

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081720\
 Data File : VD066253.D
 Acq On : 17 Aug 2020 13:05
 Operator : VA/SY
 Sample : VD0817SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VD0817SBS01

Quant Time: Aug 17 14:03:22 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	7.98	168	290532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	412049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	380986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	200397	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	132348	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	7.91	113	138037	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
50) Toluene-d8	10.34	98	505786	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.63	95	179417	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.99	85	53208	20.787	ug/l 98
3) Chloromethane	2.21	50	38969	19.571	ug/l 91
4) Vinyl Chloride	2.35	62	37800	21.443	ug/l 100
5) Bromomethane	2.76	94	26646	22.783	ug/l 89
6) Chloroethane	2.92	64	23812	22.005	ug/l 98
7) Trichlorofluoromethane	3.27	101	94833	20.635	ug/l 98
8) Diethyl Ether	3.70	74	23827	18.374	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	54873	20.119	ug/l 99
10) Methyl Iodide	4.30	142	50701	24.389	ug/l 99
11) Tert butyl alcohol	5.21	59	19573	74.453	ug/l 100
12) 1,1-Dichloroethene	4.06	96	51348	19.957	ug/l 95
13) Acrolein	3.91	56	12005	58.187	ug/l 95
14) Allyl chloride	4.71	41	71859	18.435	ug/l 95
15) Acrylonitrile	5.43	53	49847	91.219	ug/l 99
16) Acetone	4.16	43	48055	97.710	ug/l 94
17) Carbon Disulfide	4.40	76	148195	18.115	ug/l 99
18) Methyl Acetate	4.72	43	22836	18.280	ug/l 94
19) Methyl tert-butyl Ether	5.47	73	109668	18.596	ug/l 93
20) Methylene Chloride	4.96	84	64870	20.186	ug/l 95
21) trans-1,2-Dichloroethene	5.47	96	55969	18.936	ug/l 94
22) Diisopropyl ether	6.36	45	142663	18.508	ug/l 92
23) Vinyl Acetate	6.30	43	407028	90.133	ug/l 99
24) 1,1-Dichloroethane	6.26	63	91544	19.190	ug/l 96
25) 2-Butanone	7.21	43	62929	86.995	ug/l 99
26) 2,2-Dichloropropane	7.20	77	89057	20.829	ug/l 98
27) cis-1,2-Dichloroethene	7.21	96	61410	19.808	ug/l 99
28) Bromochloromethane	7.54	49	35597	21.246	ug/l 99
29) Tetrahydrofuran	7.56	42	38841	86.666	ug/l 97
30) Chloroform	7.71	83	99739	19.912	ug/l 96
31) Cyclohexane	7.98	56	84103	18.521	ug/l 97
32) 1,1,1-Trichloroethane	7.90	97	96212	20.485	ug/l 97
36) 1,1-Dichloropropene	8.11	75	79440	20.517	ug/l 98
37) Ethyl Acetate	7.29	43	29047	18.934	ug/l 98
38) Carbon Tetrachloride	8.09	117	89997	20.843	ug/l 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081720\
 Data File : VD066253.D
 Acq On : 17 Aug 2020 13:05
 Operator : VA/SY
 Sample : VD0817SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VD0817SBS01

Quant Time: Aug 17 14:03:22 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	91668	19.584	ug/l	96
40) Benzene	8.35	78	208808	19.440	ug/l	99
41) Methacrylonitrile	7.51	41	16106	17.855	ug/l	94
42) 1,2-Dichloroethane	8.42	62	64975	20.591	ug/l	99
43) Isopropyl Acetate	8.44	43	54881	18.156	ug/l	99
44) Trichloroethene	9.11	130	66071	20.413	ug/l	97
45) 1,2-Dichloropropane	9.38	63	51798	19.717	ug/l	99
46) Dibromomethane	9.47	93	28294	19.553	ug/l	99
47) Bromodichloromethane	9.66	83	76441	19.987	ug/l #	89
48) Methyl methacrylate	9.46	41	26289	17.033	ug/l	88
49) 1,4-Dioxane	9.46	88	6974	375.133	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	141608	91.204	ug/l	99
52) Toluene	10.40	92	142574	20.172	ug/l	95
53) t-1,3-Dichloropropene	10.62	75	73097	20.140	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	83768	19.699	ug/l	92
55) 1,1,2-Trichloroethane	10.80	97	41265	19.804	ug/l	97
56) Ethyl methacrylate	10.66	69	47365	18.923	ug/l	96
57) 1,3-Dichloropropane	10.94	76	65364	18.896	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	110480	98.124	ug/l	98
59) 2-Hexanone	10.98	43	99403	91.223	ug/l	97
60) Dibromochloromethane	11.14	129	56815	19.750	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39824	19.874	ug/l	97
64) Tetrachloroethene	10.87	164	58307	19.930	ug/l	93
65) Chlorobenzene	11.67	112	155978	20.167	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	61238	20.236	ug/l	97
67) Ethyl Benzene	11.74	91	278360	20.769	ug/l	97
68) m/p-Xylenes	11.86	106	212924	41.004	ug/l	98
69) o-Xylene	12.18	106	95010	20.114	ug/l	100
70) Styrene	12.19	104	171092	20.667	ug/l	99
71) Bromoform	12.36	173	33240	18.540	ug/l #	93
73) Isopropylbenzene	12.48	105	270569	20.226	ug/l	100
74) N-amyl acetate	12.28	43	51549	17.500	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	41385	18.143	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	55088	32.964	ug/l #	100
77) Bromobenzene	12.76	156	67861	19.707	ug/l	100
78) n-propylbenzene	12.82	91	313902	20.187	ug/l	99
79) 2-Chlorotoluene	12.91	91	180556	20.302	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	231149	20.662	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	14493	19.171	ug/l	96
82) 4-Chlorotoluene	13.01	91	189089	20.141	ug/l	99
83) tert-Butylbenzene	13.23	119	198709	20.197	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	232408	20.758	ug/l	99
85) sec-Butylbenzene	13.40	105	271998	20.477	ug/l	100
86) p-Isopropyltoluene	13.52	119	257673	20.683	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	131608	20.335	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	129240	20.024	ug/l	98
89) n-Butylbenzene	13.85	91	223886	20.057	ug/l	98
90) Hexachloroethane	14.11	117	49712	20.007	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	113860	19.893	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6842	17.453	ug/l	94

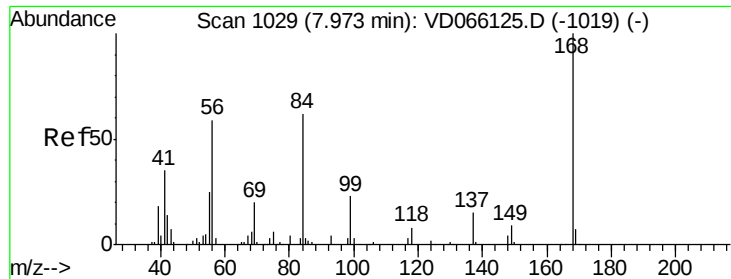
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081720\
Data File : VD066253.D
Acq On : 17 Aug 2020 13:05
Operator : VA/SY
Sample : VD0817SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VD0817SBSD01

Quant Time: Aug 17 14:03:22 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	82124	19.470	ug/l	97
94) Hexachlorobutadiene	15.27	225	49247	19.827	ug/l	98
95) Naphthalene	15.41	128	128141	18.645	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	70000	18.800	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

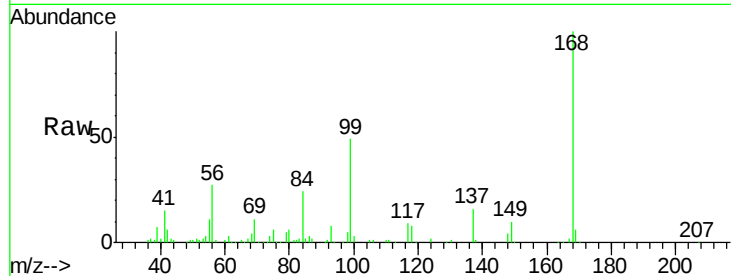
VD0817SBSD01

Tgt Ion:168 Resp: 290532

Ion Ratio Lower Upper

168 100

99 49.3 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

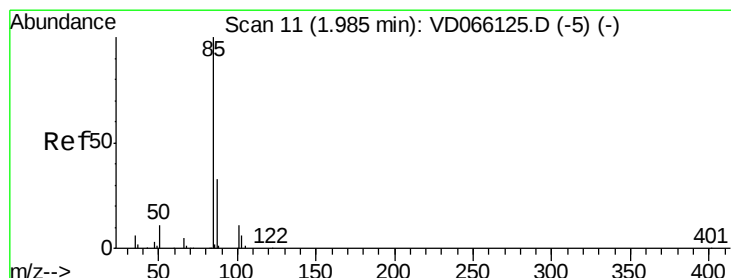
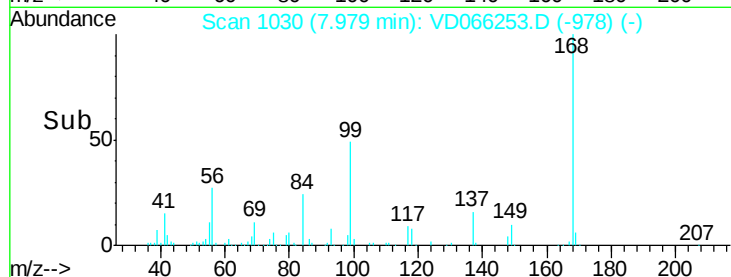
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 20.787 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066253.D

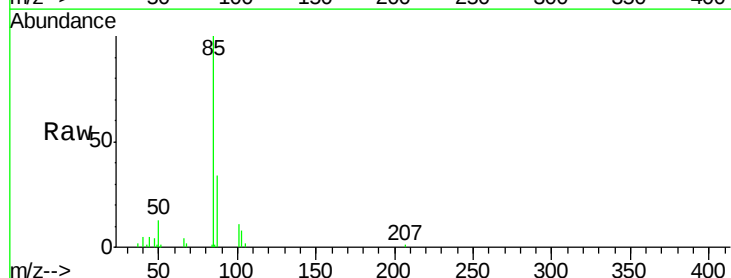
Acq: 17 Aug 2020 13:05

Tgt Ion: 85 Resp: 53208

Ion Ratio Lower Upper

85 100

87 33.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

40000

30000

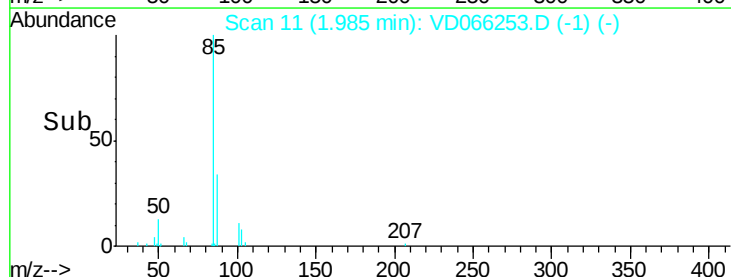
20000

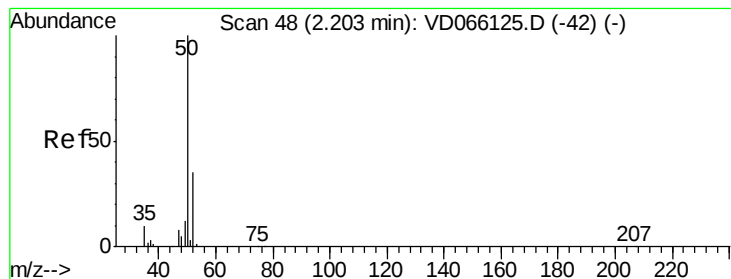
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.571 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

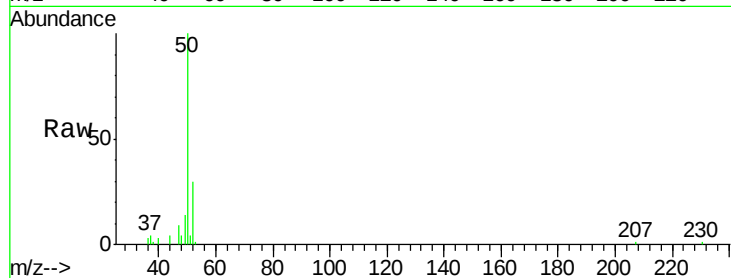
VD0817SBSD01

Tgt Ion: 50 Resp: 38969

Ion Ratio Lower Upper

50 100

52 30.0 27.9 41.9

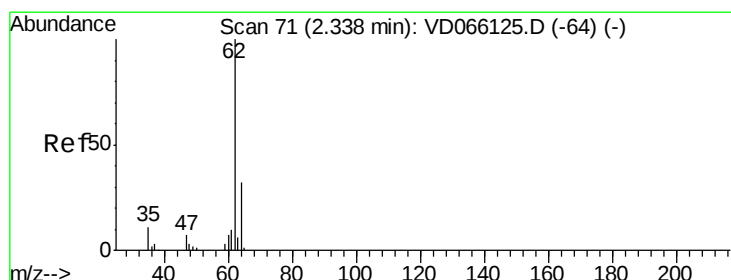
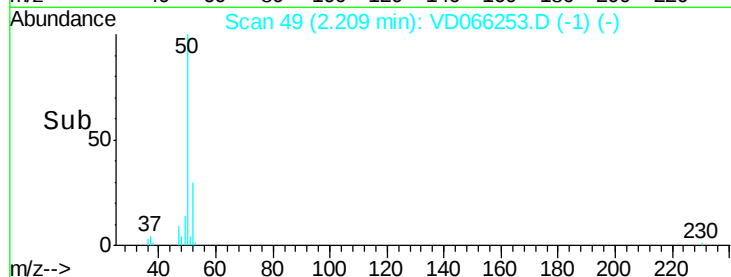


Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

Time-->



#4

Vinyl Chloride

Concen: 21.443 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD066253.D

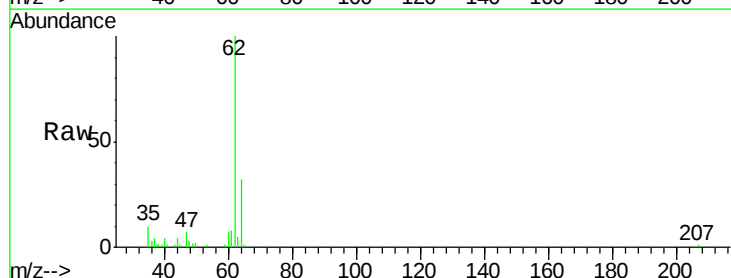
Acq: 17 Aug 2020 13:05

Tgt Ion: 62 Resp: 37800

Ion Ratio Lower Upper

62 100

64 32.1 25.8 38.8

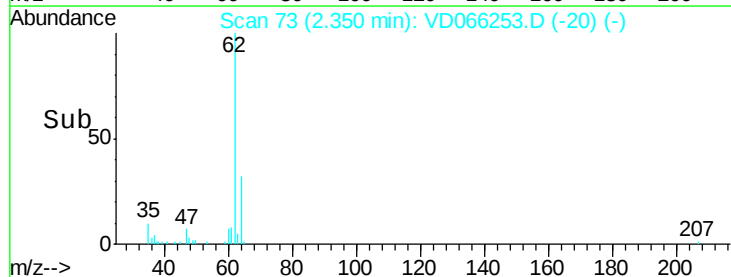


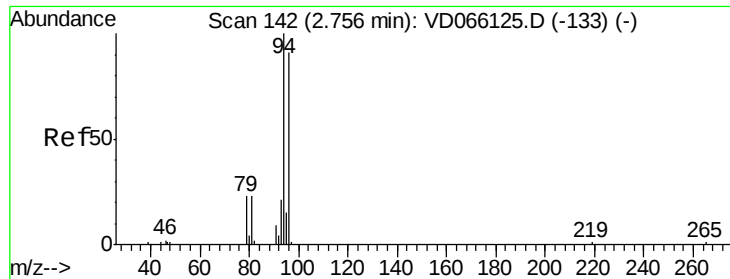
Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

Time-->





#5

Bromomethane

Concen: 22.783 ug/l

RT: 2.76 min Scan# 143

Delta R.T. 0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

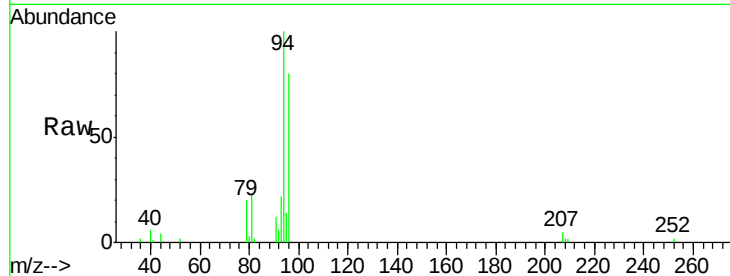
VD0817SBSD01

Tgt Ion: 94 Resp: 26646

Ion Ratio Lower Upper

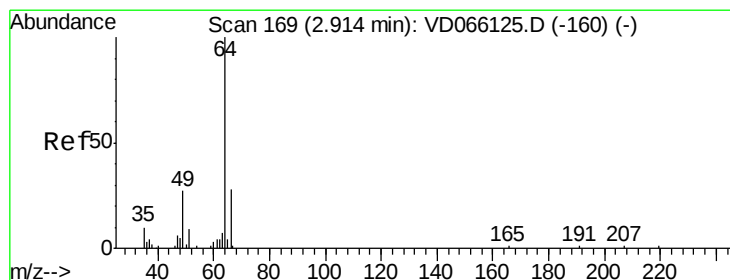
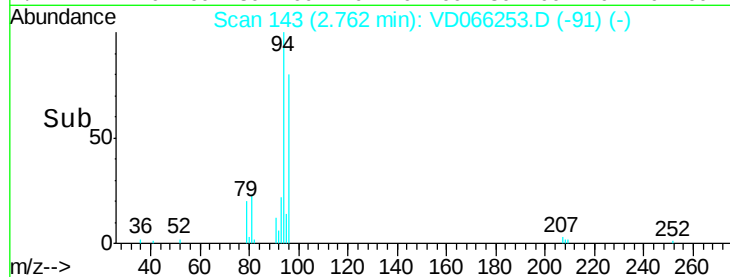
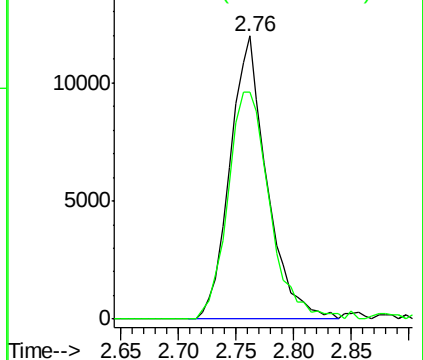
94 100

96 80.2 72.6 109.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 22.005 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VD066253.D

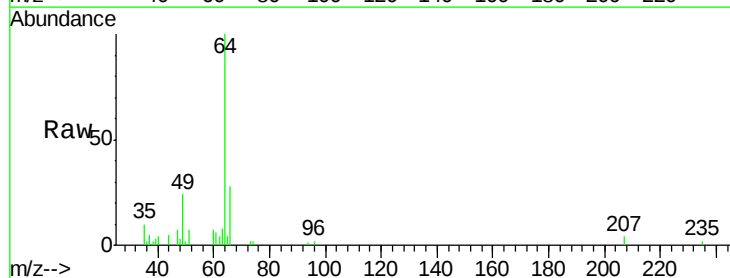
Acq: 17 Aug 2020 13:05

Tgt Ion: 64 Resp: 23812

Ion Ratio Lower Upper

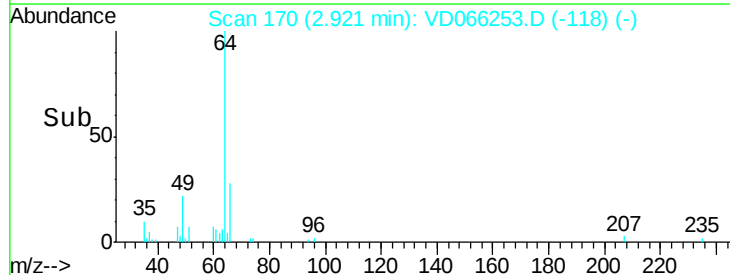
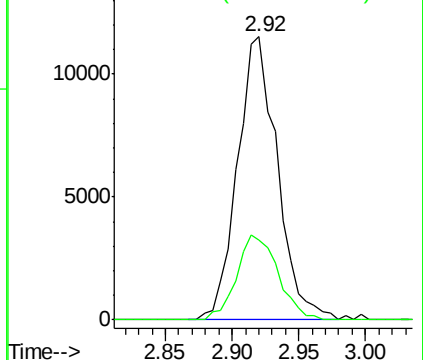
64 100

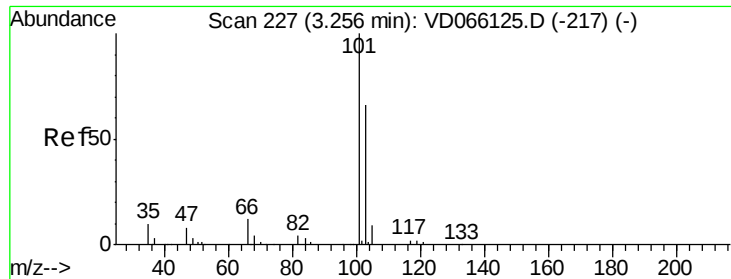
66 28.4 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



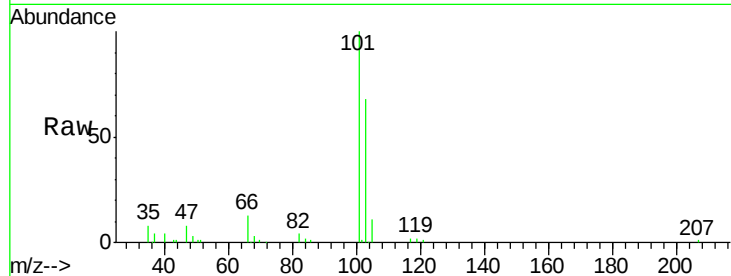


#7

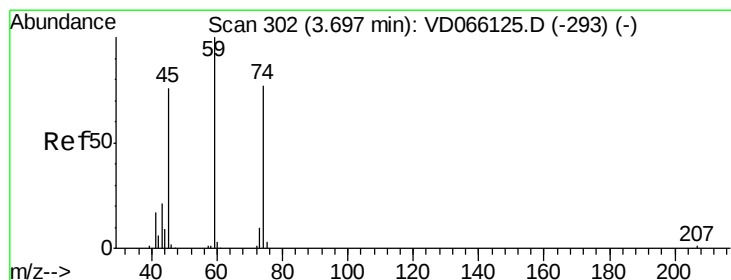
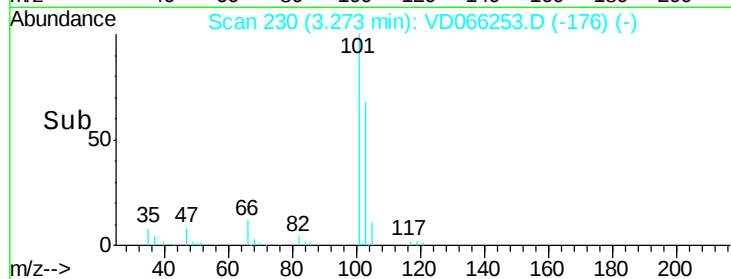
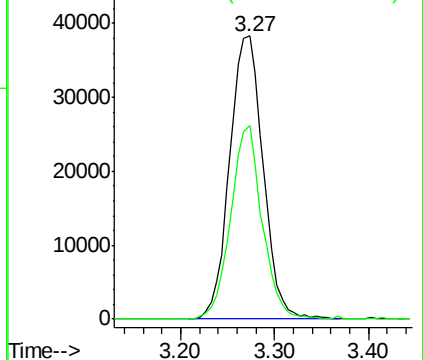
Trichlorofluoromethane
Concen: 20.635 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.02 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Instrument :
MSVOA_N
ClientSampleId :
VD0817SBSD01

Tgt Ion:101 Resp: 94833
Ion Ratio Lower Upper
101 100
103 68.3 53.0 79.6



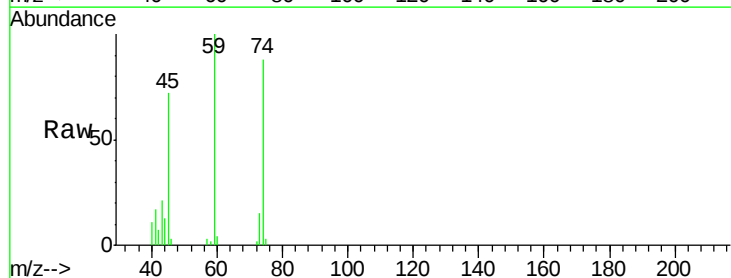
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



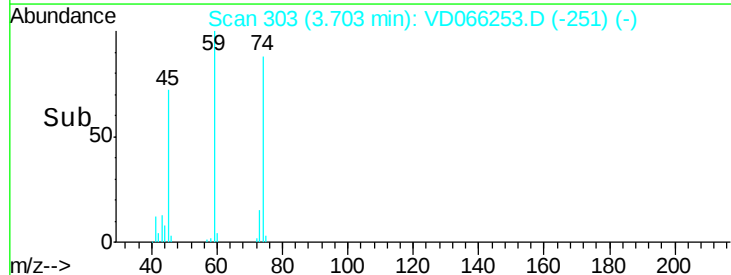
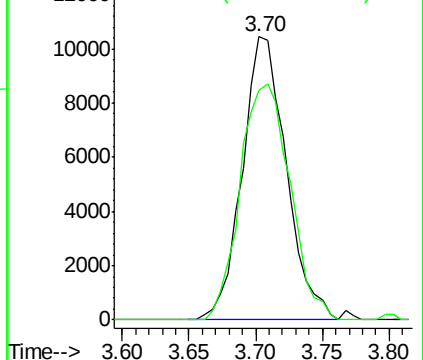
#8

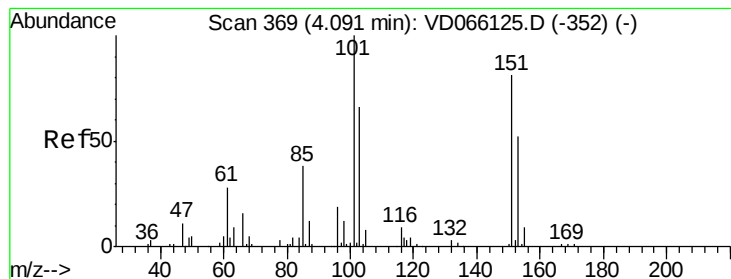
Diethyl Ether
Concen: 18.374 ug/l
RT: 3.70 min Scan# 303
Delta R.T. 0.01 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion: 74 Resp: 23827
Ion Ratio Lower Upper
74 100
45 94.5 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.119 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VD0817SBSD01

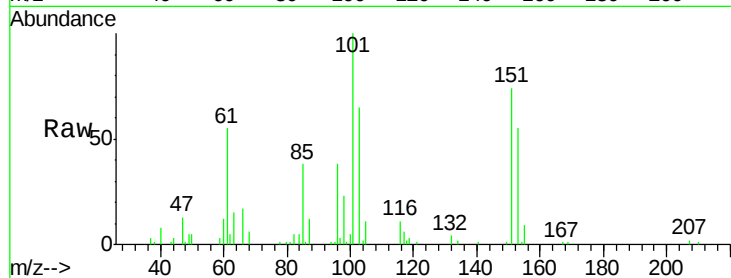
Tgt Ion:101 Resp: 54873

Ion Ratio Lower Upper

101 100

85 41.4 33.5 50.3

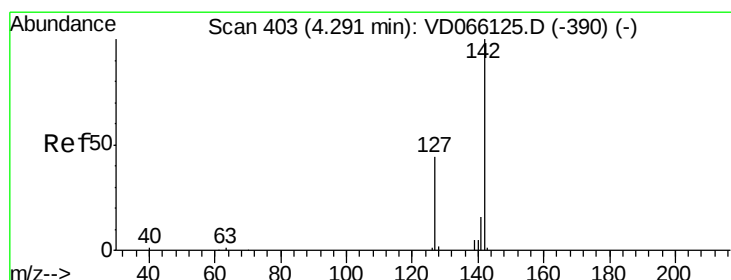
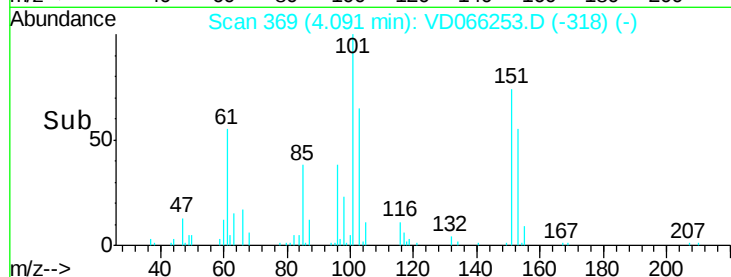
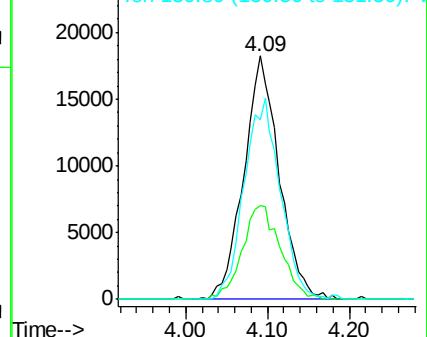
151 84.2 67.8 101.8



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: 24.389 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

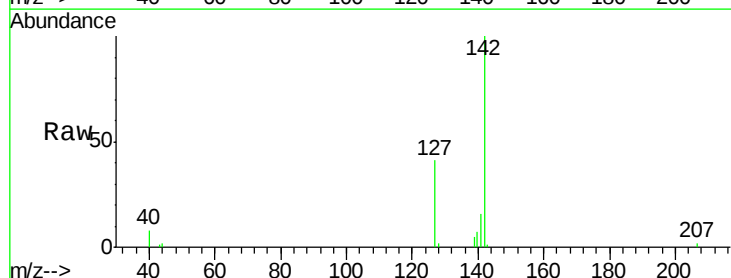
Tgt Ion:142 Resp: 50701

Ion Ratio Lower Upper

142 100

127 45.8 36.2 54.4

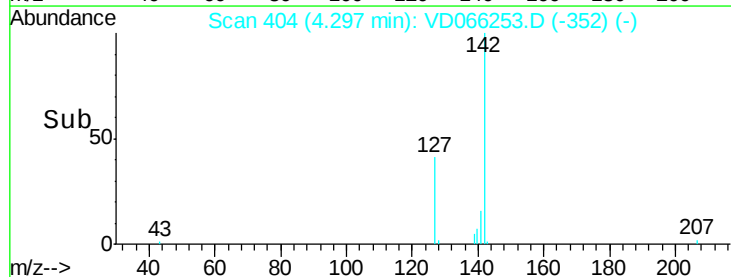
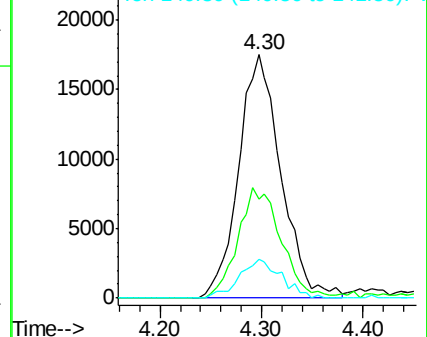
141 15.8 12.6 18.8



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: 74.453 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

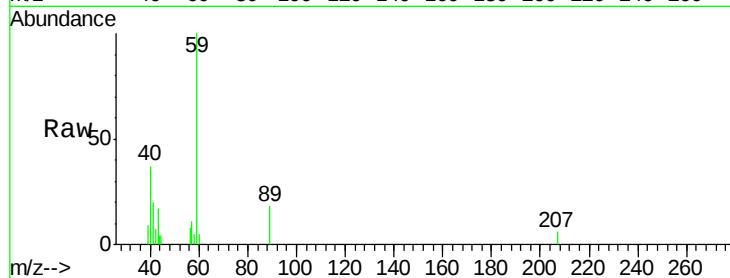
VD0817SBSD01

Tgt Ion: 59 Resp: 19573

Ion Ratio Lower Upper

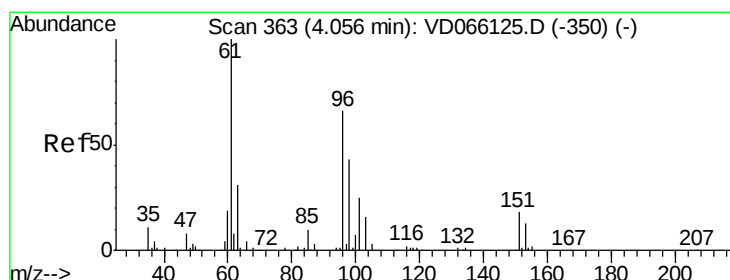
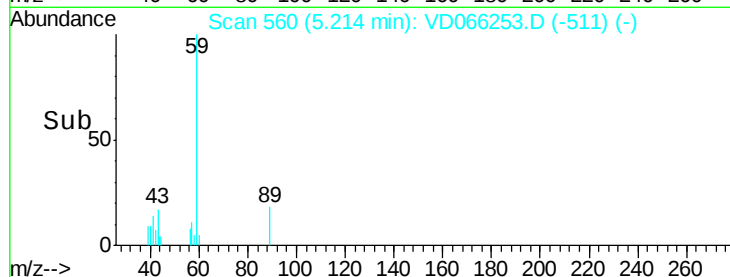
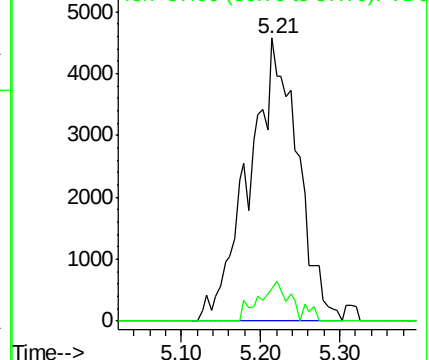
59 100

57 8.6 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: 19.957 ug/l

RT: 4.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

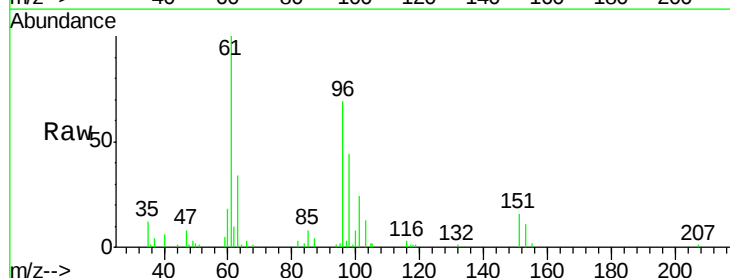
Tgt Ion: 96 Resp: 51348

Ion Ratio Lower Upper

96 100

61 143.9 121.6 182.4

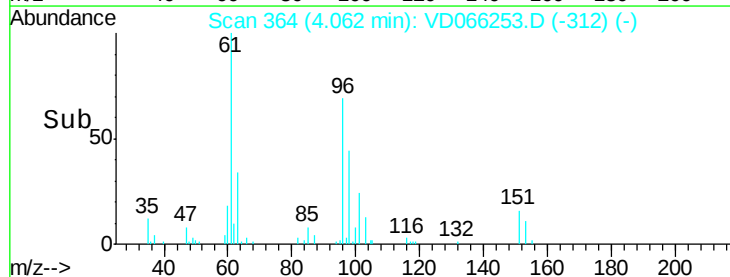
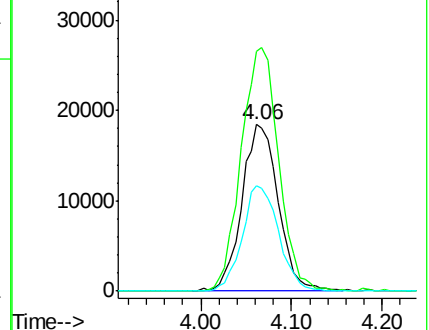
98 63.4 52.0 78.0

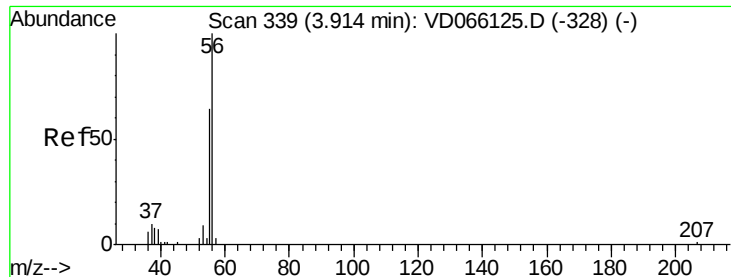


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 58.187 ug/l

RT: 3.91 min Scan# 339

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

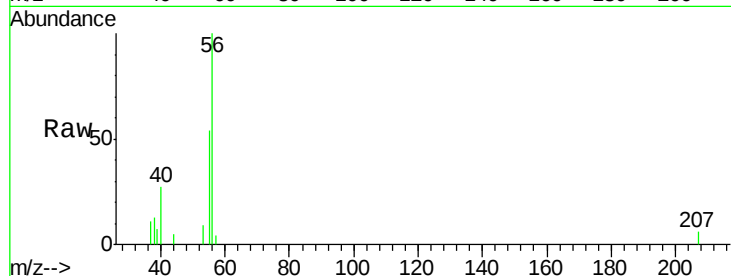
VD0817SBSD01

Tgt Ion: 56 Resp: 12005

Ion Ratio Lower Upper

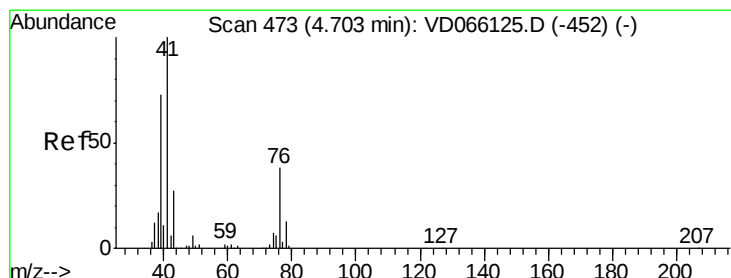
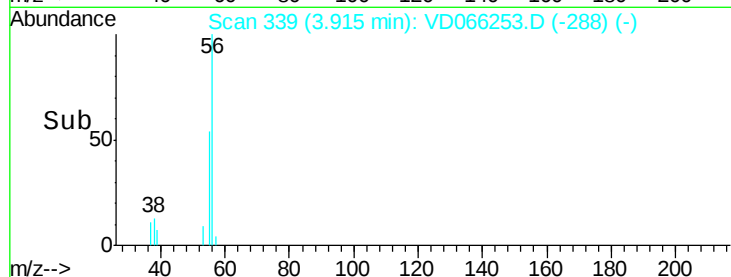
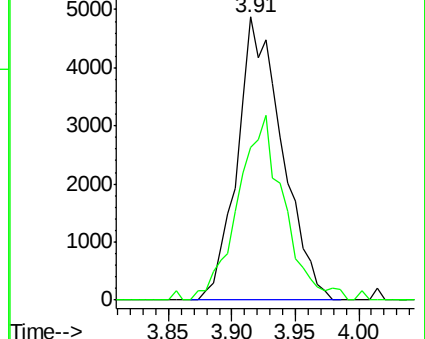
56 100

55 66.5 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 18.435 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

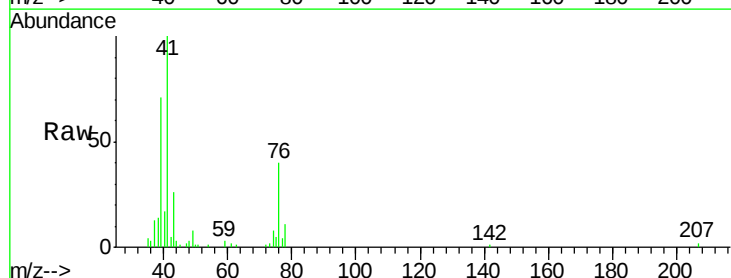
Tgt Ion: 41 Resp: 71859

Ion Ratio Lower Upper

41 100

39 76.1 57.4 86.0

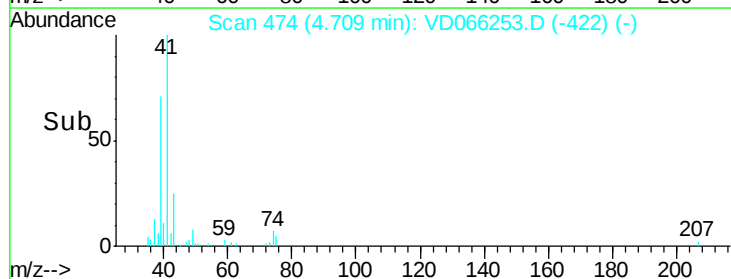
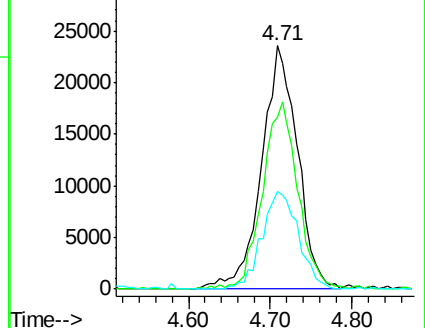
76 40.6 30.1 45.1

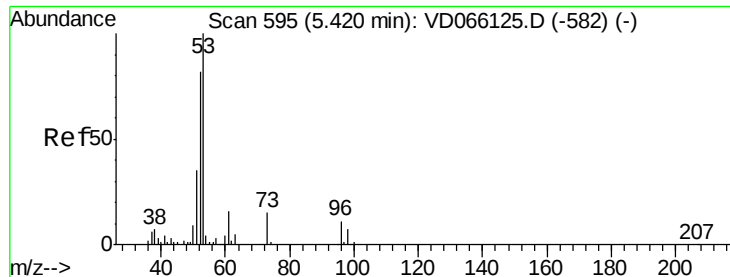


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 91.219 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VD0817SBSD01

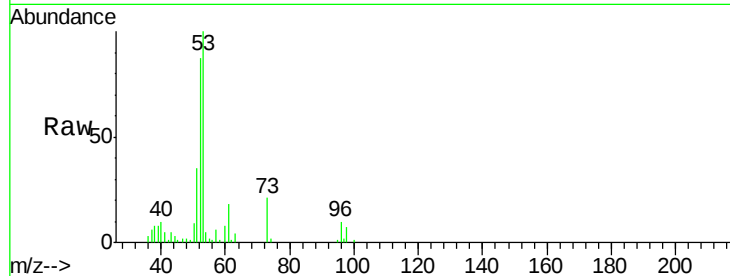
Tgt Ion: 53 Resp: 49847

Ion Ratio Lower Upper

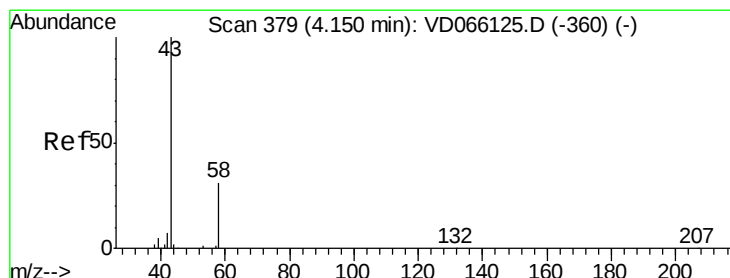
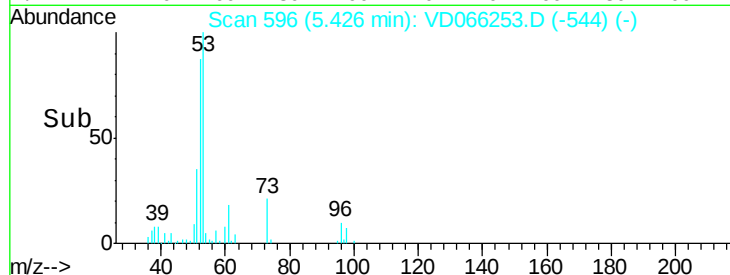
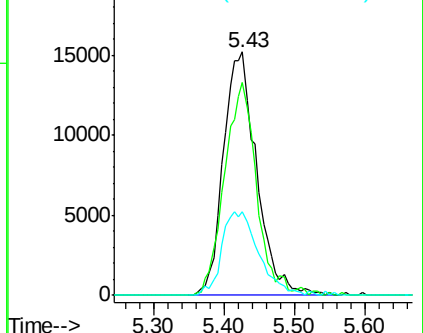
53 100

52 83.3 66.1 99.1

51 37.8 30.8 46.2



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 97.710 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066253.D

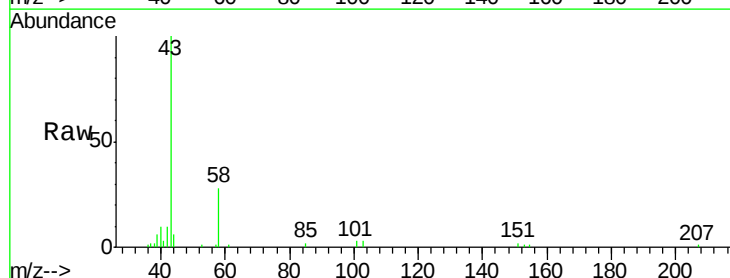
Acq: 17 Aug 2020 13:05

Tgt Ion: 43 Resp: 48055

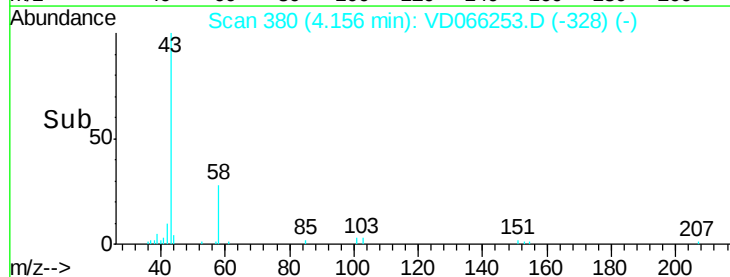
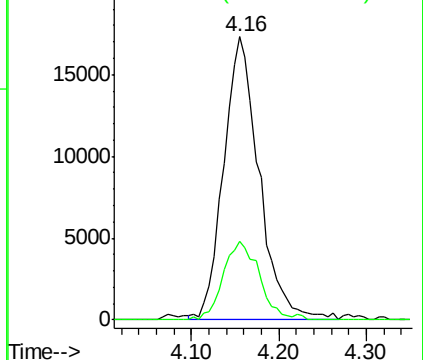
Ion Ratio Lower Upper

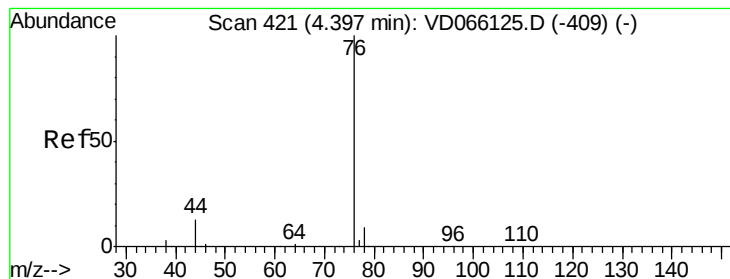
43 100

58 27.7 24.7 37.1



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





#17

Carbon Disulfide

Concen: 18.115 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

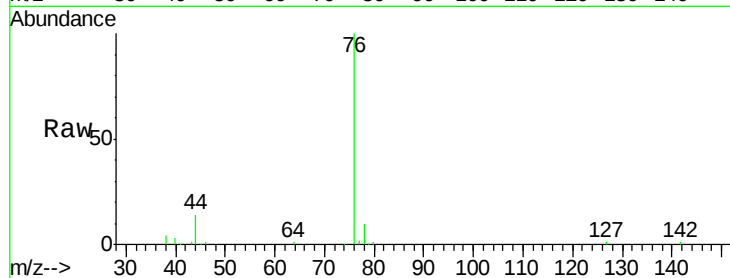
VD0817SBSD01

Tgt Ion: 76 Resp: 148195

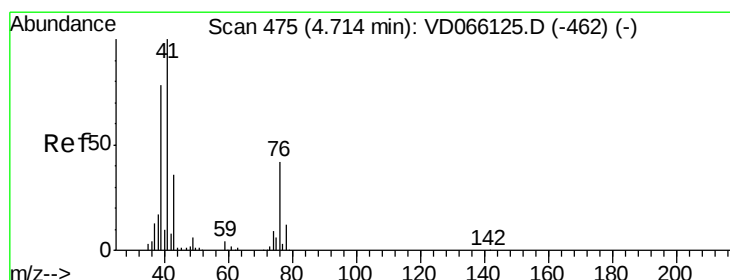
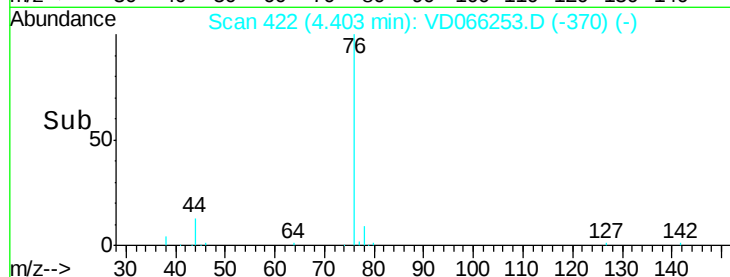
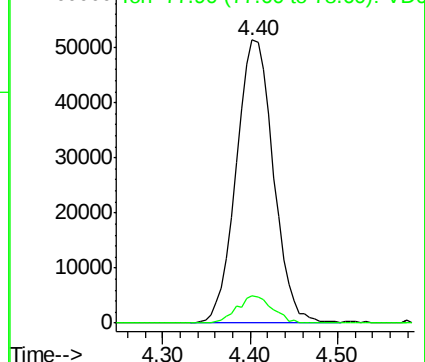
Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 18.280 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066253.D

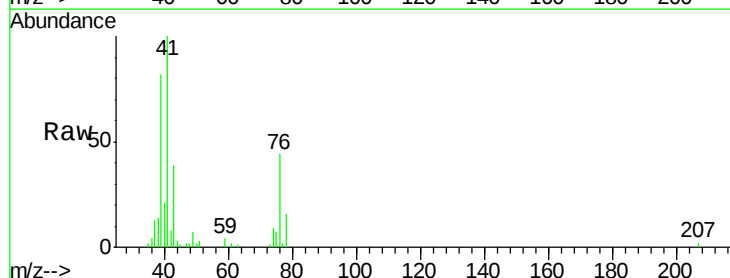
Acq: 17 Aug 2020 13:05

Tgt Ion: 43 Resp: 22836

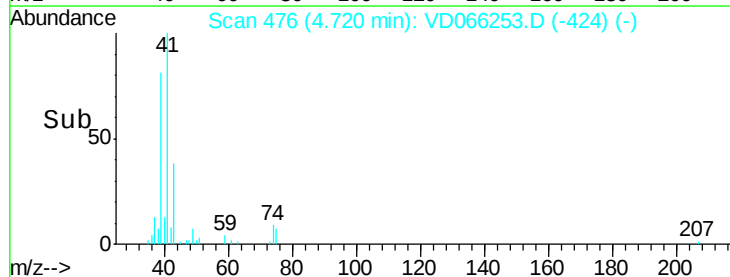
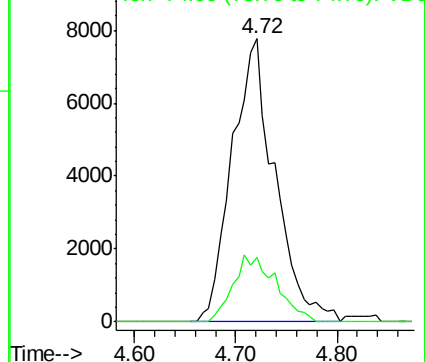
Ion Ratio Lower Upper

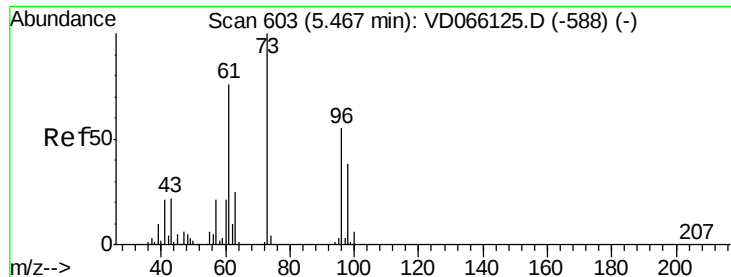
43 100

74 23.6 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC





#19

Methyl tert-butyl Ether

Concen: 18.596 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

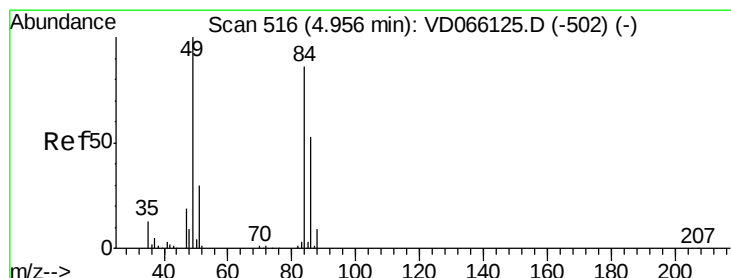
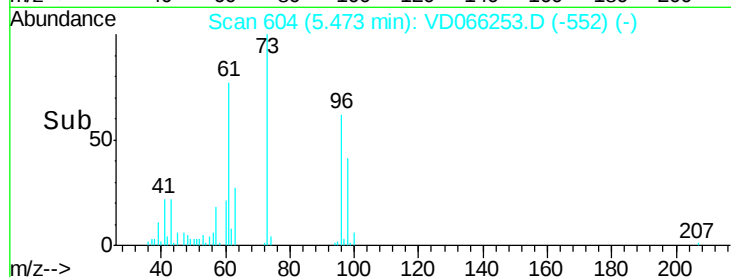
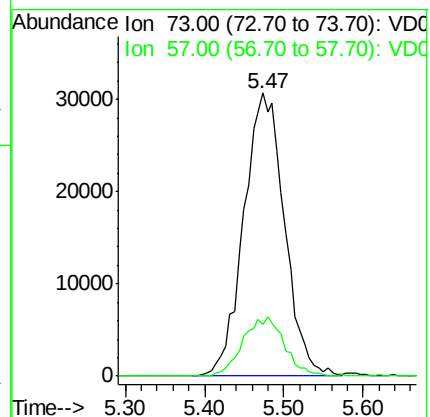
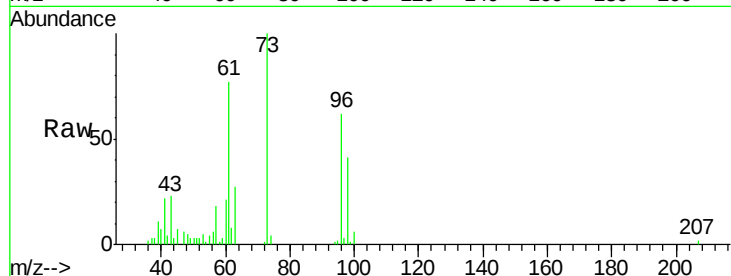
VD0817SBSD01

Tgt Ion: 73 Resp: 109668

Ion Ratio Lower Upper

73 100

57 18.3 17.1 25.7



#20

Methylene Chloride

Concen: 20.186 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Tgt Ion: 84 Resp: 64870

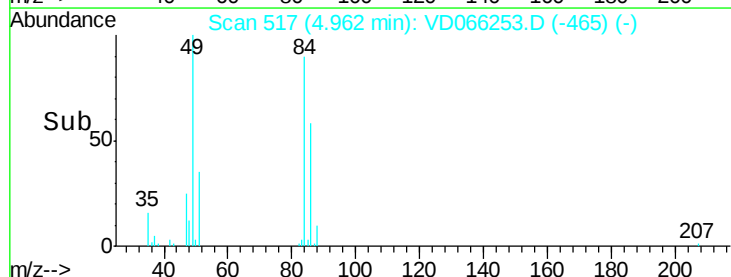
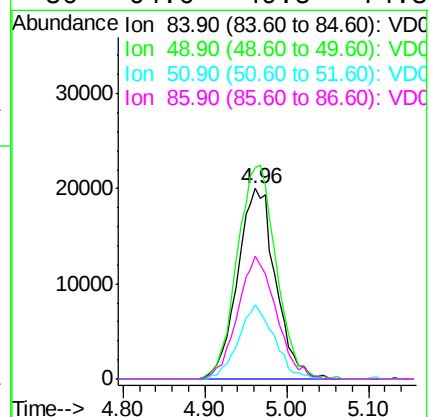
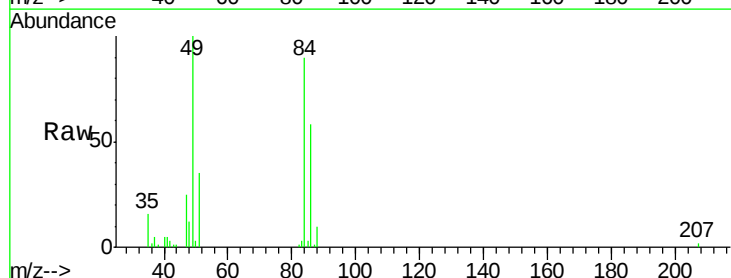
Ion Ratio Lower Upper

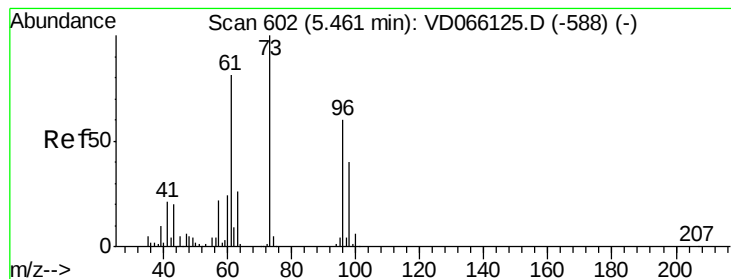
84 100

49 111.2 93.5 140.3

51 38.9 28.2 42.4

86 64.6 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 18.936 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VD0817SBSD01

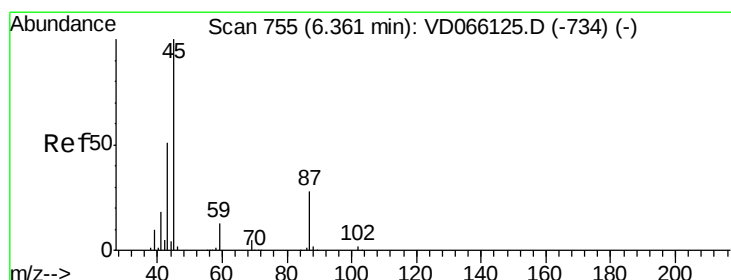
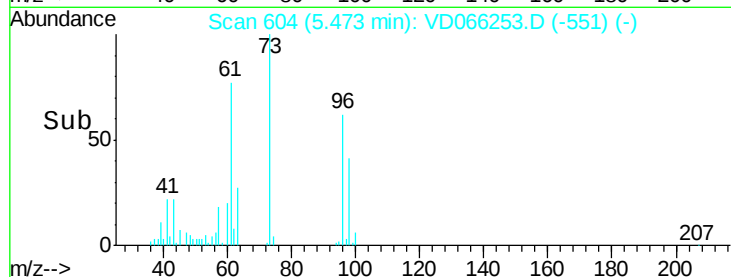
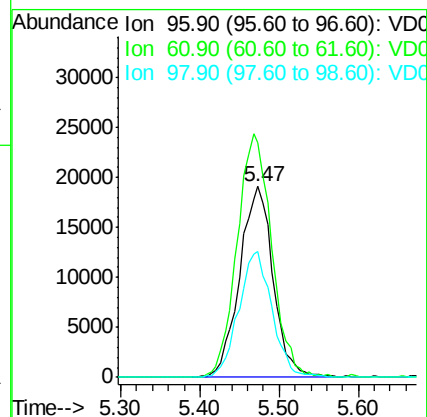
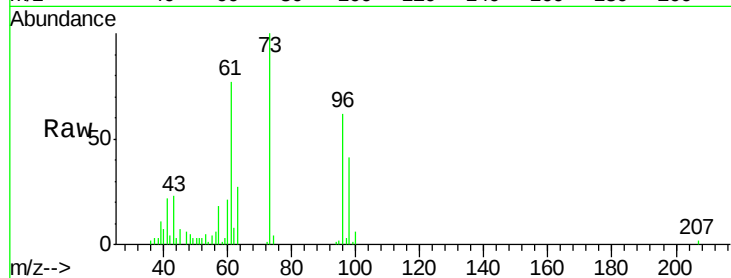
Tgt Ion: 96 Resp: 55969

Ion Ratio Lower Upper

96 100

61 123.3 106.9 160.3

98 65.8 53.4 80.0



#22

Diisopropyl ether

Concen: 18.508 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Tgt Ion: 45 Resp: 142663

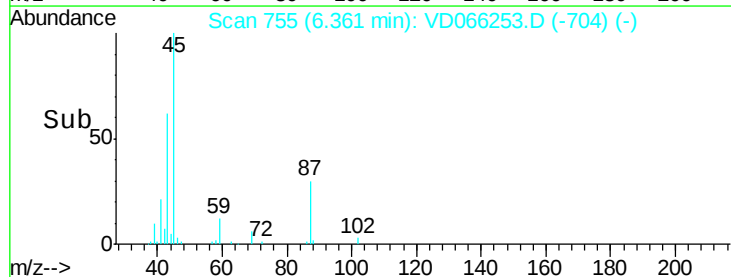
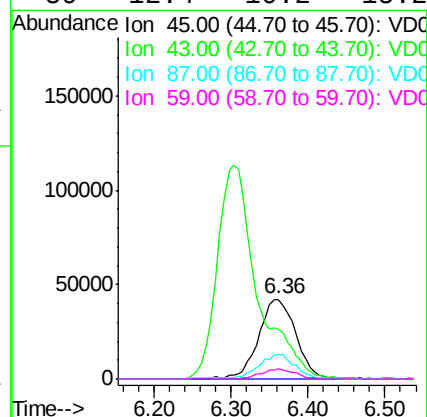
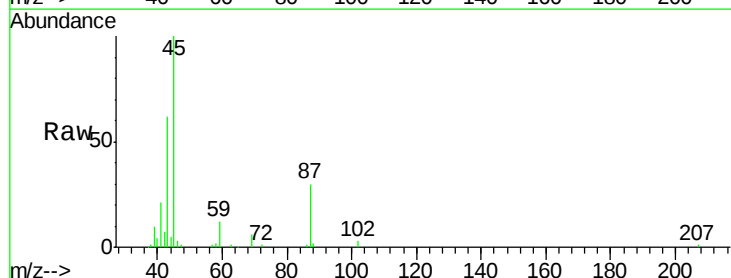
Ion Ratio Lower Upper

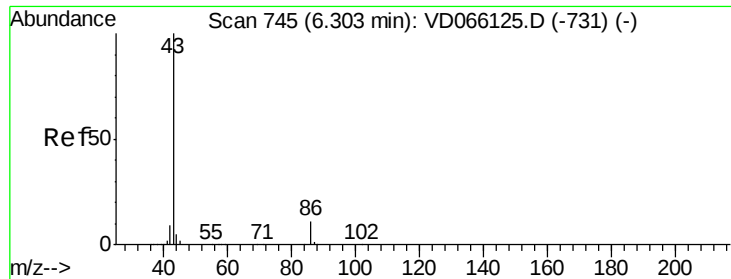
45 100

43 60.7 41.2 61.8

87 29.4 22.8 34.2

59 12.4 10.2 15.2

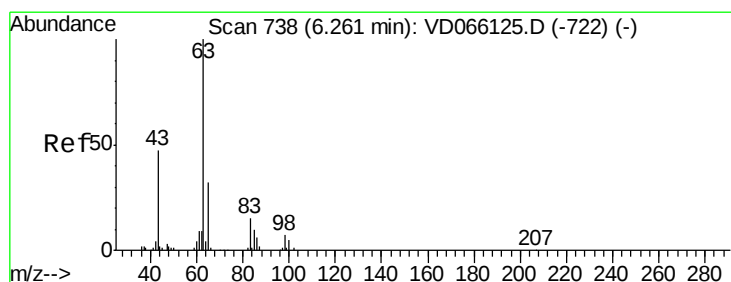
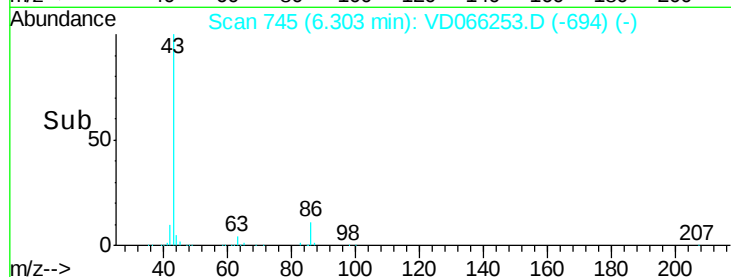
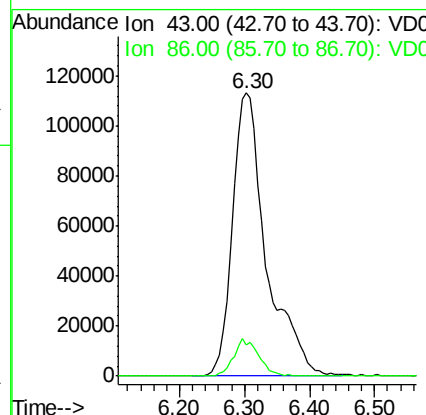
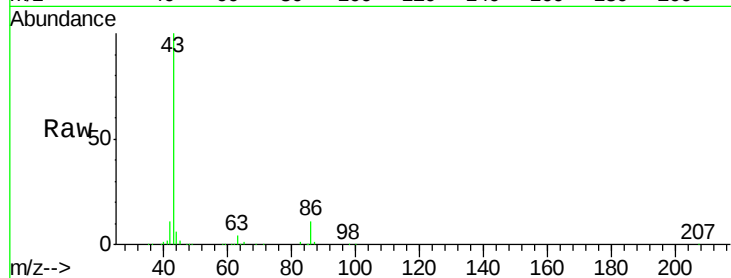




#23
 Vinyl Acetate
 Concen: 90.133 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

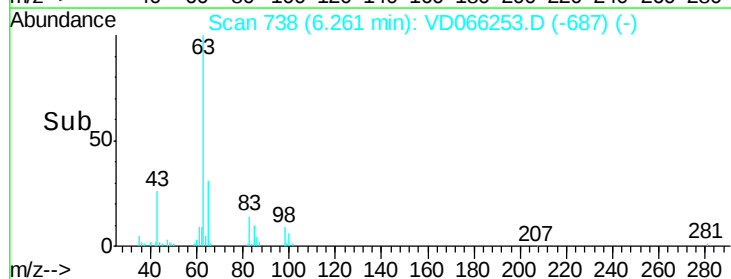
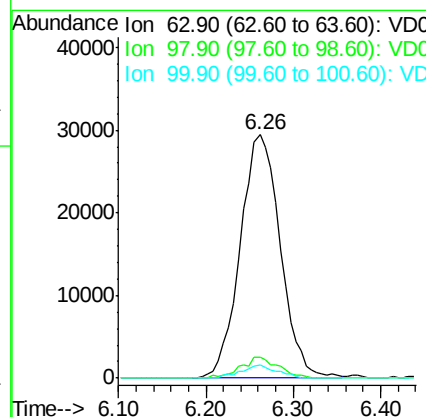
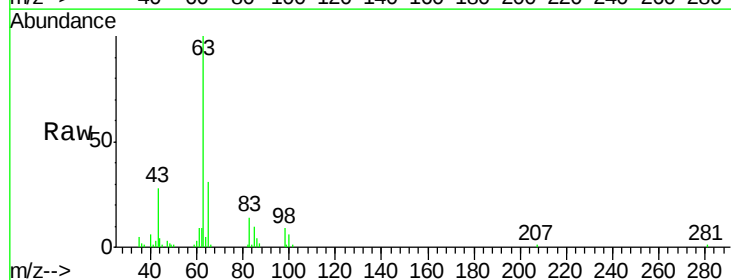
Instrument :
 MSVOA_N
 ClientSampleId :
 VD0817SBSD01

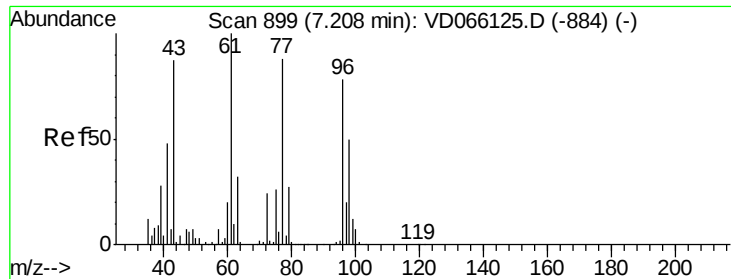
Tgt Ion: 43 Resp: 407028
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 19.190 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion: 63 Resp: 91544
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.5 10.5
 100 5.7 2.4 7.2





#25

2-Butanone

Concen: 86.995 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

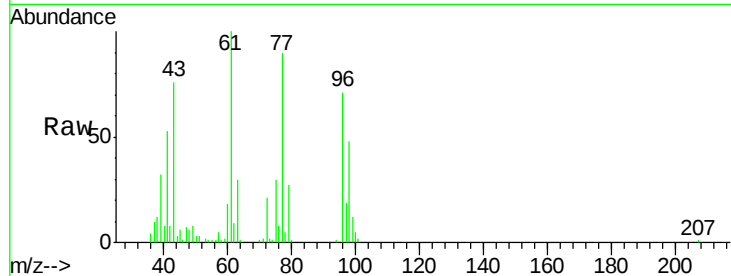
VD0817SBSD01

Tgt Ion: 43 Resp: 62929

Ion Ratio Lower Upper

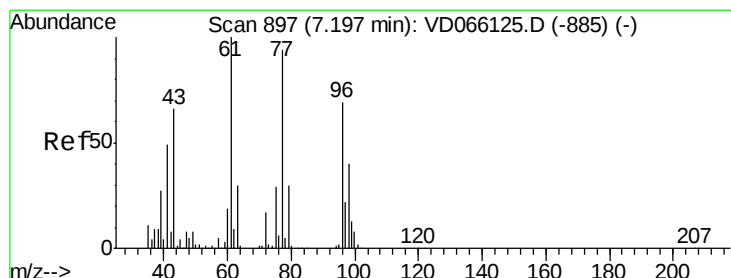
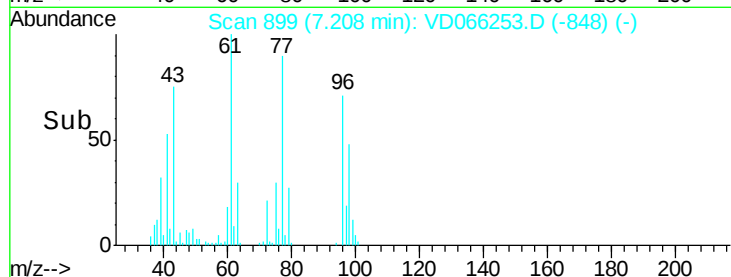
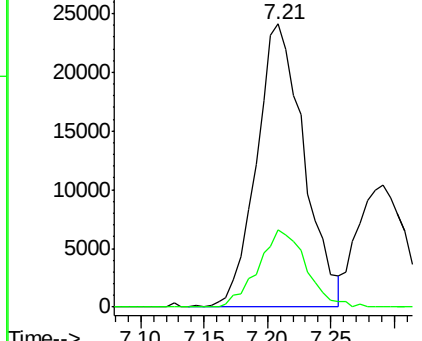
43 100

72 27.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 20.829 ug/l

RT: 7.20 min Scan# 897

Delta R.T. 0.00 min

Lab File: VD066253.D

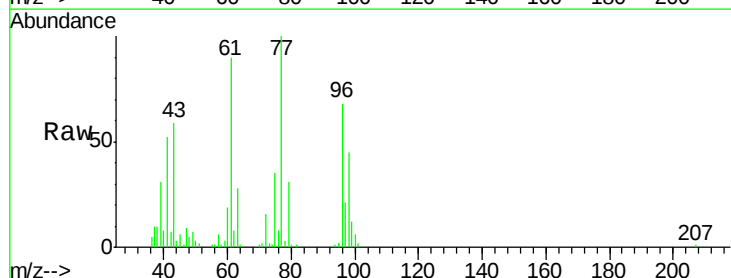
Acq: 17 Aug 2020 13:05

Tgt Ion: 77 Resp: 89057

Ion Ratio Lower Upper

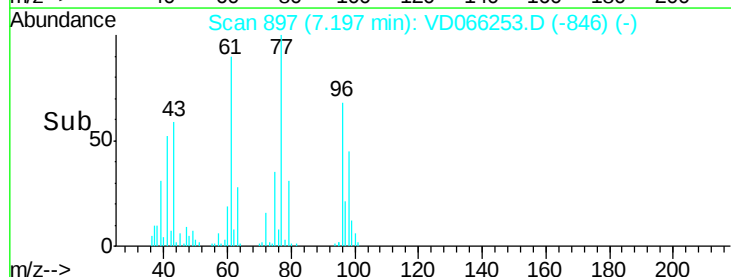
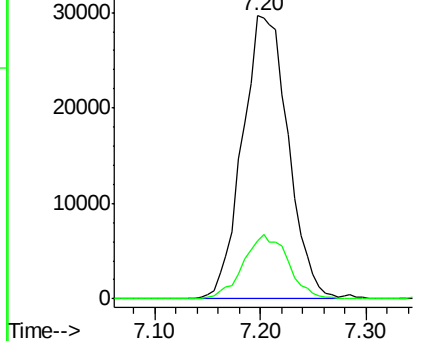
77 100

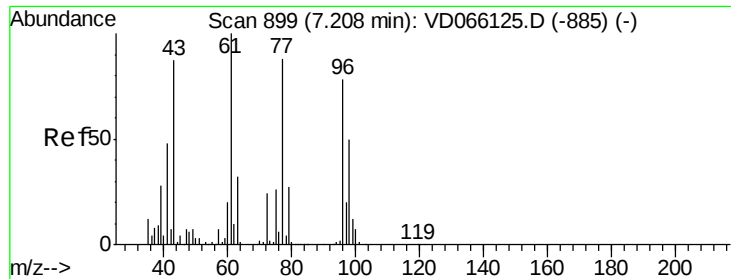
97 22.3 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



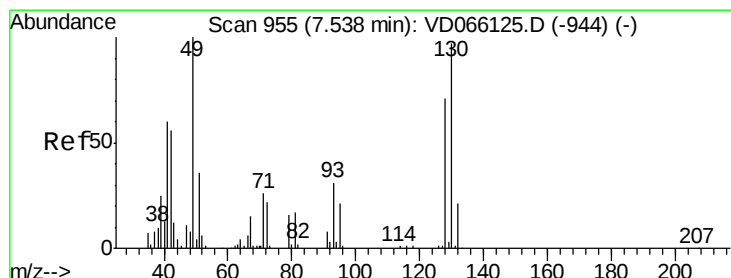
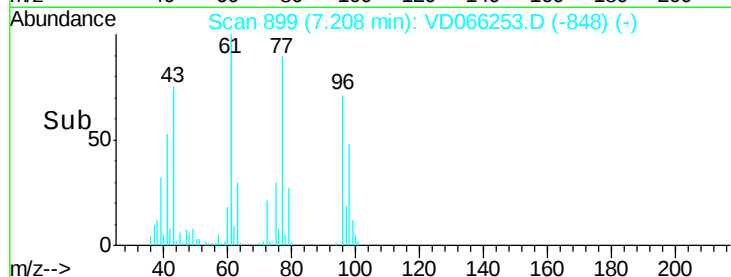
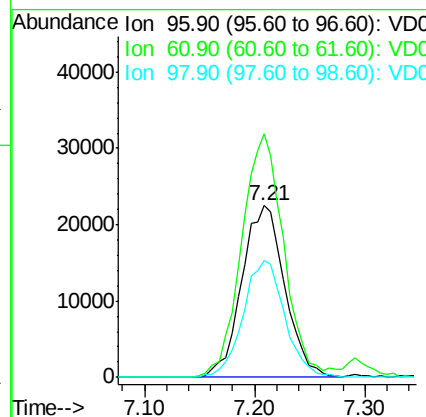
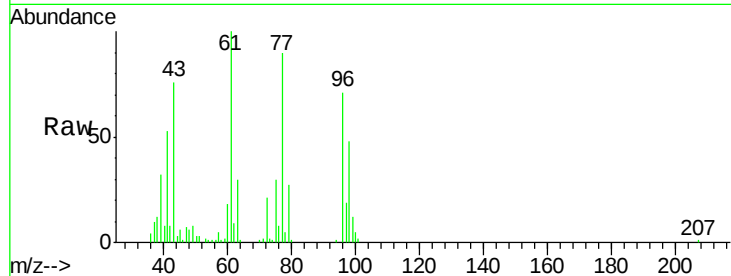


#27

cis-1,2-Dichloroethene
 Concen: 19.808 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VD0817SBSD01

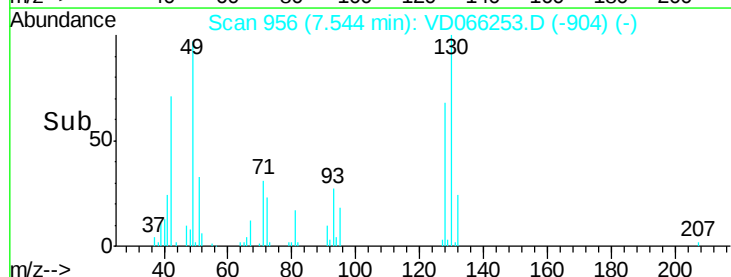
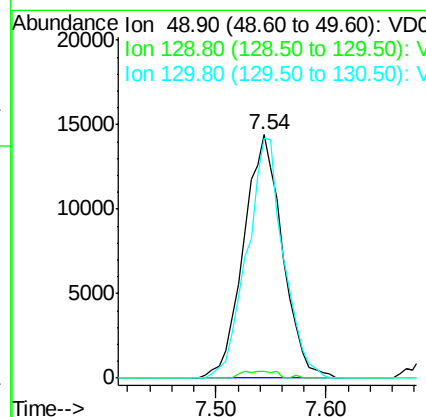
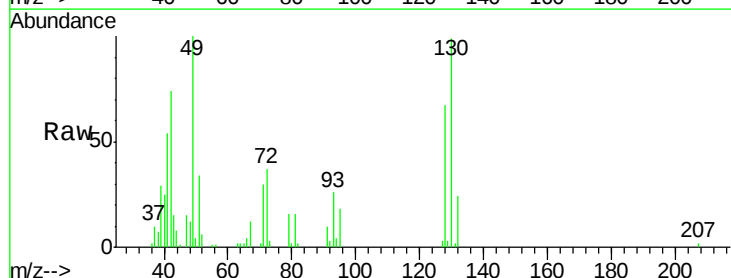
Tgt Ion: 96 Resp: 61410
 Ion Ratio Lower Upper
 96 100
 61 139.4 0.0 281.6
 98 66.0 0.0 130.8

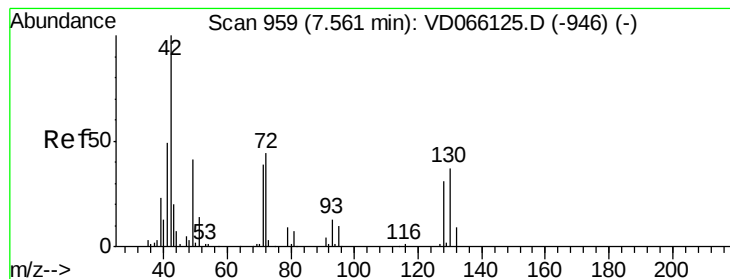


#28

Bromochloromethane
 Concen: 21.246 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.01 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion: 49 Resp: 35597
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 6.0
 130 92.8 73.8 110.6





#29

Tetrahydrofuran

Concen: 86.666 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VD0817SBSD01

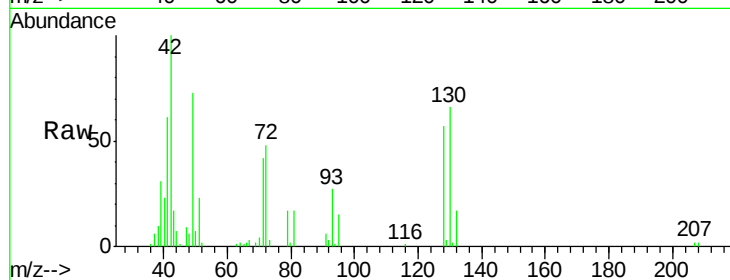
Tgt Ion: 42 Resp: 38841

Ion Ratio Lower Upper

42 100

72 45.3 34.8 52.2

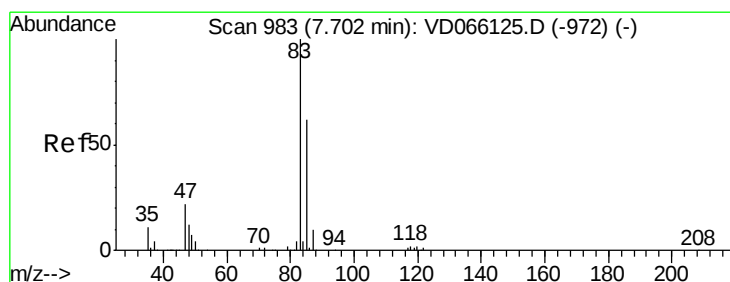
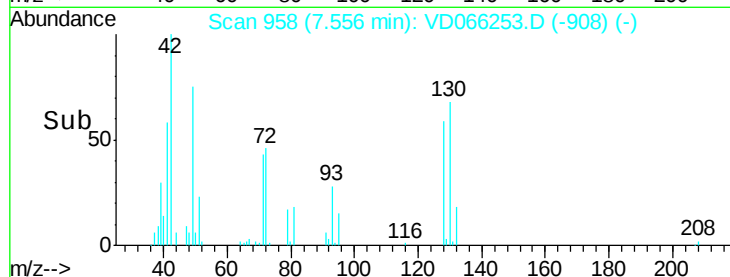
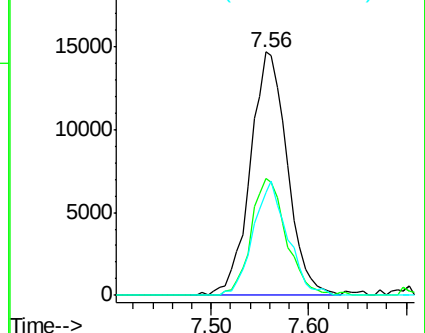
71 43.5 33.5 50.3



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: 19.912 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.01 min

Lab File: VD066253.D

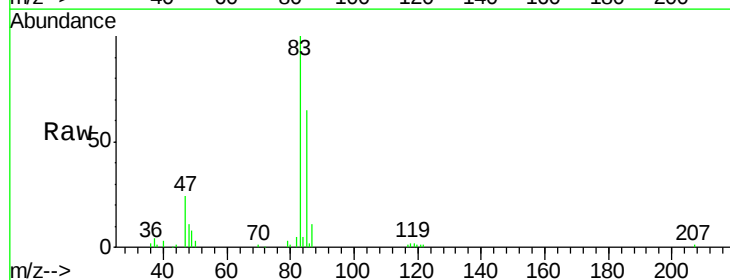
Acq: 17 Aug 2020 13:05

Tgt Ion: 83 Resp: 99739

Ion Ratio Lower Upper

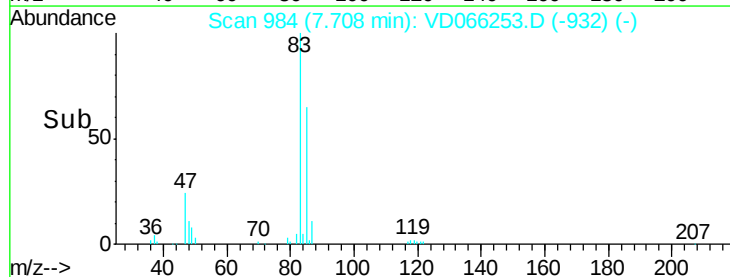
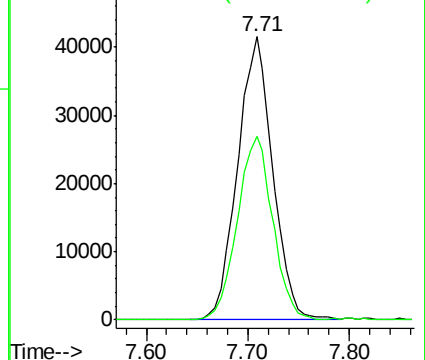
83 100

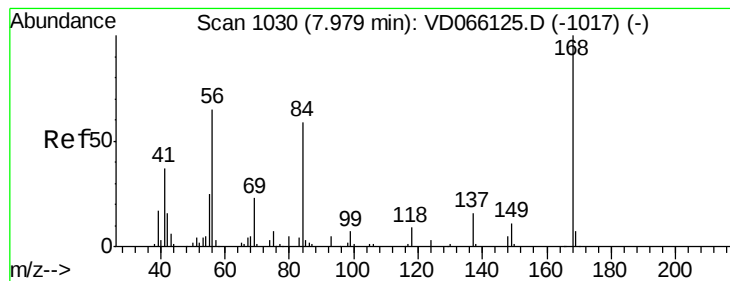
85 64.7 49.5 74.3



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 18.521 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VD0817SBSD01

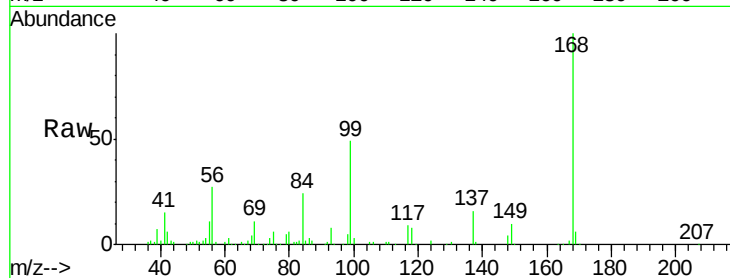
Tgt Ion: 56 Resp: 84103

Ion Ratio Lower Upper

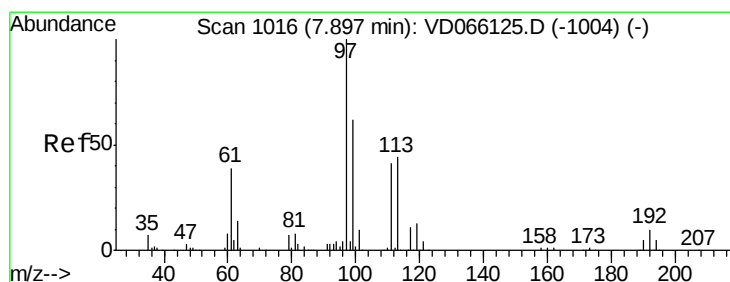
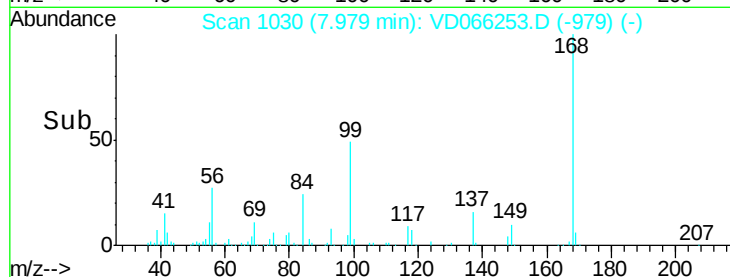
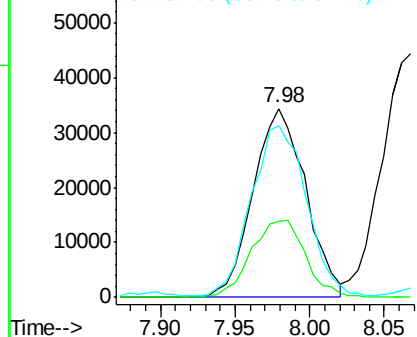
56 100

69 40.4 28.8 43.2

84 90.1 73.0 109.6



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



#32

1,1,1-Trichloroethane

Concen: 20.485 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

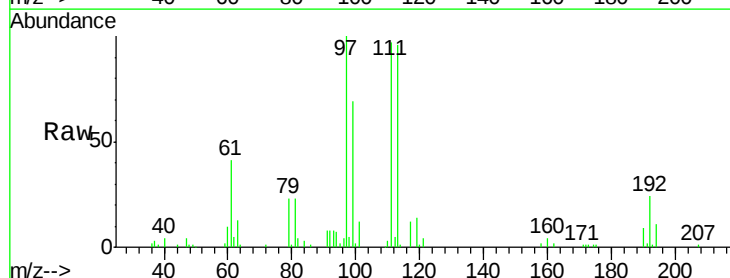
Tgt Ion: 97 Resp: 96212

Ion Ratio Lower Upper

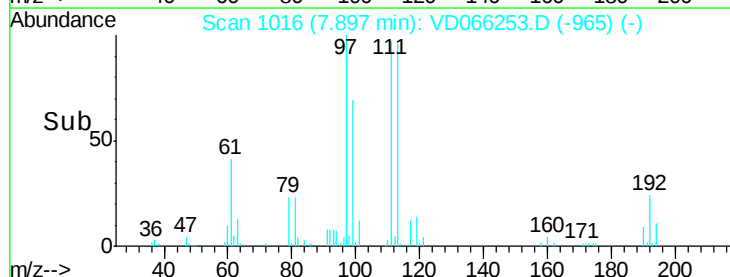
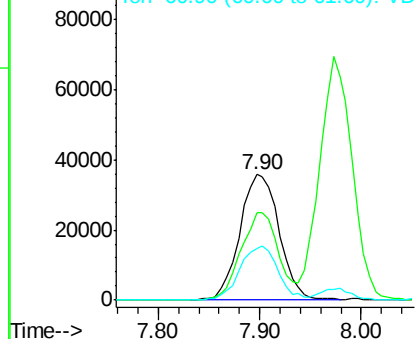
97 100

99 67.3 51.1 76.7

61 41.8 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

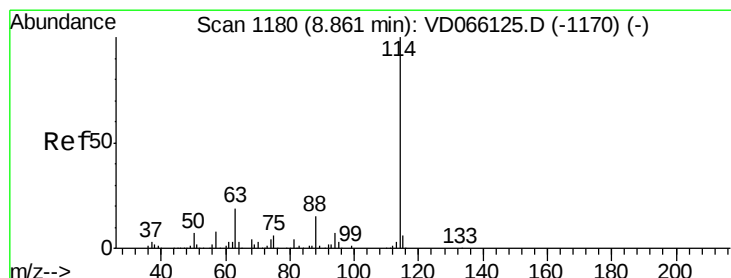
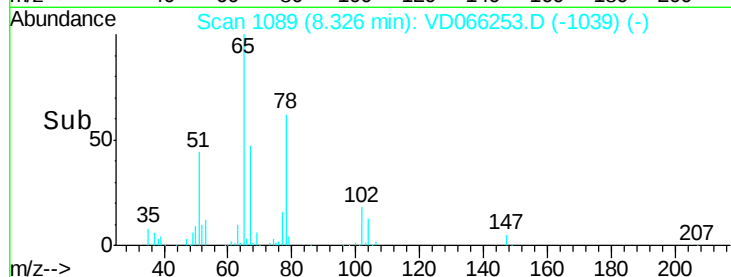
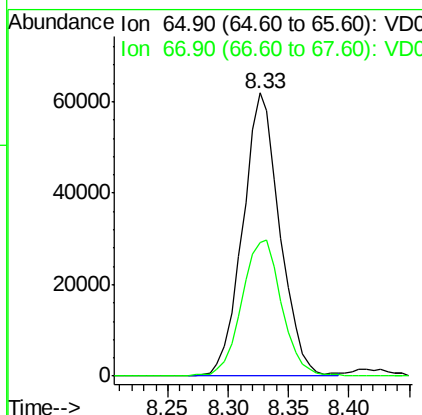
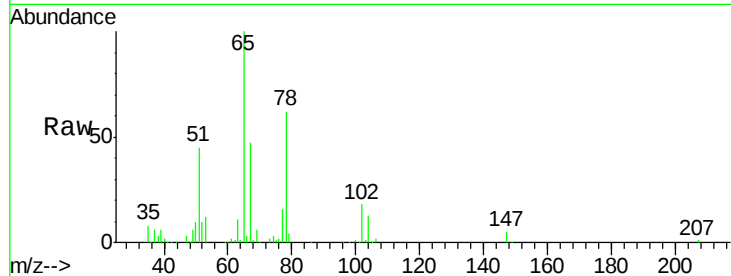




#33
 1,2-Dichloroethane-d4
 Concen: 51.060 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

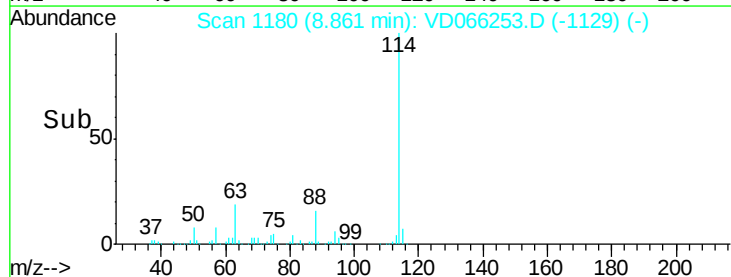
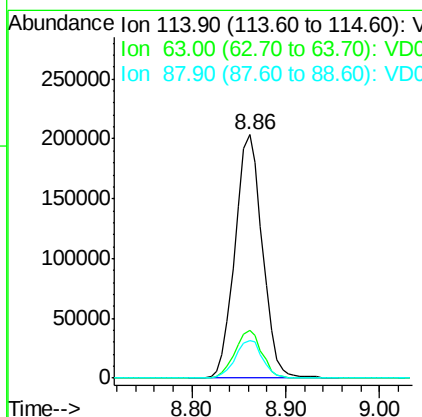
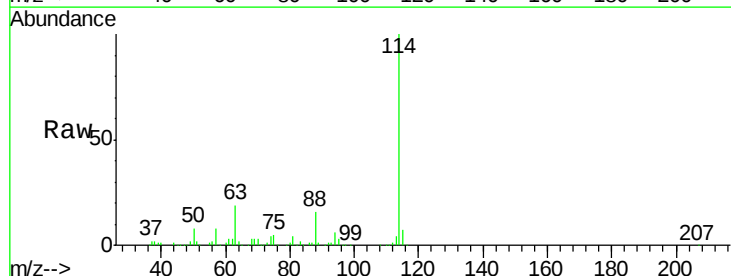
Instrument :
 MSVOA_N
 ClientSampleId :
 VD0817SBSD01

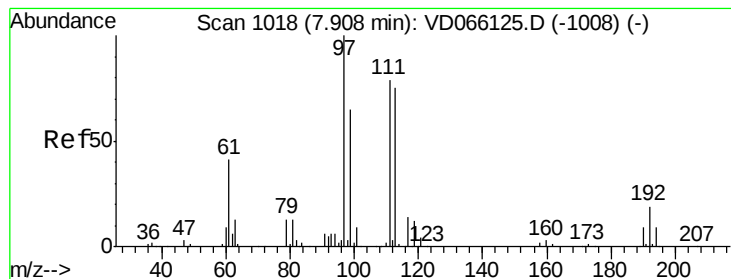
Tgt Ion: 65 Resp: 132348
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion: 114 Resp: 412049
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.882 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VD0817SBS01

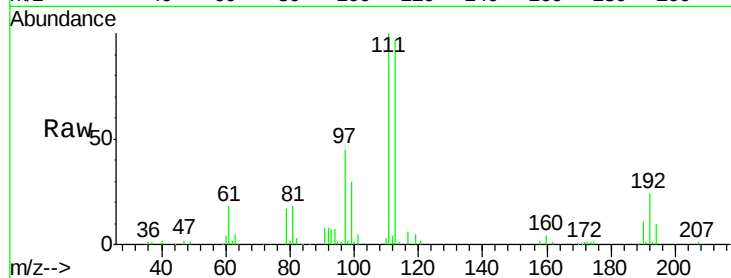
Tgt Ion: 113 Resp: 138037

Ion Ratio Lower Upper

113 100

111 100.4 80.7 121.1

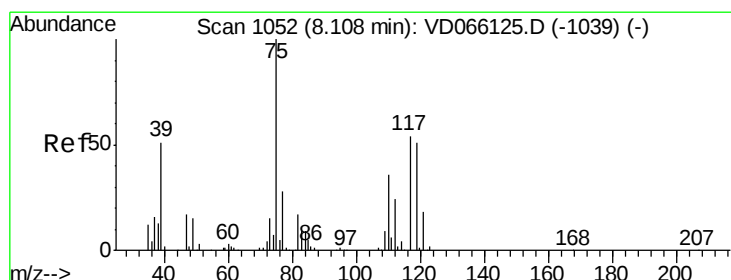
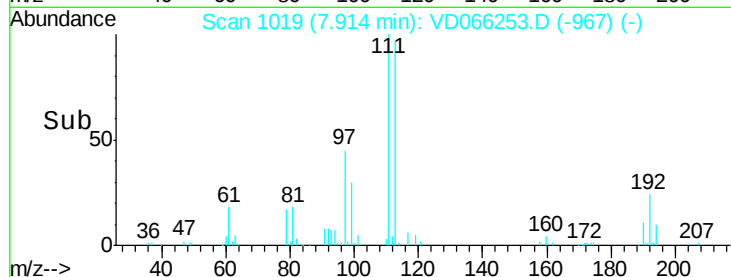
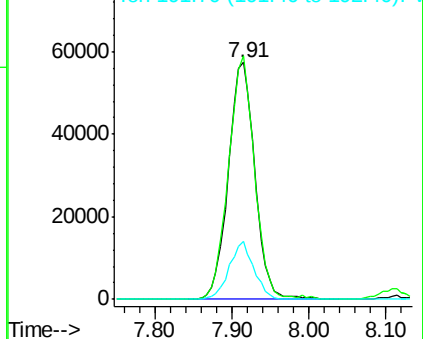
192 22.8 18.4 27.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.517 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

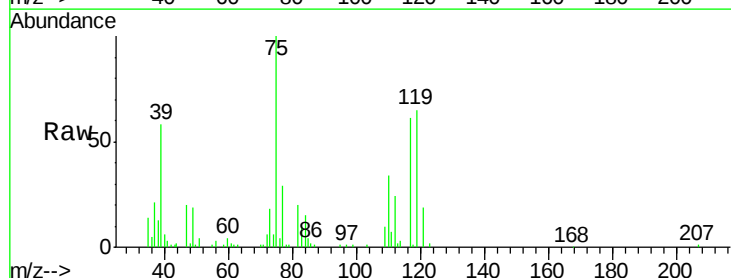
Tgt Ion: 75 Resp: 79440

Ion Ratio Lower Upper

75 100

110 36.0 18.8 56.3

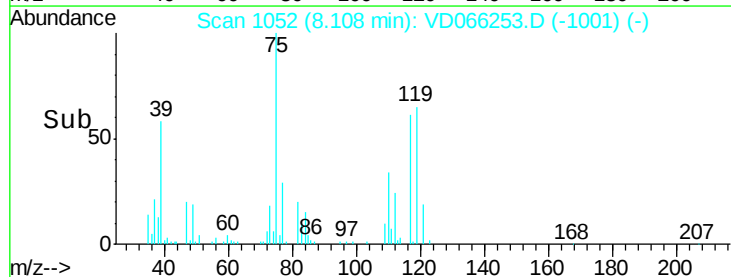
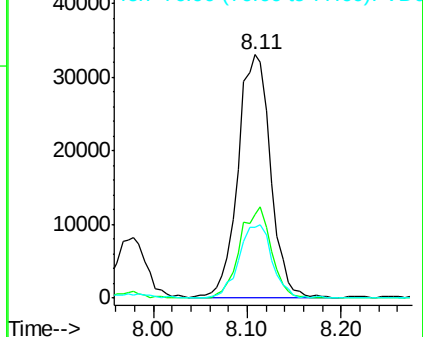
77 30.5 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

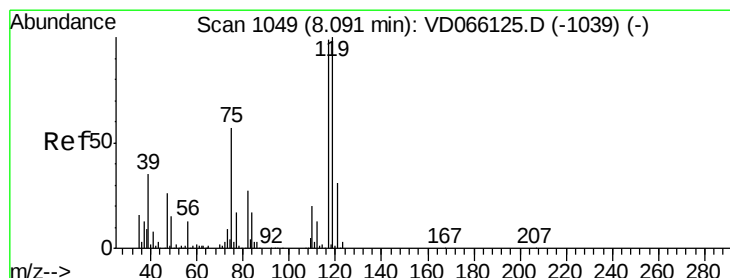
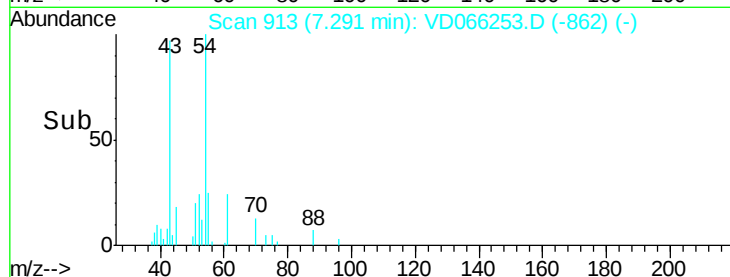
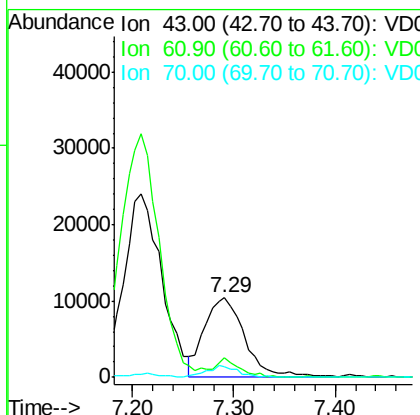
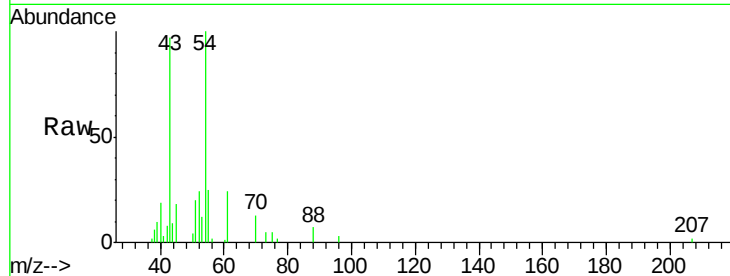




#37
 Ethyl Acetate
 Concen: 18.934 ug/l
 RT: 7.29 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

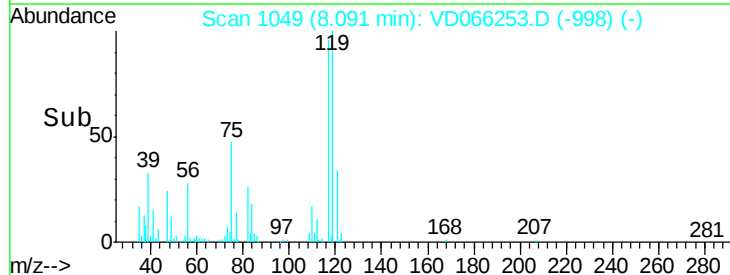
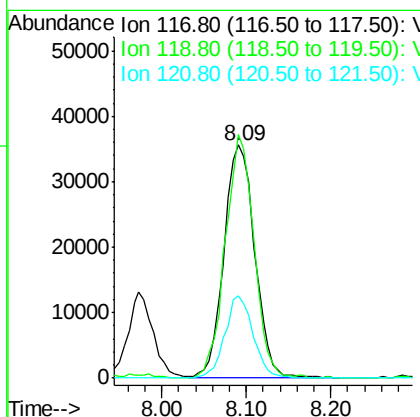
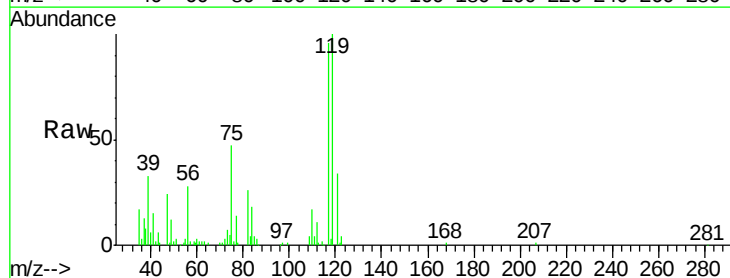
Instrument :
 MSVOA_N
 ClientSampleId :
 VD0817SBSD01

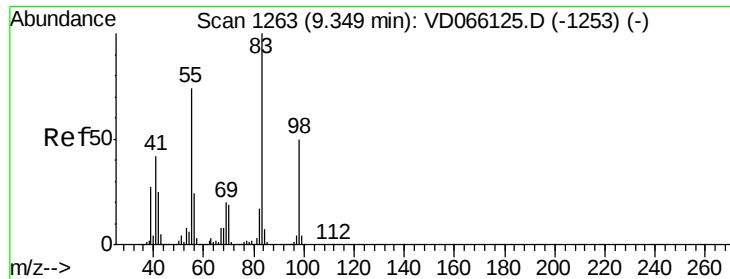
Tgt Ion: 43 Resp: 29047
 Ion Ratio Lower Upper
 43 100
 61 14.2 12.0 18.0
 70 10.9 9.7 14.5



#38
 Carbon Tetrachloride
 Concen: 20.843 ug/l
 RT: 8.09 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion: 117 Resp: 89997
 Ion Ratio Lower Upper
 117 100
 119 104.5 81.0 121.4
 121 35.2 24.8 37.2

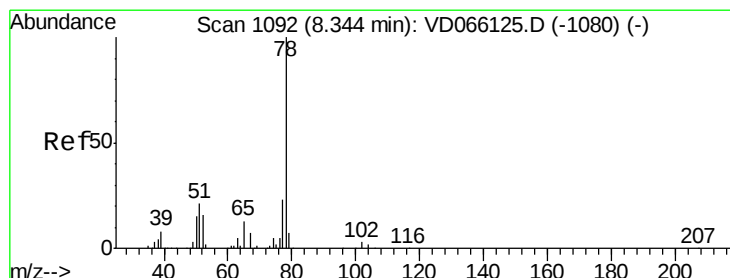
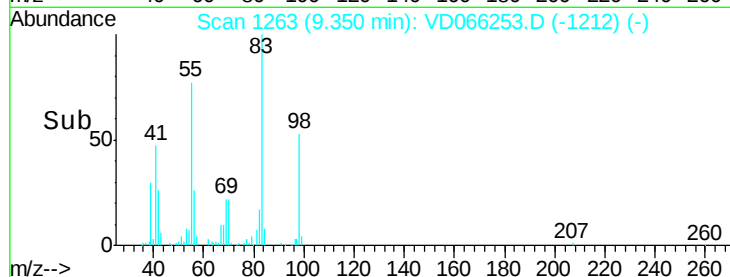
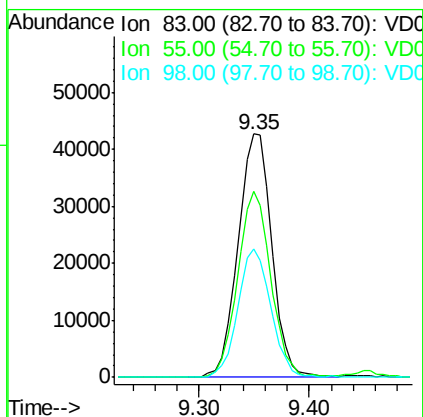
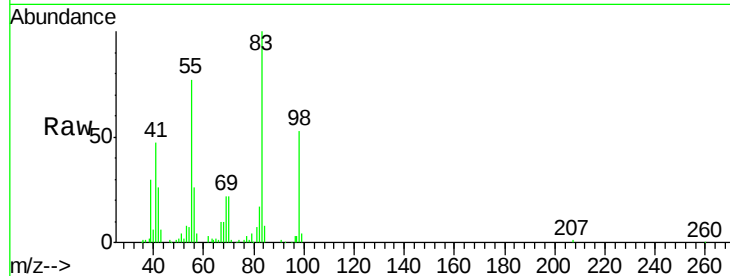




#39
Methylcyclohexane
Concen: 19.584 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

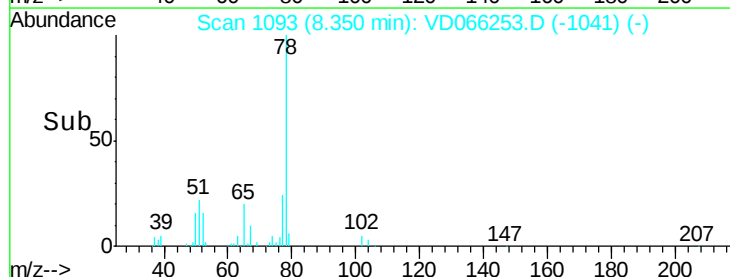
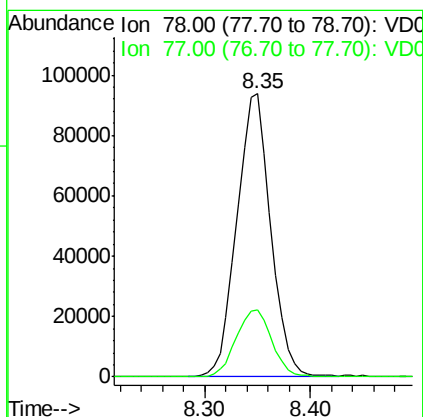
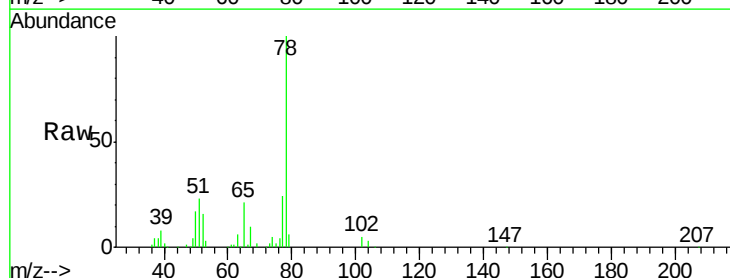
Instrument :
MSVOA_N
ClientSampleId :
VD0817SBSD01

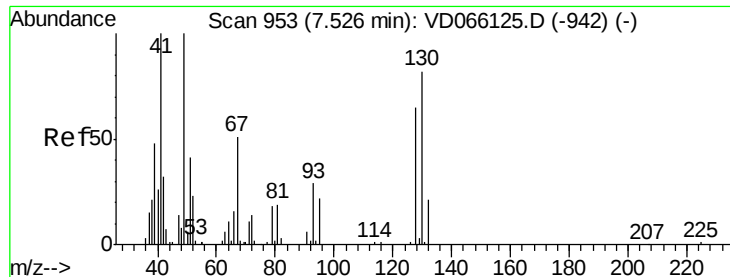
Tgt Ion: 83 Resp: 91668
Ion Ratio Lower Upper
83 100
55 76.6 59.2 88.8
98 52.7 39.8 59.6



#40
Benzene
Concen: 19.440 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion: 78 Resp: 208808
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41

Methacrylonitrile

Concen: 17.855 ug/l

RT: 7.51 min Scan# 951

Delta R.T. -0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VD0817SBSD01

Tgt Ion: 41 Resp: 16106

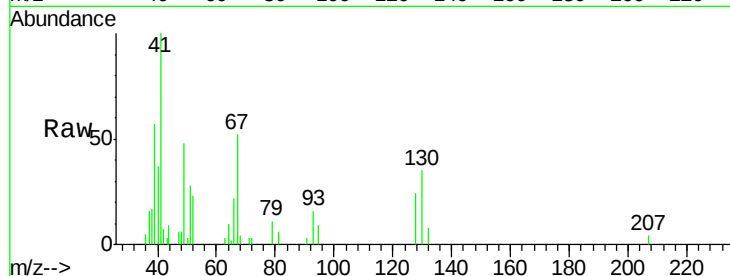
Ion Ratio Lower Upper

41 100

39 52.7 47.5 71.3

67 77.1 59.1 88.7

52 36.0 25.4 38.0

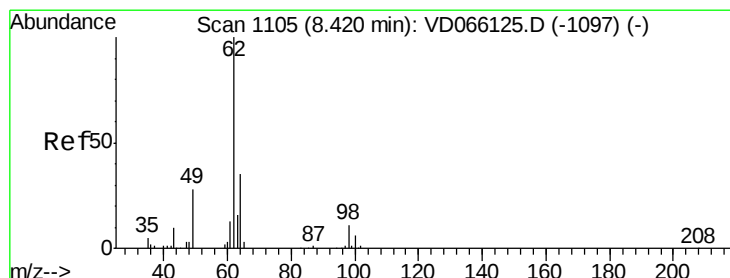
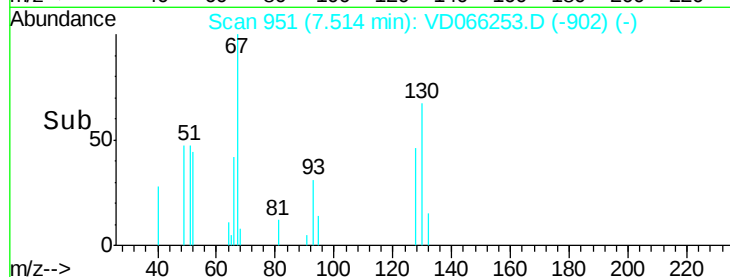
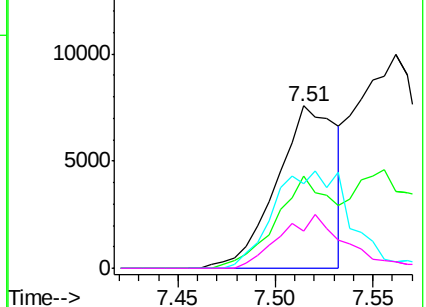


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 20.591 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066253.D

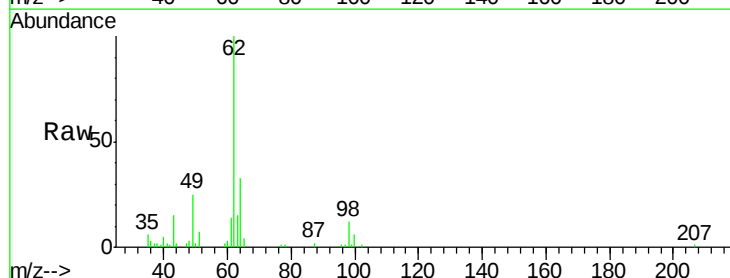
Acq: 17 Aug 2020 13:05

Tgt Ion: 62 Resp: 64975

Ion Ratio Lower Upper

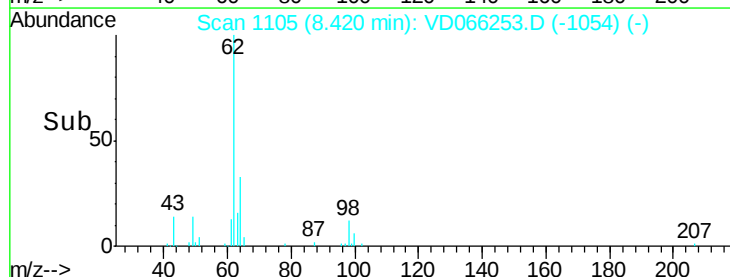
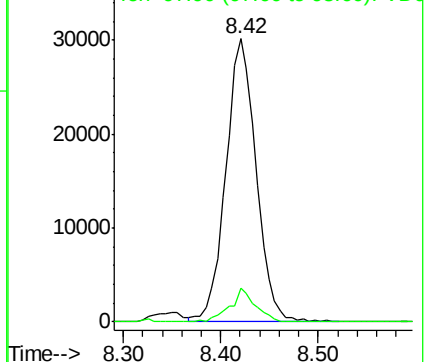
62 100

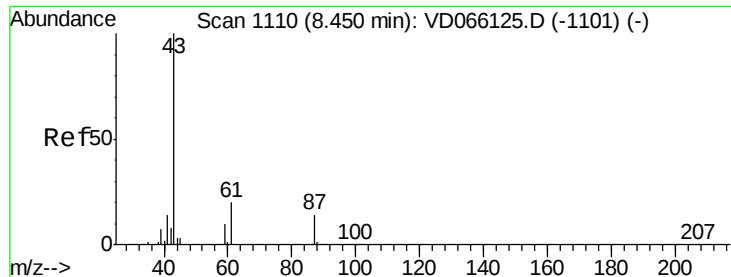
98 9.9 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 18.156 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VD0817SBSD01

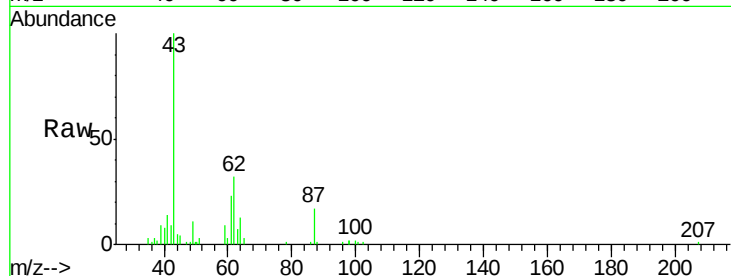
Tgt Ion: 43 Resp: 54881

Ion Ratio Lower Upper

43 100

61 31.0 25.5 38.3

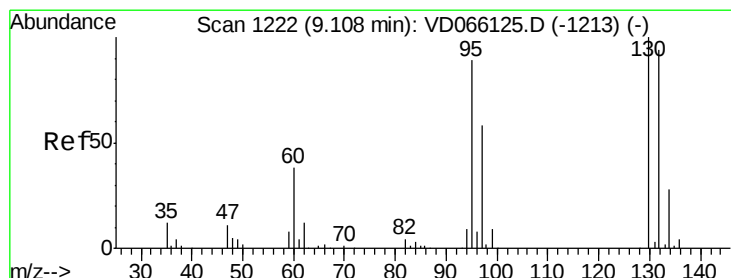
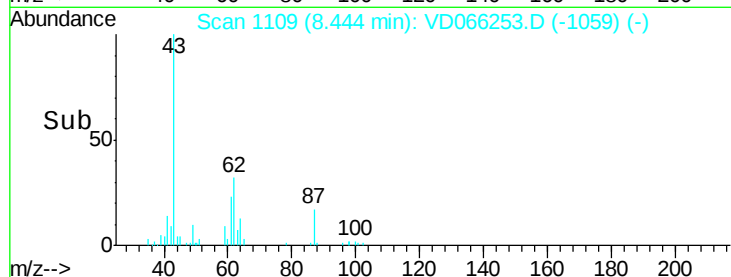
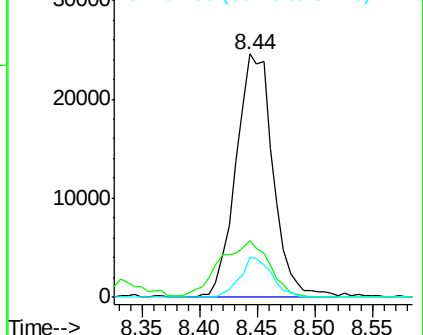
87 14.2 11.2 16.8



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: 20.413 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066253.D

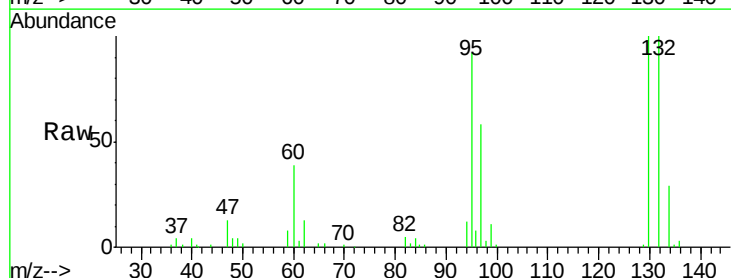
Acq: 17 Aug 2020 13:05

Tgt Ion: 130 Resp: 66071

Ion Ratio Lower Upper

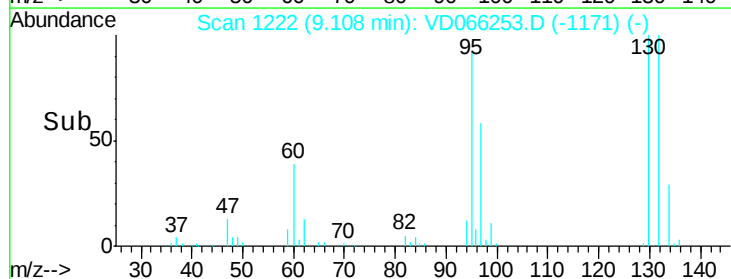
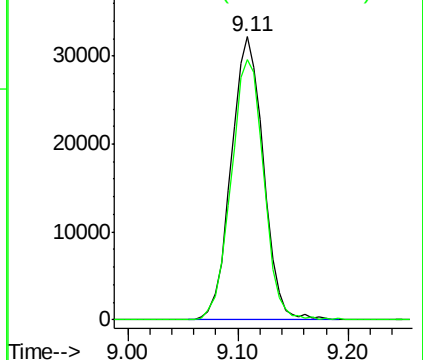
130 100

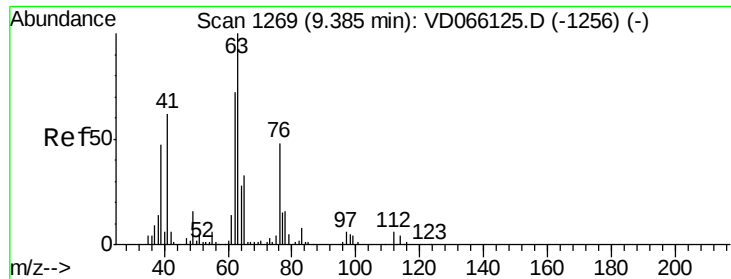
95 92.0 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 19.717 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

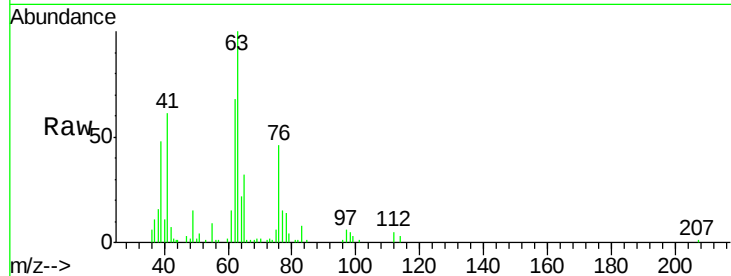
VD0817SBS01

Tgt Ion: 63 Resp: 51798

Ion Ratio Lower Upper

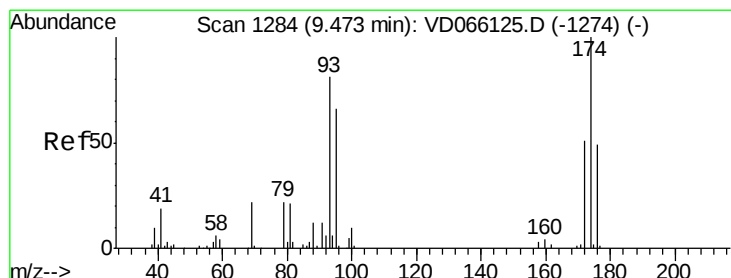
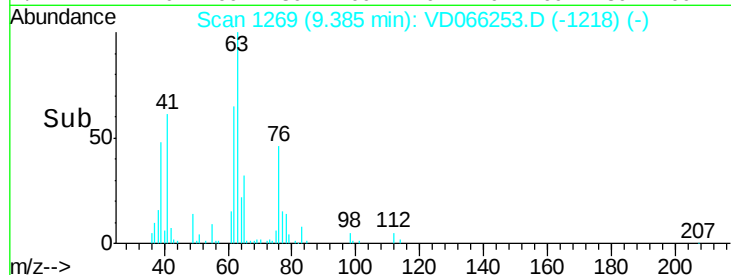
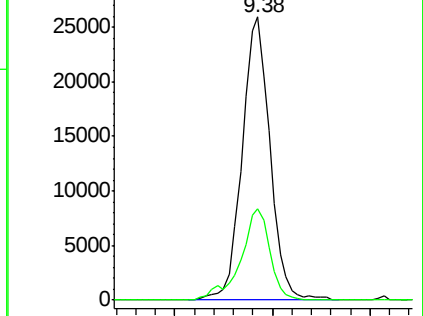
63 100

65 32.4 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 19.553 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

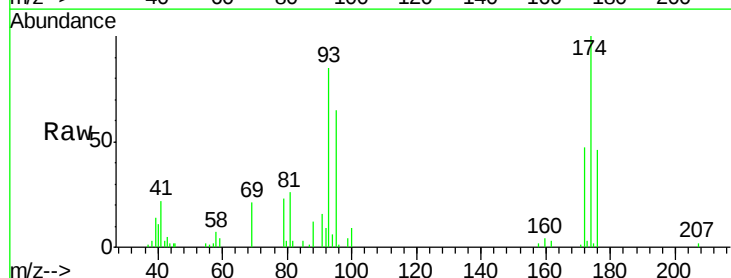
Tgt Ion: 93 Resp: 28294

Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.6

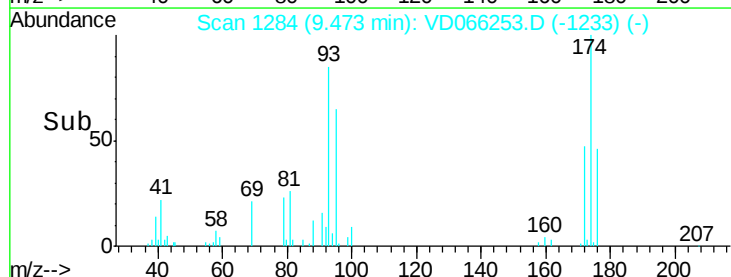
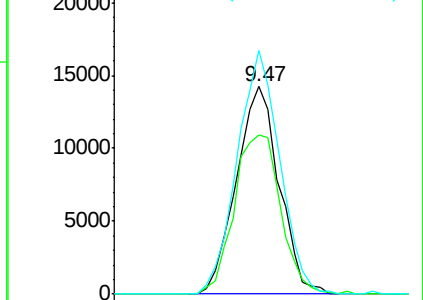
174 116.8 92.8 139.2

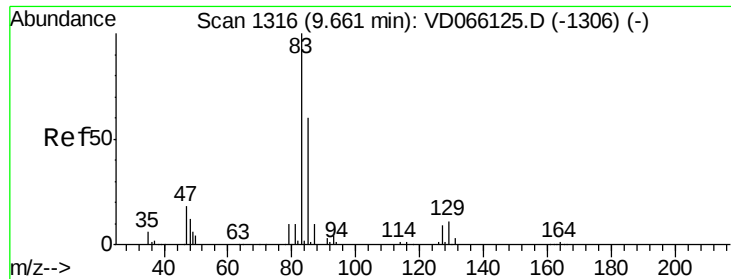


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 19.987 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VD0817SBSD01

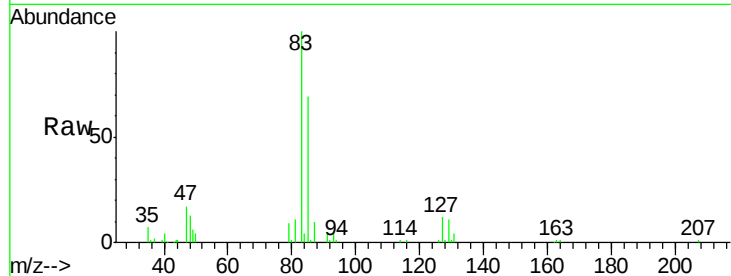
Tgt Ion: 83 Resp: 76441

Ion Ratio Lower Upper

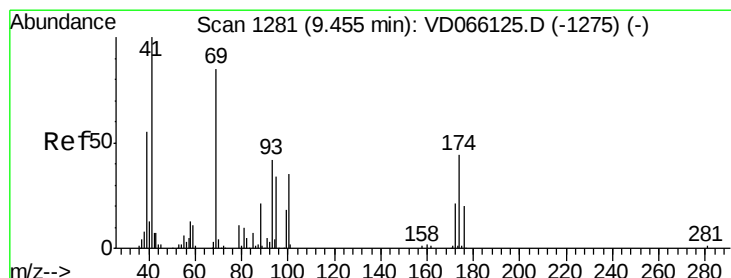
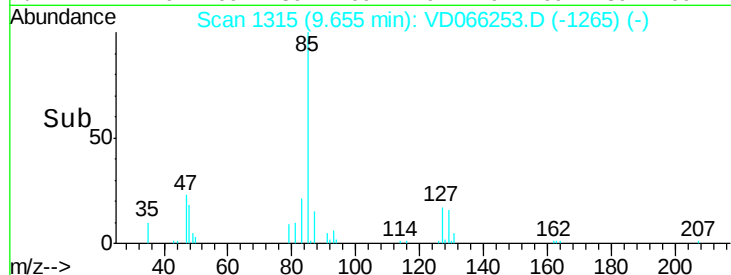
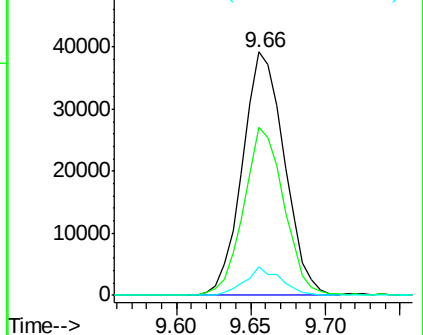
83 100

85 69.3 48.2 72.4

127 11.5 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): V



#48

Methyl methacrylate

Concen: 17.033 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

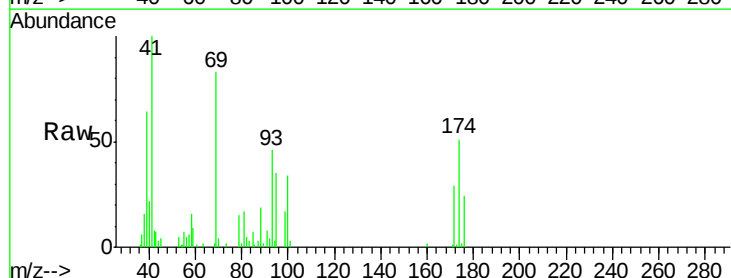
Tgt Ion: 41 Resp: 26289

Ion Ratio Lower Upper

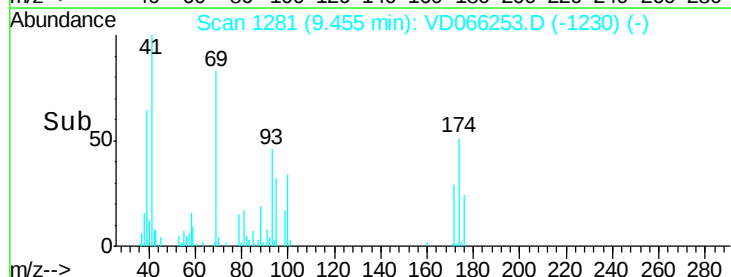
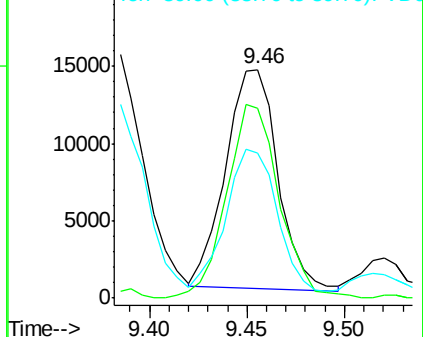
41 100

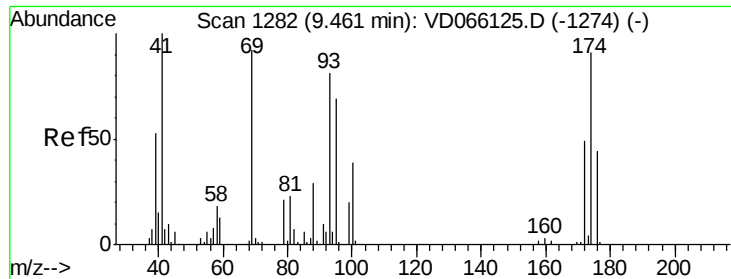
69 88.9 63.9 95.9

39 63.9 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

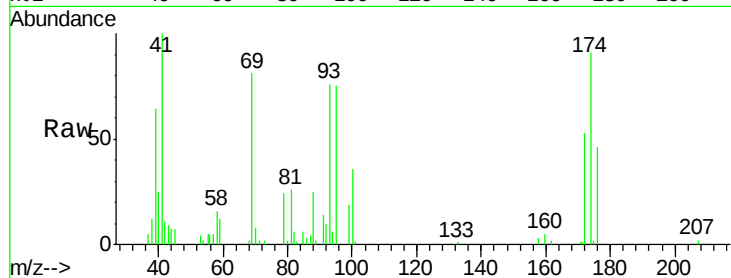




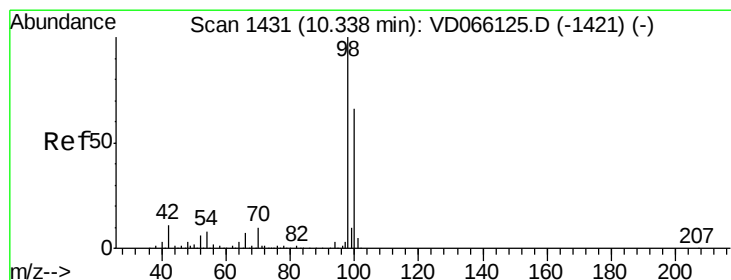
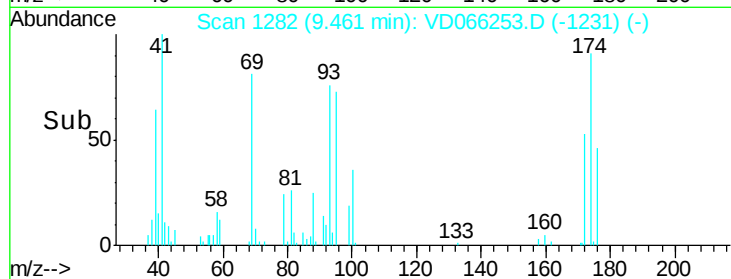
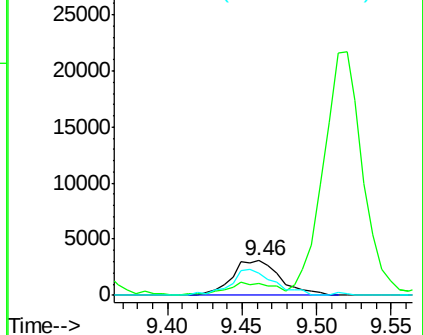
#49
 1,4-Dioxane
 Concen: 375.133 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VD0817SBSD01

Tgt Ion: 88 Resp: 6974
 Ion Ratio Lower Upper
 88 100
 43 37.2 27.5 41.3
 58 65.9 50.2 75.4

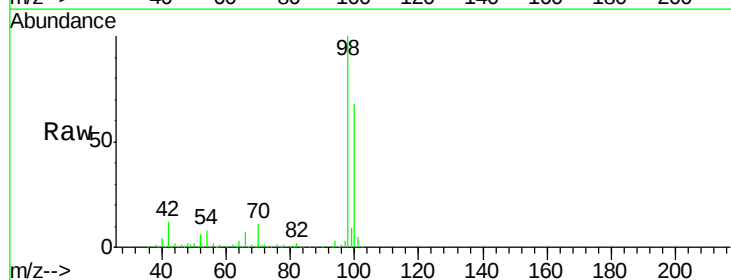


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

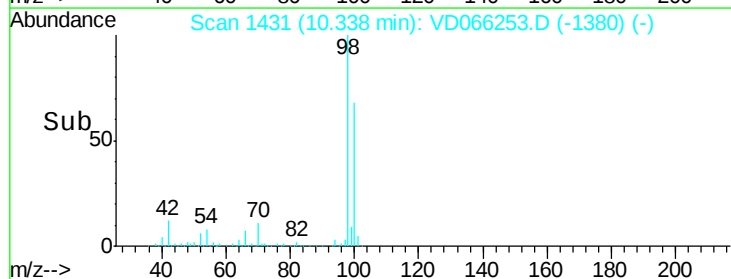
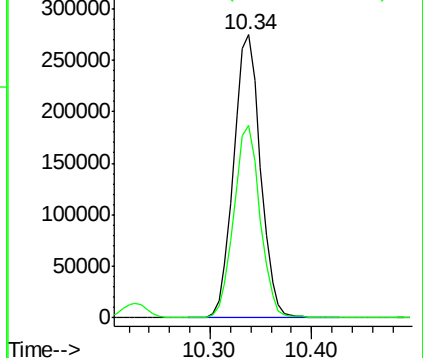


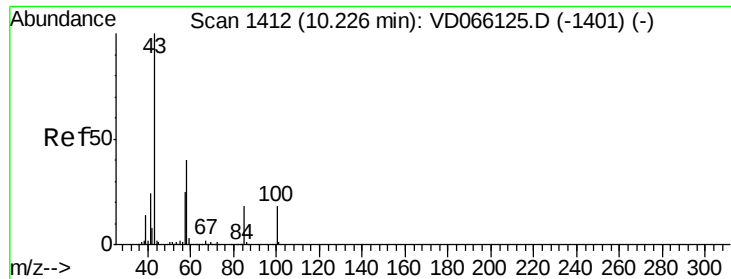
#50
 Toluene-d8
 Concen: 52.508 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion: 98 Resp: 505786
 Ion Ratio Lower Upper
 98 100
 100 66.7 52.6 78.8



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

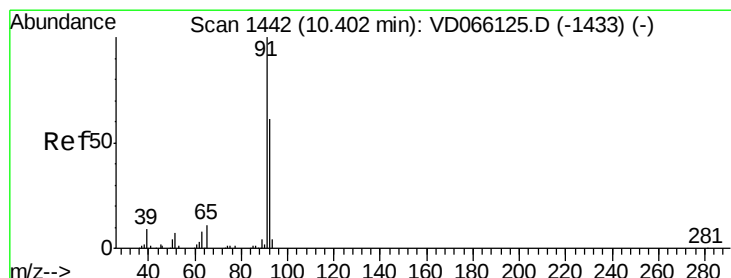
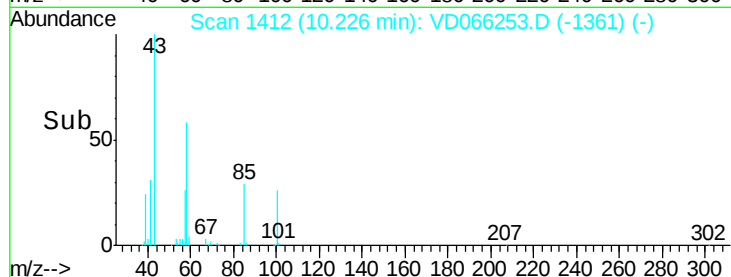
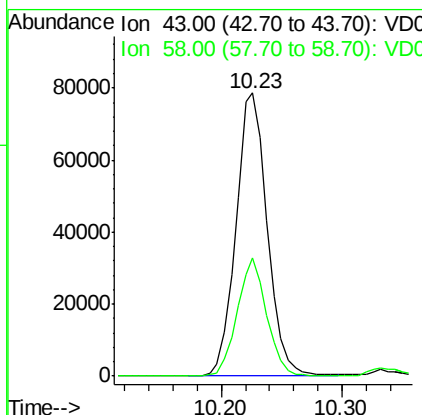
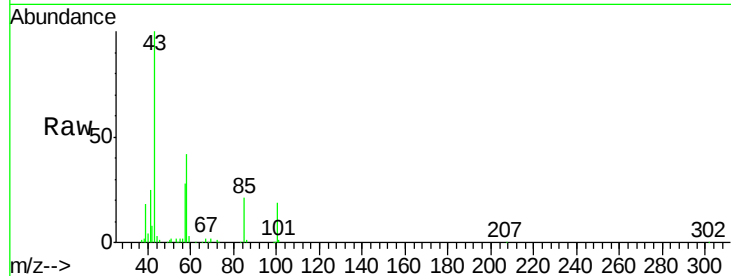




#51
 4-Methyl-2-Pentanone
 Concen: 91.204 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

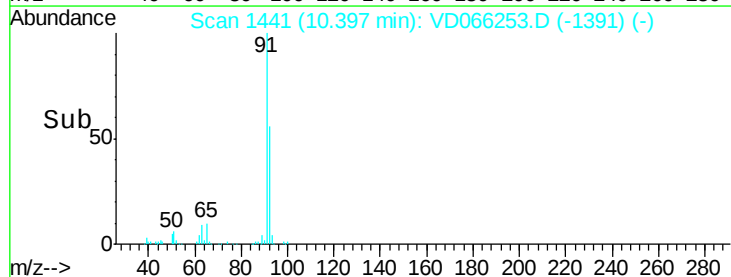
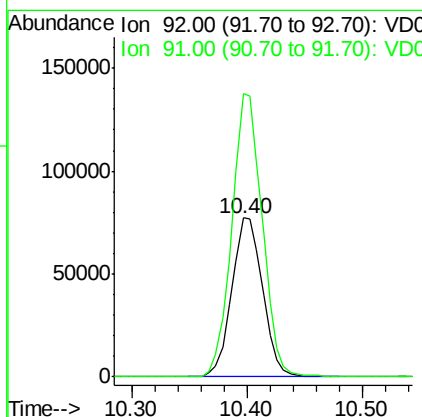
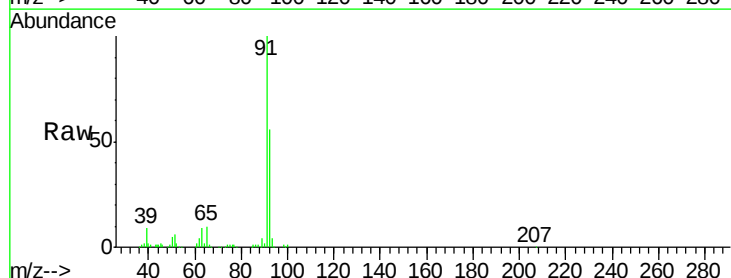
Instrument :
 MSVOA_N
 ClientSampleId :
 VD0817SBSD01

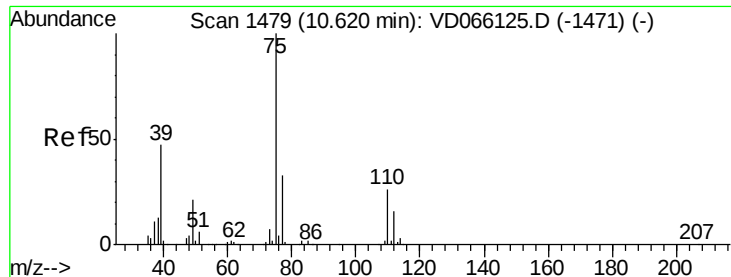
Tgt Ion: 43 Resp: 141608
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.1 46.7



#52
 Toluene
 Concen: 20.172 ug/l
 RT: 10.40 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion: 92 Resp: 142574
 Ion Ratio Lower Upper
 92 100
 91 175.6 135.2 202.8

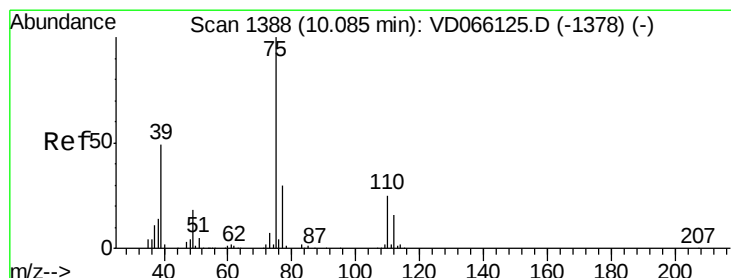
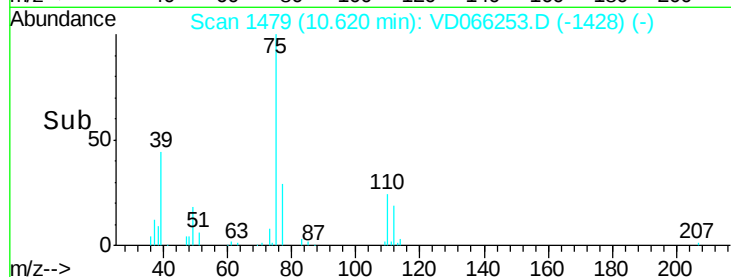
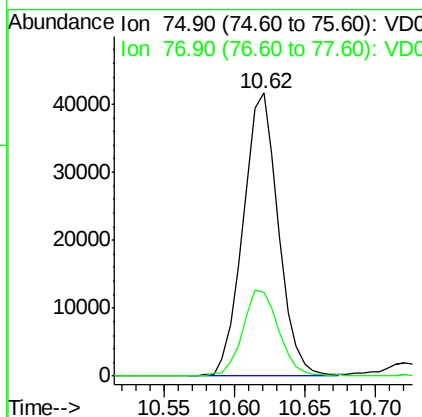
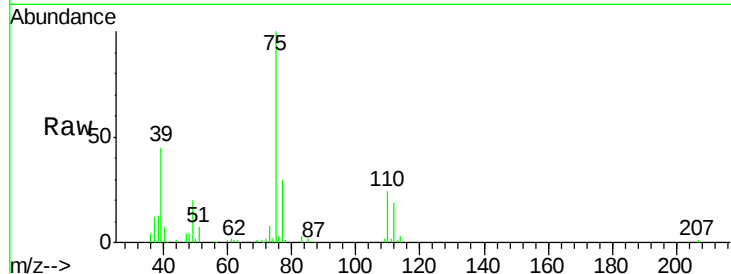




#53
 t-1,3-Dichloropropene
 Concen: 20.140 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

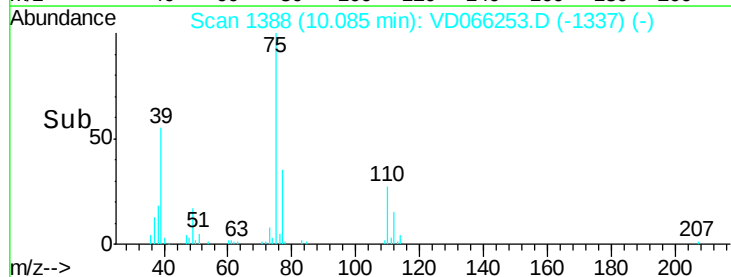
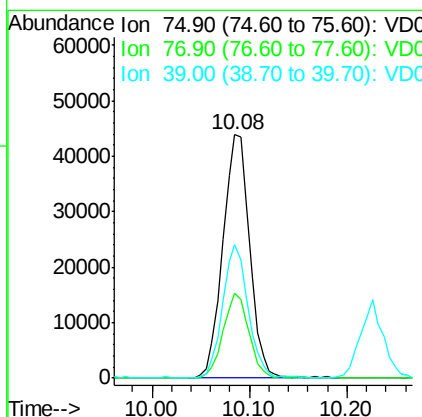
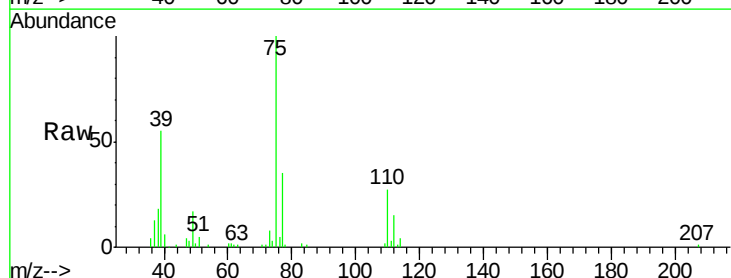
Instrument :
 MSVOA_N
 ClientSampleId :
 VD0817SBSD01

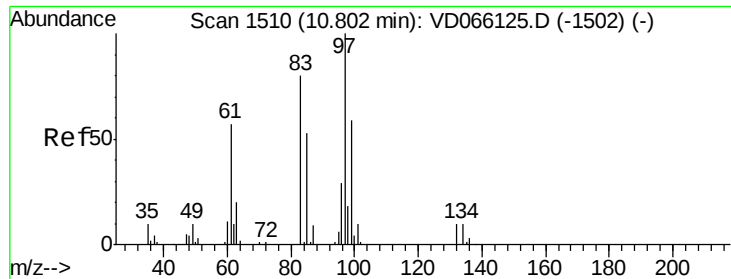
Tgt Ion: 75 Resp: 73097
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.699 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion: 75 Resp: 83768
 Ion Ratio Lower Upper
 75 100
 77 35.0 24.3 36.5
 39 54.8 39.3 58.9

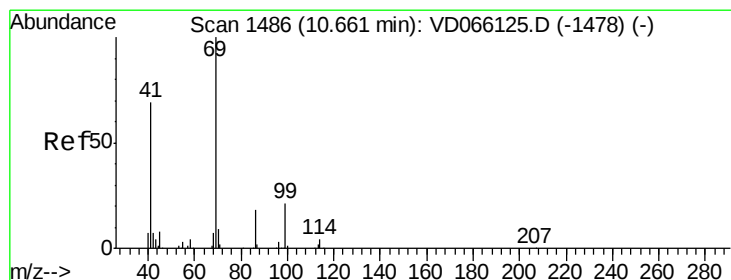
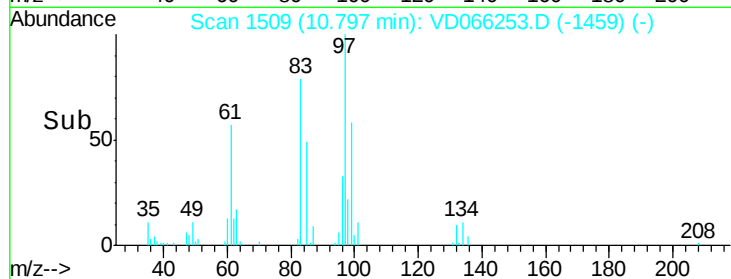
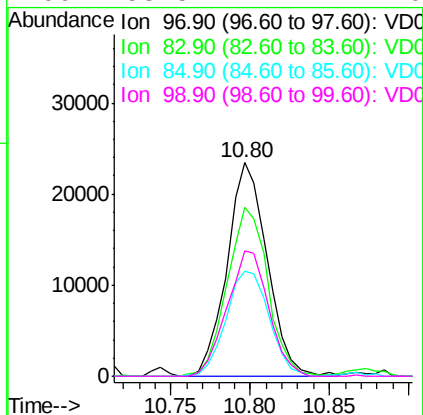
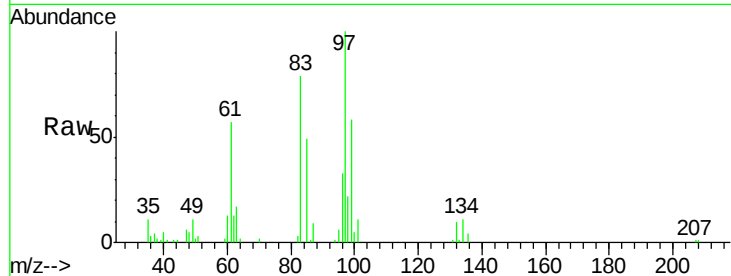




#55
 1,1,2-Trichloroethane
 Concen: 19.804 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

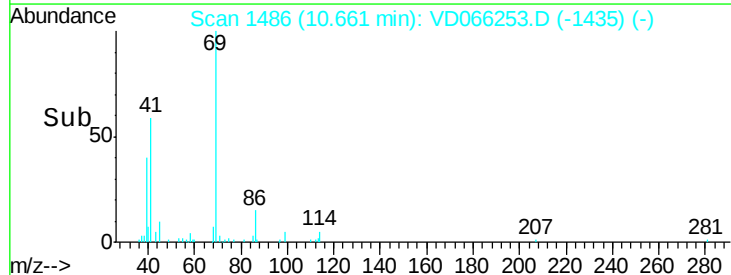
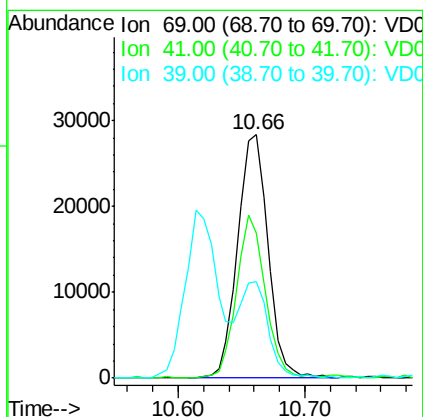
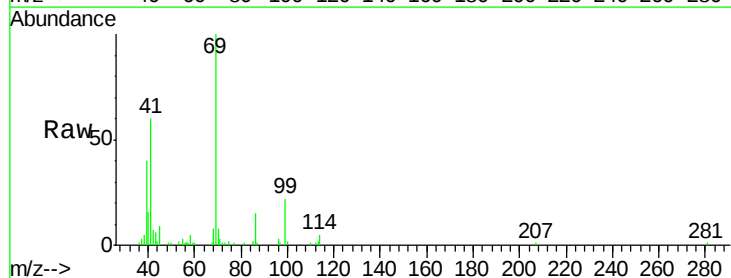
Instrument :
 MSVOA_N
 ClientSampleId :
 VD0817SBSD01

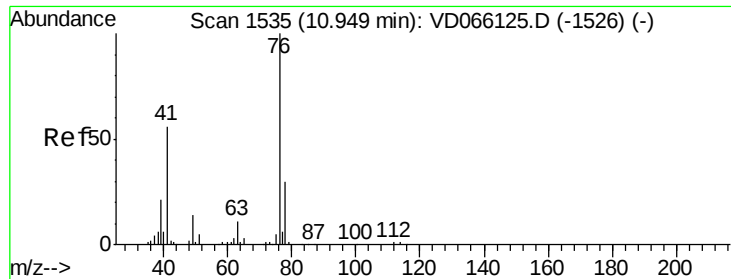
Tgt Ion:	97	Resp:	41265
Ion	Ratio	Lower	Upper
97	100		
83	78.2	63.9	95.9
85	48.5	42.5	63.7
99	58.5	47.4	71.0



#56
 Ethyl methacrylate
 Concen: 18.923 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion:	69	Resp:	47365
Ion	Ratio	Lower	Upper
69	100		
41	63.3	54.1	81.1
39	36.2	28.6	43.0

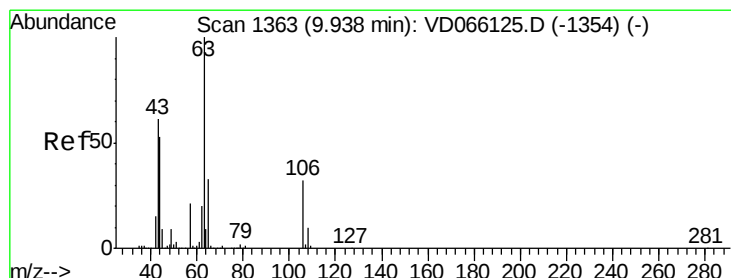
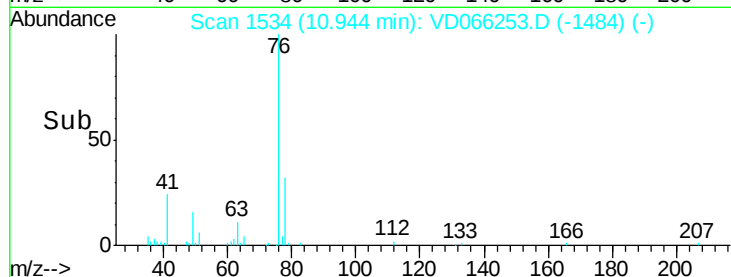
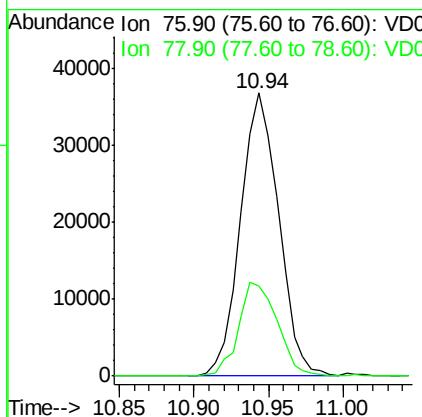
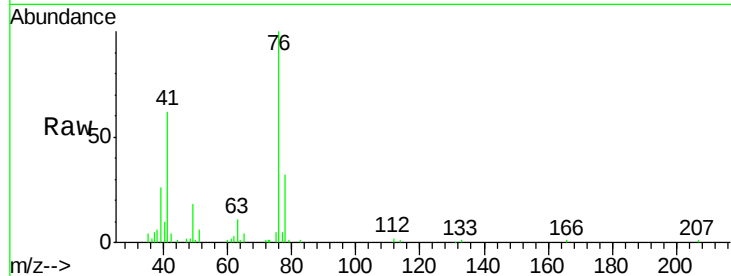




#57
 1,3-Dichloropropane
 Concen: 18.896 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

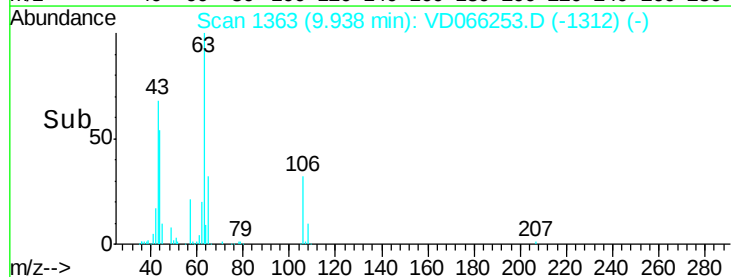
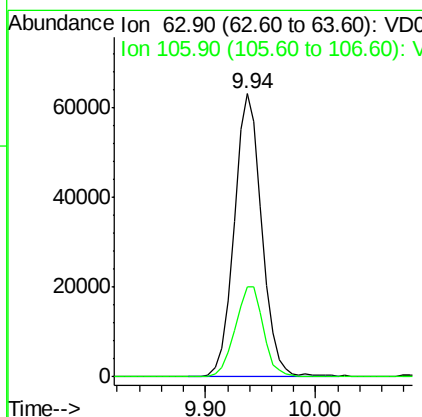
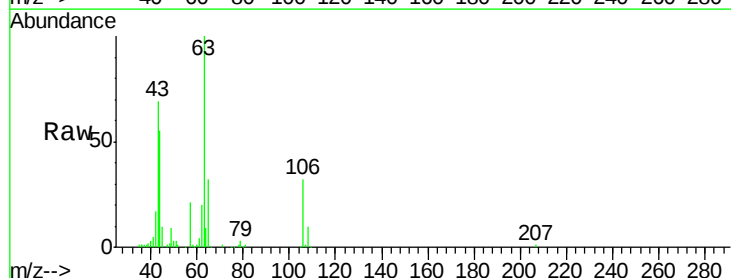
Instrument :
 MSVOA_N
 ClientSampleId :
 VD0817SBSD01

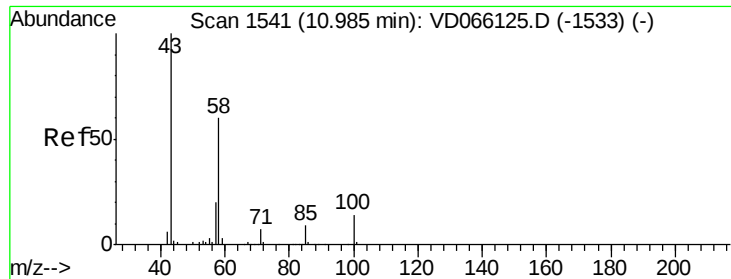
Tgt Ion: 76 Resp: 65364
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.124 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion: 63 Resp: 110480
 Ion Ratio Lower Upper
 63 100
 106 32.7 25.3 37.9

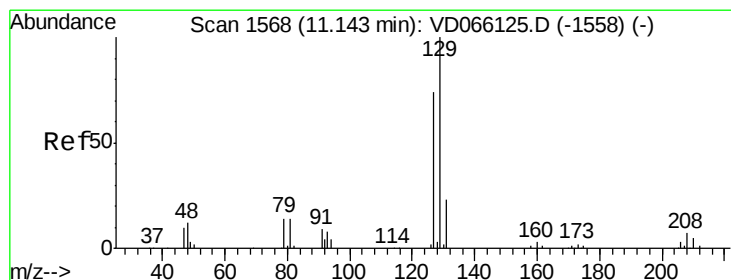
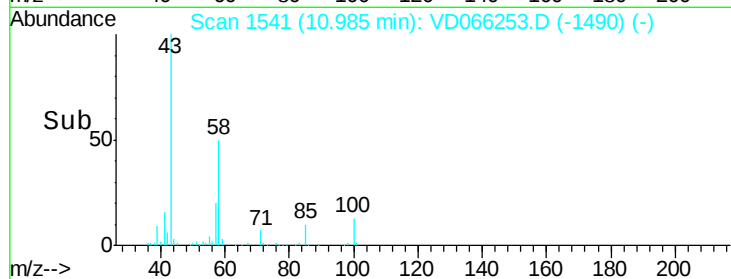
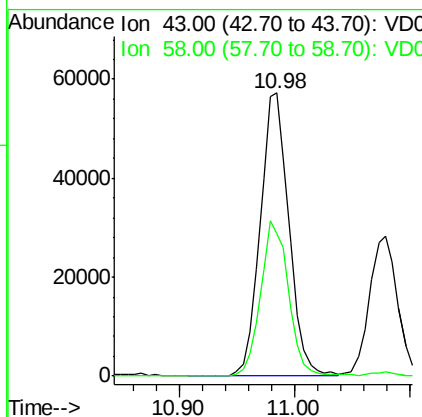
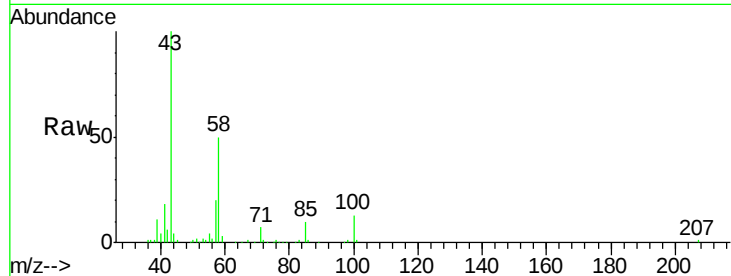




#59
2-Hexanone
Concen: 91.223 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

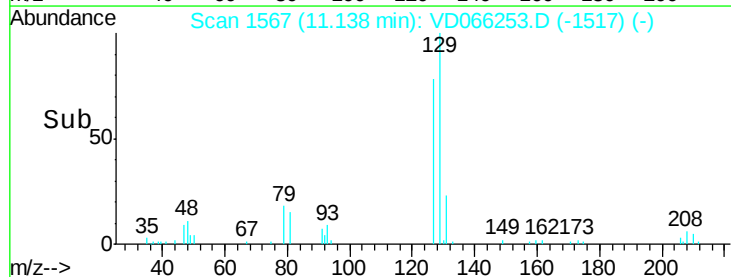
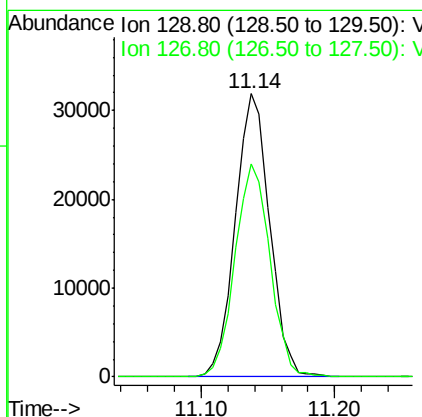
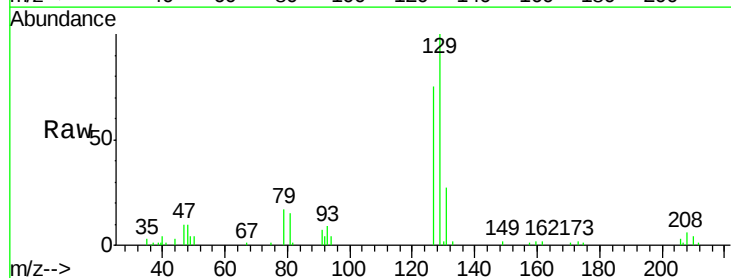
Instrument :
MSVOA_N
ClientSampleId :
VD0817SBSD01

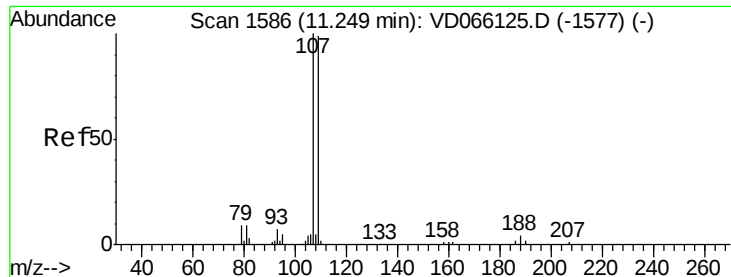
Tgt Ion: 43 Resp: 99403
Ion Ratio Lower Upper
43 100
58 53.2 27.8 83.4



#60
Dibromochloromethane
Concen: 19.750 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion: 129 Resp: 56815
Ion Ratio Lower Upper
129 100
127 76.7 38.0 114.1

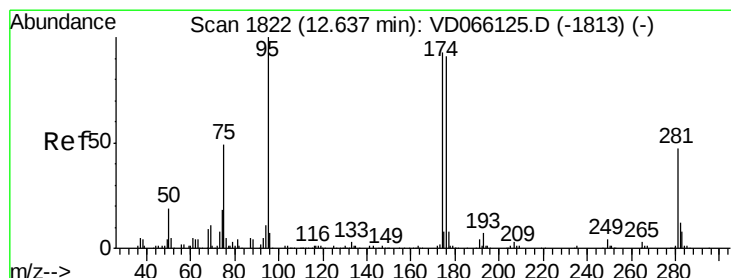
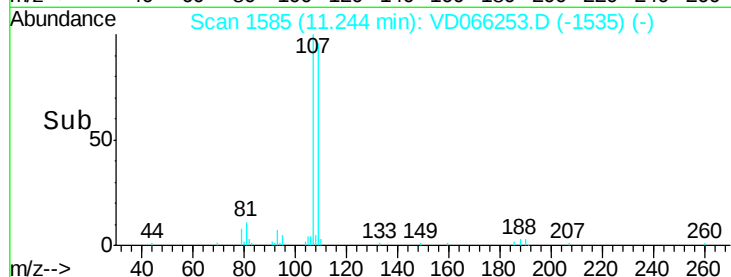
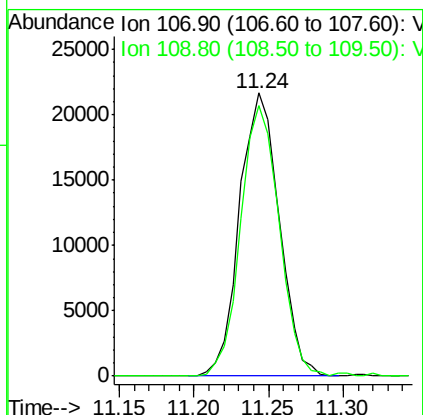
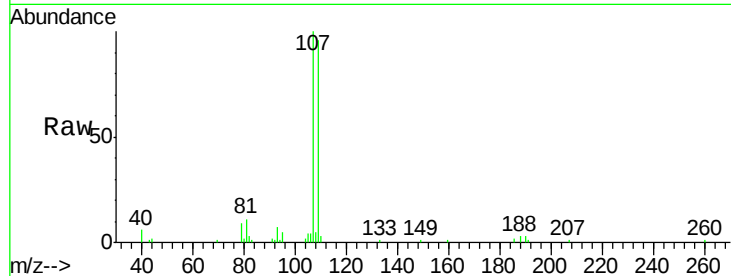




#61
 1,2-Dibromoethane
 Concen: 19.874 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

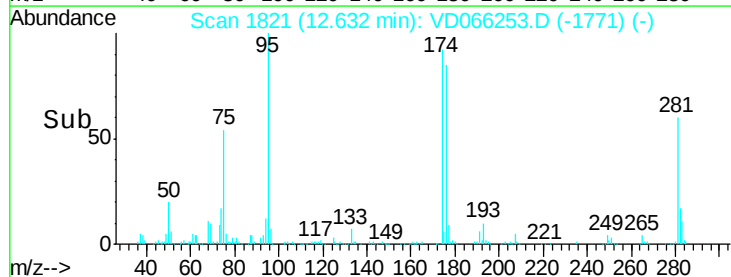
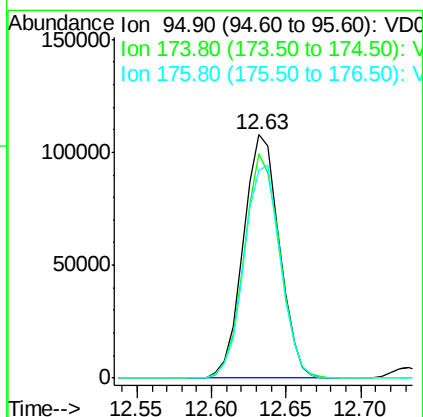
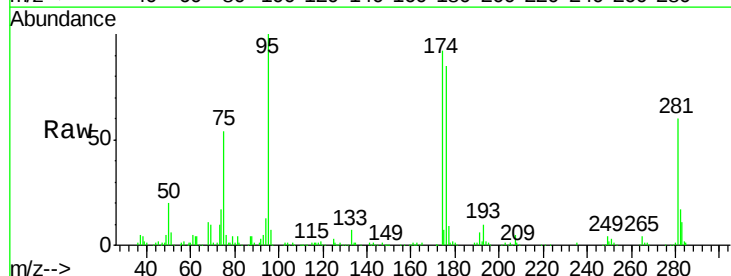
Instrument :
 MSVOA_N
 ClientSampleId :
 VD0817SBSD01

Tgt Ion: 107 Resp: 39824
 Ion Ratio Lower Upper
 107 100
 109 93.0 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 51.673 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion: 95 Resp: 179417
 Ion Ratio Lower Upper
 95 100
 174 91.7 0.0 180.8
 176 88.5 0.0 181.2

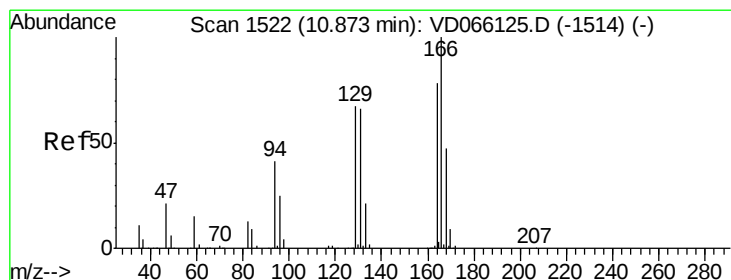
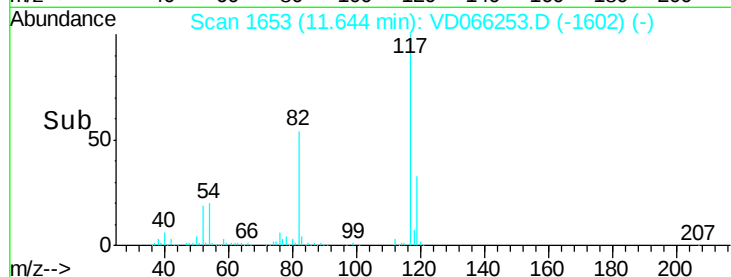
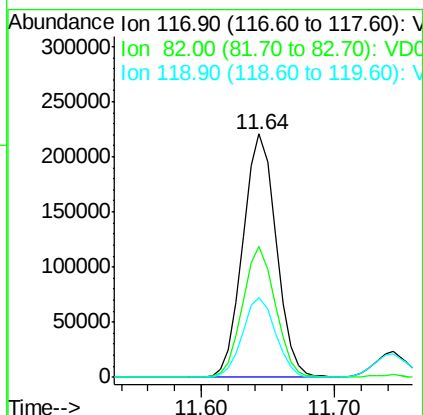
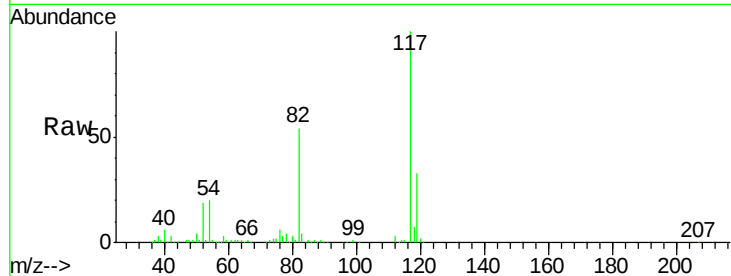




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

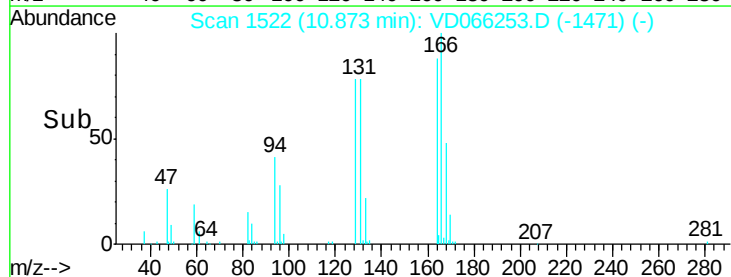
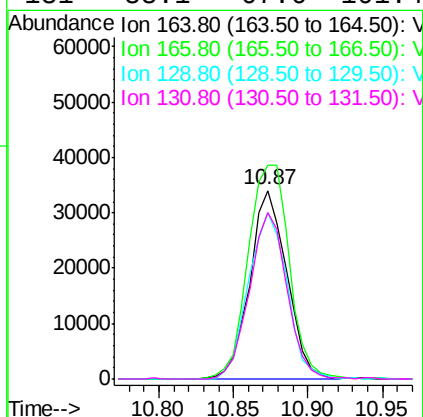
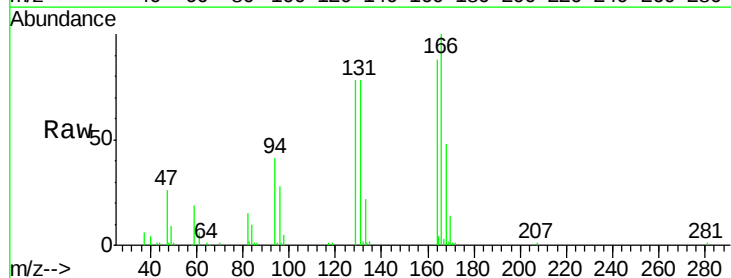
Instrument :
MSVOA_N
ClientSampleId :
VD0817SBSD01

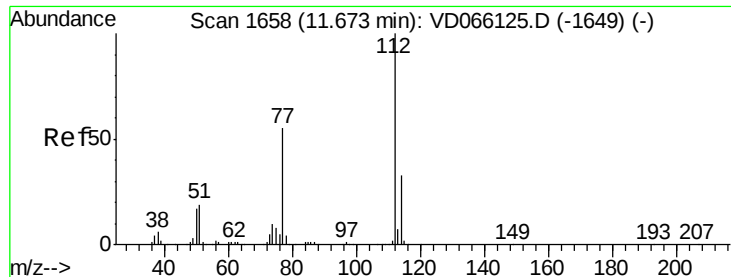
Tgt Ion:117 Resp: 380986
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 32.8 26.1 39.1



#64
Tetrachloroethene
Concen: 19.930 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion:164 Resp: 58307
Ion Ratio Lower Upper
164 100
166 113.4 101.9 152.9
129 88.6 68.1 102.1
131 88.1 67.6 101.4

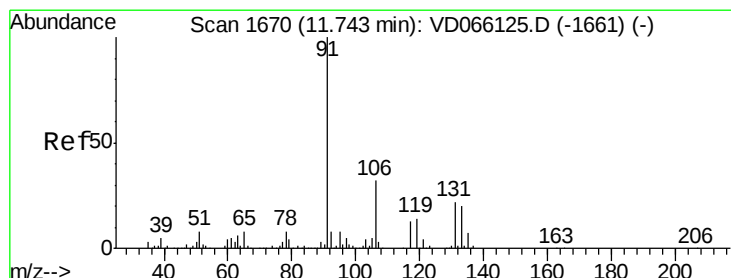
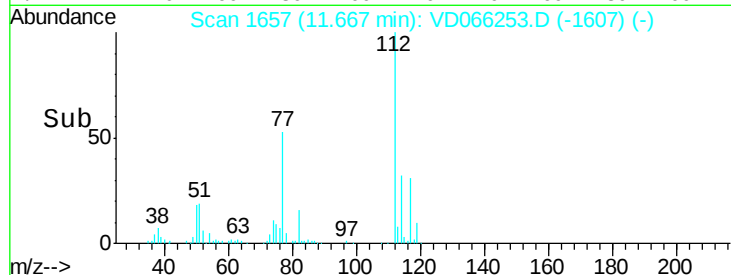
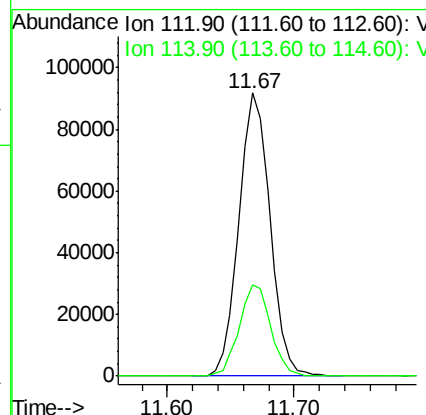
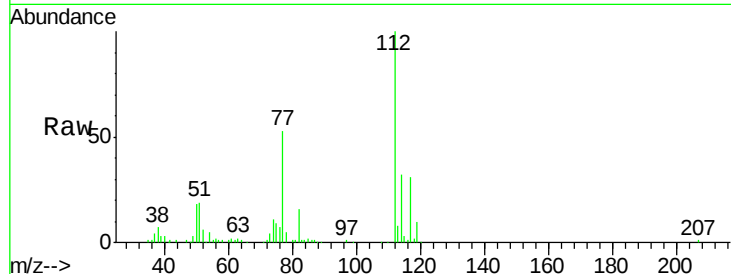




#65
Chlorobenzene
Concen: 20.167 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

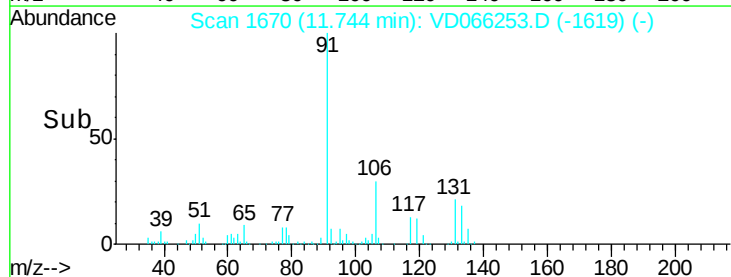
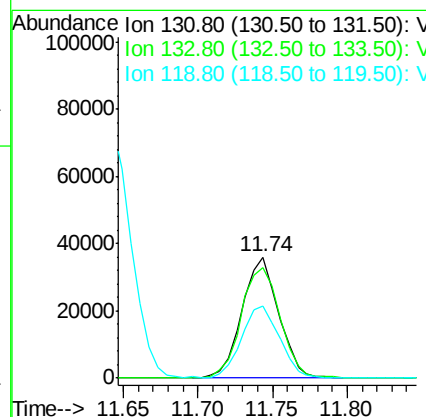
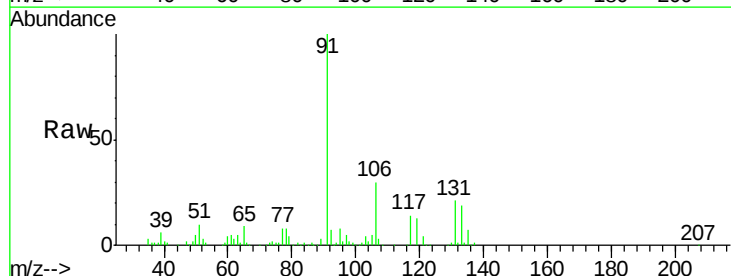
Instrument :
MSVOA_N
ClientSampleId :
VD0817SBSD01

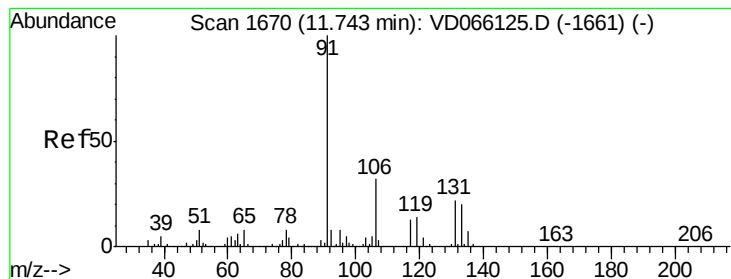
Tgt Ion:112 Resp: 155978
Ion Ratio Lower Upper
112 100
114 32.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.236 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion:131 Resp: 61238
Ion Ratio Lower Upper
131 100
133 97.6 47.1 141.4
119 61.6 31.6 94.7





#67

Ethyl Benzene

Concen: 20.769 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

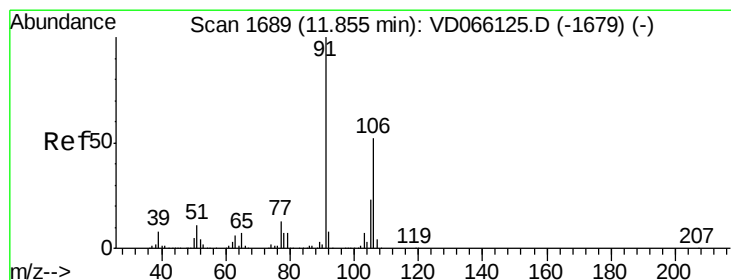
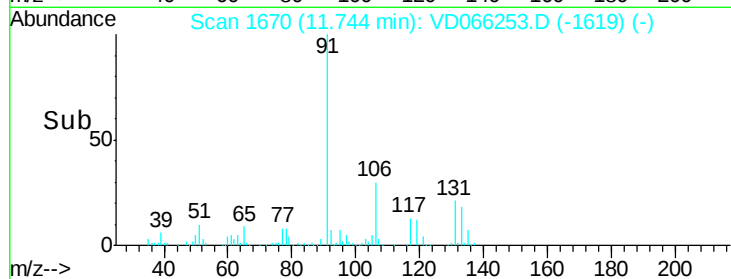
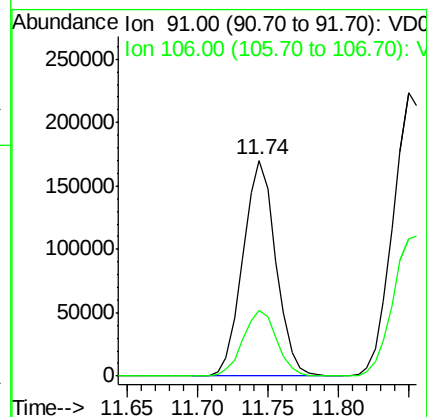
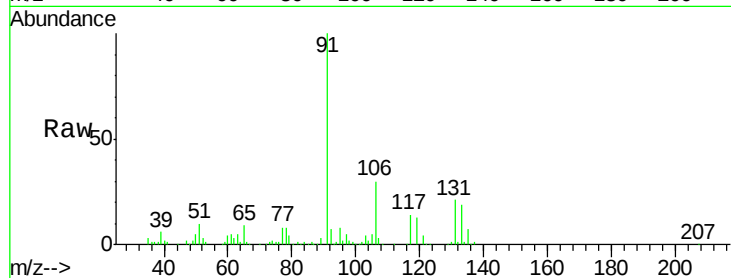
VD0817SBSD01

Tgt Ion: 91 Resp: 278360

Ion Ratio Lower Upper

91 100

106 30.3 25.7 38.5



#68

m/p-Xylenes

Concen: 41.004 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD066253.D

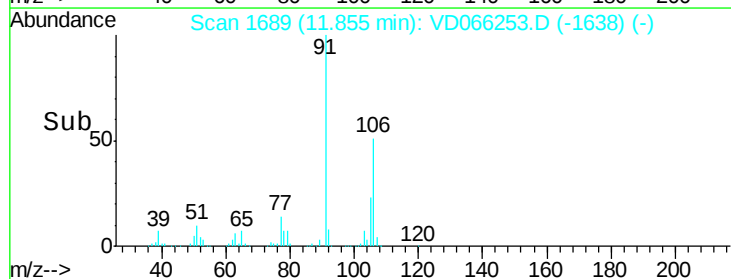
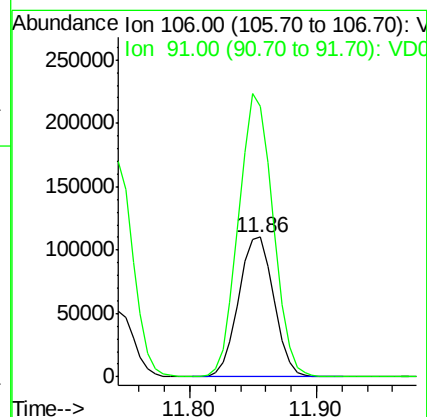
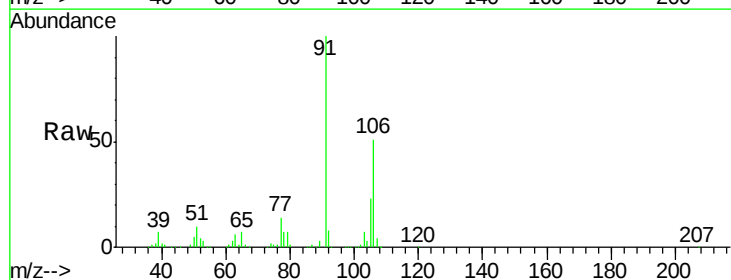
Acq: 17 Aug 2020 13:05

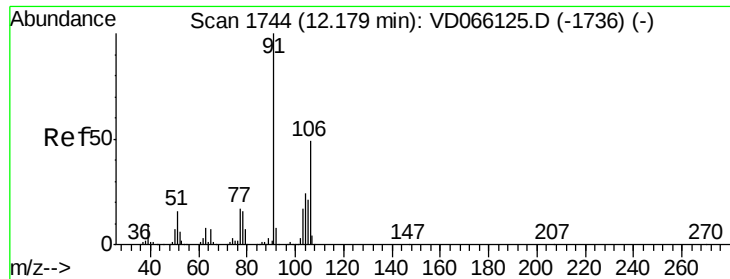
Tgt Ion: 106 Resp: 212924

Ion Ratio Lower Upper

106 100

91 198.7 156.6 235.0

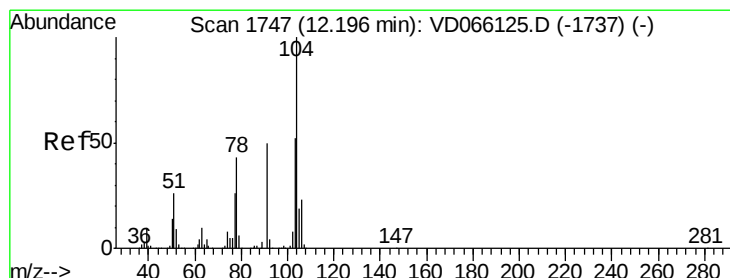
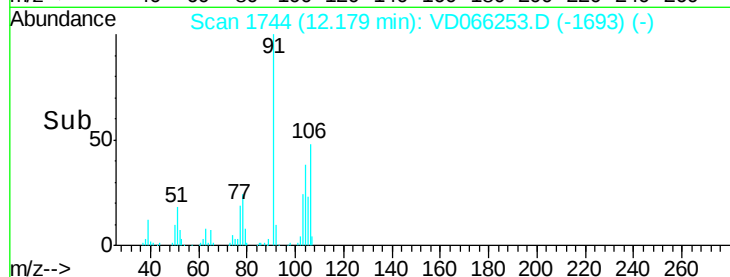
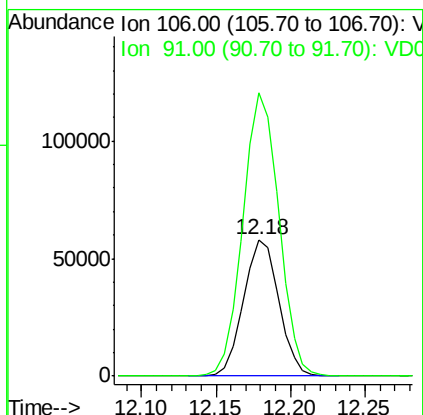
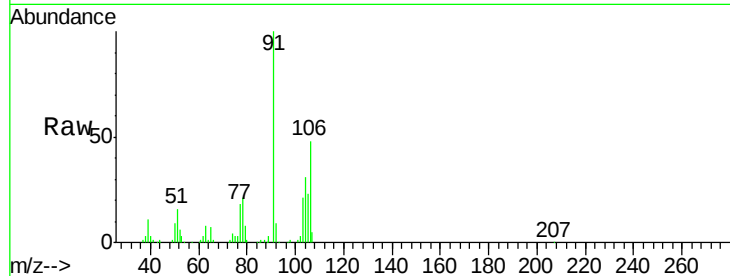




#69
o-Xylene
Concen: 20.114 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

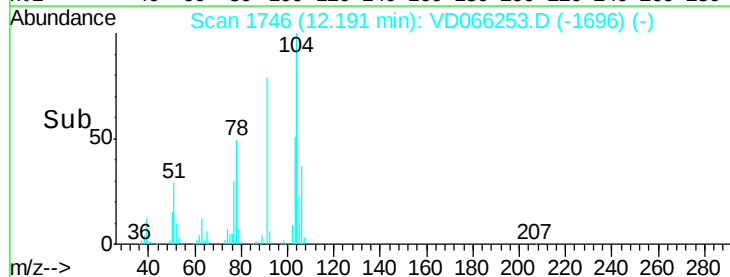
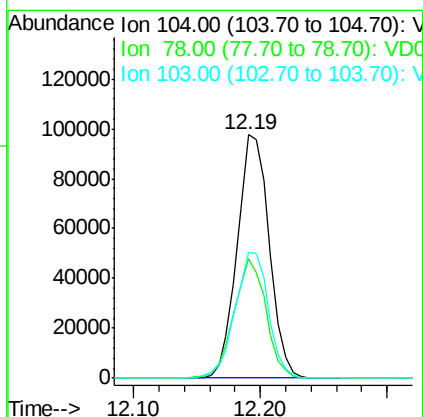
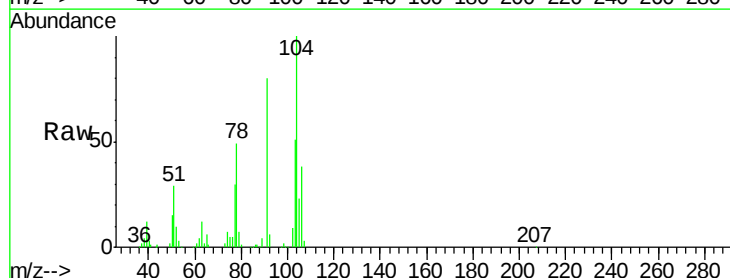
Instrument :
MSVOA_N
ClientSampleId :
VD0817SBSD01

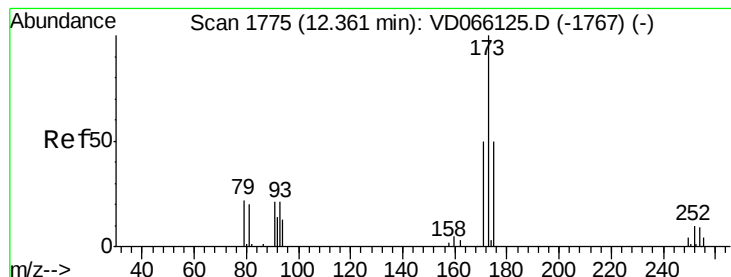
Tgt Ion:106 Resp: 95010
Ion Ratio Lower Upper
106 100
91 211.8 105.7 317.1



#70
Styrene
Concen: 20.667 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion:104 Resp: 171092
Ion Ratio Lower Upper
104 100
78 48.9 38.6 58.0
103 53.7 44.1 66.1





#71

Bromoform

Concen: 18.540 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VD0817SBSD01

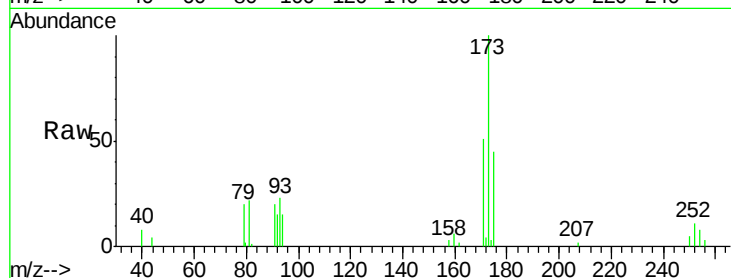
Tgt Ion:173 Resp: 33240

Ion Ratio Lower Upper

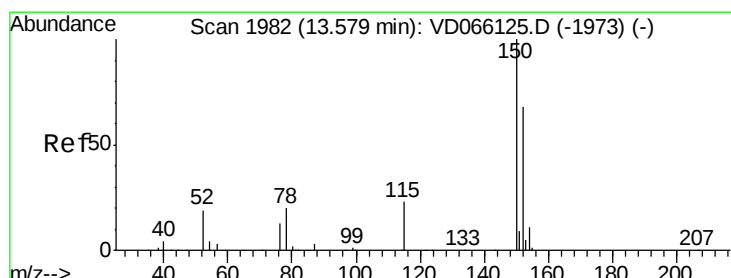
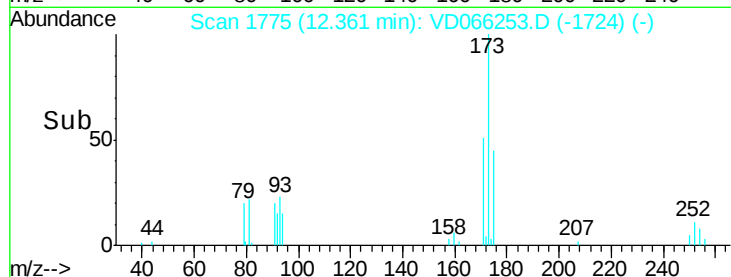
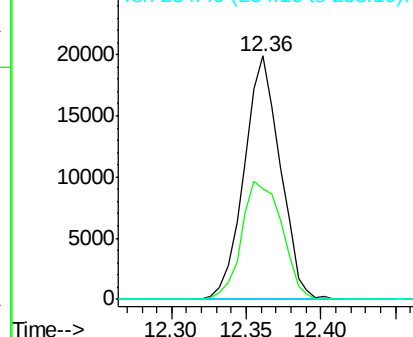
173 100

175 54.2 24.6 73.6

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

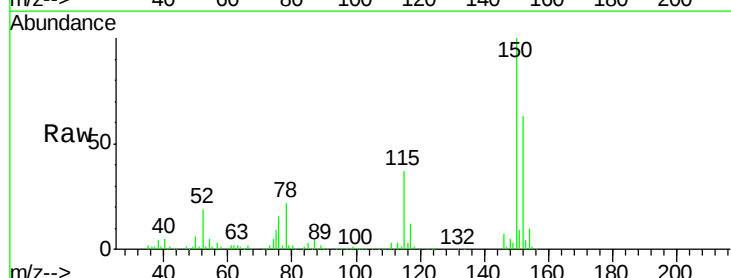
Tgt Ion:152 Resp: 200397

Ion Ratio Lower Upper

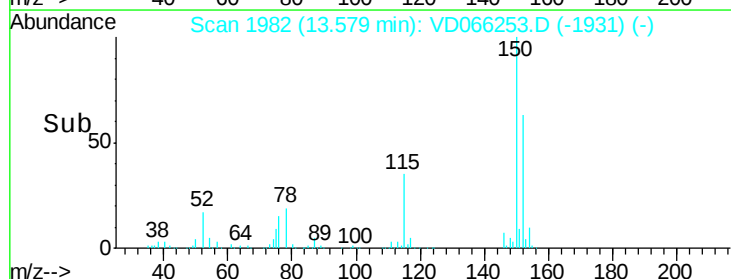
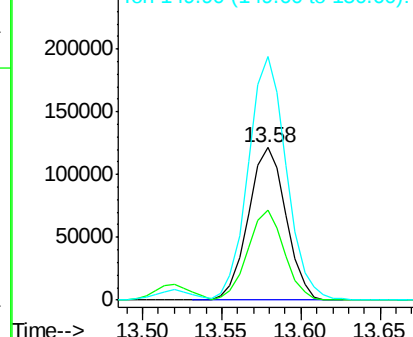
152 100

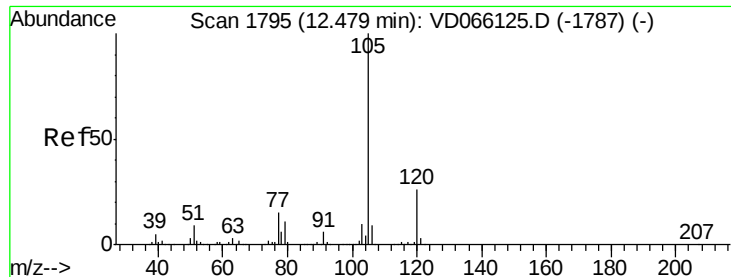
115 57.3 28.0 83.9

150 161.8 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: 20.226 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

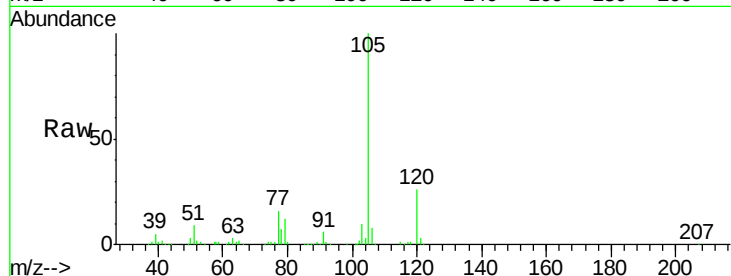
VD0817SBSD01

Tgt Ion: 105 Resp: 270569

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

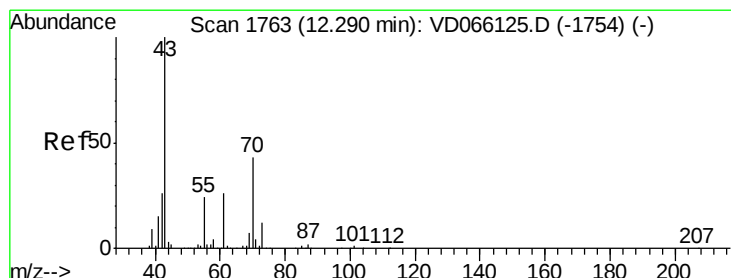
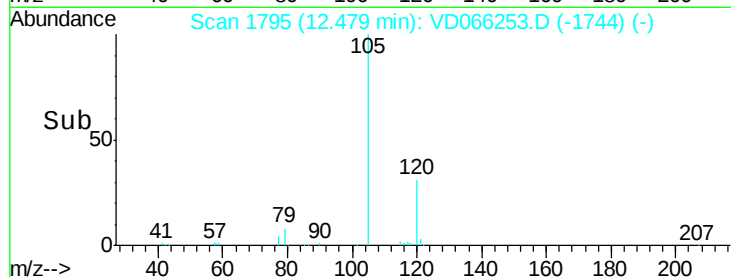
100000

50000

0

12.40 12.45 12.50 12.55

Time-->



#74

N-ethyl acetate

Concen: 17.500 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Tgt Ion: 43 Resp: 51549

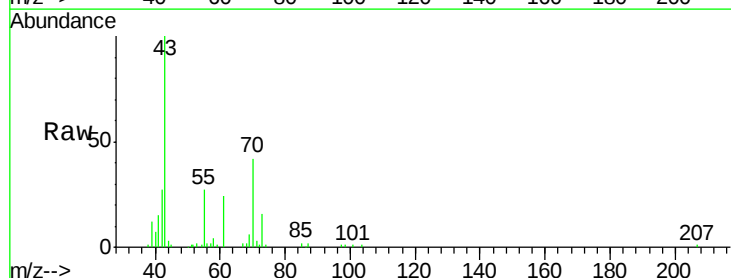
Ion Ratio Lower Upper

43 100

70 43.9 34.9 52.3

55 27.9 19.2 28.8

61 24.8 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

50000

40000

30000

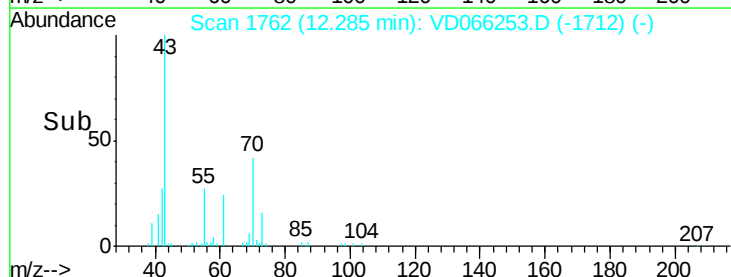
20000

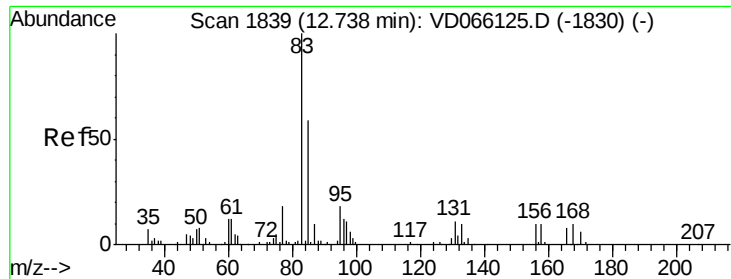
10000

0

12.20 12.30 12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.143 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VD0817SBSD01

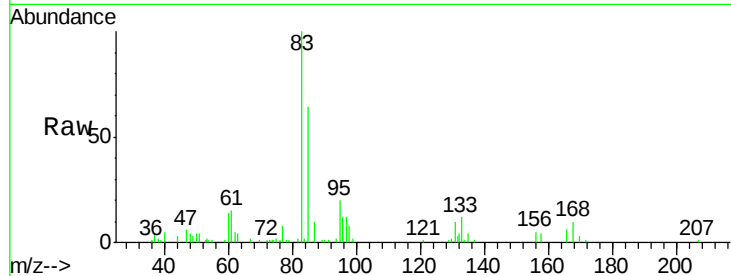
Tgt Ion: 83 Resp: 41385

Ion Ratio Lower Upper

83 100

131 12.2 6.2 18.6

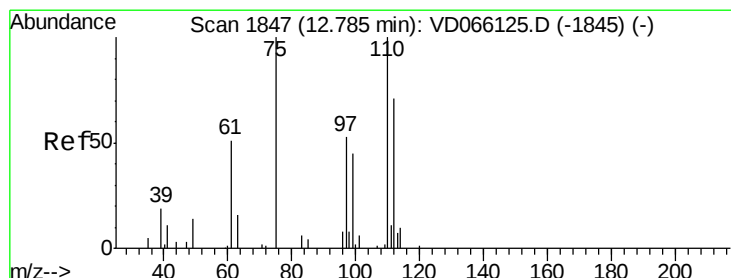
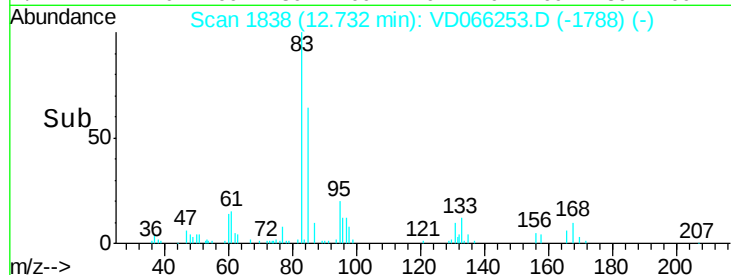
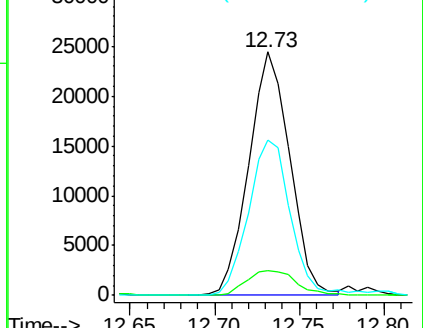
85 65.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 32.964 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066253.D

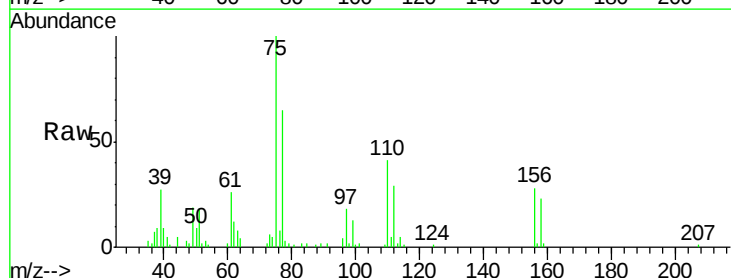
Acq: 17 Aug 2020 13:05

Tgt Ion: 75 Resp: 55088

Ion Ratio Lower Upper

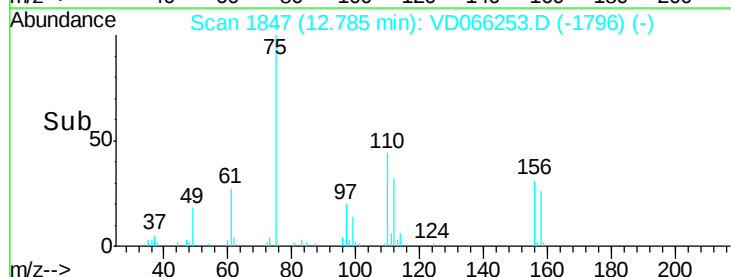
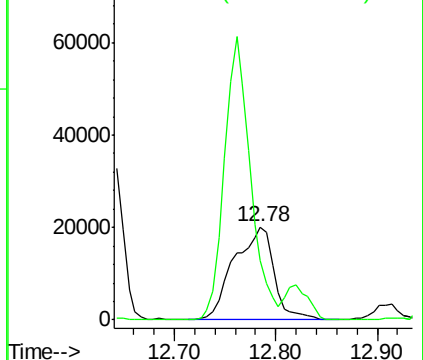
75 100

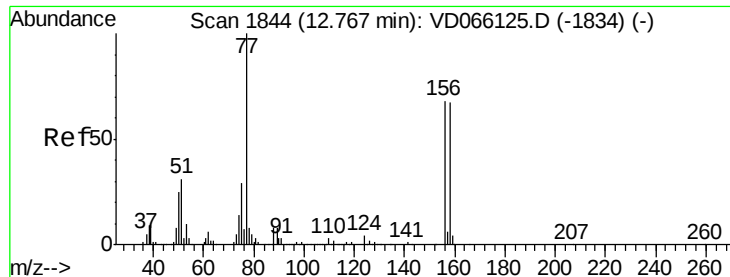
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 19.707 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VD0817SBSD01

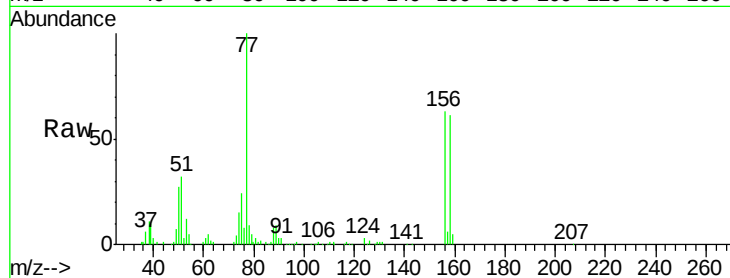
Tgt Ion:156 Resp: 67861

Ion Ratio Lower Upper

156 100

77 162.0 81.0 243.1

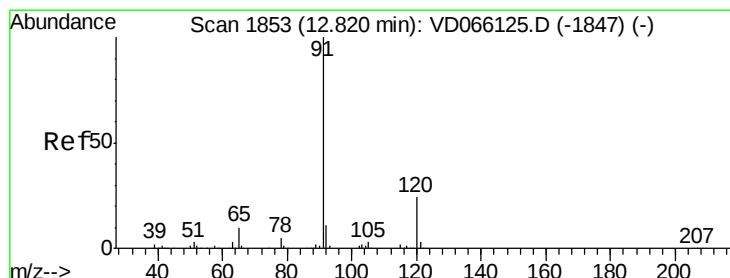
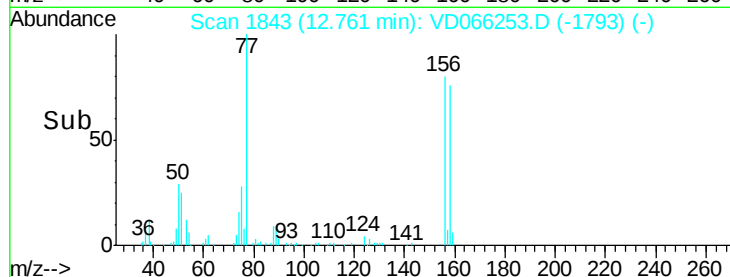
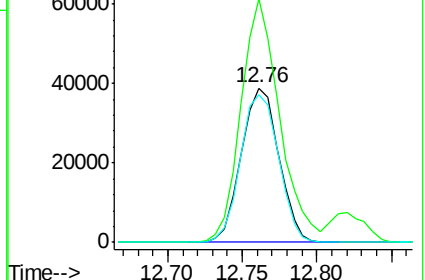
158 97.4 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.187 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066253.D

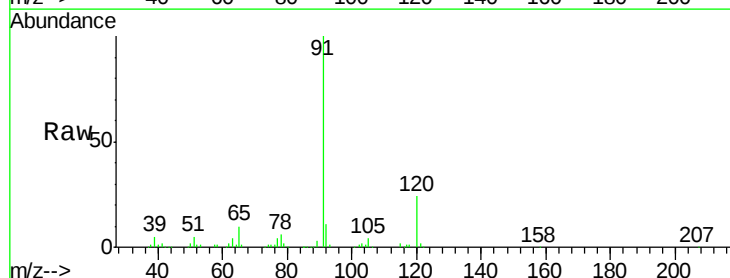
Acq: 17 Aug 2020 13:05

Tgt Ion: 91 Resp: 313902

Ion Ratio Lower Upper

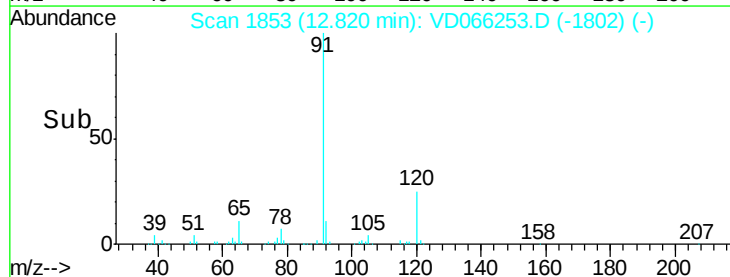
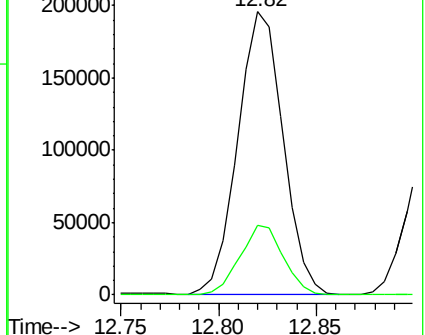
91 100

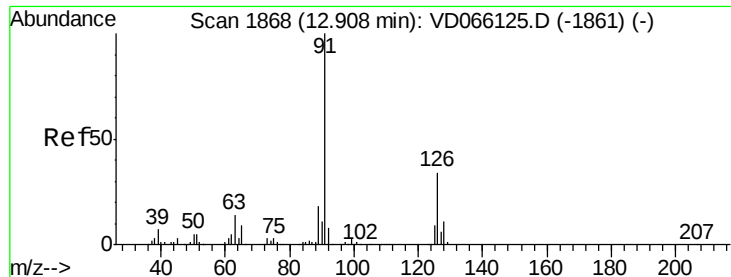
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.302 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

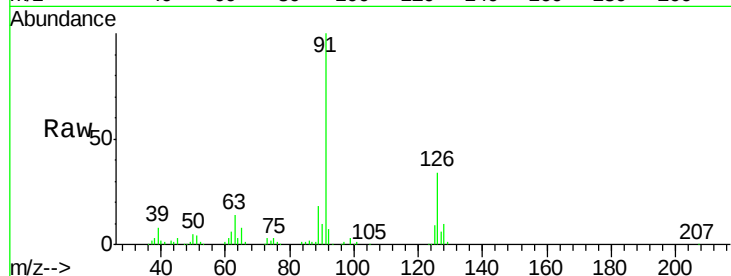
VD0817SBSD01

Tgt Ion: 91 Resp: 180556

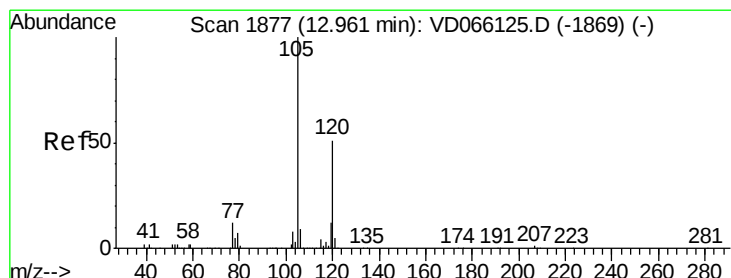
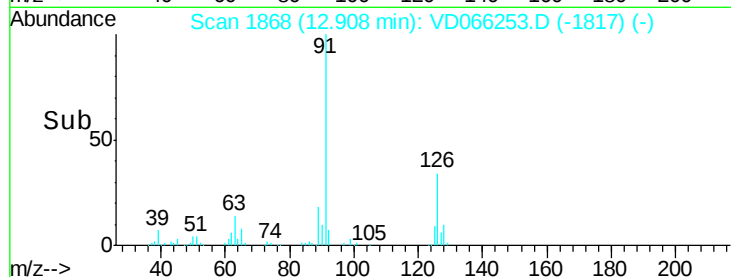
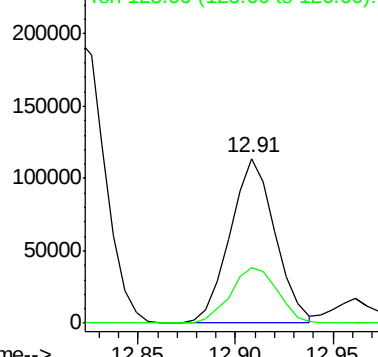
Ion Ratio Lower Upper

91 100

126 35.6 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VD066253.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.662 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066253.D

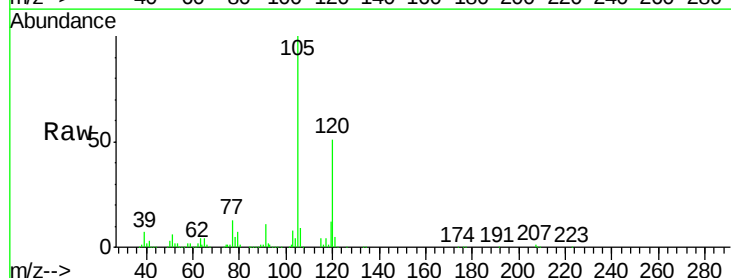
Acq: 17 Aug 2020 13:05

Tgt Ion: 105 Resp: 231149

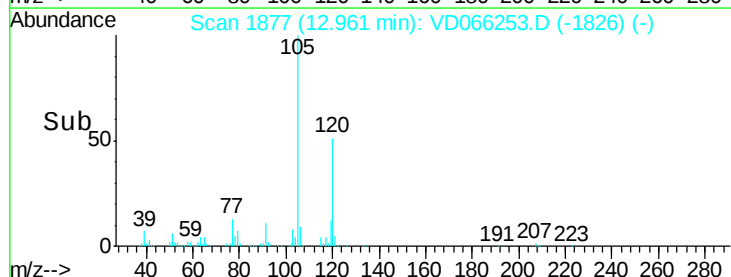
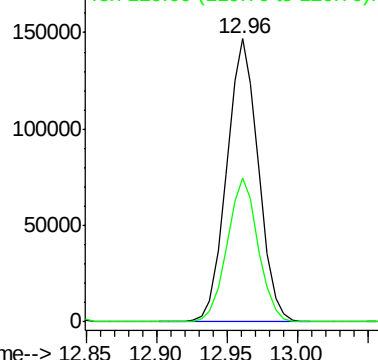
Ion Ratio Lower Upper

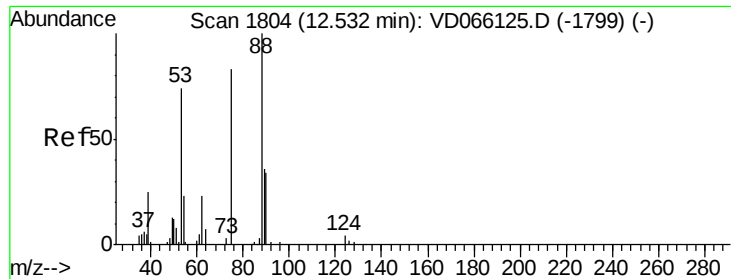
105 100

120 49.8 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VD066253.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.171 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VD0817SBSD01

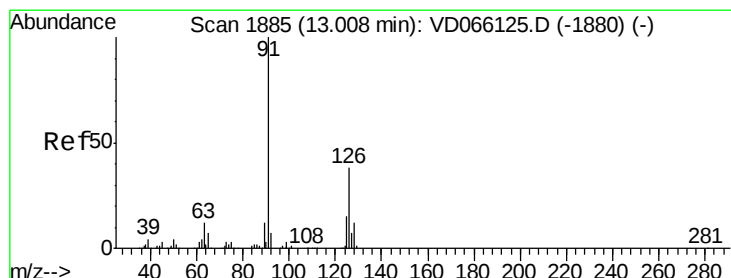
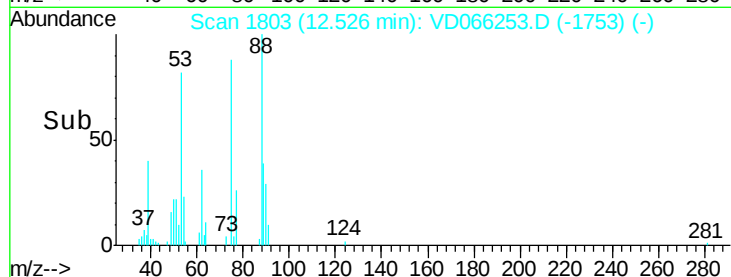
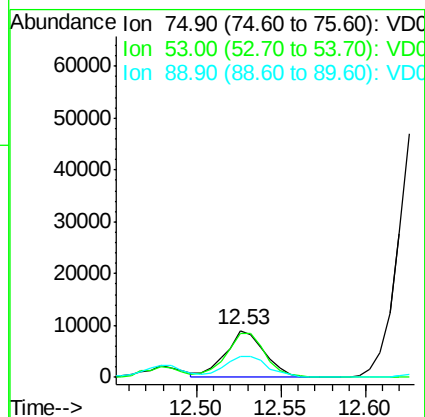
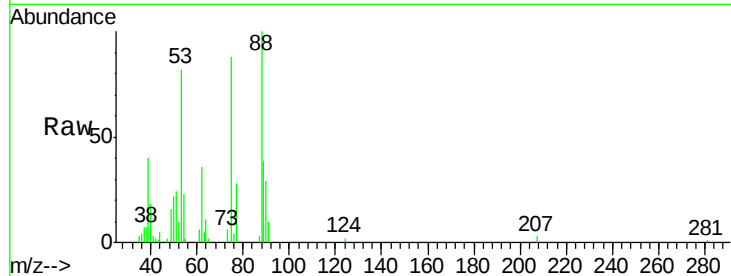
Tgt Ion: 75 Resp: 14493

Ion Ratio Lower Upper

75 100

53 94.9 73.4 110.2

89 49.4 36.6 55.0



#82

4-Chlorotoluene

Concen: 20.141 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066253.D

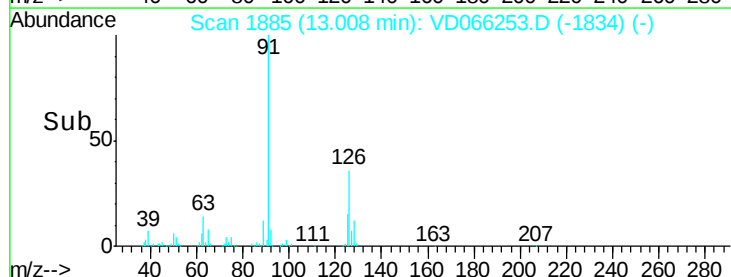
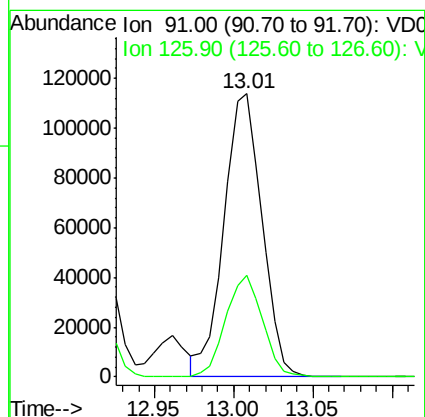
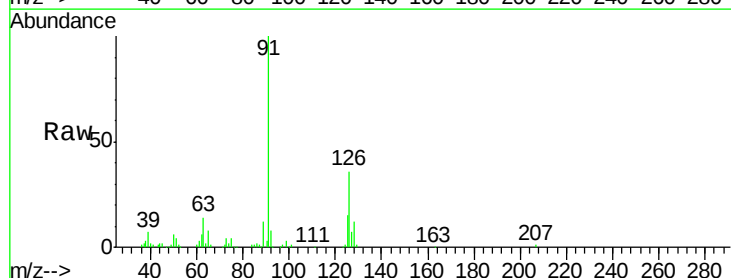
Acq: 17 Aug 2020 13:05

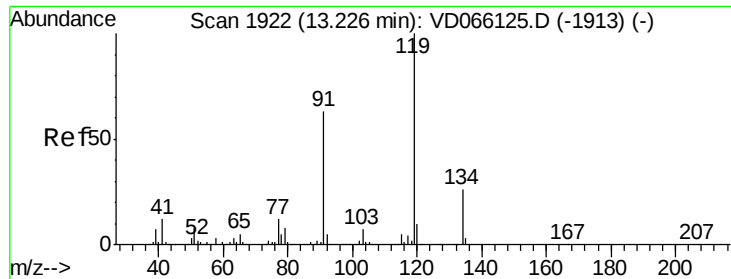
Tgt Ion: 91 Resp: 189089

Ion Ratio Lower Upper

91 100

126 34.8 17.8 53.3

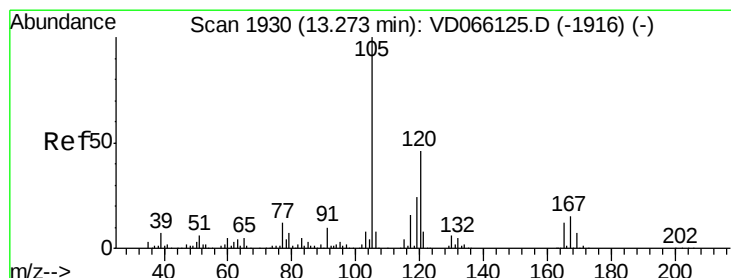
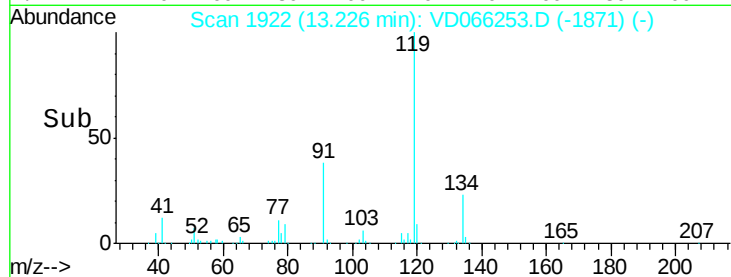
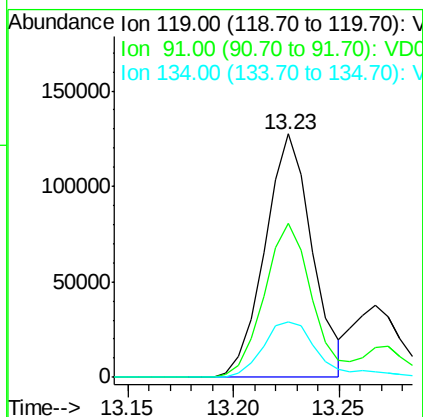
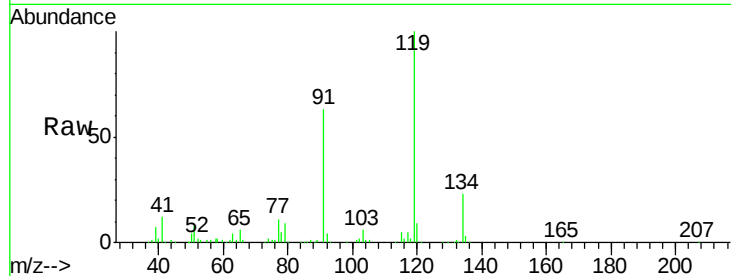




#83
 tert-Butylbenzene
 Concen: 20.197 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

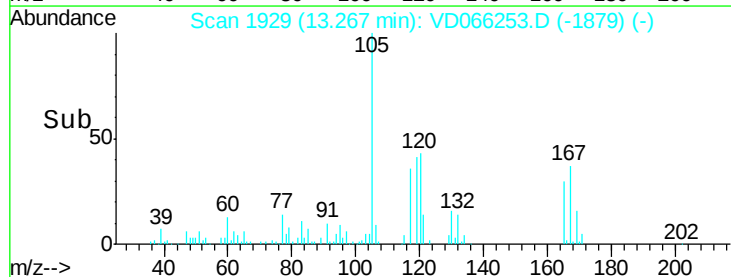
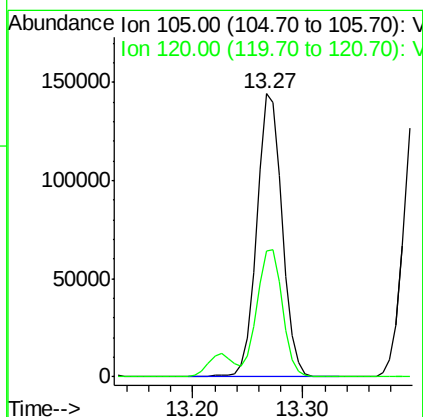
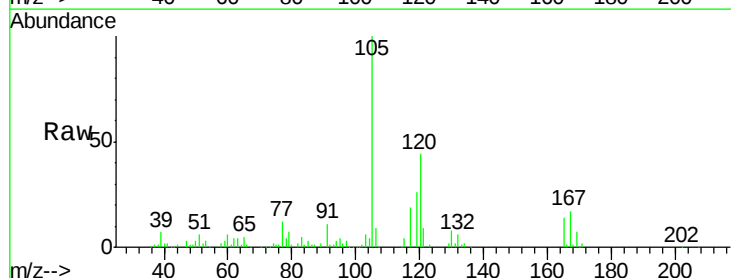
Instrument :
 MSVOA_N
 ClientSampleId :
 VD0817SBSD01

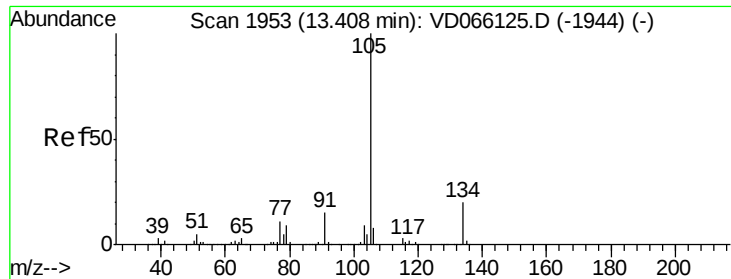
Tgt Ion:119 Resp: 198709
 Ion Ratio Lower Upper
 119 100
 91 64.5 30.8 92.4
 134 27.4 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.758 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion:105 Resp: 232408
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.1 69.2

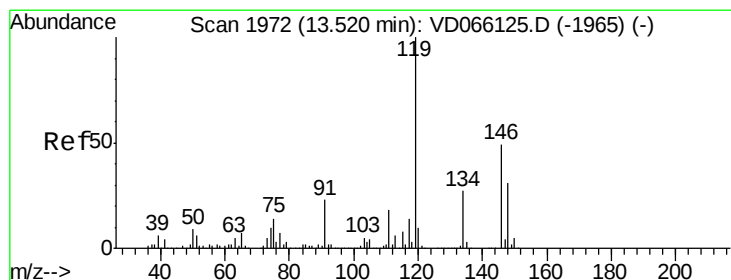
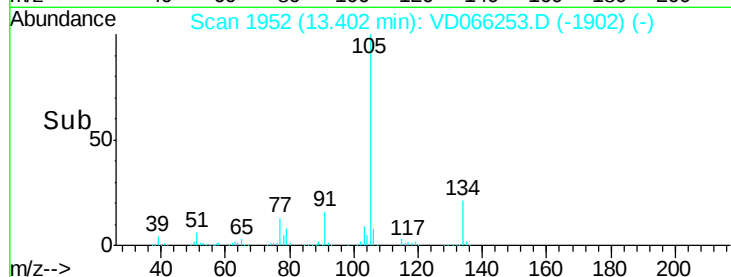
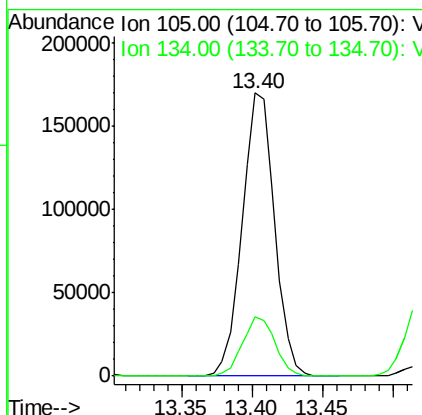
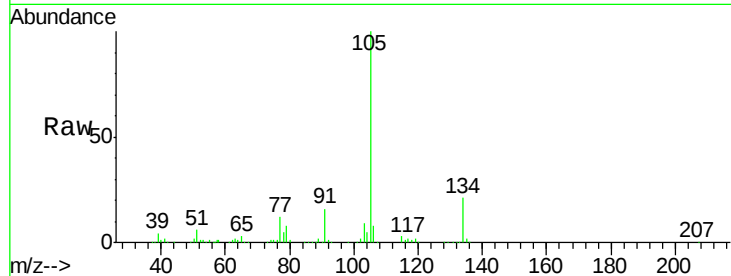




#85
 sec-Butylbenzene
 Concen: 20.477 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

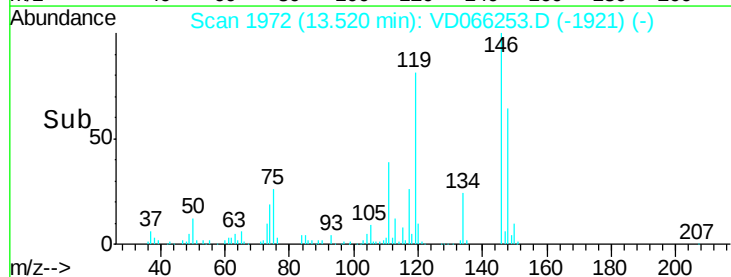
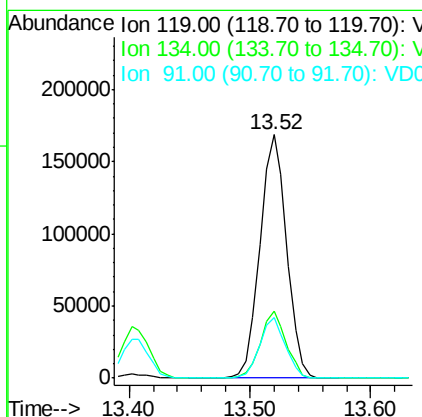
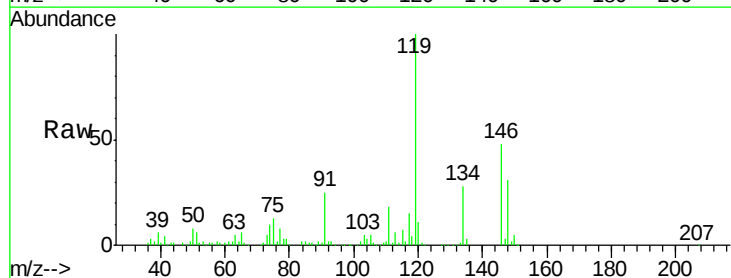
Instrument :
 MSVOA_N
 ClientSampleId :
 VD0817SBSD01

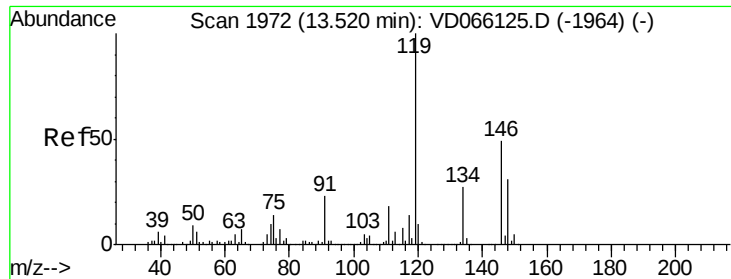
Tgt Ion:105 Resp: 271998
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 20.683 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion:119 Resp: 257673
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 23.9 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 20.335 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

VD0817SBSD01

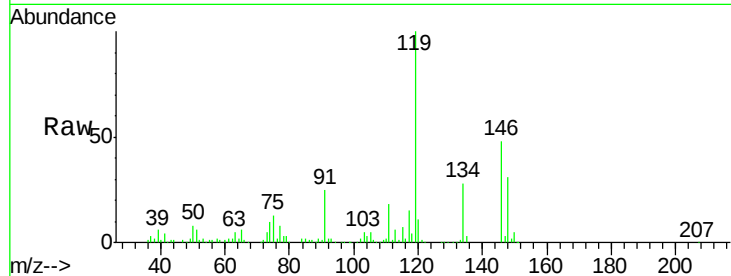
Tgt Ion:146 Resp: 131608

Ion Ratio Lower Upper

146 100

111 38.7 18.9 56.9

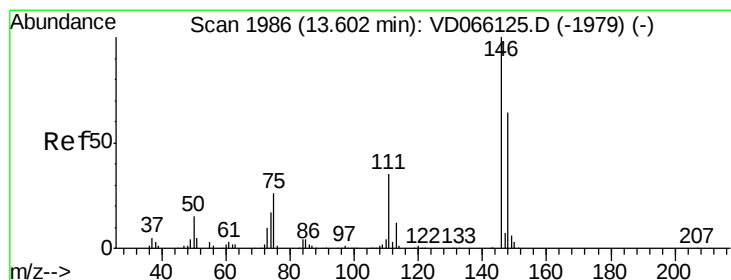
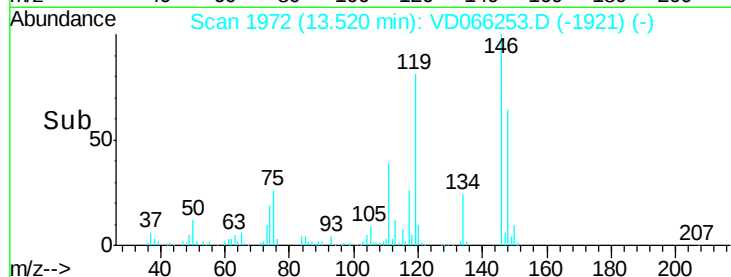
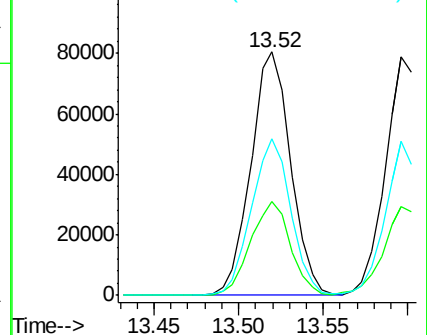
148 63.7 31.8 95.3



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: 20.024 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

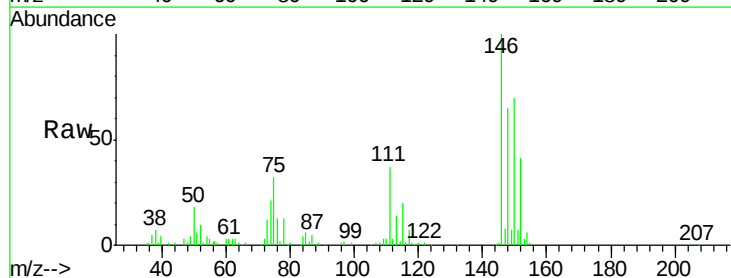
Tgt Ion:146 Resp: 129240

Ion Ratio Lower Upper

146 100

111 38.5 18.6 55.8

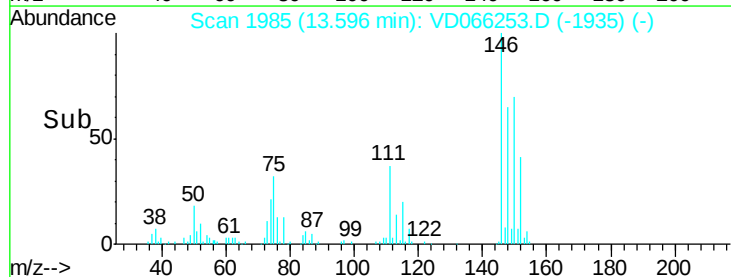
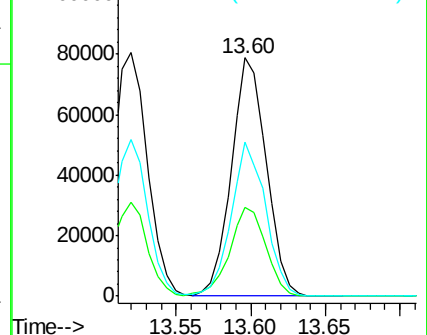
148 63.4 32.4 97.0

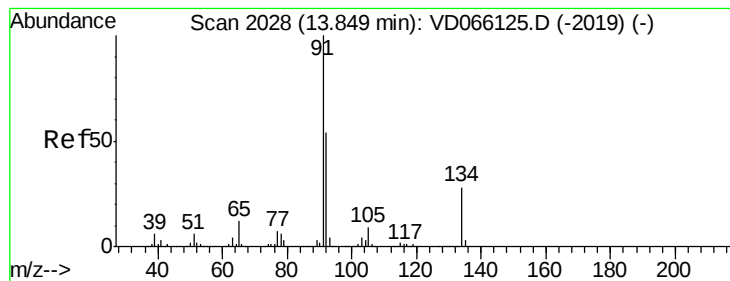


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

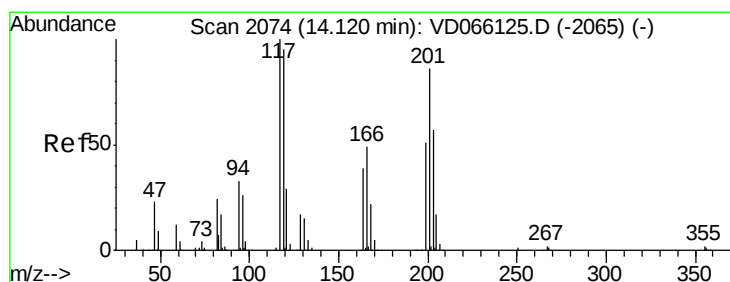
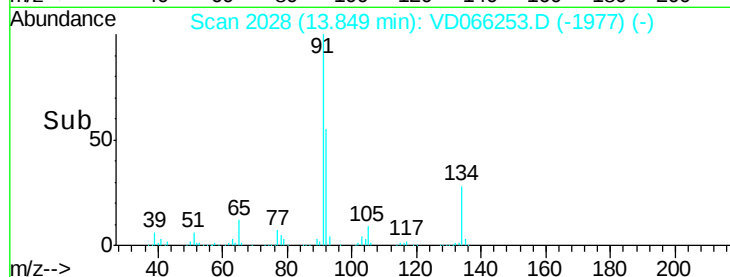
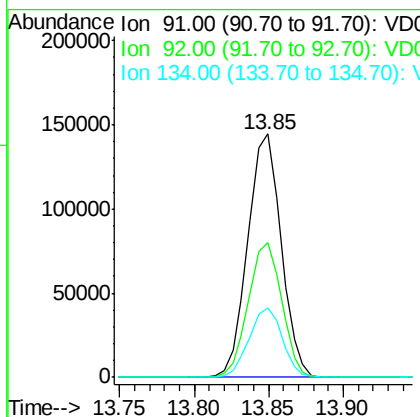
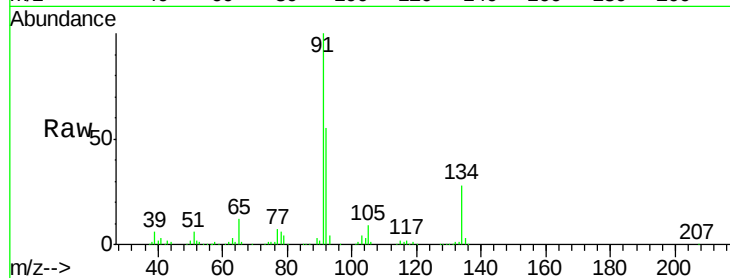




#89
n-Butylbenzene
Concen: 20.057 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

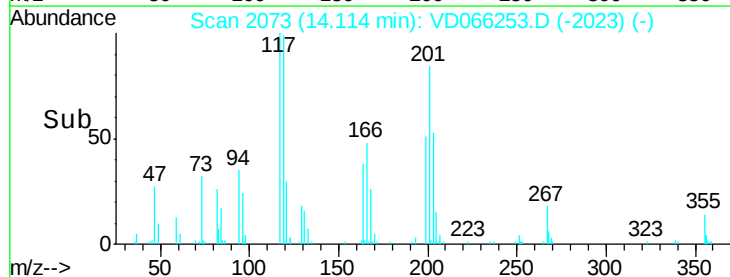
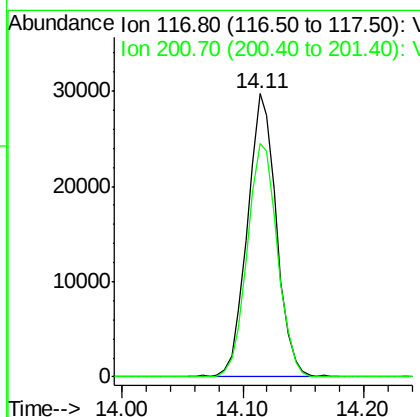
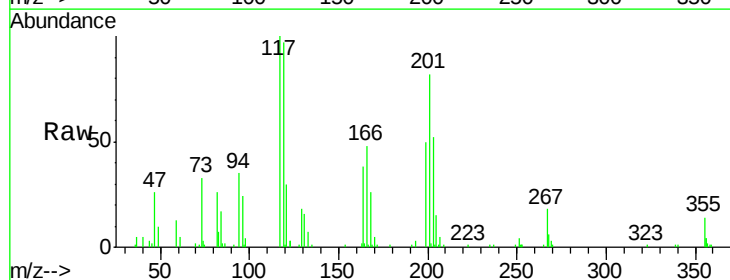
Instrument :
MSVOA_N
ClientSampleId :
VD0817SBSD01

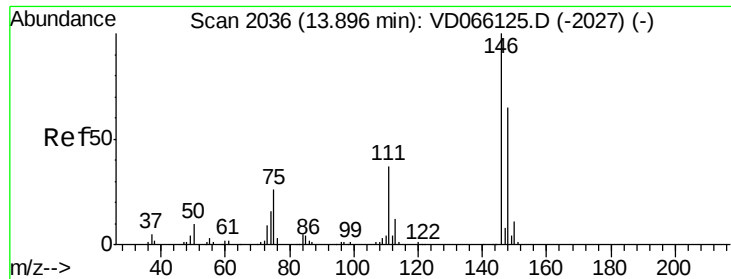
Tgt Ion: 91 Resp: 223886
Ion Ratio Lower Upper
91 100
92 55.2 26.8 80.3
134 28.3 14.0 41.9



#90
Hexachloroethane
Concen: 20.007 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion: 117 Resp: 49712
Ion Ratio Lower Upper
117 100
201 85.7 42.7 128.1

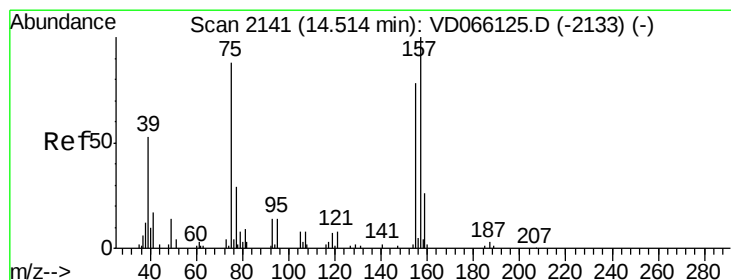
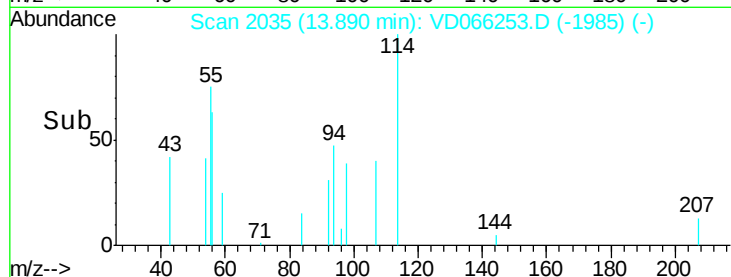
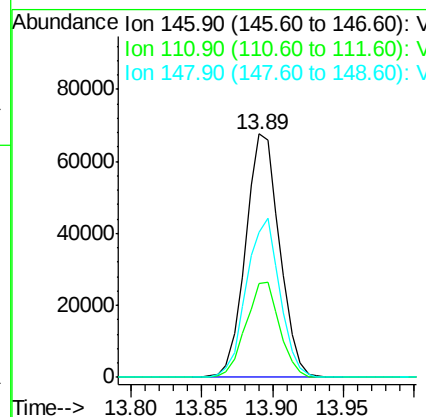
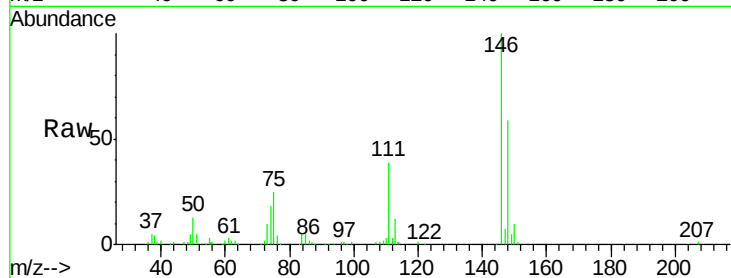




#91
 1,2-Dichlorobenzene
 Concen: 19.893 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

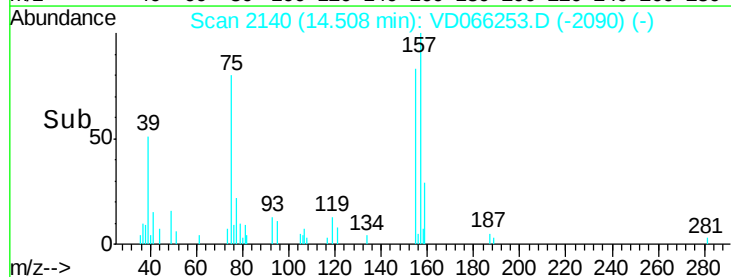
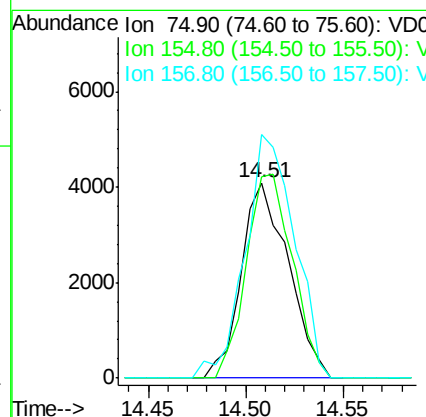
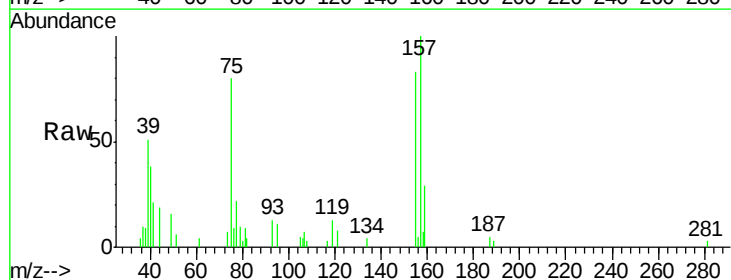
Instrument :
 MSVOA_N
 ClientSampleId :
 VD0817SBSD01

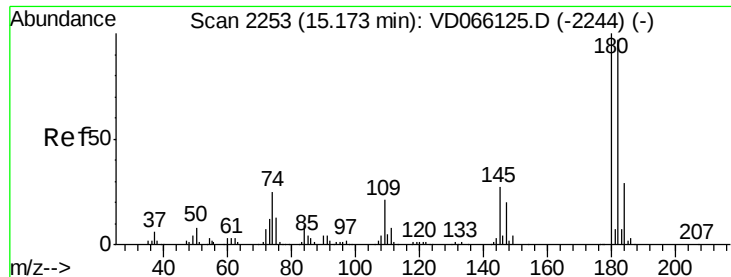
Tgt Ion:146 Resp: 113860
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.8 56.3
 148 64.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.453 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion: 75 Resp: 6842
 Ion Ratio Lower Upper
 75 100
 155 102.5 47.7 143.1
 157 130.6 62.1 186.2

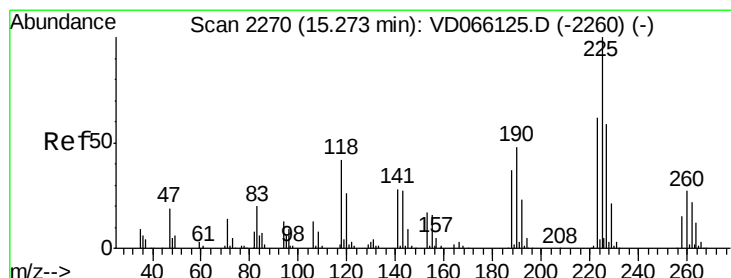
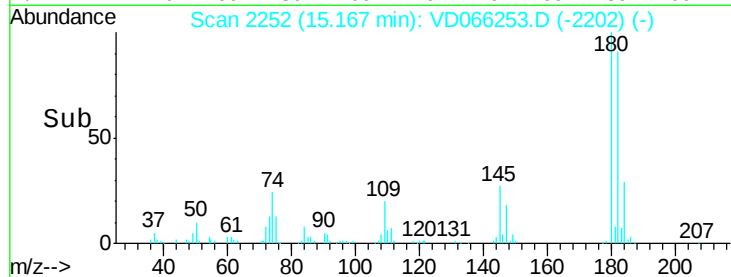
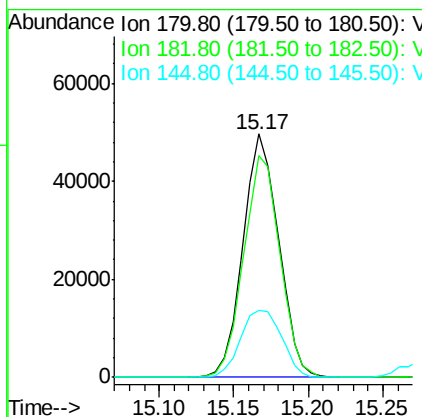
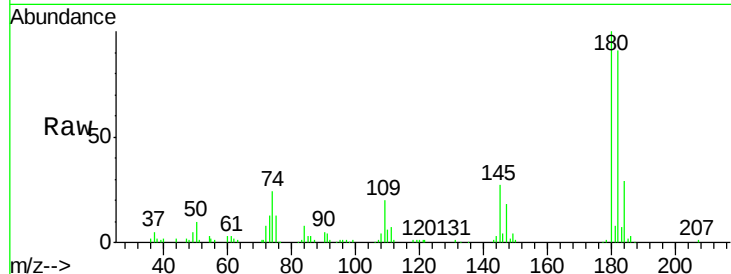




#93
 1,2,4-Trichlorobenzene
 Concen: 19.470 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

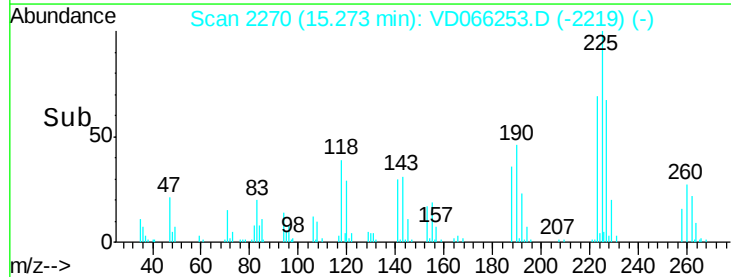
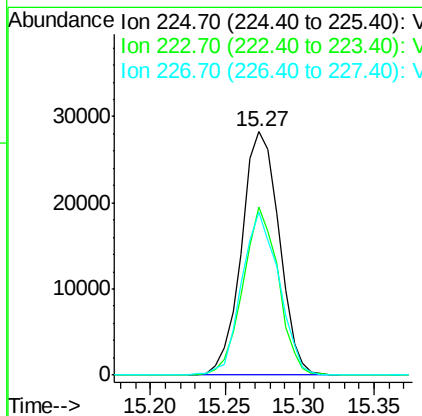
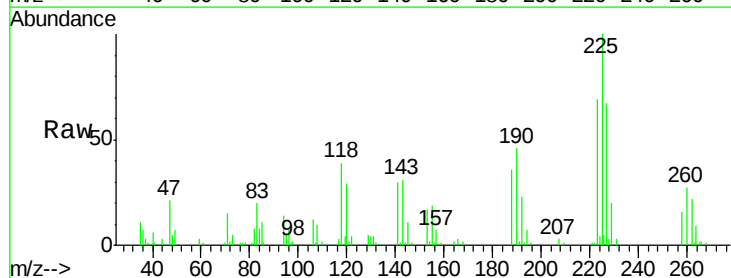
Instrument :
 MSVOA_N
 ClientSampleId :
 VD0817SBSD01

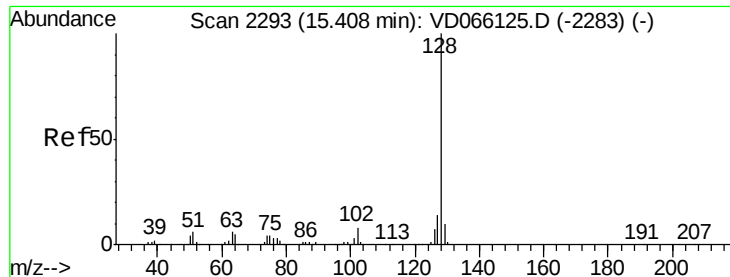
Tgt Ion:180 Resp: 82124
 Ion Ratio Lower Upper
 180 100
 182 92.7 47.4 142.2
 145 31.9 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 19.827 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion:225 Resp: 49247
 Ion Ratio Lower Upper
 225 100
 223 64.9 32.3 96.9
 227 66.5 32.1 96.5

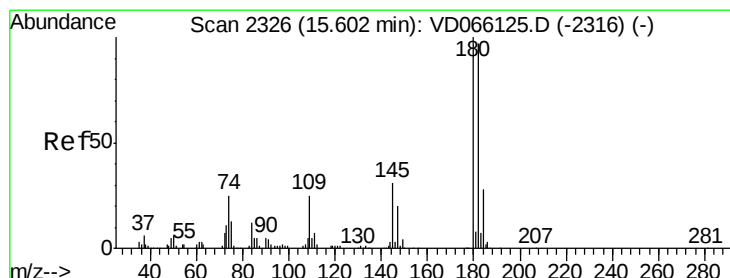
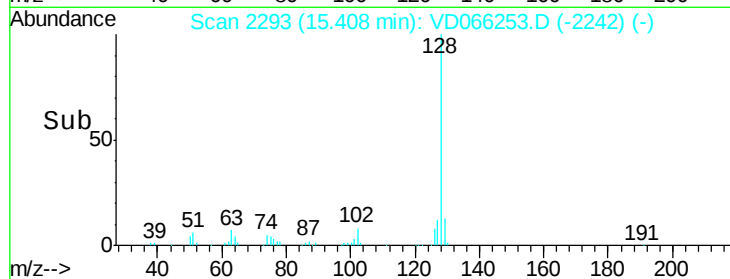
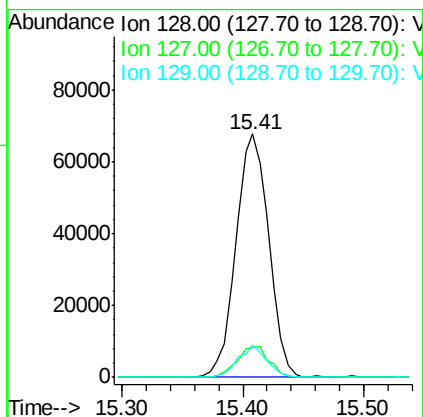
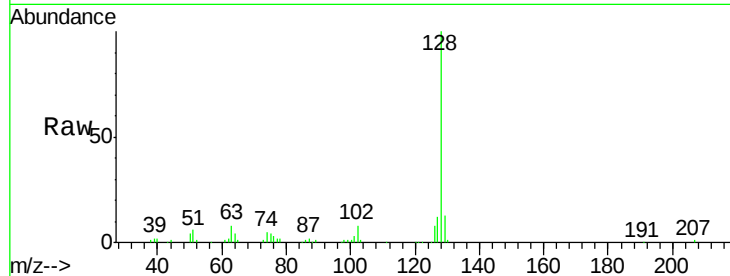




#95
Naphthalene
Concen: 18.645 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Instrument :
MSVOA_N
ClientSampleId :
VD0817SBSD01

Tgt Ion:128 Resp: 128141
Ion Ratio Lower Upper
128 100
127 12.6 11.0 16.4
129 11.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.800 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion:180 Resp: 70000
Ion Ratio Lower Upper
180 100
182 92.4 47.1 141.4
145 30.9 14.9 44.9

