

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081420\
 Data File : VD066230.D
 Acq On : 14 Aug 2020 12:16
 Operator : VA/SY
 Sample : VD0814SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0814SBS01

Quant Time: Aug 17 08:41:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	309561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	443586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	405681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	211142	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	135155	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	7.91	113	137665	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	10.34	98	519433	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.63	95	186941	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	57360	21.031	ug/l	100
3) Chloromethane	2.20	50	42626	20.092	ug/l	92
4) Vinyl Chloride	2.35	62	38974	20.750	ug/l	96
5) Bromomethane	2.76	94	26592	21.339	ug/l	96
6) Chloroethane	2.92	64	22332	19.369	ug/l	90
7) Trichlorofluoromethane	3.27	101	96087	19.622	ug/l	95
8) Diethyl Ether	3.71	74	25746	18.633	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	57124	19.656	ug/l	98
10) Methyl Iodide	4.30	142	51392	23.528	ug/l	98
11) Tert butyl alcohol	5.21	59	23423	89.137	ug/l	97
12) 1,1-Dichloroethene	4.07	96	53080	19.362	ug/l	98
13) Acrolein	3.91	56	13439	61.134	ug/l	98
14) Allyl chloride	4.71	41	74671	17.979	ug/l	95
15) Acrylonitrile	5.41	53	50553	86.825	ug/l	97
16) Acetone	4.16	43	51651	98.566	ug/l	97
17) Carbon Disulfide	4.40	76	154053	17.673	ug/l	98
18) Methyl Acetate	4.71	43	23652	17.770	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	114946	18.293	ug/l	98
20) Methylene Chloride	4.96	84	75736	22.611	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	59128	18.775	ug/l	96
22) Diisopropyl ether	6.36	45	151693	18.469	ug/l	98
23) Vinyl Acetate	6.30	43	436186	90.652	ug/l	96
24) 1,1-Dichloroethane	6.26	63	96949	19.074	ug/l	96
25) 2-Butanone	7.21	43	69250	89.849	ug/l	97
26) 2,2-Dichloropropane	7.20	77	94848	20.820	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	62517	18.926	ug/l	97
28) Bromochloromethane	7.54	49	37244	20.862	ug/l	94
29) Tetrahydrofuran	7.56	42	41550	87.012	ug/l	99
30) Chloroform	7.70	83	102680	19.239	ug/l	97
31) Cyclohexane	7.98	56	91622	18.936	ug/l	93
32) 1,1,1-Trichloroethane	7.90	97	100587	20.100	ug/l	100
36) 1,1-Dichloropropene	8.11	75	80866	19.400	ug/l	99
37) Ethyl Acetate	7.29	43	29697	17.981	ug/l	97
38) Carbon Tetrachloride	8.09	117	91462	19.676	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081420\
 Data File : VD066230.D
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 Operator : VA/SY
 Sample : VD0814SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
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Quant Time: Aug 17 08:41:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	98848	19.617	ug/l	99
40) Benzene	8.34	78	221031	19.115	ug/l	96
41) Methacrylonitrile	7.56	41	43567	44.865	ug/l #	46
42) 1,2-Dichloroethane	8.42	62	65591	19.309	ug/l	99
43) Isopropyl Acetate	8.44	43	57135	17.558	ug/l	98
44) Trichloroethene	9.11	130	69181	19.854	ug/l	99
45) 1,2-Dichloropropane	9.38	63	52687	18.630	ug/l	99
46) Dibromomethane	9.47	93	29631	19.021	ug/l	98
47) Bromodichloromethane	9.66	83	77988	18.942	ug/l	90
48) Methyl methacrylate	9.45	41	27921	16.804	ug/l #	87
49) 1,4-Dioxane	9.46	88	7152	357.356	ug/l	91
51) 4-Methyl-2-Pentanone	10.22	43	146582	87.696	ug/l	100
52) Toluene	10.40	92	148487	19.515	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	75175	19.240	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	87522	19.118	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	41825	18.646	ug/l	96
56) Ethyl methacrylate	10.66	69	49588	18.402	ug/l	97
57) 1,3-Dichloropropane	10.94	76	70136	18.834	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	128808	106.269	ug/l	99
59) 2-Hexanone	10.98	43	107318	91.485	ug/l	97
60) Dibromochloromethane	11.14	129	58710	18.958	ug/l	100
61) 1,2-Dibromoethane	11.24	107	40554	18.799	ug/l	100
64) Tetrachloroethene	10.87	164	61347	19.693	ug/l	95
65) Chlorobenzene	11.67	112	162613	19.745	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	63180	19.607	ug/l	98
67) Ethyl Benzene	11.74	91	287106	20.118	ug/l	96
68) m/p-Xylenes	11.85	106	221145	39.995	ug/l	97
69) o-Xylene	12.18	106	99686	19.819	ug/l	99
70) Styrene	12.19	104	178659	20.268	ug/l	99
71) Bromoform	12.36	173	35695	18.697	ug/l #	100
73) Isopropylbenzene	12.48	105	279807	19.853	ug/l	98
74) N-amyl acetate	12.29	43	55722	17.954	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	44346	18.452	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	60579	34.405	ug/l #	100
77) Bromobenzene	12.76	156	70714	19.490	ug/l	99
78) n-propylbenzene	12.82	91	332039	20.267	ug/l	100
79) 2-Chlorotoluene	12.91	91	186430	19.896	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	234682	19.910	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	14425	18.110	ug/l	97
82) 4-Chlorotoluene	13.01	91	199162	20.134	ug/l	99
83) tert-Butylbenzene	13.23	119	208091	20.074	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	237419	20.127	ug/l	99
85) sec-Butylbenzene	13.40	105	287986	20.577	ug/l	100
86) p-Isopropyltoluene	13.52	119	269989	20.568	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	136890	20.075	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	135457	19.919	ug/l	98
89) n-Butylbenzene	13.84	91	240714	20.467	ug/l	98
90) Hexachloroethane	14.11	117	50695	19.364	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	118875	19.712	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7119	17.235	ug/l	92

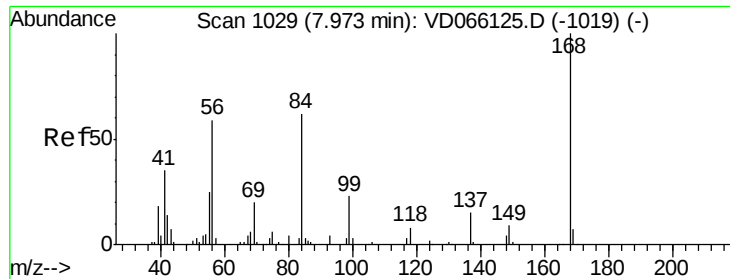
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081420\
Data File : VD066230.D
Acq On : 14 Aug 2020 12:16
Operator : VA/SY
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Instrument :
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Quant Time: Aug 17 08:41:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	84620	19.041	ug/l	99
94) Hexachlorobutadiene	15.27	225	53267	20.354	ug/l	98
95) Naphthalene	15.41	128	127827	17.653	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	72404	18.456	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

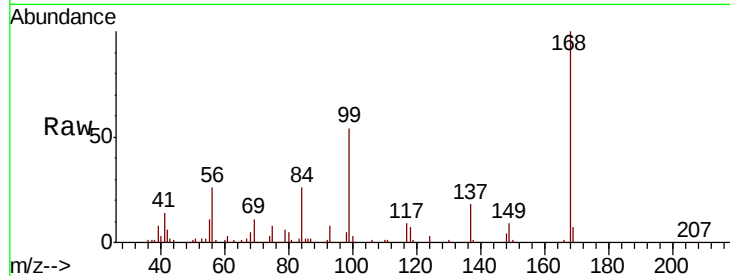
VD0814SBS01

Tot Ion:168 Resp: 309561

Ion Ratio Lower Upper

168 100

99 53.7 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

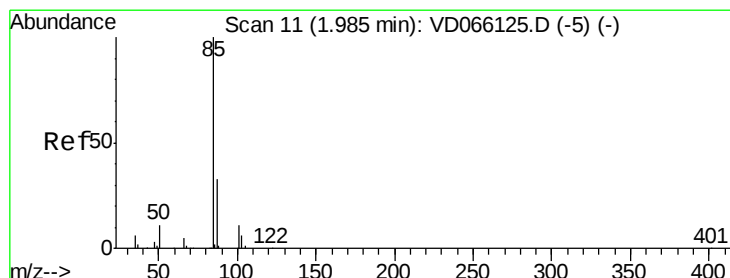
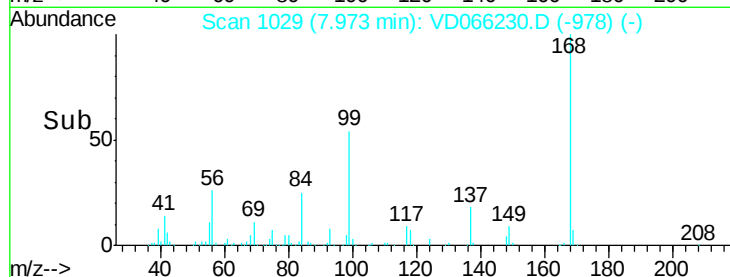
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50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 21.031 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066230.D

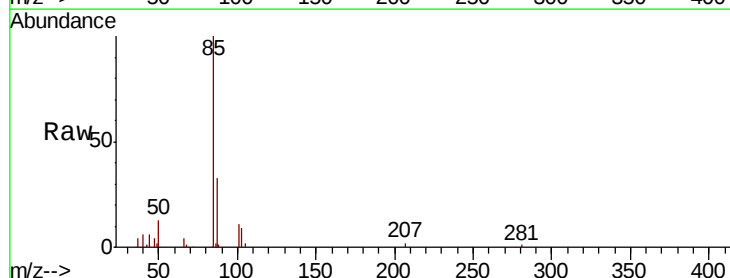
Acq: 14 Aug 2020 12:16

Tgt Ion: 85 Resp: 57360

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

40000

30000

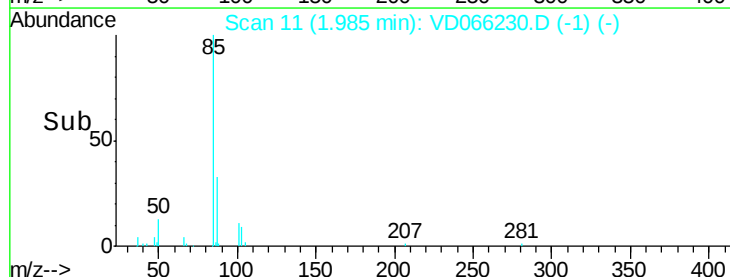
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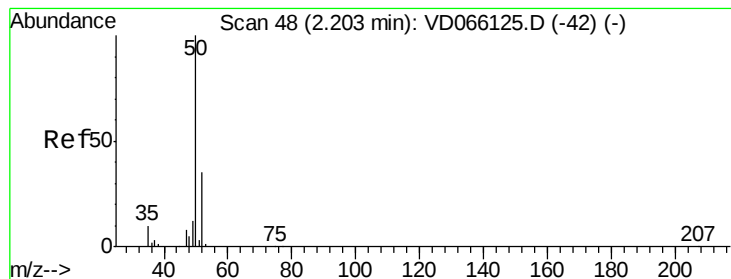
10000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 20.092 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

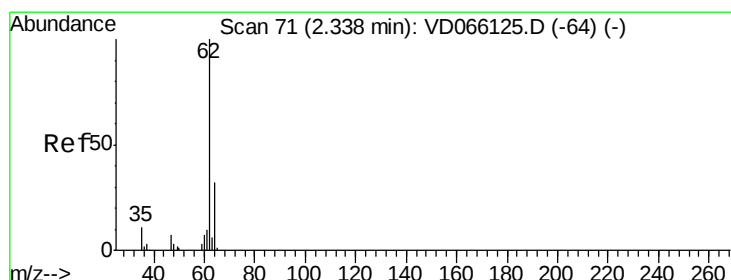
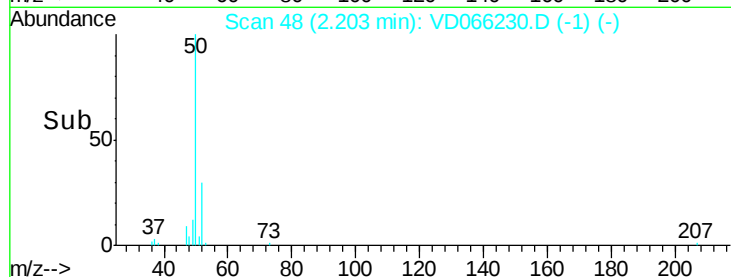
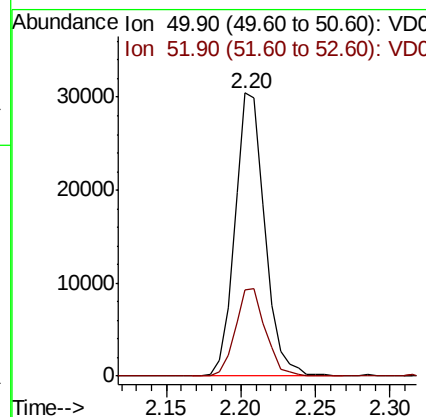
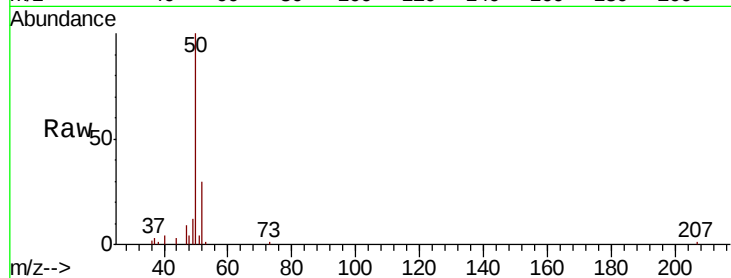
VD0814SBS01

Tot Ion: 50 Resp: 42626

Ion Ratio Lower Upper

50 100

52 30.4 27.9 41.9



#4

Vinyl Chloride

Concen: 20.750 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD066230.D

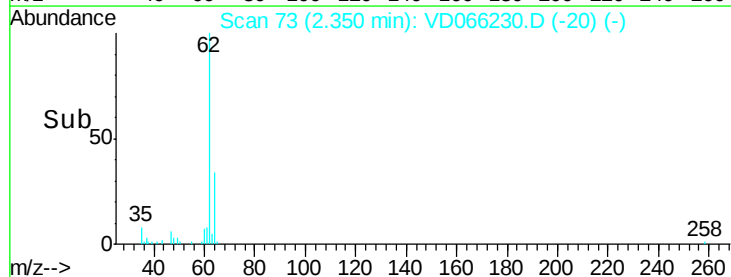
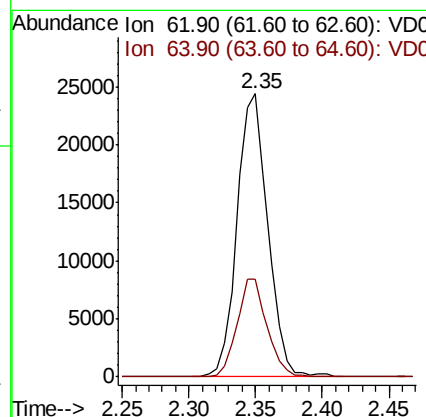
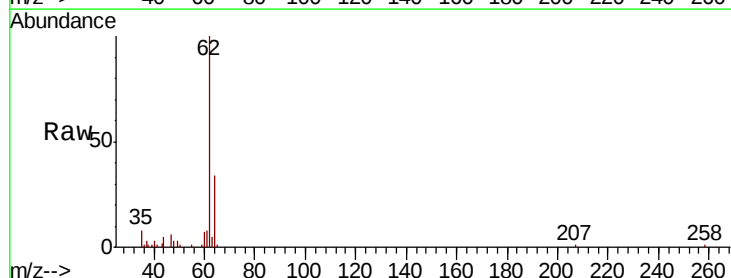
Acq: 14 Aug 2020 12:16

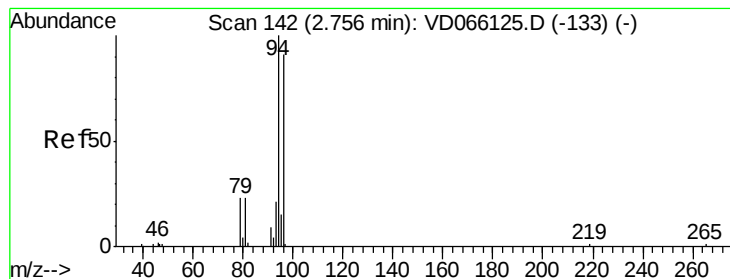
Tgt Ion: 62 Resp: 38974

Ion Ratio Lower Upper

62 100

64 34.4 25.8 38.8





#5

Bromomethane

Concen: 21.339 ug/l

RT: 2.76 min Scan# 142

Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

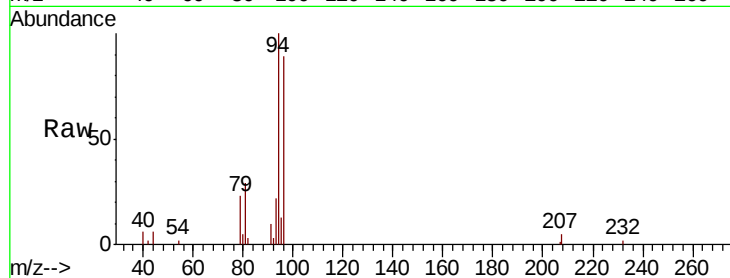
VD0814SBS01

Tot Ion: 94 Resp: 26592

Ion Ratio Lower Upper

94 100

96 87.4 72.6 109.0

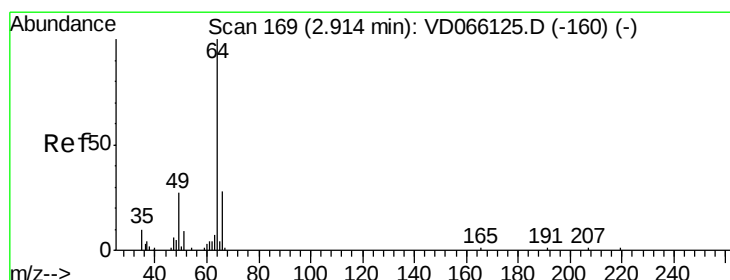
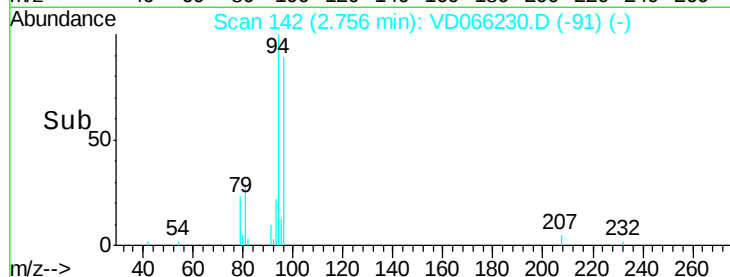


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

Time-->



#6

Chloroethane

Concen: 19.369 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VD066230.D

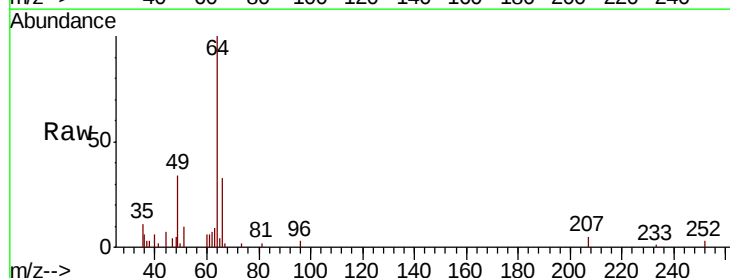
Acq: 14 Aug 2020 12:16

Tgt Ion: 64 Resp: 22332

Ion Ratio Lower Upper

64 100

66 32.8 22.0 33.0

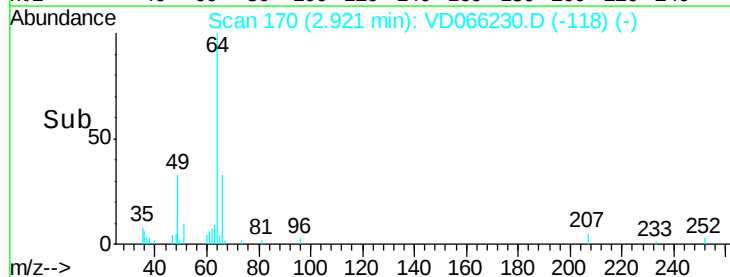


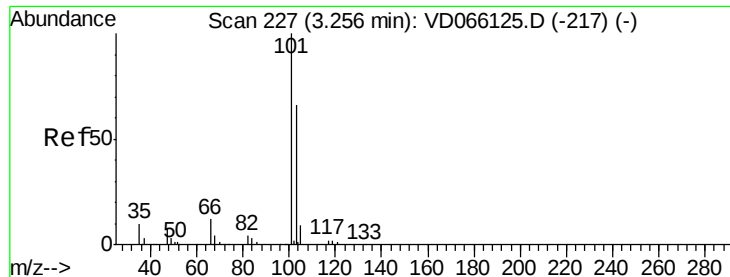
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

Time-->



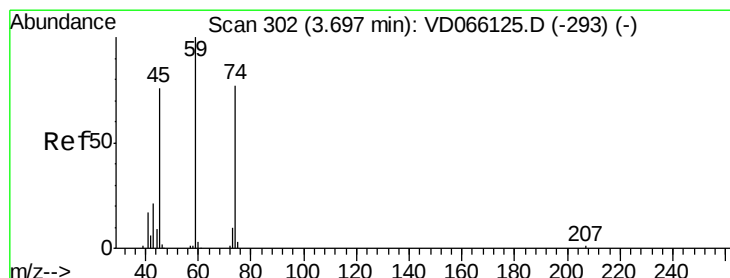
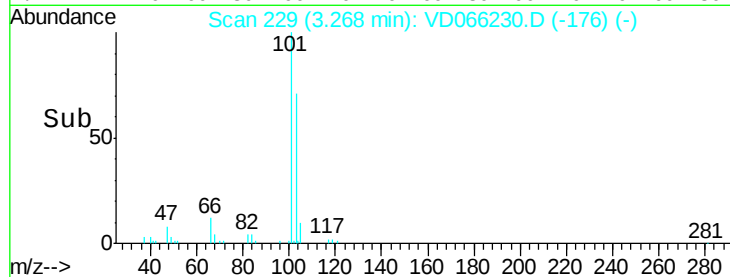
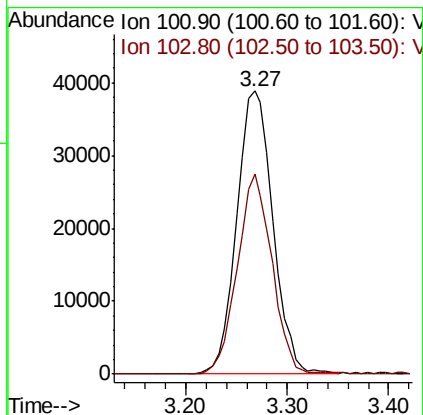
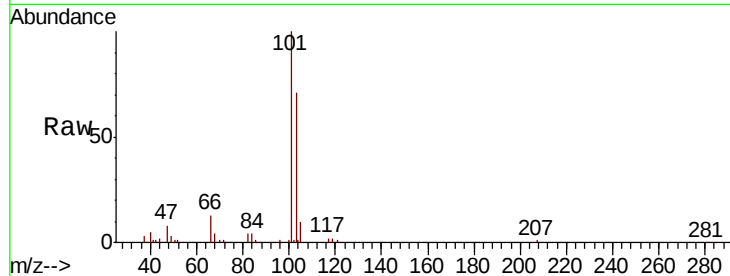


#7

Trichlorofluoromethane
 Concen: 19.622 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VD066230.D
 Acq: 14 Aug 2020 12:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0814SBS01

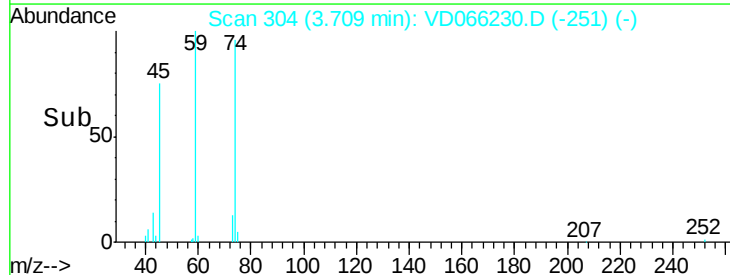
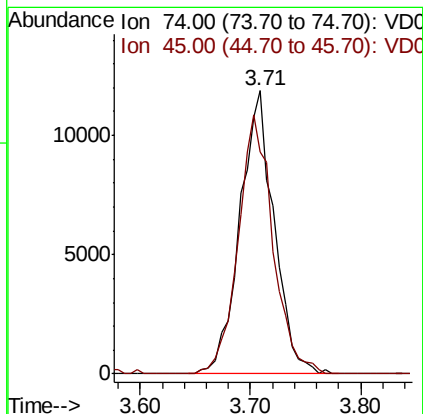
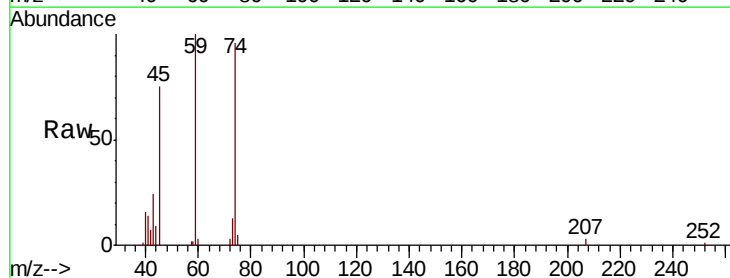
Tot Ion:101 Resp: 96087
 Ion Ratio Lower Upper
 101 100
 103 70.6 53.0 79.6

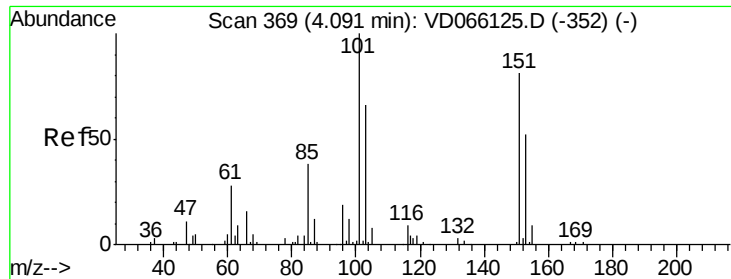


#8

Diethyl Ether
 Concen: 18.633 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD066230.D
 Acq: 14 Aug 2020 12:16

Tgt Ion: 74 Resp: 25746
 Ion Ratio Lower Upper
 74 100
 45 93.4 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.656 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBS01

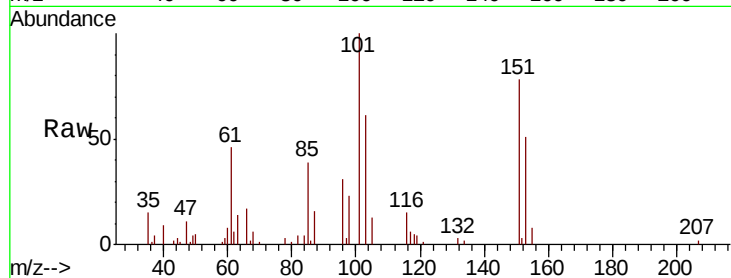
Tot Ion:101 Resp: 57124

Ion Ratio Lower Upper

101 100

85 43.0 33.5 50.3

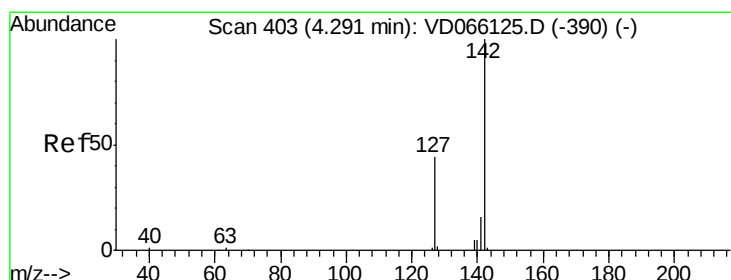
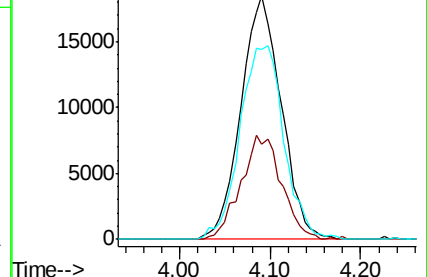
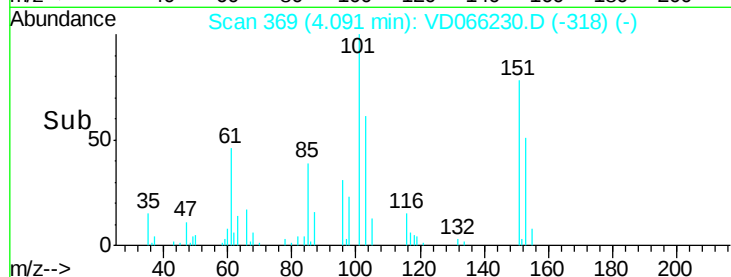
151 86.7 67.8 101.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 23.528 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

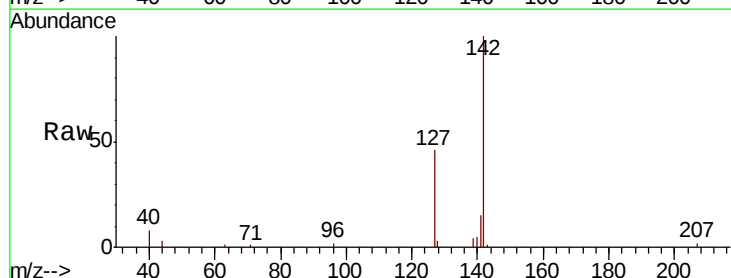
Tgt Ion:142 Resp: 51392

Ion Ratio Lower Upper

142 100

127 47.1 36.2 54.4

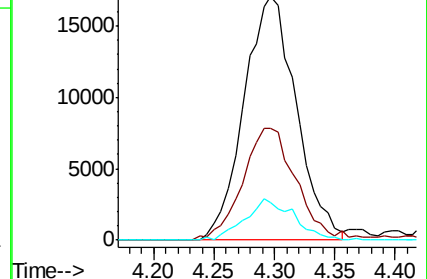
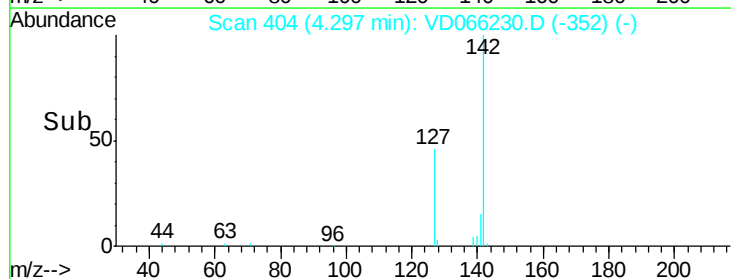
141 15.6 12.6 18.8

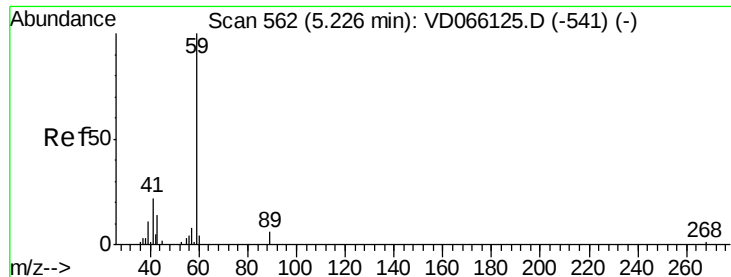


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



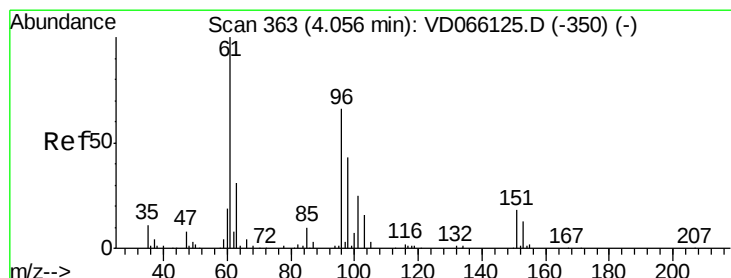
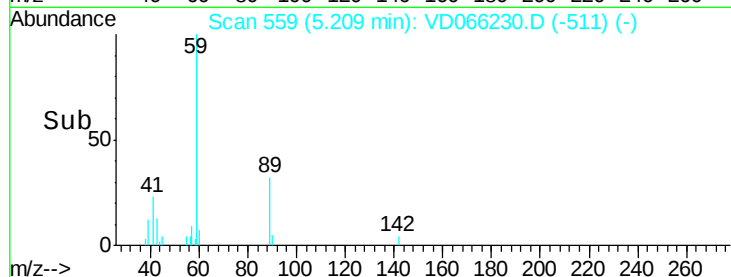
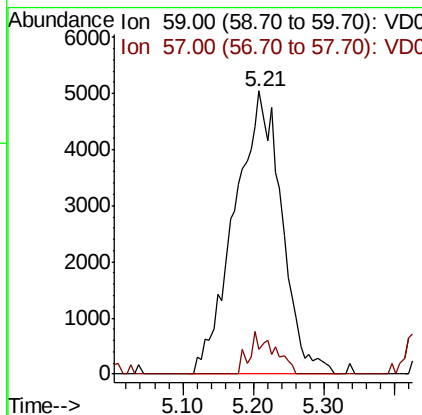
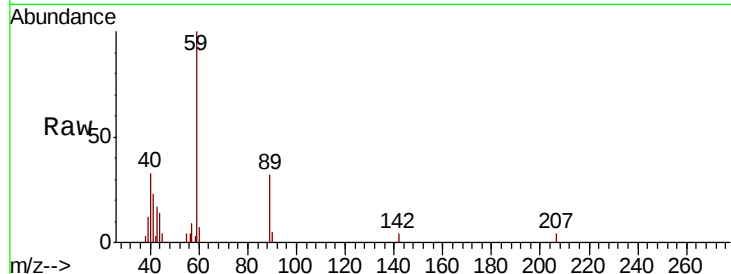


#11

Tert butyl alcohol
Concen: 89.137 ug/l
RT: 5.21 min Scan# 559
Delta R.T. -0.02 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

Instrument :
MSVOA_D
ClientSampleId :
VD0814SBS01

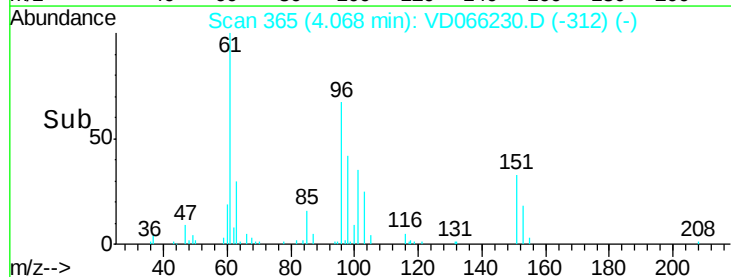
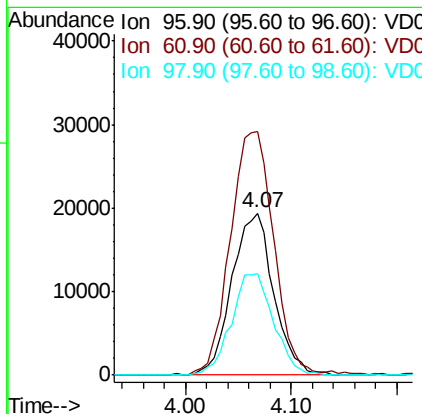
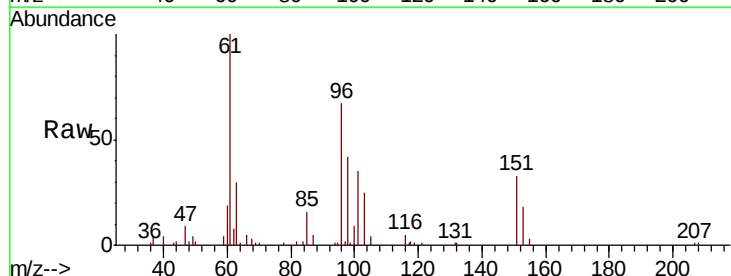
Tot Ion: 59 Resp: 23423
Ion Ratio Lower Upper
59 100
57 7.8 7.0 10.4

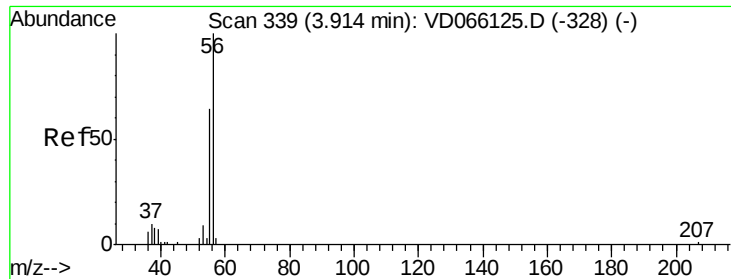


#12

1,1-Dichloroethene
Concen: 19.362 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.01 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

Tgt Ion: 96 Resp: 53080
Ion Ratio Lower Upper
96 100
61 150.1 121.6 182.4
98 62.7 52.0 78.0





#13

Acrolein

Concen: 61.134 ug/l

RT: 3.91 min Scan# 339

Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

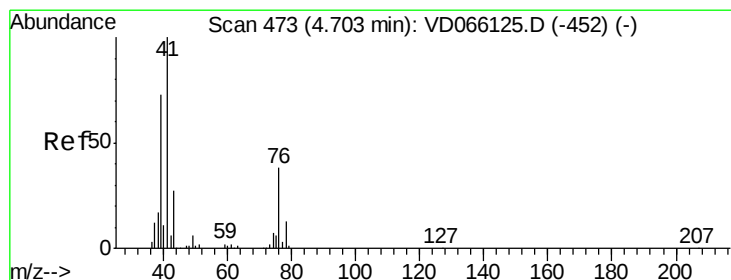
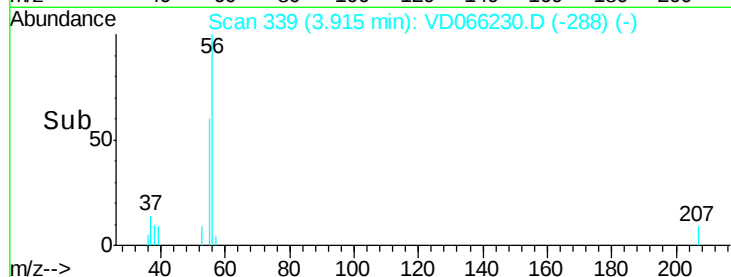
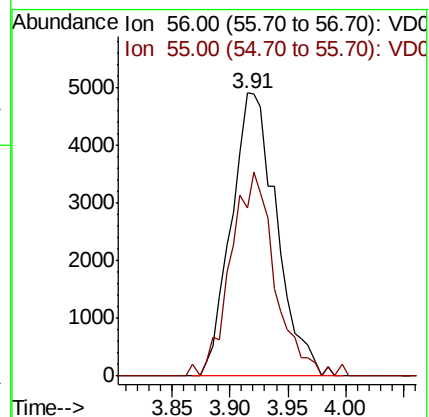
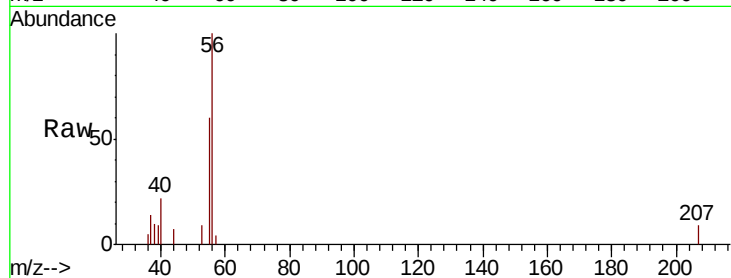
VD0814SBS01

Tot Ion: 56 Resp: 13439

Ion Ratio Lower Upper

56 100

55 69.4 56.7 85.1



#14

Allyl chloride

Concen: 17.979 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.01 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

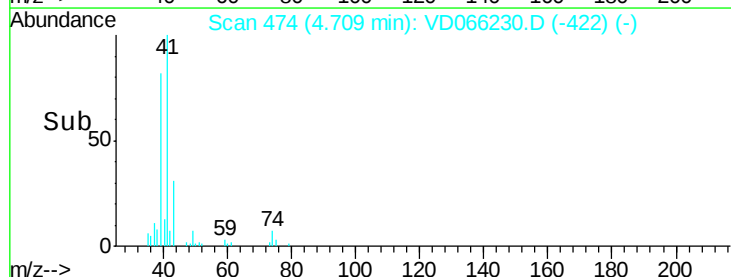
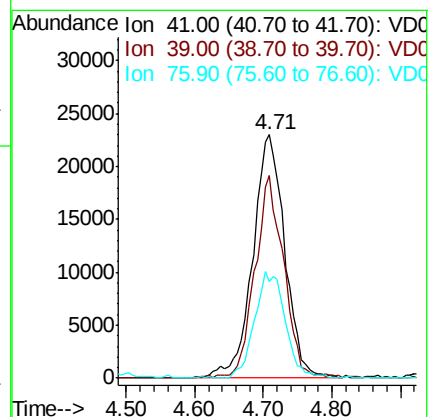
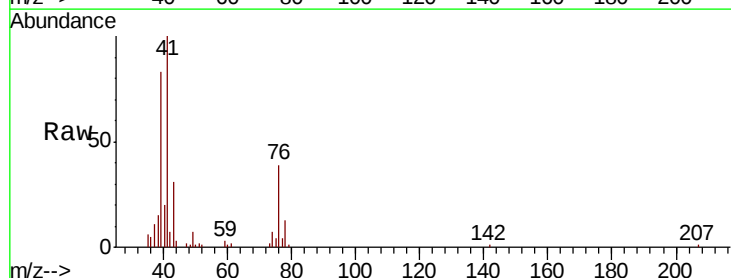
Tgt Ion: 41 Resp: 74671

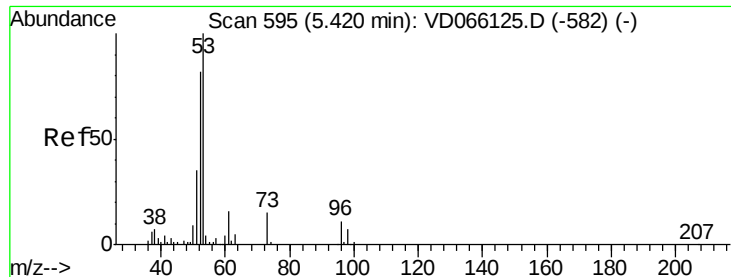
Ion Ratio Lower Upper

41 100

39 75.0 57.4 86.0

76 41.5 30.1 45.1





#15

Acrylonitrile

Concen: 86.825 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBS01

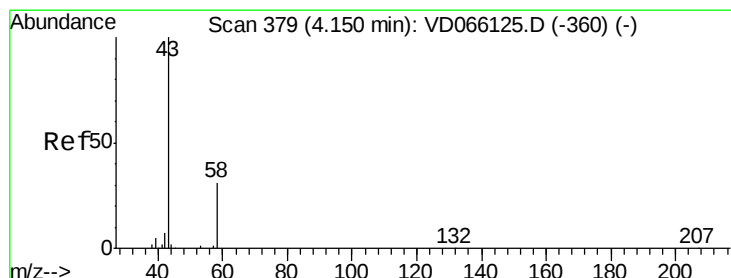
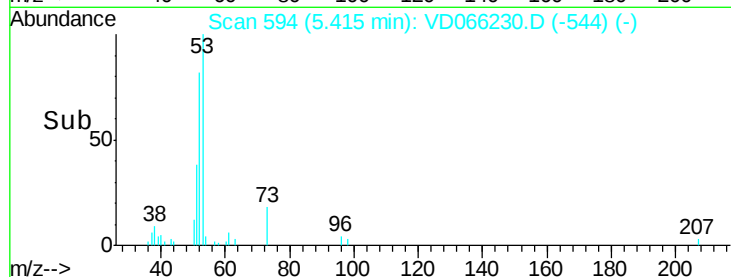
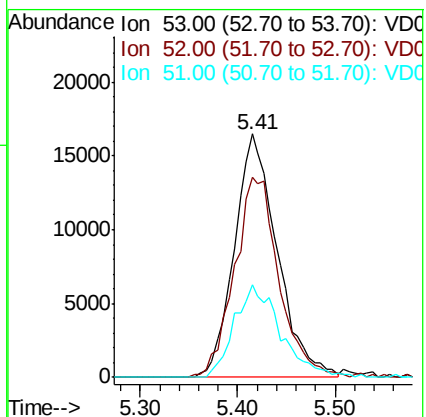
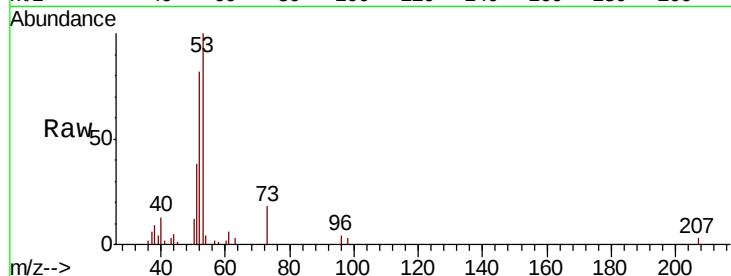
Tot Ion: 53 Resp: 50553

Ion Ratio Lower Upper

53 100

52 85.4 66.1 99.1

51 41.1 30.8 46.2



#16

Acetone

Concen: 98.566 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066230.D

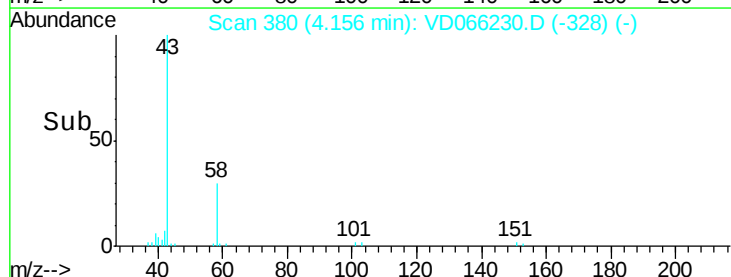
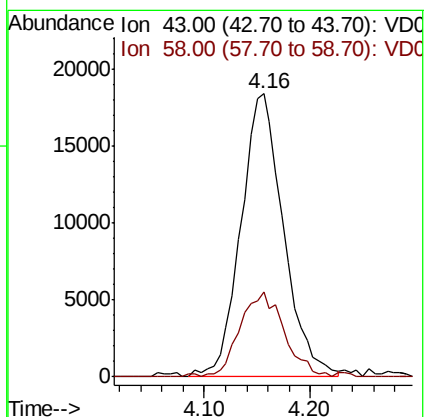
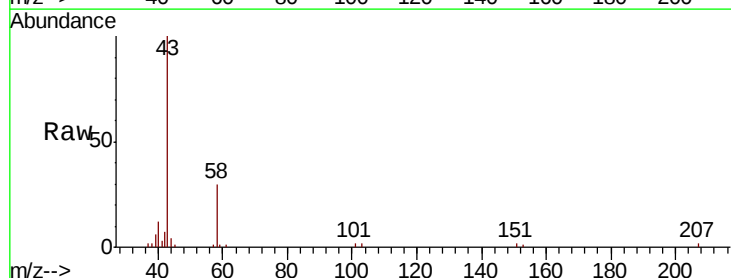
Acq: 14 Aug 2020 12:16

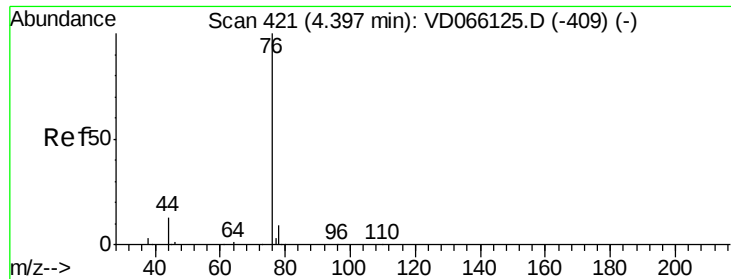
Tgt Ion: 43 Resp: 51651

Ion Ratio Lower Upper

43 100

58 29.1 24.7 37.1

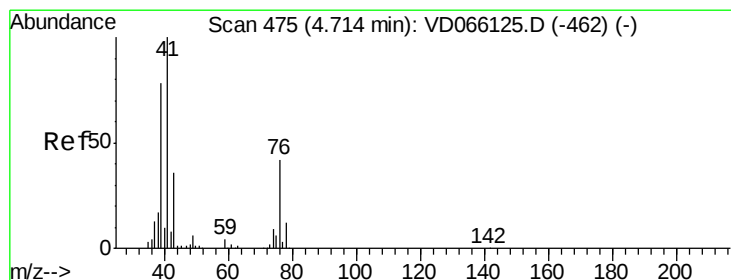
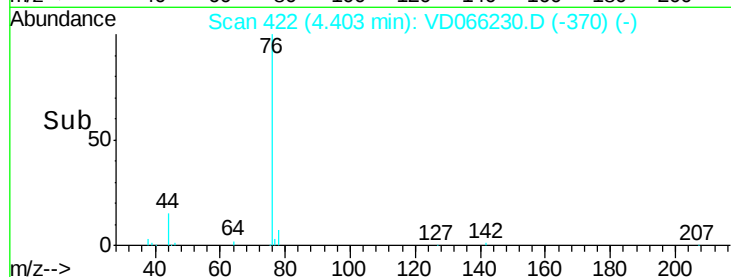
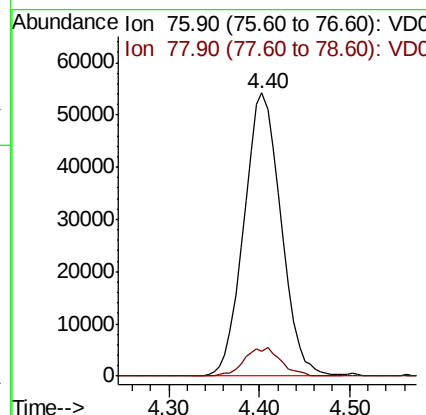
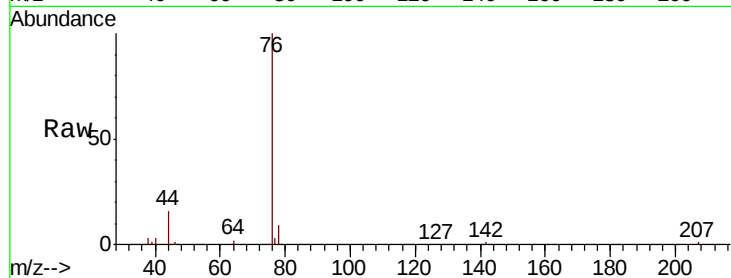




#17
Carbon Disulfide
Concen: 17.673 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

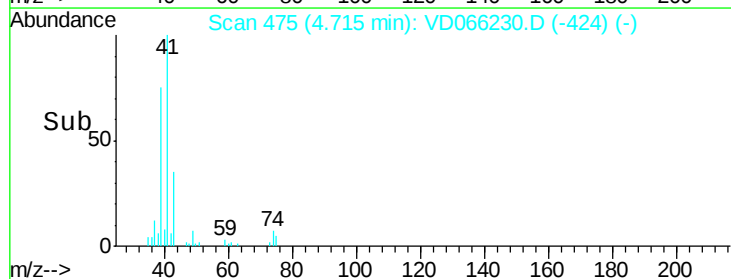
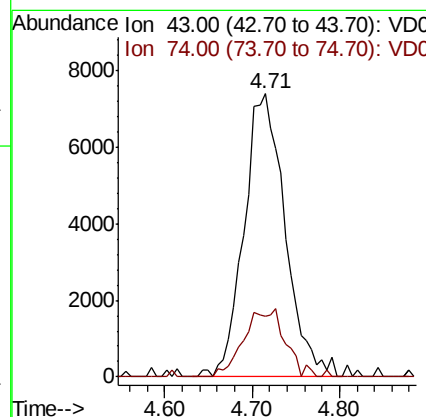
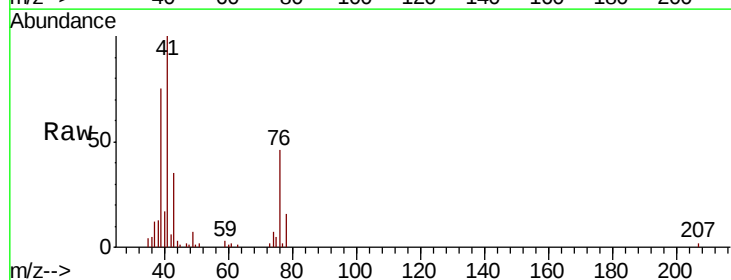
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBS01

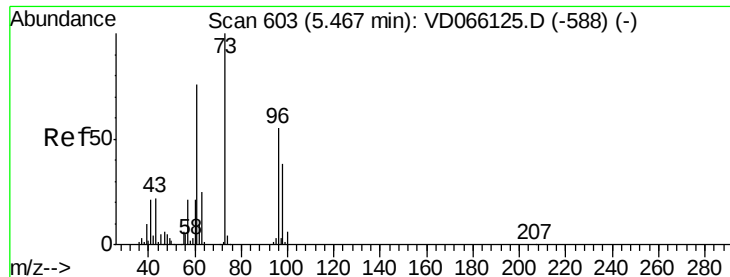
Tot Ion: 76 Resp: 154053
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 17.770 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

Tgt Ion: 43 Resp: 23652
Ion Ratio Lower Upper
43 100
74 24.1 21.2 31.8

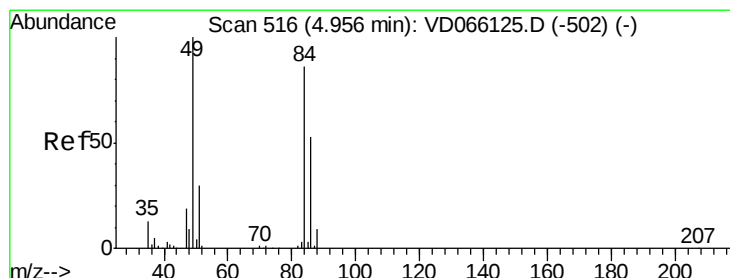
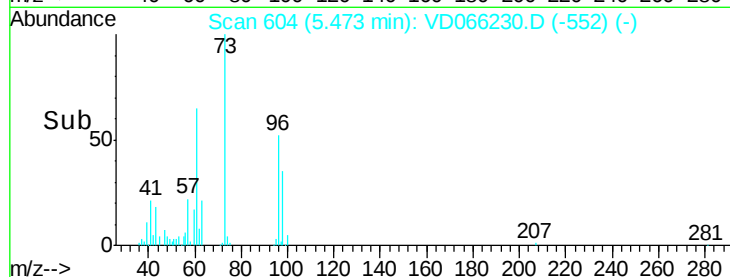
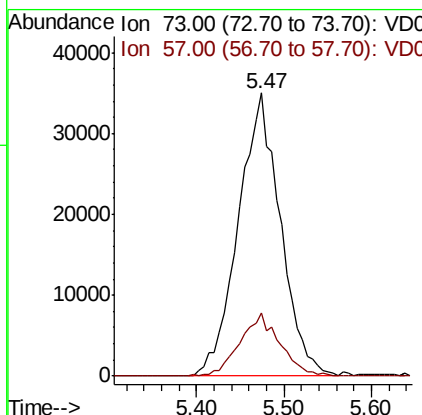
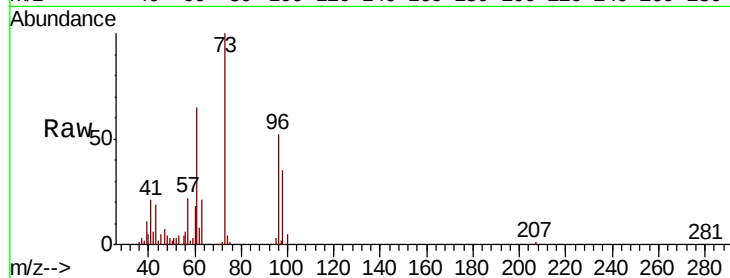




#19
Methvl tert-butvl Ether
Concen: 18.293 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

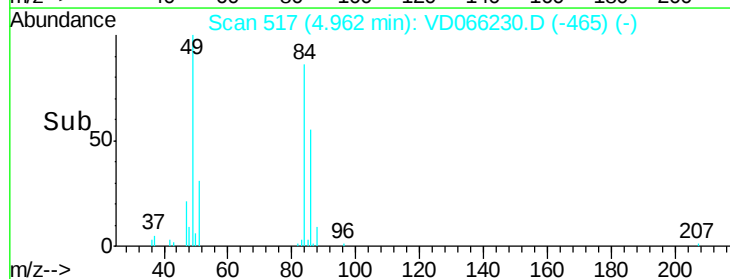
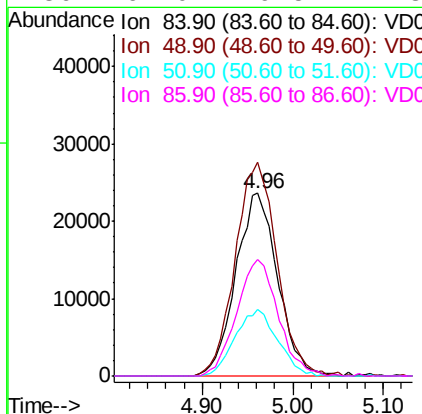
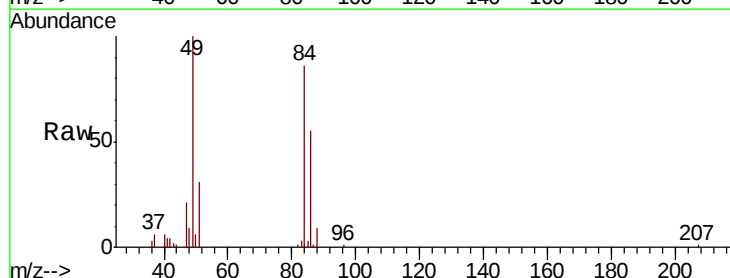
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBS01

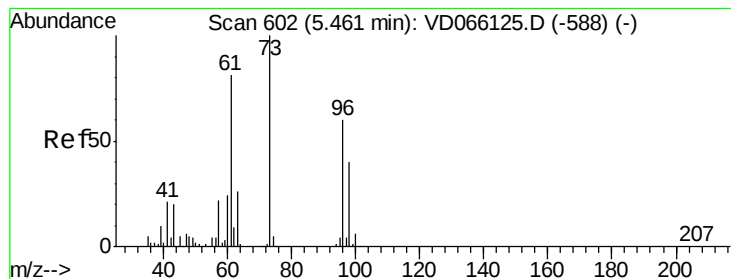
Tot Ion: 73 Resp: 114946
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7



#20
Methylene Chloride
Concen: 22.611 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

Tgt Ion: 84 Resp: 75736
Ion Ratio Lower Upper
84 100
49 116.9 93.5 140.3
51 36.2 28.2 42.4
86 64.0 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 18.775 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBS01

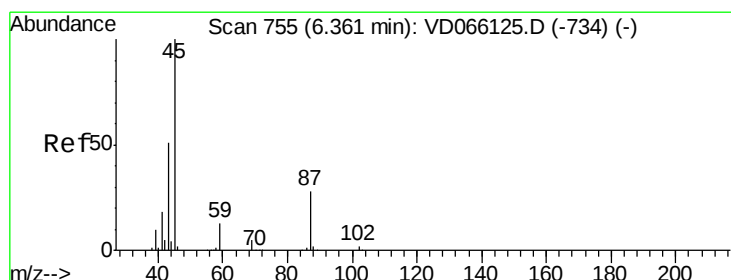
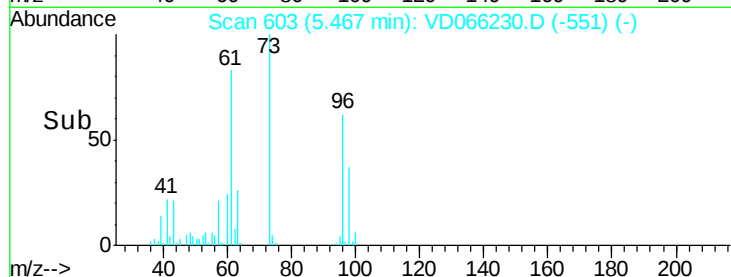
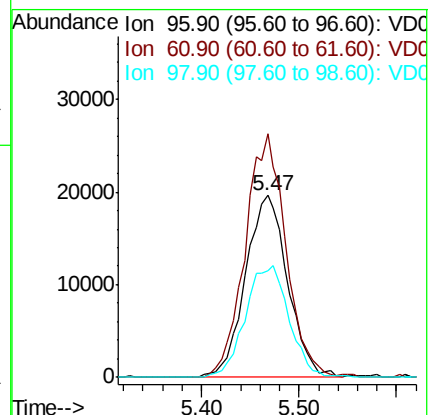
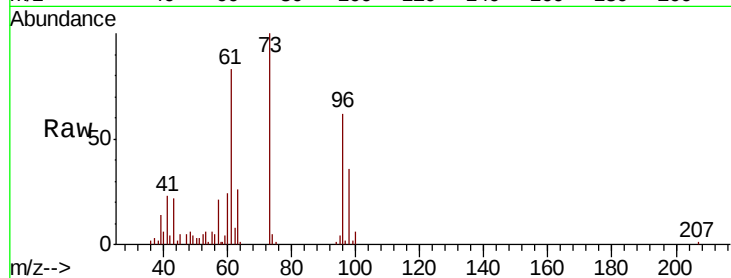
Tot Ion: 96 Resp: 59128

Ion Ratio Lower Upper

96 100

61 134.0 106.9 160.3

98 58.7 53.4 80.0



#22

Diisopropyl ether

Concen: 18.469 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Tgt Ion: 45 Resp: 151693

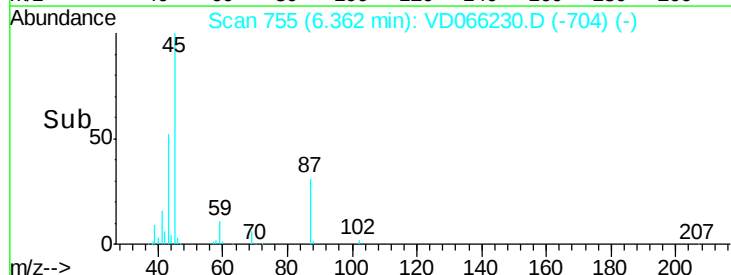
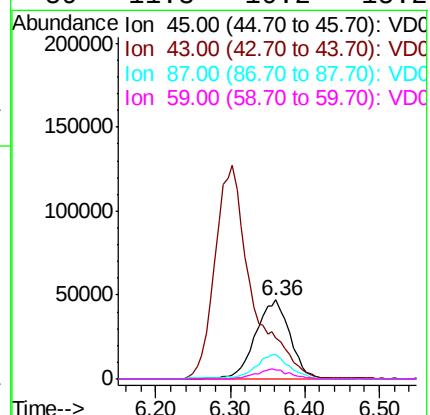
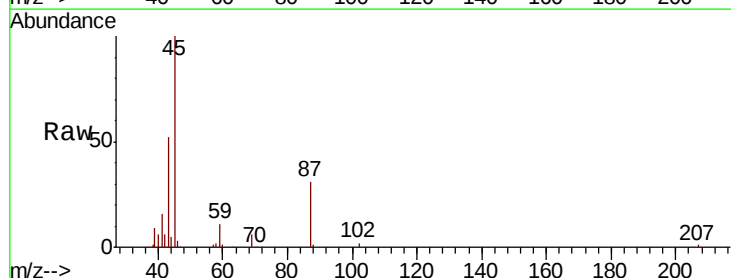
Ion Ratio Lower Upper

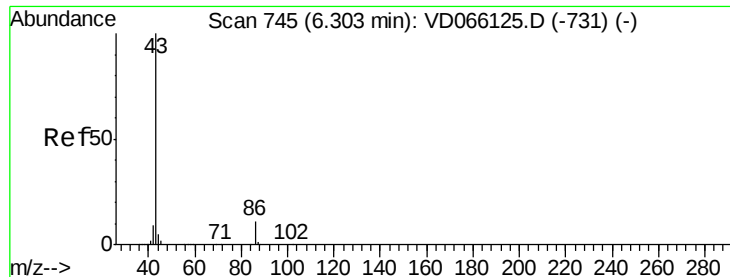
45 100

43 51.4 41.2 61.8

87 31.1 22.8 34.2

59 11.3 10.2 15.2





#23

Vinyl Acetate

Concen: 90.652 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

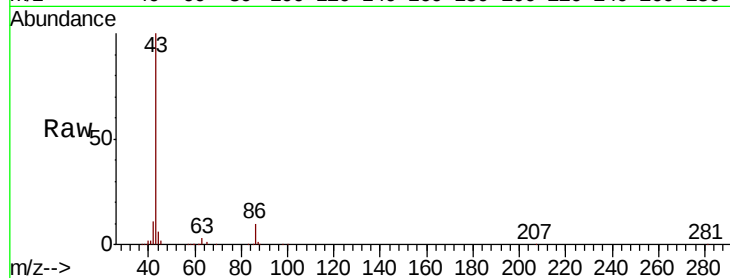
VD0814SBS01

Tot Ion: 43 Resp: 436186

Ion Ratio Lower Upper

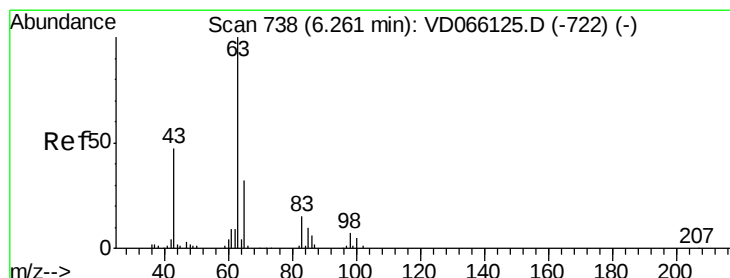
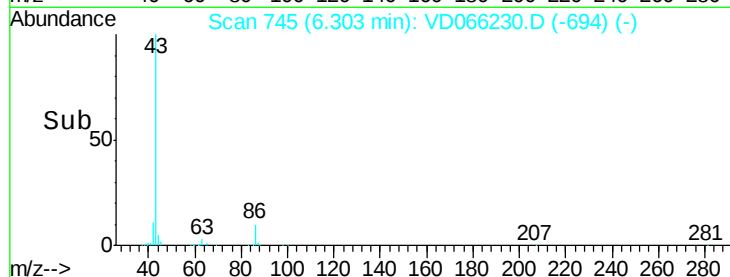
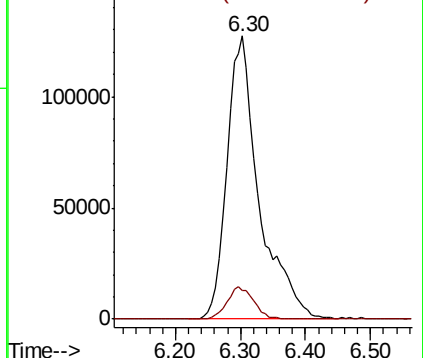
43 100

86 10.0 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.074 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

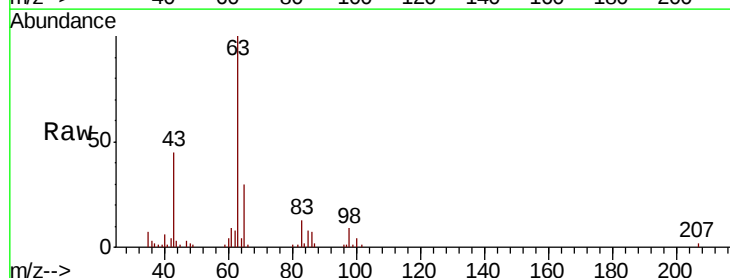
Tgt Ion: 63 Resp: 96949

Ion Ratio Lower Upper

63 100

98 9.1 3.5 10.5

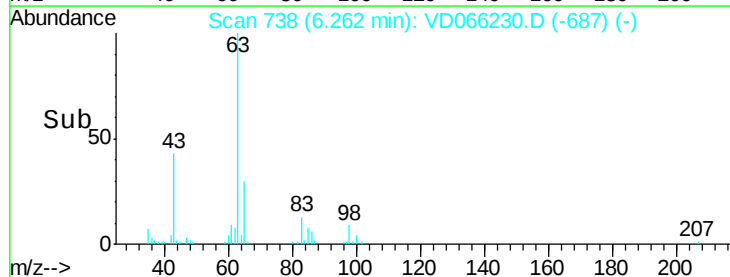
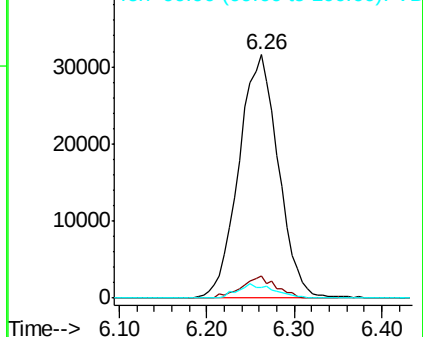
100 4.3 2.4 7.2

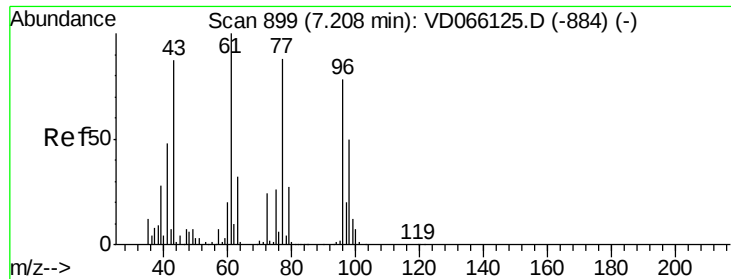


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

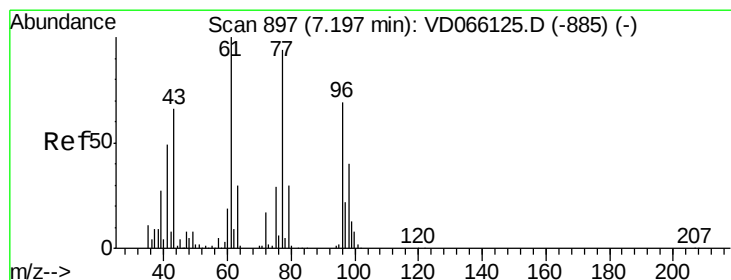
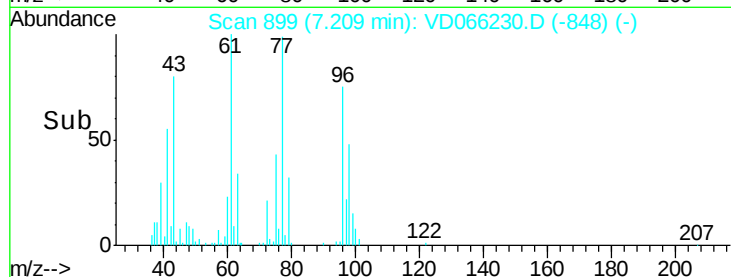
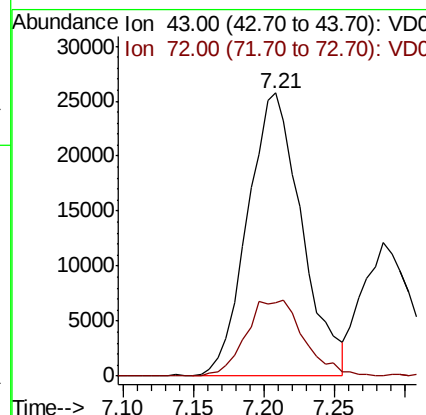
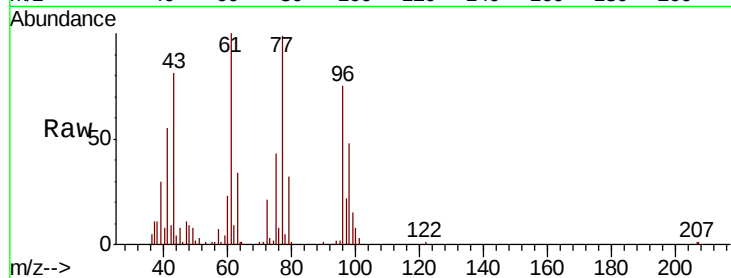




#25
2-Butanone
Concen: 89.849 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

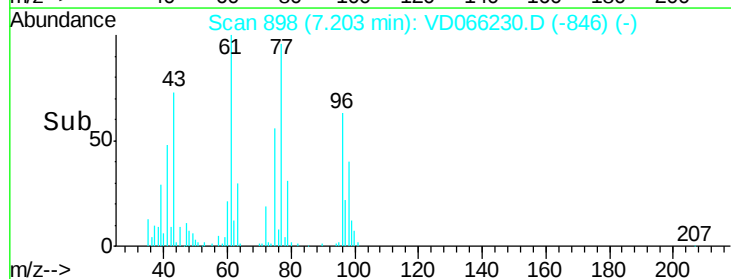
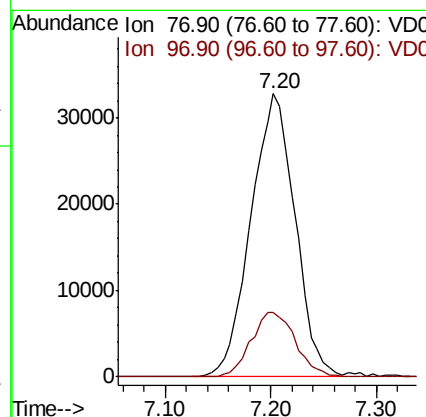
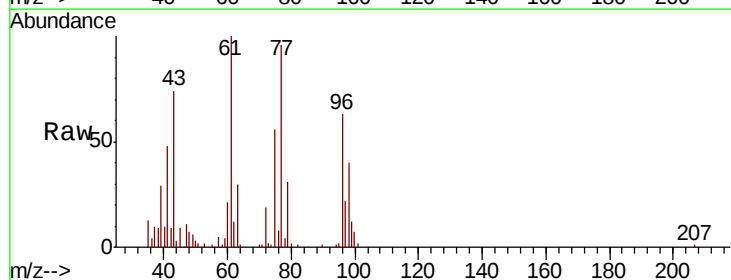
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBS01

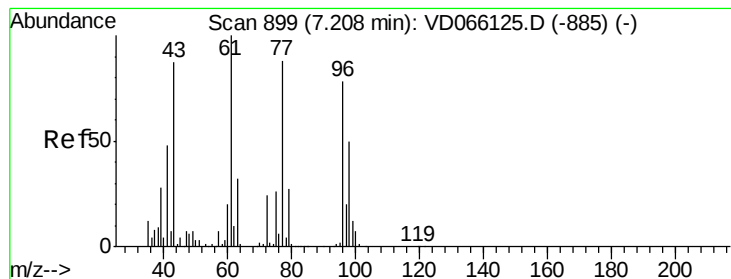
Tot Ion: 43 Resp: 69250
Ion Ratio Lower Upper
43 100
72 25.9 22.2 33.2



#26
2,2-Dichloropropane
Concen: 20.820 ug/l
RT: 7.20 min Scan# 898
Delta R.T. 0.01 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

Tgt Ion: 77 Resp: 94848
Ion Ratio Lower Upper
77 100
97 22.9 11.8 35.3



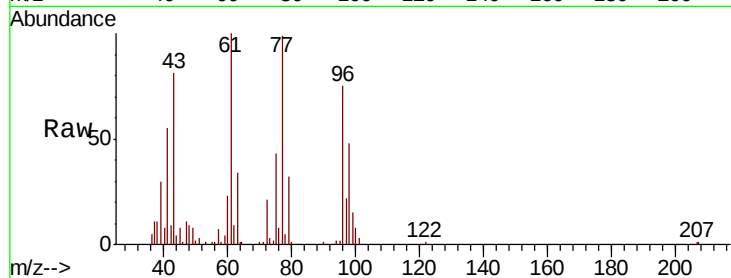


#27

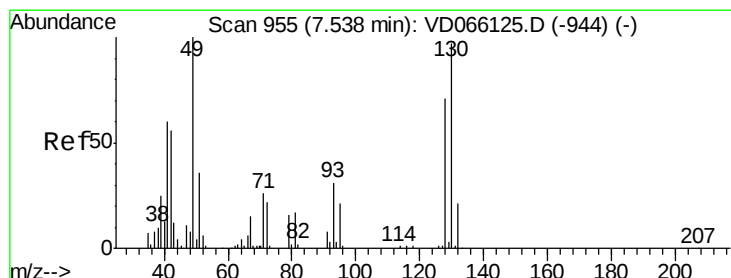
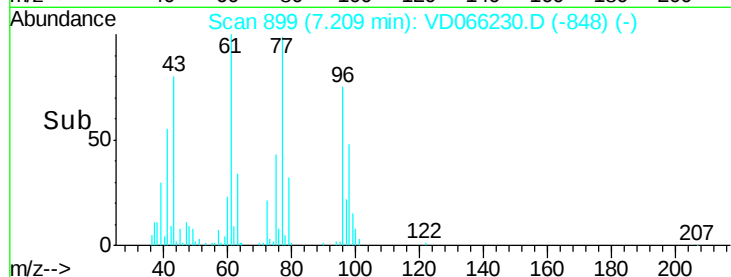
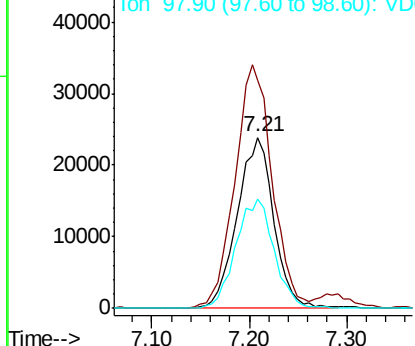
cis-1,2-Dichloroethene
 Concen: 18.926 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066230.D
 Acq: 14 Aug 2020 12:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0814SBS01

Tot Ion: 96 Resp: 62517
 Ion Ratio Lower Upper
 96 100
 61 145.1 0.0 281.6
 98 66.9 0.0 130.8



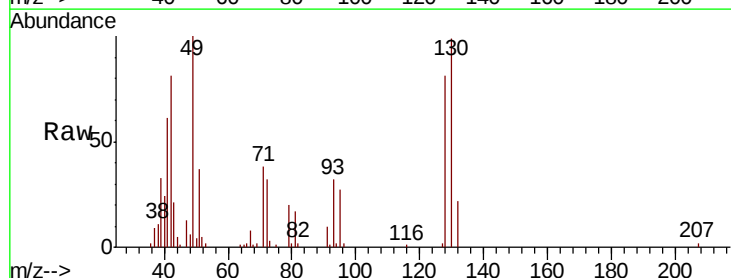
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



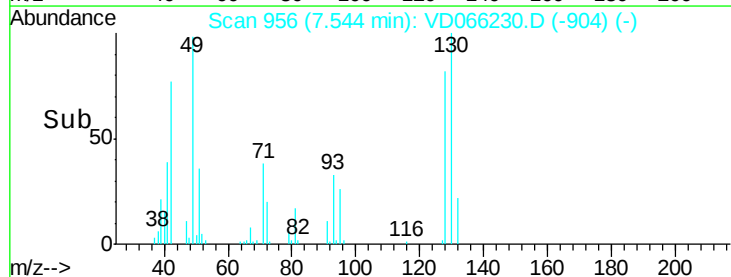
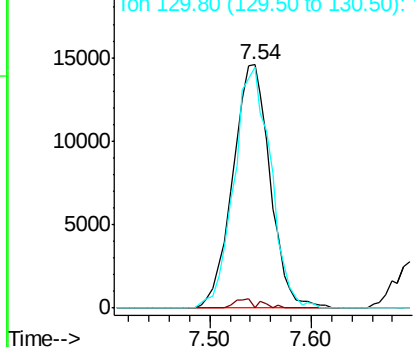
#28

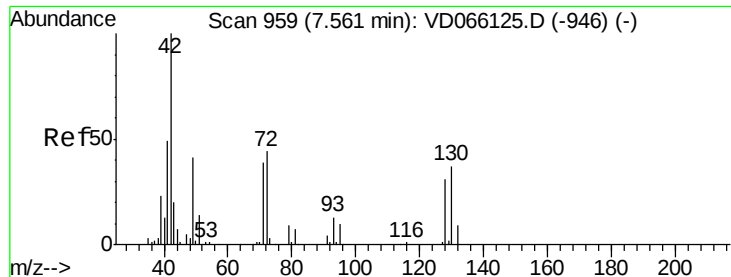
Bromochloromethane
 Concen: 20.862 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.01 min
 Lab File: VD066230.D
 Acq: 14 Aug 2020 12:16

Tgt Ion: 49 Resp: 37244
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 6.0
 130 97.6 73.8 110.6



Abundance Ion 48.90 (48.60 to 49.60): VDC
 Ion 128.80 (128.50 to 129.50): VDC
 Ion 129.80 (129.50 to 130.50): VDC

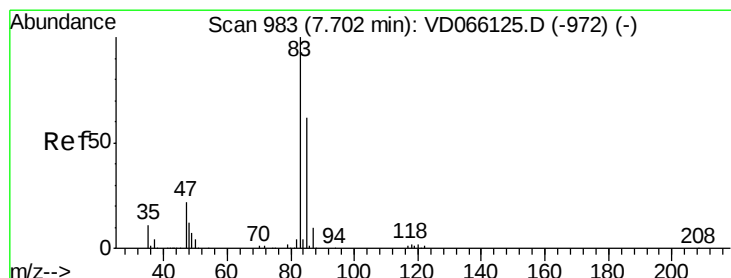
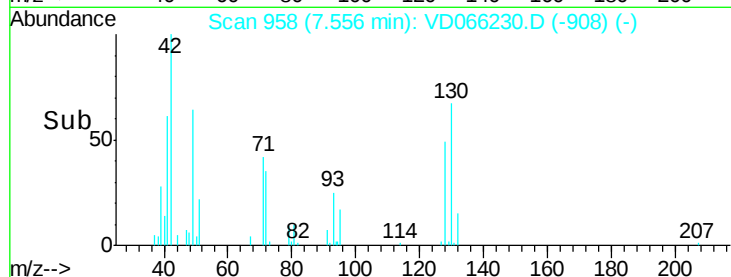
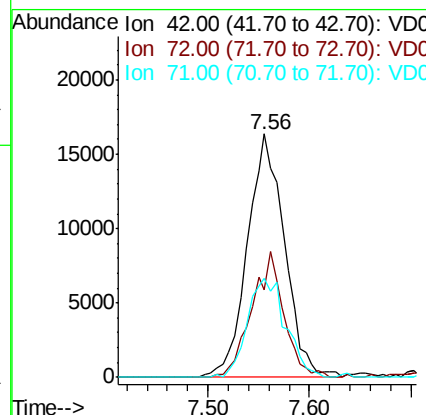
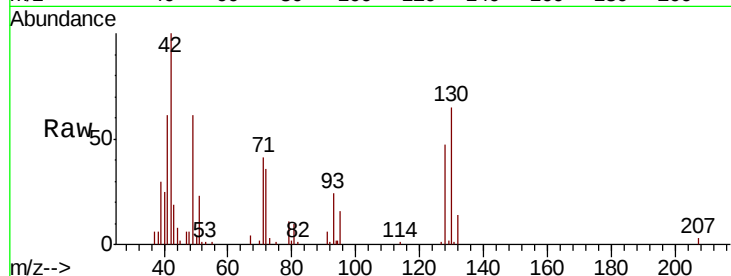




#29
Tetrahydrofuran
Concen: 87.012 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

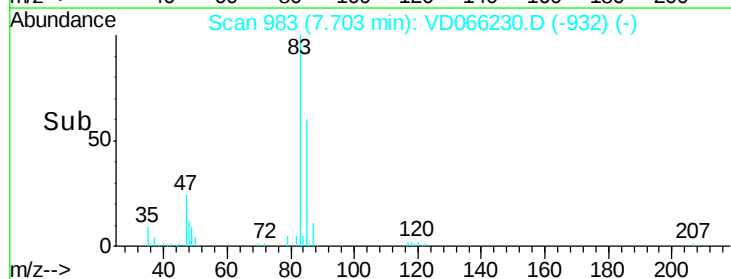
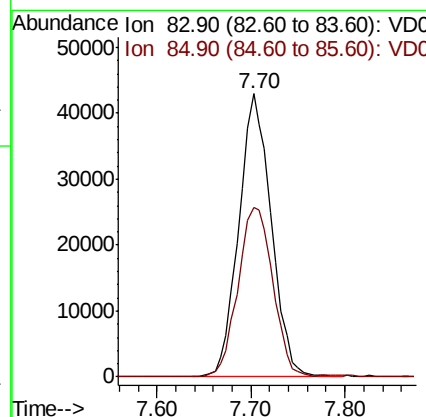
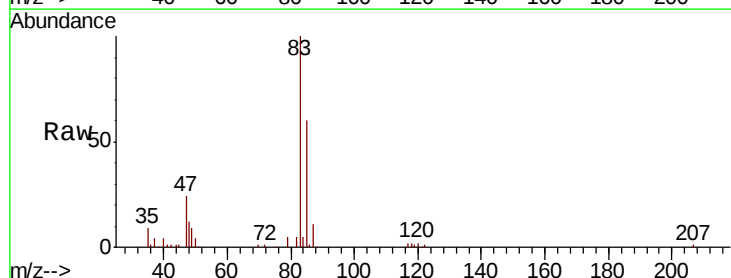
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBS01

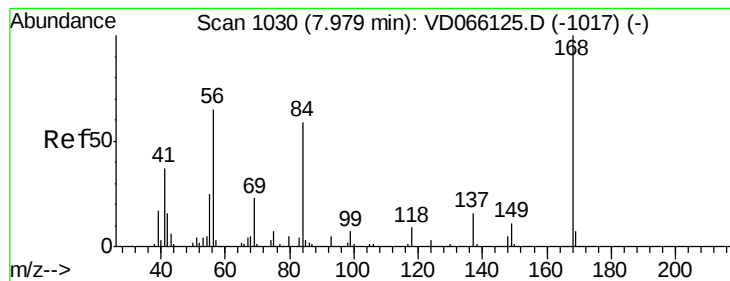
Tot Ion: 42 Resp: 41550
Ion Ratio Lower Upper
42 100
72 44.6 34.8 52.2
71 41.9 33.5 50.3



#30
Chloroform
Concen: 19.239 ug/l
RT: 7.70 min Scan# 983
Delta R.T. 0.00 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

Tgt Ion: 83 Resp: 102680
Ion Ratio Lower Upper
83 100
85 60.0 49.5 74.3





#31

Cyclohexane

Concen: 18.936 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBS01

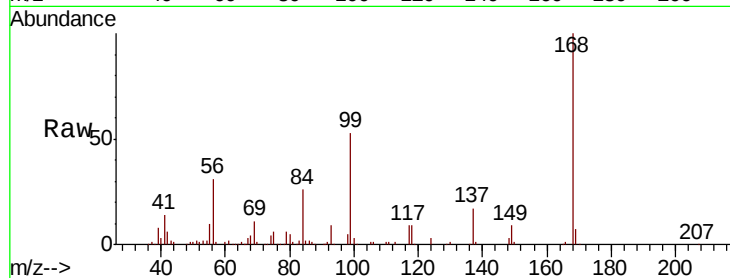
Tot Ion: 56 Resp: 91622

Ion Ratio Lower Upper

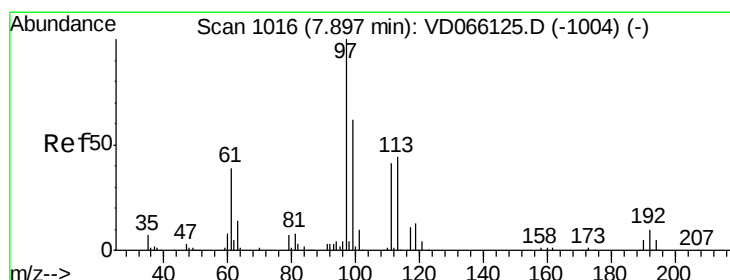
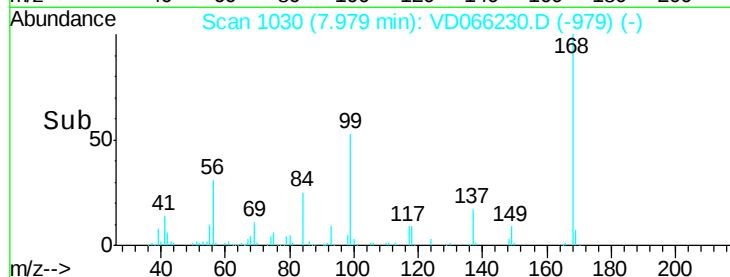
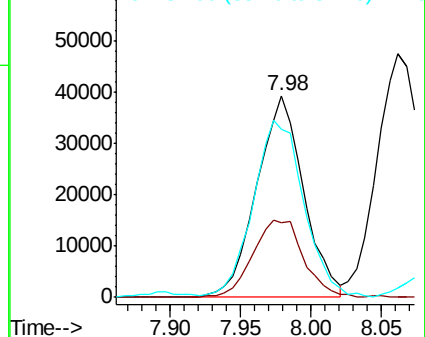
56 100

69 37.2 28.8 43.2

84 82.3 73.0 109.6



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 20.100 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

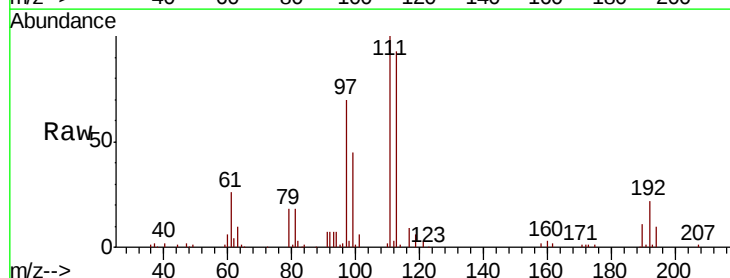
Tgt Ion: 97 Resp: 100587

Ion Ratio Lower Upper

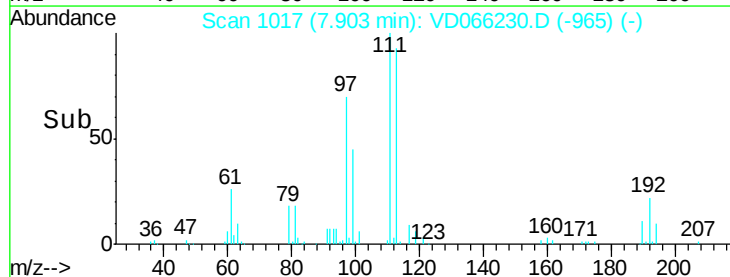
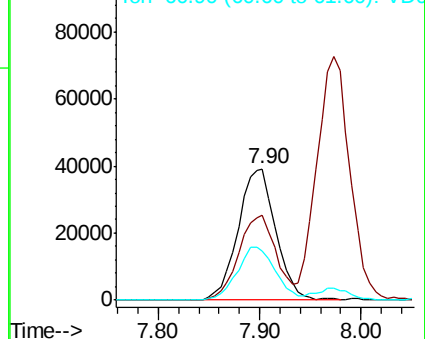
97 100

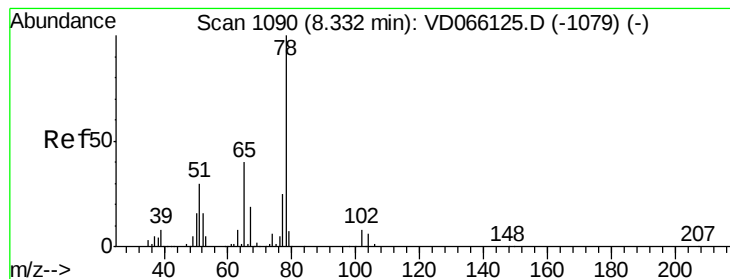
99 63.9 51.1 76.7

61 41.1 32.7 49.1



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 48.938 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

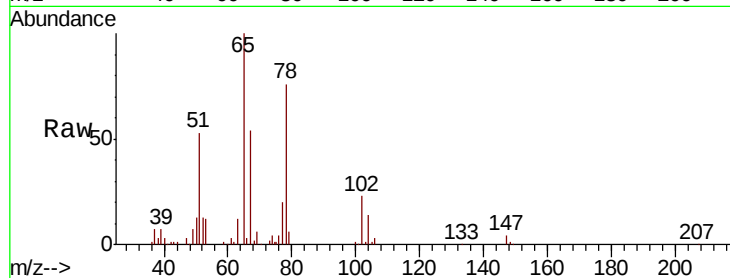
VD0814SBS01

Tot Ion: 65 Resp: 135155

Ion Ratio Lower Upper

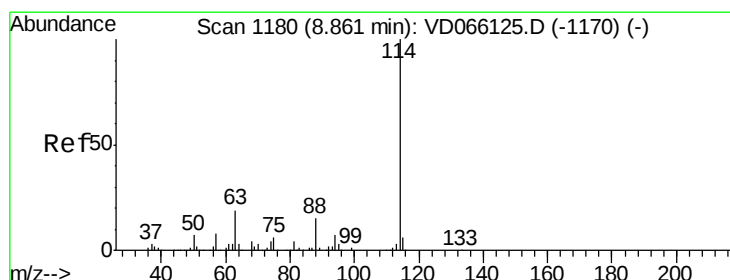
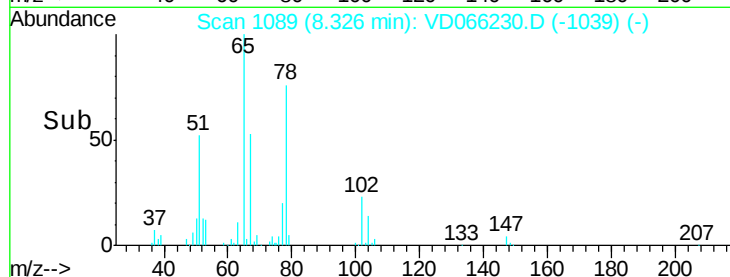
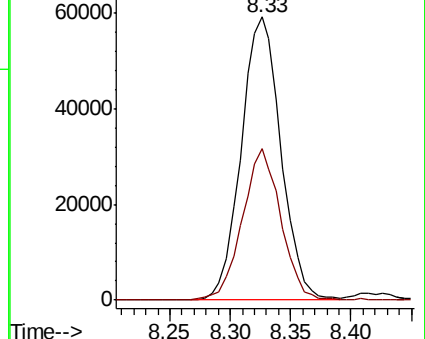
65 100

67 52.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

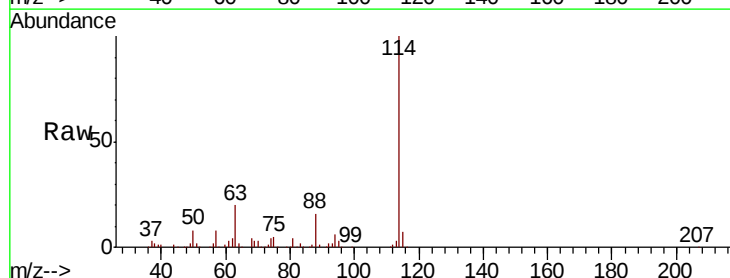
Tgt Ion: 114 Resp: 443586

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

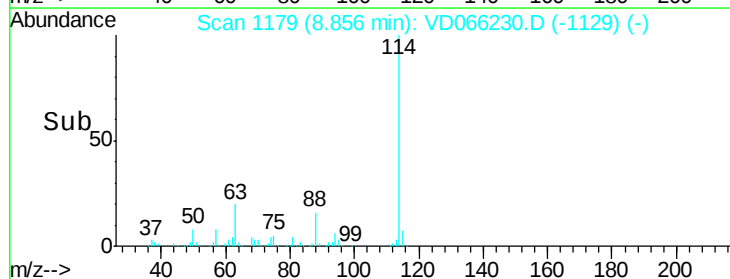
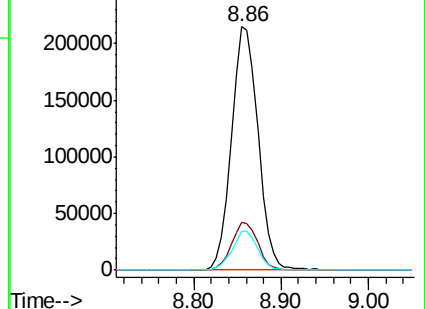
88 16.1 0.0 30.0

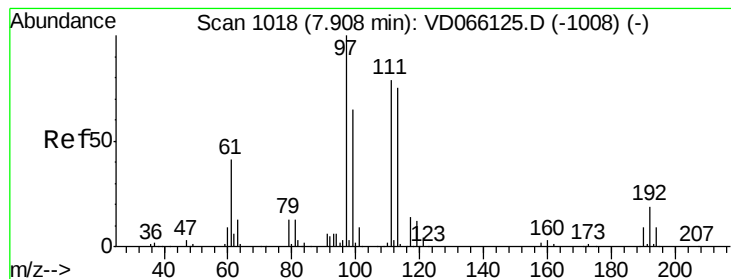


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 48.990 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBS01

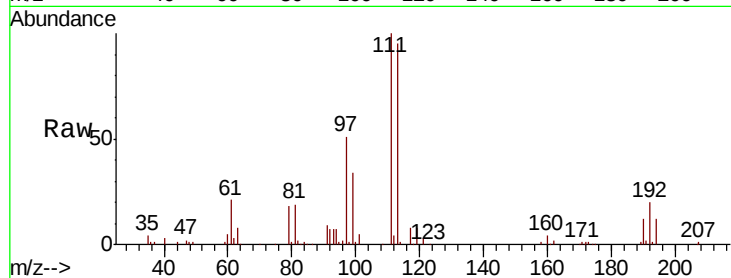
Tot Ion:113 Resp: 137665

Ion Ratio Lower Upper

113 100

111 105.9 80.7 121.1

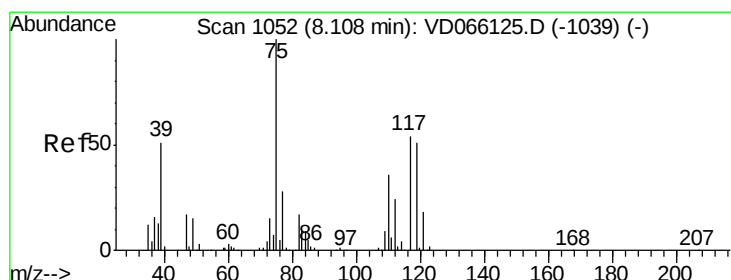
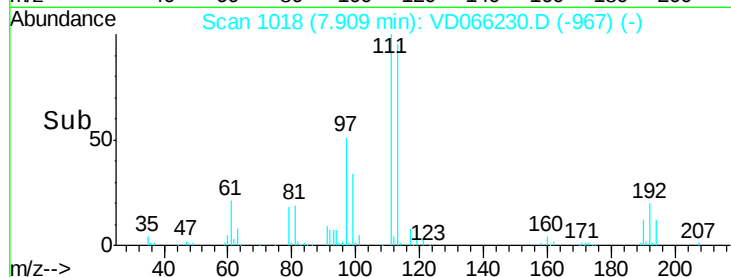
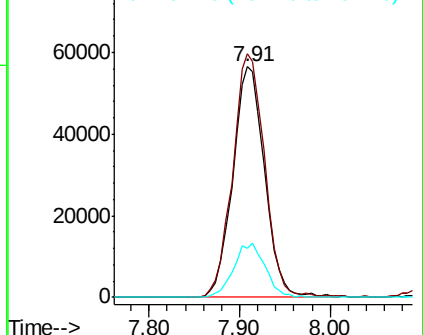
192 23.3 18.4 27.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.400 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

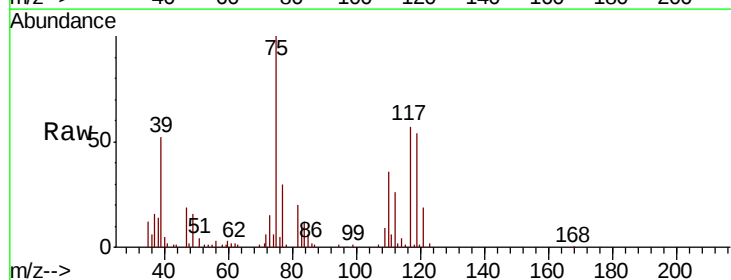
Tgt Ion: 75 Resp: 80866

Ion Ratio Lower Upper

75 100

110 37.7 18.8 56.3

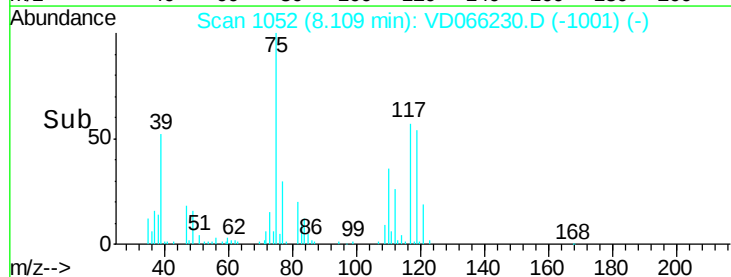
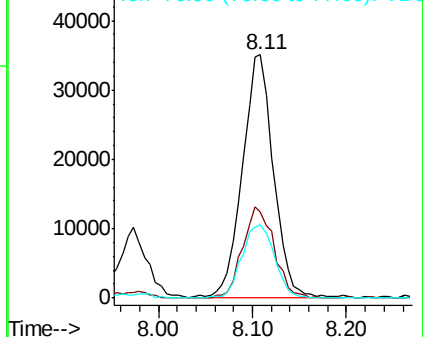
77 31.4 24.2 36.2

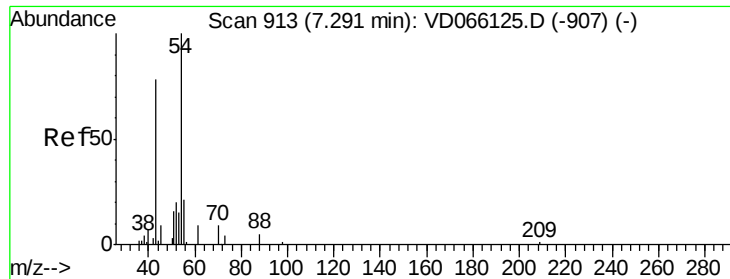


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

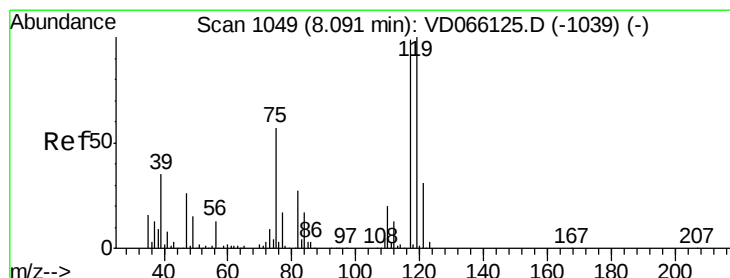
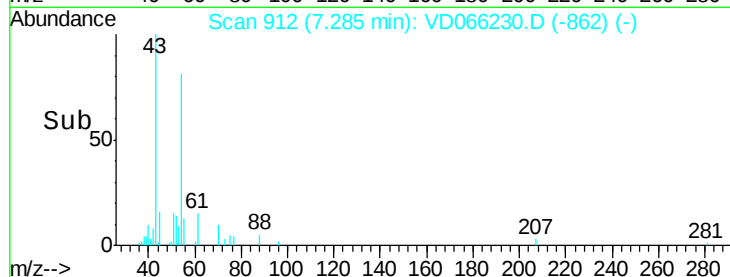
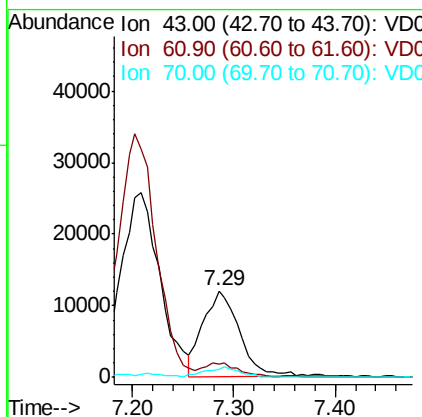
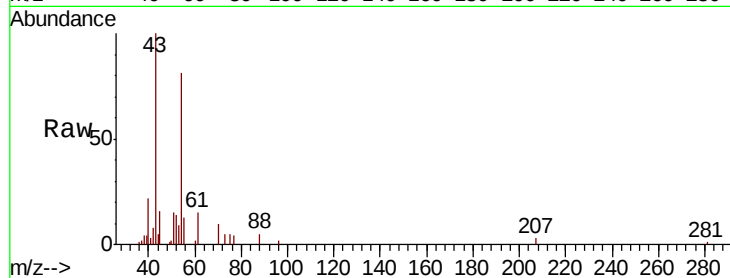




#37
Ethyl Acetate
Concen: 17.981 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

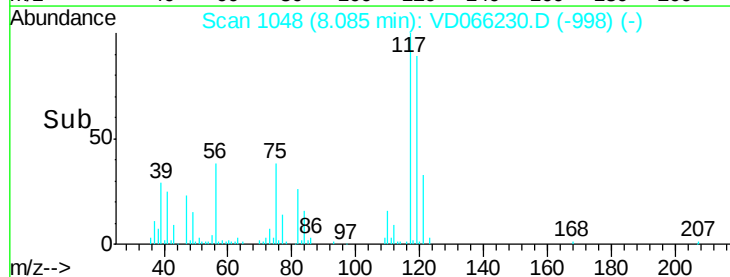
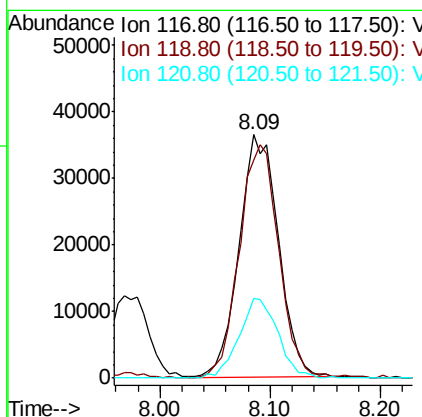
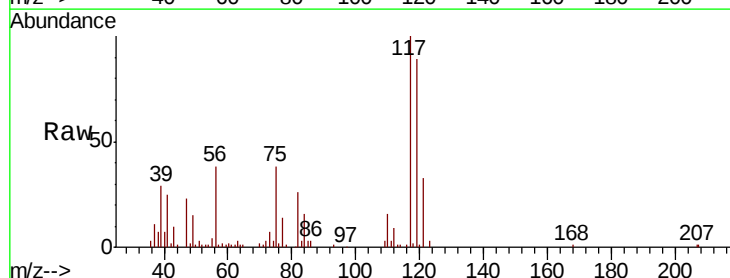
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBS01

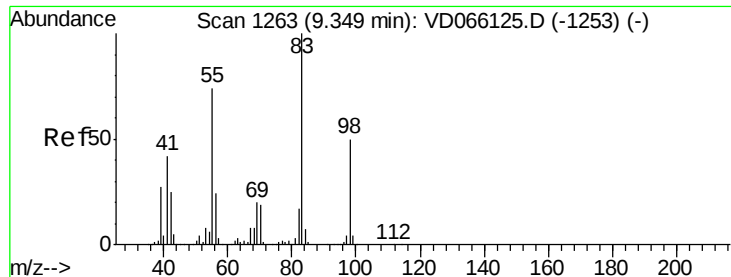
Tot Ion: 43 Resp: 29697
Ion Ratio Lower Upper
43 100
61 16.4 12.0 18.0
70 11.4 9.7 14.5



#38
Carbon Tetrachloride
Concen: 19.676 ug/l
RT: 8.09 min Scan# 1048
Delta R.T. -0.01 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

Tgt Ion: 117 Resp: 91462
Ion Ratio Lower Upper
117 100
119 89.9 81.0 121.4
121 33.0 24.8 37.2

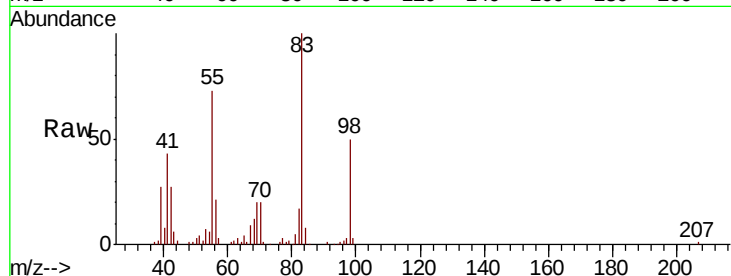




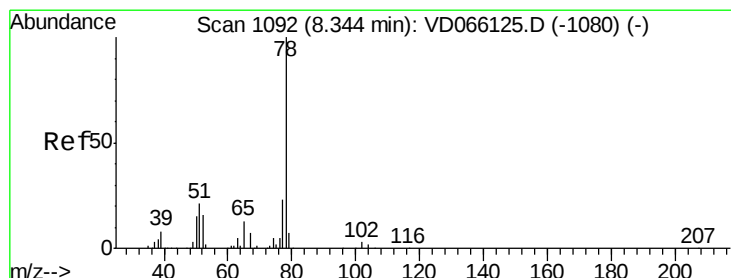
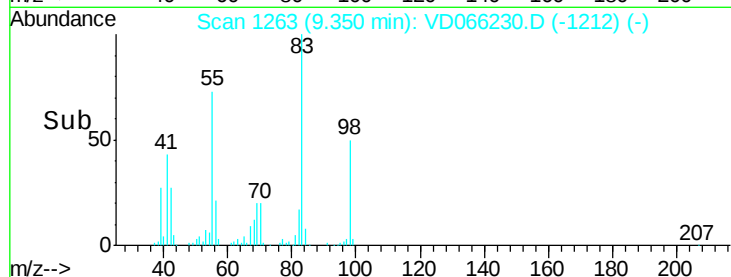
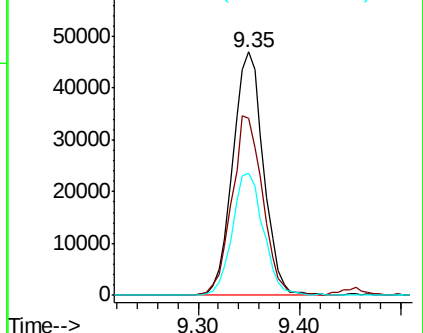
#39
Methvlcvclohexane
Concen: 19.617 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

Instrument :
MSVOA_D
ClientSampleId :
VD0814SBS01

Tot Ion: 83 Resp: 98848
Ion Ratio Lower Upper
83 100
55 72.6 59.2 88.8
98 50.2 39.8 59.6

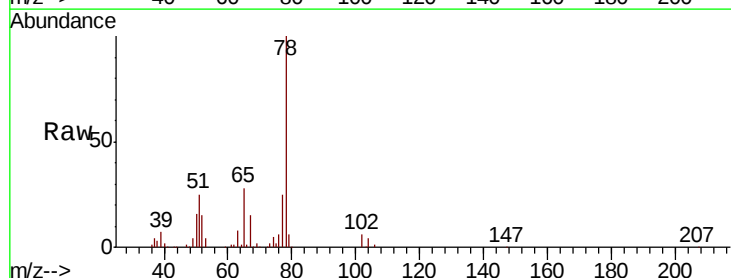


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

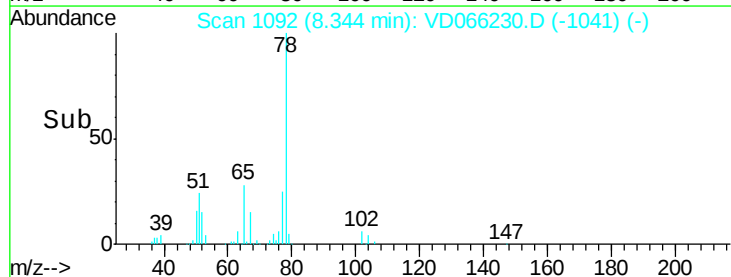
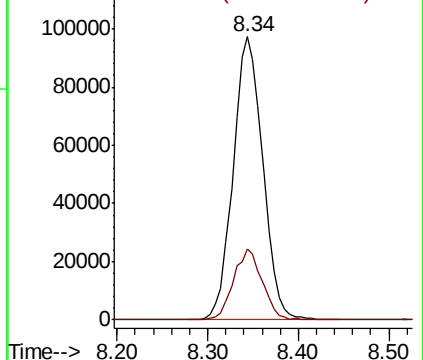


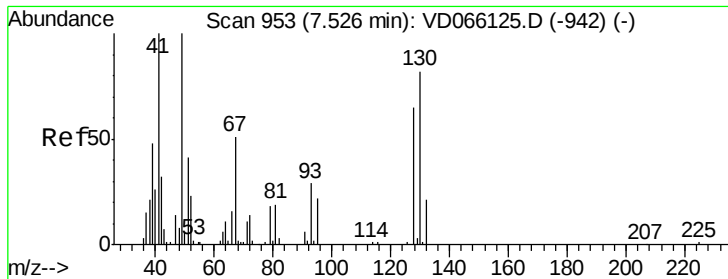
#40
Benzene
Concen: 19.115 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

Tgt Ion: 78 Resp: 221031
Ion Ratio Lower Upper
78 100
77 25.0 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

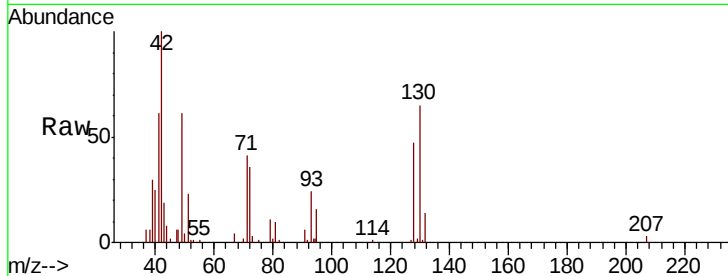




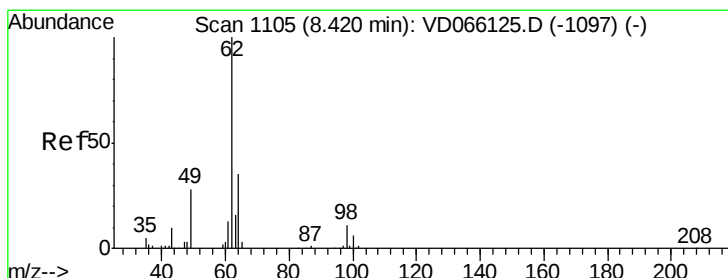
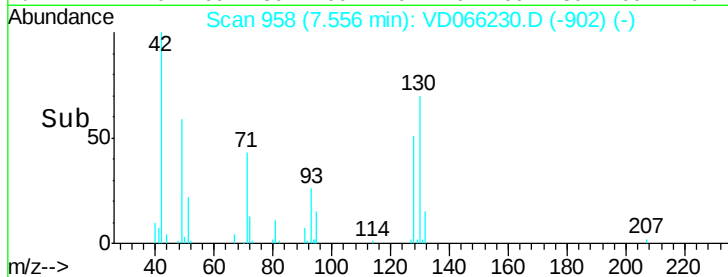
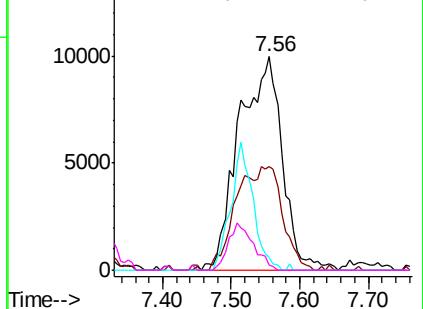
#41
Methacrylonitrile
Concen: 44.865 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.03 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

Instrument :
MSVOA_D
ClientSampleId :
VD0814SBS01

Tot Ion: 41 Resp: 43567
Ion Ratio Lower Upper
41 100
39 52.0 47.5 71.3
67 0.0 59.1 88.7#
52 0.0 25.4 38.0#

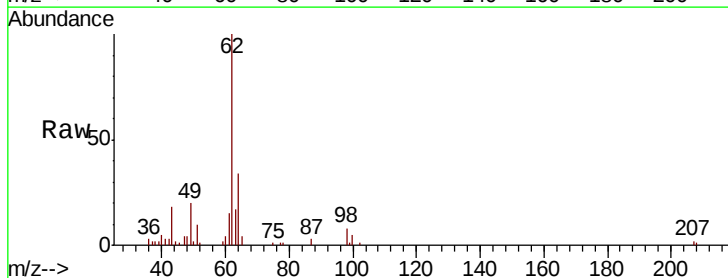


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

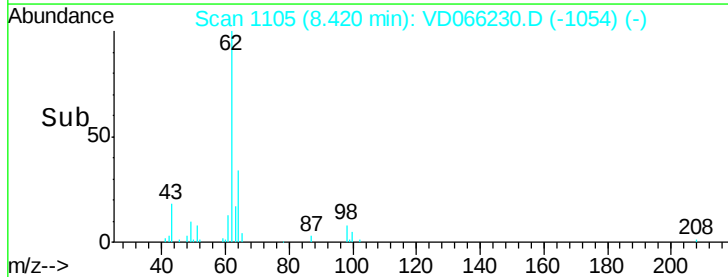
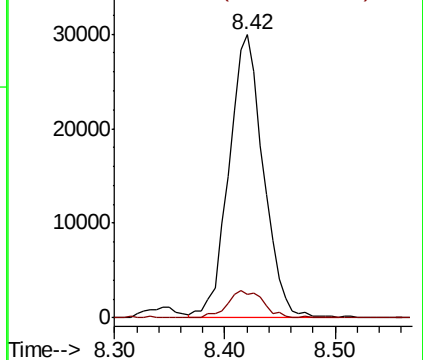


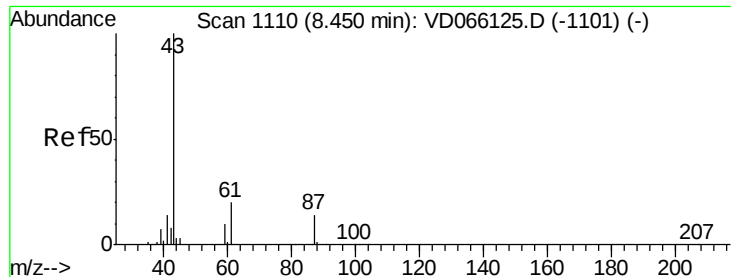
#42
1,2-Dichloroethane
Concen: 19.309 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

Tgt Ion: 62 Resp: 65591
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 17.558 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBS01

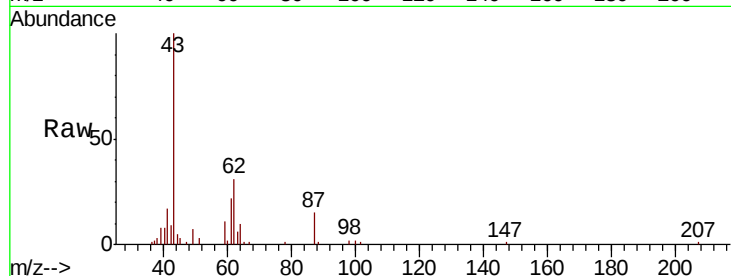
Tot Ion: 43 Resp: 57135

Ion Ratio Lower Upper

43 100

61 33.3 25.5 38.3

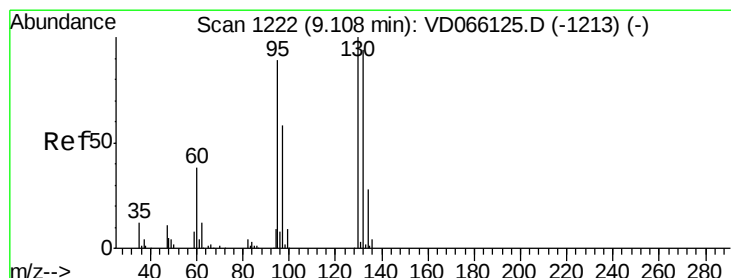
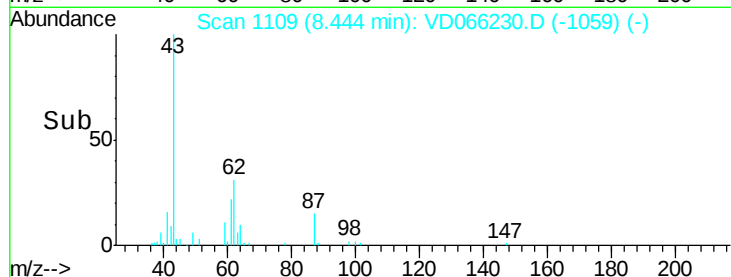
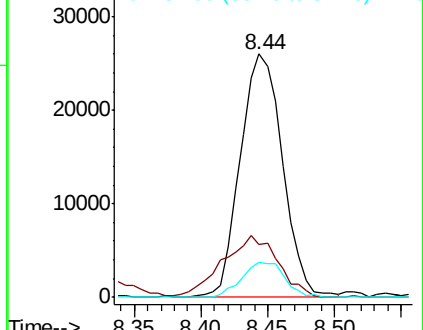
87 14.7 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 19.854 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066230.D

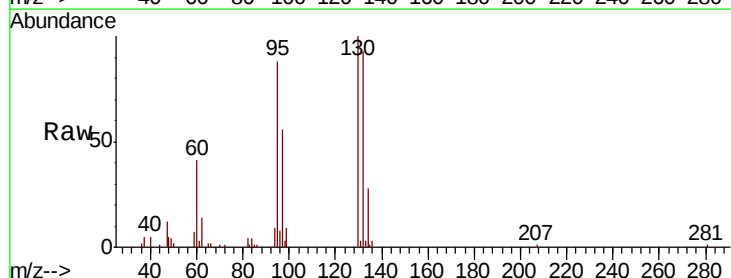
Acq: 14 Aug 2020 12:16

Tgt Ion: 130 Resp: 69181

Ion Ratio Lower Upper

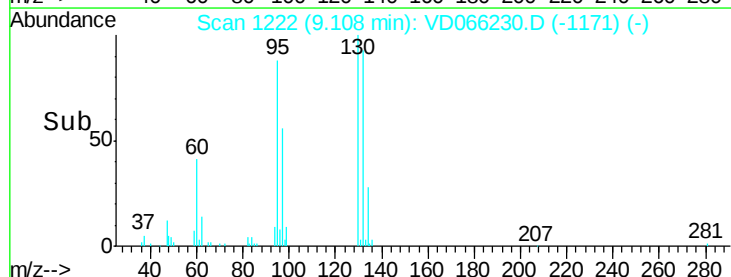
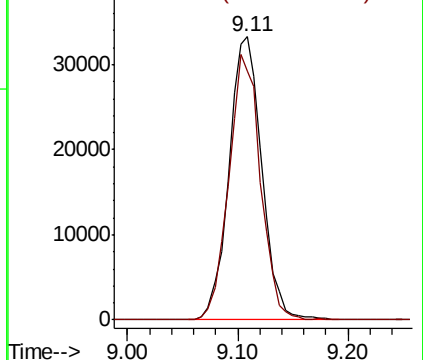
130 100

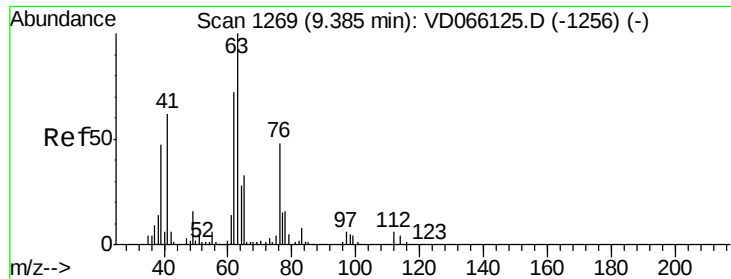
95 87.9 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 18.630 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

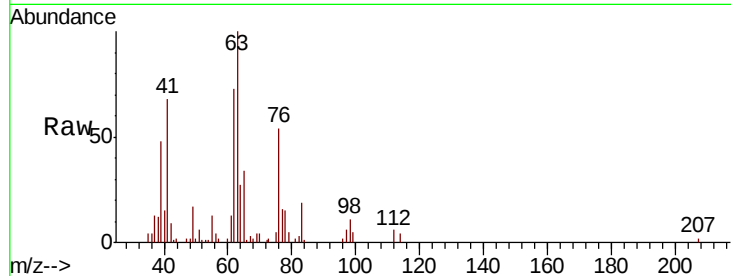
VD0814SBS01

Tot Ion: 63 Resp: 52687

Ion Ratio Lower Upper

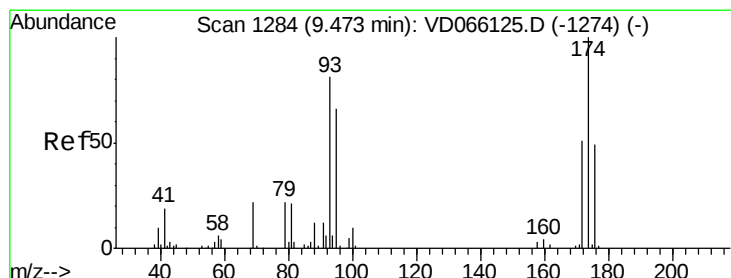
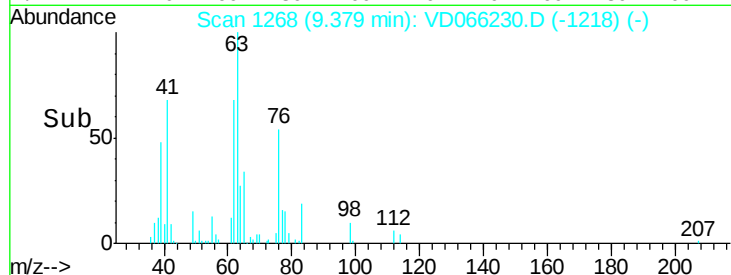
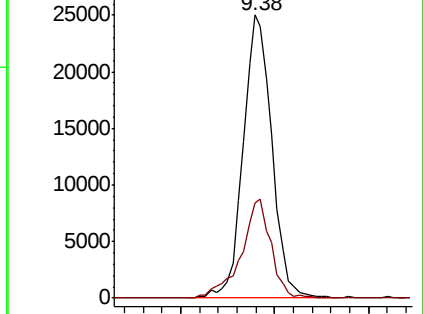
63 100

65 33.6 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 19.021 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

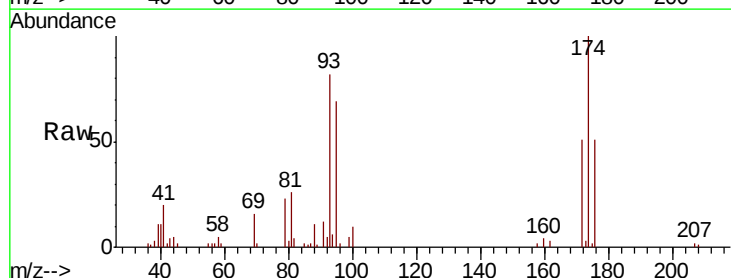
Tgt Ion: 93 Resp: 29631

Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.6

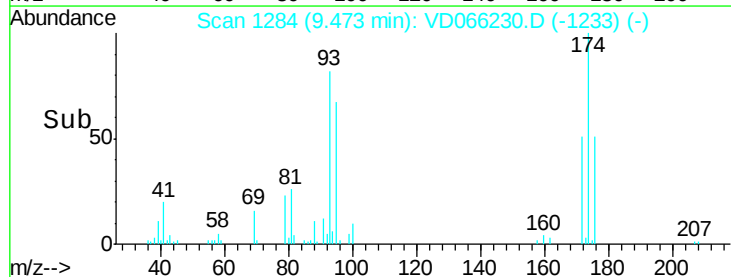
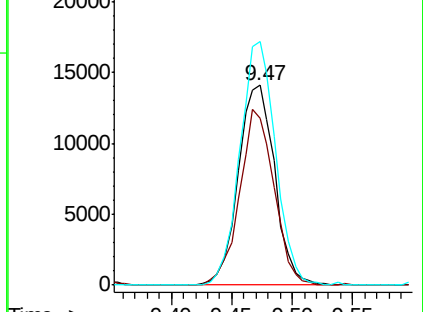
174 118.9 92.8 139.2

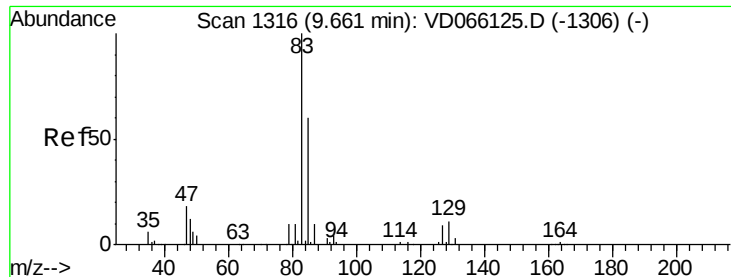


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 18.942 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBS01

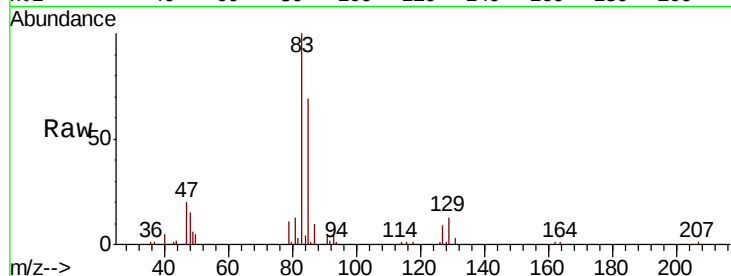
Tot Ion: 83 Resp: 77988

Ion Ratio Lower Upper

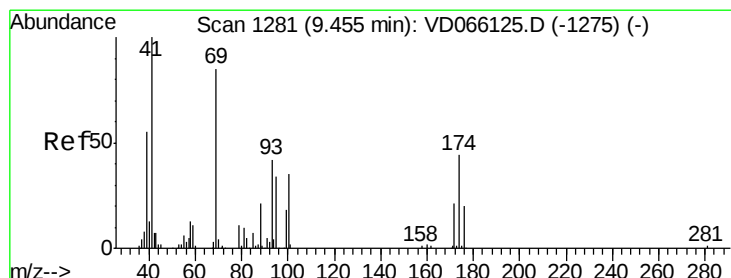
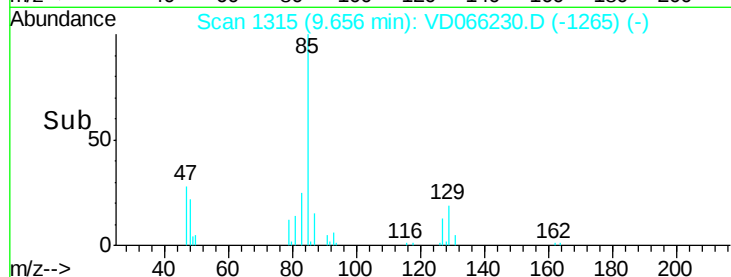
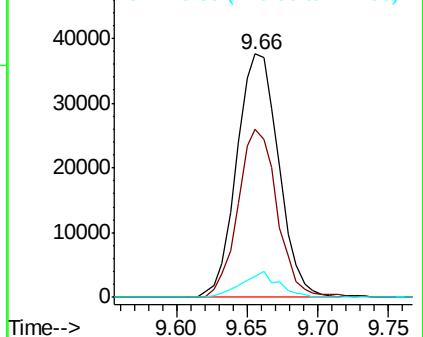
83 100

85 69.1 48.2 72.4

127 8.7 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 16.804 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

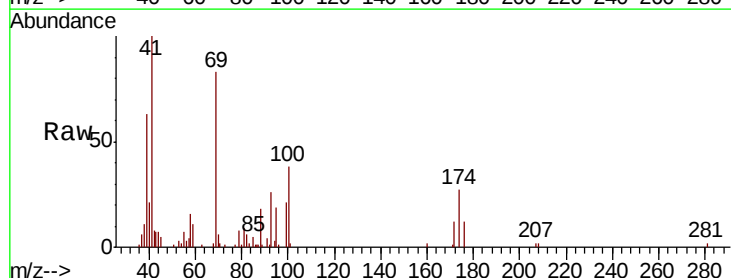
Tgt Ion: 41 Resp: 27921

Ion Ratio Lower Upper

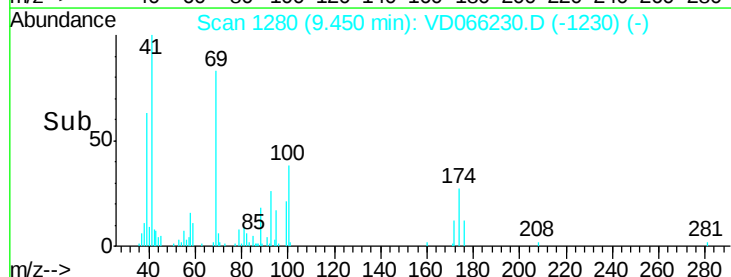
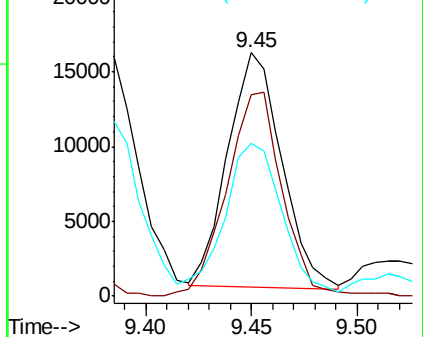
41 100

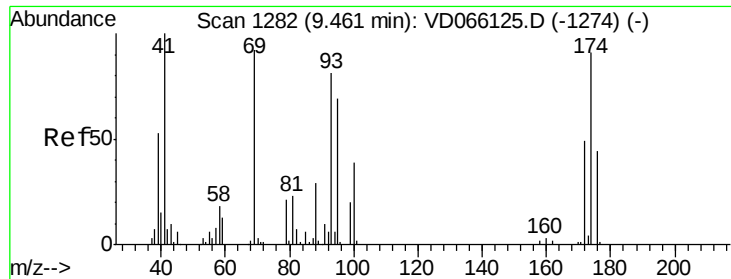
69 89.4 63.9 95.9

39 65.0 42.6 64.0#



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

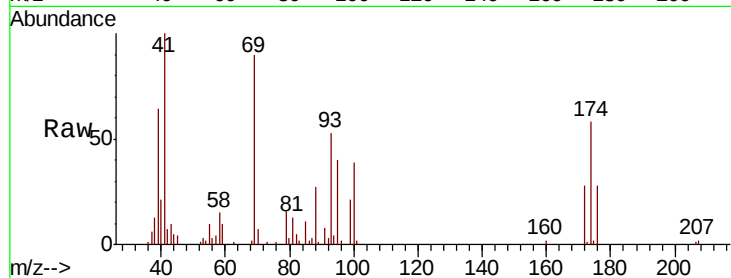




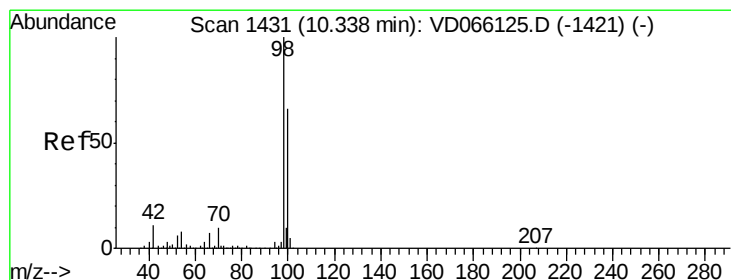
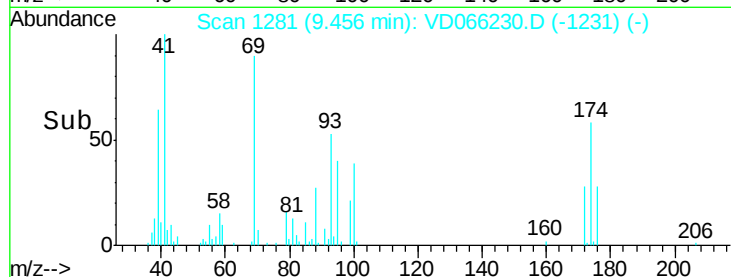
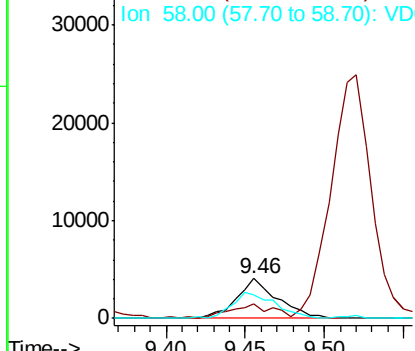
#49
1,4-Dioxane
Concen: 357.356 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

Instrument :
MSVOA_D
ClientSampleId :
VD0814SBS01

Tot Ion: 88 Resp: 7152
Ion Ratio Lower Upper
88 100
43 39.2 27.5 41.3
58 69.6 50.2 75.4

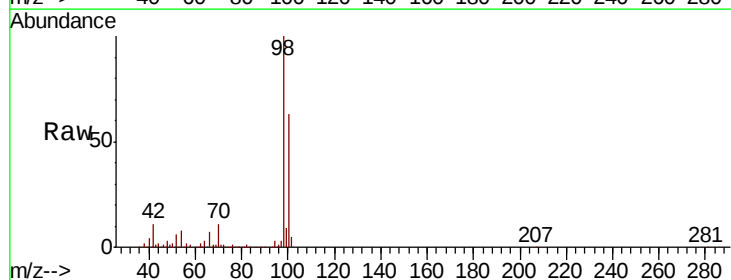


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

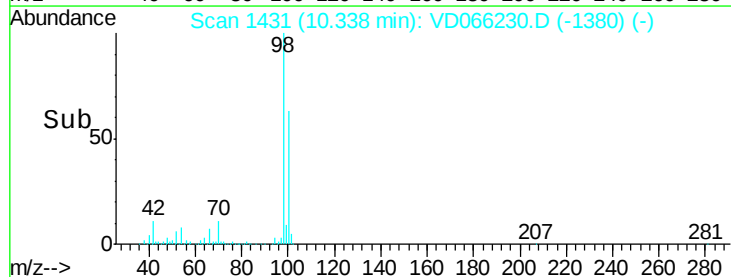
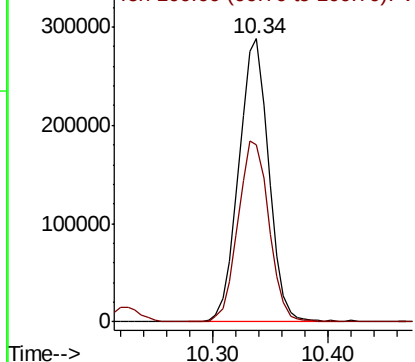


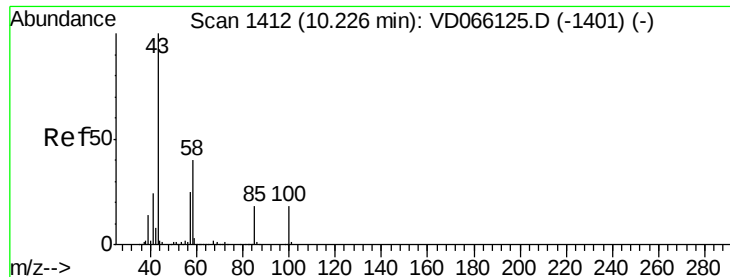
#50
Toluene-d8
Concen: 50.091 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

Tgt Ion: 98 Resp: 519433
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 87.696 ug/l

RT: 10.22 min Scan# 1411

Delta R.T. -0.01 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

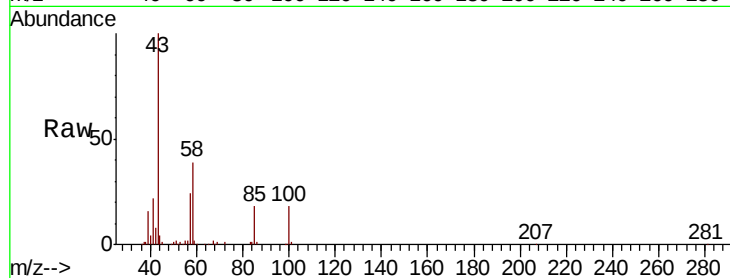
VD0814SBS01

Tot Ion: 43 Resp: 146582

Ion Ratio Lower Upper

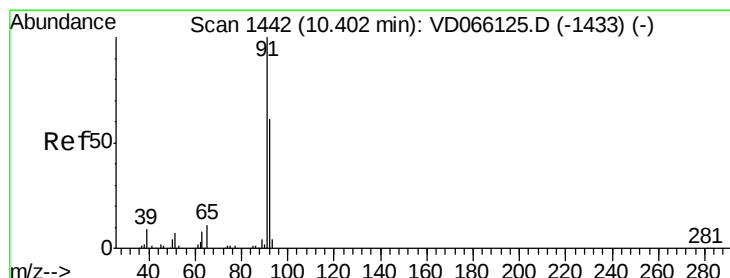
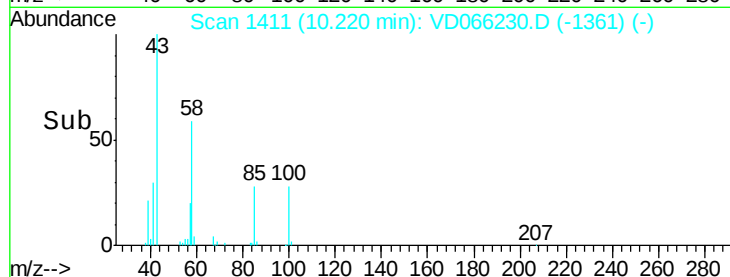
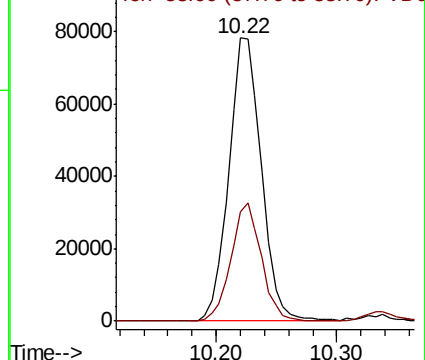
43 100

58 38.9 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 19.515 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066230.D

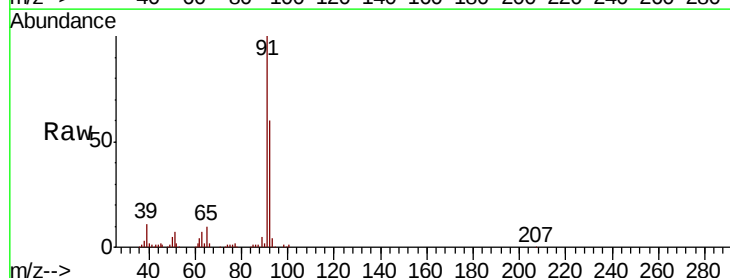
Acq: 14 Aug 2020 12:16

Tgt Ion: 92 Resp: 148487

Ion Ratio Lower Upper

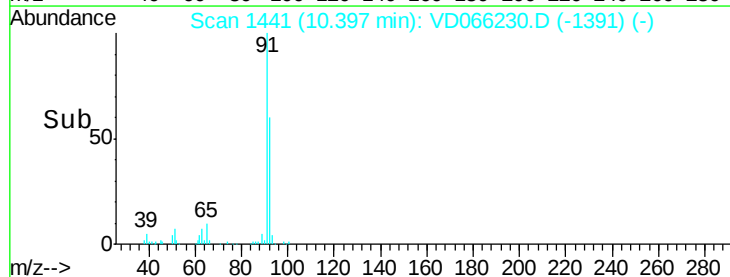
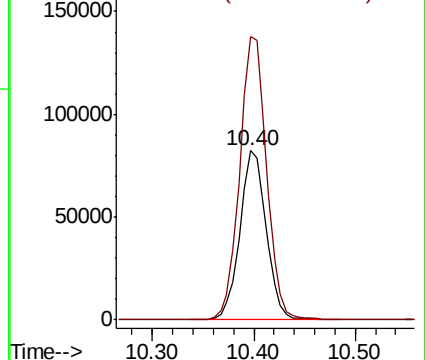
92 100

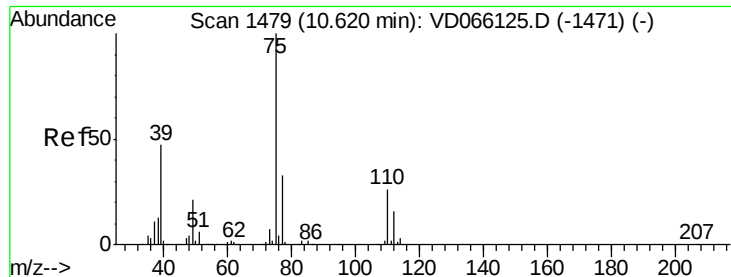
91 171.0 135.2 202.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 19.240 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

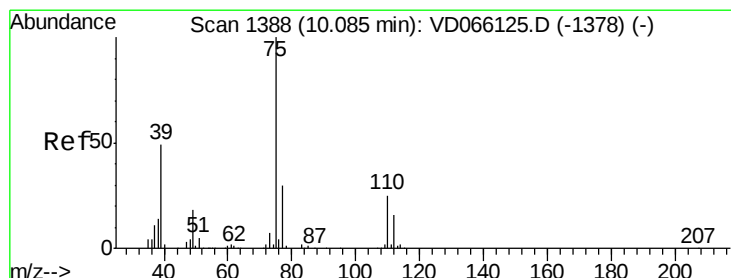
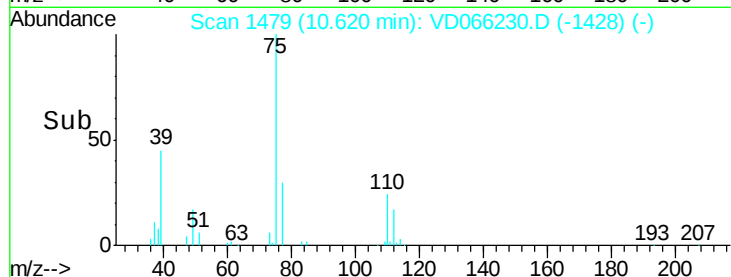
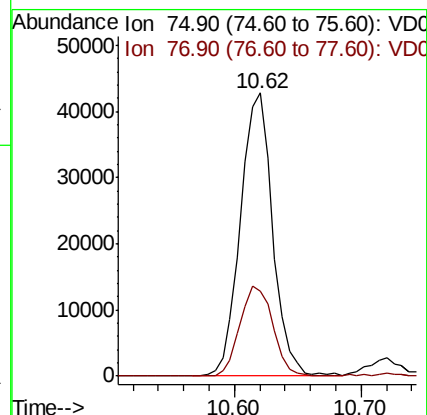
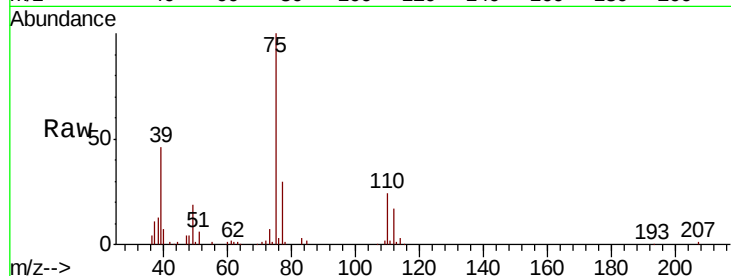
VD0814SBS01

Tot Ion: 75 Resp: 75175

Ion Ratio Lower Upper

75 100

77 29.9 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 19.118 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

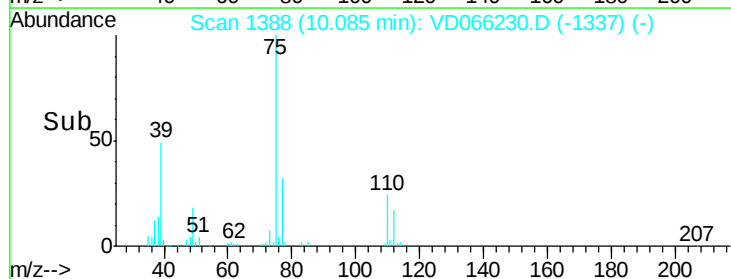
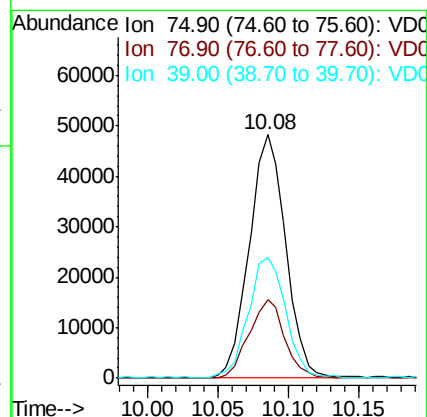
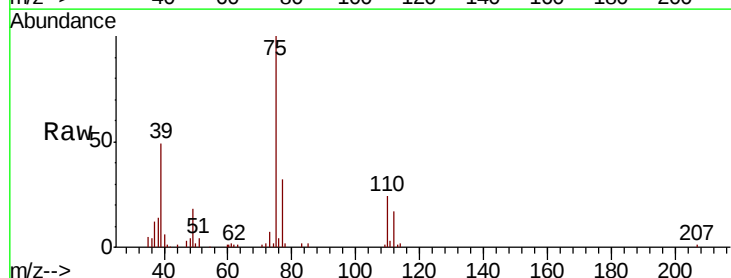
Tgt Ion: 75 Resp: 87522

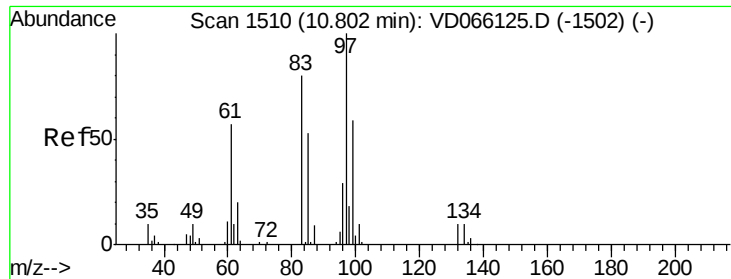
Ion Ratio Lower Upper

75 100

77 32.4 24.3 36.5

39 49.3 39.3 58.9

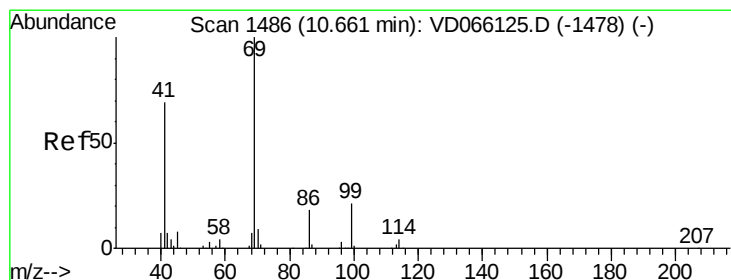
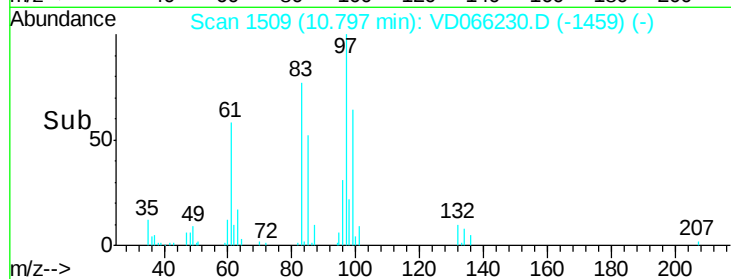
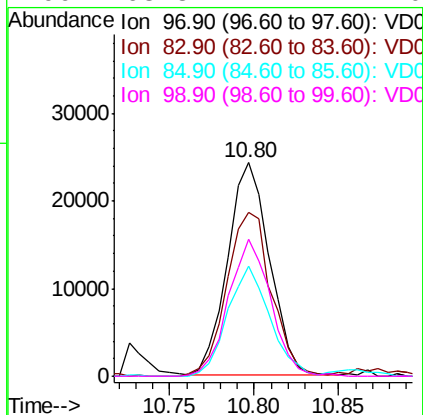
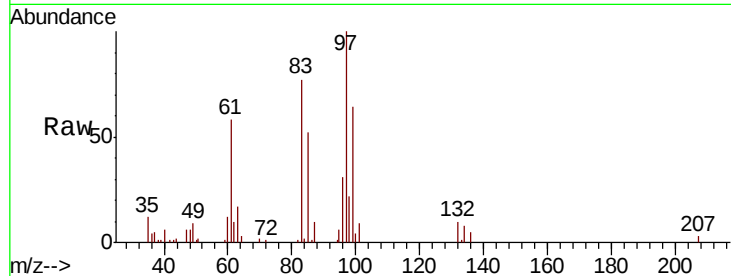




#55
 1,1,2-Trichloroethane
 Concen: 18.646 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066230.D
 Acq: 14 Aug 2020 12:16

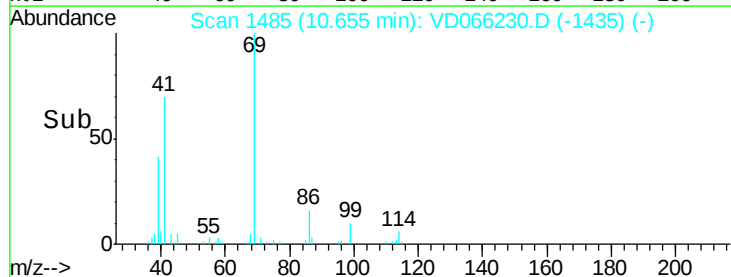
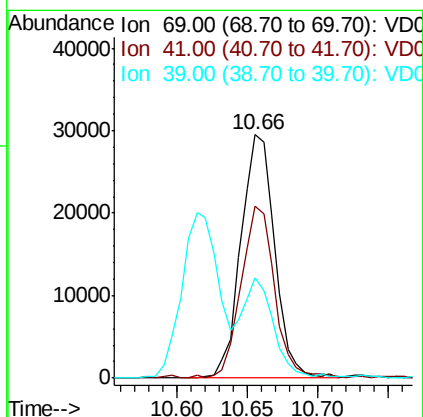
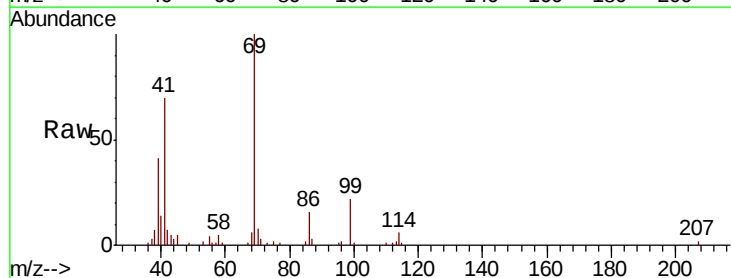
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0814SBS01

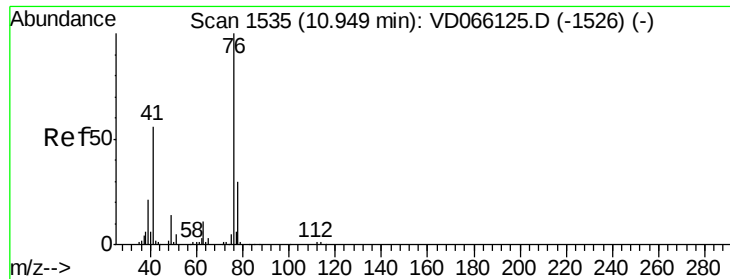
Tot Ion:	97	Resp:	41825
Ion	Ratio	Lower	Upper
97	100		
83	76.1	63.9	95.9
85	52.0	42.5	63.7
99	63.8	47.4	71.0



#56
 Ethyl methacrylate
 Concen: 18.402 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066230.D
 Acq: 14 Aug 2020 12:16

Tgt Ion:	69	Resp:	49588
Ion	Ratio	Lower	Upper
69	100		
41	70.2	54.1	81.1
39	37.2	28.6	43.0

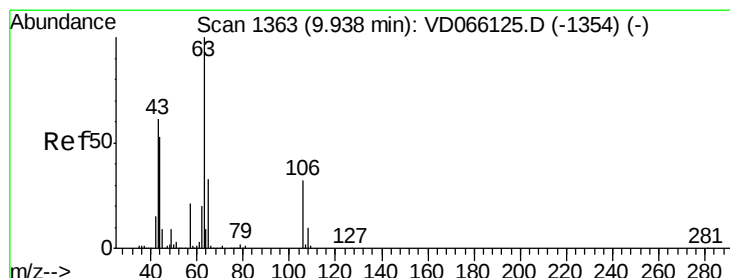
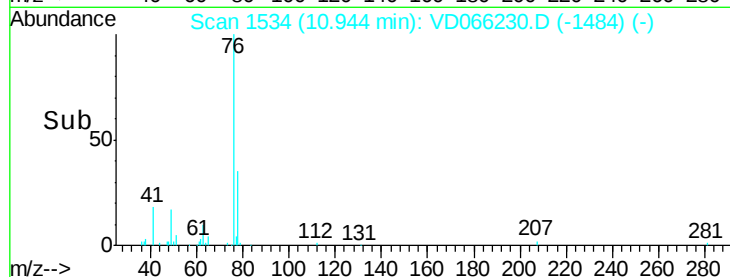
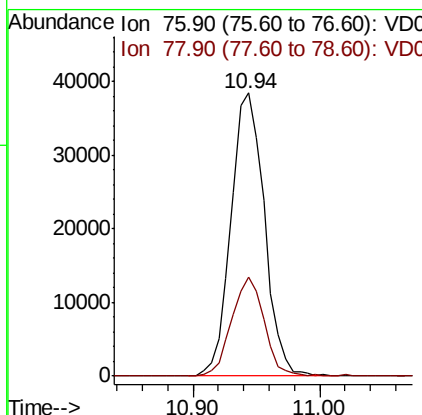
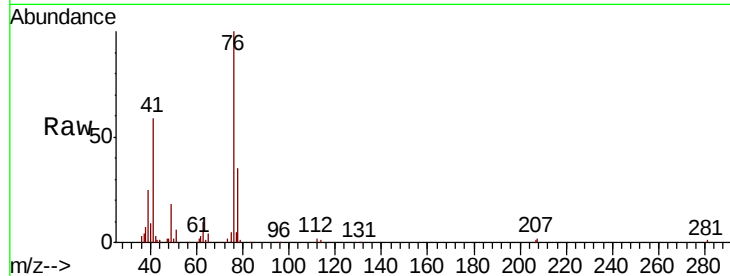




#57
 1,3-Dichloropropane
 Concen: 18.834 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066230.D
 Acq: 14 Aug 2020 12:16

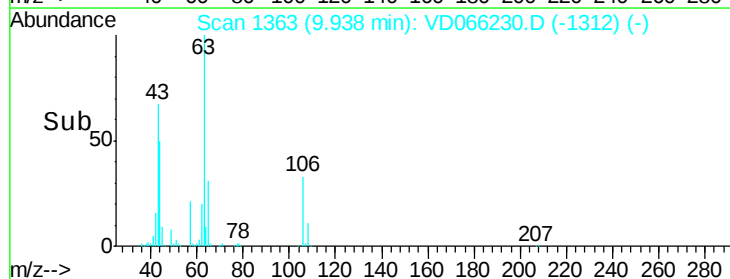
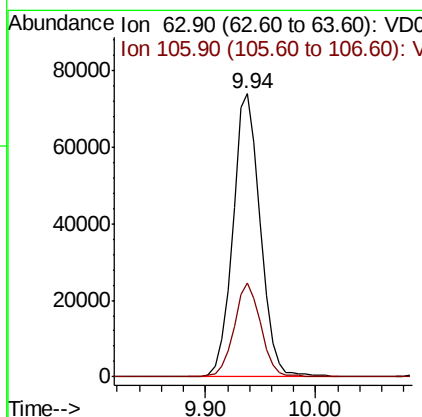
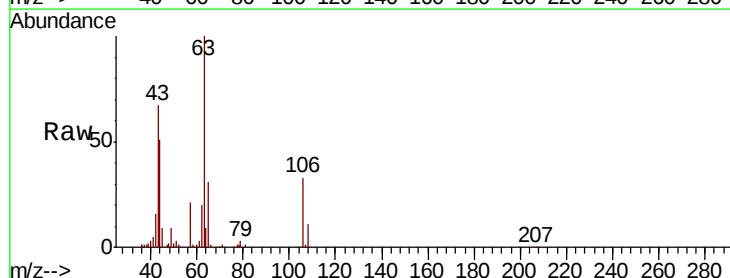
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0814SBS01

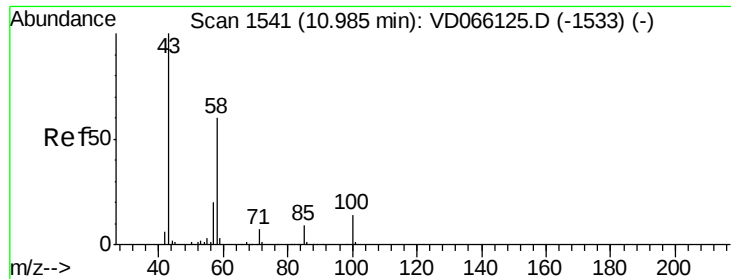
Tot Ion: 76 Resp: 70136
 Ion Ratio Lower Upper
 76 100
 78 34.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.269 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066230.D
 Acq: 14 Aug 2020 12:16

Tgt Ion: 63 Resp: 128808
 Ion Ratio Lower Upper
 63 100
 106 32.3 25.3 37.9

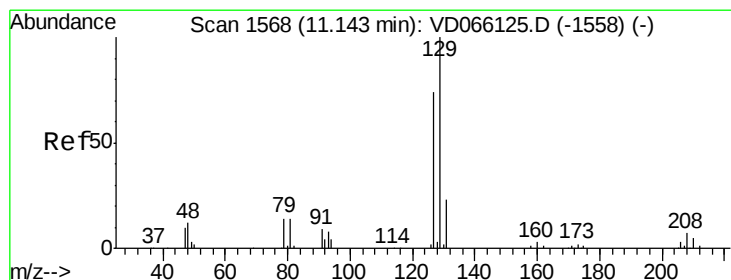
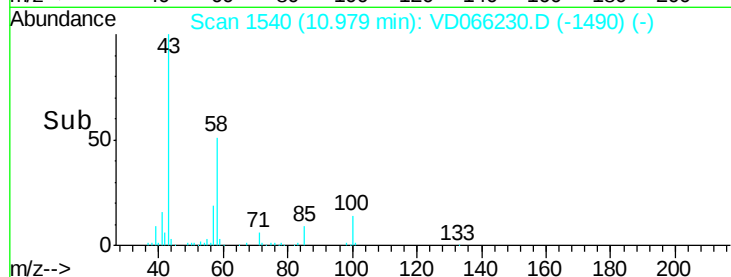
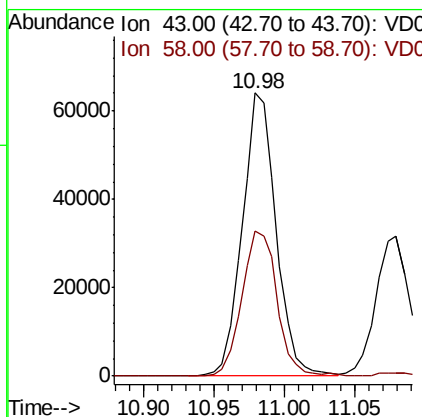
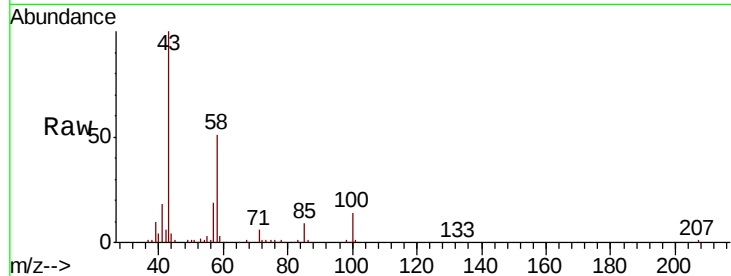




#59
2-Hexanone
Concen: 91.485 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

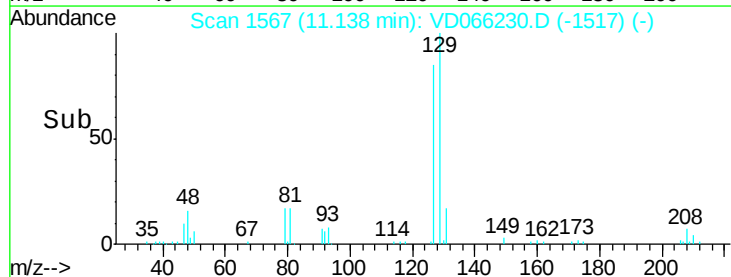
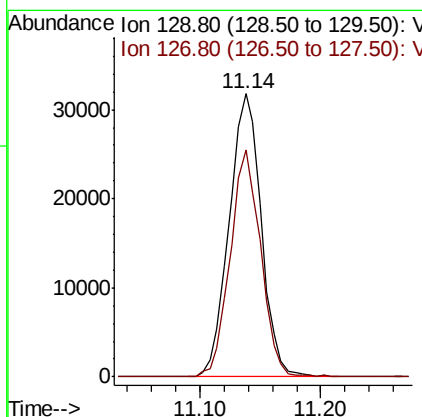
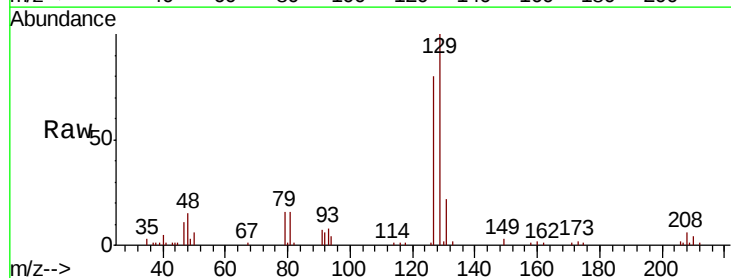
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBS01

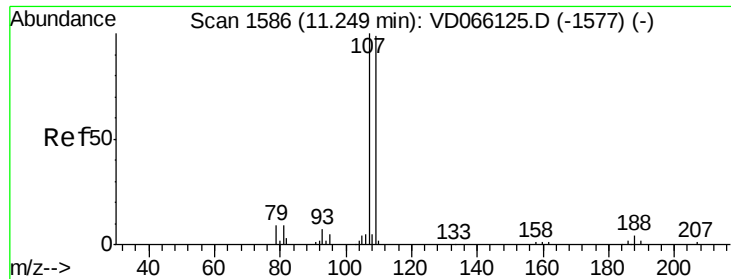
Tot Ion: 43 Resp: 107318
Ion Ratio Lower Upper
43 100
58 53.6 27.8 83.4



#60
Dibromochloromethane
Concen: 18.958 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

Tgt Ion: 129 Resp: 58710
Ion Ratio Lower Upper
129 100
127 76.5 38.0 114.1

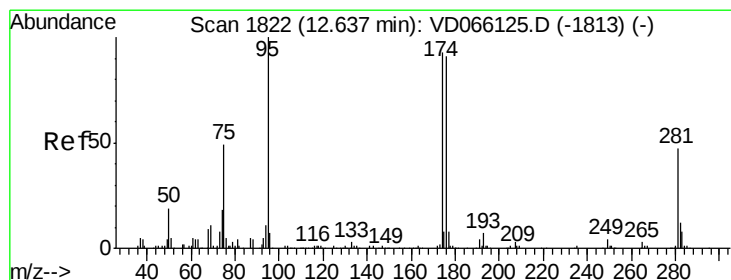
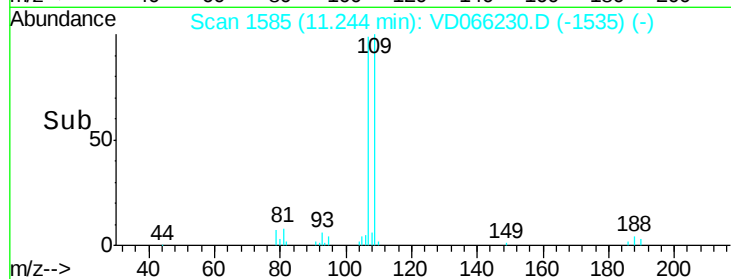
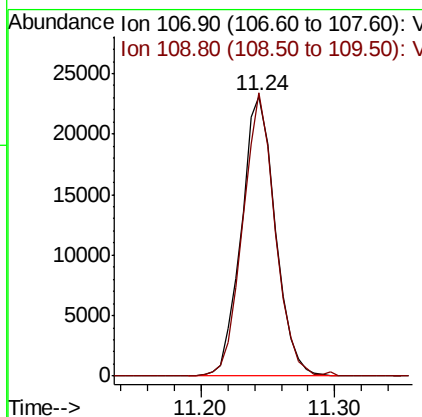
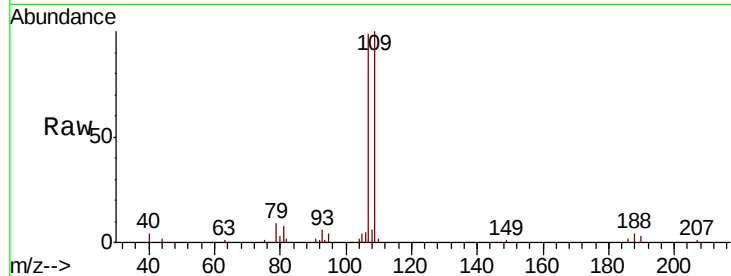




#61
 1,2-Dibromoethane
 Concen: 18.799 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066230.D
 Acq: 14 Aug 2020 12:16

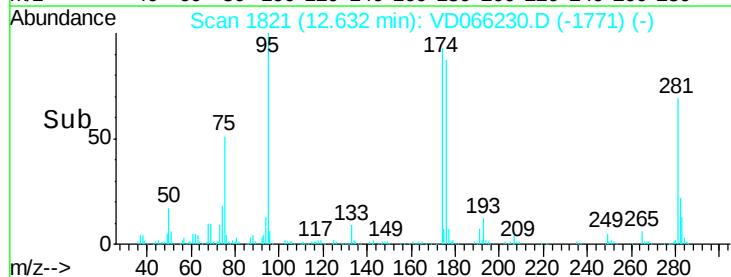
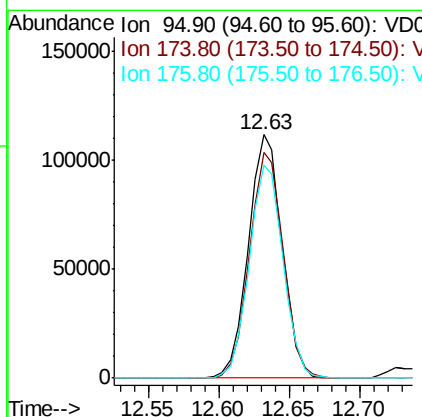
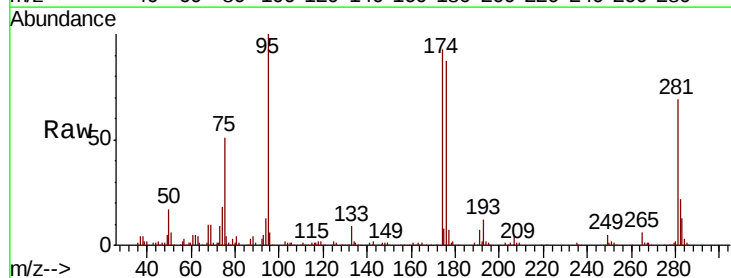
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0814SBS01

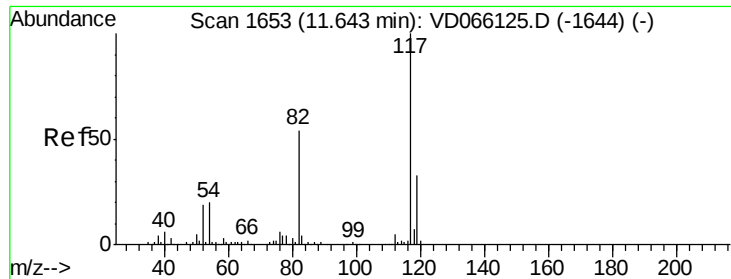
Tot Ion:107 Resp: 40554
 Ion Ratio Lower Upper
 107 100
 109 96.0 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 50.012 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066230.D
 Acq: 14 Aug 2020 12:16

Tgt Ion: 95 Resp: 186941
 Ion Ratio Lower Upper
 95 100
 174 93.3 0.0 180.8
 176 88.4 0.0 181.2

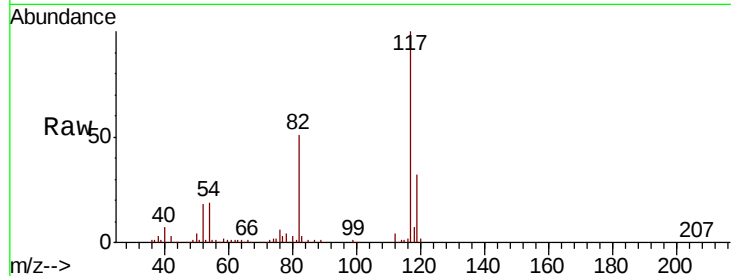




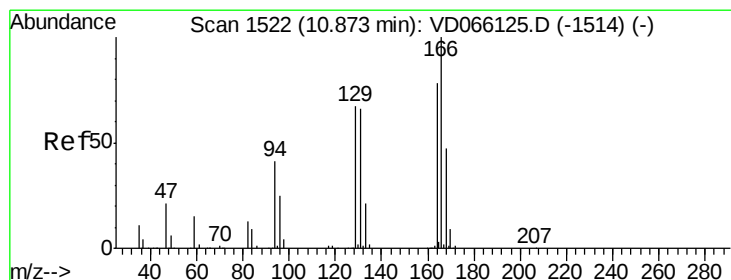
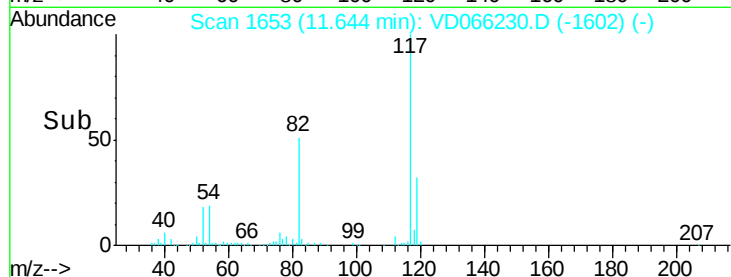
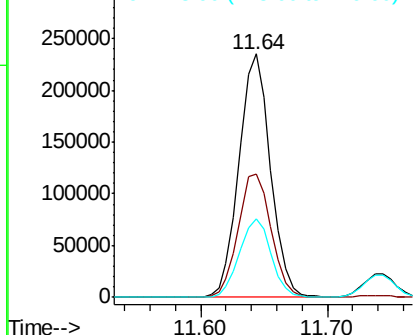
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

Instrument :
MSVOA_D
ClientSampleId :
VD0814SBS01

Tot Ion:117 Resp: 405681
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 32.5 26.1 39.1

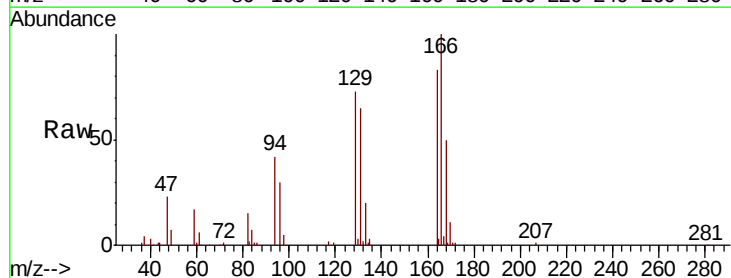


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VD
Ion 118.90 (118.60 to 119.60): V

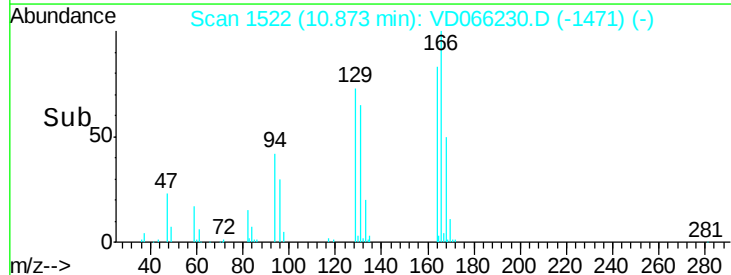
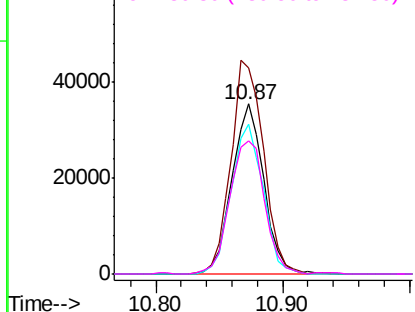


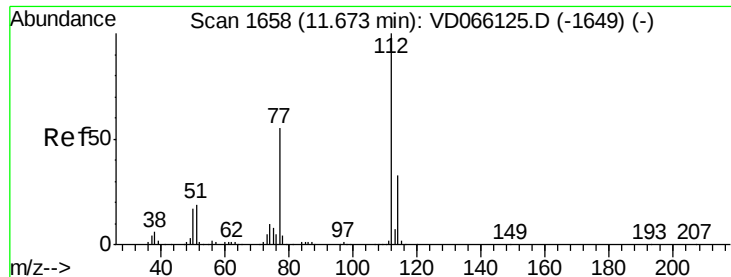
#64
Tetrachloroethene
Concen: 19.693 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

Tgt Ion:164 Resp: 61347
Ion Ratio Lower Upper
164 100
166 121.1 101.9 152.9
129 88.2 68.1 102.1
131 78.4 67.6 101.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

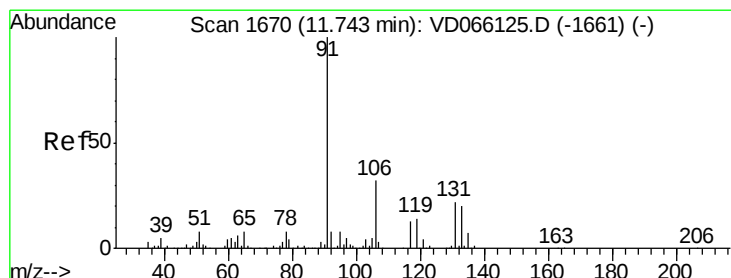
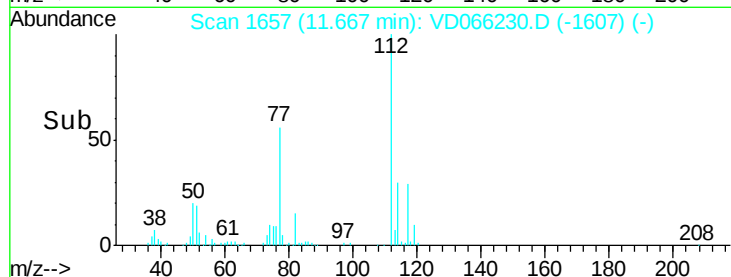
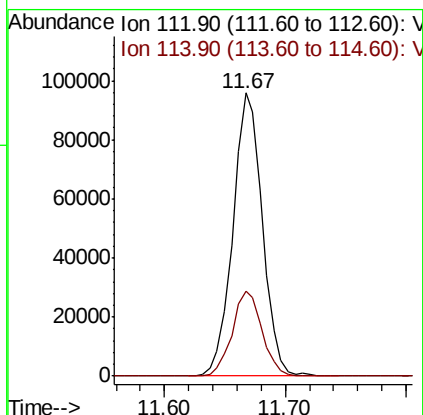
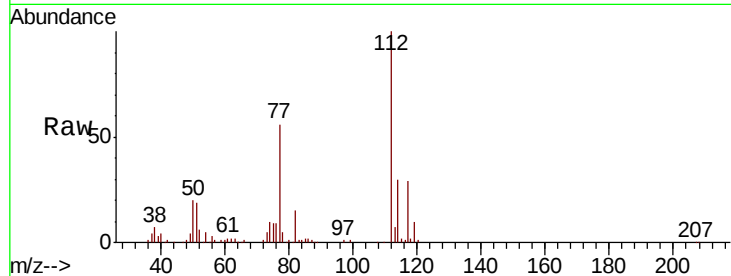




#65
Chlorobenzene
Concen: 19.745 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

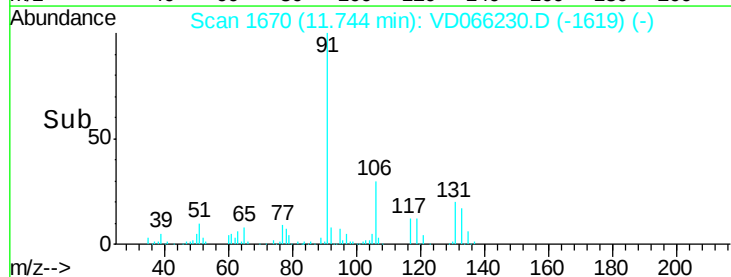
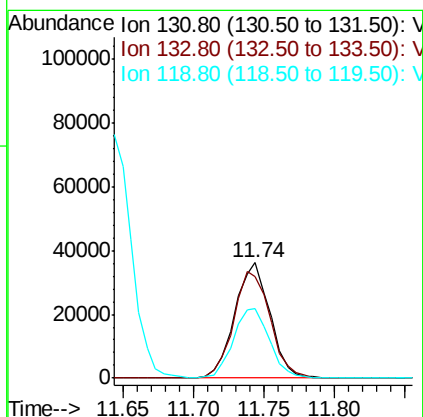
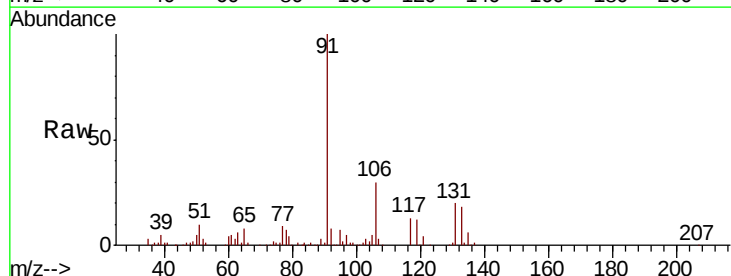
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBS01

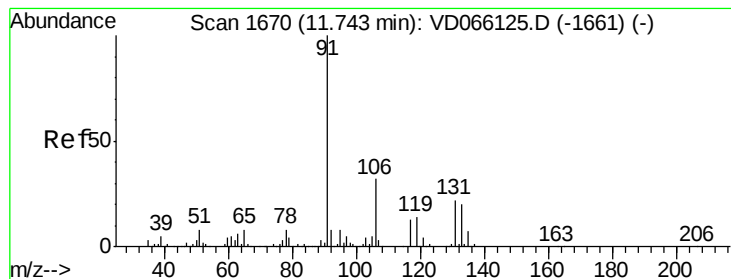
Tot Ion:112 Resp: 162613
Ion Ratio Lower Upper
112 100
114 30.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.607 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

Tgt Ion:131 Resp: 63180
Ion Ratio Lower Upper
131 100
133 96.6 47.1 141.4
119 61.8 31.6 94.7





#67

Ethyl Benzene

Concen: 20.118 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

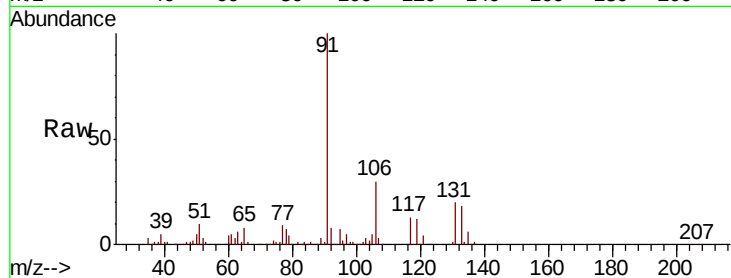
VD0814SBS01

Tot Ion: 91 Resp: 287106

Ion Ratio Lower Upper

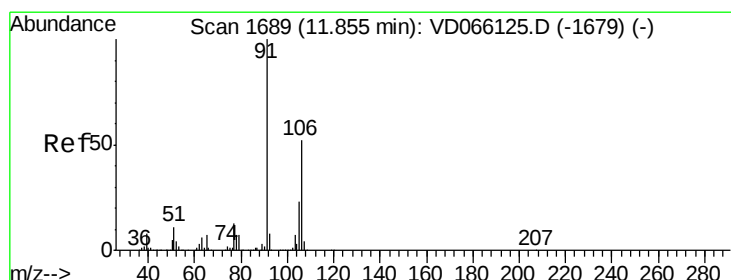
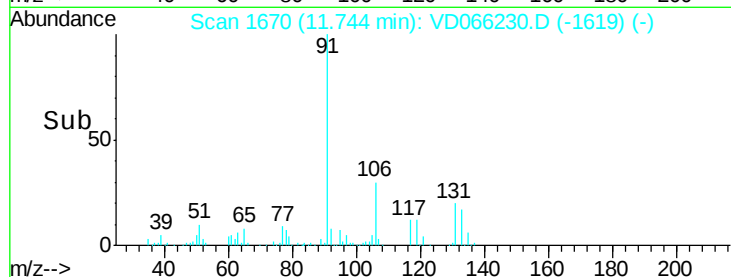
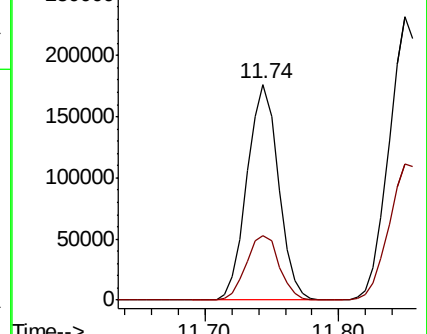
91 100

106 29.6 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 39.995 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VD066230.D

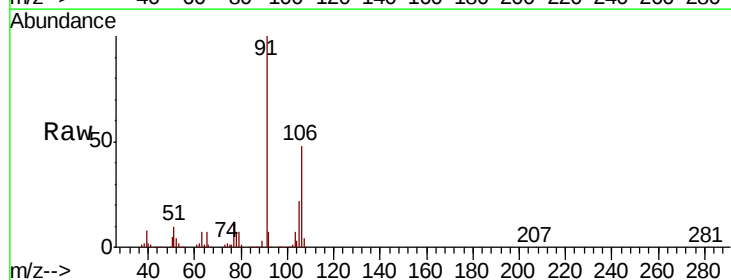
Acq: 14 Aug 2020 12:16

Tgt Ion: 106 Resp: 221145

Ion Ratio Lower Upper

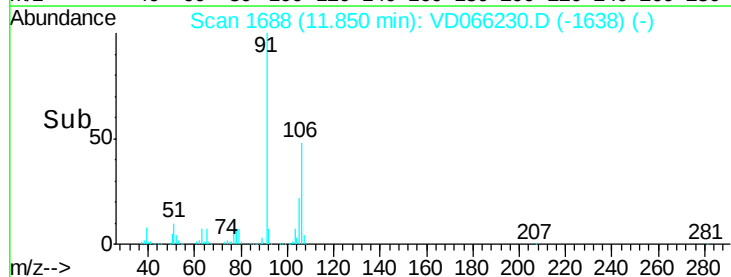
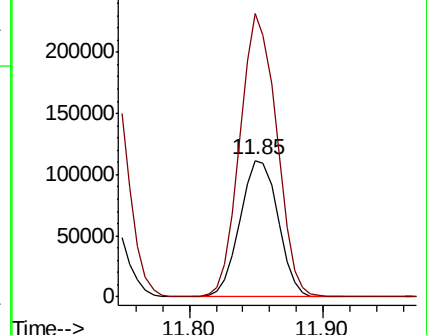
106 100

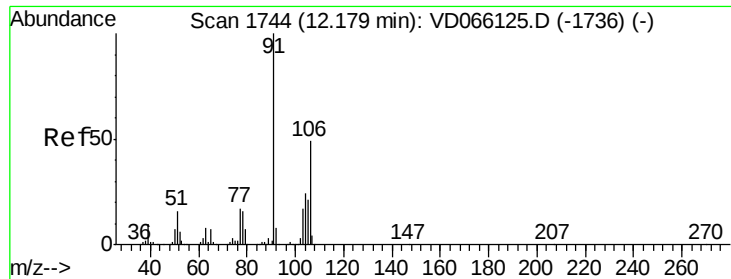
91 200.1 156.6 235.0



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

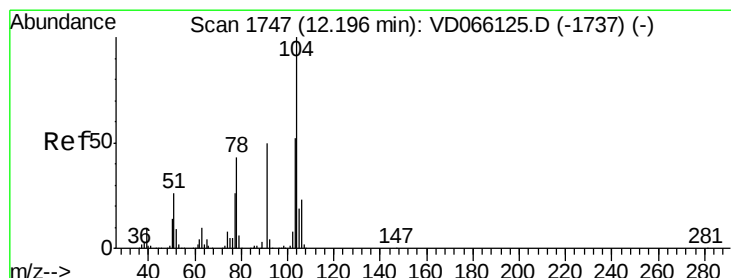
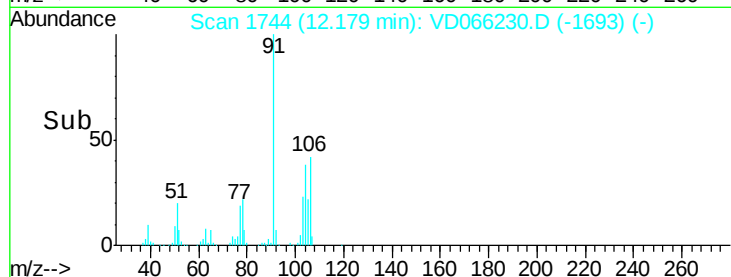
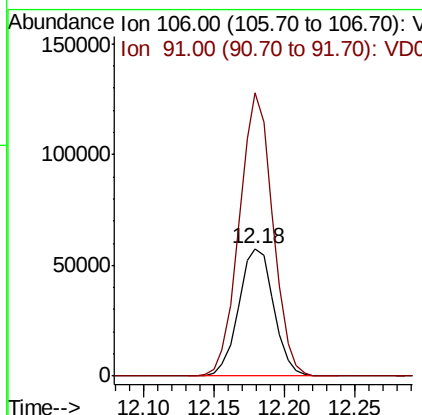
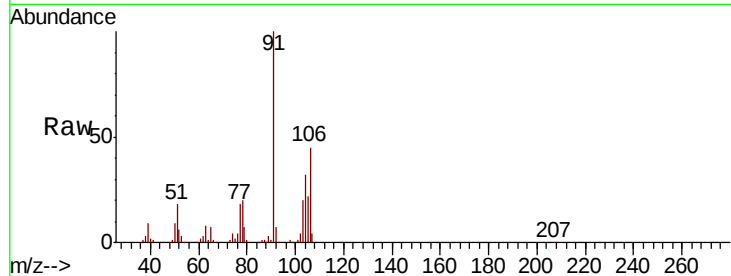




#69
o-Xylene
Concen: 19.819 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

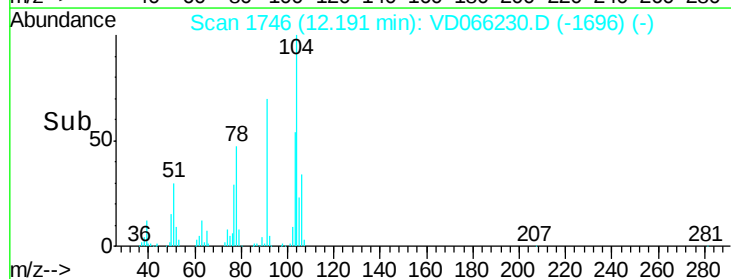
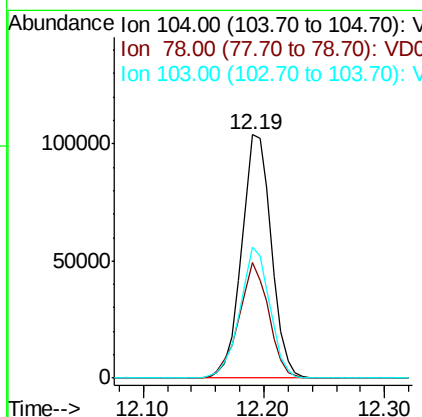
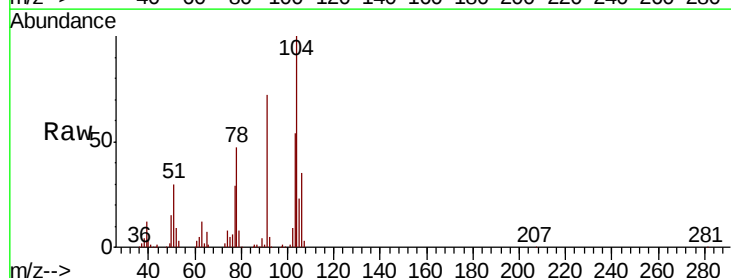
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBS01

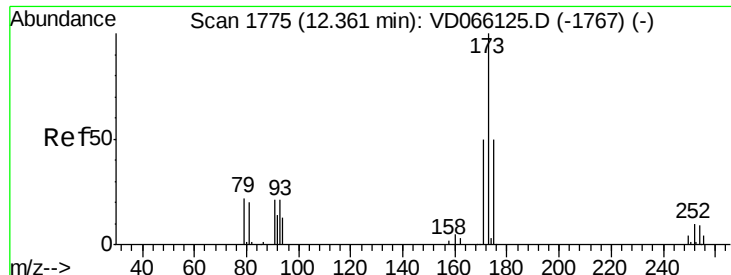
Tot Ion:106 Resp: 99686
Ion Ratio Lower Upper
106 100
91 212.7 105.7 317.1



#70
Styrene
Concen: 20.268 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

Tgt Ion:104 Resp: 178659
Ion Ratio Lower Upper
104 100
78 47.5 38.6 58.0
103 54.3 44.1 66.1





#71

Bromoform

Concen: 18.697 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBS01

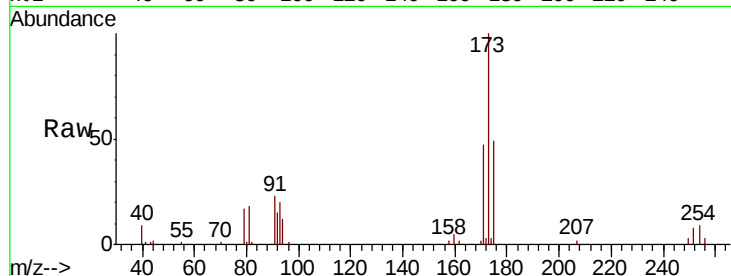
Tot Ion:173 Resp: 35695

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.6

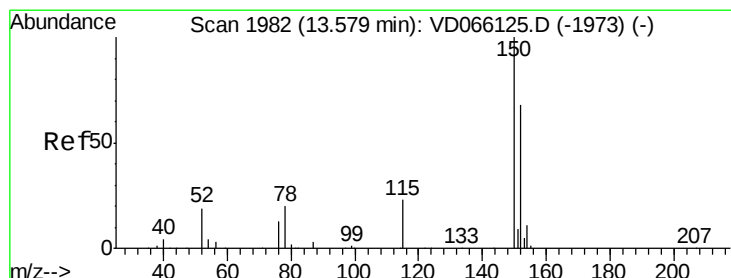
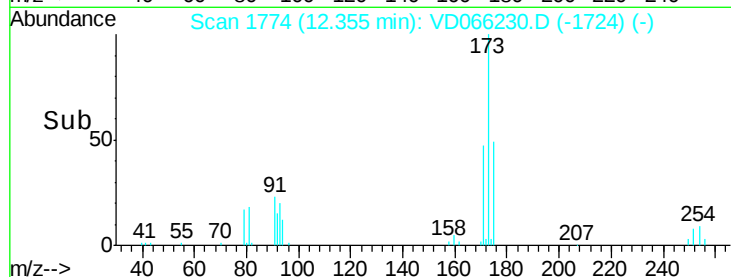
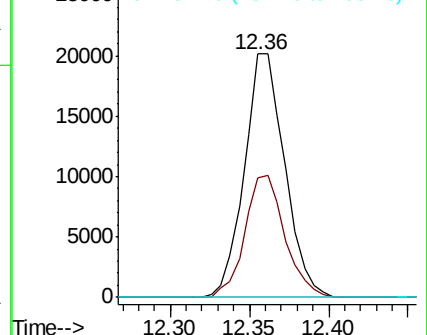
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

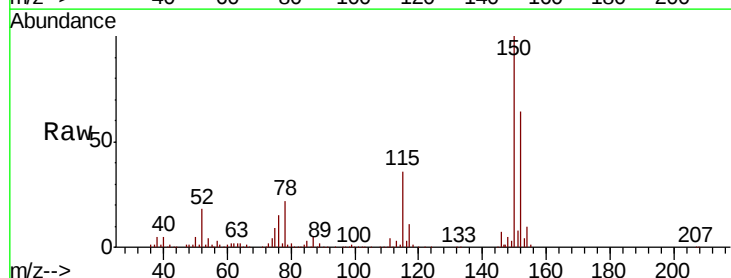
Tgt Ion:152 Resp: 211142

Ion Ratio Lower Upper

152 100

115 56.6 28.0 83.9

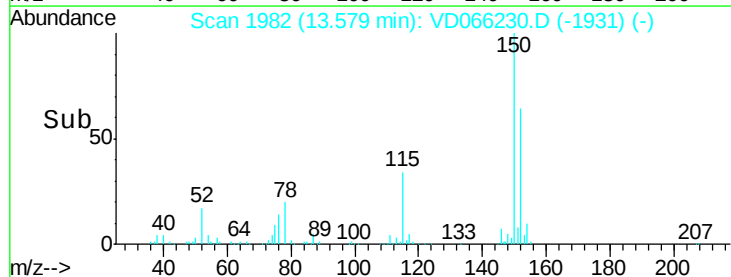
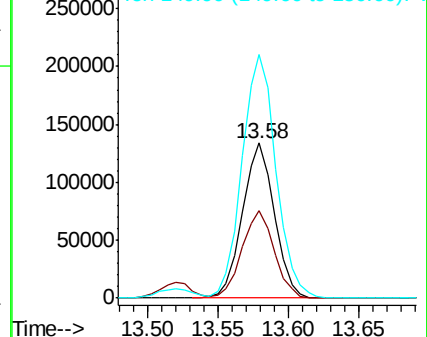
150 167.5 0.0 346.4

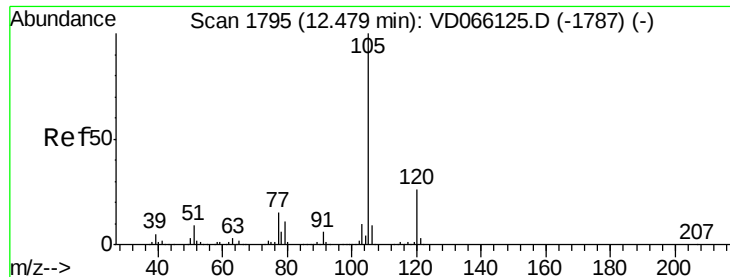


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.853 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

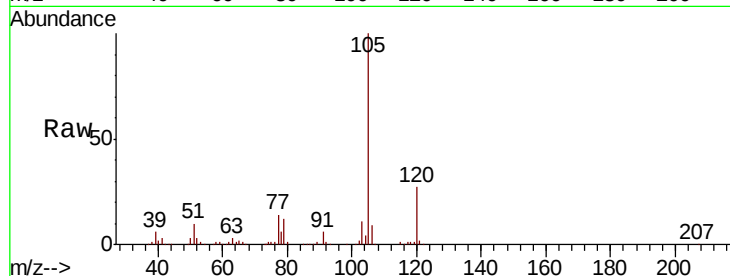
VD0814SBS01

Tot Ion:105 Resp: 279807

Ion Ratio Lower Upper

105 100

120 27.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

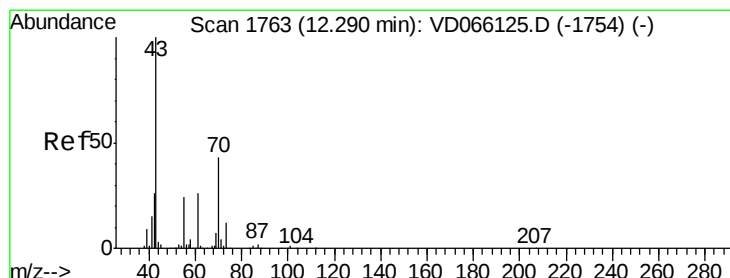
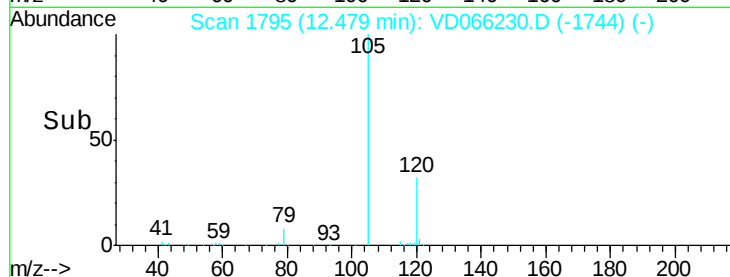
100000

50000

0

12.40 12.50

Time-->



#74

N-ethyl acetate

Concen: 17.954 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Tgt Ion: 43 Resp: 55722

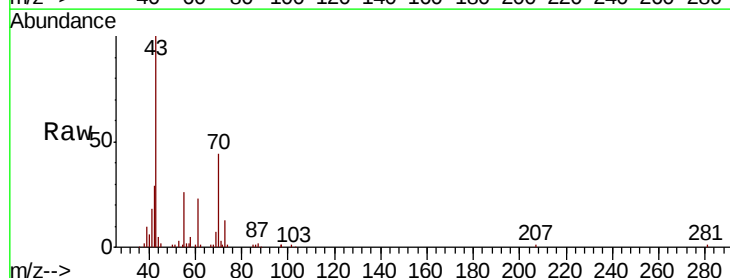
Ion Ratio Lower Upper

43 100

70 41.7 34.9 52.3

55 24.9 19.2 28.8

61 23.9 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

50000

40000

30000

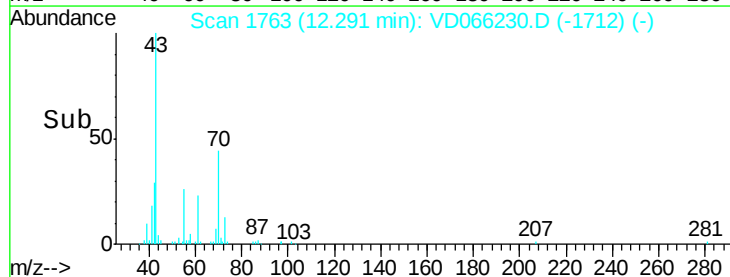
20000

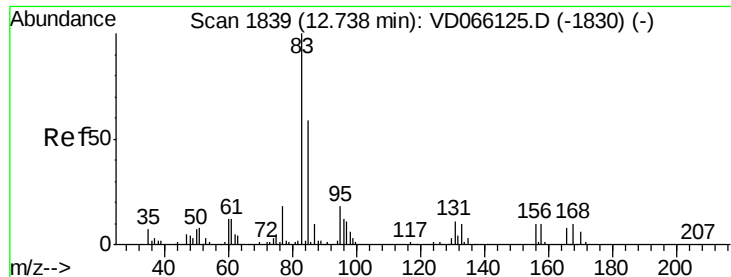
10000

0

12.20 12.25 12.30 12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.452 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBS01

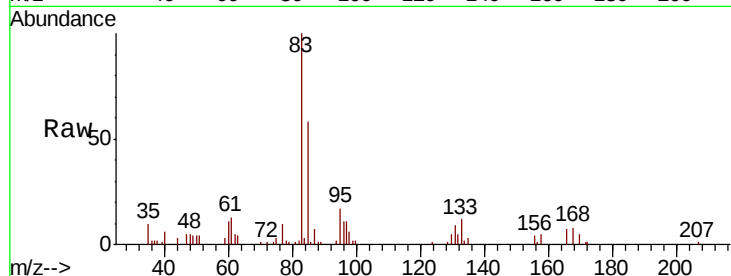
Tot Ion: 83 Resp: 44346

Ion Ratio Lower Upper

83 100

131 12.6 6.2 18.6

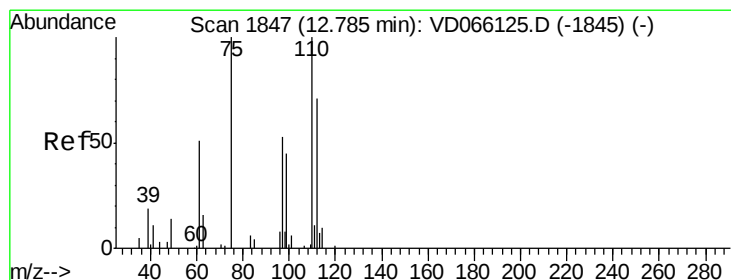
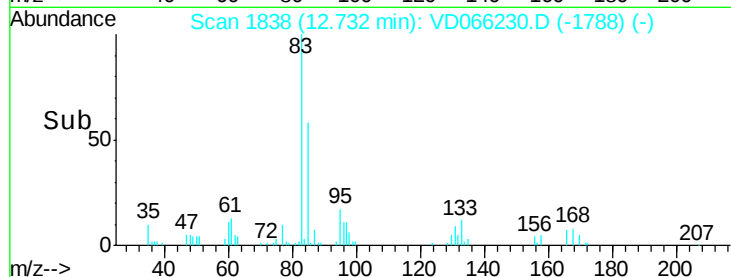
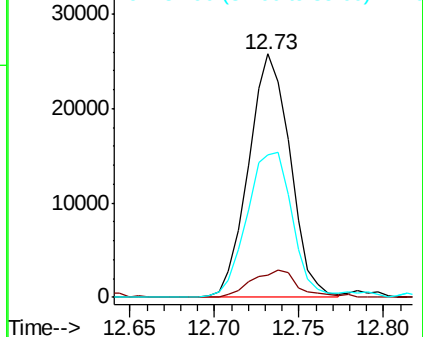
85 64.7 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 34.405 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066230.D

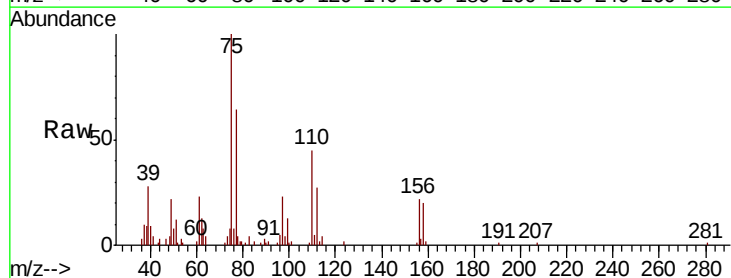
Acq: 14 Aug 2020 12:16

Tgt Ion: 75 Resp: 60579

Ion Ratio Lower Upper

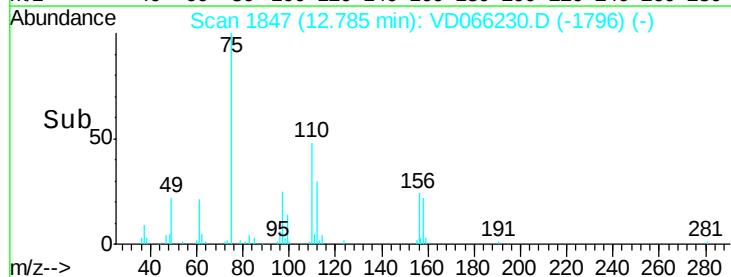
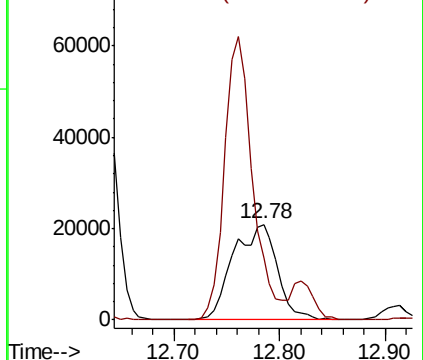
75 100

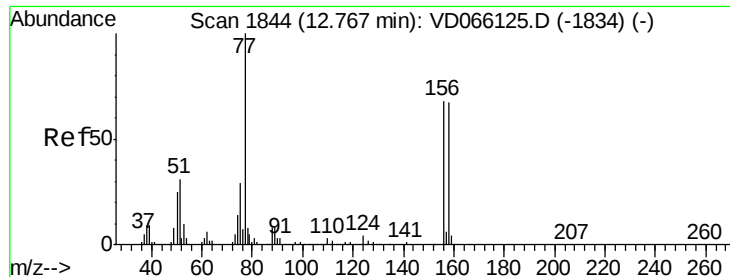
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 19.490 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBS01

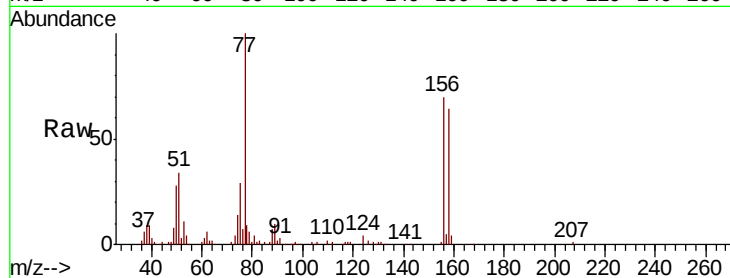
Tot Ion:156 Resp: 70714

Ion Ratio Lower Upper

156 100

77 161.7 81.0 243.1

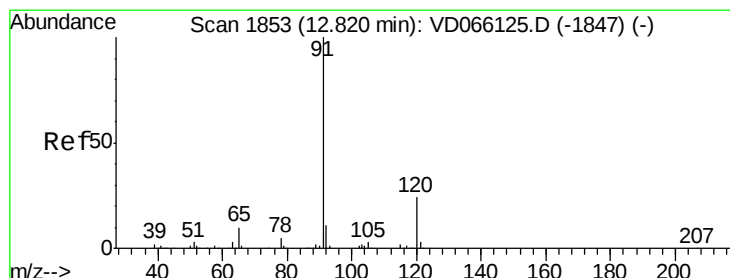
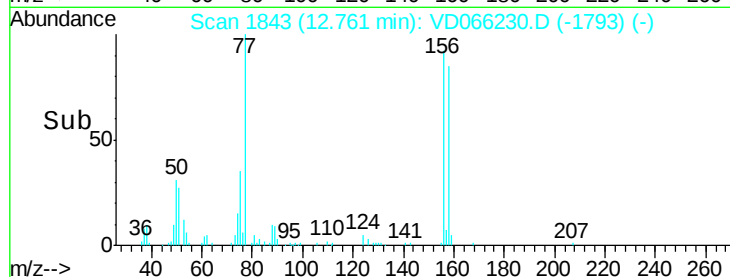
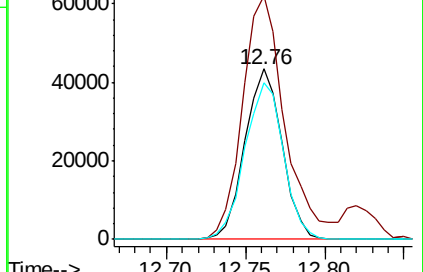
158 95.6 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.267 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066230.D

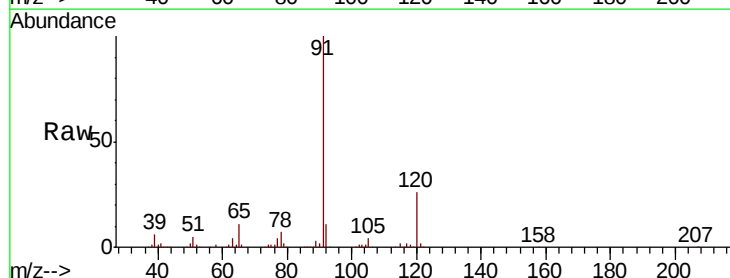
Acq: 14 Aug 2020 12:16

Tgt Ion: 91 Resp: 332039

Ion Ratio Lower Upper

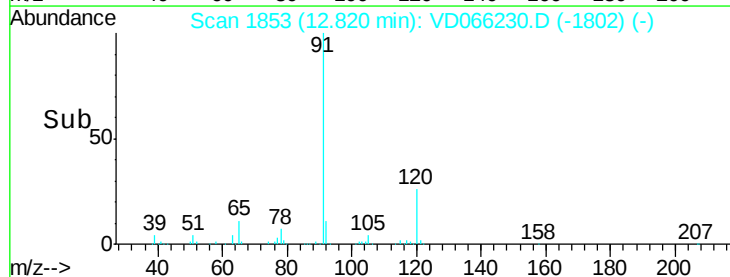
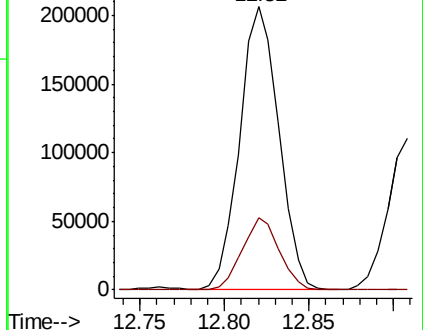
91 100

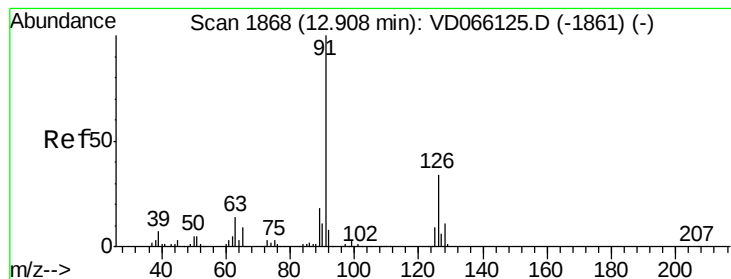
120 24.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.896 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

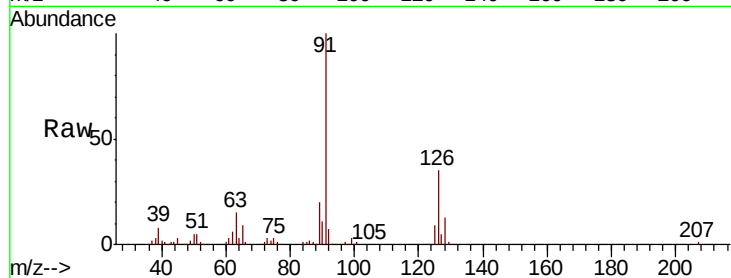
VD0814SBS01

Tot Ion: 91 Resp: 186430

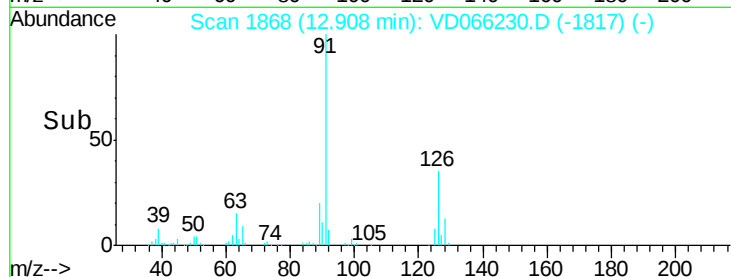
Ion Ratio Lower Upper

91 100

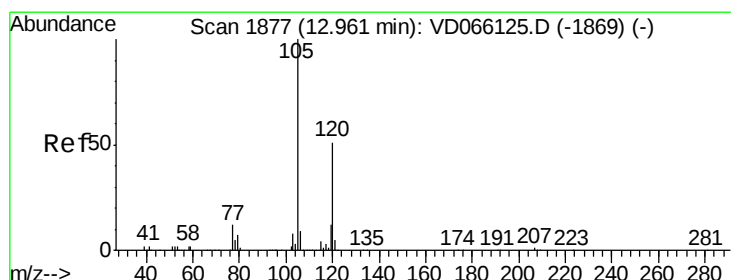
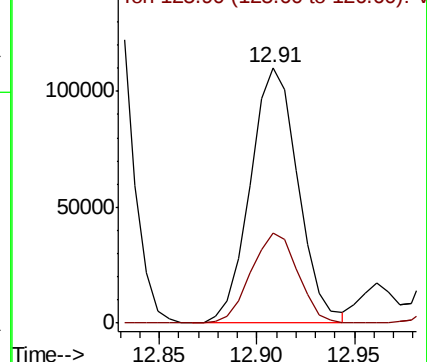
126 34.6 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VD066230.D (-1817) (-)



Ion 125.90 (125.60 to 126.60): VD066230.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.910 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066230.D

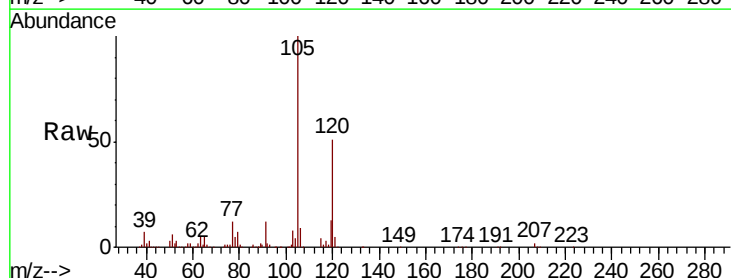
Acq: 14 Aug 2020 12:16

Tgt Ion:105 Resp: 234682

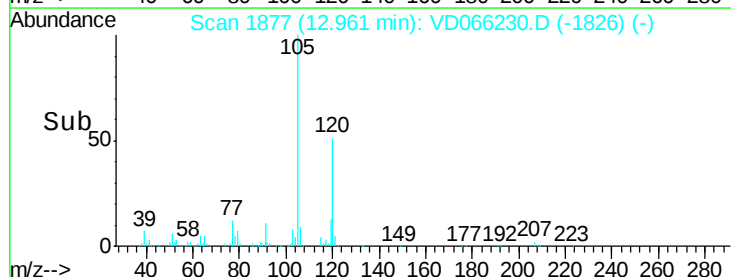
Ion Ratio Lower Upper

105 100

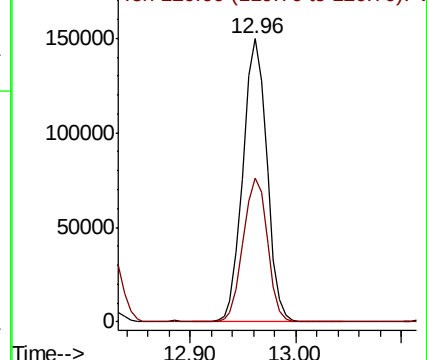
120 51.3 25.3 75.8

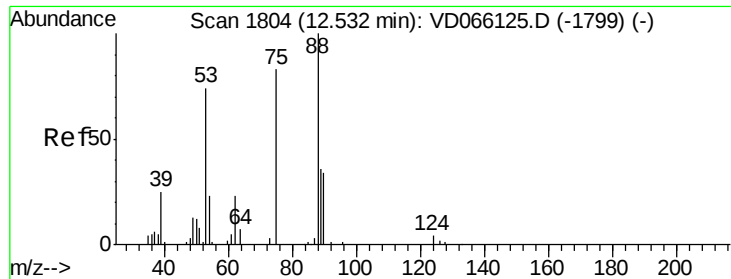


Abundance Ion 105.00 (104.70 to 105.70): VD066230.D (-1826) (-)



Ion 120.00 (119.70 to 120.70): VD066230.D (-1826) (-)

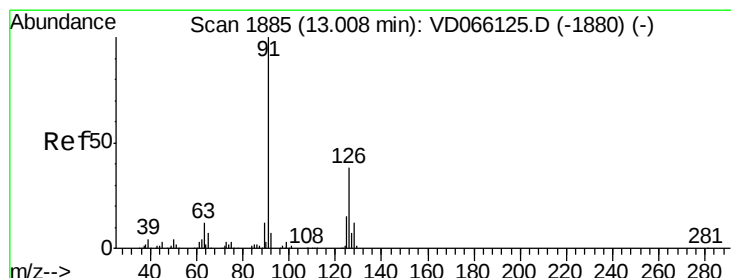
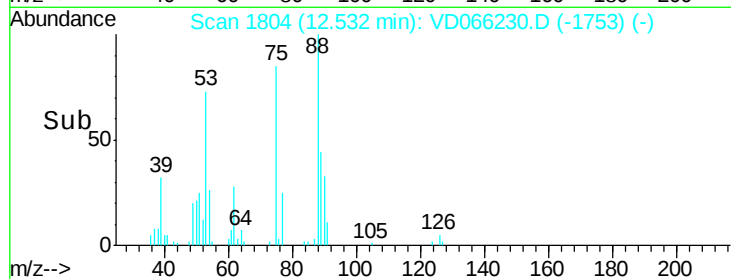
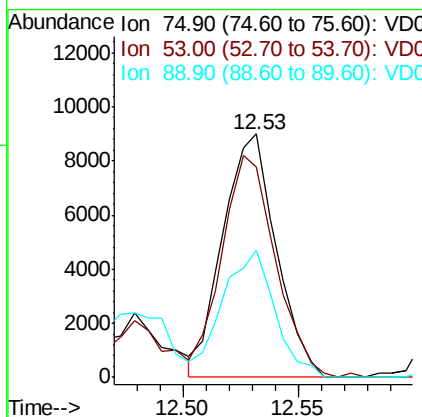
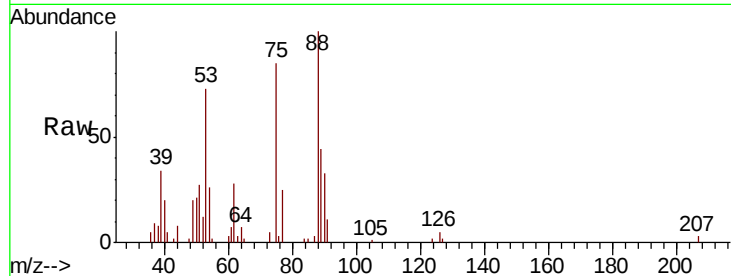




#81
trans-1,4-Dichloro-2-butene
Concen: 18.110 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

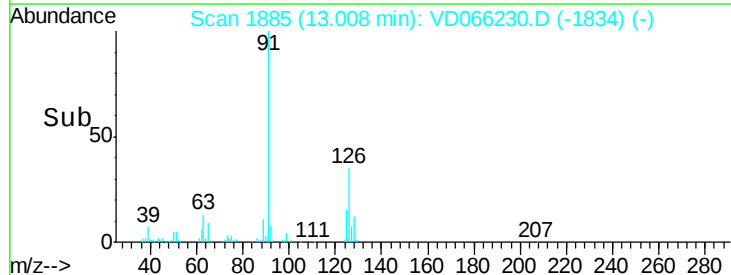
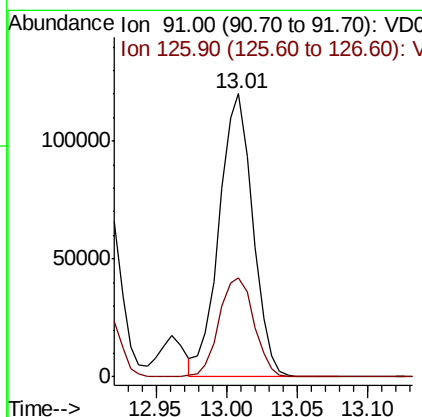
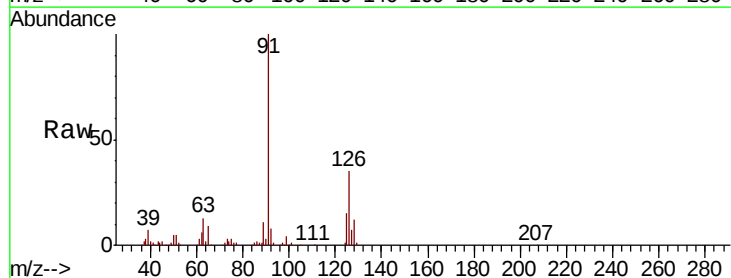
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBS01

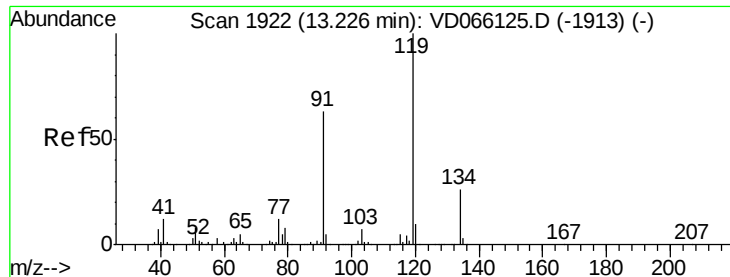
Tot Ion: 75 Resp: 14425
Ion Ratio Lower Upper
75 100
53 92.4 73.4 110.2
89 51.1 36.6 55.0



#82
4-Chlorotoluene
Concen: 20.134 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

Tgt Ion: 91 Resp: 199162
Ion Ratio Lower Upper
91 100
126 36.1 17.8 53.3

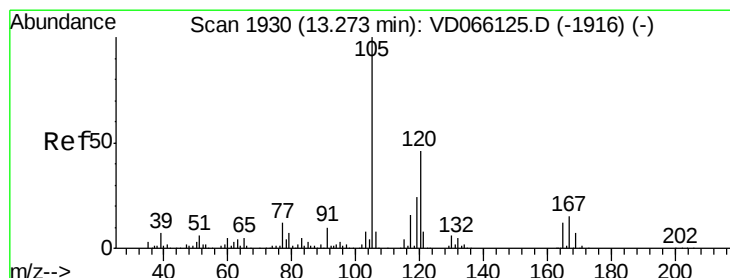
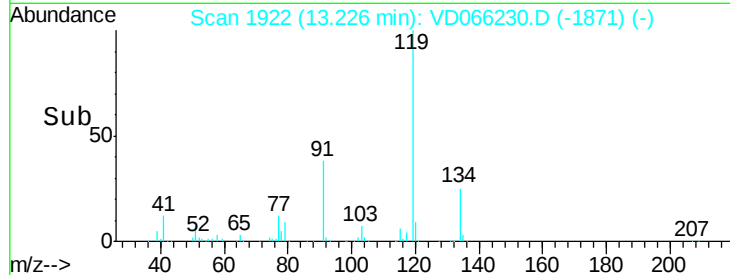
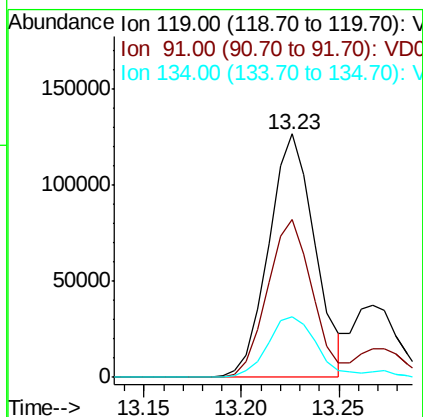
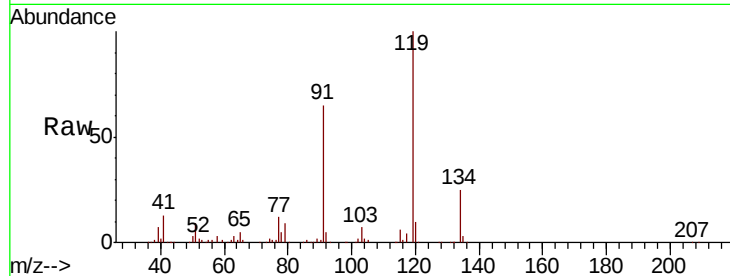




#83
 tert-Butylbenzene
 Concen: 20.074 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066230.D
 Acq: 14 Aug 2020 12:16

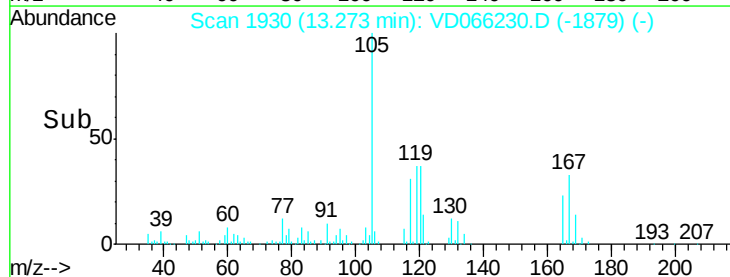
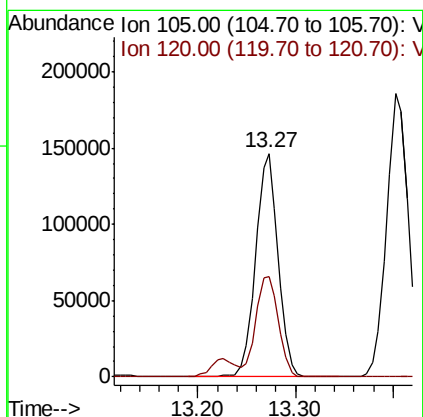
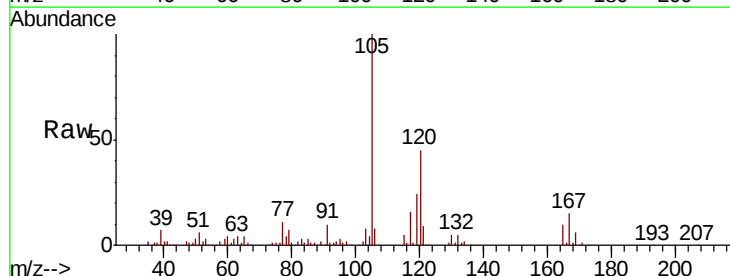
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0814SBS01

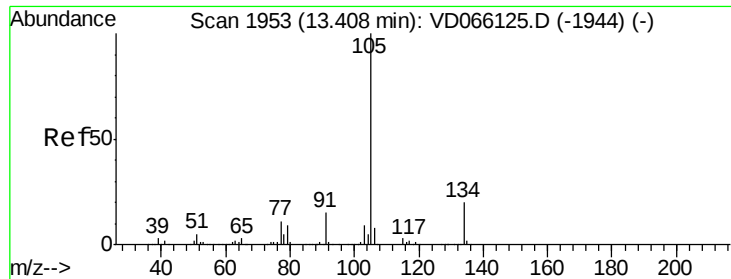
Tot Ion:119 Resp: 208091
 Ion Ratio Lower Upper
 119 100
 91 63.8 30.8 92.4
 134 26.3 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.127 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066230.D
 Acq: 14 Aug 2020 12:16

Tgt Ion:105 Resp: 237419
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.577 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

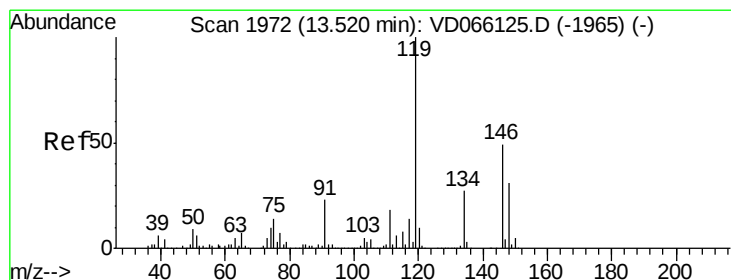
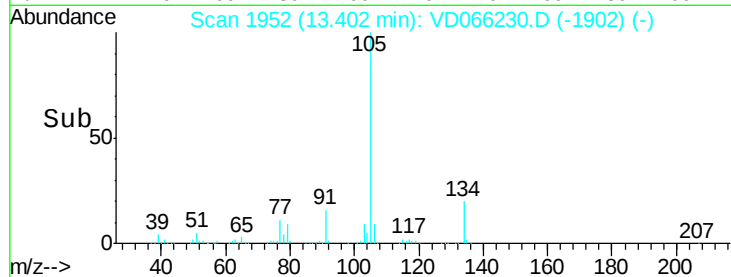
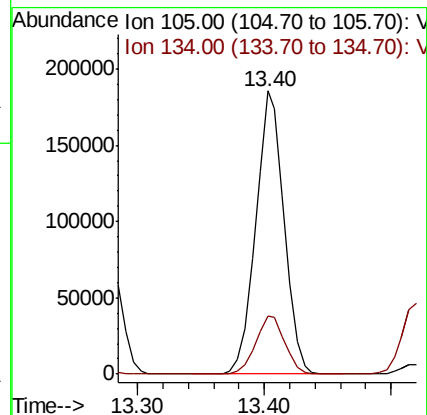
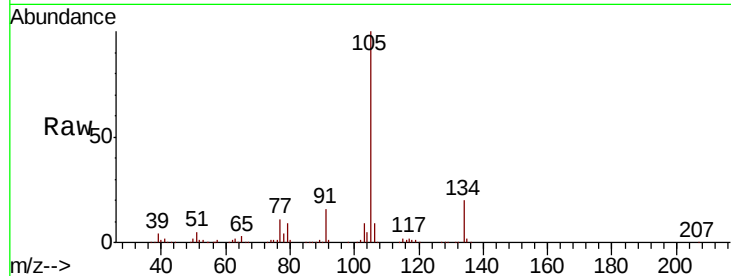
VD0814SBS01

Tot Ion:105 Resp: 287986

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.4



#86

p-Isopropyltoluene

Concen: 20.568 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

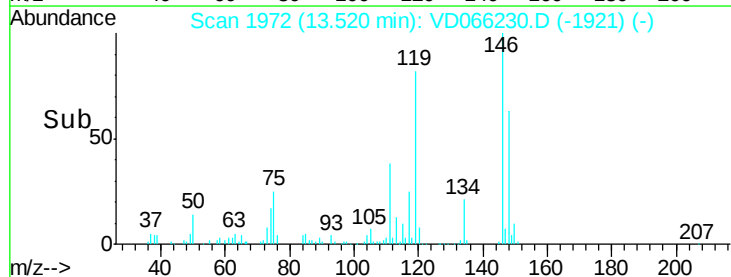
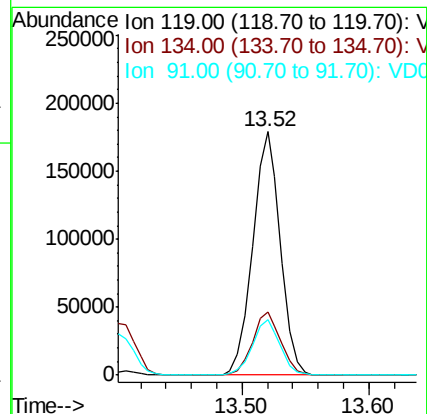
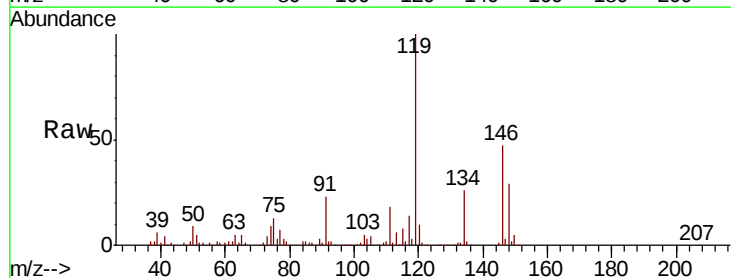
Tgt Ion:119 Resp: 269989

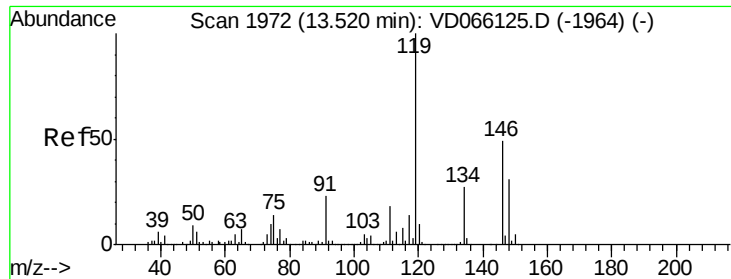
Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

91 23.0 11.2 33.5

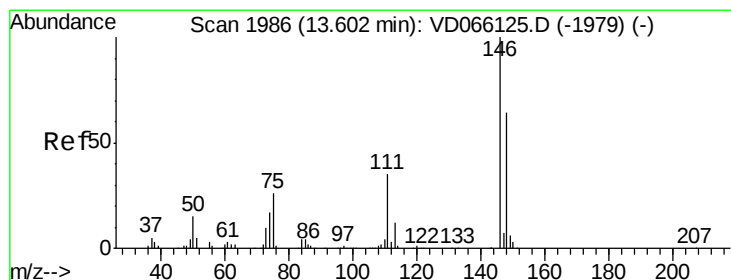
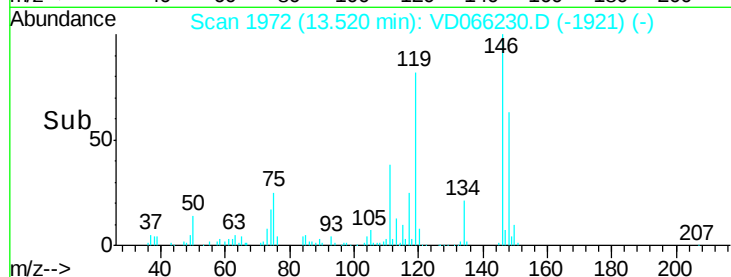
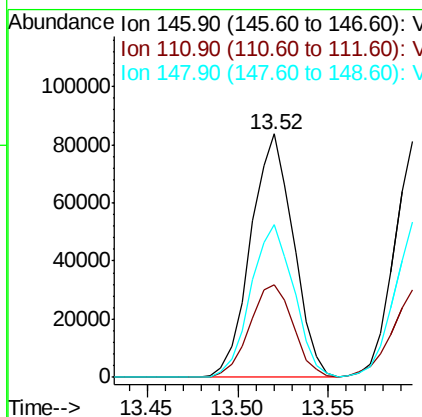
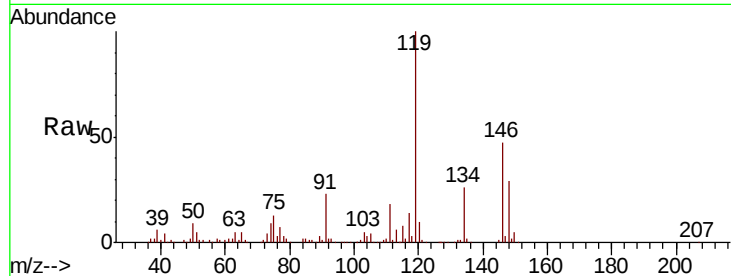




#87
 1,3-Dichlorobenzene
 Concen: 20.075 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066230.D
 Acq: 14 Aug 2020 12:16

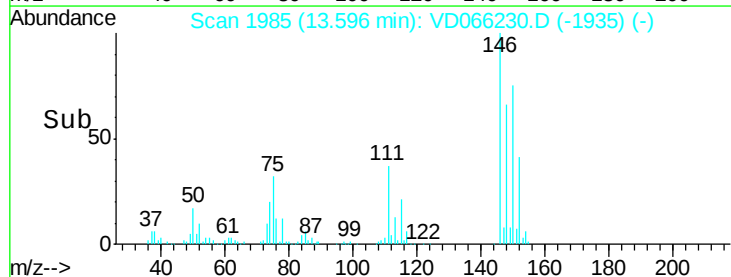
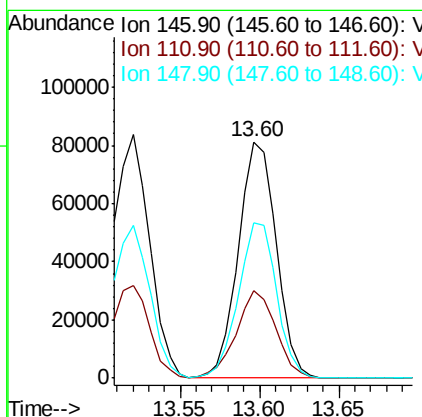
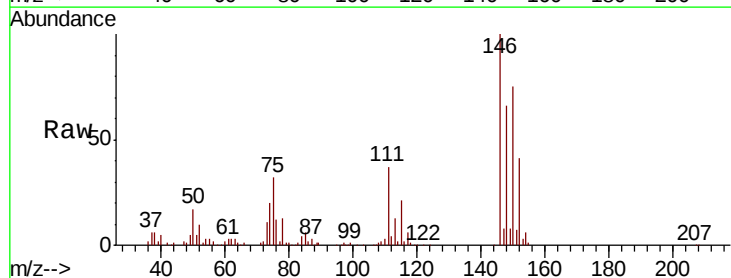
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0814SBS01

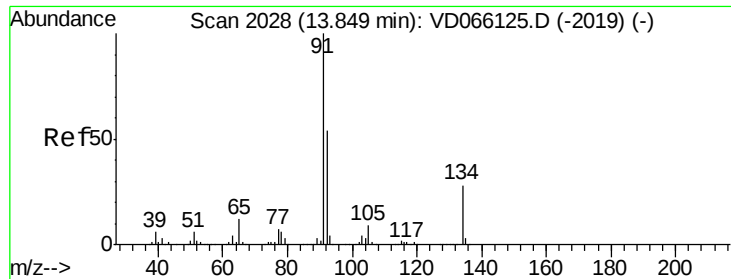
Tot Ion:146 Resp: 136890
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.9 56.9
 148 63.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.919 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066230.D
 Acq: 14 Aug 2020 12:16

Tgt Ion:146 Resp: 135457
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.6 55.8
 148 66.4 32.4 97.0

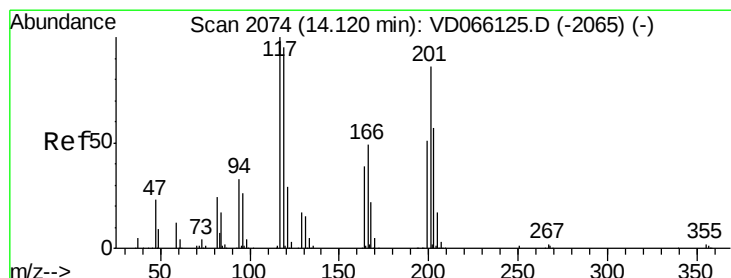
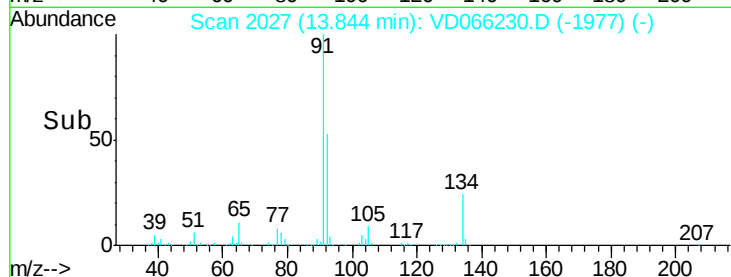
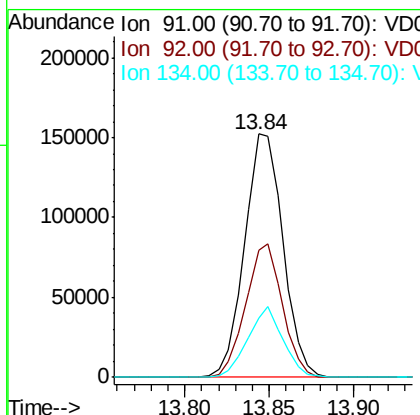
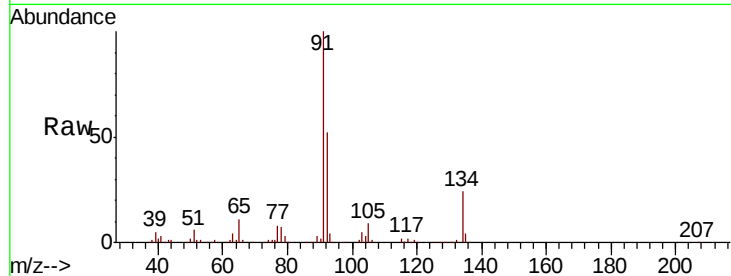




#89
n-Butylbenzene
Concen: 20.467 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

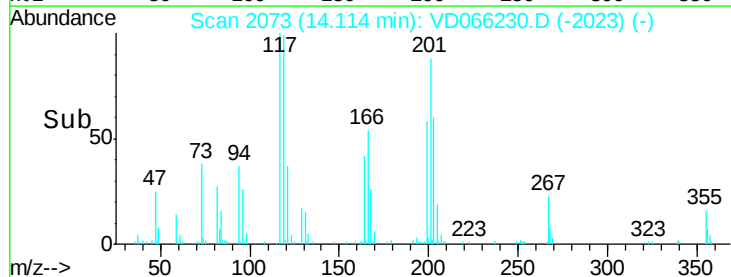
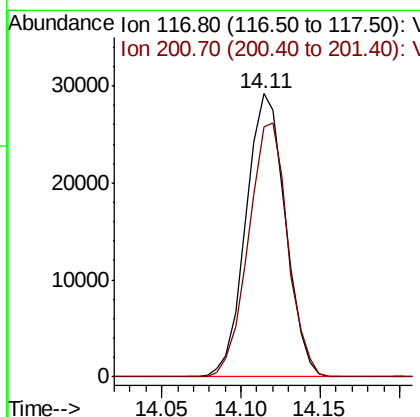
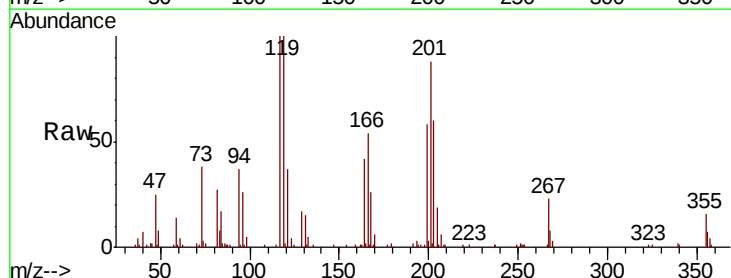
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBS01

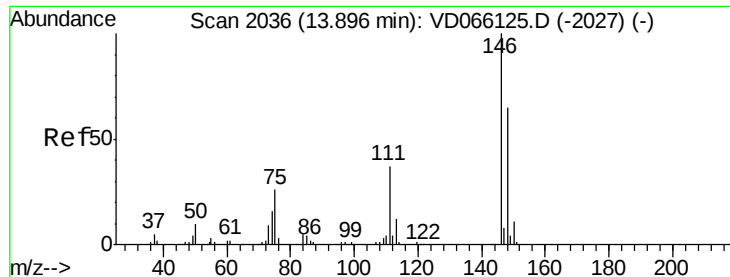
Tot Ion: 91 Resp: 240714
Ion Ratio Lower Upper
91 100
92 52.7 26.8 80.3
134 26.6 14.0 41.9



#90
Hexachloroethane
Concen: 19.364 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066230.D
Acq: 14 Aug 2020 12:16

Tgt Ion: 117 Resp: 50695
Ion Ratio Lower Upper
117 100
201 88.9 42.7 128.1





#91

1,2-Dichlorobenzene

Concen: 19.712 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.01 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBS01

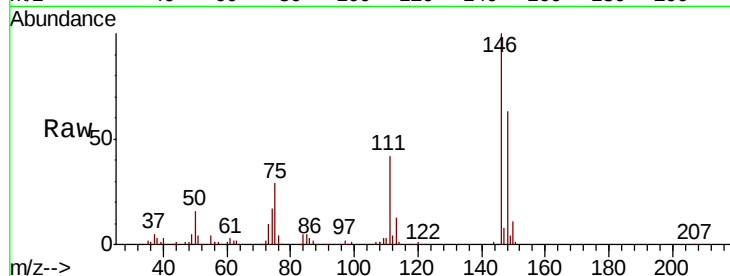
Tot Ion:146 Resp: 118875

Ion Ratio Lower Upper

146 100

111 39.3 18.8 56.3

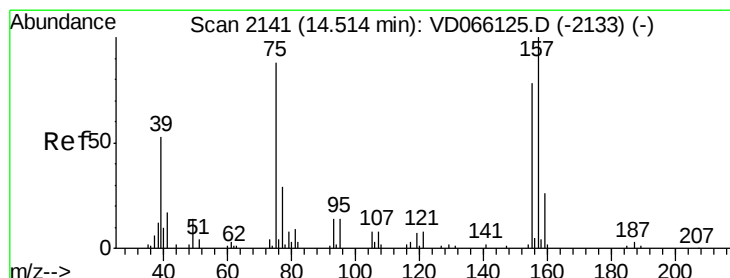
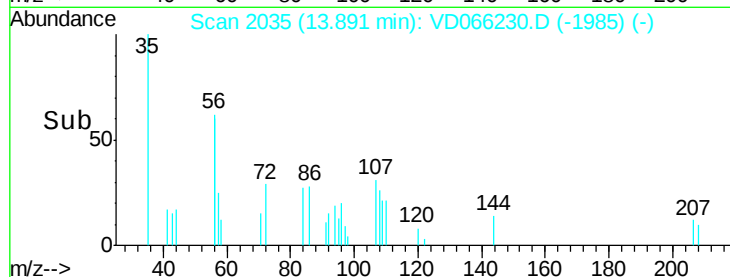
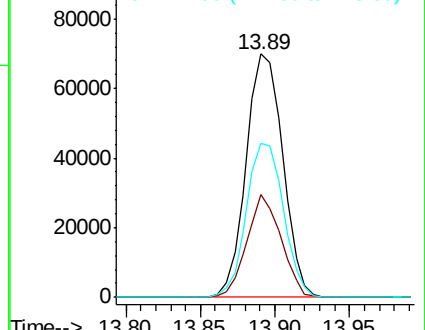
148 64.2 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.235 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

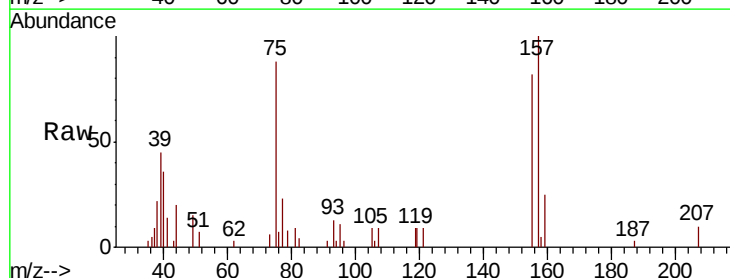
Tgt Ion: 75 Resp: 7119

Ion Ratio Lower Upper

75 100

155 101.4 47.7 143.1

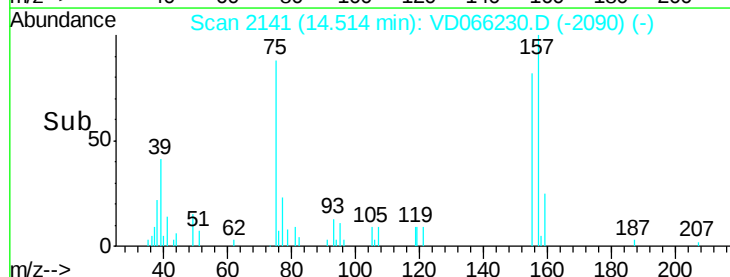
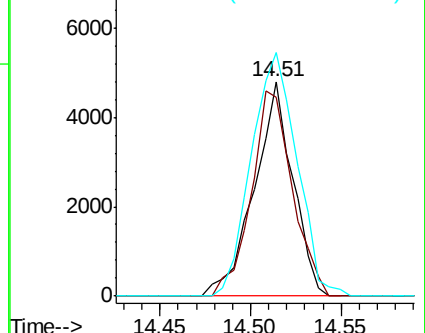
157 133.9 62.1 186.2

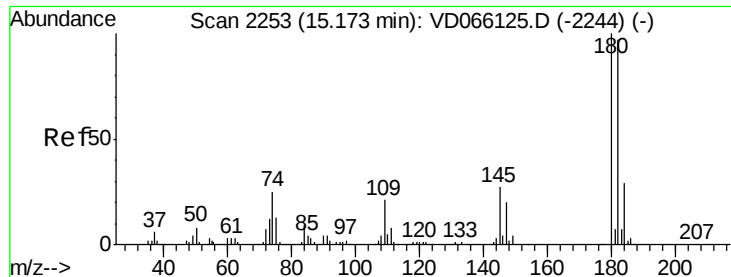


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

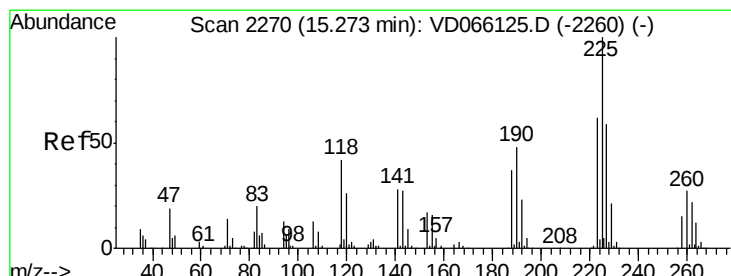
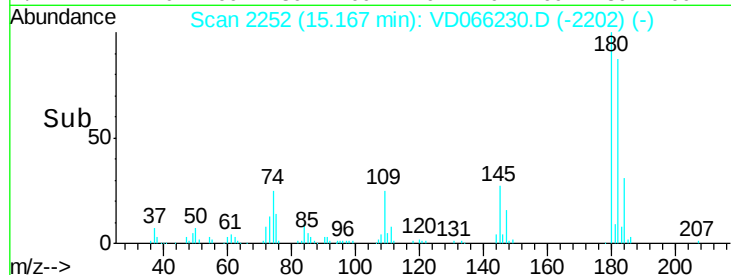
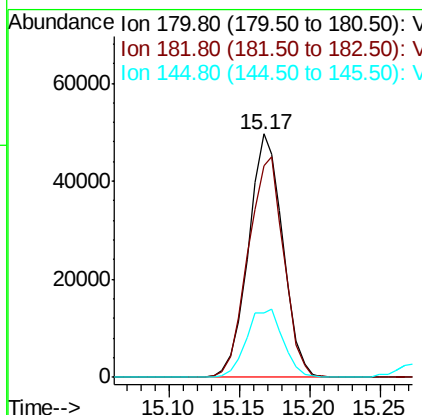
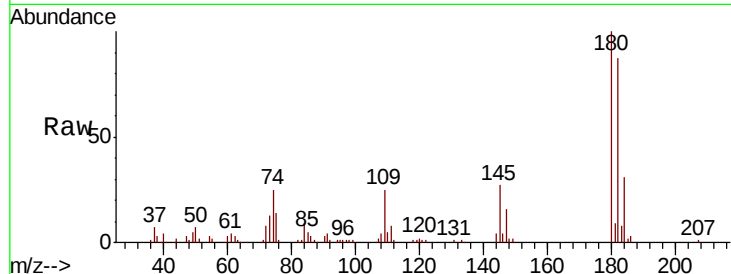




#93
 1,2,4-Trichlorobenzene
 Concen: 19.041 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066230.D
 Acq: 14 Aug 2020 12:16

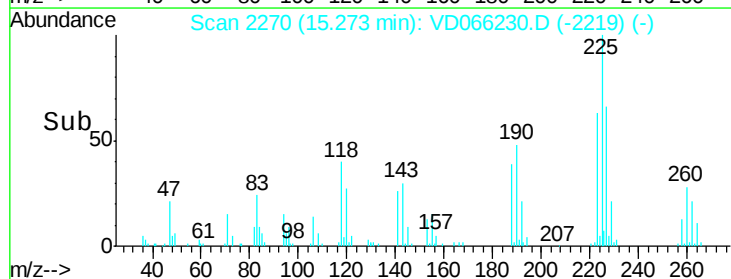
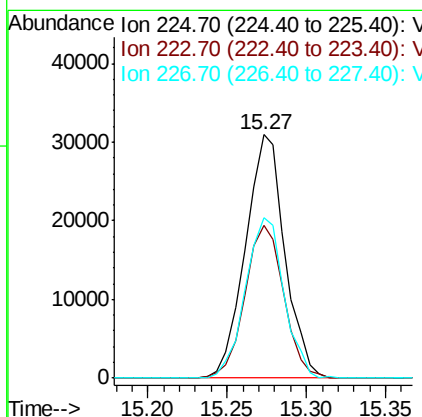
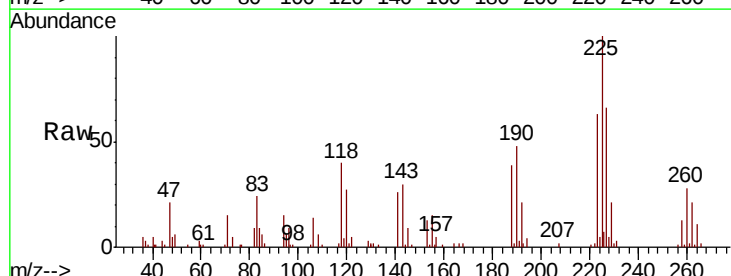
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0814SBS01

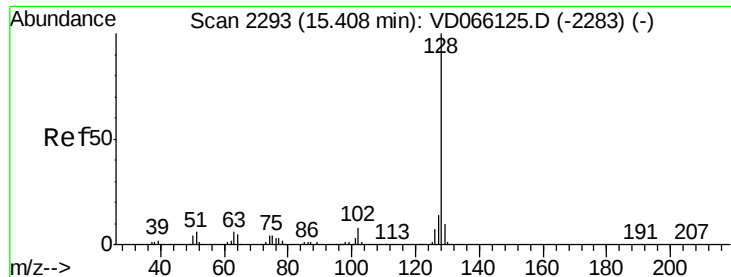
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.4	142.2
145	29.9	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 20.354 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066230.D
 Acq: 14 Aug 2020 12:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	32.3	96.9
227	64.7	32.1	96.5





#95

Naphthalene

Concen: 17.653 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Instrument :

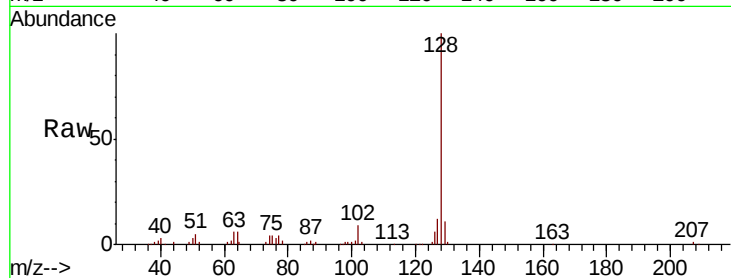
MSVOA_D

ClientSampleId :

VD0814SBS01

Tot Ion:128 Resp: 127827

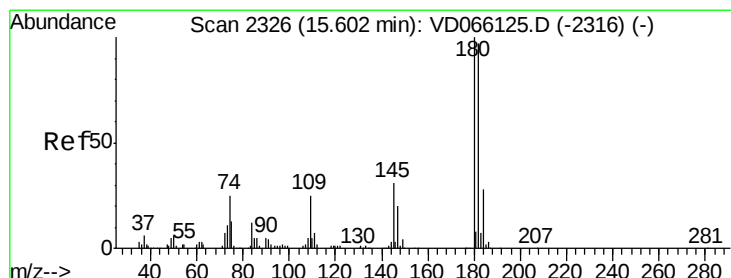
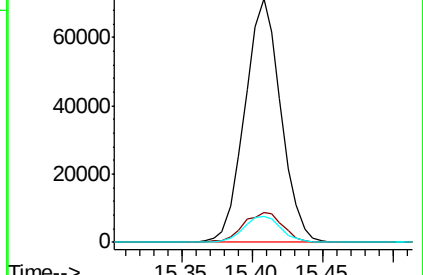
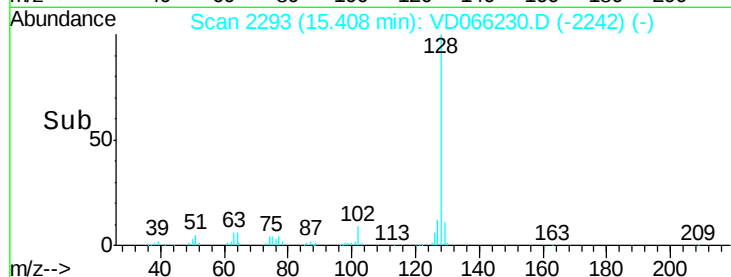
Ion	Ratio	Lower	Upper
128	100		
127	13.4	11.0	16.4
129	11.0	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.456 ug/l

RT: 15.60 min Scan# 2326

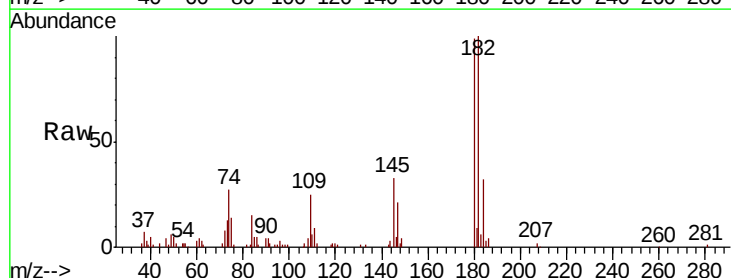
Delta R.T. 0.00 min

Lab File: VD066230.D

Acq: 14 Aug 2020 12:16

Tgt Ion:180 Resp: 72404

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.1	141.4
145	30.7	14.9	44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

