

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081720\
 Data File : VD066252.D
 Acq On : 17 Aug 2020 12:38
 Operator : VA/SY
 Sample : VD0817SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBS01

Quant Time: Aug 17 14:02:39 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	286800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	405552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	378148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	196862	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	123324	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
35) Dibromofluoromethane	7.91	113	127358	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	10.34	98	476572	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.63	95	171655	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.99	85	52504	20.779 ug/l	100
3) Chloromethane	2.20	50	37039	18.844 ug/l	98
4) Vinyl Chloride	2.34	62	36392	20.913 ug/l	91
5) Bromomethane	2.76	94	24381	21.118 ug/l	97
6) Chloroethane	2.92	64	22813	21.357 ug/l	97
7) Trichlorofluoromethane	3.27	101	90375	19.920 ug/l	96
8) Diethyl Ether	3.71	74	22176	17.323 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	51079	18.971 ug/l	96
10) Methyl Iodide	4.30	142	50058	24.392 ug/l	99
11) Tert butyl alcohol	5.21	59	16882	59.397 ug/l #	88
12) 1,1-Dichloroethene	4.06	96	47085	18.538 ug/l	94
13) Acrolein	3.92	56	11309	55.527 ug/l	99
14) Allyl chloride	4.71	41	67224	17.470 ug/l	93
15) Acrylonitrile	5.43	53	46667	86.511 ug/l	100
16) Acetone	4.16	43	44121	90.879 ug/l	96
17) Carbon Disulfide	4.40	76	145112	17.969 ug/l	100
18) Methyl Acetate	4.71	43	20885	16.936 ug/l #	73
19) Methyl tert-butyl Ether	5.47	73	102514	17.609 ug/l	100
20) Methylene Chloride	4.96	84	63114	19.821 ug/l	93
21) trans-1,2-Dichloroethene	5.46	96	52997	18.163 ug/l	89
22) Diisopropyl ether	6.36	45	135653	17.827 ug/l	93
23) Vinyl Acetate	6.30	43	377908	84.773 ug/l	100
24) 1,1-Dichloroethane	6.26	63	86782	18.428 ug/l #	95
25) 2-Butanone	7.21	43	59684	83.583 ug/l	93
26) 2,2-Dichloropropane	7.20	77	84534	20.029 ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	57842	18.900 ug/l	100
28) Bromochloromethane	7.54	49	33517	20.265 ug/l	95
29) Tetrahydrofuran	7.56	42	35501	80.244 ug/l	97
30) Chloroform	7.70	83	94092	19.029 ug/l	98
31) Cyclohexane	7.98	56	82101	18.315 ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	91296	19.692 ug/l	99
36) 1,1-Dichloropropene	8.11	75	75550	19.824 ug/l	99
37) Ethyl Acetate	7.28	43	24876	16.475 ug/l	97
38) Carbon Tetrachloride	8.09	117	88124	20.736 ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081720\
 Data File : VD066252.D
 Acq On : 17 Aug 2020 12:38
 Operator : VA/SY
 Sample : VD0817SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBS01

Quant Time: Aug 17 14:02:39 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	86389	18.752	ug/l	97
40) Benzene	8.34	78	203685	19.267	ug/l	100
41) Methacrylonitrile	7.56	41	37667	42.427	ug/l #	36
42) 1,2-Dichloroethane	8.42	62	61092	19.671	ug/l	99
43) Isopropyl Acetate	8.45	43	53488	17.979	ug/l	99
44) Trichloroethene	9.11	130	61375	19.266	ug/l	92
45) 1,2-Dichloropropane	9.38	63	46910	18.143	ug/l	95
46) Dibromomethane	9.47	93	26282	18.454	ug/l	96
47) Bromodichloromethane	9.66	83	72865	19.357	ug/l	95
48) Methyl methacrylate	9.45	41	27275	17.954	ug/l	99
49) 1,4-Dioxane	9.46	88	5528	302.116	ug/l #	84
51) 4-Methyl-2-Pentanone	10.23	43	128603	84.155	ug/l	98
52) Toluene	10.40	92	137509	19.767	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	66278	18.554	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	80152	19.151	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	38029	18.543	ug/l	94
56) Ethyl methacrylate	10.66	69	44405	18.024	ug/l	98
57) 1,3-Dichloropropane	10.94	76	63258	18.580	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	110295	99.529	ug/l	99
59) 2-Hexanone	10.98	43	92927	86.646	ug/l	97
60) Dibromochloromethane	11.14	129	55183	19.490	ug/l	98
61) 1,2-Dibromoethane	11.24	107	37812	19.172	ug/l	95
64) Tetrachloroethene	10.87	164	56078	19.312	ug/l	96
65) Chlorobenzene	11.67	112	149854	19.521	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	60195	20.041	ug/l	97
67) Ethyl Benzene	11.74	91	263419	19.802	ug/l	99
68) m/p-Xylenes	11.86	106	204457	39.669	ug/l	97
69) o-Xylene	12.18	106	91817	19.584	ug/l	99
70) Styrene	12.20	104	162701	19.801	ug/l	99
71) Bromoform	12.36	173	33537	18.846	ug/l #	96
73) Isopropylbenzene	12.48	105	257447	19.591	ug/l	100
74) N-amyl acetate	12.29	43	49759	17.195	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	38452	17.160	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	53752	32.742	ug/l #	100
77) Bromobenzene	12.76	156	66159	19.558	ug/l	99
78) n-propylbenzene	12.82	91	302045	19.773	ug/l	99
79) 2-Chlorotoluene	12.91	91	172184	19.708	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	222080	20.208	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	12051	16.227	ug/l	89
82) 4-Chlorotoluene	13.01	91	182999	19.842	ug/l	99
83) tert-Butylbenzene	13.23	119	182101	18.841	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	216881	19.719	ug/l	100
85) sec-Butylbenzene	13.40	105	262275	20.099	ug/l	100
86) p-Isopropyltoluene	13.52	119	248410	20.297	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	126070	19.829	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	120485	19.003	ug/l	95
89) n-Butylbenzene	13.85	91	220931	20.148	ug/l	99
90) Hexachloroethane	14.11	117	47847	19.602	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	105930	18.840	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6796	17.647	ug/l	95

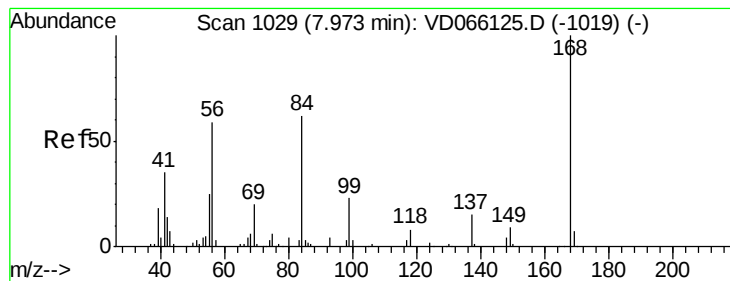
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081720\
Data File : VD066252.D
Acq On : 17 Aug 2020 12:38
Operator : VA/SY
Sample : VD0817SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

Quant Time: Aug 17 14:02:39 2020
Quant Method : Z:\V0ASRV\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	77944	18.811	ug/l	98
94) Hexachlorobutadiene	15.27	225	49132	20.136	ug/l	98
95) Naphthalene	15.41	128	119887	17.757	ug/l	97
96) 1,2,3-Trichlorobenzene	15.60	180	65684	17.957	ug/l	97

(#) = 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: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

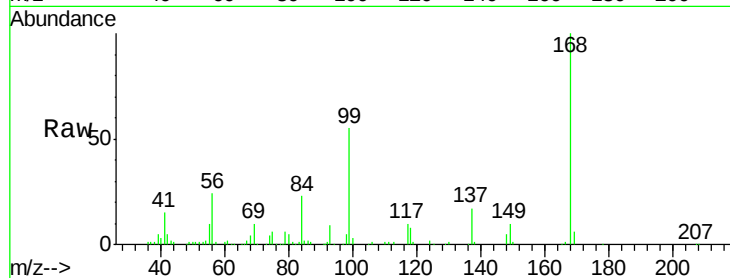
VD0817SBS01

Tgt Ion:168 Resp: 286800

Ion Ratio Lower Upper

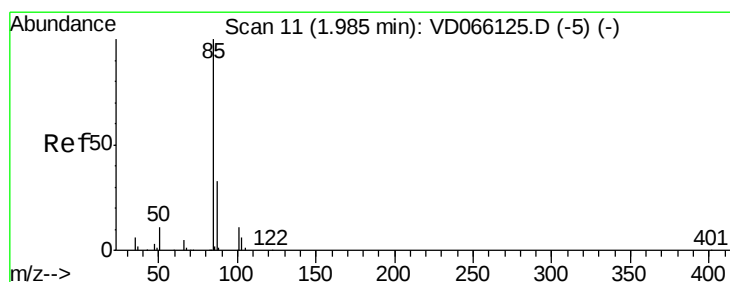
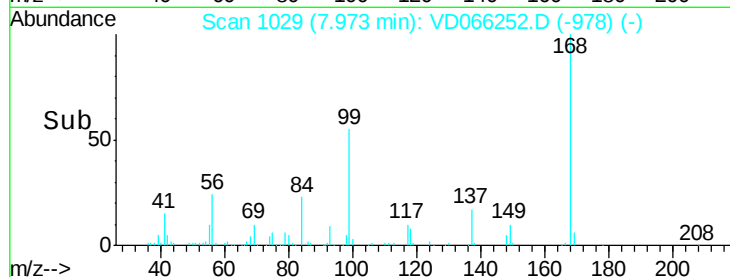
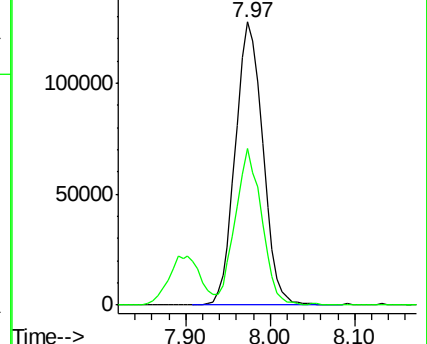
168 100

99 55.0 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 20.779 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066252.D

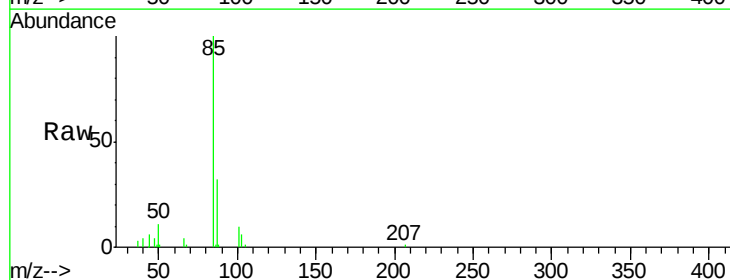
Acq: 17 Aug 2020 12:38

Tgt Ion: 85 Resp: 52504

Ion Ratio Lower Upper

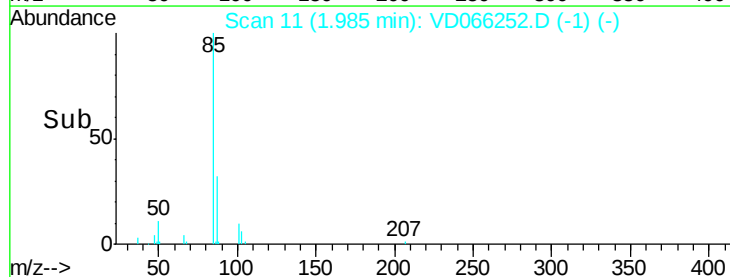
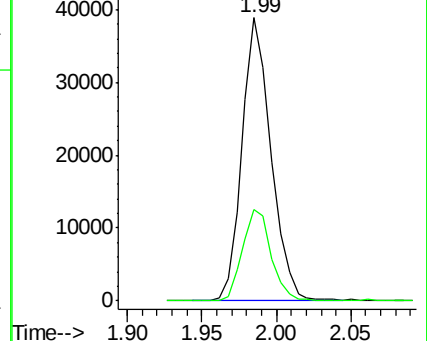
85 100

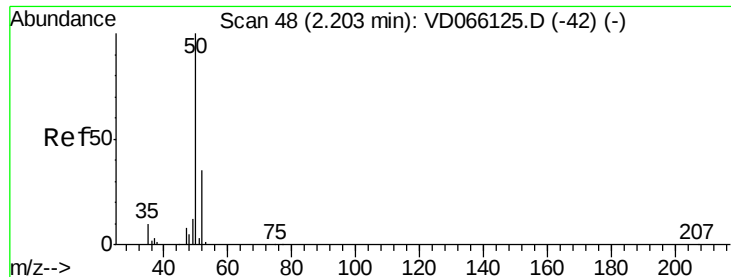
87 32.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.844 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

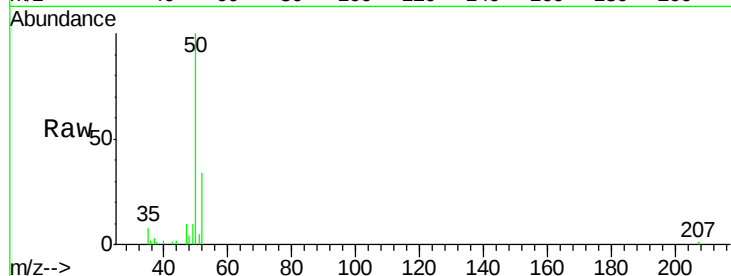
VD0817SBS01

Tgt Ion: 50 Resp: 37039

Ion Ratio Lower Upper

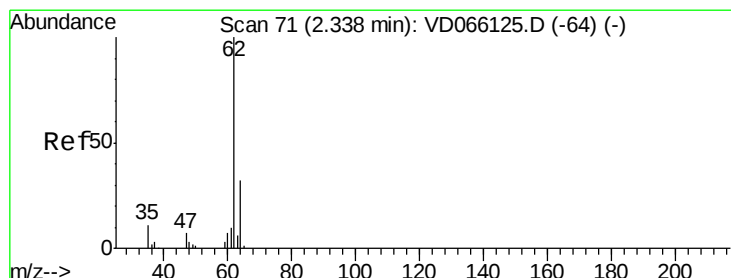
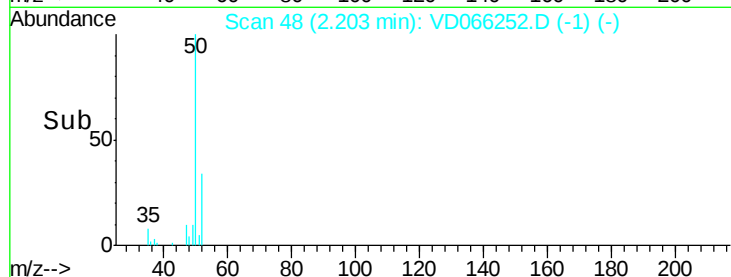
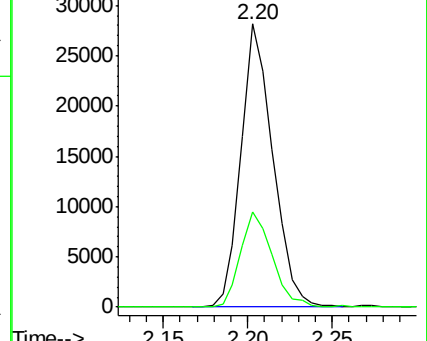
50 100

52 33.6 27.9 41.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.913 ug/l

RT: 2.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VD066252.D

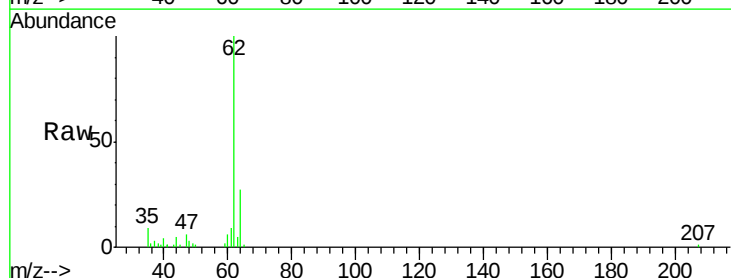
Acq: 17 Aug 2020 12:38

Tgt Ion: 62 Resp: 36392

Ion Ratio Lower Upper

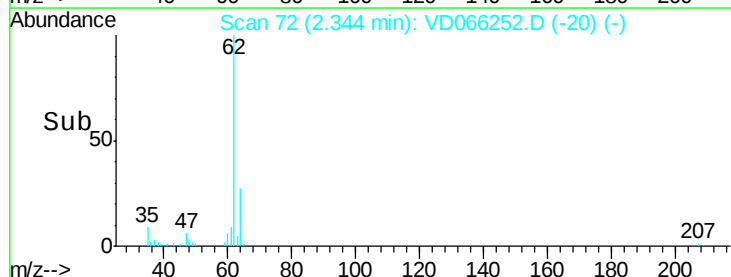
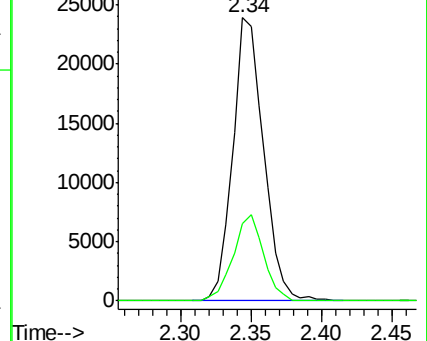
62 100

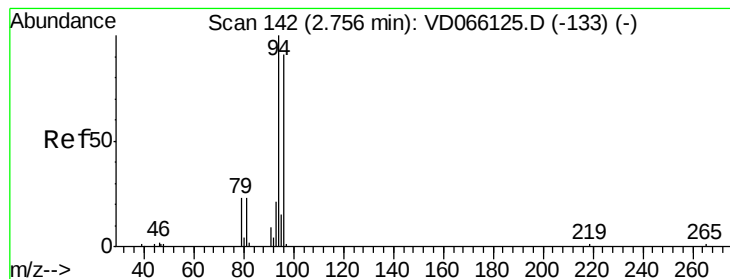
64 27.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.118 ug/l

RT: 2.76 min Scan# 142

Delta R.T. 0.00 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

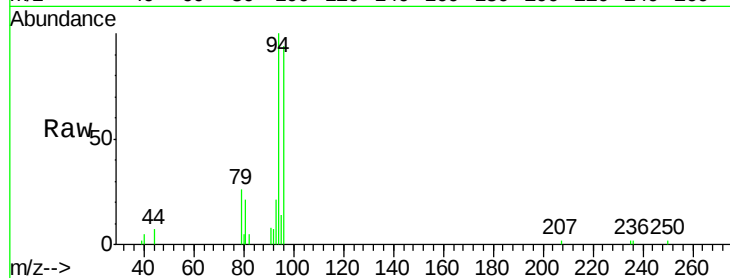
VD0817SBS01

Tgt Ion: 94 Resp: 24381

Ion Ratio Lower Upper

94 100

96 93.6 72.6 109.0

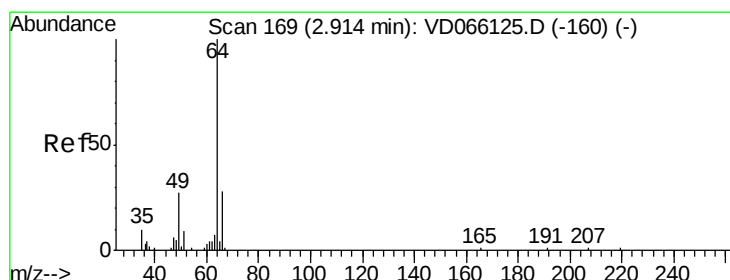
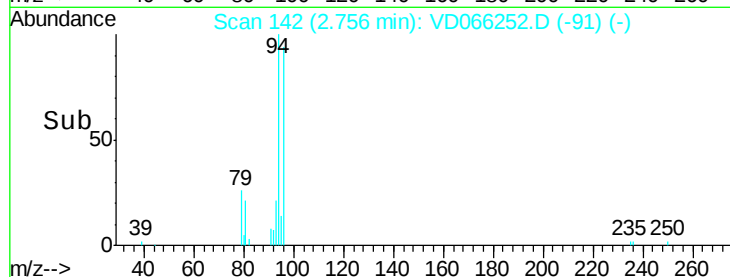


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

Time-->



#6

Chloroethane

Concen: 21.357 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VD066252.D

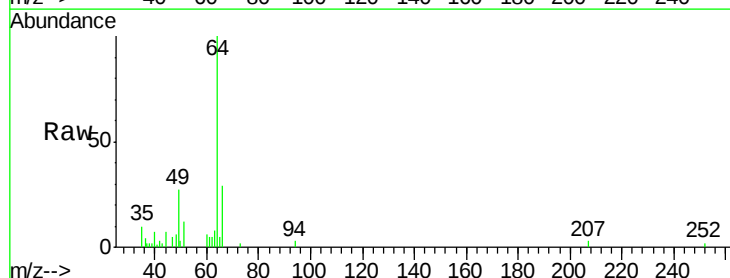
Acq: 17 Aug 2020 12:38

Tgt Ion: 64 Resp: 22813

Ion Ratio Lower Upper

64 100

66 28.9 22.0 33.0

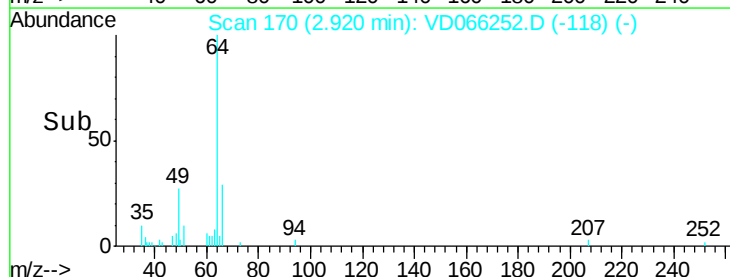


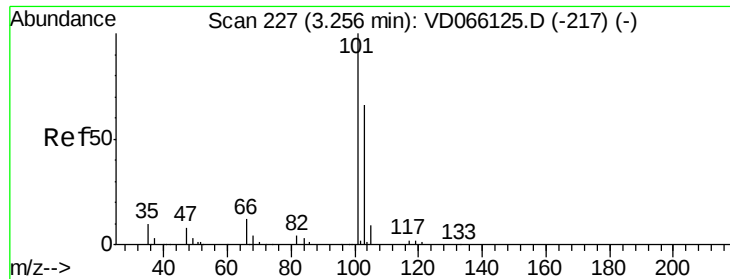
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

Time-->



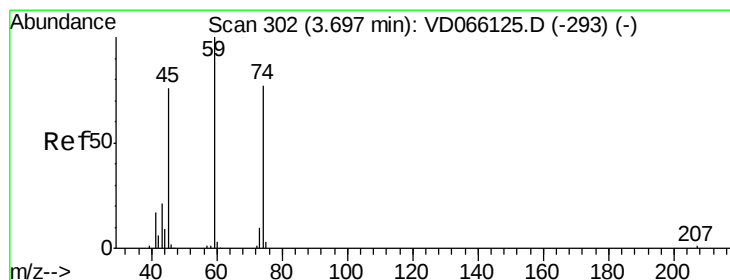
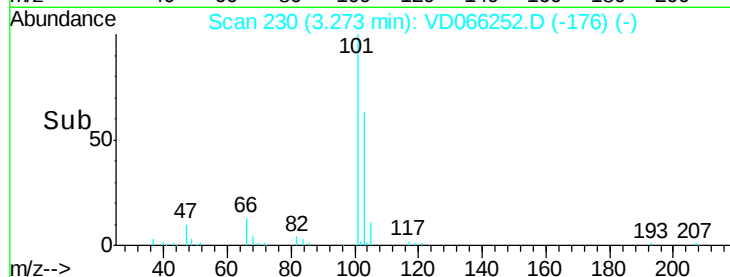
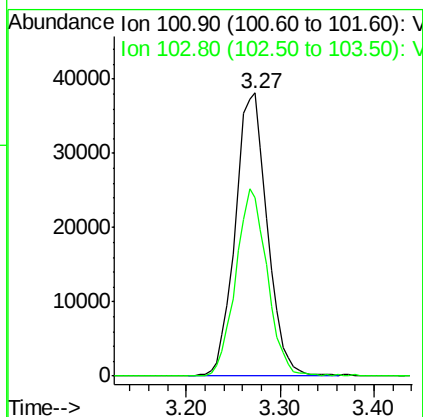
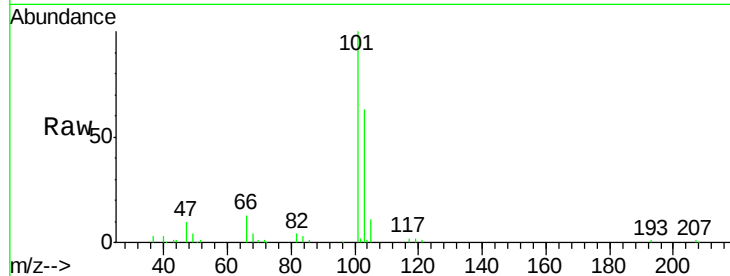


#7

Trichlorofluoromethane
 Concen: 19.920 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.02 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBS01

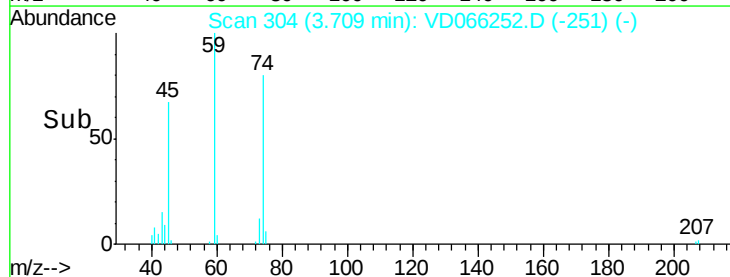
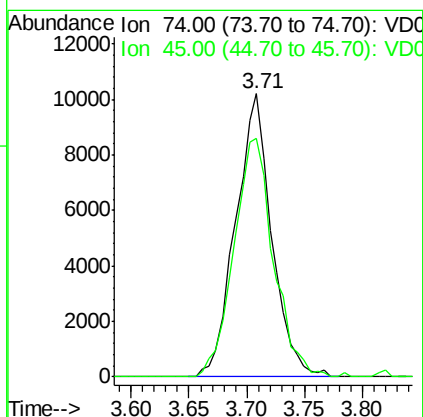
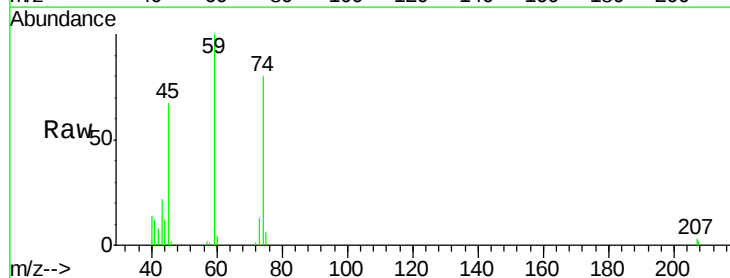
Tgt Ion:101 Resp: 90375
 Ion Ratio Lower Upper
 101 100
 103 63.3 53.0 79.6

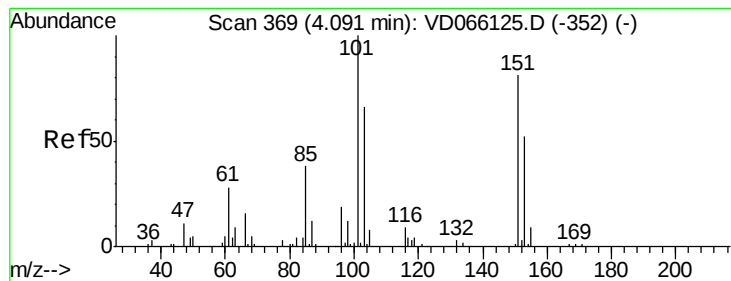


#8

Diethyl Ether
 Concen: 17.323 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

Tgt Ion: 74 Resp: 22176
 Ion Ratio Lower Upper
 74 100
 45 92.3 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.971 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

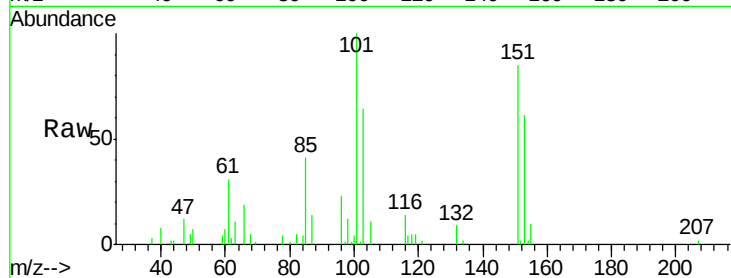
Tgt Ion:101 Resp: 51079

Ion Ratio Lower Upper

101 100

85 45.3 33.5 50.3

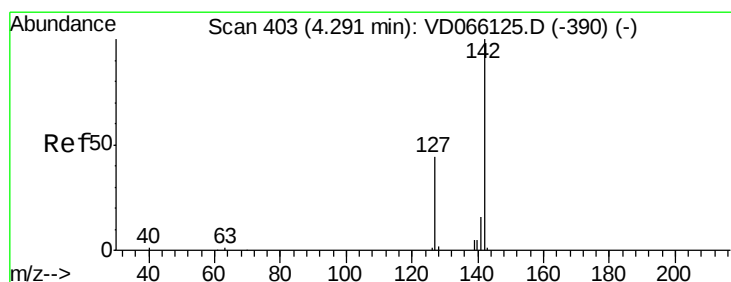
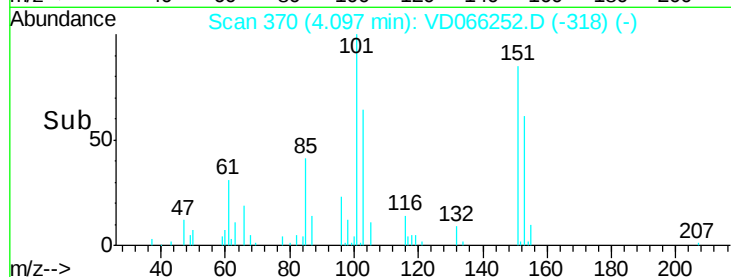
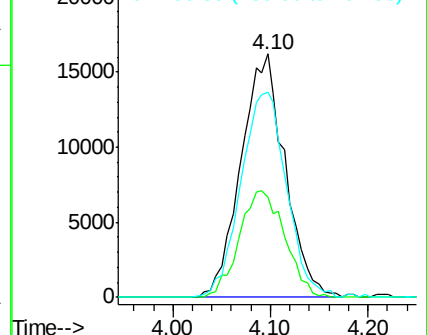
151 87.7 67.8 101.8



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: 24.392 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

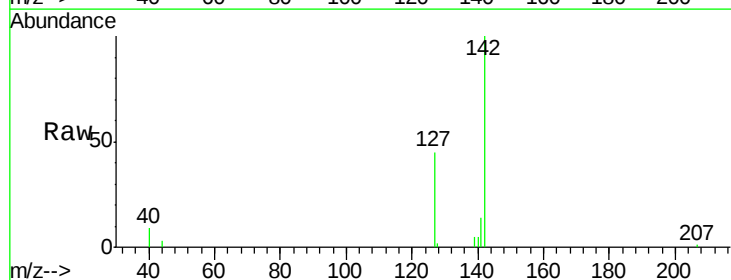
Tgt Ion:142 Resp: 50058

Ion Ratio Lower Upper

142 100

127 45.7 36.2 54.4

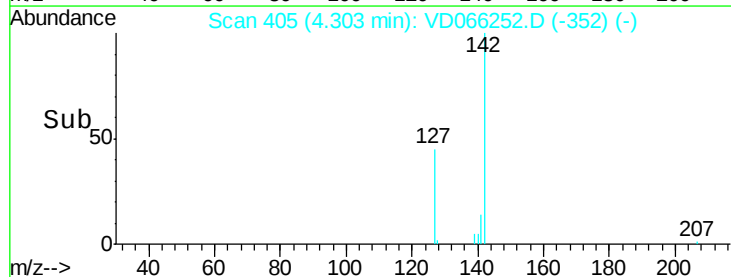
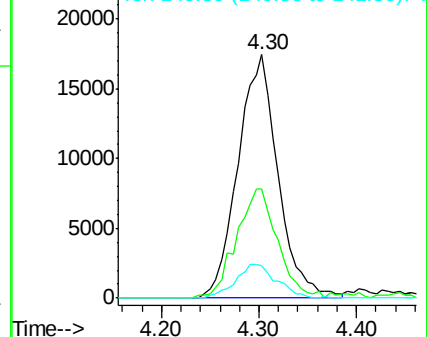
141 14.0 12.6 18.8



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: 59.397 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

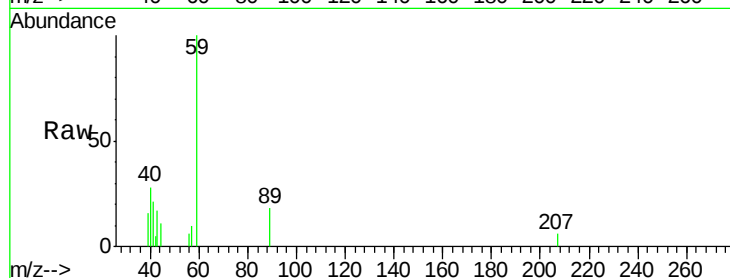
VD0817SBS01

Tgt Ion: 59 Resp: 16882

Ion Ratio Lower Upper

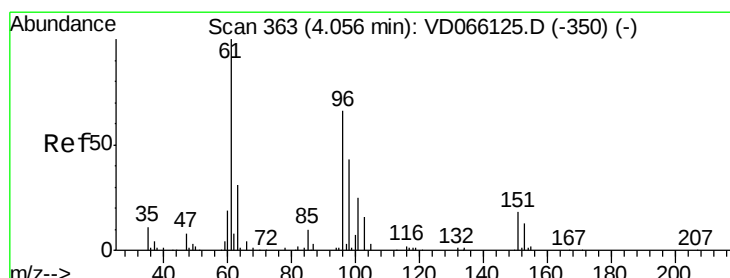
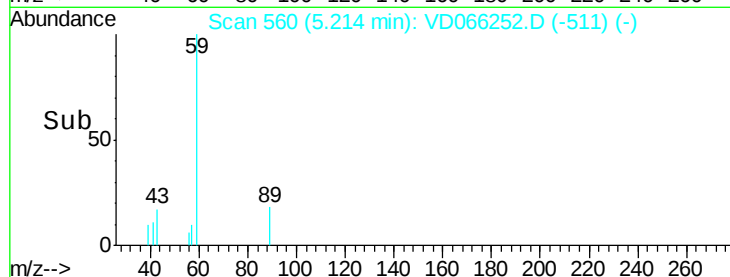
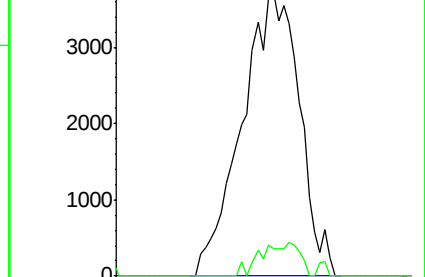
59 100

57 4.3 7.0 10.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 18.538 ug/l

RT: 4.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

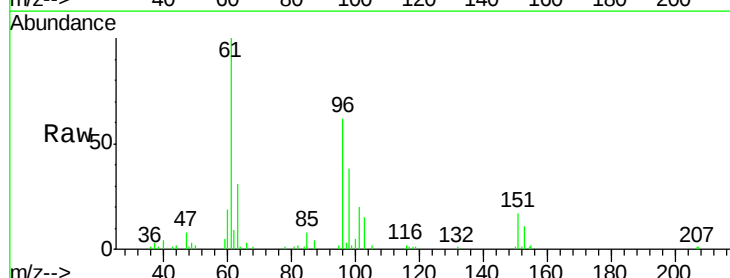
Tgt Ion: 96 Resp: 47085

Ion Ratio Lower Upper

96 100

61 161.1 121.6 182.4

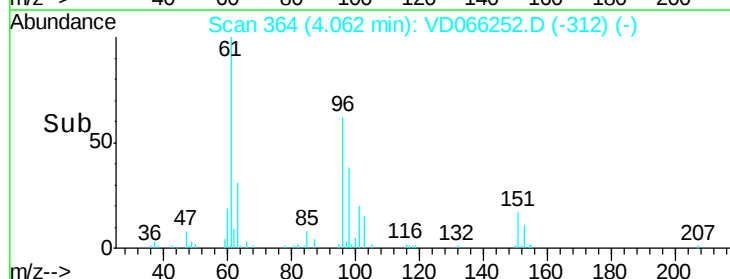
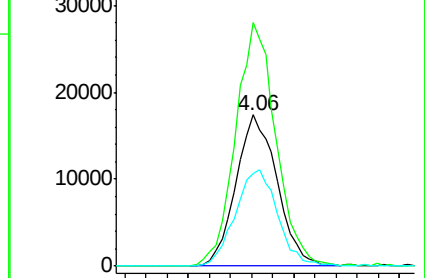
98 61.5 52.0 78.0

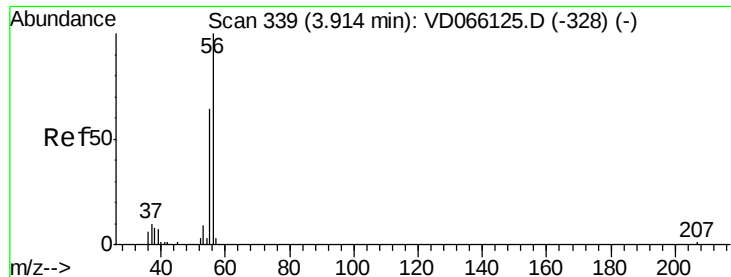


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 55.527 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.01 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

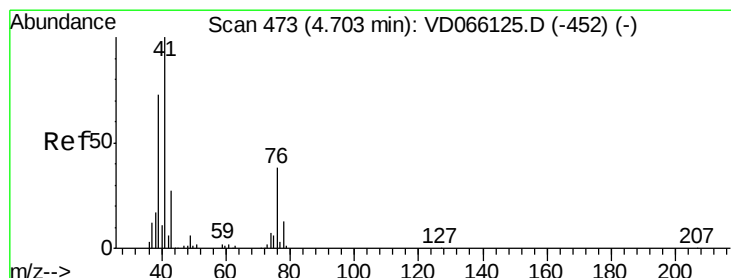
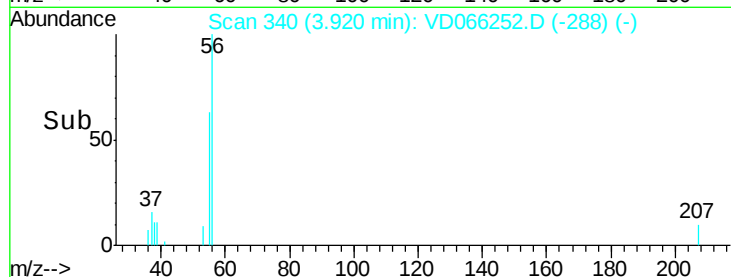
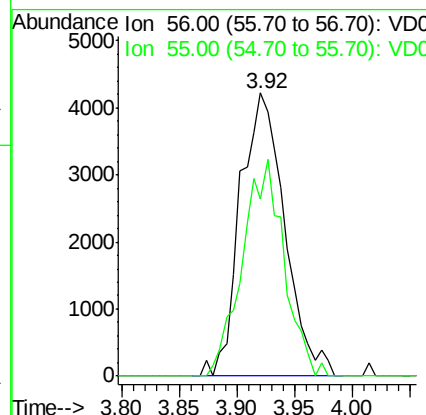
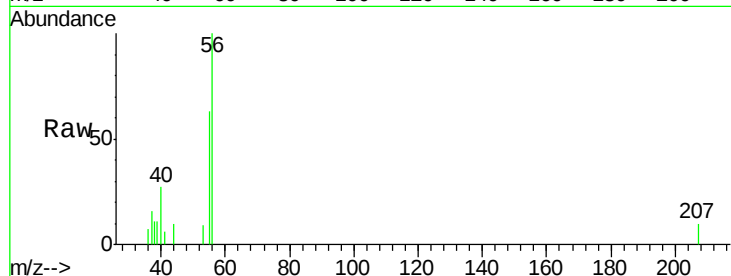
VD0817SBS01

Tgt Ion: 56 Resp: 11309

Ion Ratio Lower Upper

56 100

55 71.6 56.7 85.1



#14

Allyl chloride

Concen: 17.470 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.01 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

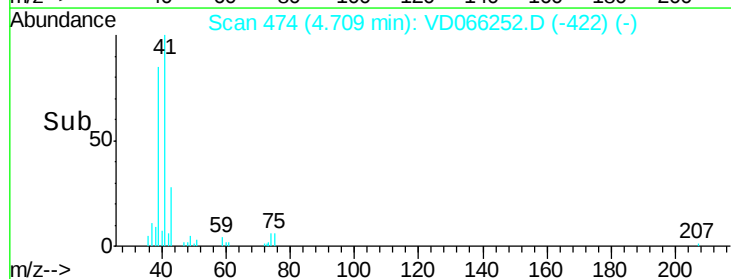
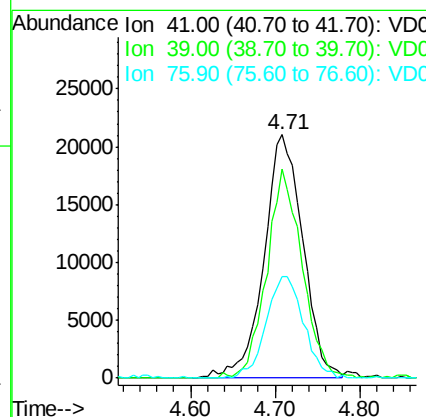
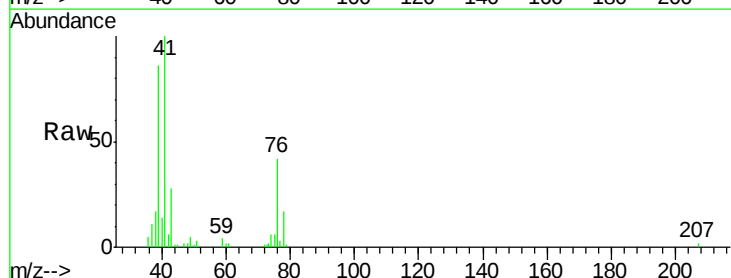
Tgt Ion: 41 Resp: 67224

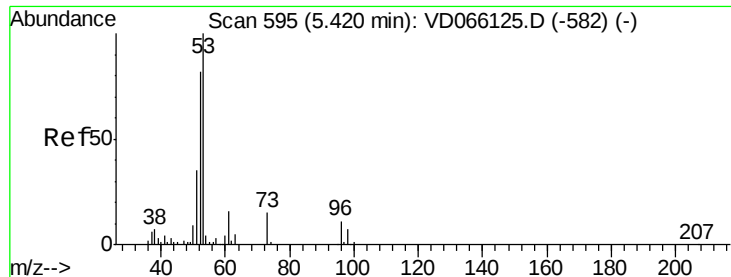
Ion Ratio Lower Upper

41 100

39 78.6 57.4 86.0

76 40.3 30.1 45.1





#15

Acrylonitrile

Concen: 86.511 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

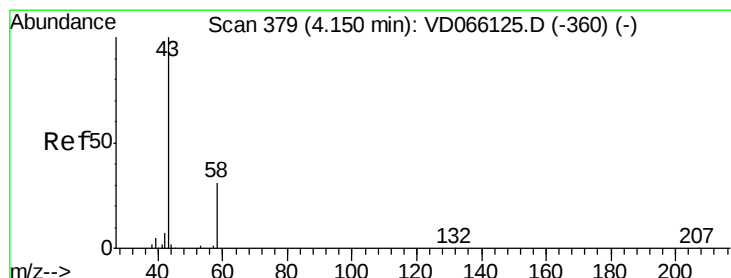
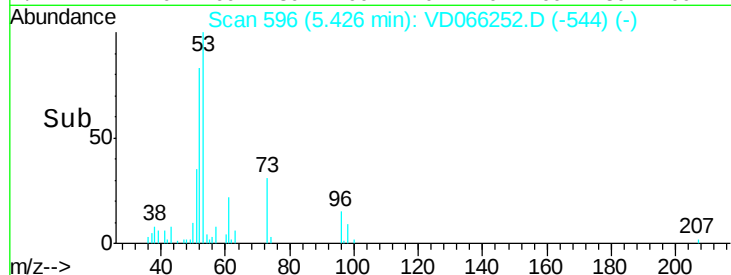
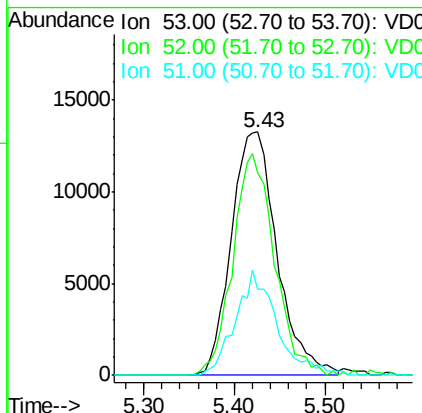
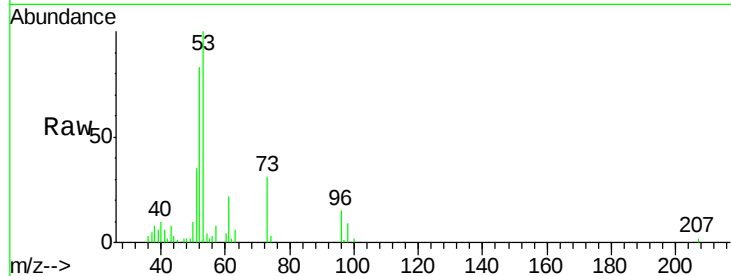
Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

Tgt Ion:	53	Resp:	46667
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.1	99.1
51	38.9	30.8	46.2



#16

Acetone

Concen: 90.879 ug/l

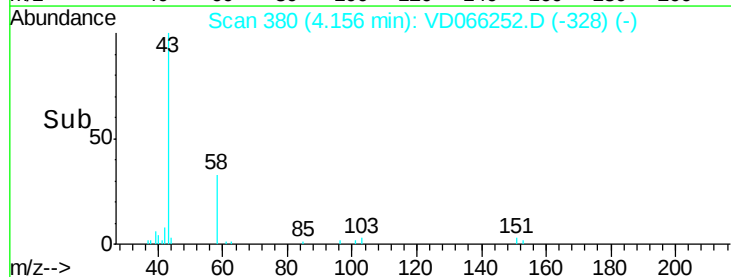
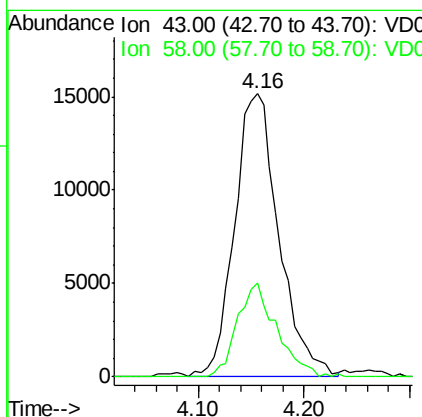
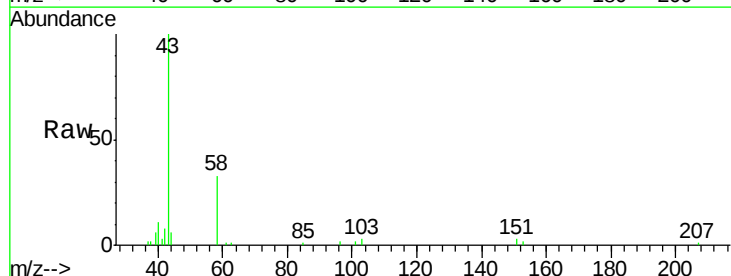
RT: 4.16 min Scan# 380

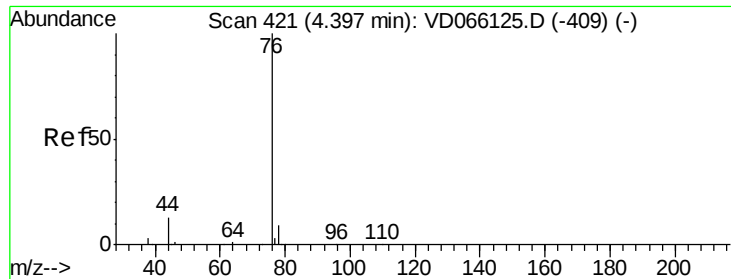
Delta R.T. 0.01 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Tgt Ion:	43	Resp:	44121
Ion	Ratio	Lower	Upper
43	100		
58	33.3	24.7	37.1

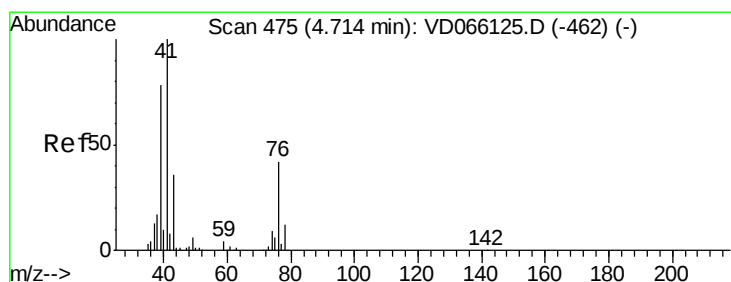
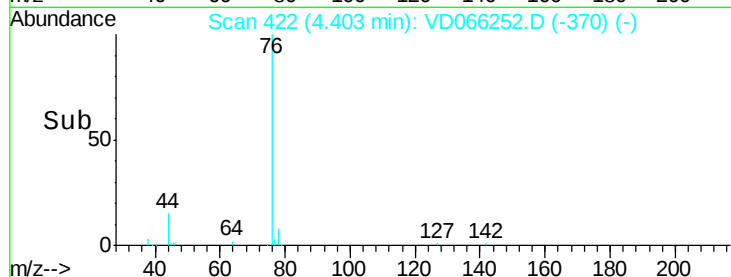
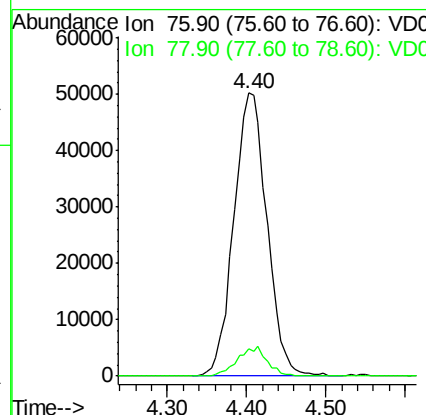
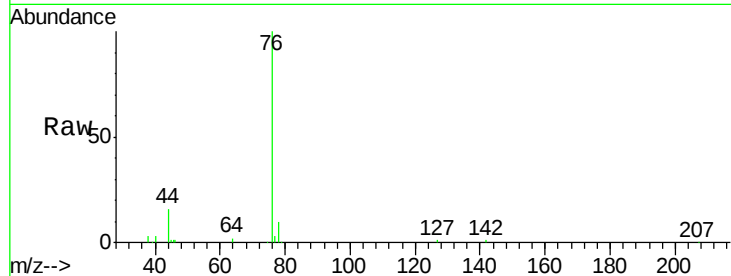




#17
Carbon Disulfide
Concen: 17.969 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD066252.D
Acq: 17 Aug 2020 12:38

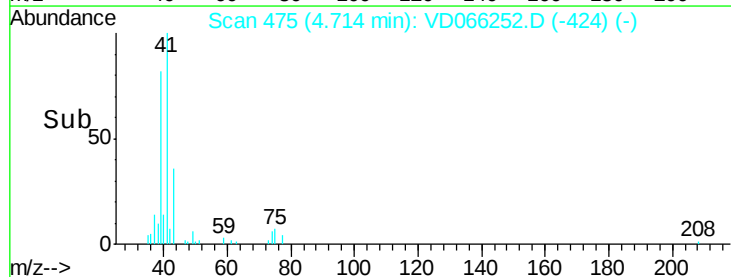
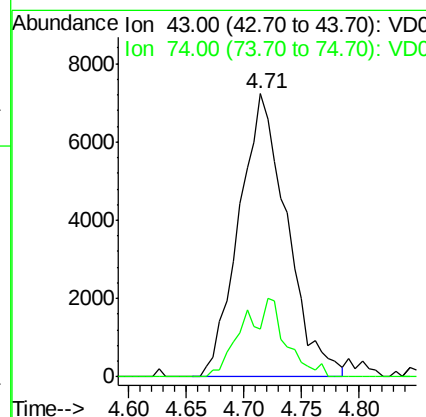
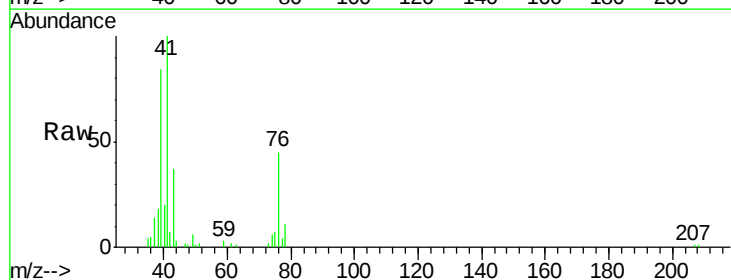
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

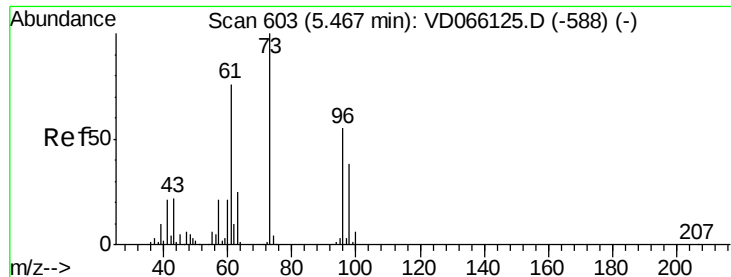
Tgt Ion: 76 Resp: 145112
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#18
Methyl Acetate
Concen: 16.936 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066252.D
Acq: 17 Aug 2020 12:38

Tgt Ion: 43 Resp: 20885
Ion Ratio Lower Upper
43 100
74 12.8 21.2 31.8#

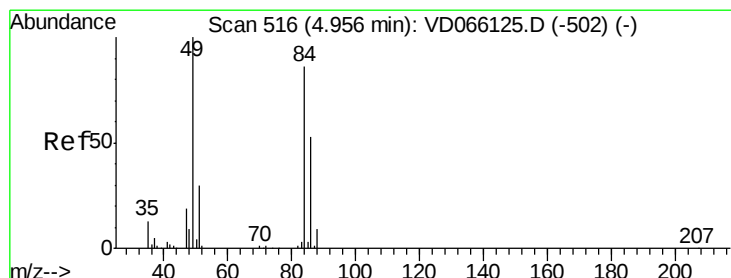
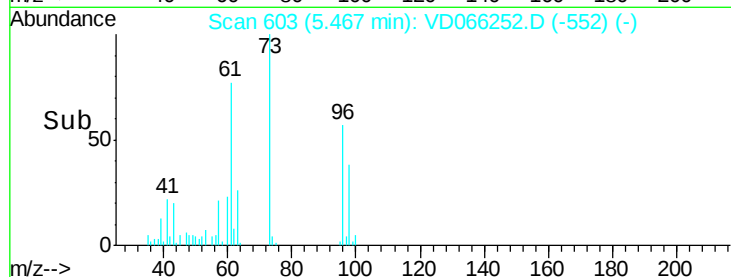
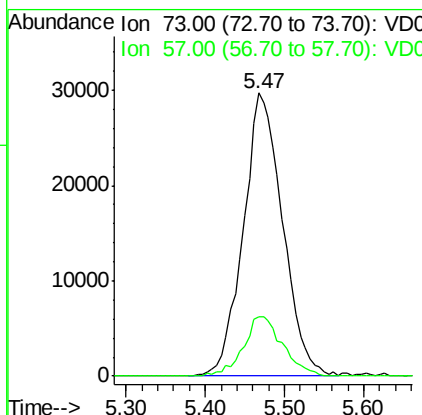
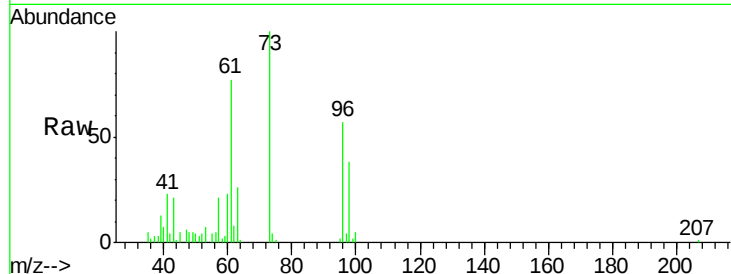




#19
Methyl tert-butyl Ether
Concen: 17.609 ug/l
RT: 5.47 min Scan# 603
Delta R.T. 0.00 min
Lab File: VD066252.D
Acq: 17 Aug 2020 12:38

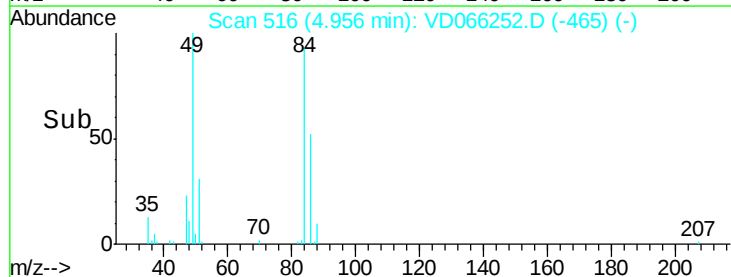
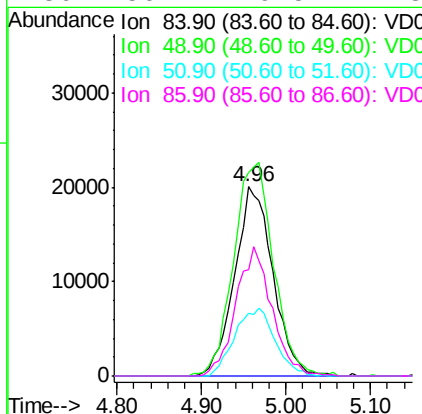
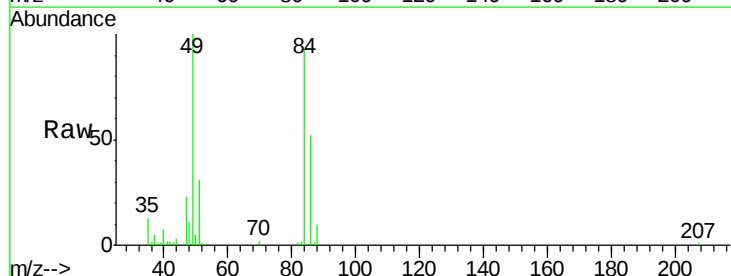
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

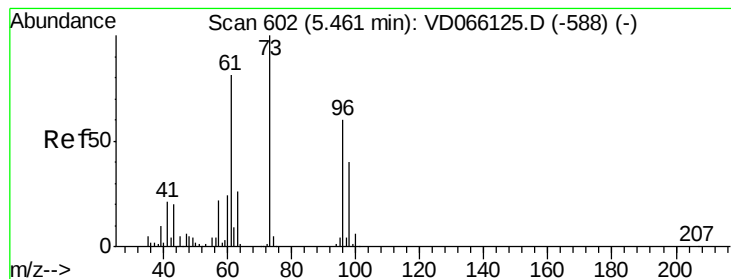
Tgt Ion: 73 Resp: 102514
Ion Ratio Lower Upper
73 100
57 21.2 17.1 25.7



#20
Methylene Chloride
Concen: 19.821 ug/l
RT: 4.96 min Scan# 516
Delta R.T. 0.00 min
Lab File: VD066252.D
Acq: 17 Aug 2020 12:38

Tgt Ion: 84 Resp: 63114
Ion Ratio Lower Upper
84 100
49 107.6 93.5 140.3
51 33.4 28.2 42.4
86 56.2 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 18.163 ug/l

RT: 5.46 min Scan# 602

Delta R.T. 0.00 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

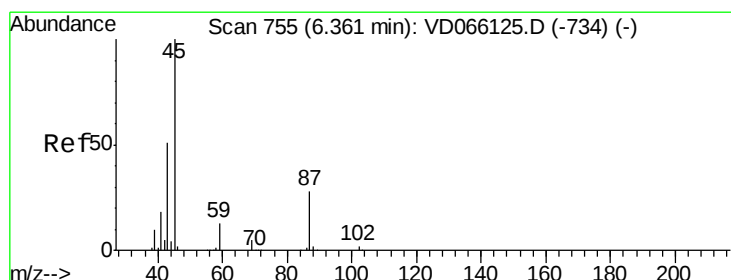
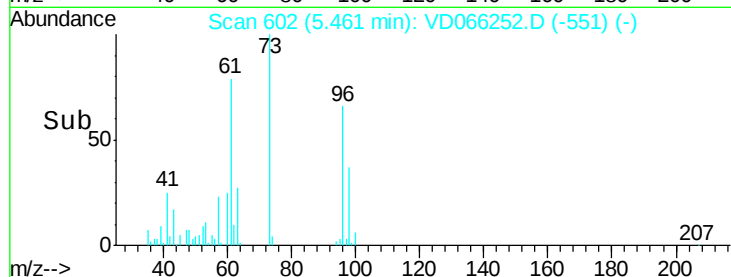
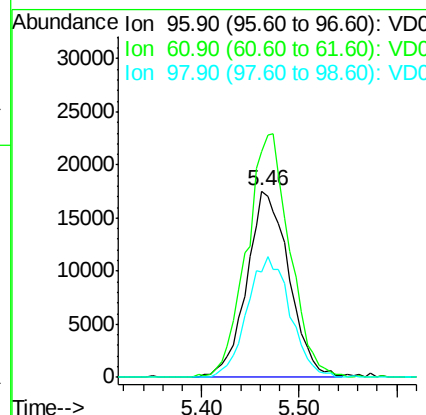
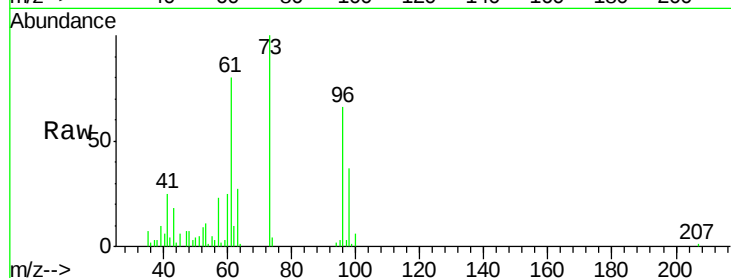
Tgt Ion: 96 Resp: 52997

Ion Ratio Lower Upper

96 100

61 121.1 106.9 160.3

98 56.3 53.4 80.0



#22

Diisopropyl ether

Concen: 17.827 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Tgt Ion: 45 Resp: 135653

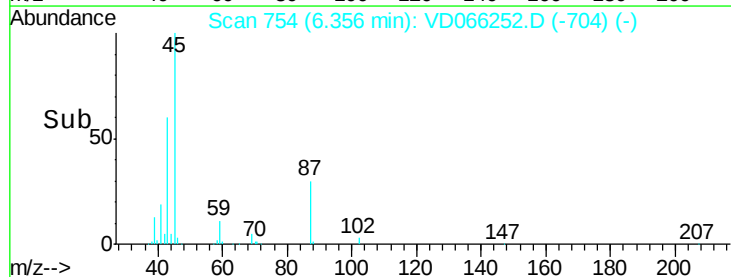
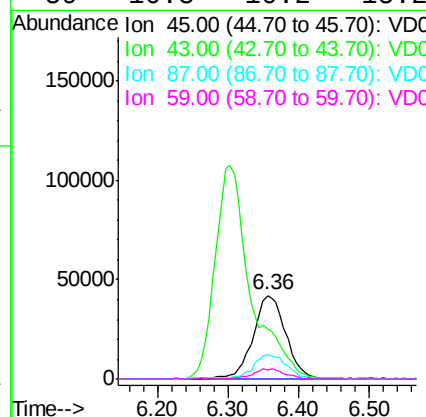
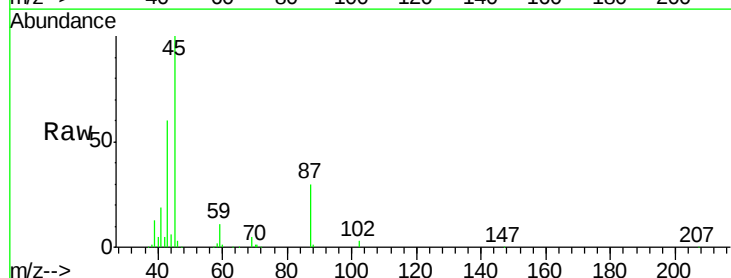
Ion Ratio Lower Upper

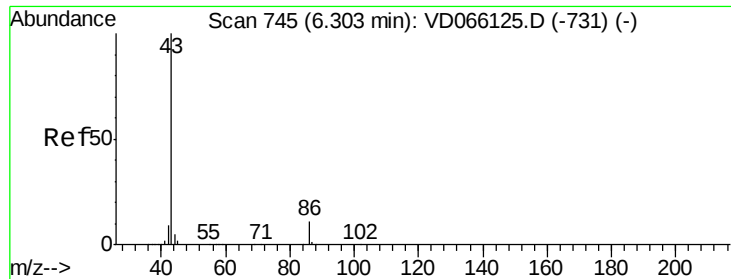
45 100

43 59.0 41.2 61.8

87 29.8 22.8 34.2

59 10.8 10.2 15.2

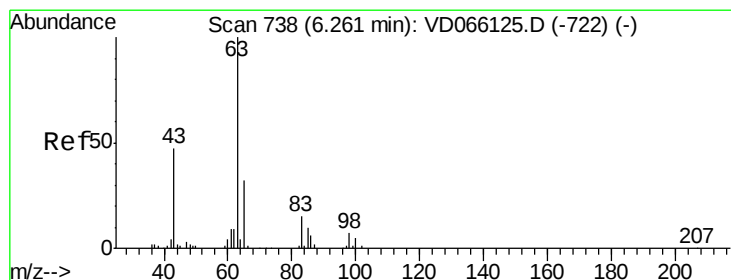
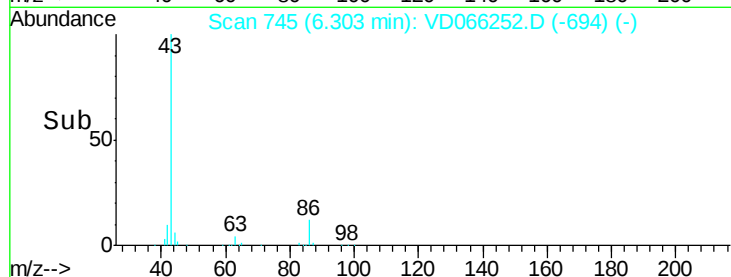
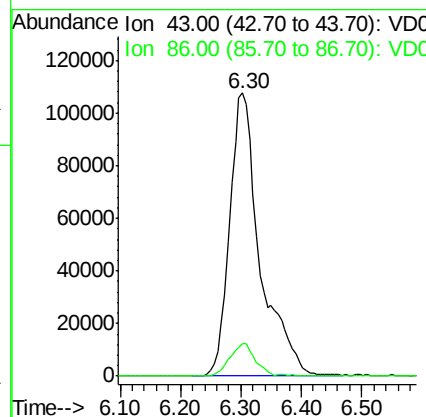
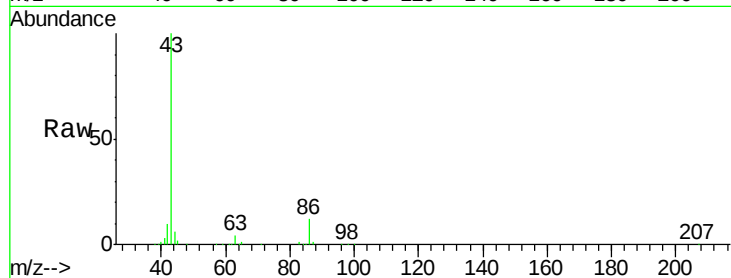




#23
 Vinyl Acetate
 Concen: 84.773 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

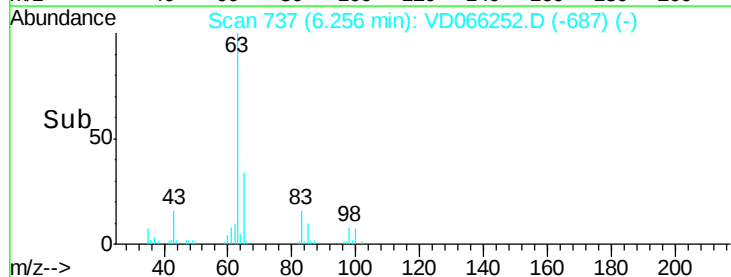
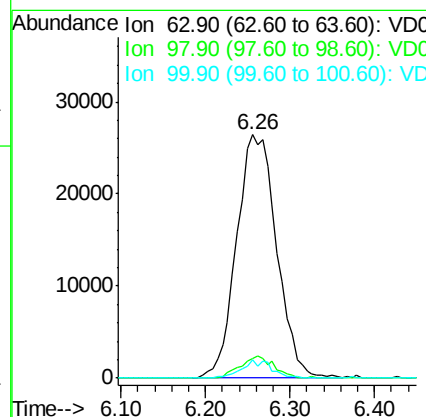
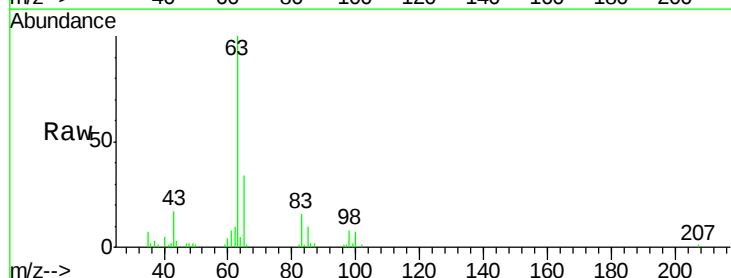
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBS01

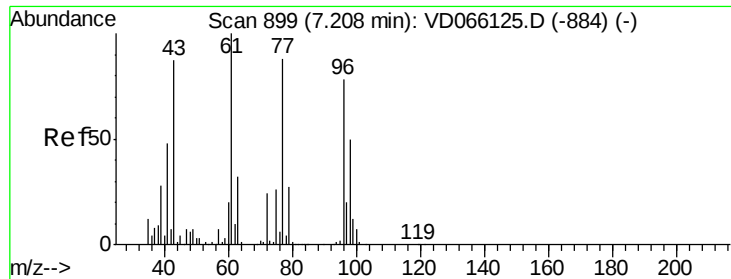
Tgt Ion: 43 Resp: 377908
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 18.428 ug/l
 RT: 6.26 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

Tgt Ion: 63 Resp: 86782
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.5
 100 7.3 2.4 7.2#

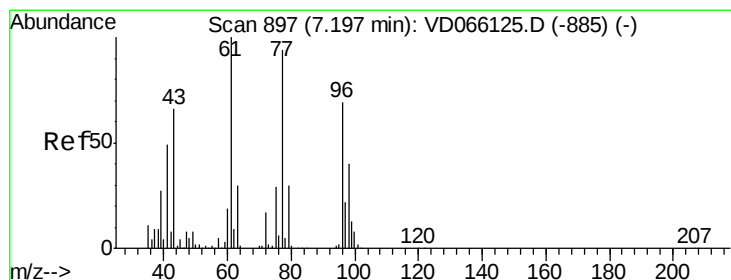
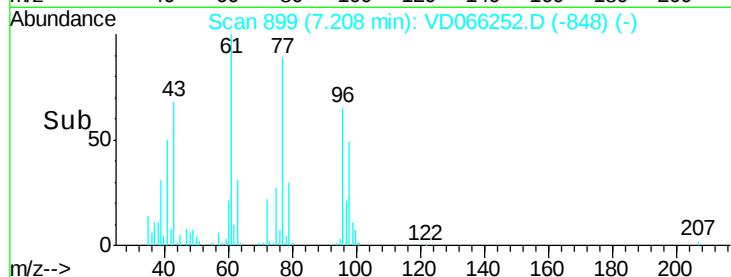
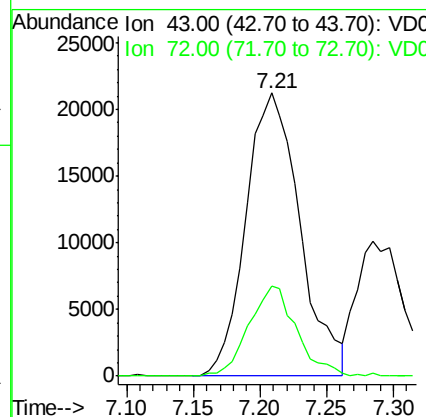
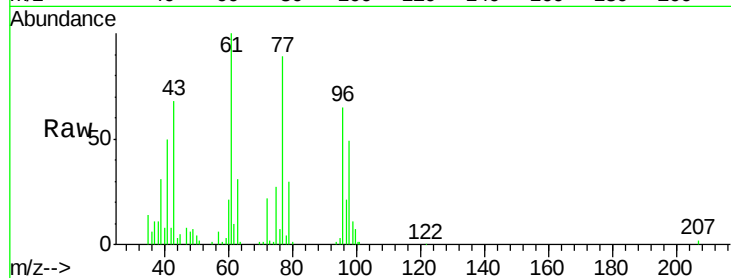




#25
2-Butanone
Concen: 83.583 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066252.D
Acq: 17 Aug 2020 12:38

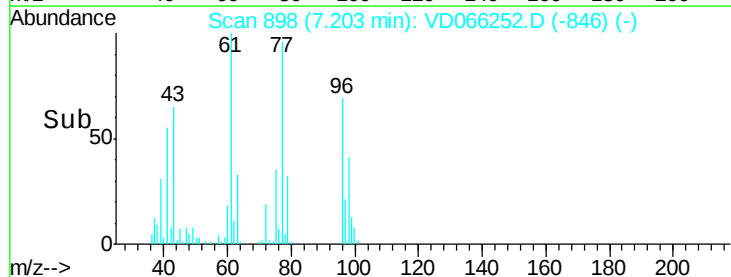
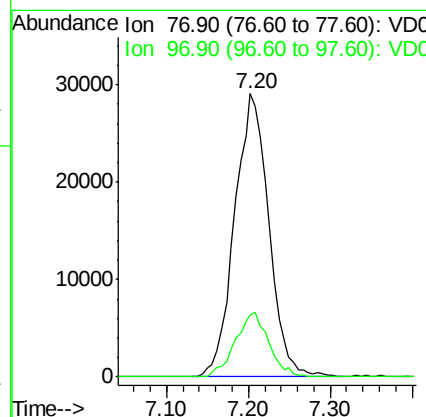
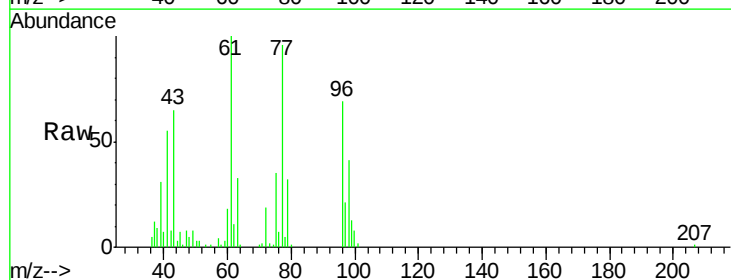
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

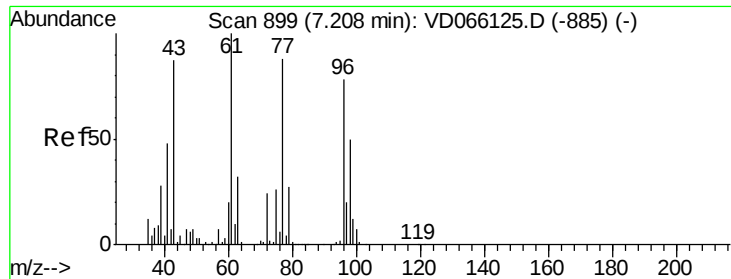
Tgt Ion: 43 Resp: 59684
Ion Ratio Lower Upper
43 100
72 31.6 22.2 33.2



#26
2,2-Dichloropropane
Concen: 20.029 ug/l
RT: 7.20 min Scan# 898
Delta R.T. 0.01 min
Lab File: VD066252.D
Acq: 17 Aug 2020 12:38

Tgt Ion: 77 Resp: 84534
Ion Ratio Lower Upper
77 100
97 22.2 11.8 35.3



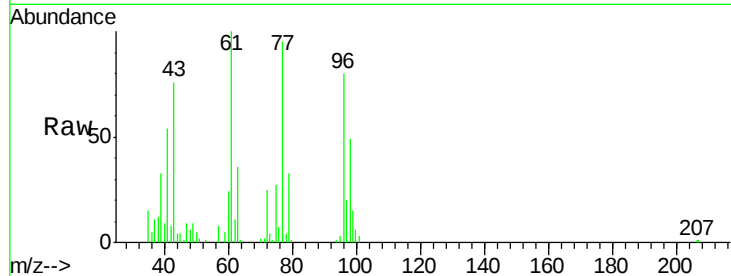


#27

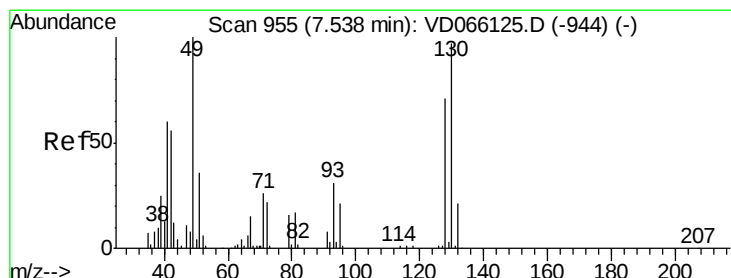
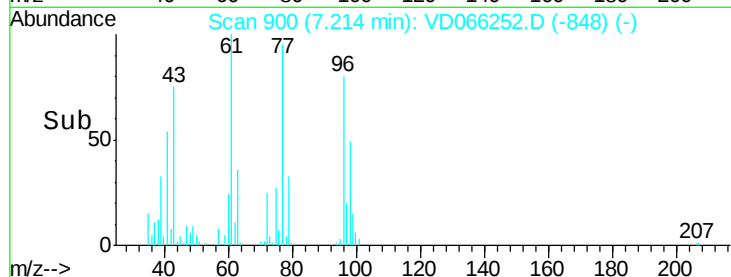
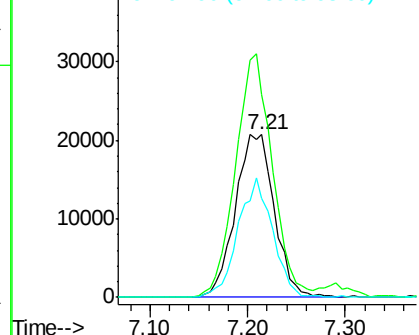
cis-1,2-Dichloroethene
 Concen: 18.900 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBS01

Tgt Ion: 96 Resp: 57842
 Ion Ratio Lower Upper
 96 100
 61 141.1 0.0 281.6
 98 65.2 0.0 130.8



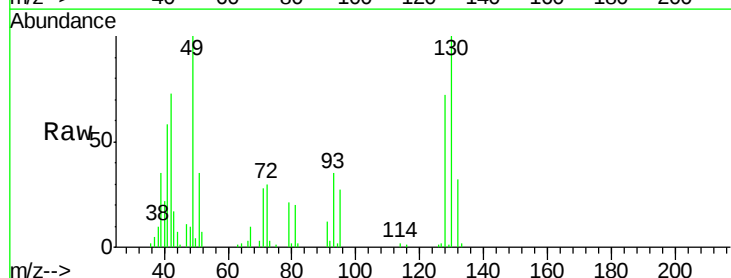
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



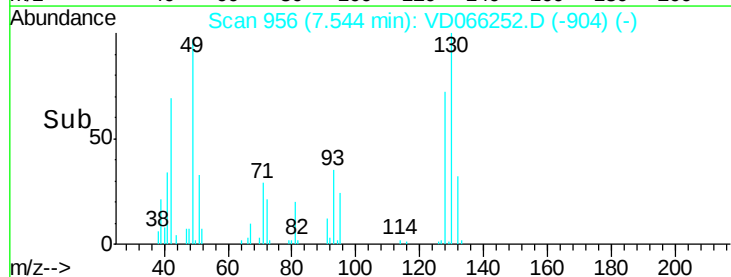
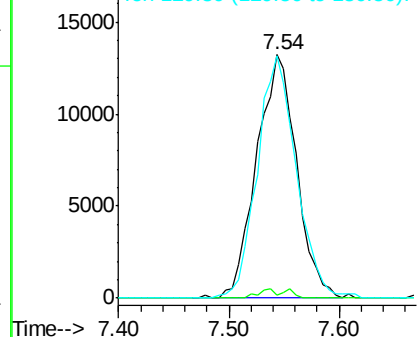
#28

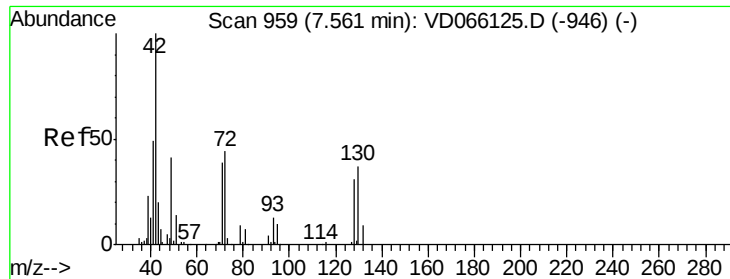
Bromochloromethane
 Concen: 20.265 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.01 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

Tgt Ion: 49 Resp: 33517
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 6.0
 130 97.4 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: 80.244 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

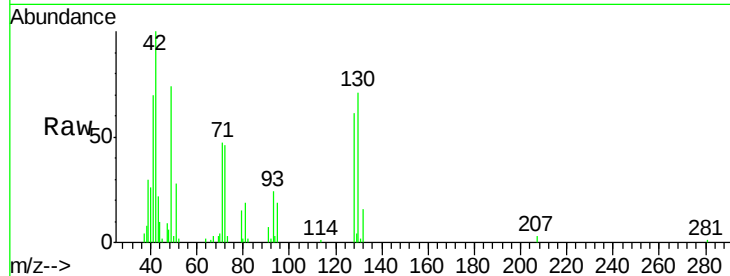
Tgt Ion: 42 Resp: 35501

Ion Ratio Lower Upper

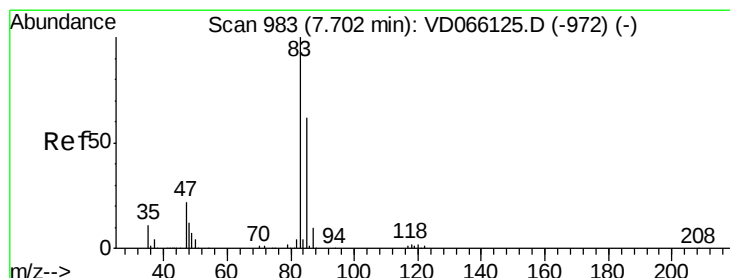
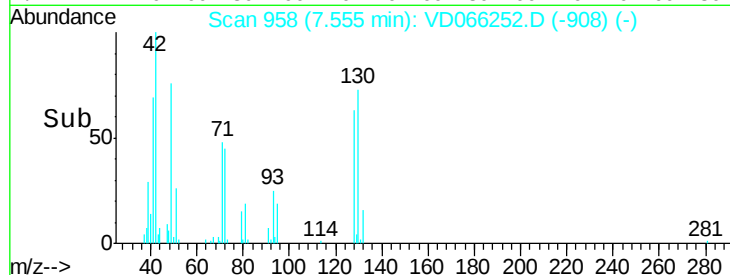
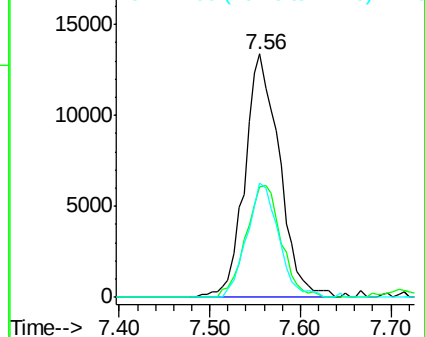
42 100

72 46.7 34.8 52.2

71 43.2 33.5 50.3



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 19.029 ug/l

RT: 7.70 min Scan# 983

Delta R.T. 0.00 min

Lab File: VD066252.D

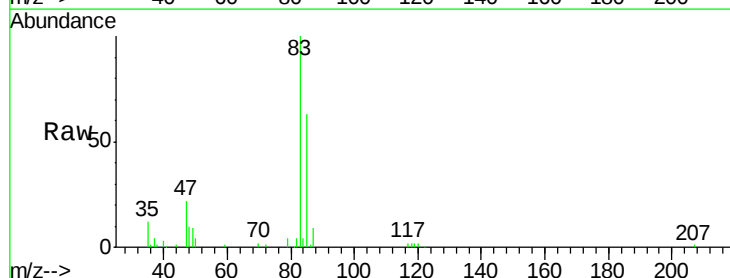
Acq: 17 Aug 2020 12:38

Tgt Ion: 83 Resp: 94092

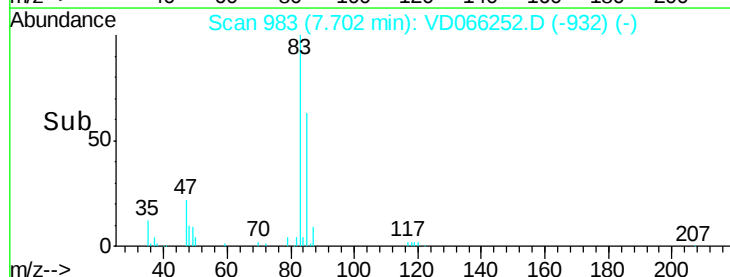
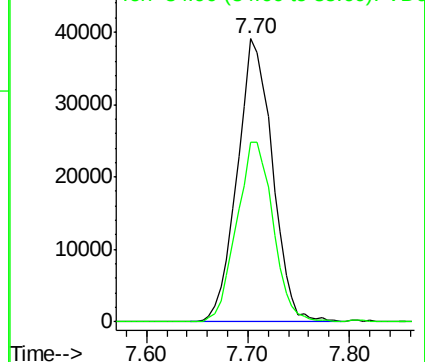
Ion Ratio Lower Upper

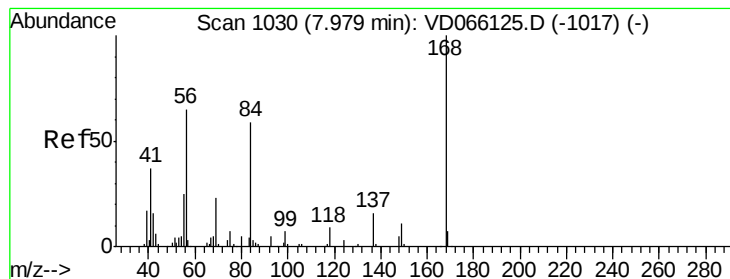
83 100

85 63.4 49.5 74.3



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





#31

Cyclohexane

Concen: 18.315 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

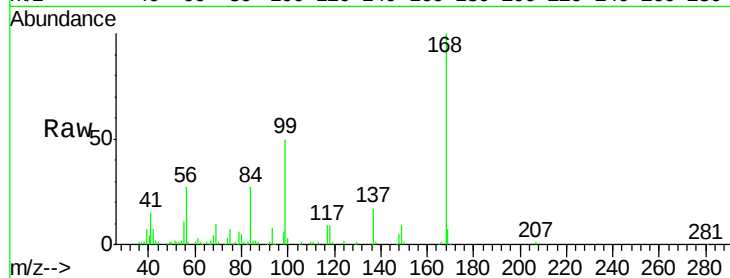
Tgt Ion: 56 Resp: 82101

Ion Ratio Lower Upper

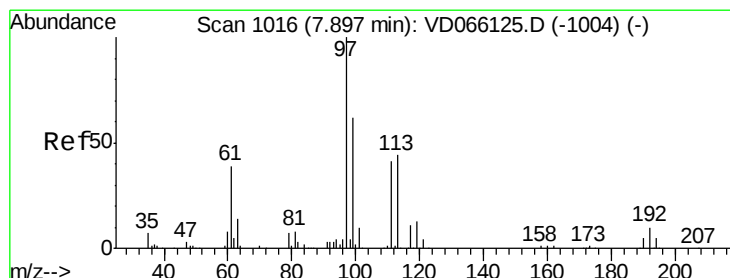
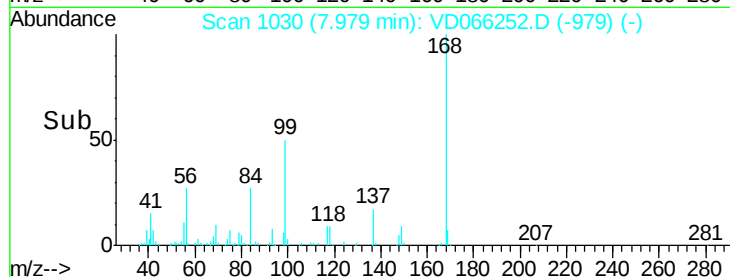
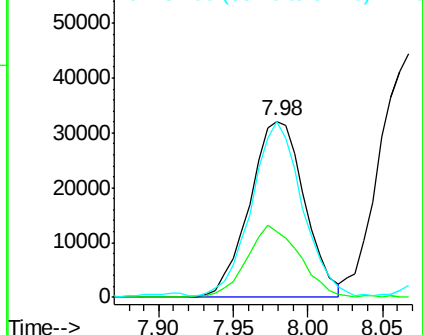
56 100

69 37.5 28.8 43.2

84 98.8 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: 19.692 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

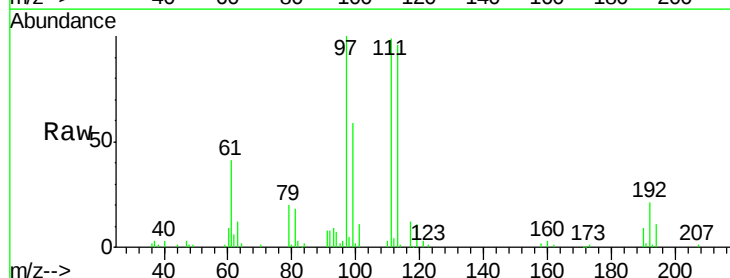
Tgt Ion: 97 Resp: 91296

Ion Ratio Lower Upper

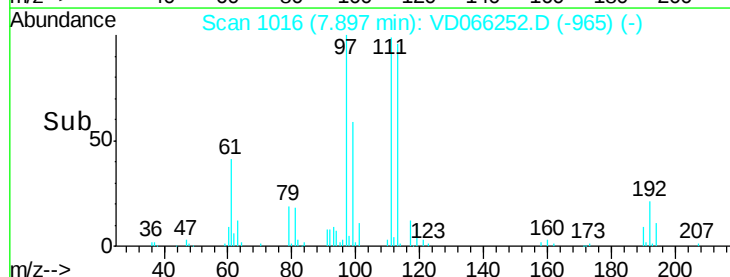
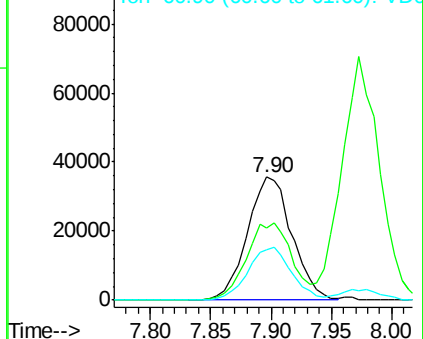
97 100

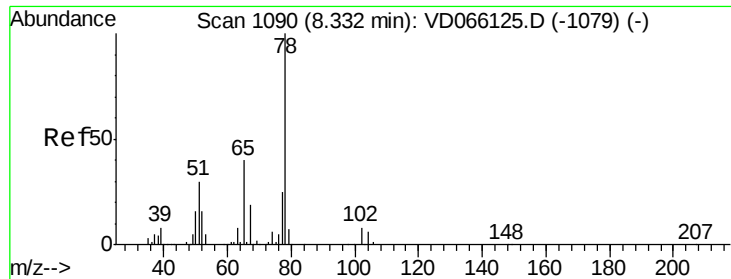
99 64.0 51.1 76.7

61 42.2 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

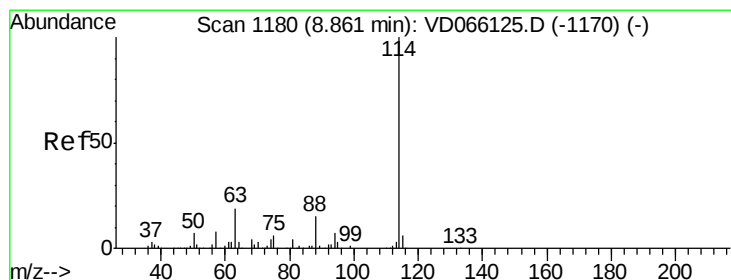
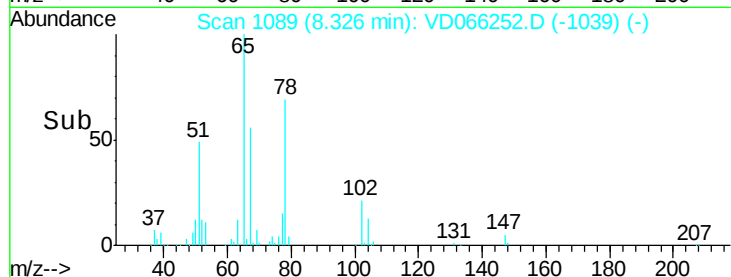
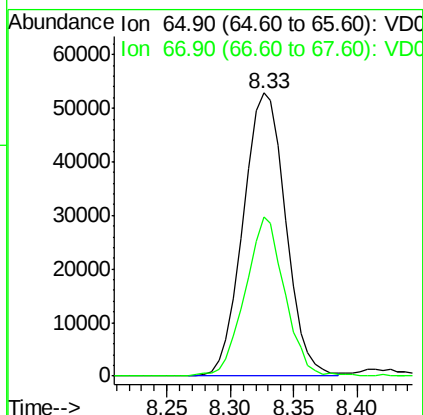
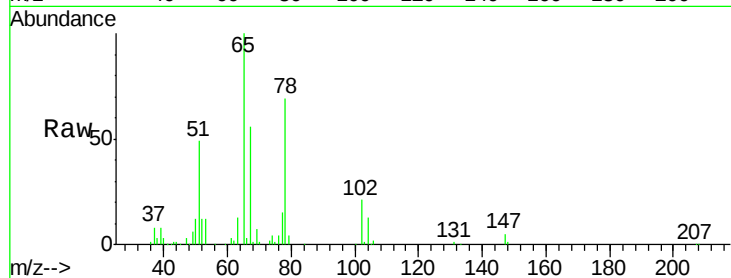




#33
 1,2-Dichloroethane-d4
 Concen: 48.198 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

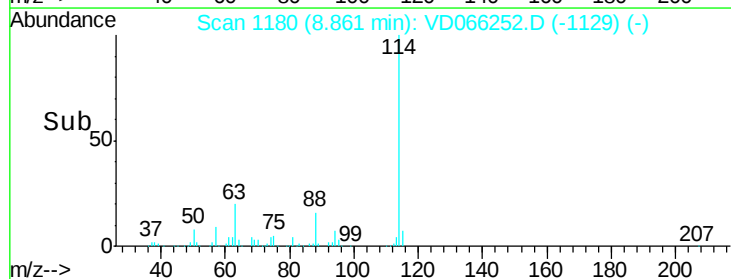
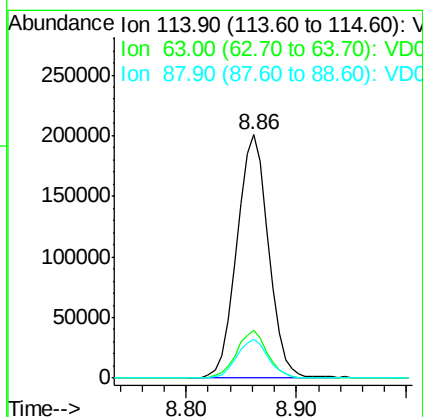
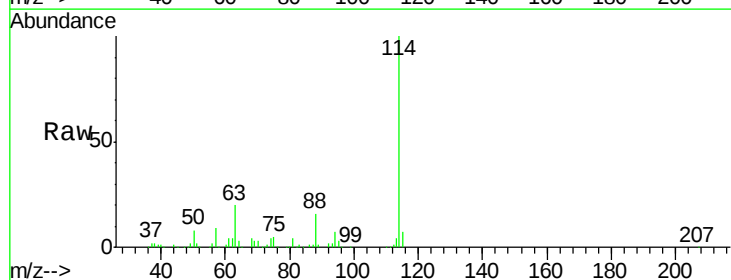
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBS01

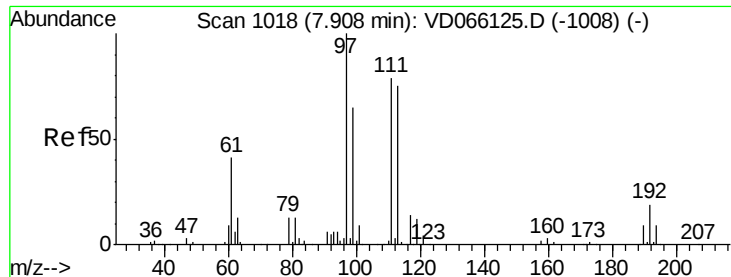
Tgt Ion: 65 Resp: 123324
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

Tgt Ion: 114 Resp: 405552
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 16.1 0.0 30.0

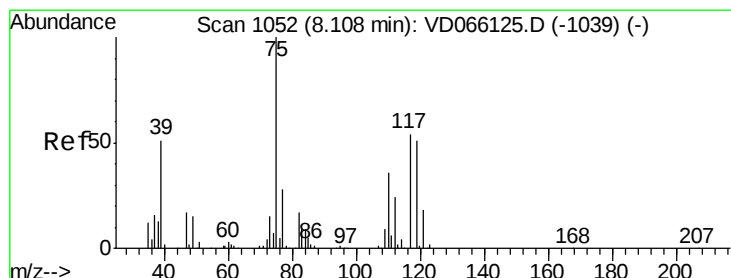
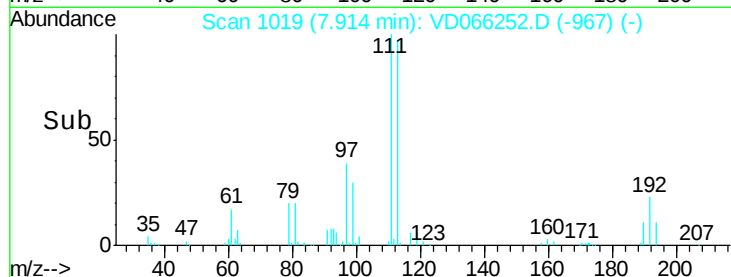
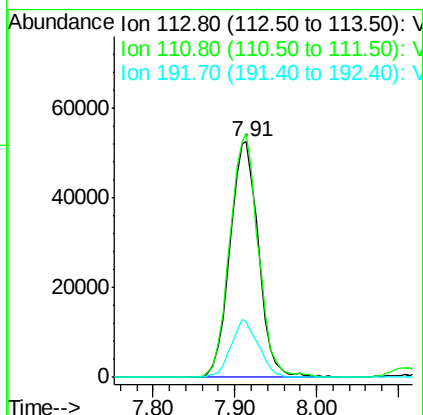
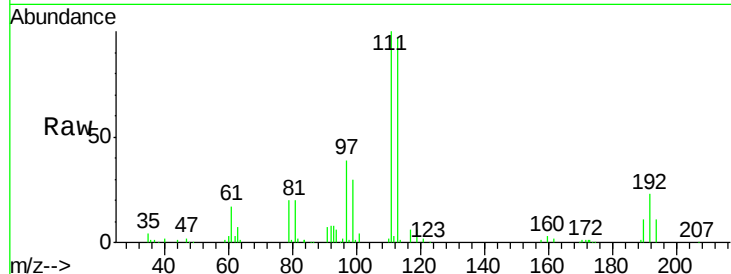




#35
 Dibromofluoromethane
 Concen: 49.572 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

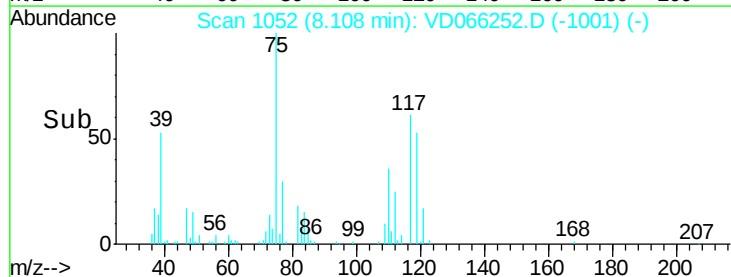
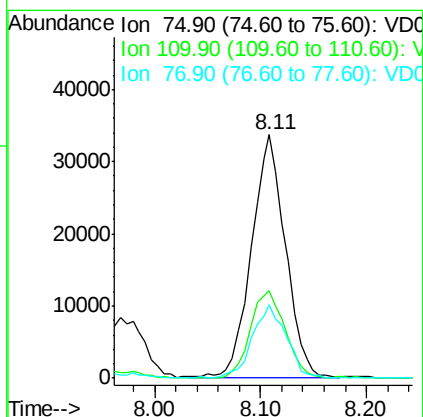
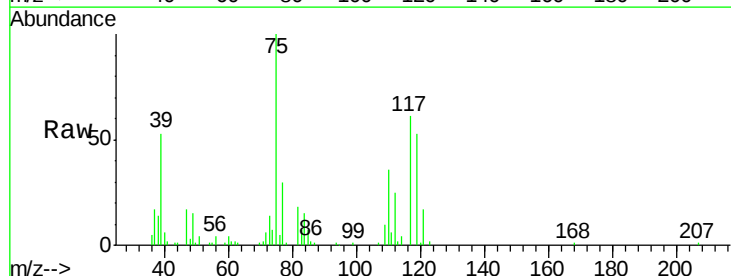
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBS01

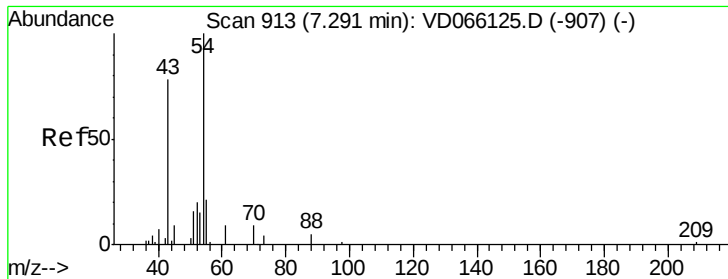
Tgt Ion: 113 Resp: 127358
 Ion Ratio Lower Upper
 113 100
 111 103.3 80.7 121.1
 192 23.6 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 19.824 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

Tgt Ion: 75 Resp: 75550
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.8 56.3
 77 29.9 24.2 36.2

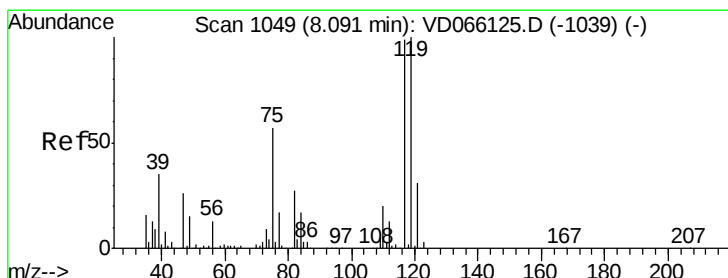
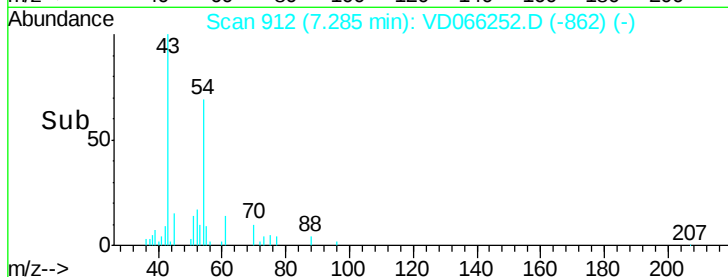
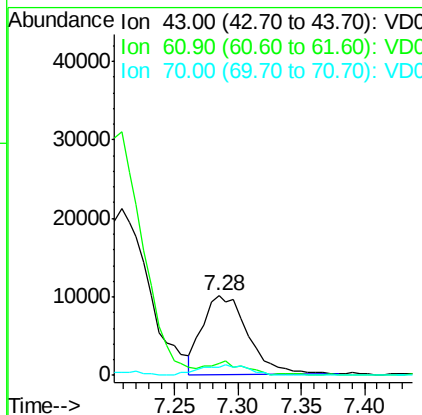
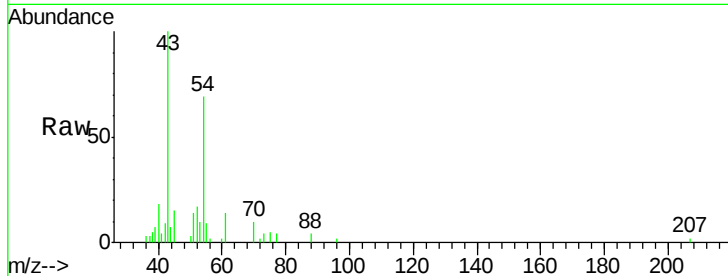




#37
 Ethyl Acetate
 Concen: 16.475 ug/l
 RT: 7.28 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

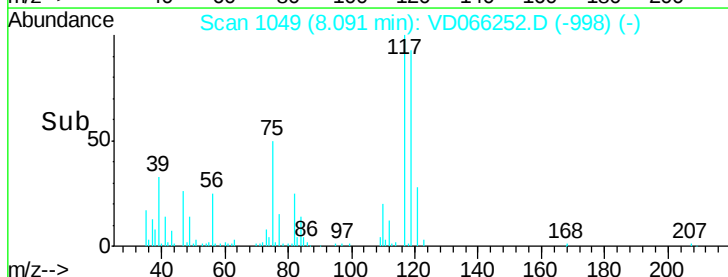
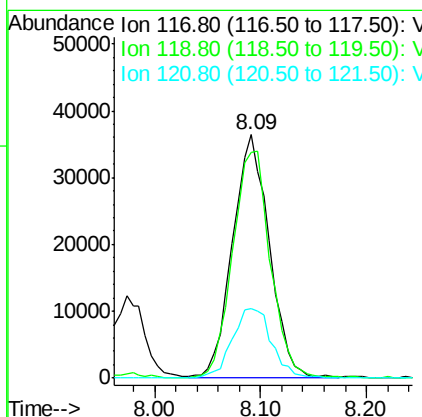
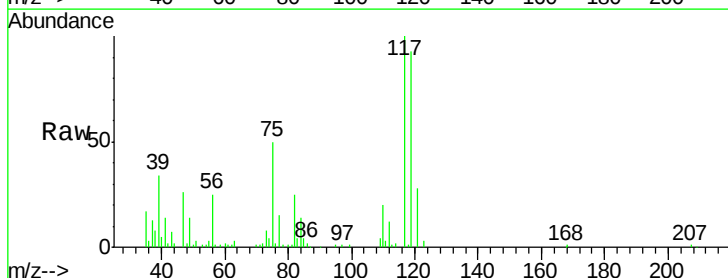
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBS01

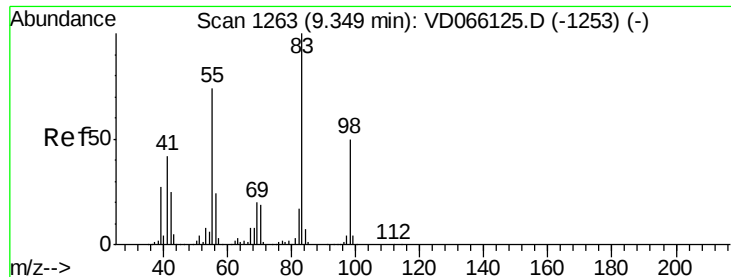
Tgt Ion: 43 Resp: 24876
 Ion Ratio Lower Upper
 43 100
 61 14.3 12.0 18.0
 70 13.5 9.7 14.5



#38
 Carbon Tetrachloride
 Concen: 20.736 ug/l
 RT: 8.09 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

Tgt Ion: 117 Resp: 88124
 Ion Ratio Lower Upper
 117 100
 119 92.6 81.0 121.4
 121 28.4 24.8 37.2

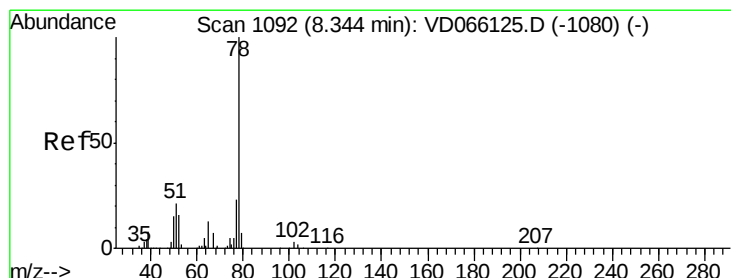
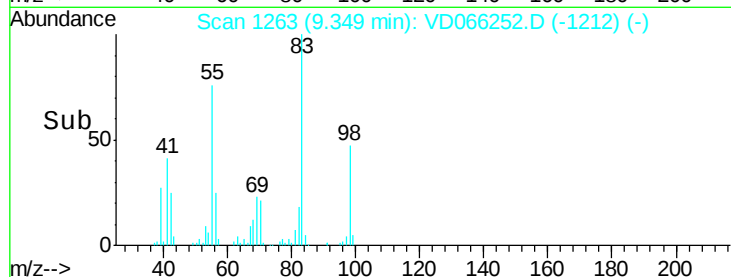
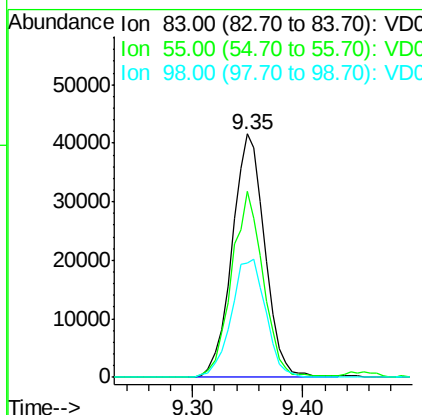
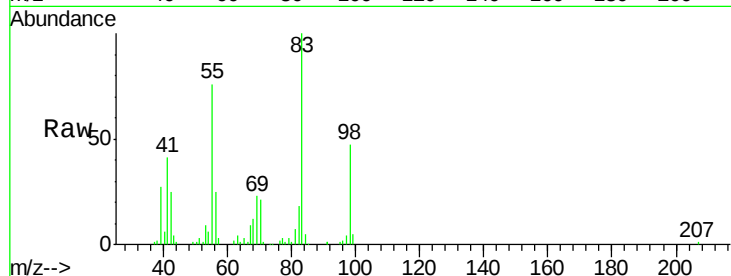




#39
Methylcyclohexane
Concen: 18.752 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066252.D
Acq: 17 Aug 2020 12:38

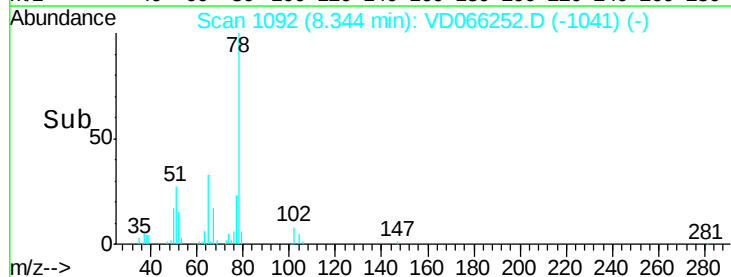
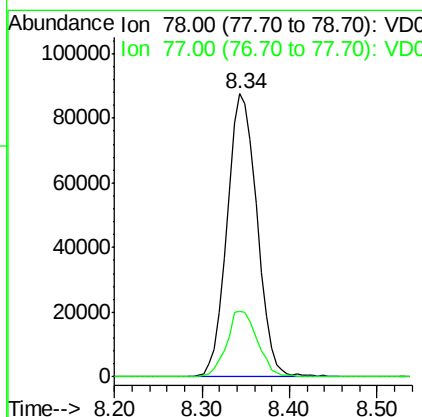
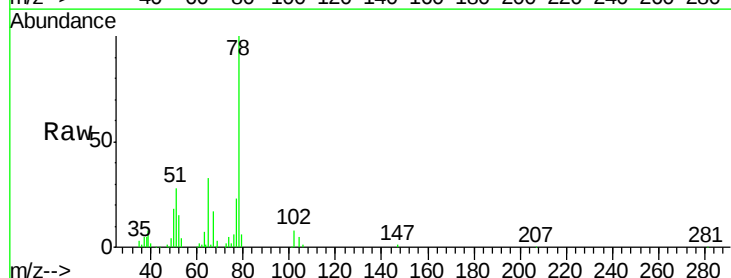
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

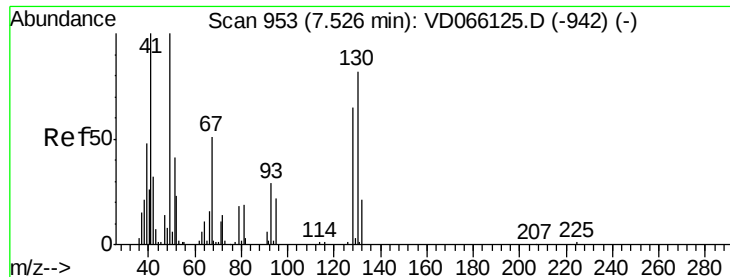
Tgt Ion: 83 Resp: 86389
Ion Ratio Lower Upper
83 100
55 76.3 59.2 88.8
98 47.1 39.8 59.6



#40
Benzene
Concen: 19.267 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066252.D
Acq: 17 Aug 2020 12:38

Tgt Ion: 78 Resp: 203685
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8





#41

Methacrylonitrile

Concen: 42.427 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.03 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

Tgt Ion: 41 Resp: 37667

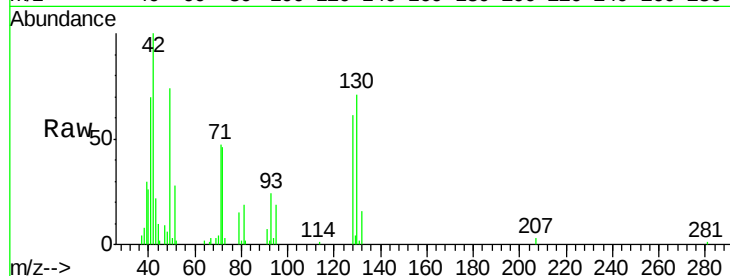
Ion Ratio Lower Upper

41 100

39 31.2 47.5 71.3#

67 0.0 59.1 88.7#

52 0.0 25.4 38.0#

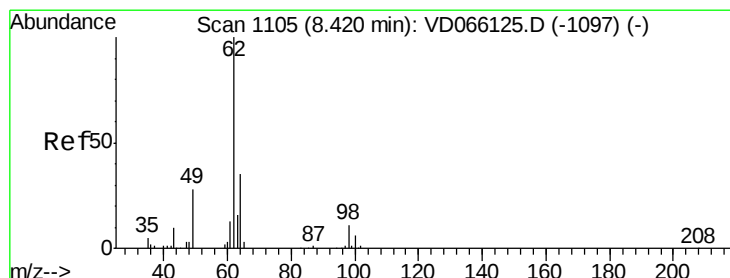
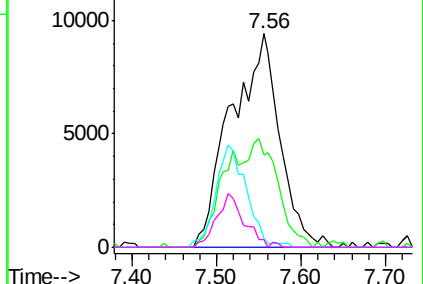
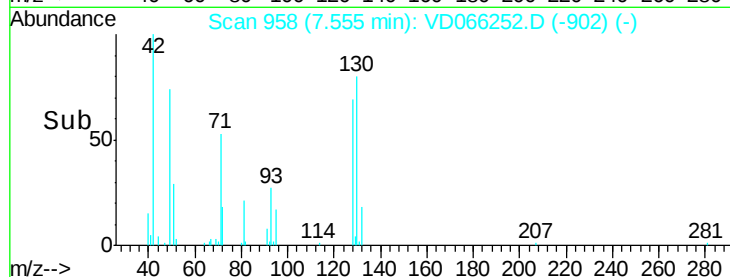


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 19.671 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066252.D

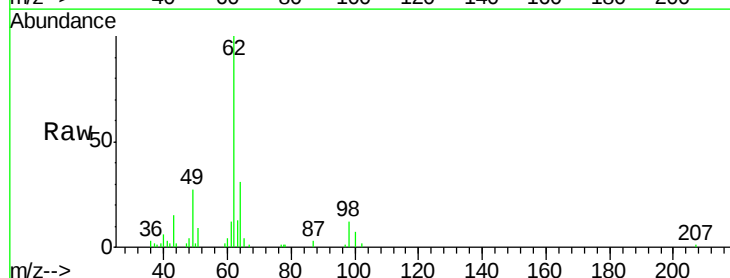
Acq: 17 Aug 2020 12:38

Tgt Ion: 62 Resp: 61092

Ion Ratio Lower Upper

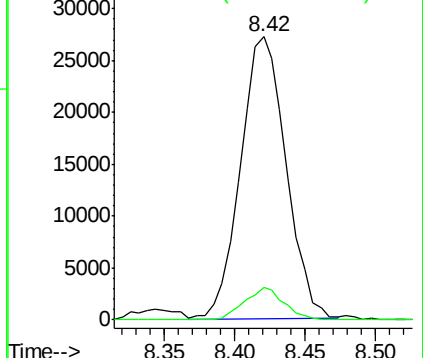
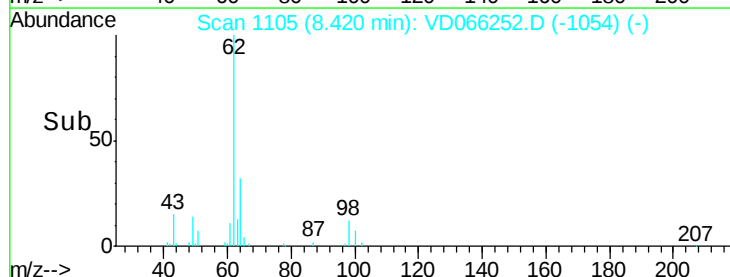
62 100

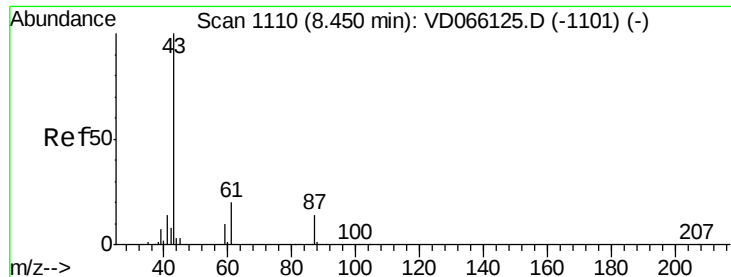
98 10.0 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 17.979 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

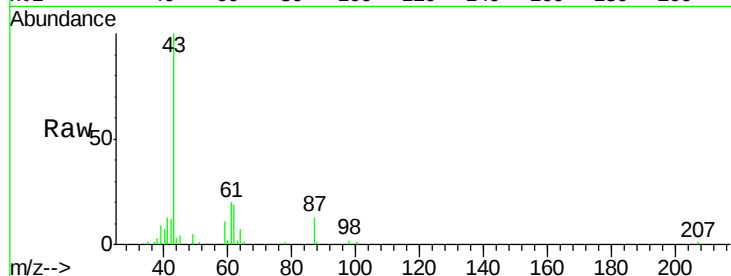
Tgt Ion: 43 Resp: 53488

Ion Ratio Lower Upper

43 100

61 31.5 25.5 38.3

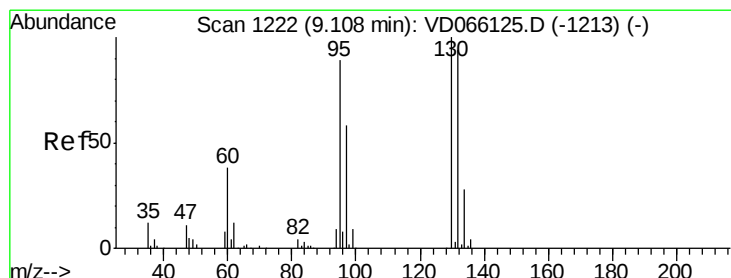
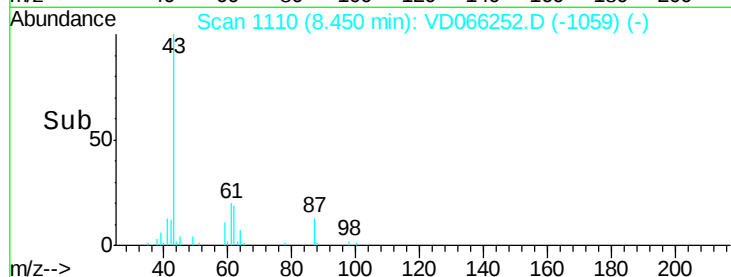
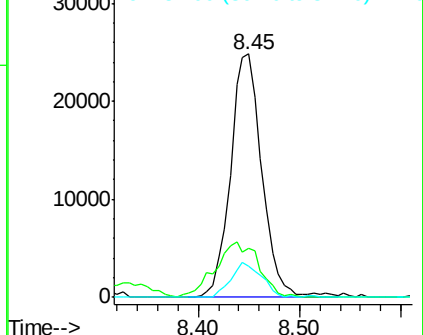
87 13.8 11.2 16.8



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: 19.266 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066252.D

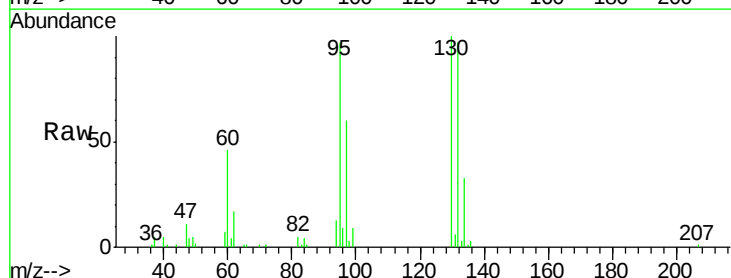
Acq: 17 Aug 2020 12:38

Tgt Ion: 130 Resp: 61375

Ion Ratio Lower Upper

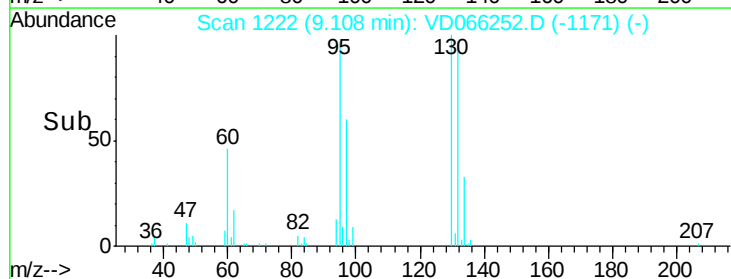
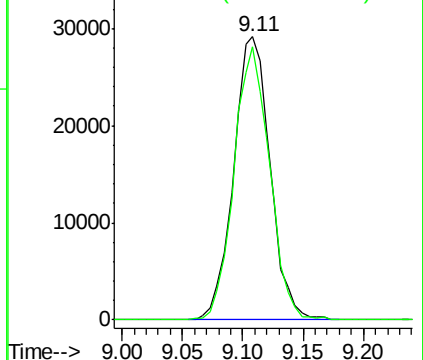
130 100

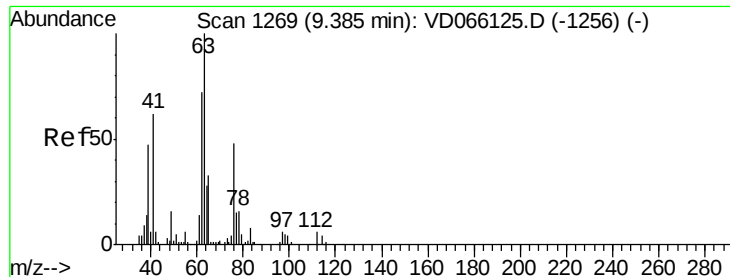
95 96.6 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 18.143 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

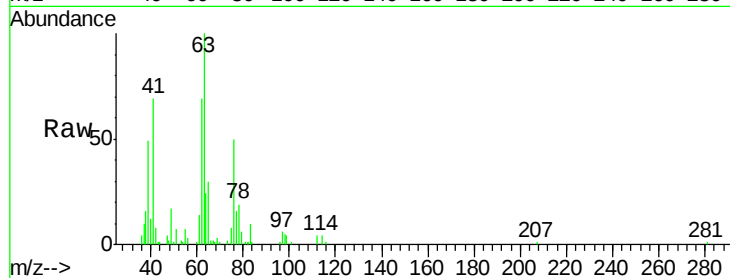
VD0817SBS01

Tgt Ion: 63 Resp: 46910

Ion Ratio Lower Upper

63 100

65 30.3 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

25000

20000

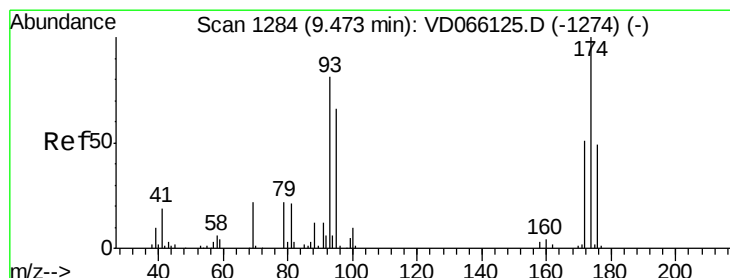
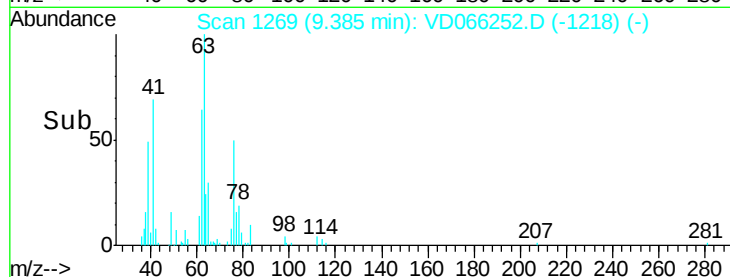
15000

10000

5000

0

Time--> 9.30 9.35 9.40 9.45



#46

Dibromomethane

Concen: 18.454 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

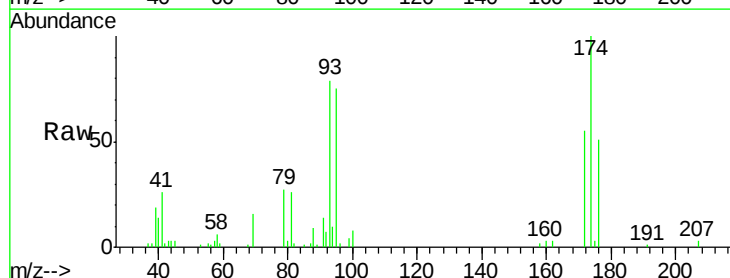
Tgt Ion: 93 Resp: 26282

Ion Ratio Lower Upper

93 100

95 86.3 65.8 98.6

174 120.6 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): V

20000

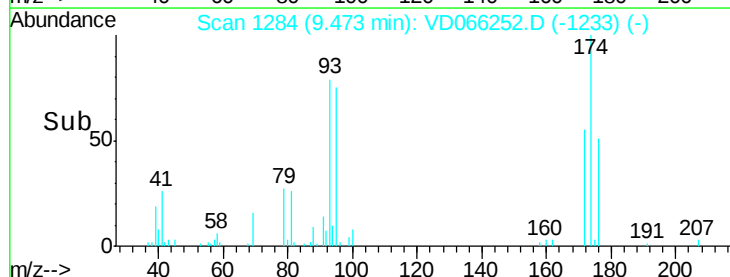
15000

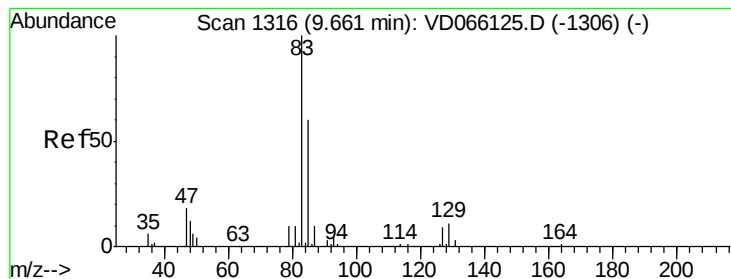
10000

5000

0

Time--> 9.40 9.45 9.50 9.55





#47

Bromodichloromethane

Concen: 19.357 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

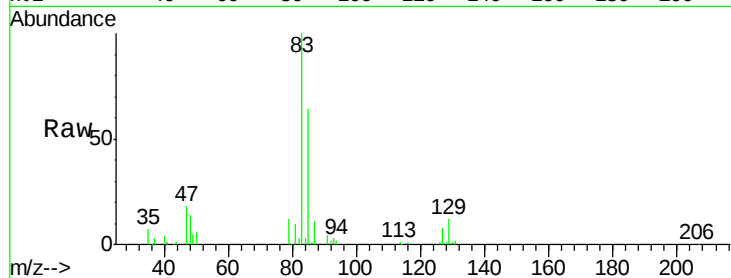
Tgt Ion: 83 Resp: 72865

Ion Ratio Lower Upper

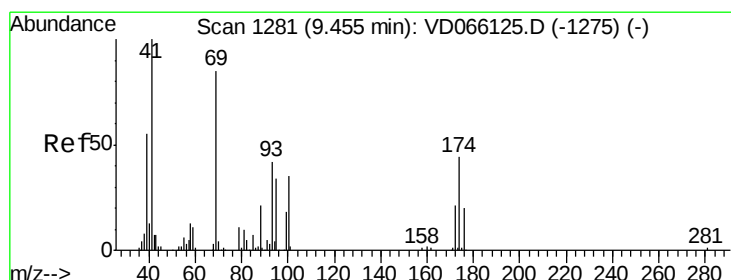
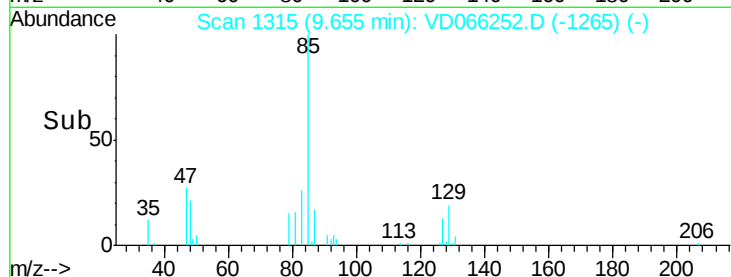
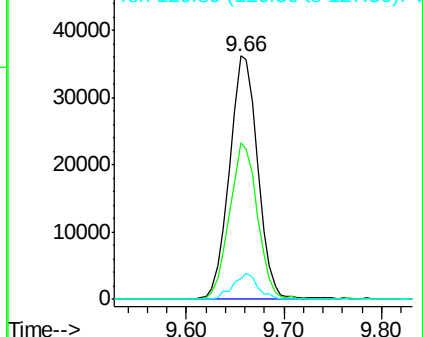
83 100

85 64.4 48.2 72.4

127 8.4 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: 17.954 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

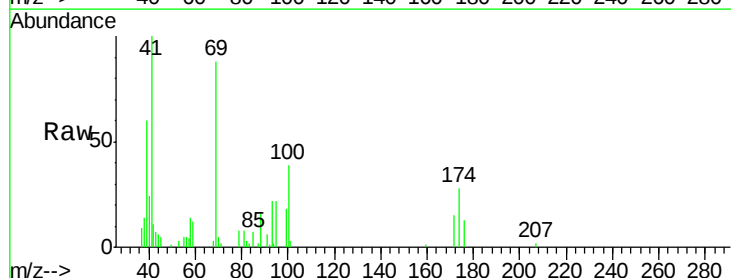
Tgt Ion: 41 Resp: 27275

Ion Ratio Lower Upper

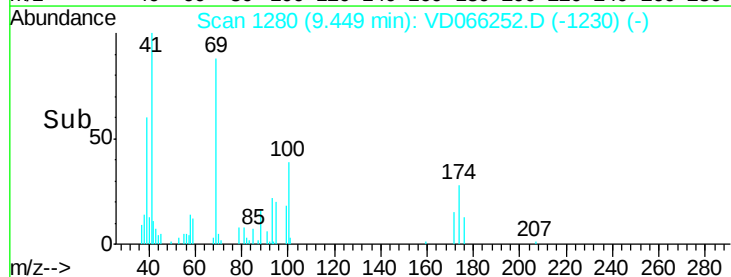
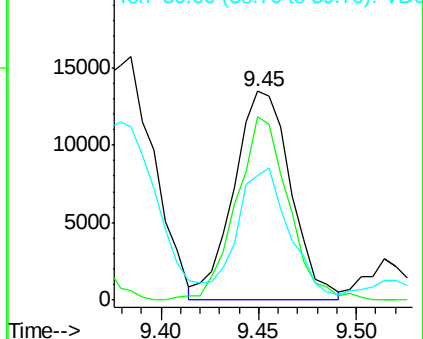
41 100

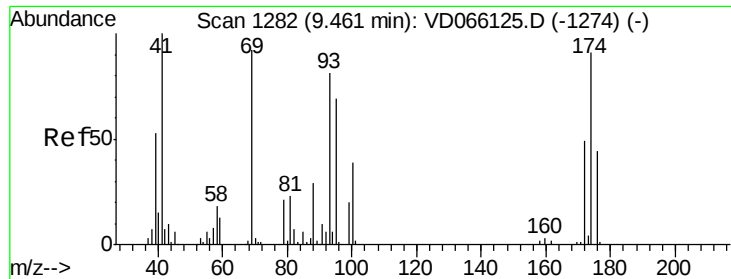
69 80.4 63.9 95.9

39 53.0 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: 302.116 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

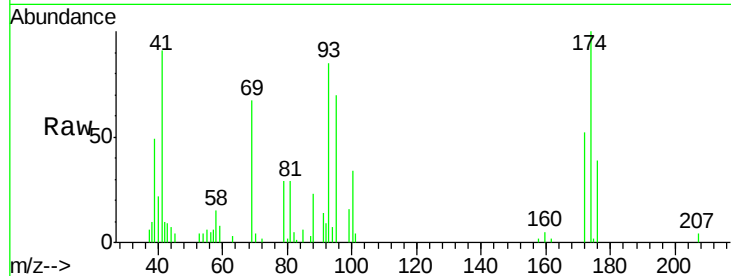
Tgt Ion: 88 Resp: 5528

Ion Ratio Lower Upper

88 100

43 47.6 27.5 41.3#

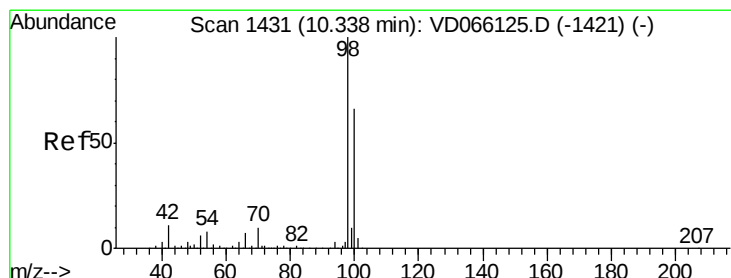
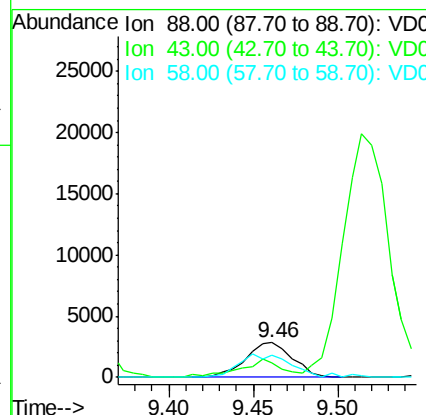
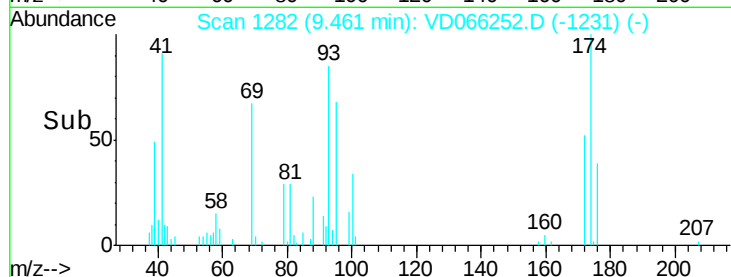
58 72.3 50.2 75.4



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: 50.268 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066252.D

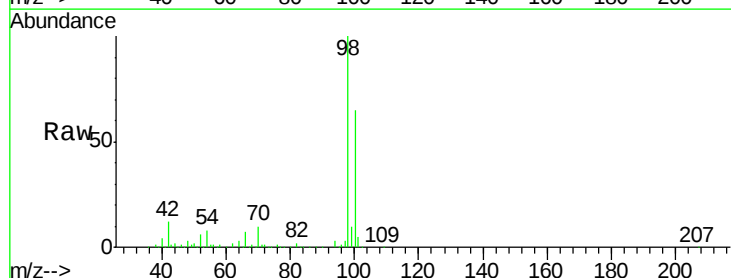
Acq: 17 Aug 2020 12:38

Tgt Ion: 98 Resp: 476572

Ion Ratio Lower Upper

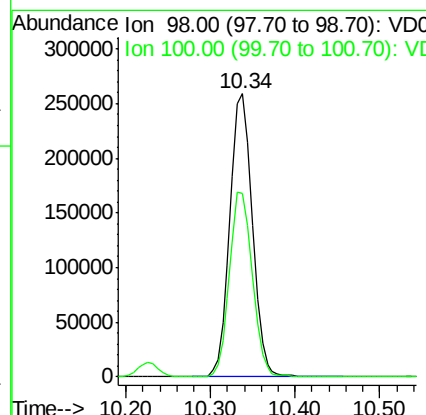
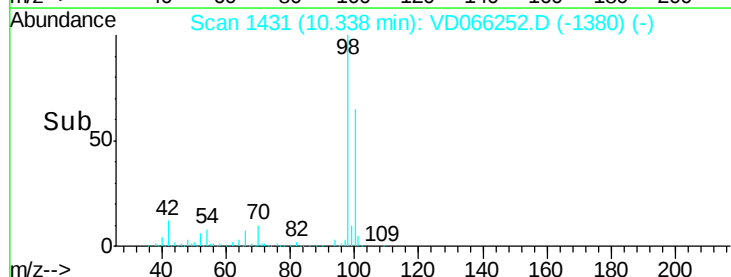
98 100

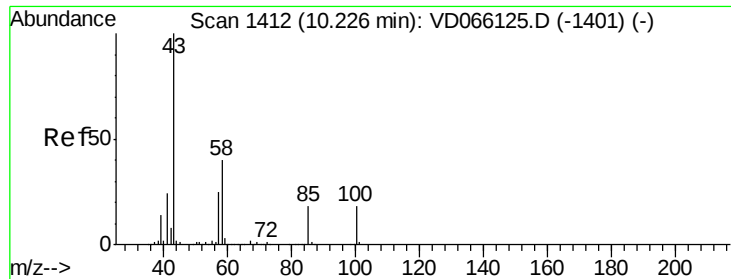
100 66.6 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

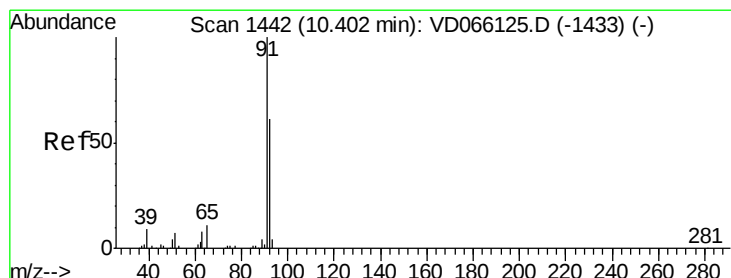
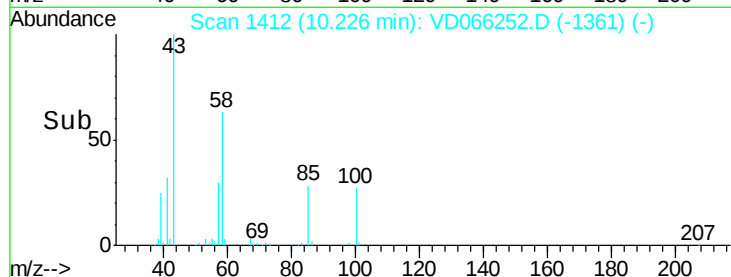
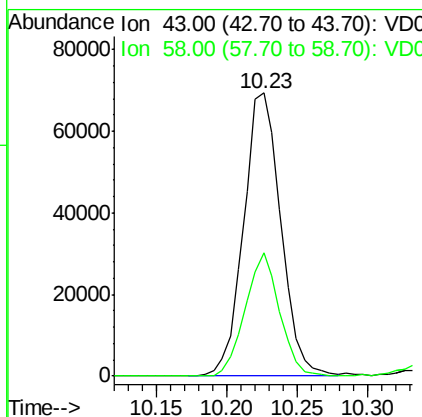
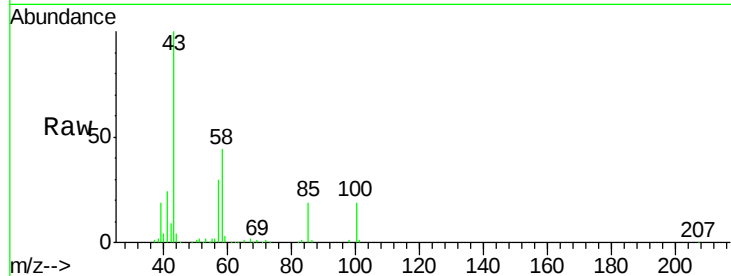




#51
 4-Methyl-2-Pentanone
 Concen: 84.155 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

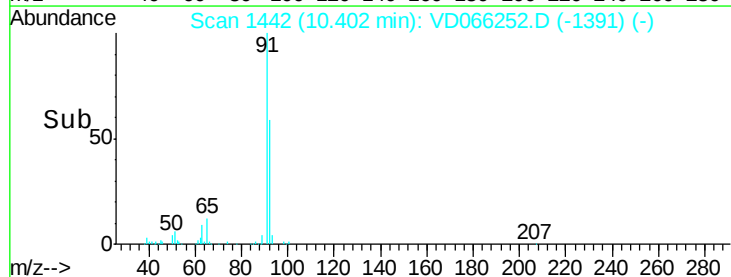
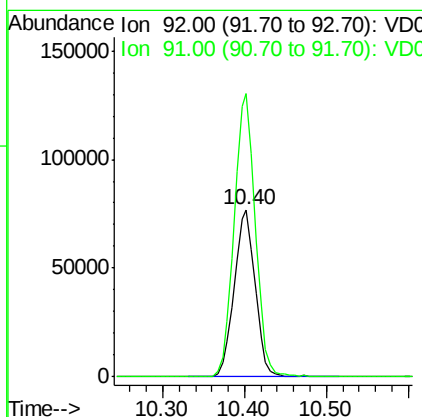
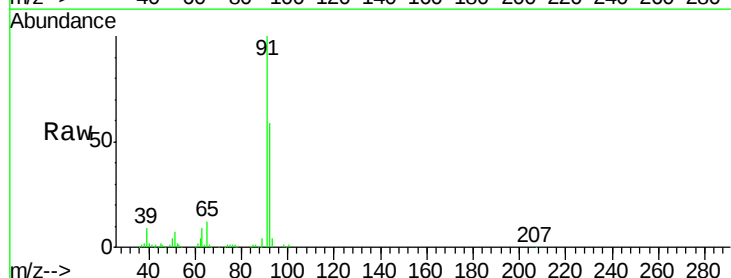
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBS01

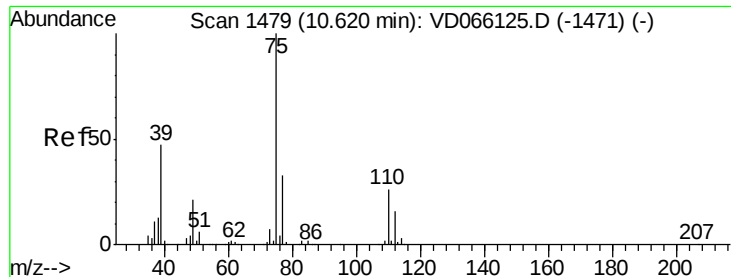
Tgt Ion: 43 Resp: 128603
 Ion Ratio Lower Upper
 43 100
 58 40.2 31.1 46.7



#52
 Toluene
 Concen: 19.767 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

Tgt Ion: 92 Resp: 137509
 Ion Ratio Lower Upper
 92 100
 91 170.9 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 18.554 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

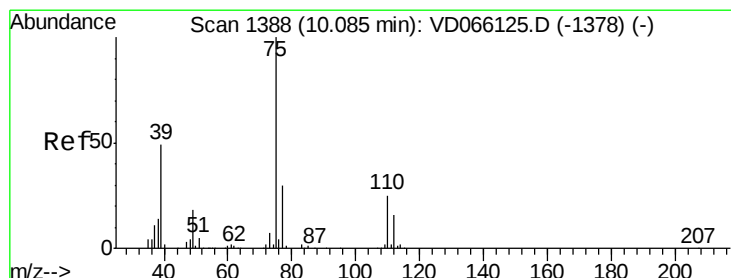
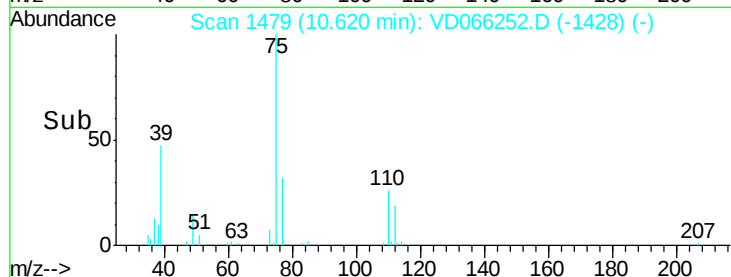
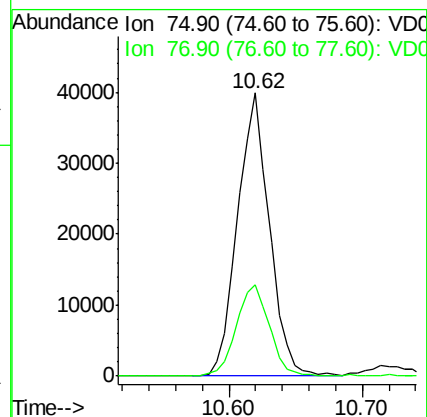
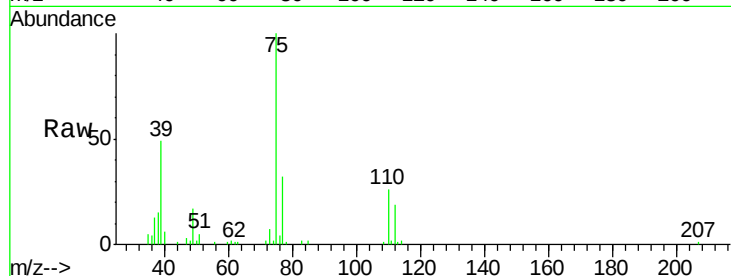
VD0817SBS01

Tgt Ion: 75 Resp: 66278

Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 19.151 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

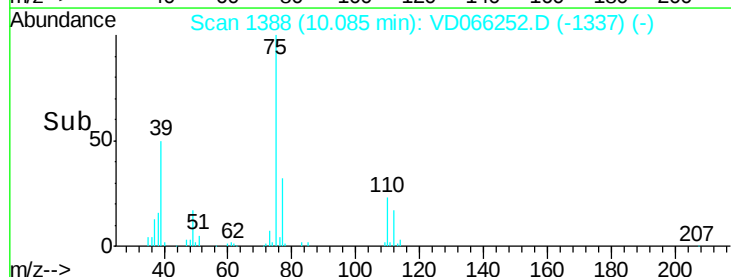
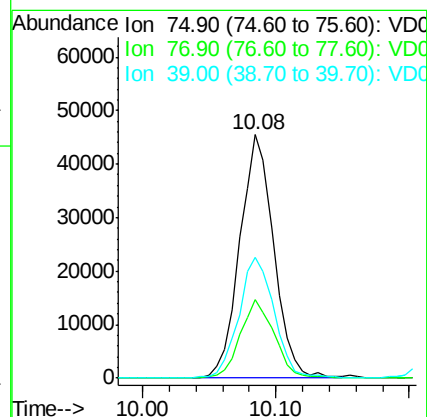
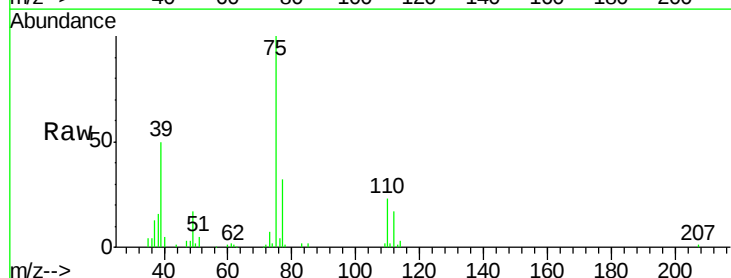
Tgt Ion: 75 Resp: 80152

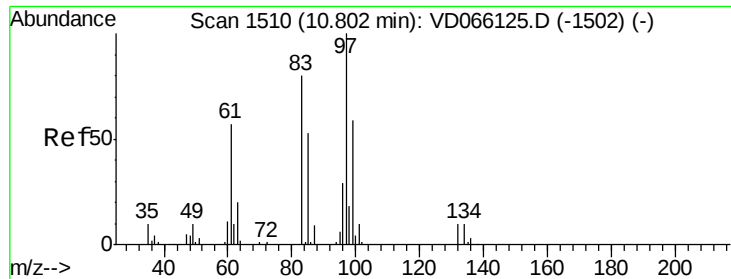
Ion Ratio Lower Upper

75 100

77 32.2 24.3 36.5

39 49.5 39.3 58.9





#55

1,1,2-Trichloroethane

Concen: 18.543 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

Tgt Ion: 97 Resp: 38029

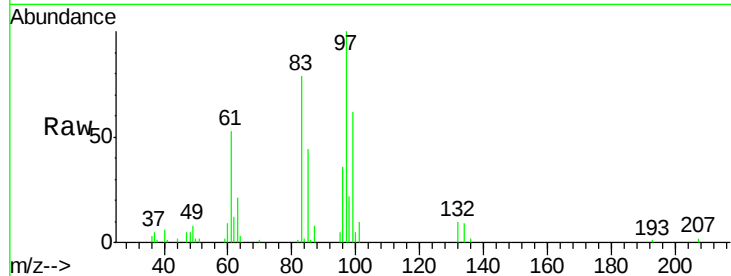
Ion Ratio Lower Upper

97 100

83 78.2 63.9 95.9

85 43.8 42.5 63.7

99 62.5 47.4 71.0

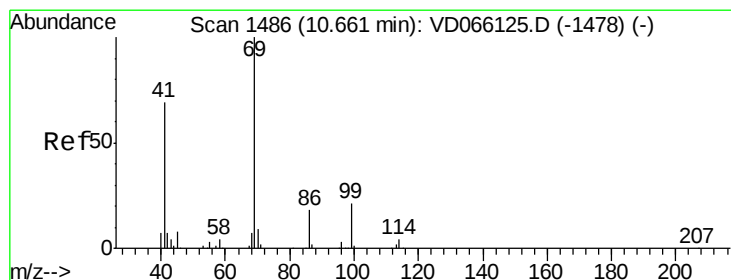
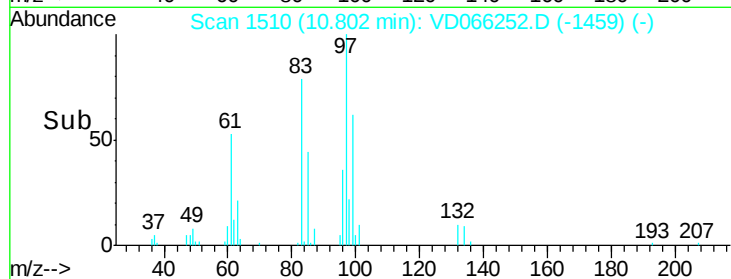
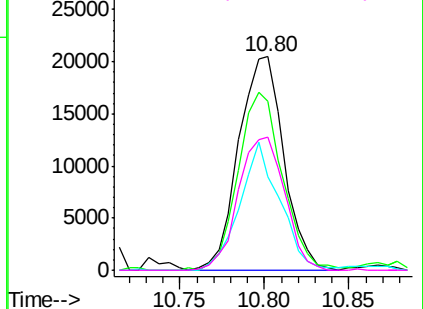


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 18.024 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

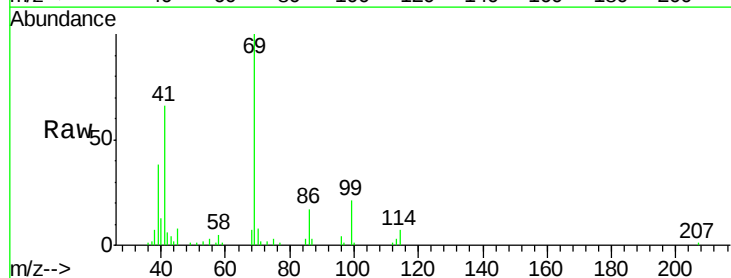
Tgt Ion: 69 Resp: 44405

Ion Ratio Lower Upper

69 100

41 66.3 54.1 81.1

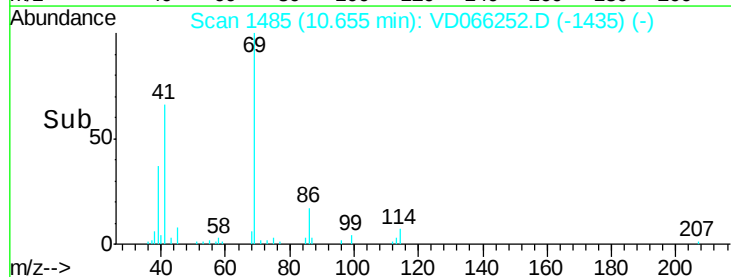
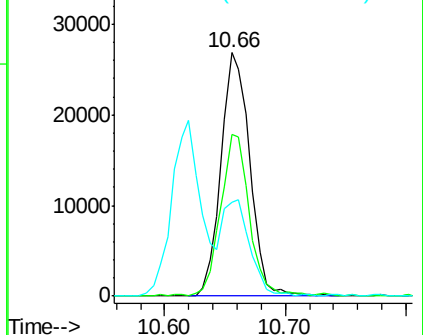
39 36.8 28.6 43.0

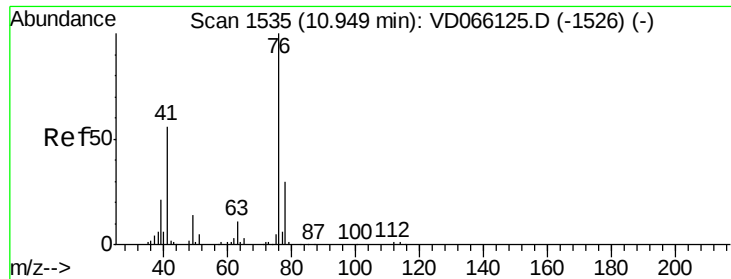


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

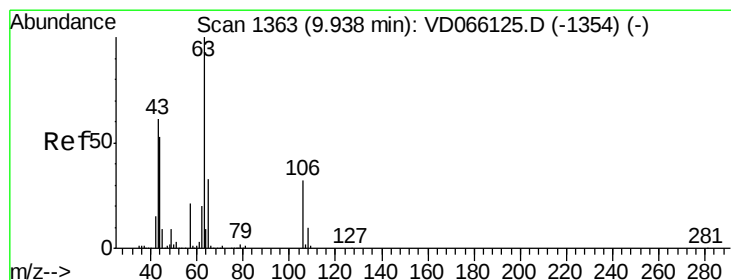
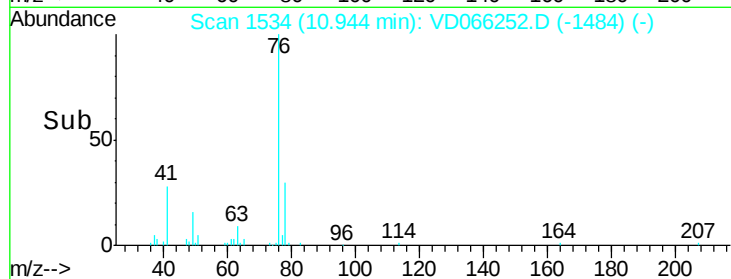
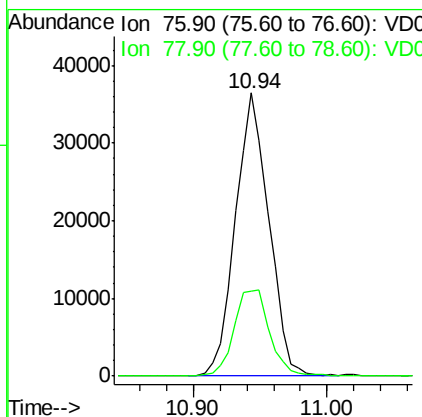
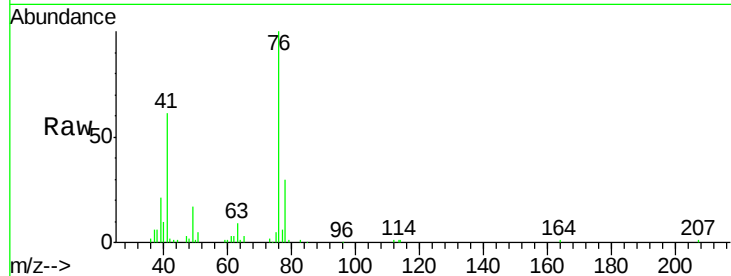




#57
 1,3-Dichloropropane
 Concen: 18.580 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

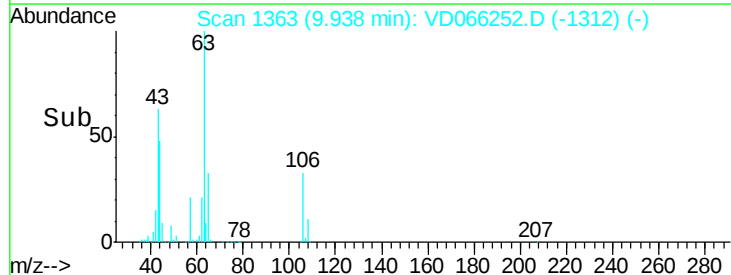
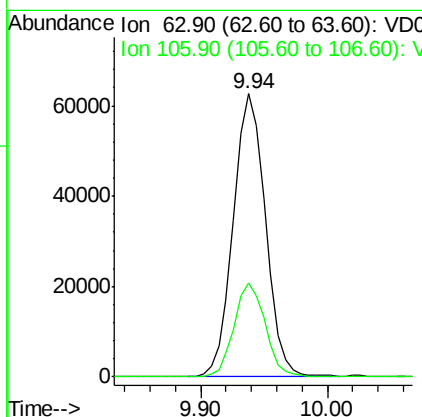
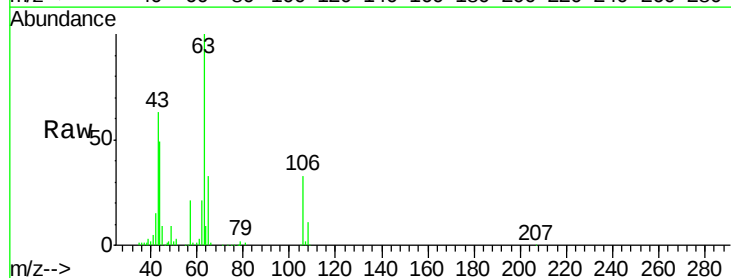
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBS01

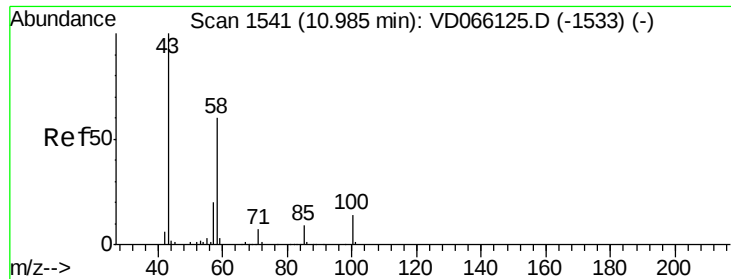
Tgt Ion: 76 Resp: 63258
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.529 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

Tgt Ion: 63 Resp: 110295
 Ion Ratio Lower Upper
 63 100
 106 32.1 25.3 37.9

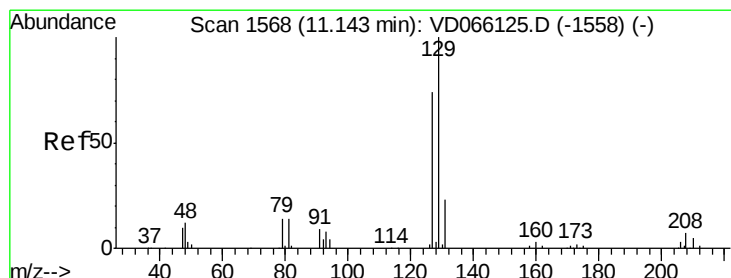
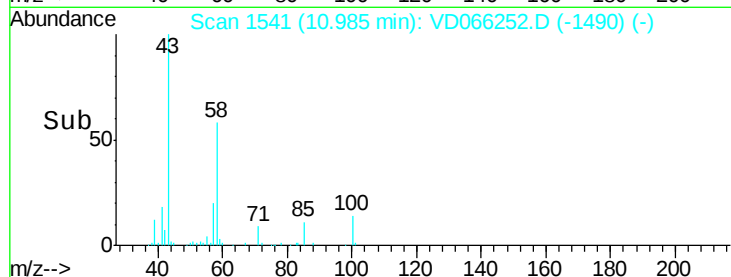
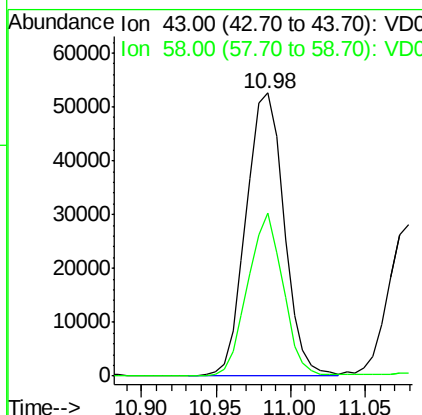
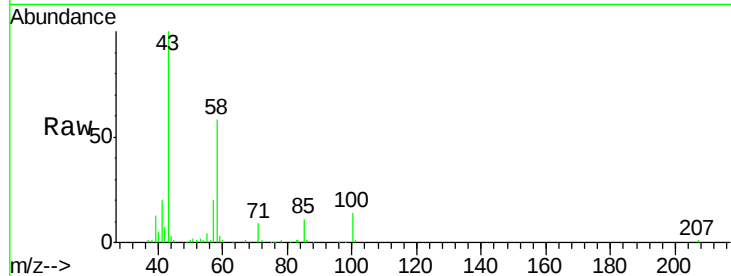




#59
2-Hexanone
Concen: 86.646 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066252.D
Acq: 17 Aug 2020 12:38

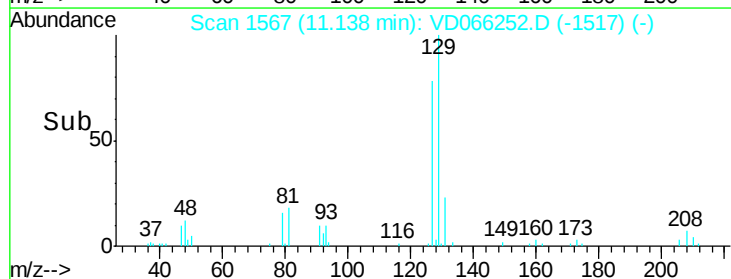
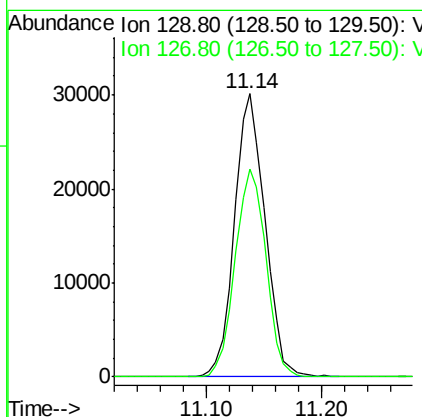
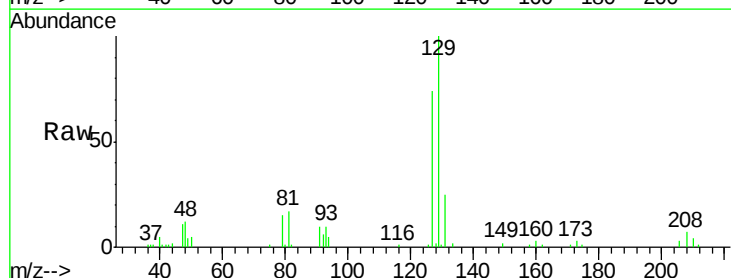
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

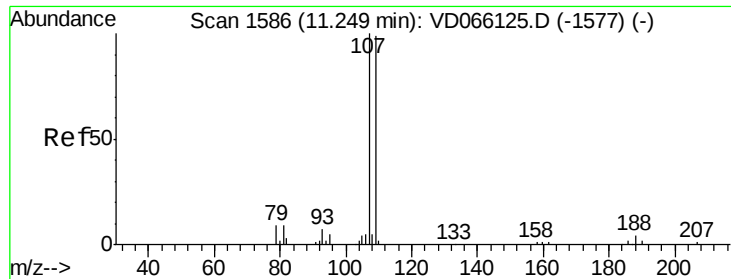
Tgt Ion: 43 Resp: 92927
Ion Ratio Lower Upper
43 100
58 53.6 27.8 83.4



#60
Dibromochloromethane
Concen: 19.490 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066252.D
Acq: 17 Aug 2020 12:38

Tgt Ion: 129 Resp: 55183
Ion Ratio Lower Upper
129 100
127 74.0 38.0 114.1

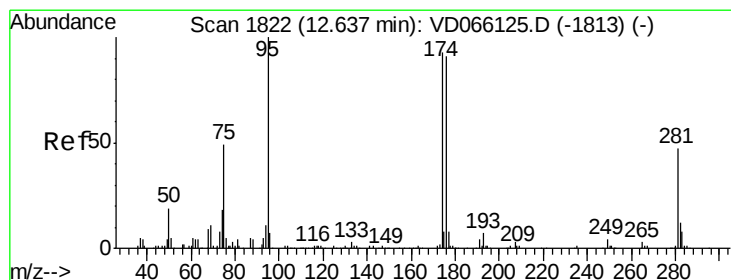
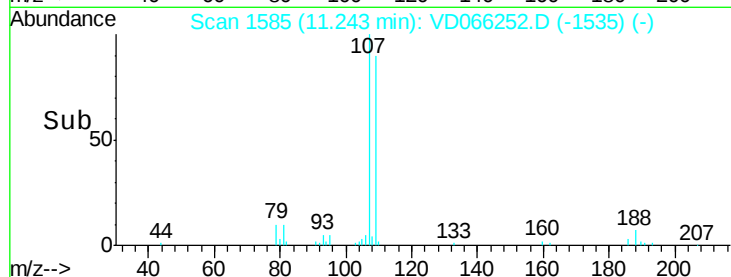
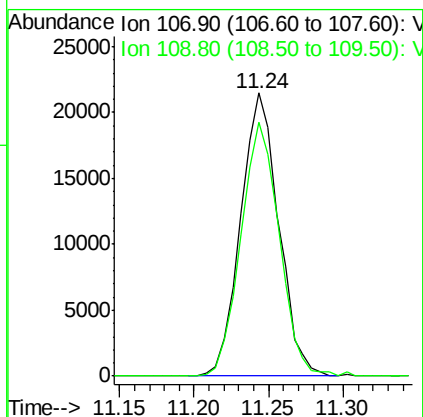
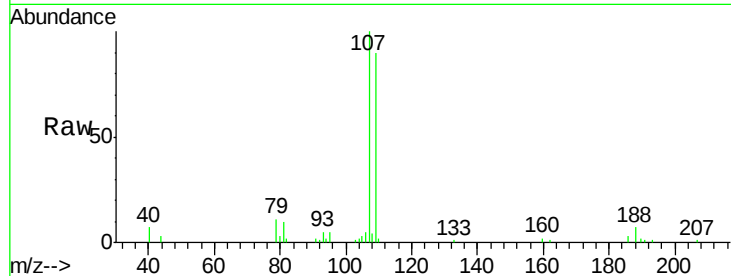




#61
 1,2-Dibromoethane
 Concen: 19.172 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

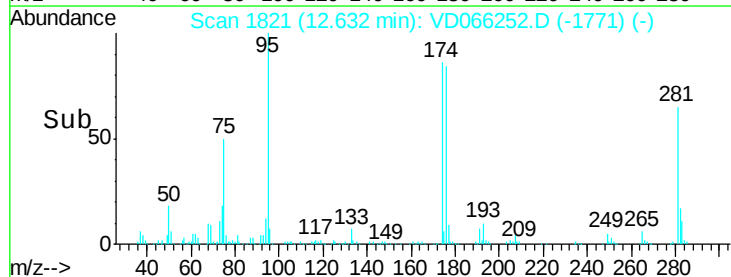
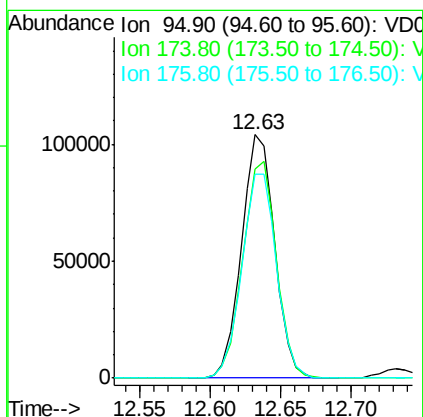
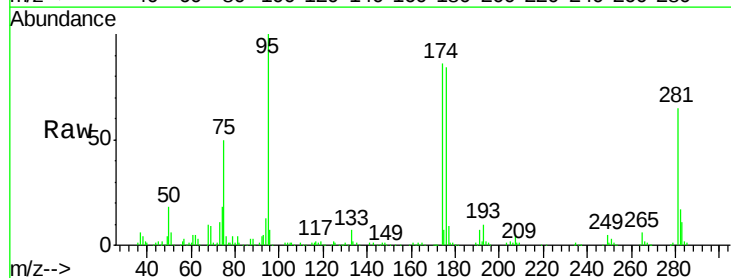
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBS01

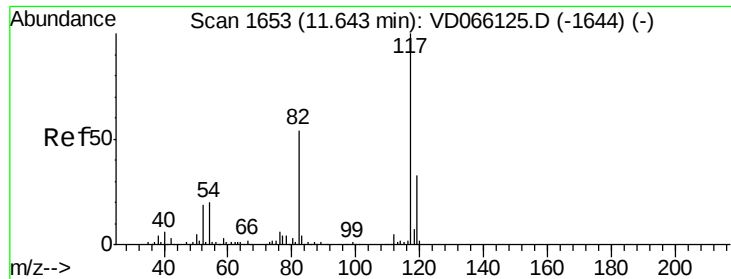
Tgt Ion: 107 Resp: 37812
 Ion Ratio Lower Upper
 107 100
 109 90.9 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 50.229 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

Tgt Ion: 95 Resp: 171655
 Ion Ratio Lower Upper
 95 100
 174 90.2 0.0 180.8
 176 87.5 0.0 181.2

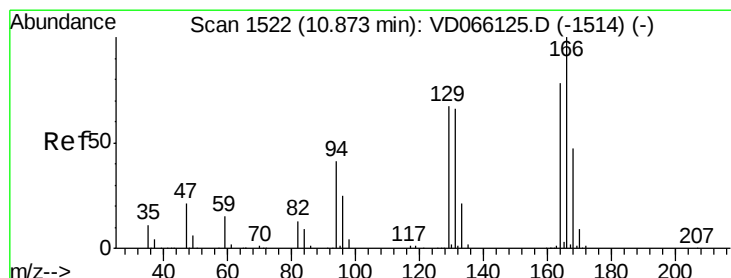
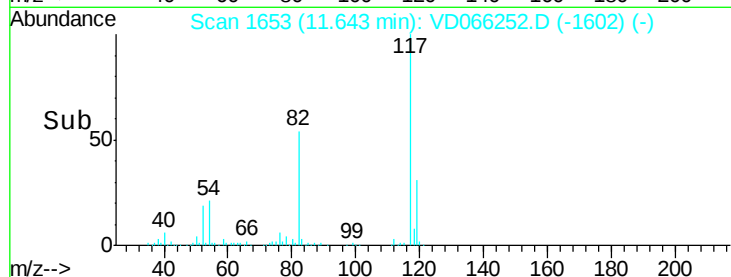
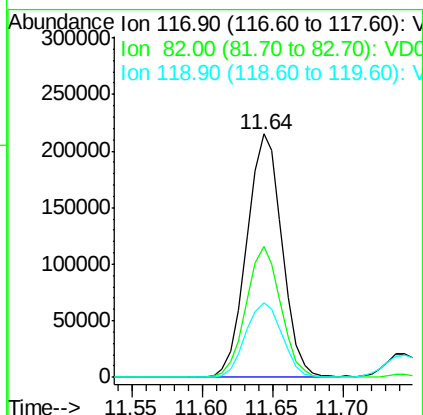
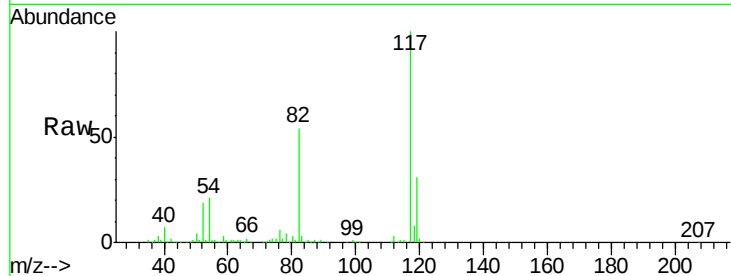




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066252.D
Acq: 17 Aug 2020 12:38

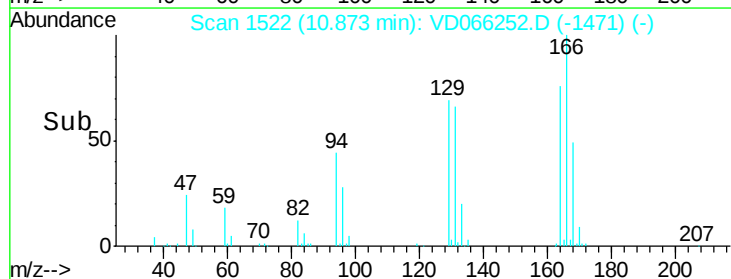
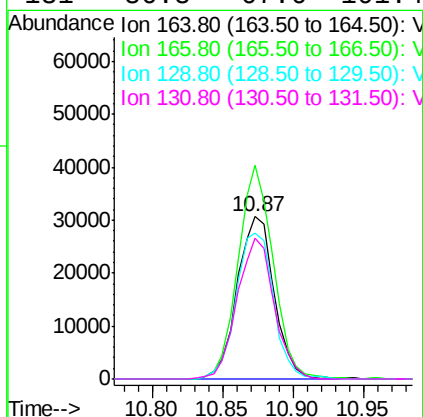
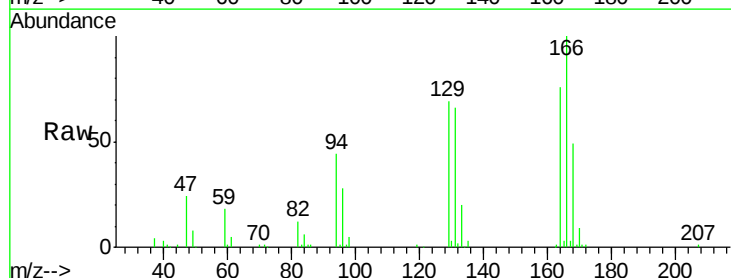
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

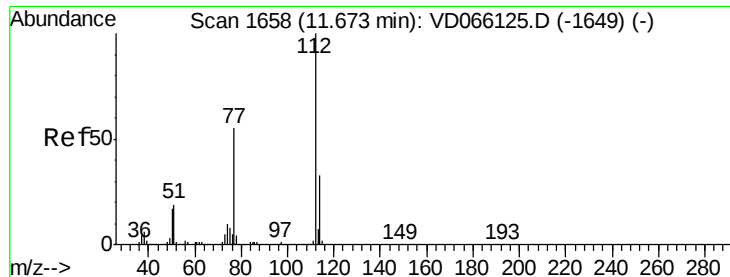
Tgt Ion:117 Resp: 378148
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 30.7 26.1 39.1



#64
Tetrachloroethene
Concen: 19.312 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066252.D
Acq: 17 Aug 2020 12:38

Tgt Ion:164 Resp: 56078
Ion Ratio Lower Upper
164 100
166 131.7 101.9 152.9
129 90.2 68.1 102.1
131 86.8 67.6 101.4





#65

Chlorobenzene

Concen: 19.521 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

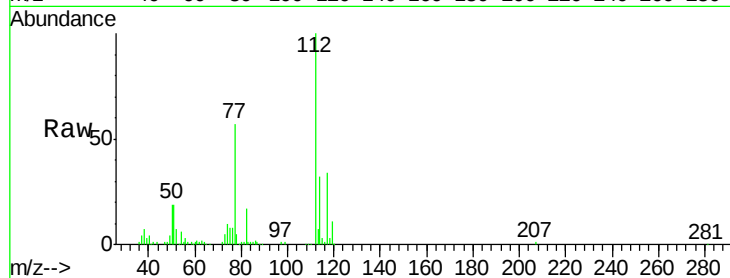
VD0817SBS01

Tgt Ion:112 Resp: 149854

Ion Ratio Lower Upper

112 100

114 31.5 26.1 39.1

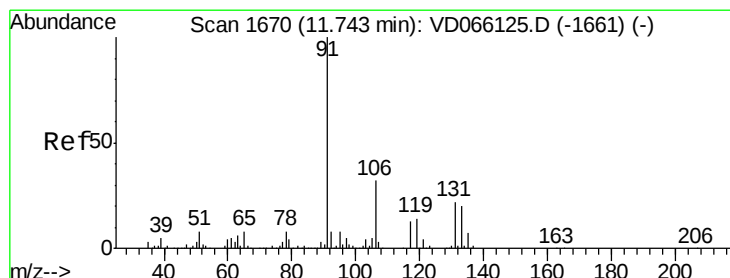
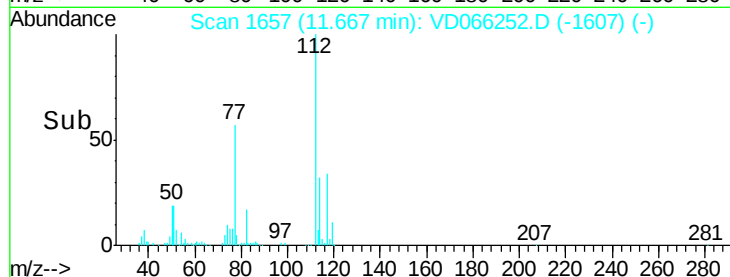


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.67

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.041 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

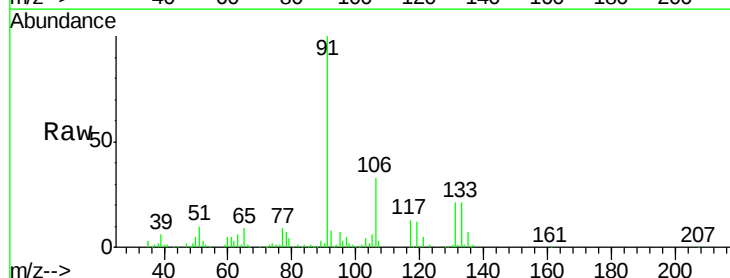
Tgt Ion:131 Resp: 60195

Ion Ratio Lower Upper

131 100

133 91.7 47.1 141.4

119 59.5 31.6 94.7



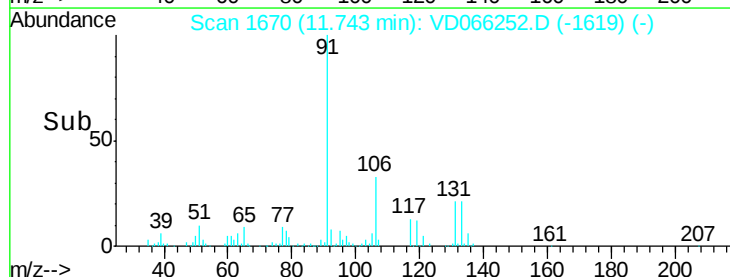
Abundance Ion 130.80 (130.50 to 131.50): V

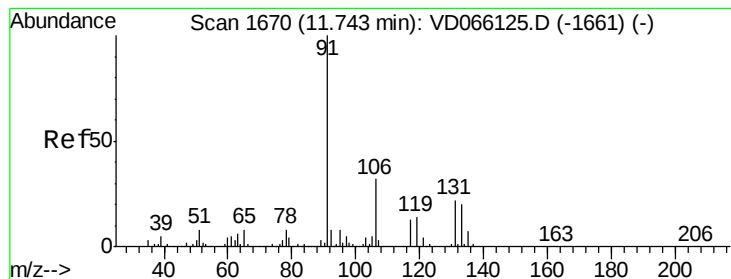
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.74

Time-->





#67

Ethyl Benzene

Concen: 19.802 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

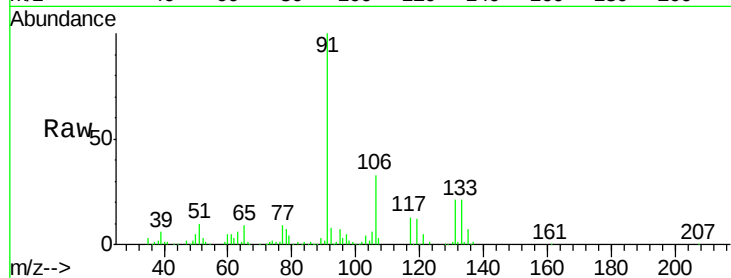
VD0817SBS01

Tgt Ion: 91 Resp: 263419

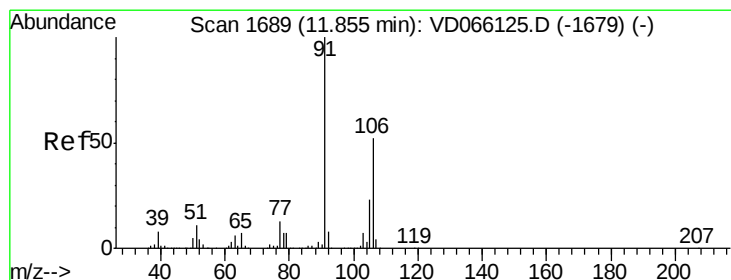
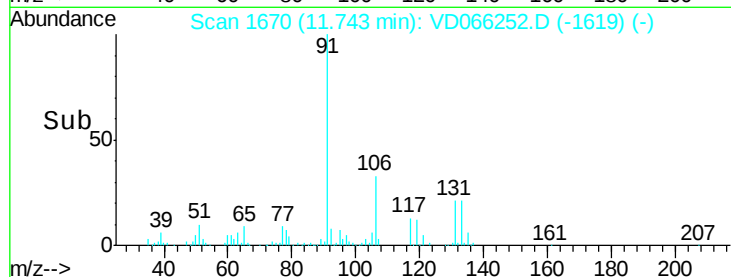
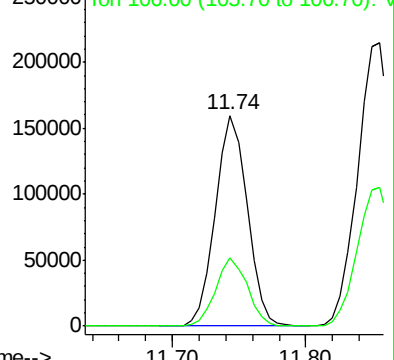
Ion Ratio Lower Upper

91 100

106 32.5 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VD066252.D (-1619) (-)



#68

m/p-Xylenes

Concen: 39.669 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD066252.D

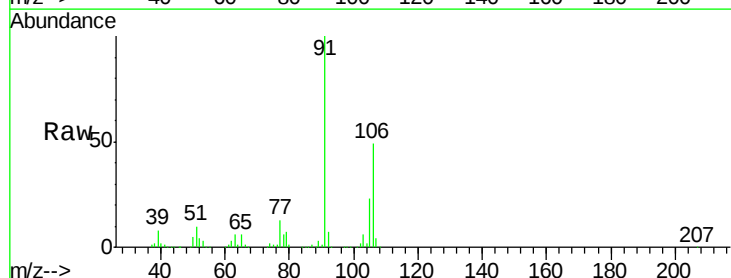
Acq: 17 Aug 2020 12:38

Tgt Ion: 106 Resp: 204457

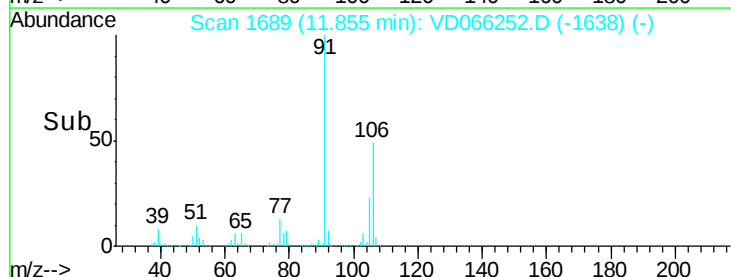
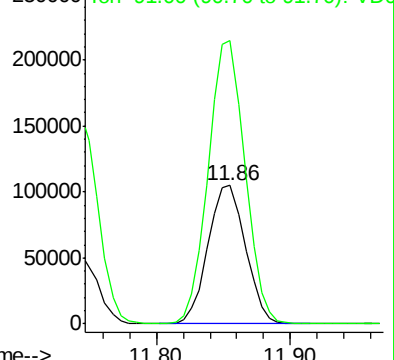
Ion Ratio Lower Upper

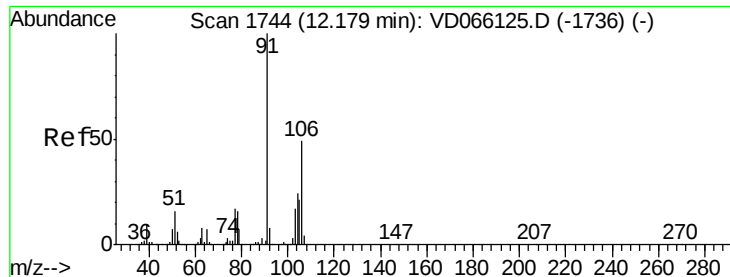
106 100

91 200.3 156.6 235.0



Abundance Ion 106.00 (105.70 to 106.70): VD066252.D (-1638) (-)

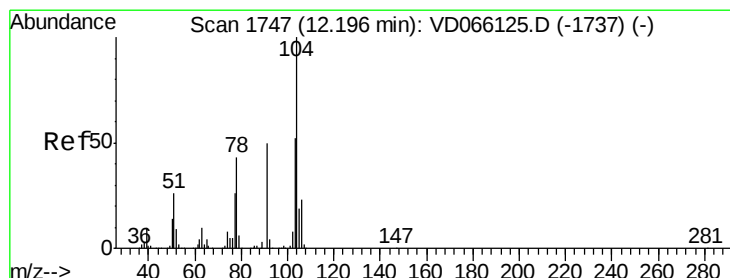
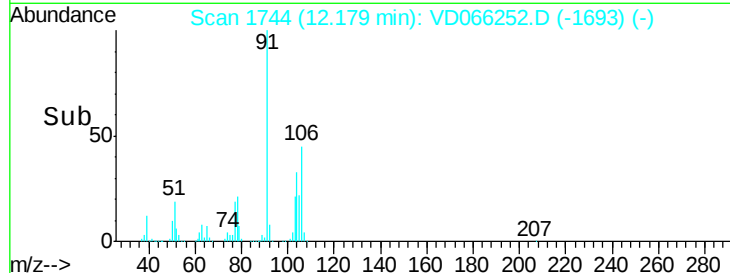
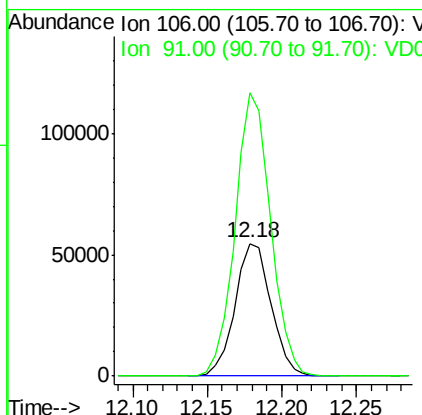
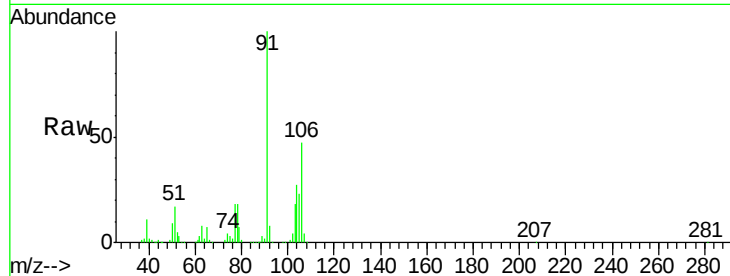




#69
o-Xylene
Concen: 19.584 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066252.D
Acq: 17 Aug 2020 12:38

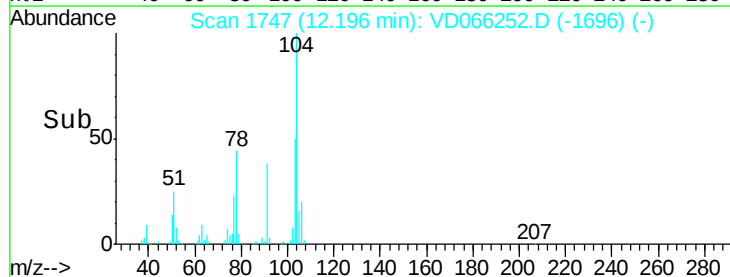
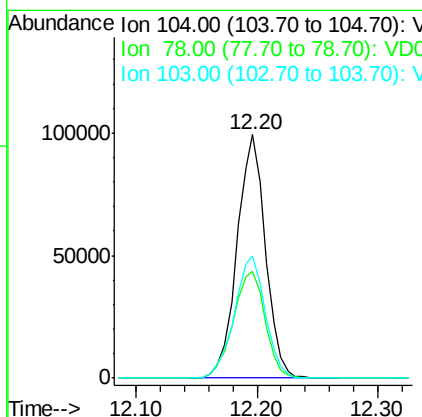
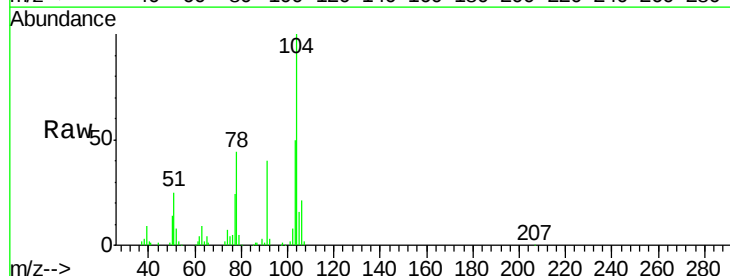
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

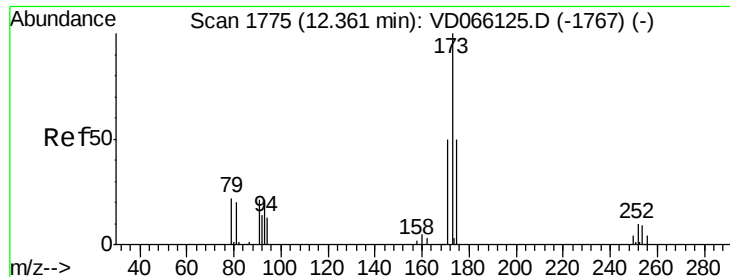
Tgt Ion:106 Resp: 91817
Ion Ratio Lower Upper
106 100
91 209.9 105.7 317.1



#70
Styrene
Concen: 19.801 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066252.D
Acq: 17 Aug 2020 12:38

Tgt Ion:104 Resp: 162701
Ion Ratio Lower Upper
104 100
78 49.3 38.6 58.0
103 54.7 44.1 66.1





#71

Bromoform

Concen: 18.846 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

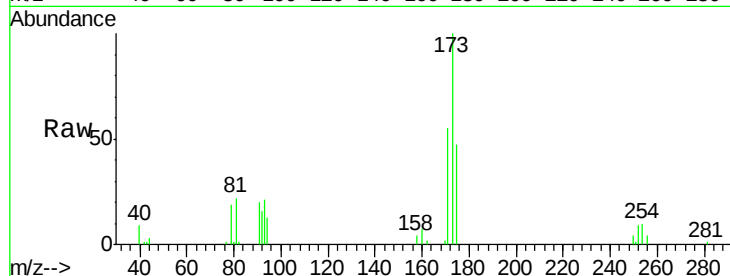
Tgt Ion:173 Resp: 33537

Ion Ratio Lower Upper

173 100

175 46.5 24.6 73.6

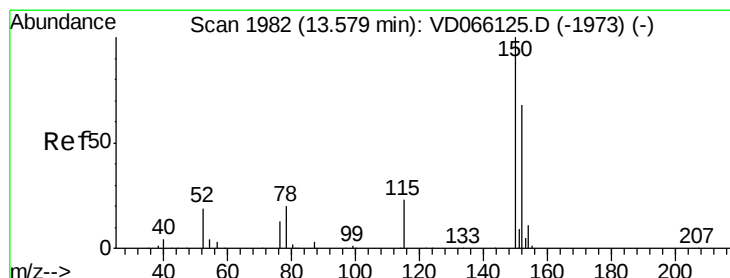
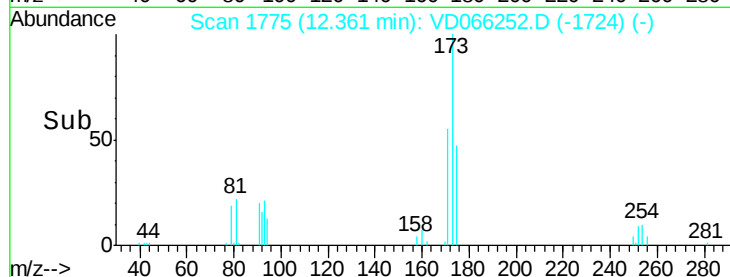
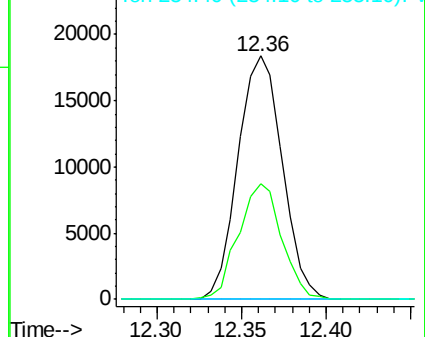
254 0.0 0.2 0.2#



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: VD066252.D

Acq: 17 Aug 2020 12:38

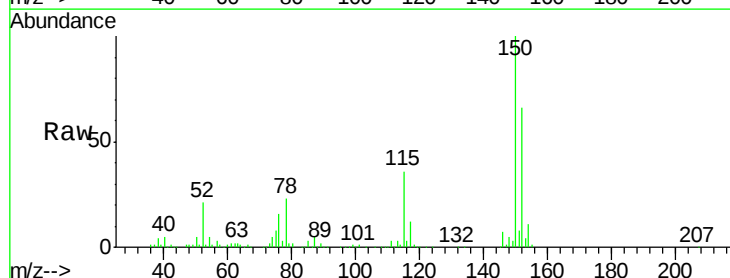
Tgt Ion:152 Resp: 196862

Ion Ratio Lower Upper

152 100

115 56.0 28.0 83.9

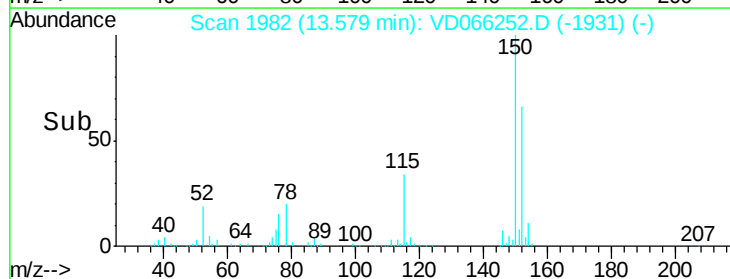
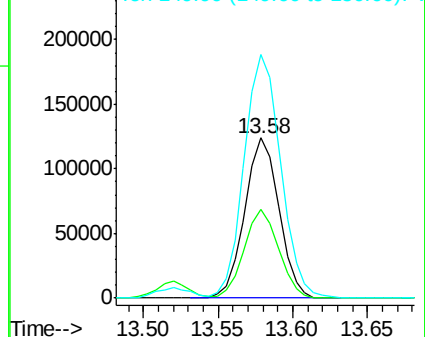
150 163.0 0.0 346.4

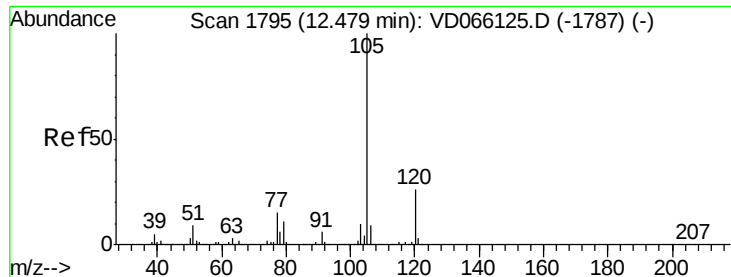


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.591 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

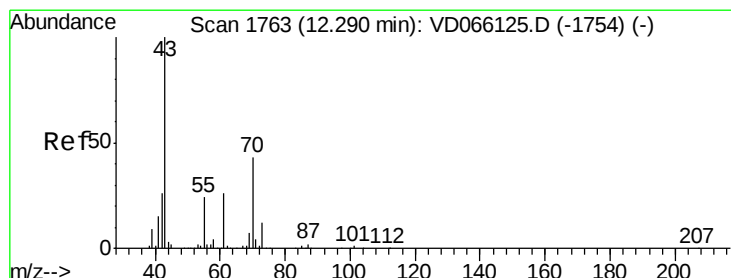
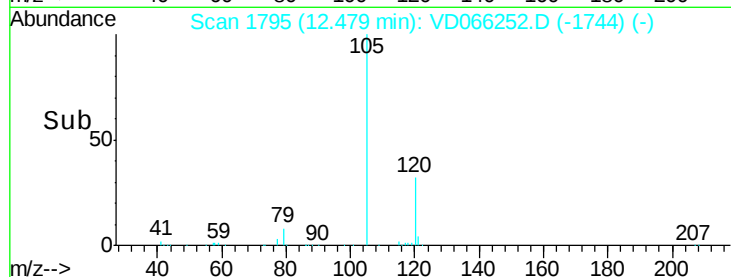
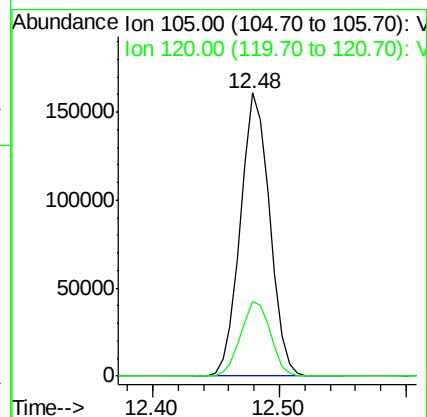
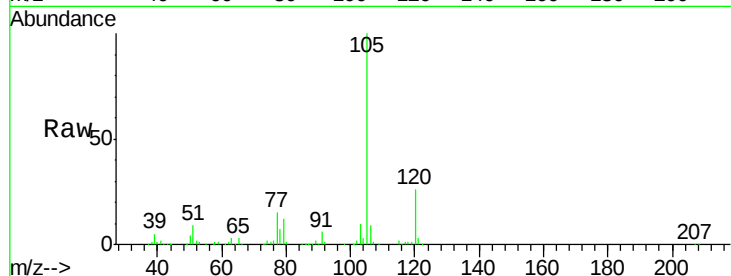
VD0817SBS01

Tgt Ion:105 Resp: 257447

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 17.195 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Tgt Ion: 43 Resp: 49759

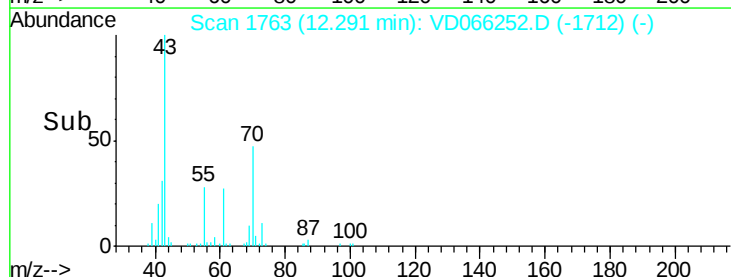
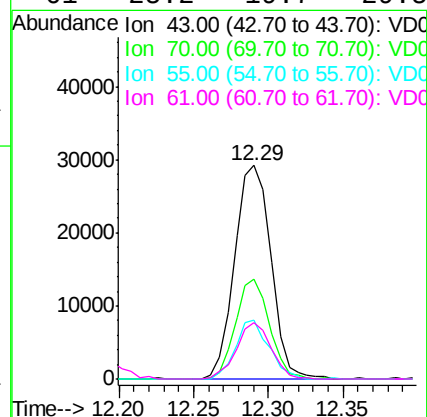
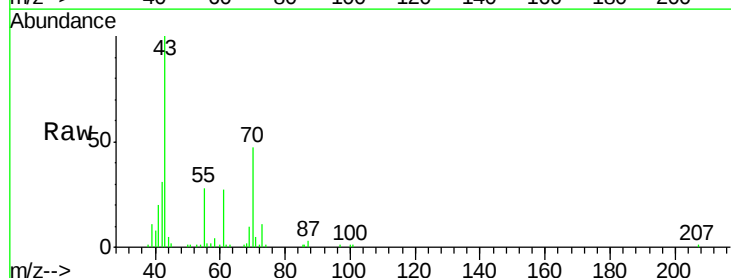
Ion Ratio Lower Upper

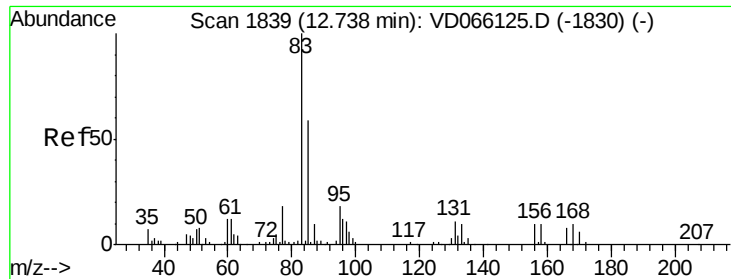
43 100

70 43.7 34.9 52.3

55 25.5 19.2 28.8

61 25.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 17.160 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

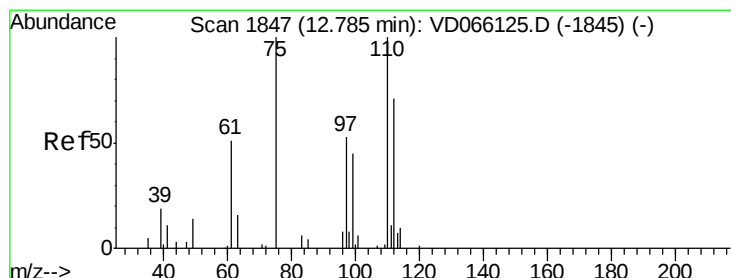
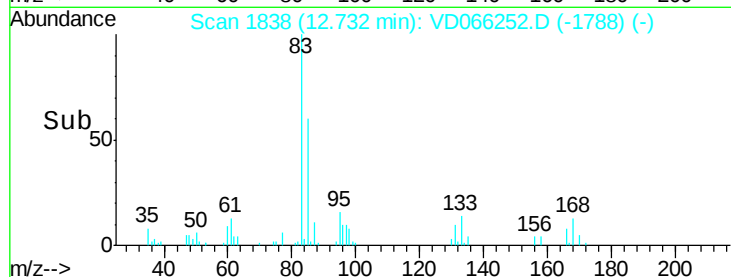
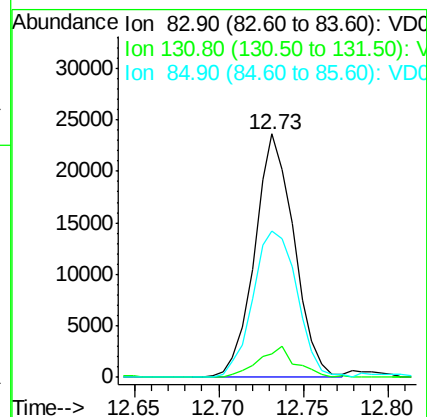
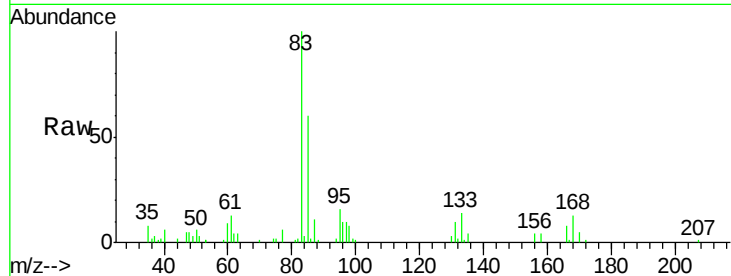
Tgt Ion: 83 Resp: 38452

Ion Ratio Lower Upper

83 100

131 12.2 6.2 18.6

85 67.3 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 32.742 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066252.D

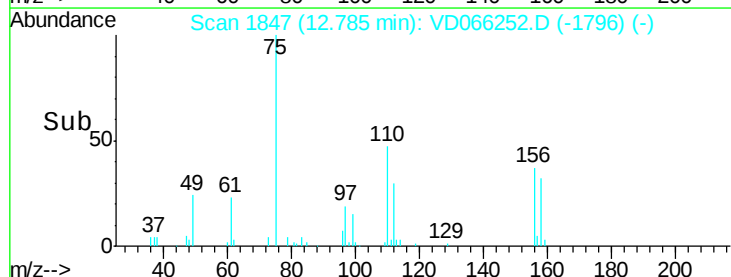
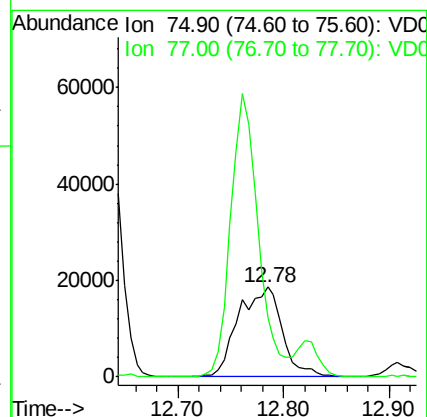
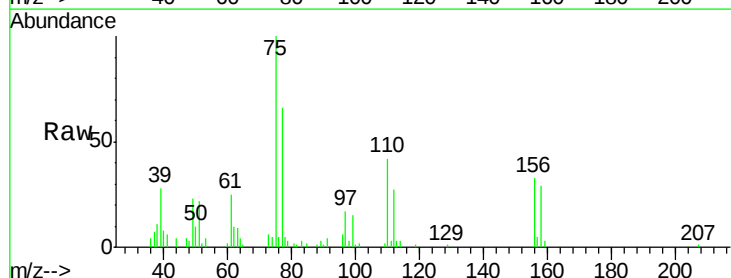
Acq: 17 Aug 2020 12:38

Tgt Ion: 75 Resp: 53752

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.558 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

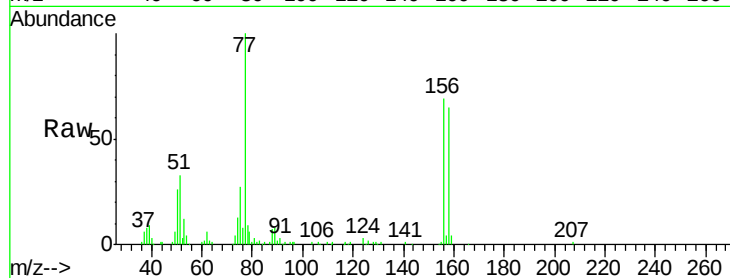
Tgt Ion:156 Resp: 66159

Ion Ratio Lower Upper

156 100

77 160.3 81.0 243.1

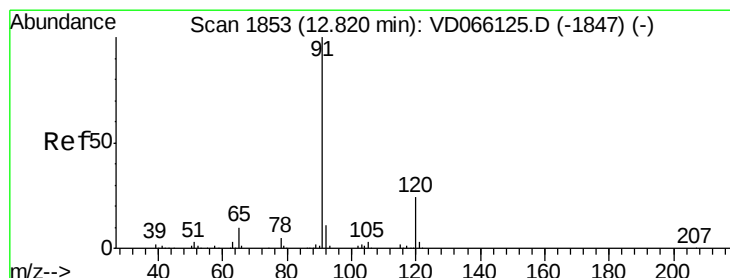
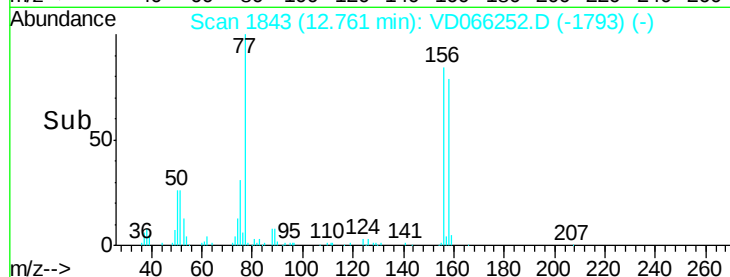
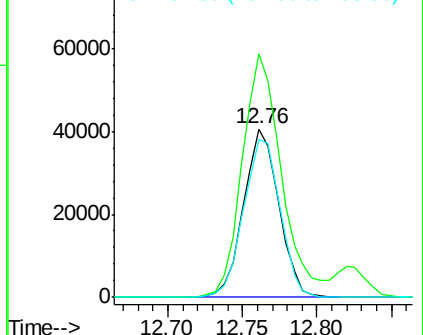
158 97.2 48.8 146.3



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: 19.773 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066252.D

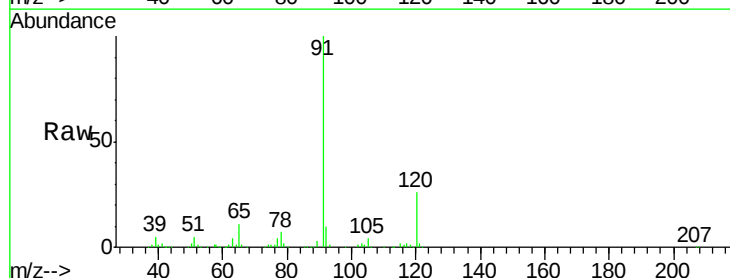
Acq: 17 Aug 2020 12:38

Tgt Ion: 91 Resp: 302045

Ion Ratio Lower Upper

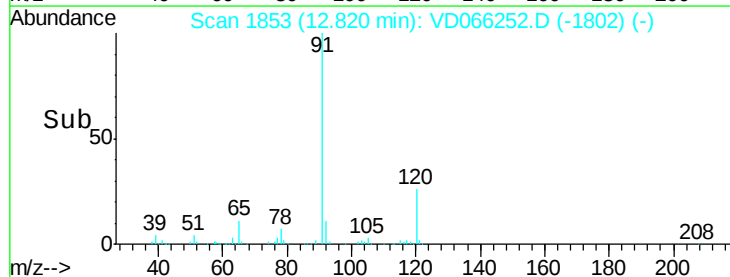
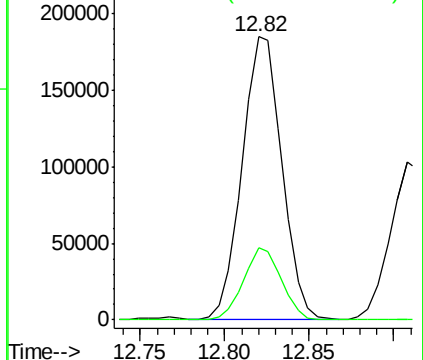
91 100

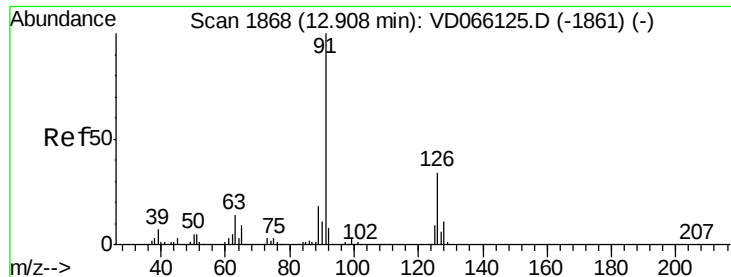
120 24.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.708 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

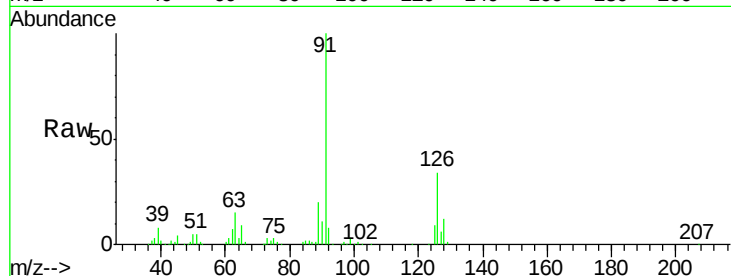
VD0817SBS01

Tgt Ion: 91 Resp: 172184

Ion Ratio Lower Upper

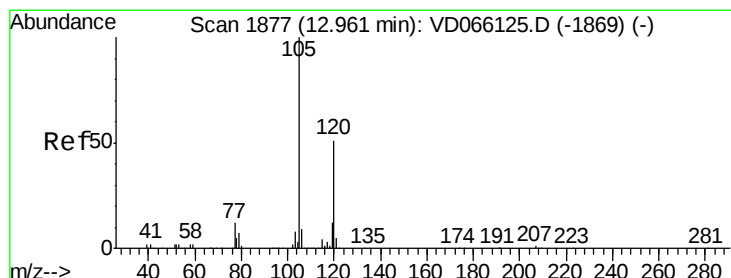
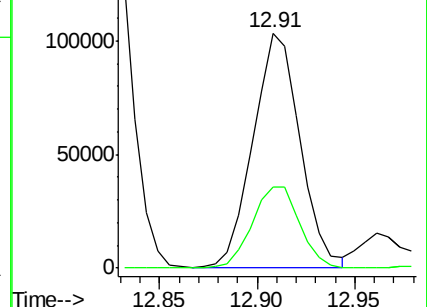
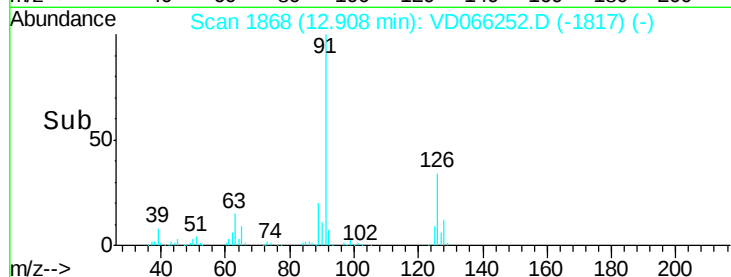
91 100

126 35.2 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VD066252.D (-1817) (-)

Ion 125.90 (125.60 to 126.60): VD066252.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.208 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066252.D

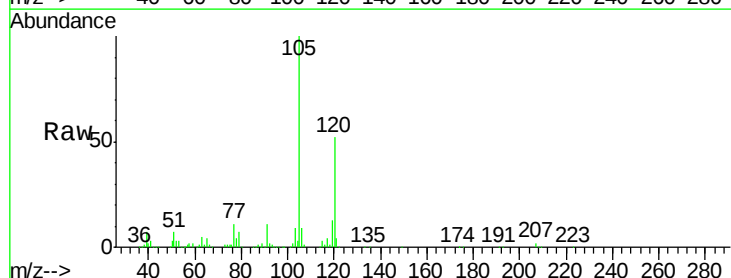
Acq: 17 Aug 2020 12:38

Tgt Ion: 105 Resp: 222080

Ion Ratio Lower Upper

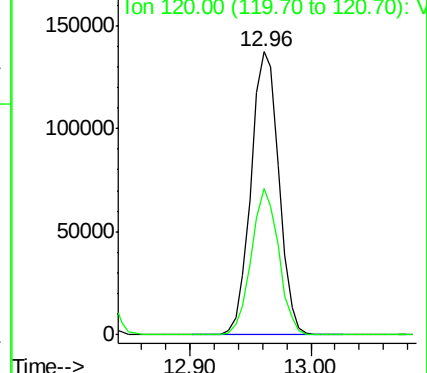
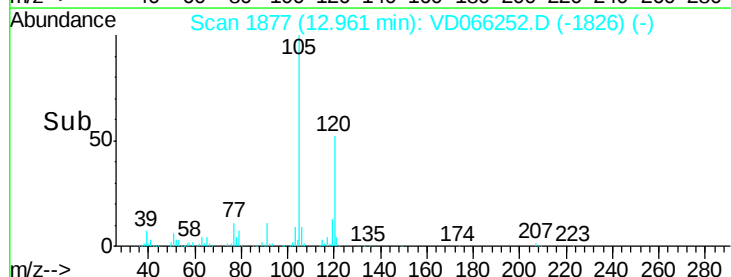
105 100

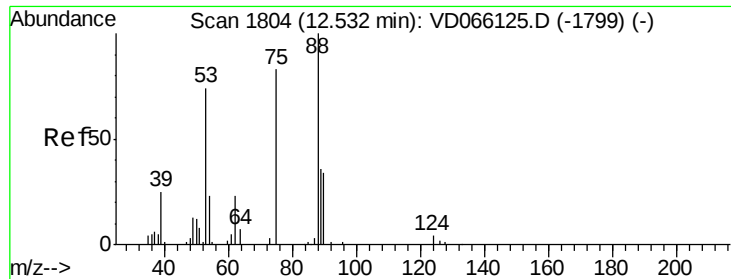
120 50.6 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VD066252.D (-1826) (-)

Ion 120.00 (119.70 to 120.70): VD066252.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.227 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

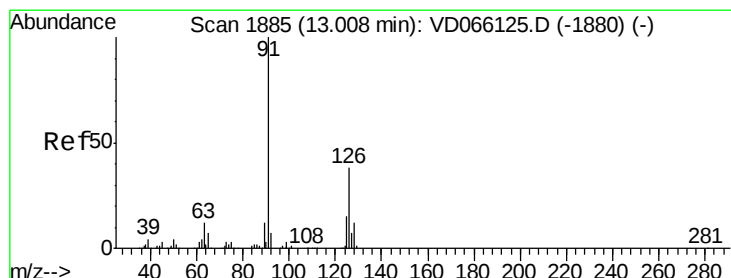
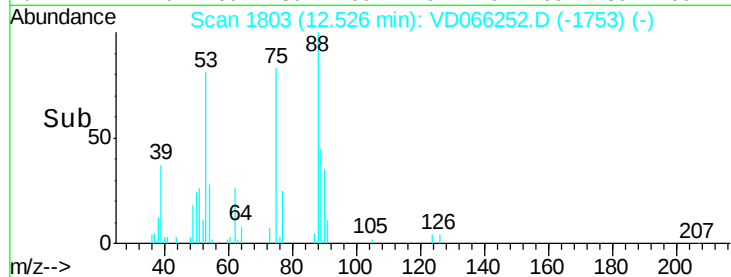
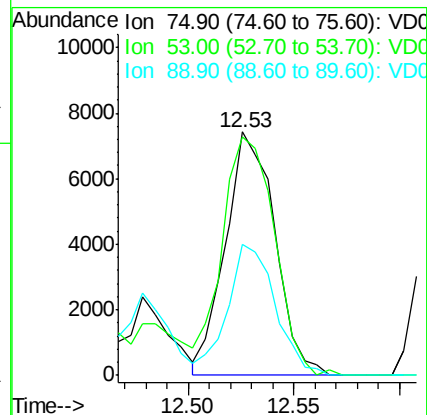
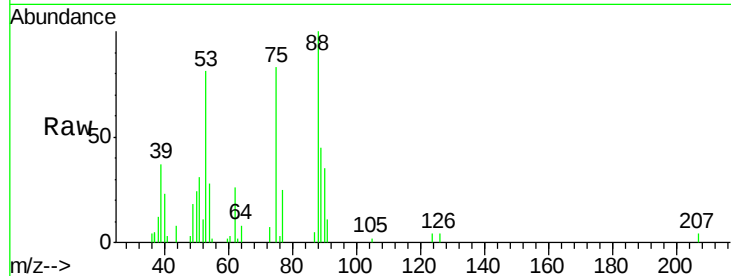
Tgt Ion: 75 Resp: 12051

Ion Ratio Lower Upper

75 100

53 103.8 73.4 110.2

89 51.9 36.6 55.0



#82

4-Chlorotoluene

Concen: 19.842 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066252.D

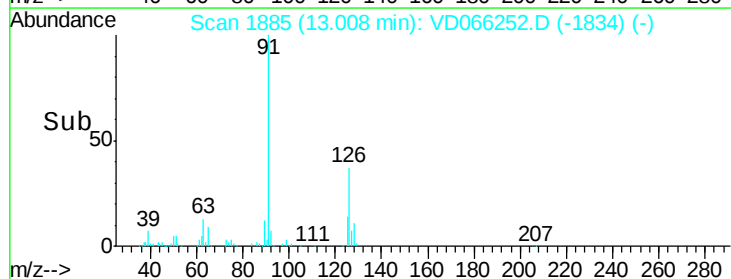
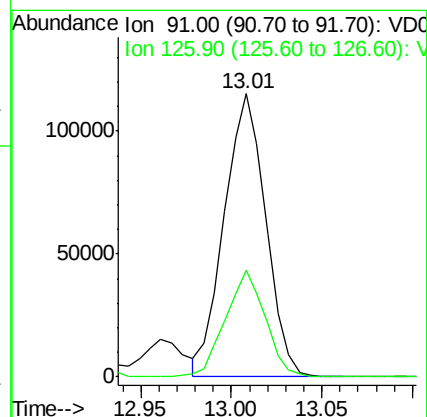
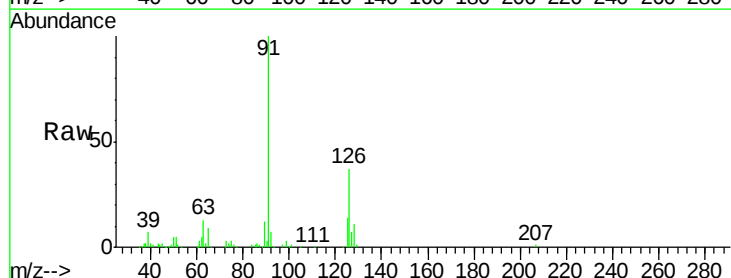
Acq: 17 Aug 2020 12:38

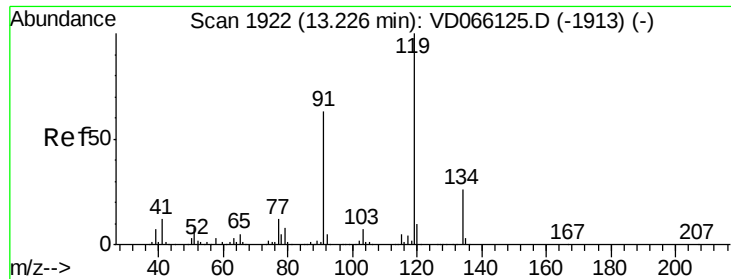
Tgt Ion: 91 Resp: 182999

Ion Ratio Lower Upper

91 100

126 36.1 17.8 53.3

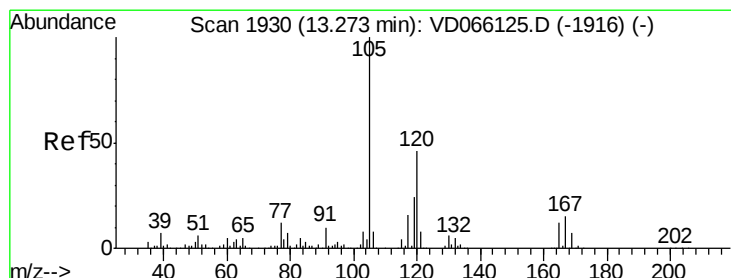
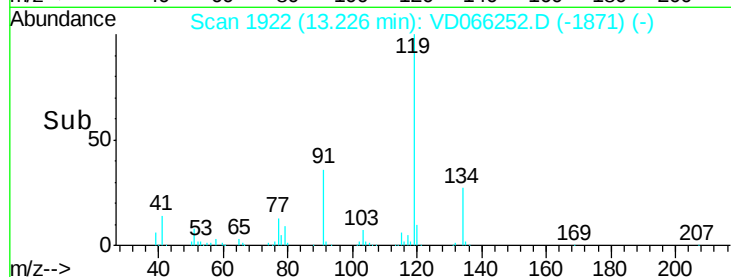
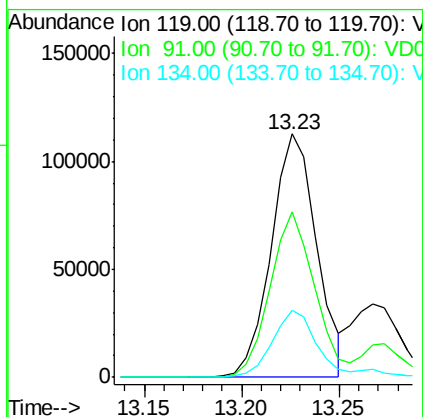
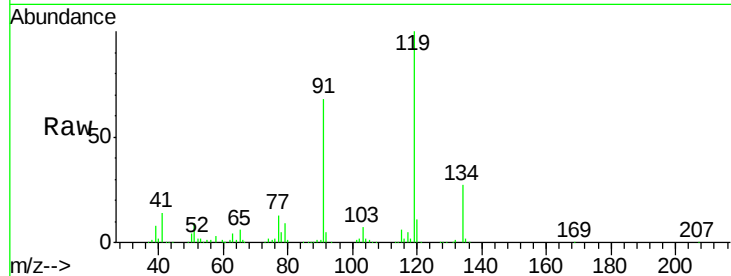




#83
tert-Butylbenzene
Concen: 18.841 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066252.D
Acq: 17 Aug 2020 12:38

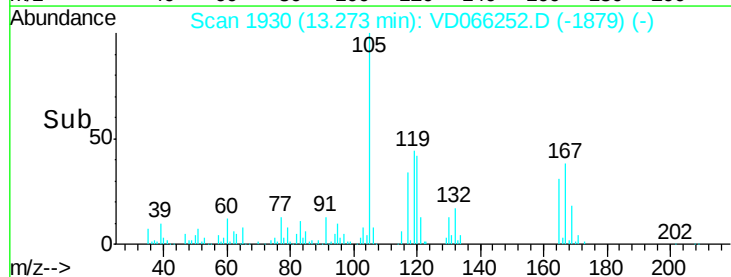
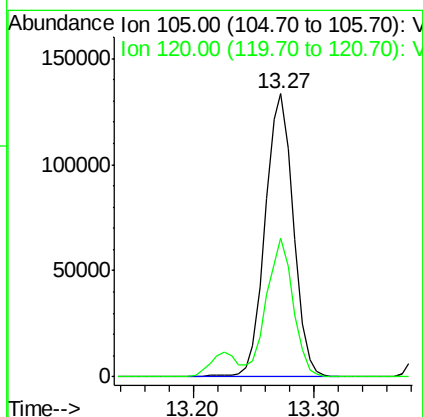
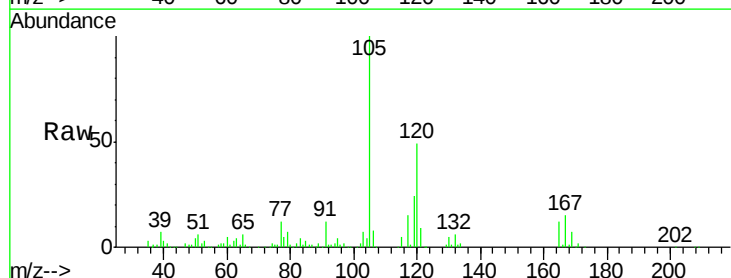
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

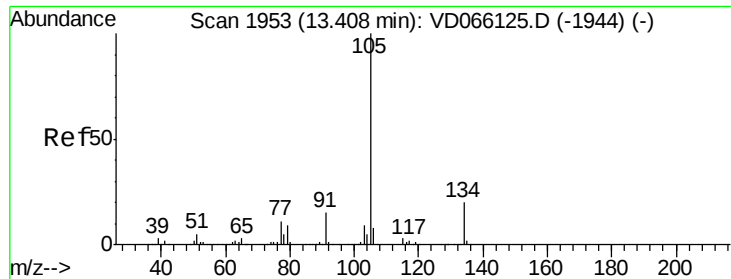
Tgt Ion:119 Resp: 182101
Ion Ratio Lower Upper
119 100
91 66.9 30.8 92.4
134 26.5 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 19.719 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066252.D
Acq: 17 Aug 2020 12:38

Tgt Ion:105 Resp: 216881
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.2

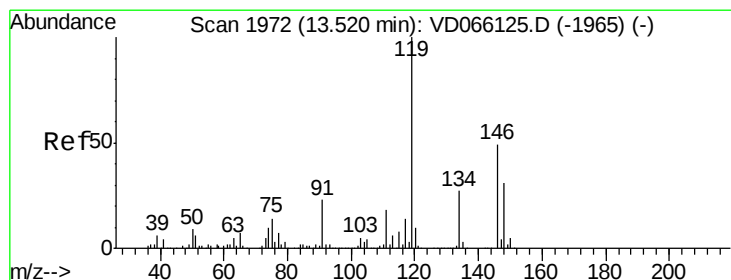
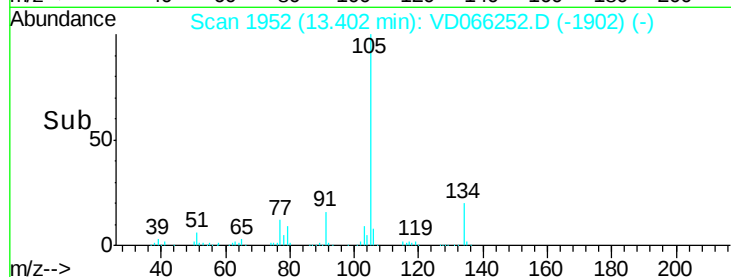
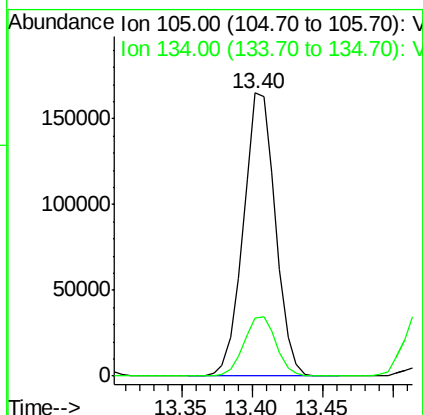
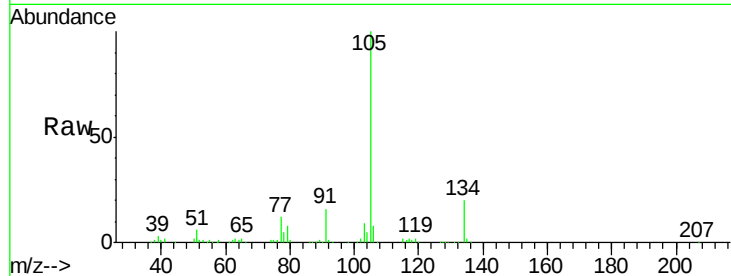




#85
 sec-Butylbenzene
 Concen: 20.099 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

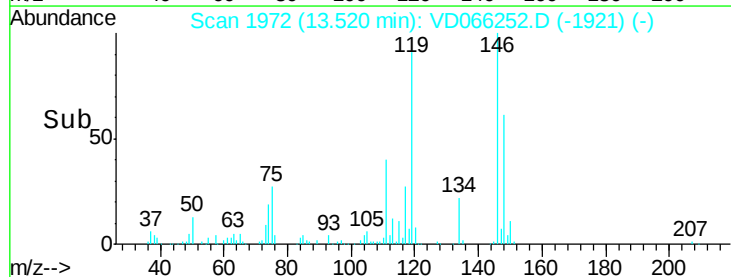
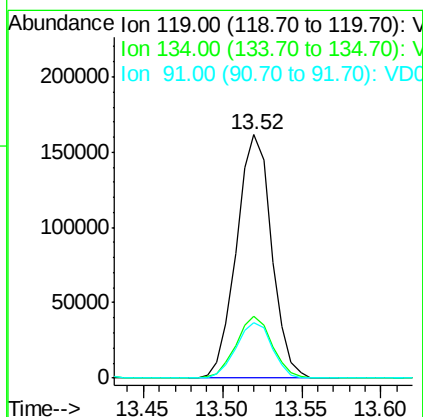
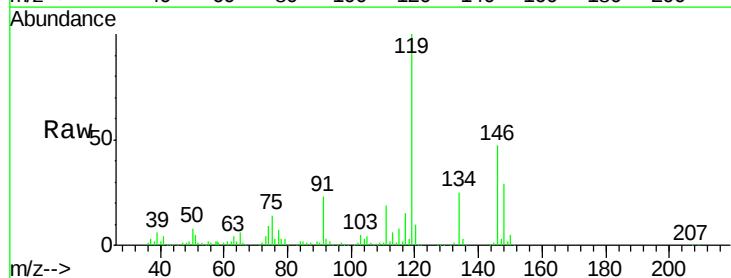
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBS01

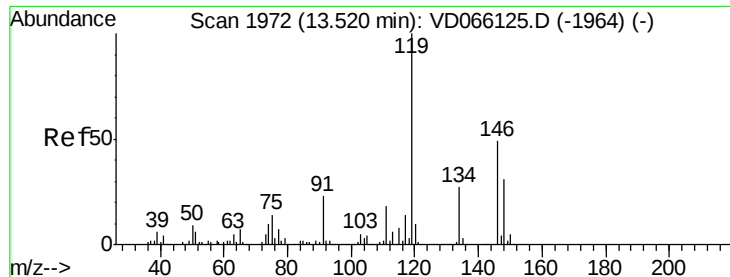
Tgt Ion:105 Resp: 262275
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 20.297 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

Tgt Ion:119 Resp: 248410
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.5 40.4
 91 23.5 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 19.829 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

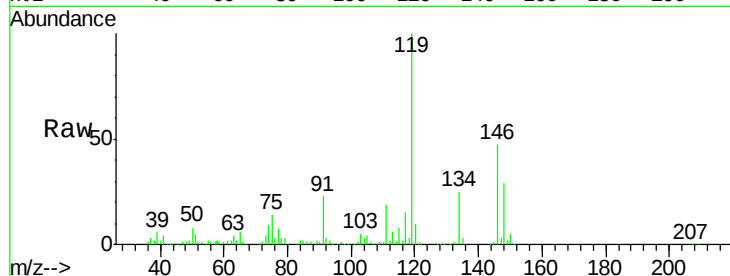
Tgt Ion:146 Resp: 126070

Ion Ratio Lower Upper

146 100

111 38.8 18.9 56.9

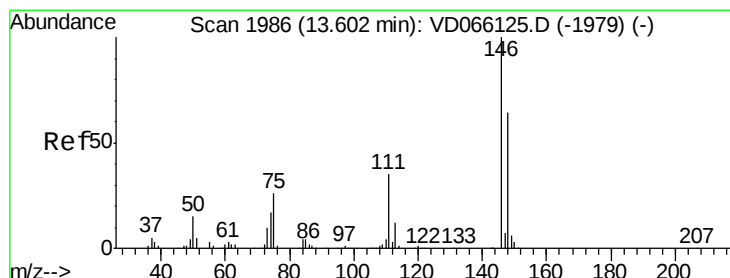
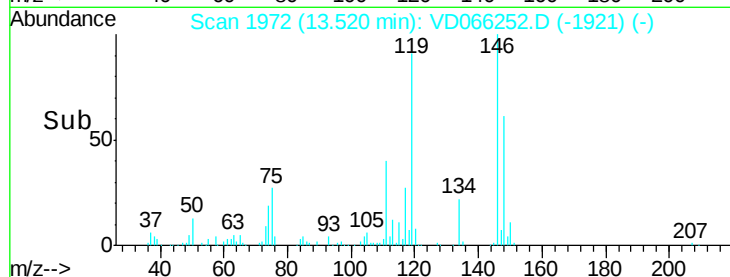
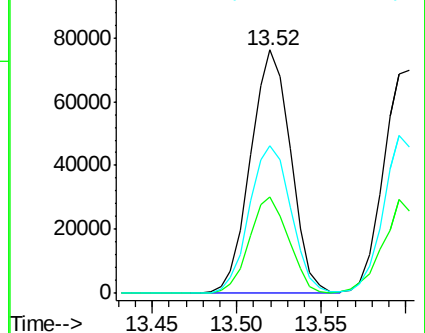
148 62.9 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 19.003 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

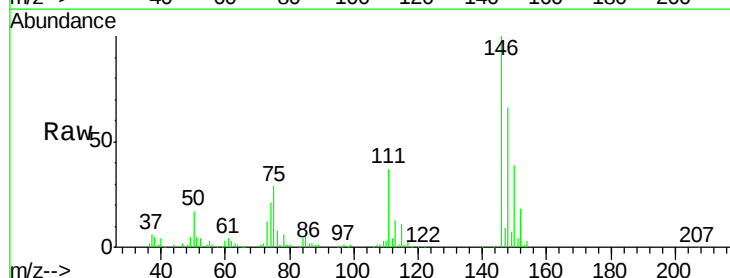
Tgt Ion:146 Resp: 120485

Ion Ratio Lower Upper

146 100

111 40.5 18.6 55.8

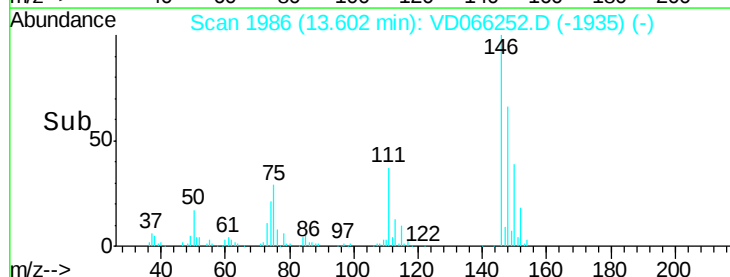
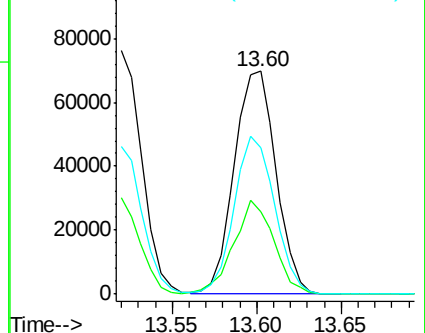
148 68.7 32.4 97.0

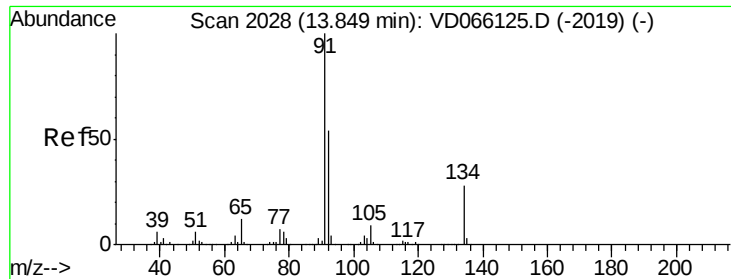


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

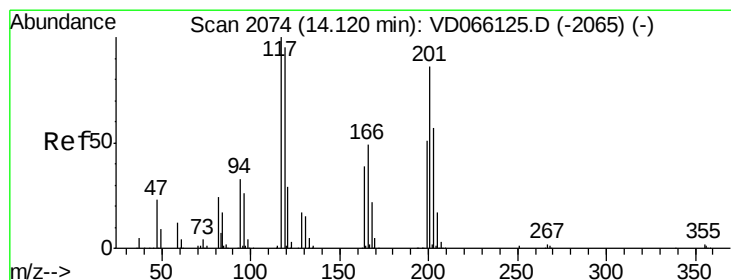
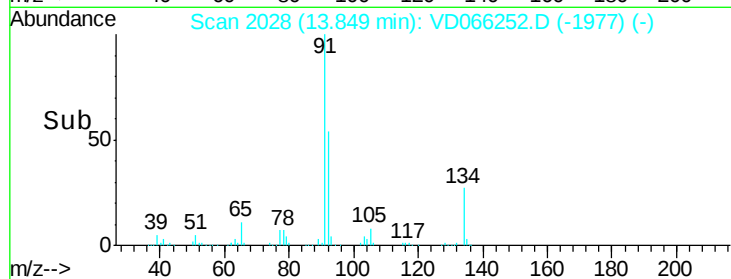
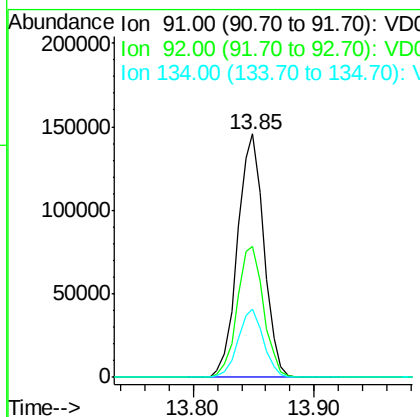
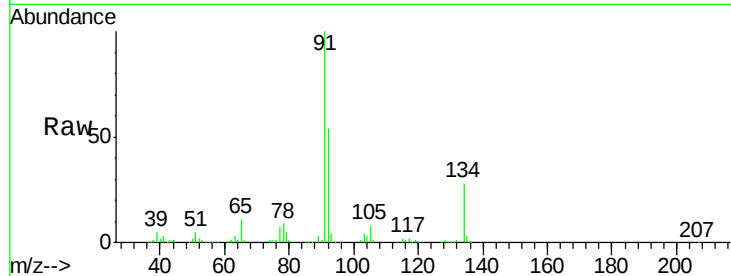




#89
n-Butylbenzene
Concen: 20.148 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066252.D
Acq: 17 Aug 2020 12:38

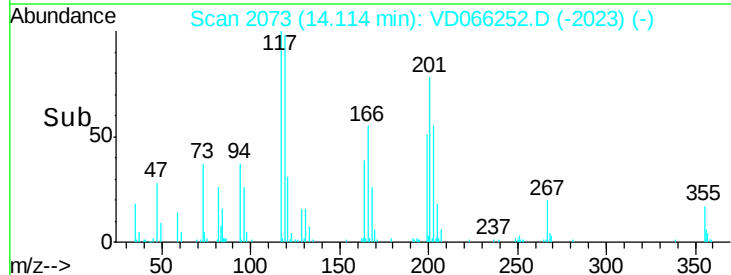
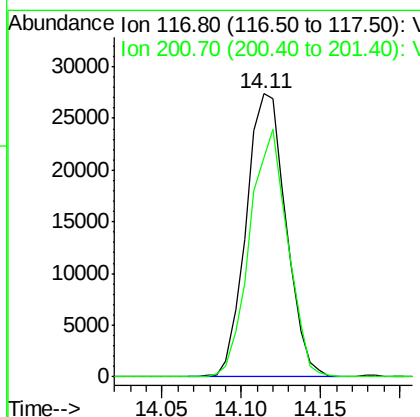
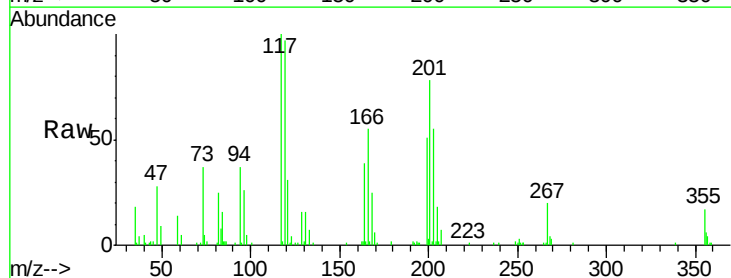
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

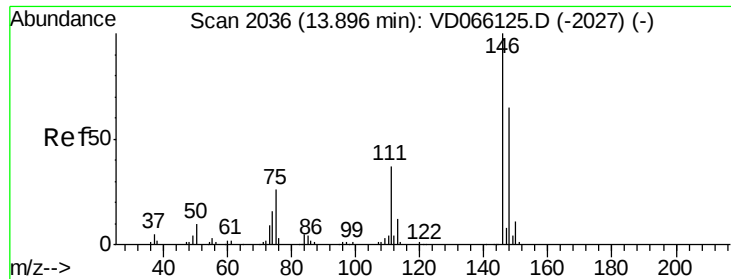
Tgt Ion: 91 Resp: 220931
Ion Ratio Lower Upper
91 100
92 53.9 26.8 80.3
134 27.3 14.0 41.9



#90
Hexachloroethane
Concen: 19.602 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066252.D
Acq: 17 Aug 2020 12:38

Tgt Ion: 117 Resp: 47847
Ion Ratio Lower Upper
117 100
201 83.4 42.7 128.1

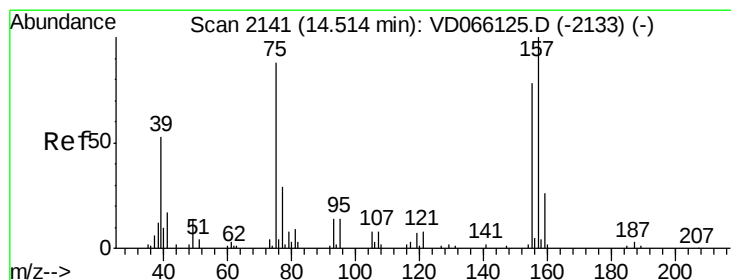
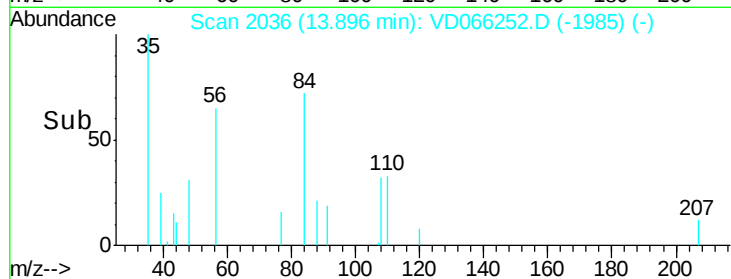
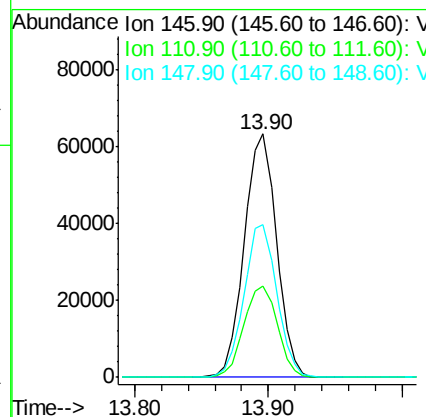
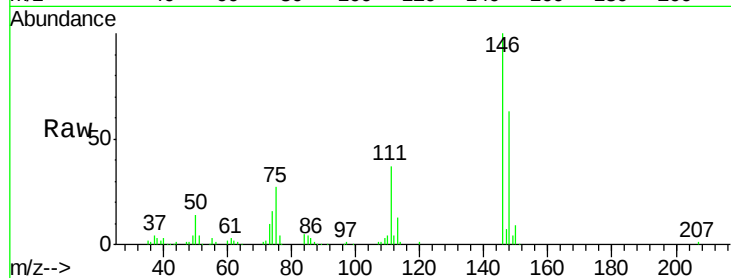




#91
 1,2-Dichlorobenzene
 Concen: 18.840 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

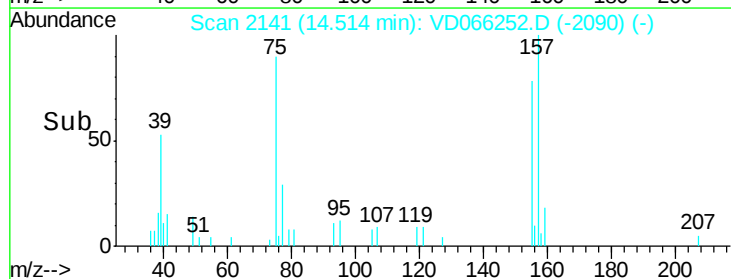
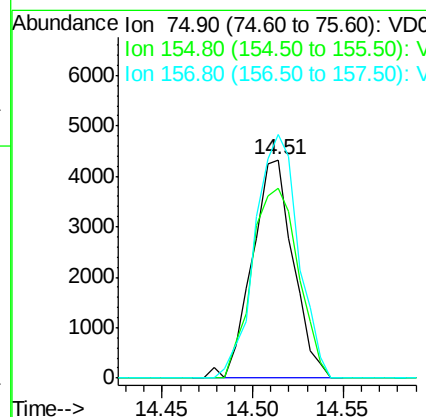
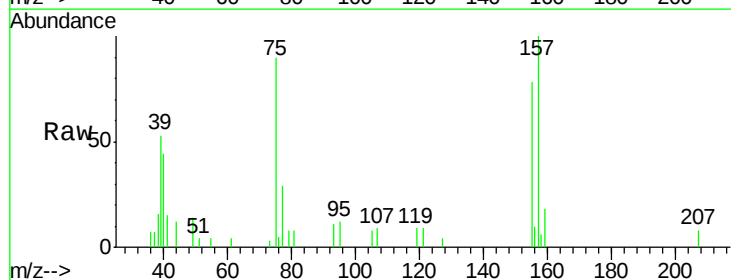
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBS01

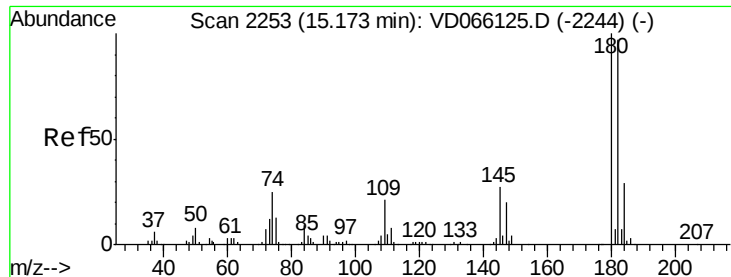
Tgt Ion:146 Resp: 105930
 Ion Ratio Lower Upper
 146 100
 111 39.1 18.8 56.3
 148 63.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.647 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

Tgt Ion: 75 Resp: 6796
 Ion Ratio Lower Upper
 75 100
 155 99.1 47.7 143.1
 157 118.1 62.1 186.2

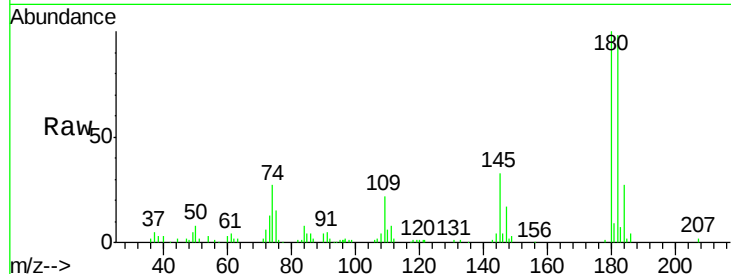




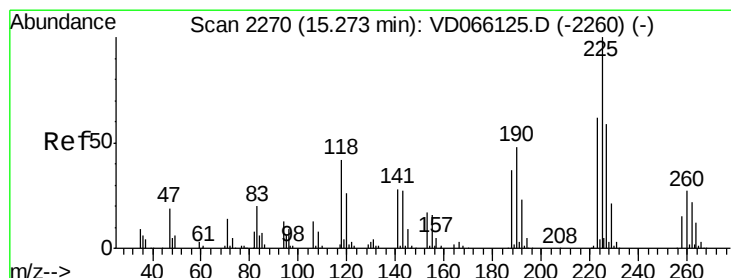
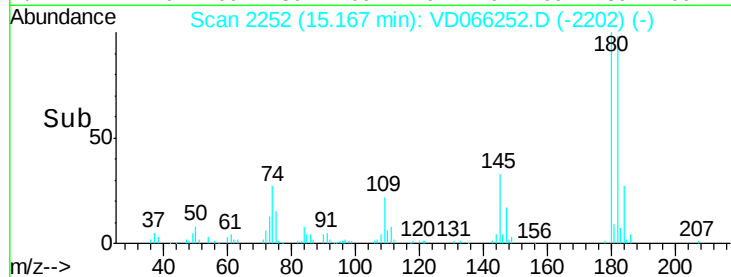
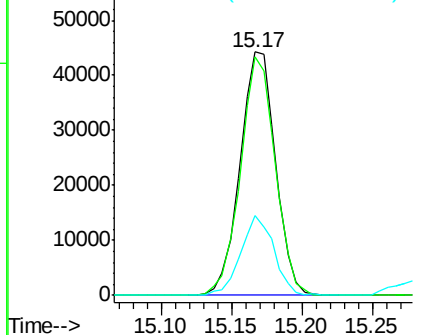
#93
 1,2,4-Trichlorobenzene
 Concen: 18.811 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.4	142.2
145	30.6	14.5	43.6

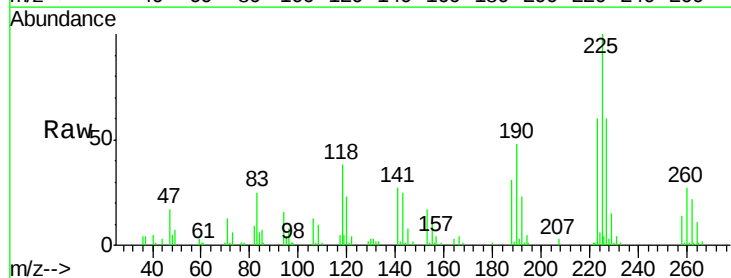


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

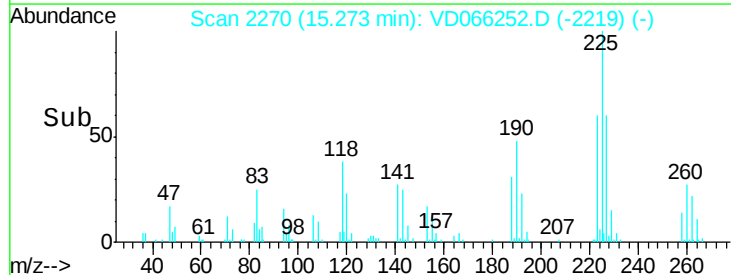
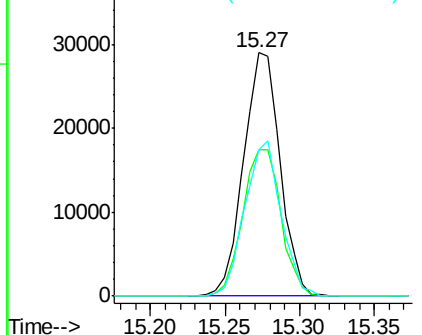


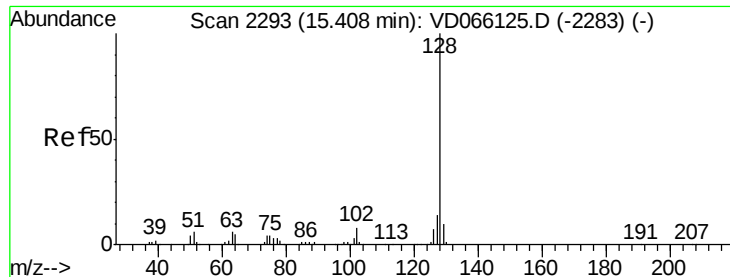
#94
 Hexachlorobutadiene
 Concen: 20.136 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066252.D
 Acq: 17 Aug 2020 12:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.3	96.9
227	63.0	32.1	96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.757 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

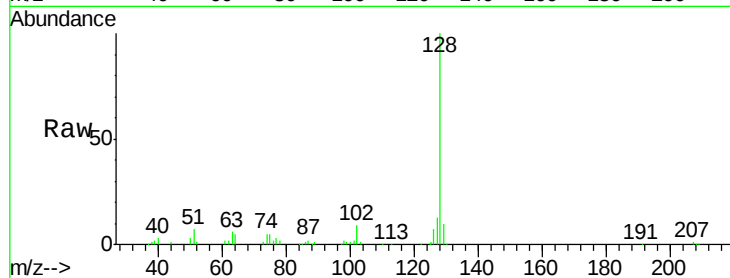
Tgt Ion:128 Resp: 119887

Ion Ratio Lower Upper

128 100

127 12.5 11.0 16.4

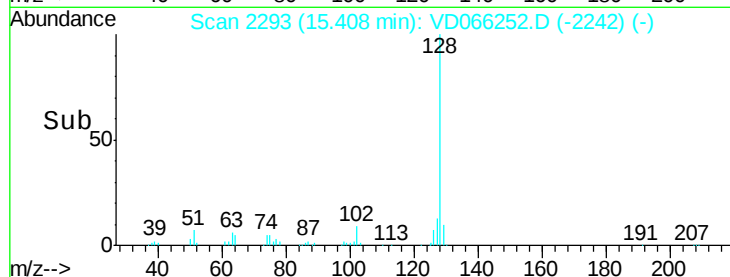
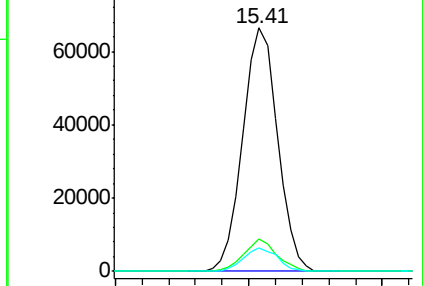
129 9.5 8.8 13.2



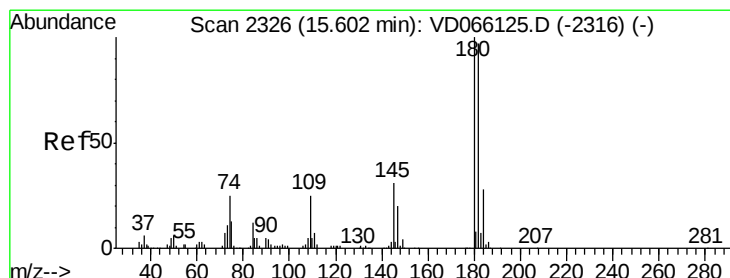
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time--> 15.30 15.40 15.50



#96

1,2,3-Trichlorobenzene

Concen: 17.957 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066252.D

Acq: 17 Aug 2020 12:38

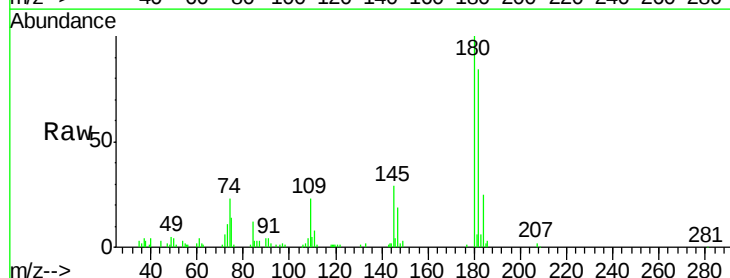
Tgt Ion:180 Resp: 65684

Ion Ratio Lower Upper

180 100

182 91.2 47.1 141.4

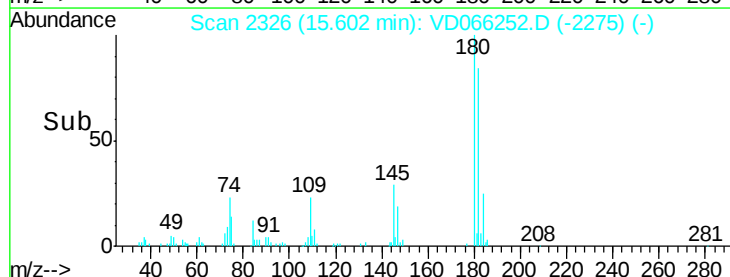
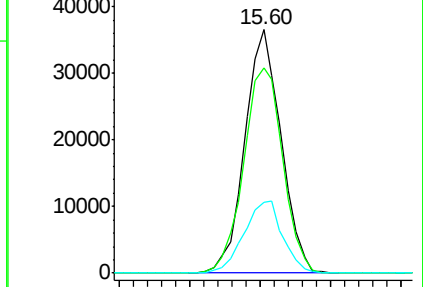
145 31.7 14.9 44.9



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



Time--> 15.50 15.55 15.60 15.65