

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
 Data File : VD067074.D
 Acq On : 05 Oct 2020 10:57
 Operator : VA/SY
 Sample : VD1005SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBS01

Quant Time: Oct 06 07:14:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	471773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	719816	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	658894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	318471	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	222457	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	7.91	113	245893	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
50) Toluene-d8	10.34	98	910592	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.63	95	308901	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	93161	21.726	ug/l	90
3) Chloromethane	2.20	50	73030	19.438	ug/l	100
4) Vinyl Chloride	2.34	62	72498	19.244	ug/l	100
5) Bromomethane	2.76	94	51529	18.491	ug/l	100
6) Chloroethane	2.92	64	42146	18.370	ug/l	98
7) Trichlorofluoromethane	3.27	101	166772	19.925	ug/l	99
8) Diethyl Ether	3.70	74	42325	20.392	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	96444	20.386	ug/l	97
10) Methyl Iodide	4.29	142	78529	17.084	ug/l	98
11) Tert butyl alcohol	5.22	59	23252	48.063	ug/l	98
12) 1,1-Dichloroethene	4.07	96	87479	19.670	ug/l	96
13) Acrolein	3.92	56	27785	91.317	ug/l	99
14) Allyl chloride	4.71	41	114636	19.842	ug/l	98
15) Acrylonitrile	5.42	53	72776	95.270	ug/l	98
16) Acetone	4.15	43	72678	104.775	ug/l	98
17) Carbon Disulfide	4.40	76	272593	19.973	ug/l	99
18) Methyl Acetate	4.71	43	33847	19.414	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	158611	19.537	ug/l	95
20) Methylene Chloride	4.96	84	101982	15.732	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	102181	20.189	ug/l	96
22) Diisopropyl ether	6.36	45	213729	20.263	ug/l	98
23) Vinyl Acetate	6.30	43	567266	94.910	ug/l	98
24) 1,1-Dichloroethane	6.27	63	160584	19.728	ug/l	97
25) 2-Butanone	7.21	43	88174	89.658	ug/l	93
26) 2,2-Dichloropropane	7.21	77	147634	18.621	ug/l	98
27) cis-1,2-Dichloroethene	7.20	96	107684	19.922	ug/l	100
28) Bromochloromethane	7.54	49	54890	17.461	ug/l	96
29) Tetrahydrofuran	7.56	42	53293	94.245	ug/l	98
30) Chloroform	7.70	83	176151	19.949	ug/l	96
31) Cyclohexane	7.99	56	133172	19.514	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	165297	20.199	ug/l	99
36) 1,1-Dichloropropene	8.11	75	132501	19.748	ug/l	97
37) Ethyl Acetate	7.29	43	42300	18.199	ug/l #	96
38) Carbon Tetrachloride	8.09	117	152141	20.957	ug/l	95

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

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Quant Time: Oct 06 07:14:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	145476	20.508	ug/l	98
40) Benzene	8.34	78	379686	20.374	ug/l	99
41) Methacrylonitrile	7.52	41	25628	20.409	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	104491	20.066	ug/l	100
43) Isopropyl Acetate	8.45	43	80610	18.826	ug/l	97
44) Trichloroethene	9.11	130	116240	20.888	ug/l	99
45) 1,2-Dichloropropane	9.38	63	90811	20.739	ug/l	92
46) Dibromomethane	9.47	93	50849	20.205	ug/l	98
47) Bromodichloromethane	9.66	83	132009	20.179	ug/l	98
48) Methyl methacrylate	9.45	41	42451	19.351	ug/l	94
49) 1,4-Dioxane	9.46	88	10281	391.416	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	206403	96.774	ug/l	99
52) Toluene	10.40	92	252591	21.041	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	118410	20.252	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	144199	20.197	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	70761	20.223	ug/l	95
56) Ethyl methacrylate	10.66	69	73232	20.272	ug/l	98
57) 1,3-Dichloropropane	10.94	76	115324	20.325	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	204905	101.911	ug/l	98
59) 2-Hexanone	10.98	43	139151	97.750	ug/l	98
60) Dibromochloromethane	11.14	129	97518	20.911	ug/l	100
61) 1,2-Dibromoethane	11.24	107	69109	20.559	ug/l	98
64) Tetrachloroethene	10.87	164	99620	20.797	ug/l	93
65) Chlorobenzene	11.67	112	272277	20.777	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	102301	20.523	ug/l	100
67) Ethyl Benzene	11.74	91	476741	21.233	ug/l	97
68) m/p-Xylenes	11.86	106	368385	42.099	ug/l	99
69) o-Xylene	12.18	106	163879	20.943	ug/l	96
70) Styrene	12.20	104	289310	21.531	ug/l	99
71) Bromoform	12.36	173	54608	21.104	ug/l #	97
73) Isopropylbenzene	12.48	105	460724	21.306	ug/l	100
74) N-amyl acetate	12.29	43	74433	19.147	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.73	83	71080	19.509	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	96325	34.724	ug/l #	100
77) Bromobenzene	12.77	156	110944	21.247	ug/l	98
78) n-propylbenzene	12.82	91	544858	21.320	ug/l	98
79) 2-Chlorotoluene	12.91	91	308015	21.065	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	395396	21.642	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	21440	19.269	ug/l	97
82) 4-Chlorotoluene	13.01	91	324231	20.841	ug/l	99
83) tert-Butylbenzene	13.23	119	337320	21.925	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	387268	21.240	ug/l	98
85) sec-Butylbenzene	13.41	105	461182	21.286	ug/l	100
86) p-Isopropyltoluene	13.52	119	429647	21.389	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	213651	21.007	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	212737	20.919	ug/l	97
89) n-Butylbenzene	13.85	91	378022	20.592	ug/l	99
90) Hexachloroethane	14.11	117	70969	20.170	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	179838	20.246	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11333	19.296	ug/l	93

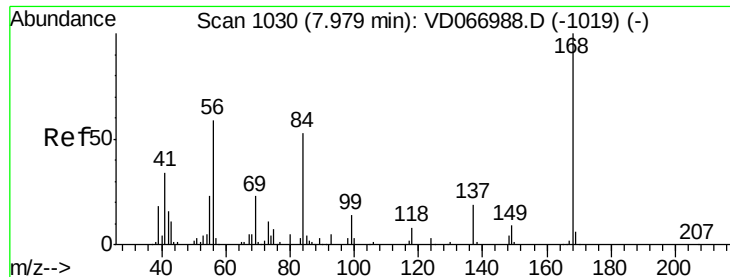
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100520\
Data File : VD067074.D
Acq On : 05 Oct 2020 10:57
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	120936	21.049	ug/l	99
94) Hexachlorobutadiene	15.28	225	74788	21.195	ug/l	98
95) Naphthalene	15.41	128	190387	19.867	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	106528	21.359	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. 0.00 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

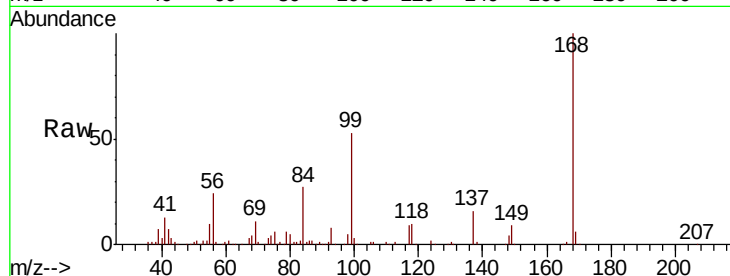
VD1005SBS01

Tot Ion:168 Resp: 471773

Ion Ratio Lower Upper

168 100

99 53.2 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

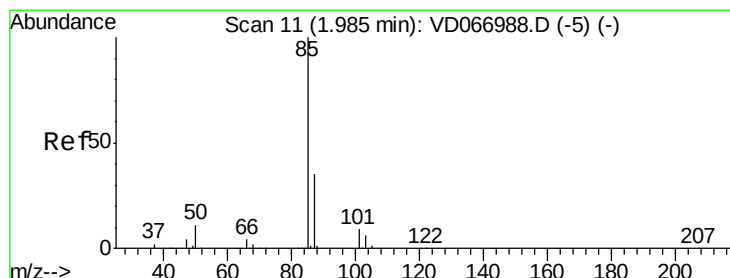
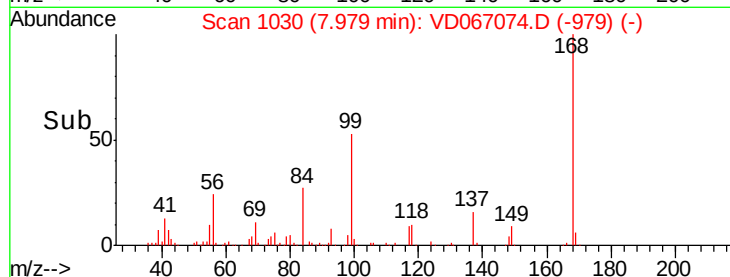
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.726 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067074.D

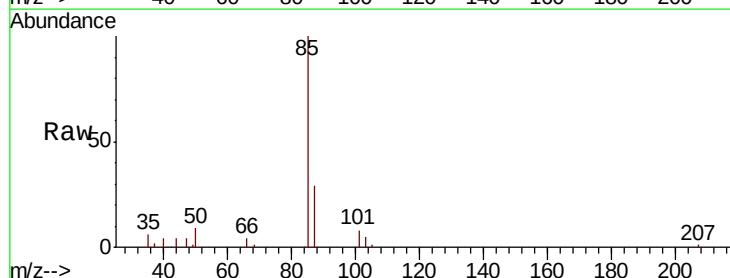
Acq: 05 Oct 2020 10:57

Tgt Ion: 85 Resp: 93161

Ion Ratio Lower Upper

85 100

87 28.9 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

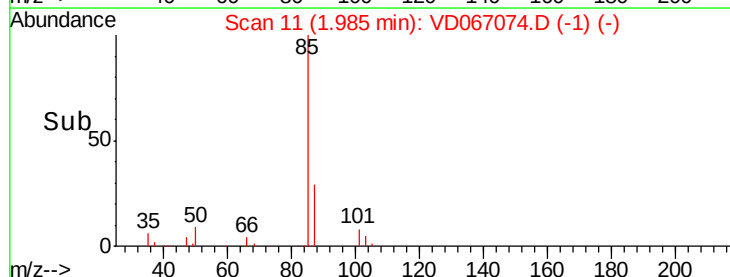
40000

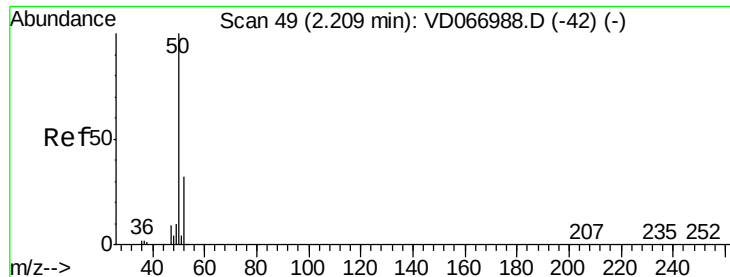
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.438 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

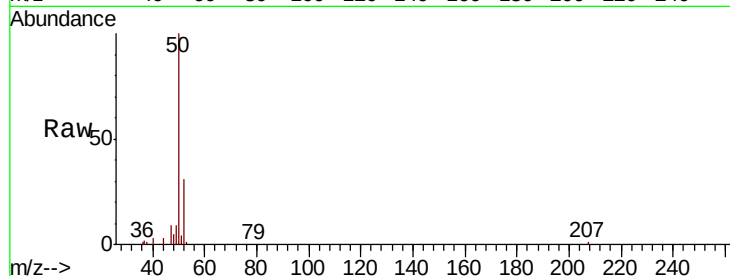
VD1005SBS01

Tot Ion: 50 Resp: 73030

Ion Ratio Lower Upper

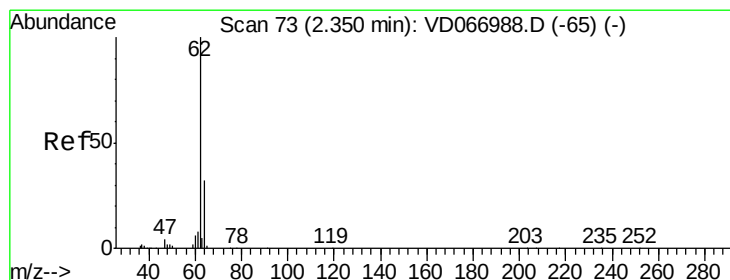
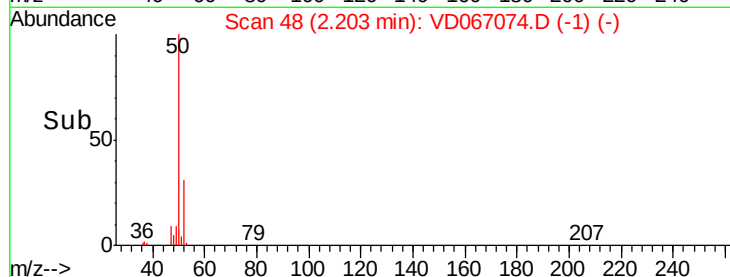
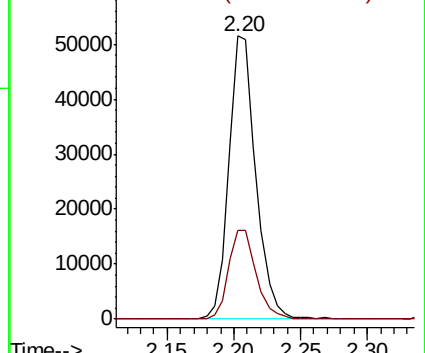
50 100

52 31.3 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.244 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD067074.D

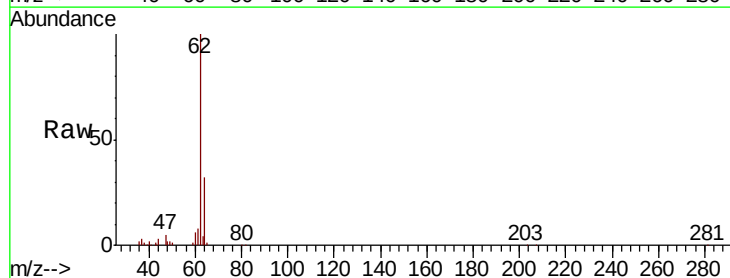
Acq: 05 Oct 2020 10:57

Tgt Ion: 62 Resp: 72498

Ion Ratio Lower Upper

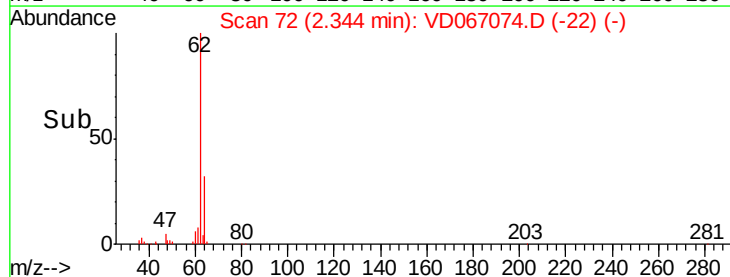
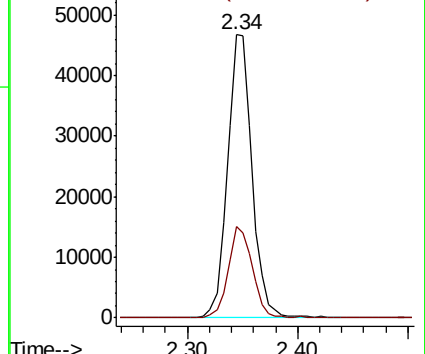
62 100

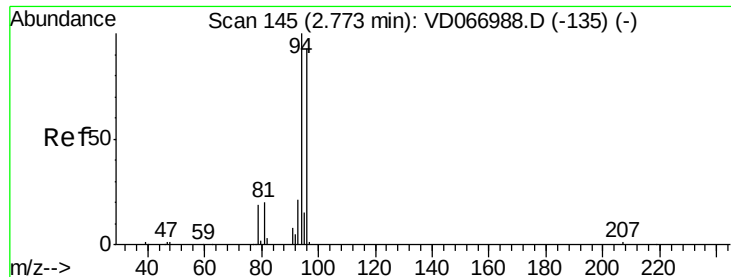
64 32.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 18.491 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

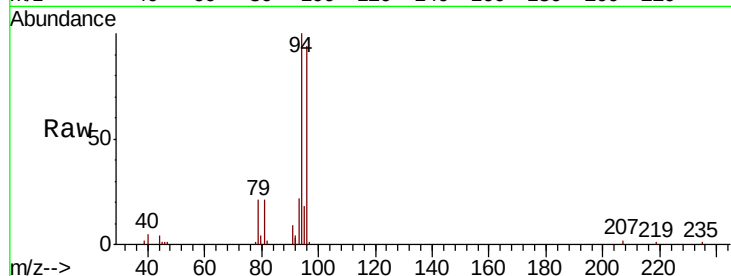
VD1005SBS01

Tot Ion: 94 Resp: 51529

Ion Ratio Lower Upper

94 100

96 93.2 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

25000

20000

15000

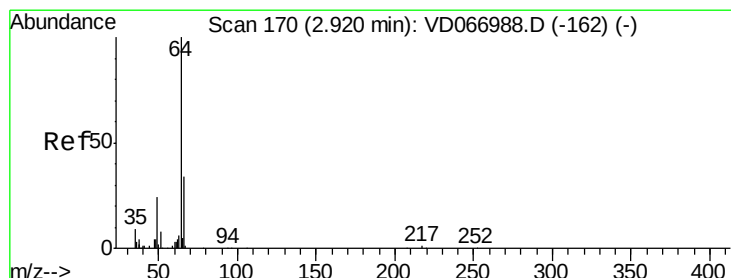
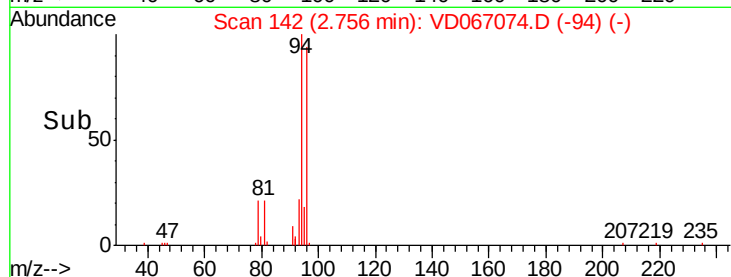
10000

5000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 18.370 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067074.D

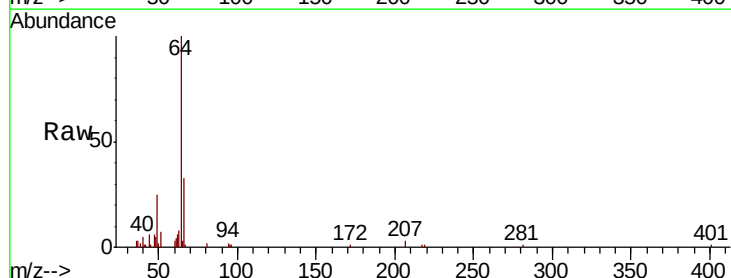
Acq: 05 Oct 2020 10:57

Tgt Ion: 64 Resp: 42146

Ion Ratio Lower Upper

64 100

66 32.7 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

20000

15000

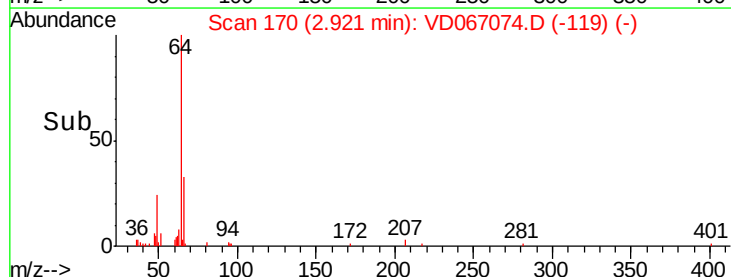
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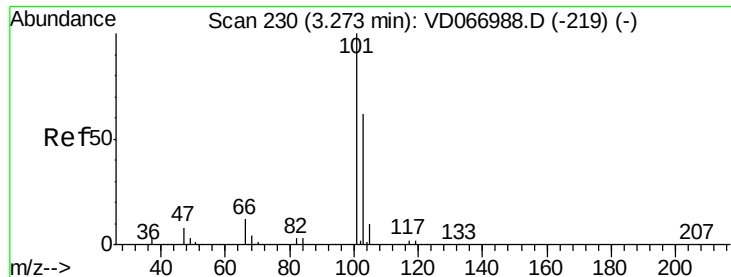
5000

0

Time-->

2.80 2.90 3.00



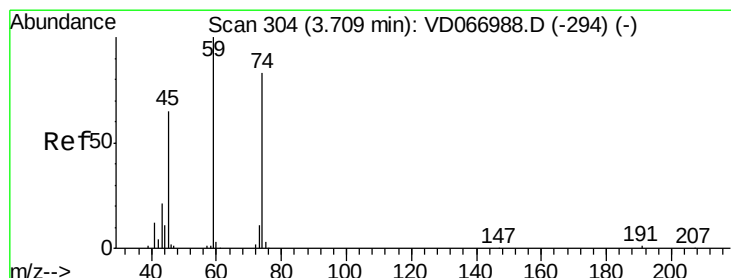
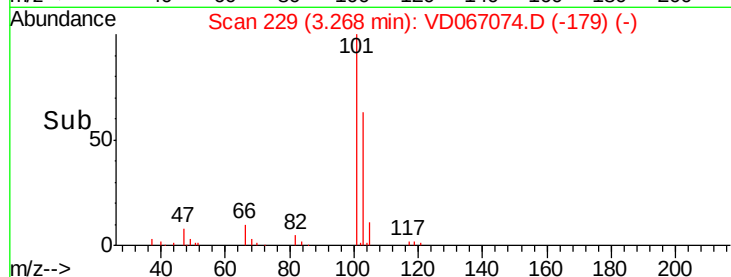
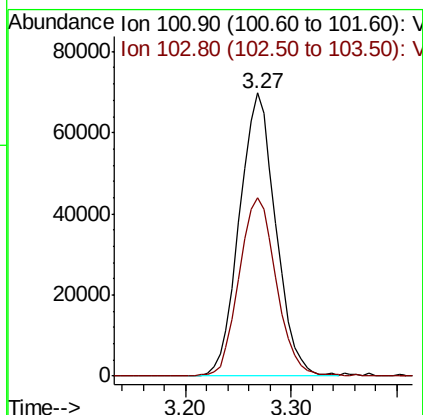
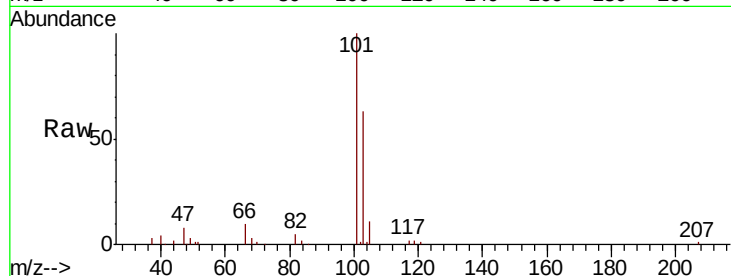


#7

Trichlorofluoromethane
 Concen: 19.925 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBS01

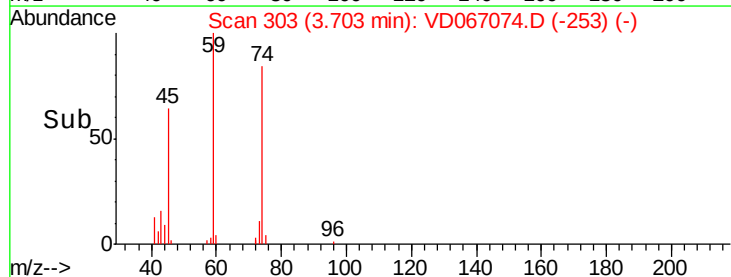
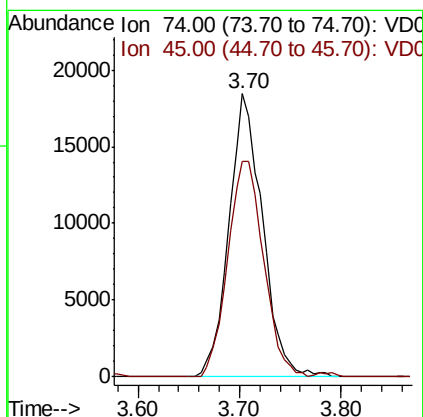
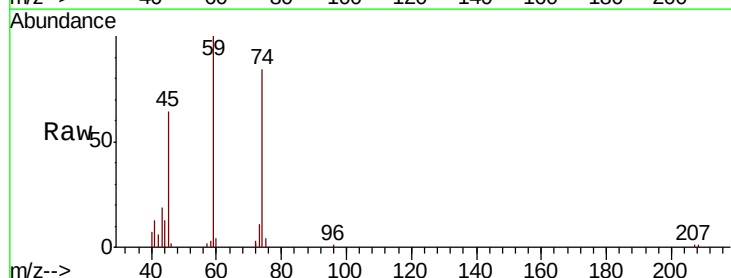
Tot Ion:101 Resp: 166772
 Ion Ratio Lower Upper
 101 100
 103 63.1 49.8 74.8

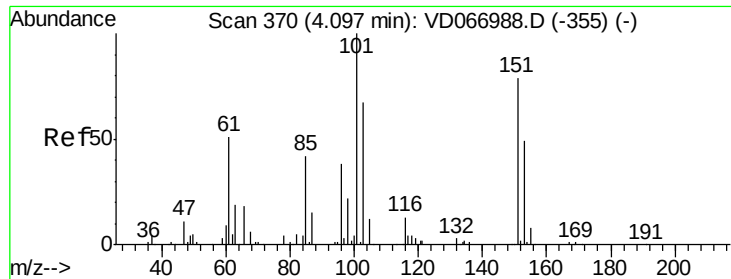


#8

Diethyl Ether
 Concen: 20.392 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

Tgt Ion: 74 Resp: 42325
 Ion Ratio Lower Upper
 74 100
 45 81.3 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.386 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD1005SBS01

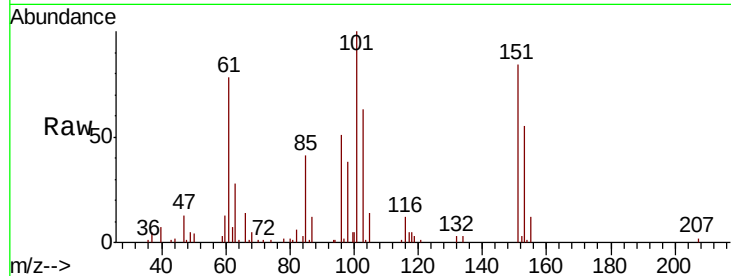
Tot Ion:101 Resp: 96444

Ion Ratio Lower Upper

101 100

85 43.7 33.8 50.8

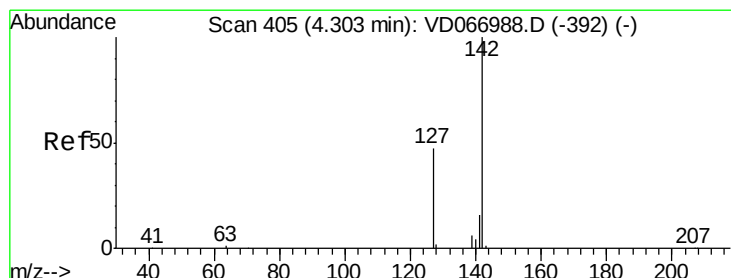
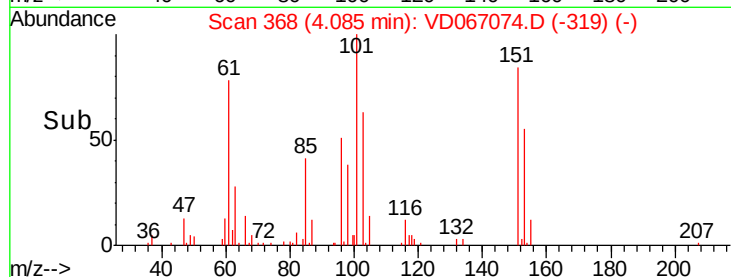
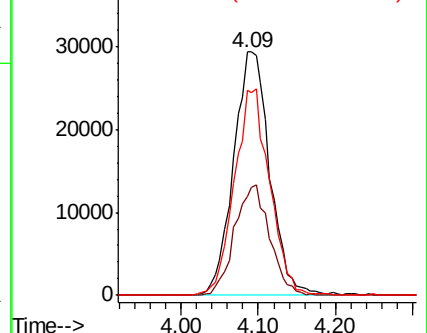
151 82.7 63.8 95.8



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: 17.084 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

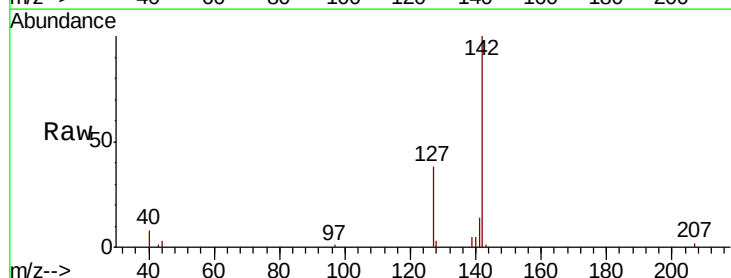
Tgt Ion:142 Resp: 78529

Ion Ratio Lower Upper

142 100

127 44.2 36.3 54.5

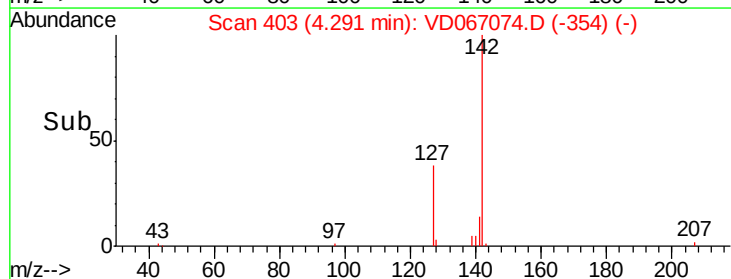
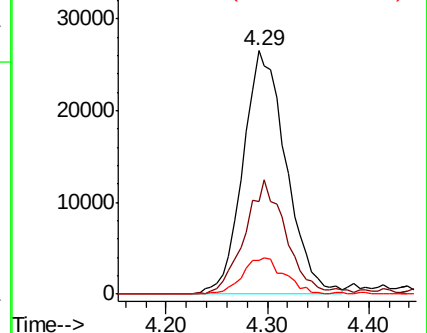
141 14.4 12.0 18.0

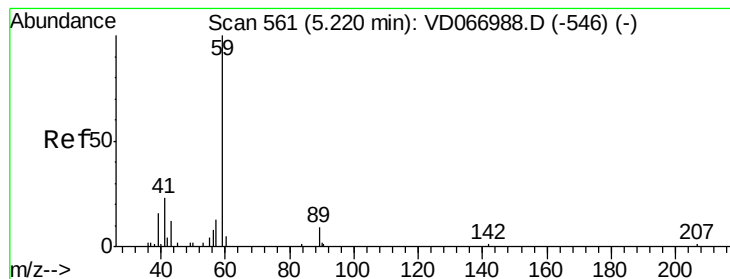


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



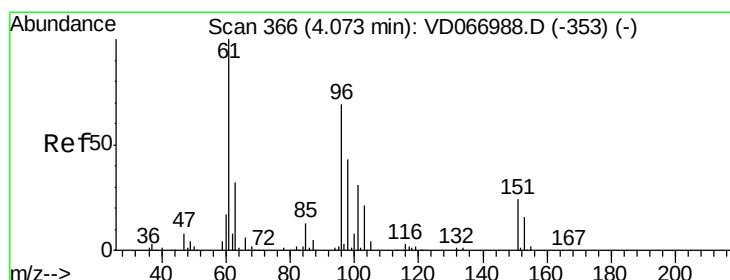
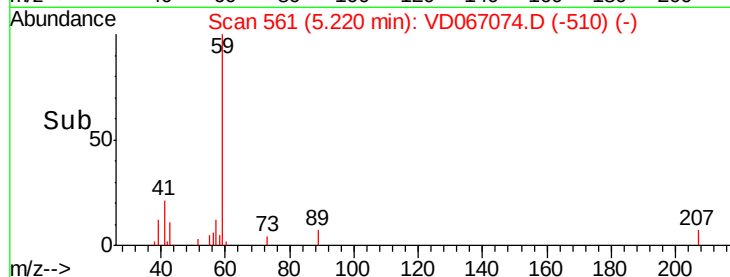
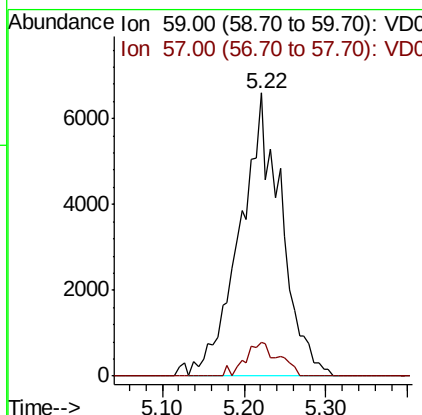
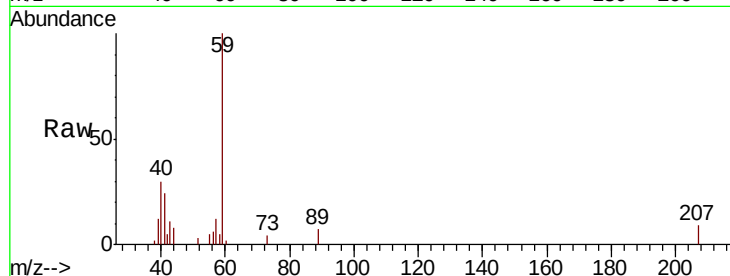


#11

Tert butyl alcohol
 Concen: 48.063 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBS01

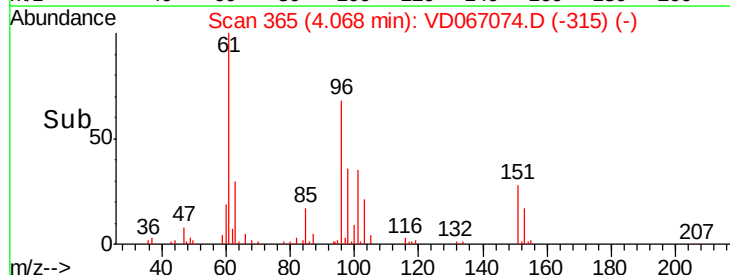
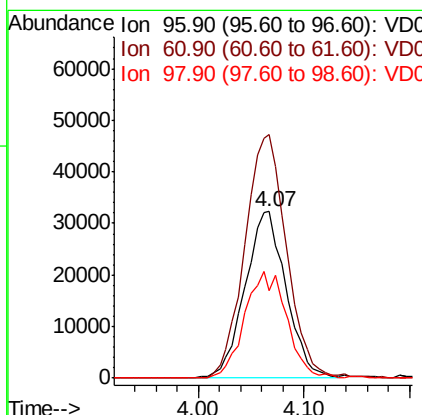
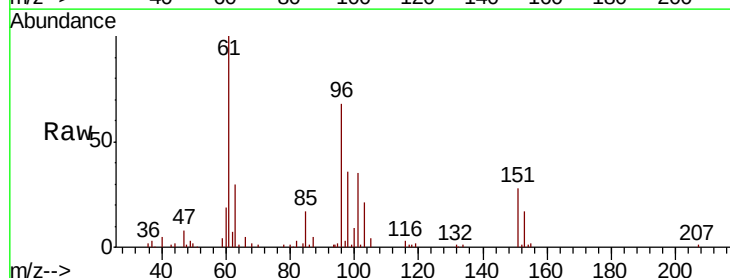
Tot Ion: 59 Resp: 23252
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.2 12.4

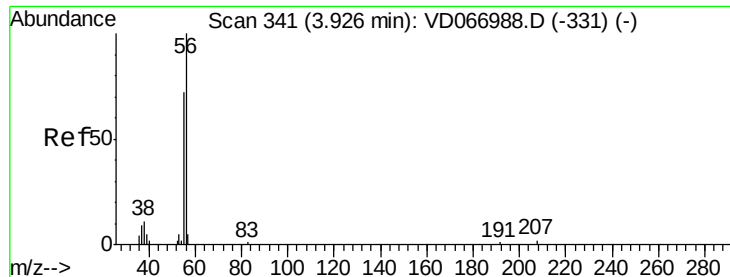


#12

1,1-Dichloroethene
 Concen: 19.670 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

Tgt Ion: 96 Resp: 87479
 Ion Ratio Lower Upper
 96 100
 61 146.5 116.4 174.6
 98 52.9 49.9 74.9





#13

Acrolein

Concen: 91.317 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

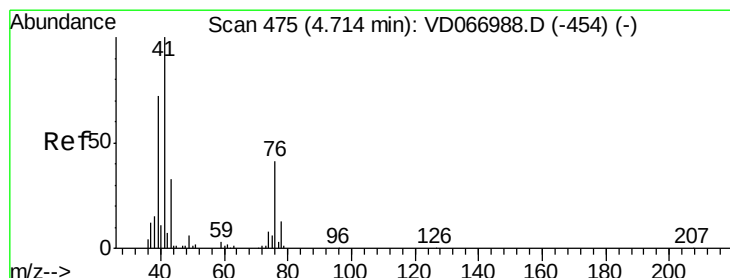
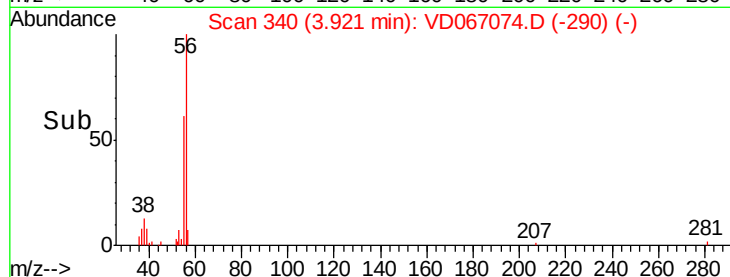
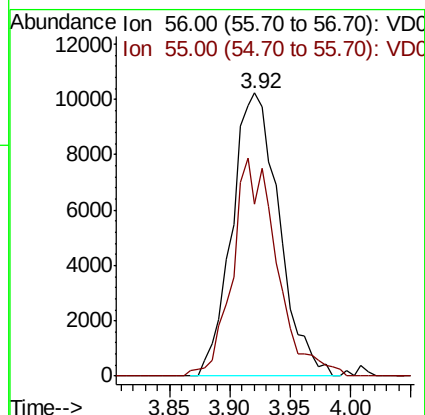
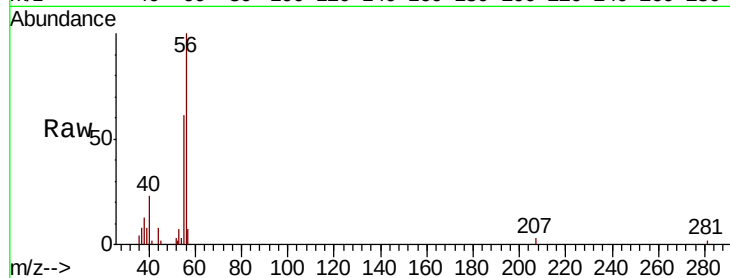
VD1005SBS01

Tot Ion: 56 Resp: 27785

Ion Ratio Lower Upper

56 100

55 72.2 56.9 85.3



#14

Allyl chloride

Concen: 19.842 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

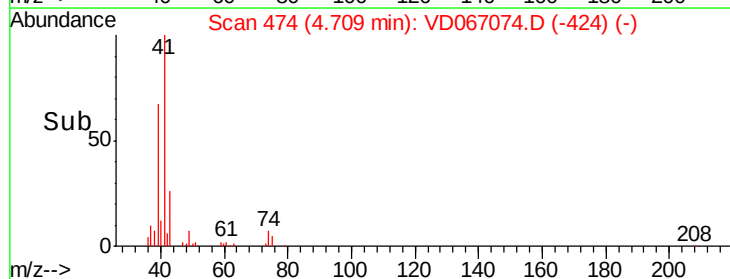
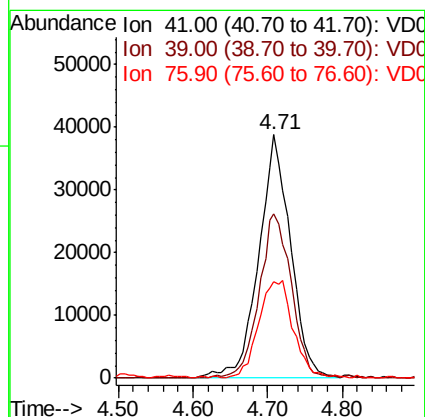
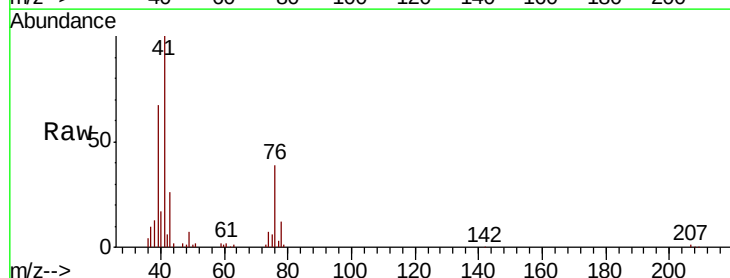
Tgt Ion: 41 Resp: 114636

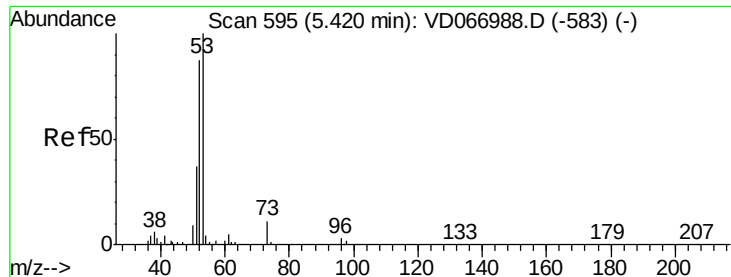
Ion Ratio Lower Upper

41 100

39 68.5 56.2 84.2

76 43.5 34.2 51.2





#15

Acrylonitrile

Concen: 95.270 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD1005SBS01

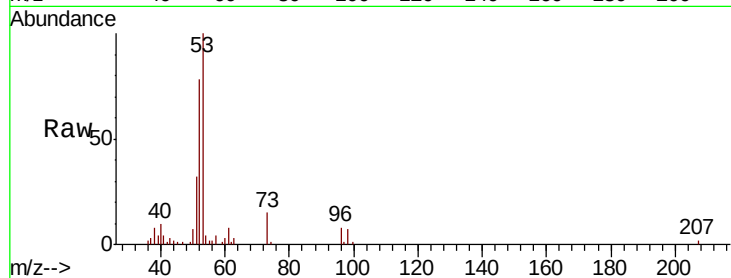
Tot Ion: 53 Resp: 72776

Ion Ratio Lower Upper

53 100

52 82.3 67.3 100.9

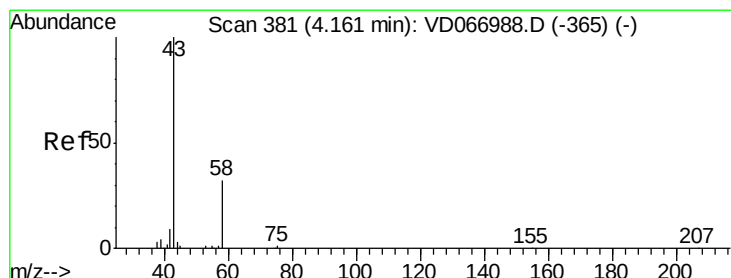
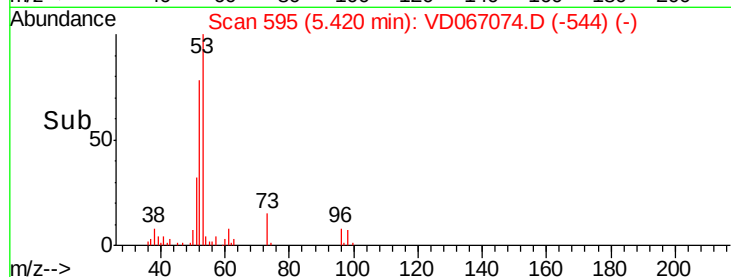
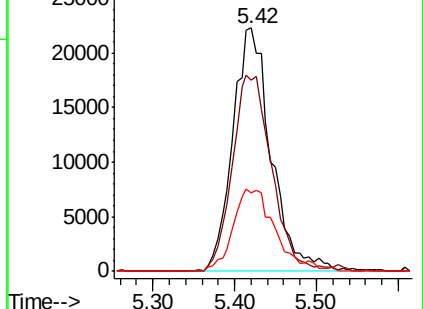
51 37.2 30.2 45.2



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: 104.775 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067074.D

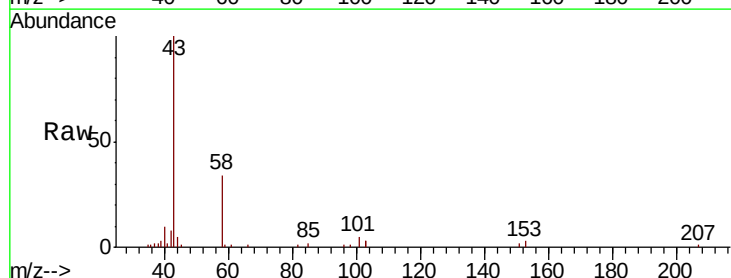
Acq: 05 Oct 2020 10:57

Tgt Ion: 43 Resp: 72678

Ion Ratio Lower Upper

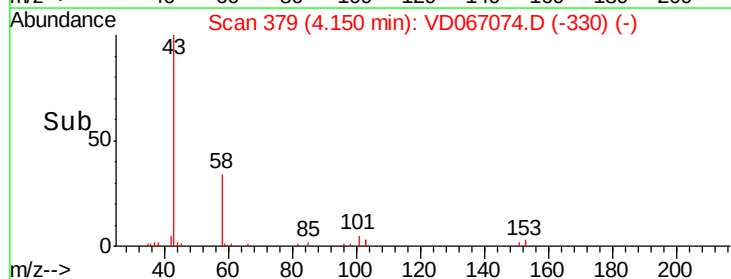
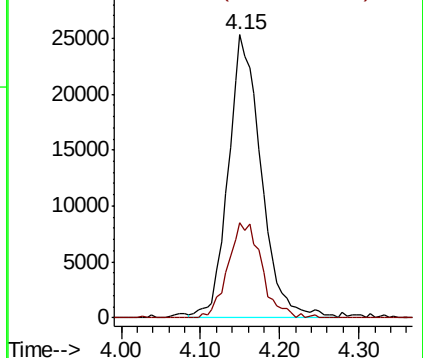
43 100

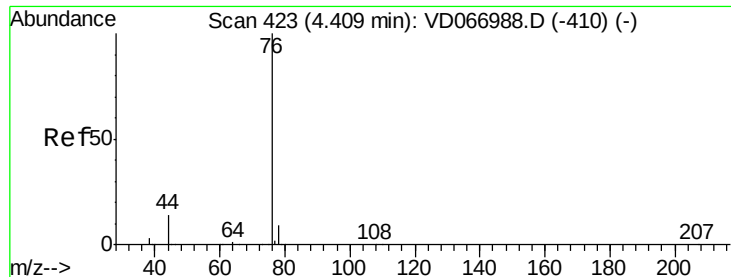
58 33.8 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 19.973 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

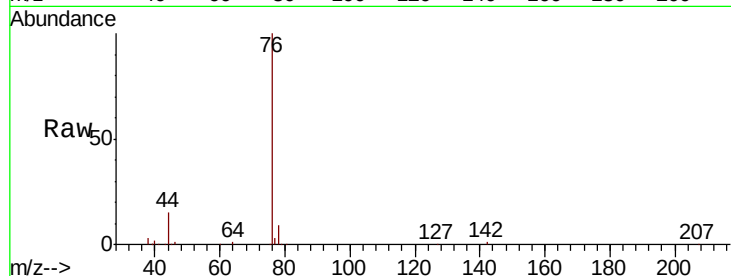
VD1005SBS01

Tot Ion: 76 Resp: 272593

Ion Ratio Lower Upper

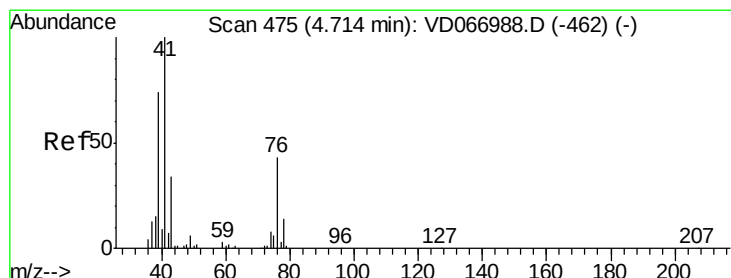
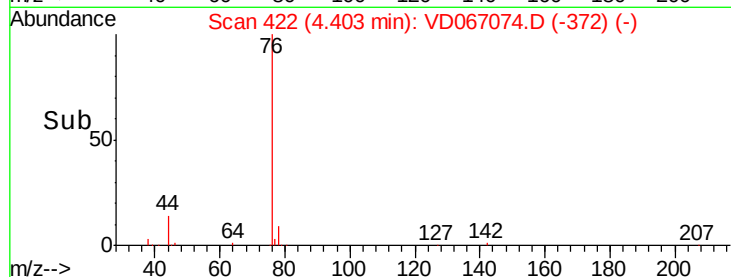
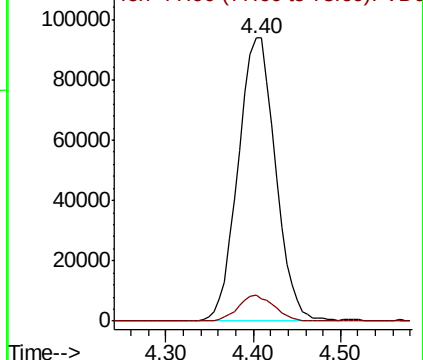
76 100

78 9.1 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: 19.414 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067074.D

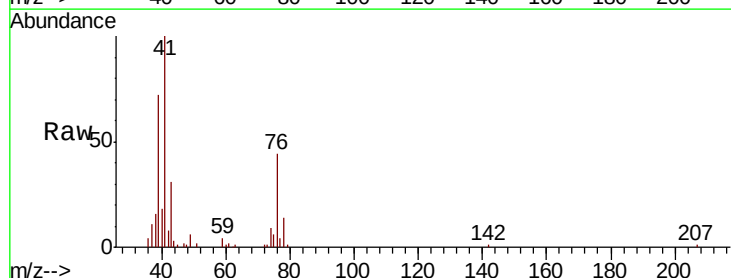
Acq: 05 Oct 2020 10:57

Tgt Ion: 43 Resp: 33847

Ion Ratio Lower Upper

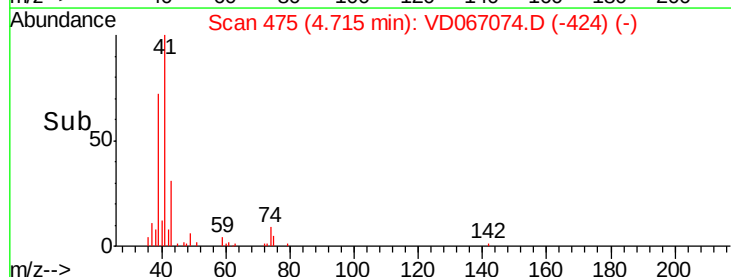
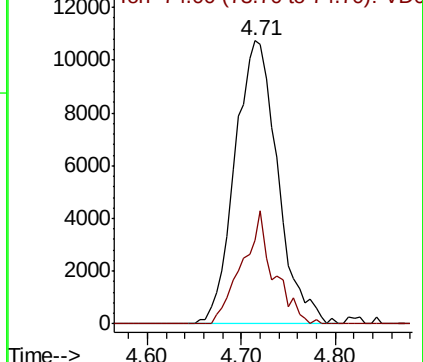
43 100

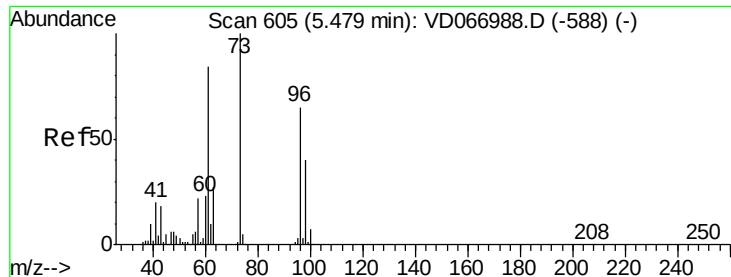
74 29.4 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



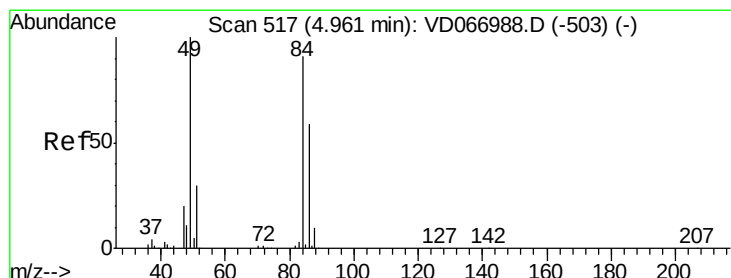
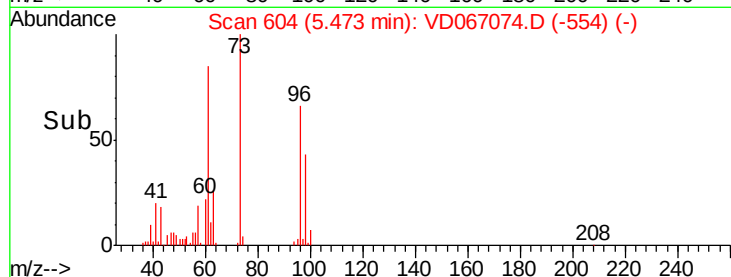
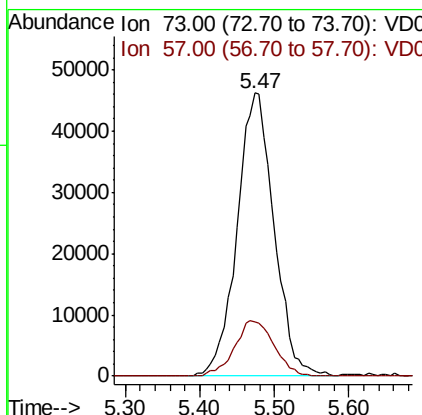
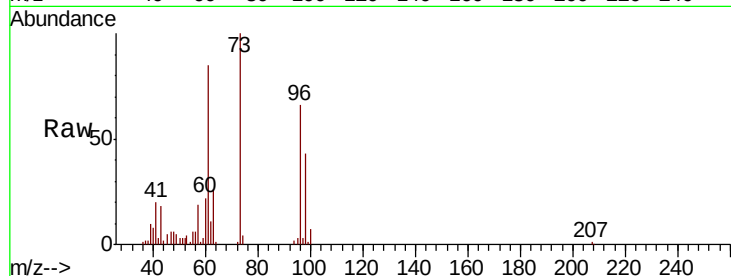


#19

Methyl tert-butyl Ether
 Concen: 19.537 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBS01

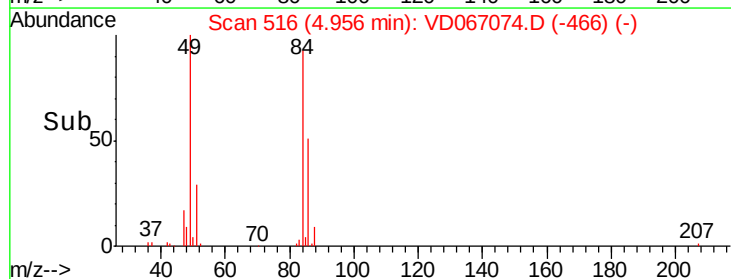
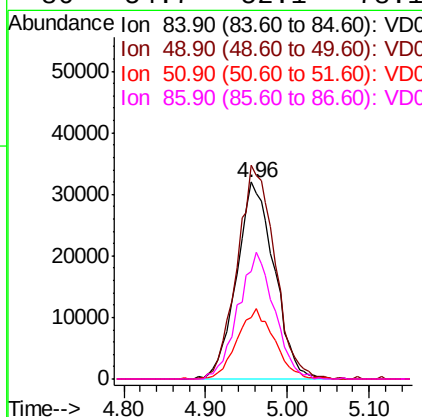
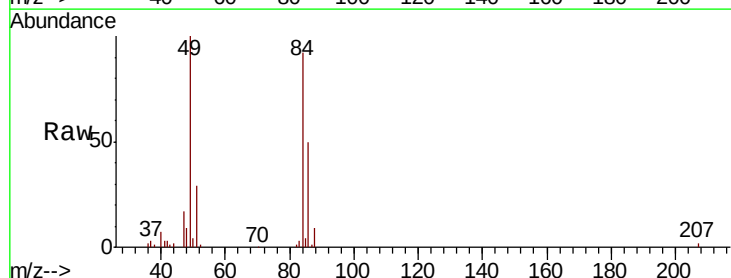
Tot Ion: 73 Resp: 158611
 Ion Ratio Lower Upper
 73 100
 57 19.2 17.4 26.0

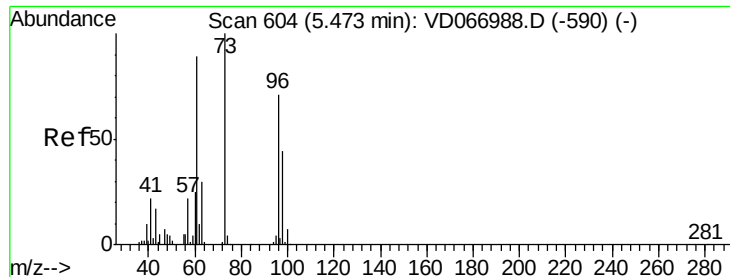


#20

Methylene Chloride
 Concen: 15.732 ug/l
 RT: 4.96 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

Tgt Ion: 84 Resp: 101982
 Ion Ratio Lower Upper
 84 100
 49 108.5 88.2 132.2
 51 31.4 26.6 39.8
 86 54.7 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 20.189 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD1005SBS01

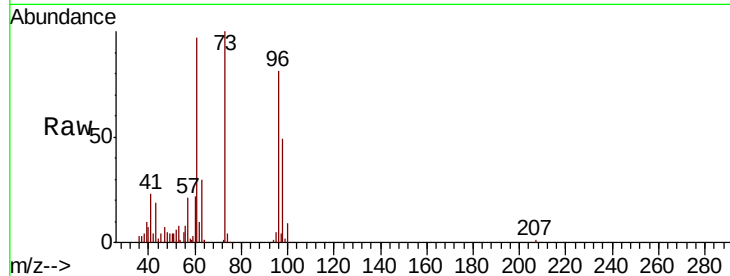
Tot Ion: 96 Resp: 102181

Ion Ratio Lower Upper

96 100

61 119.3 99.6 149.4

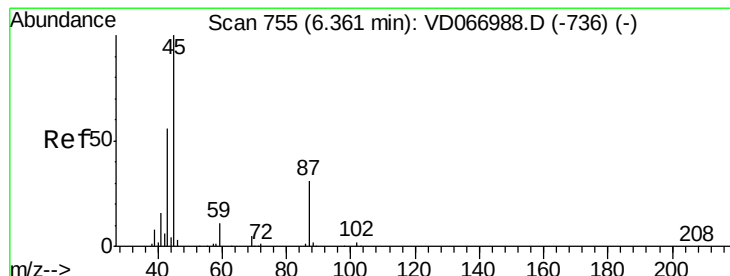
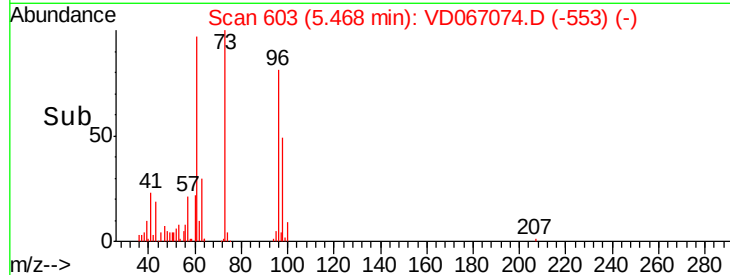
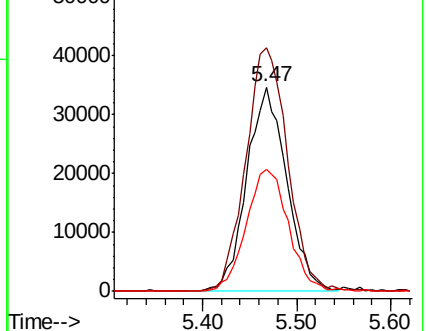
98 60.1 49.4 74.2



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



#22

Diisopropyl ether

Concen: 20.263 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Tgt Ion: 45 Resp: 213729

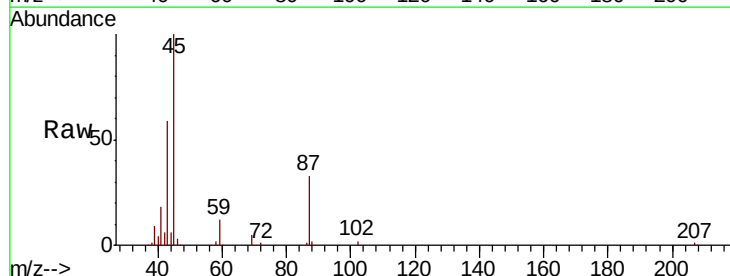
Ion Ratio Lower Upper

45 100

43 58.1 45.2 67.8

87 32.5 25.6 38.4

59 11.6 9.1 13.7

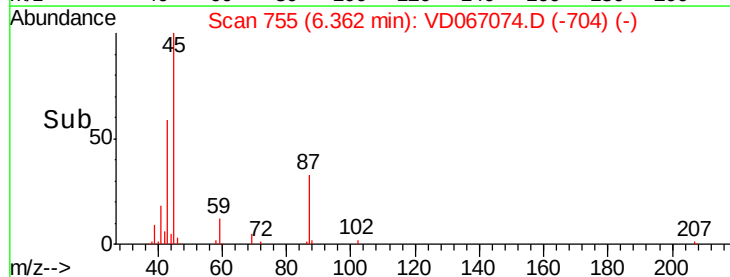
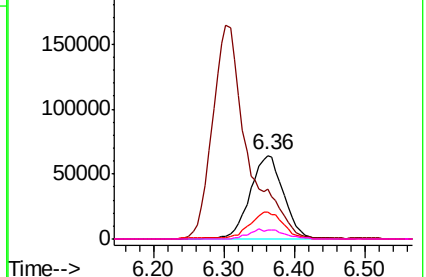


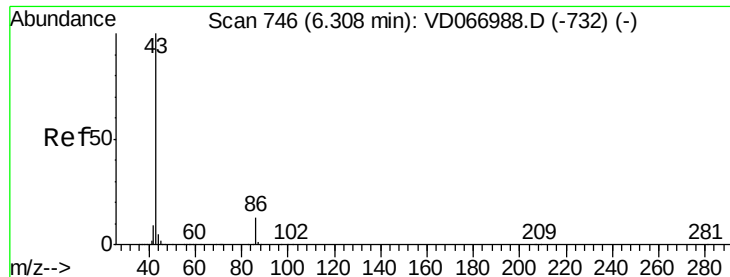
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 94.910 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

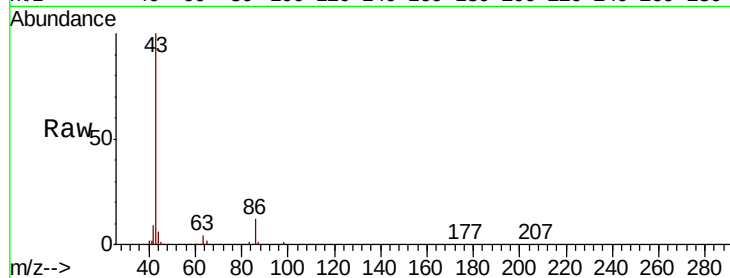
VD1005SBS01

Tot Ion: 43 Resp: 567266

Ion Ratio Lower Upper

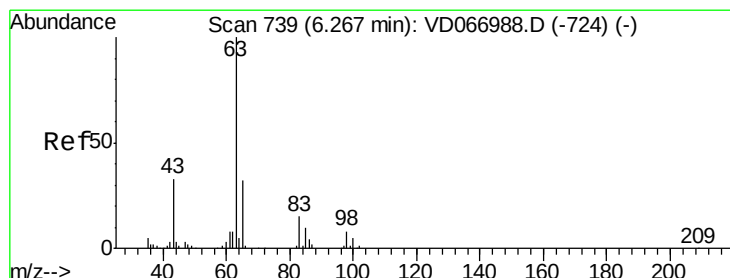
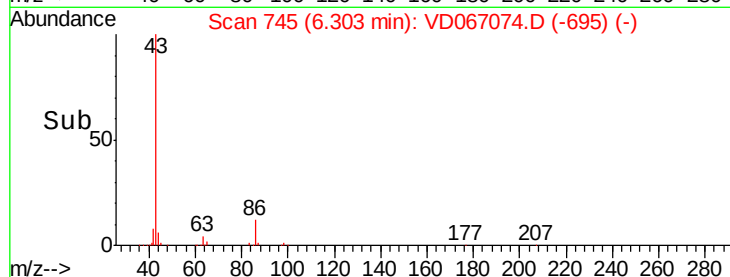
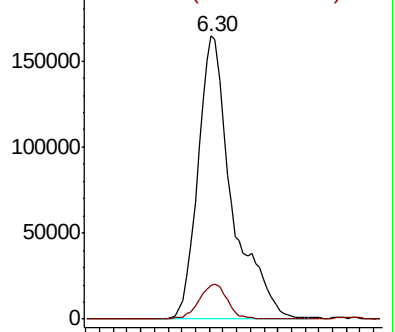
43 100

86 12.0 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.728 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

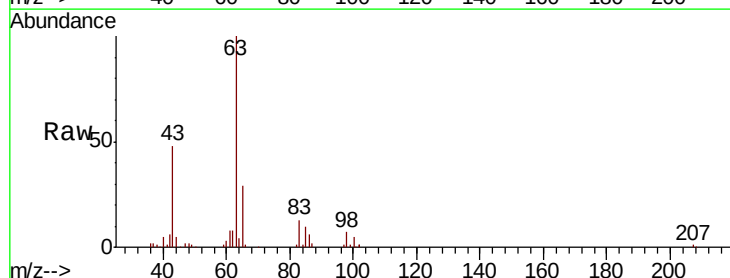
Tgt Ion: 63 Resp: 160584

Ion Ratio Lower Upper

63 100

98 7.0 4.2 12.6

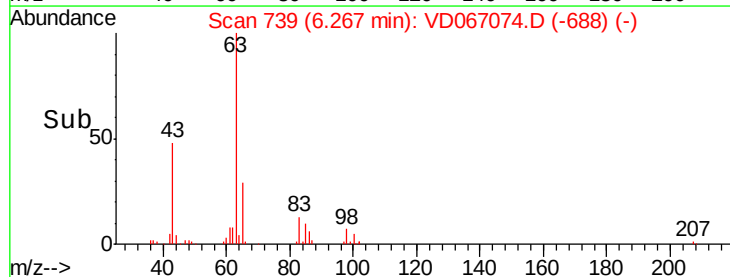
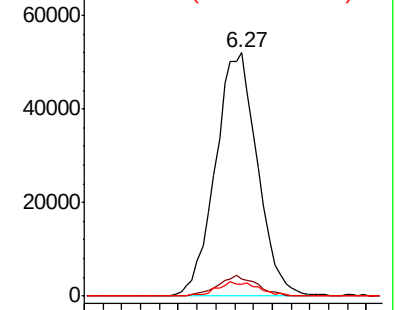
100 4.8 2.6 7.8

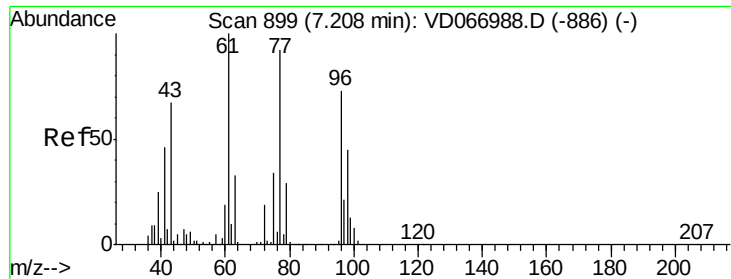


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

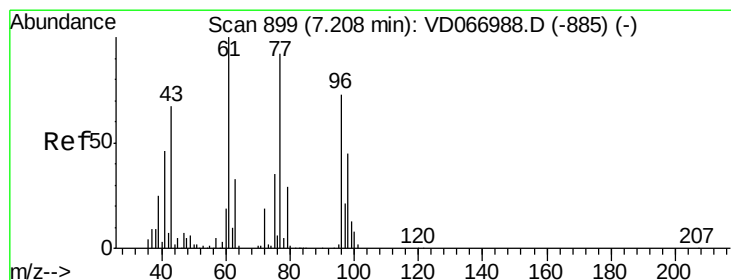
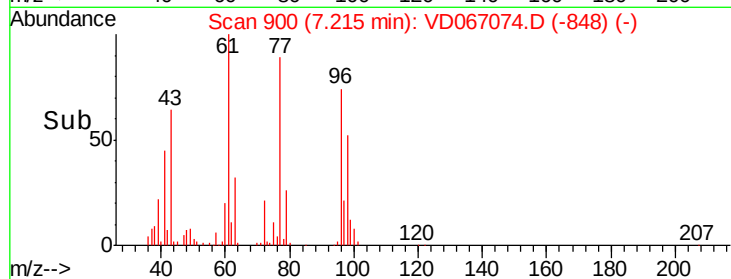
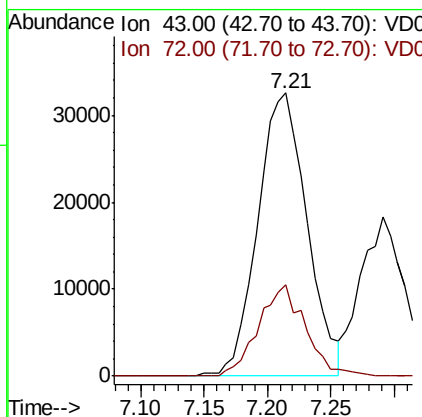
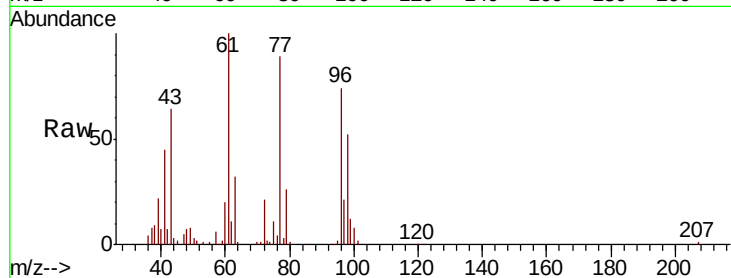




#25
2-Butanone
Concen: 89.658 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

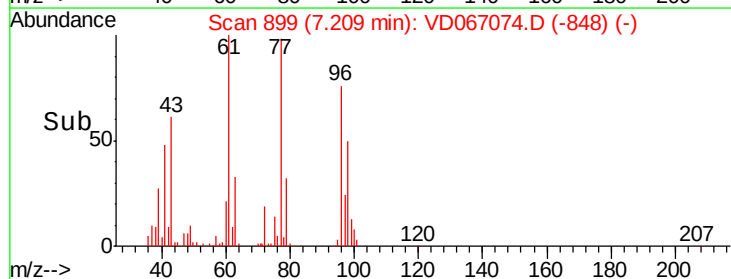
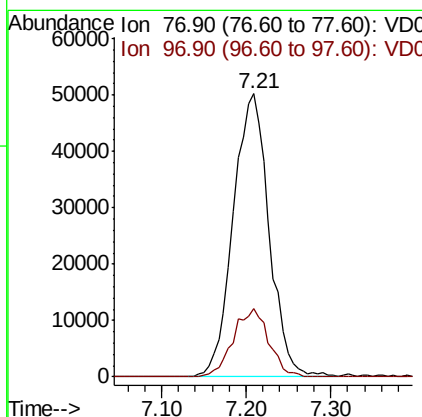
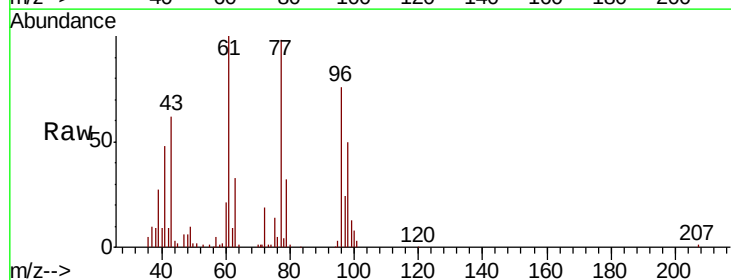
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBS01

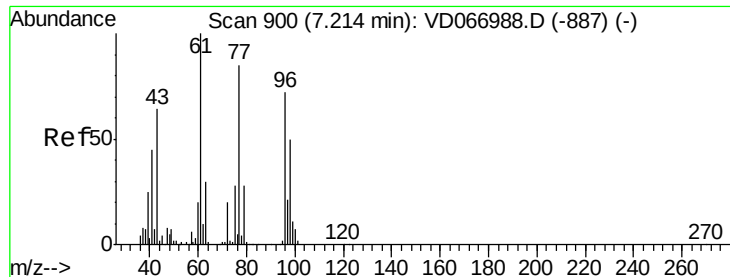
Tot Ion: 43 Resp: 88174
Ion Ratio Lower Upper
43 100
72 32.2 22.8 34.2



#26
2,2-Dichloropropane
Concen: 18.621 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

Tgt Ion: 77 Resp: 147634
Ion Ratio Lower Upper
77 100
97 23.9 11.4 34.2



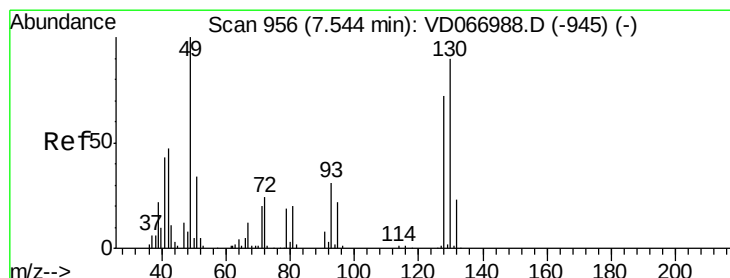
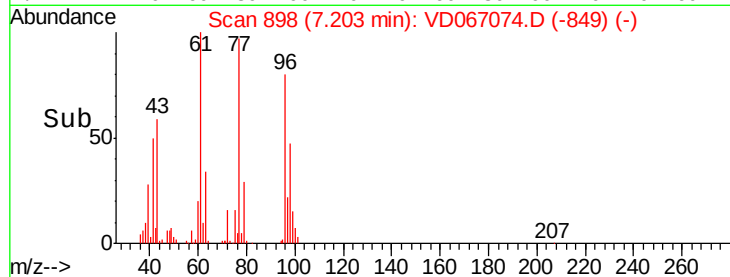
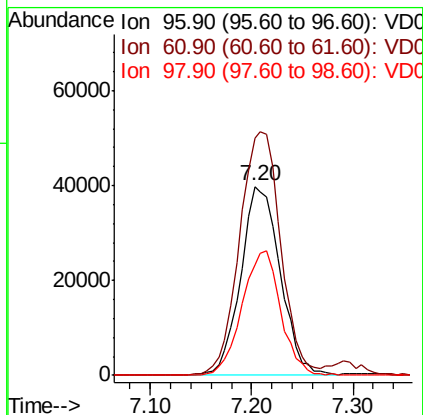
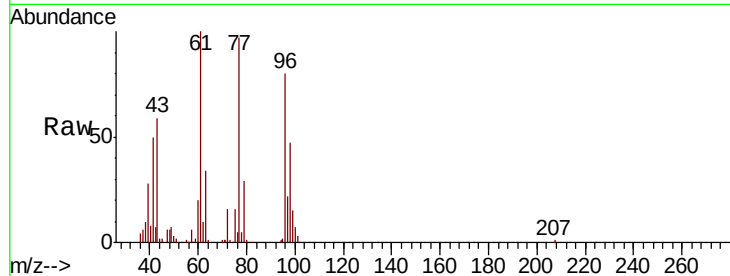


#27

cis-1,2-Dichloroethene
 Concen: 19.922 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBS01

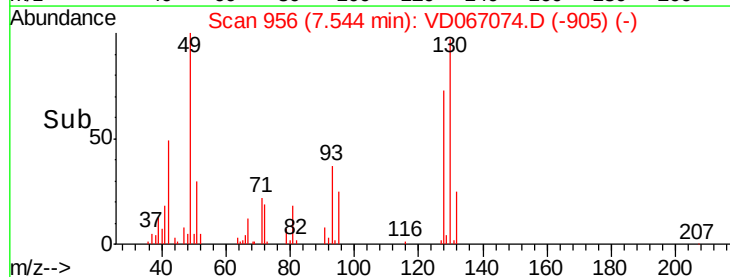
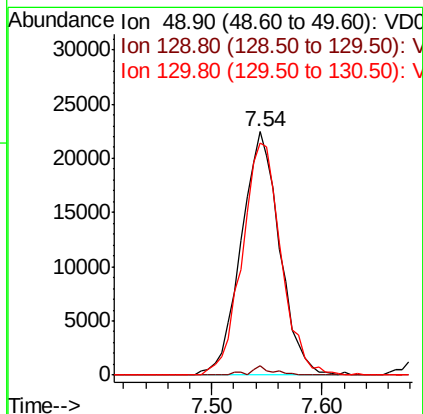
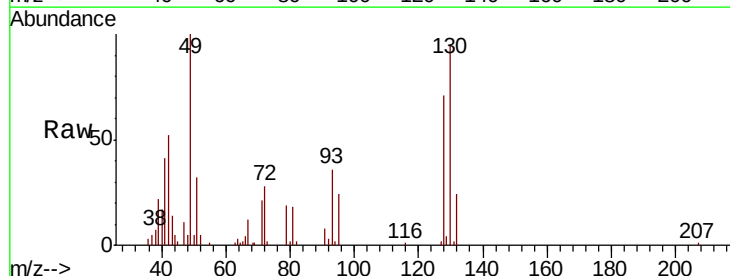
Tot Ion: 96 Resp: 107684
 Ion Ratio Lower Upper
 96 100
 61 134.1 0.0 269.2
 98 64.5 0.0 129.4

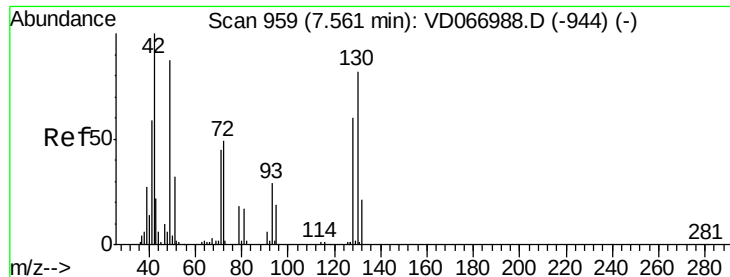


#28

Bromochloromethane
 Concen: 17.461 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

Tgt Ion: 49 Resp: 54890
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 96.5 74.1 111.1

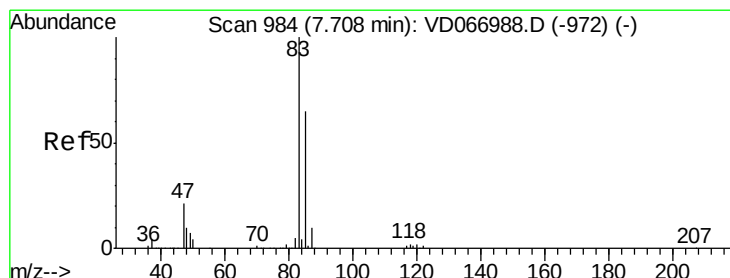
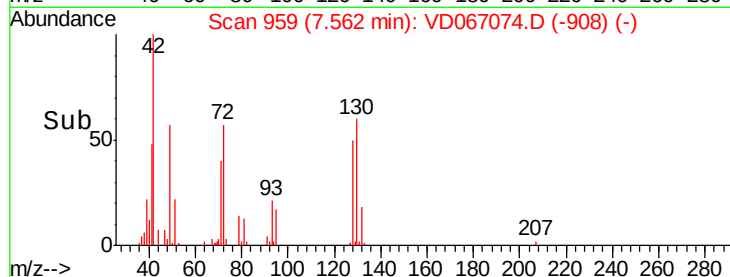
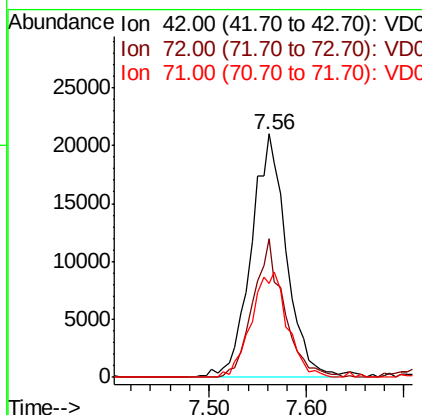
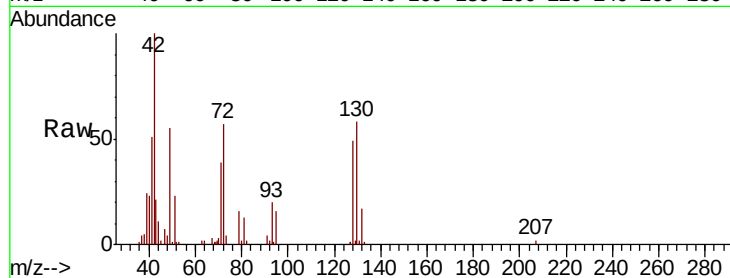




#29
Tetrahydrofuran
Concen: 94.245 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

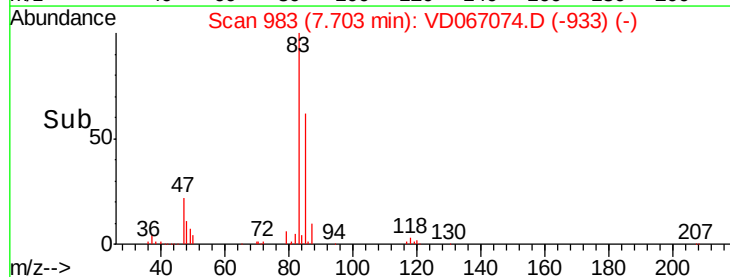
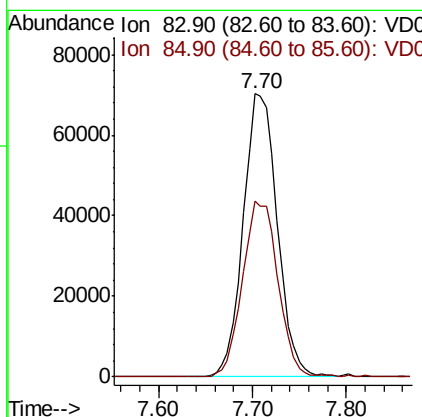
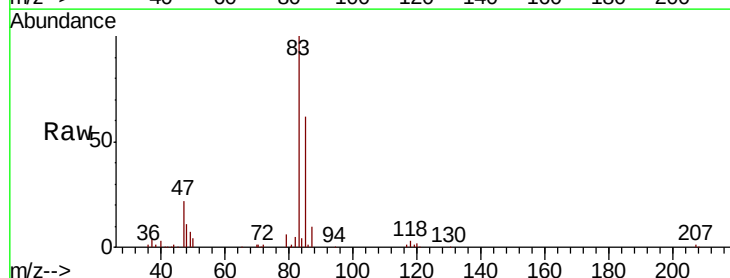
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBS01

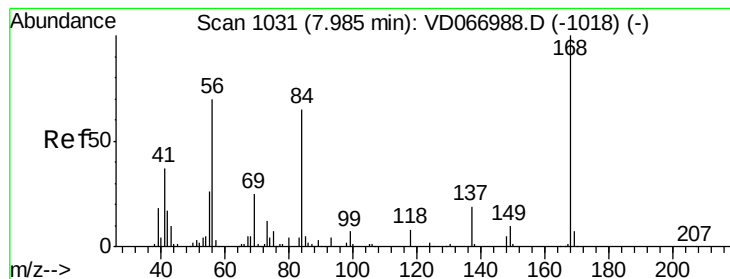
Tot Ion: 42 Resp: 53293
Ion Ratio Lower Upper
42 100
72 50.3 39.1 58.7
71 44.1 34.2 51.4



#30
Chloroform
Concen: 19.949 ug/l
RT: 7.70 min Scan# 983
Delta R.T. -0.01 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

Tgt Ion: 83 Resp: 176151
Ion Ratio Lower Upper
83 100
85 62.0 52.3 78.5





#31

Cyclohexane

Concen: 19.514 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD1005SBS01

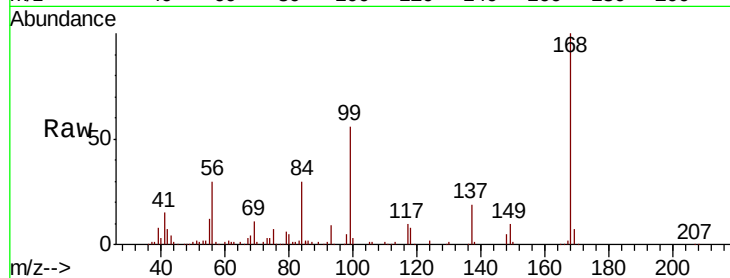
Tot Ion: 56 Resp: 133172

Ion Ratio Lower Upper

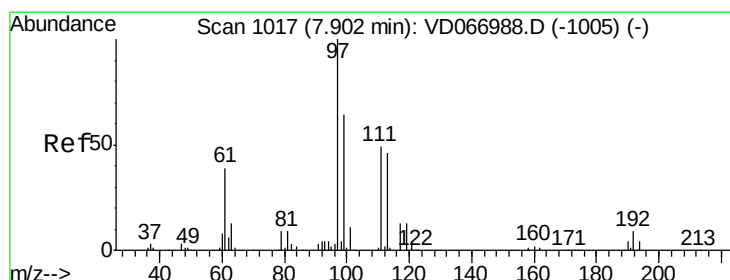
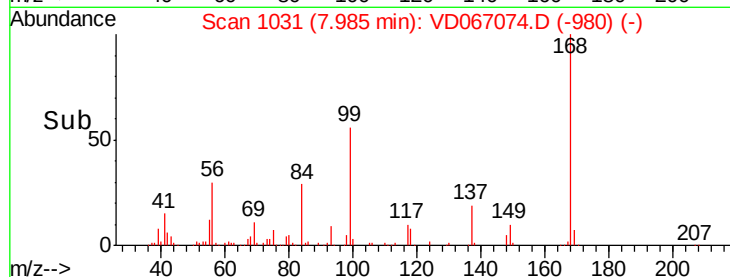
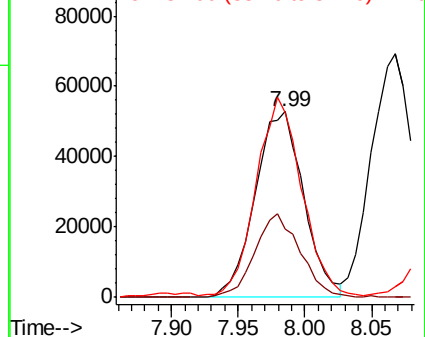
56 100

69 36.8 29.0 43.6

84 96.9 74.2 111.2



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: 20.199 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

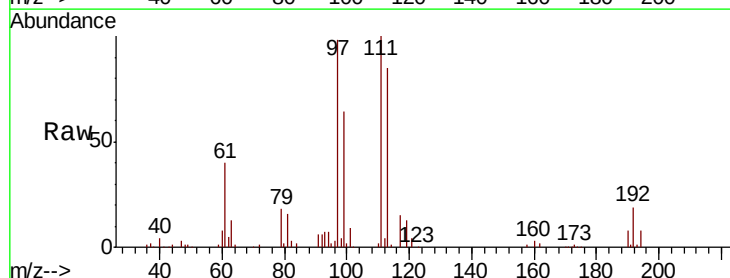
Tgt Ion: 97 Resp: 165297

Ion Ratio Lower Upper

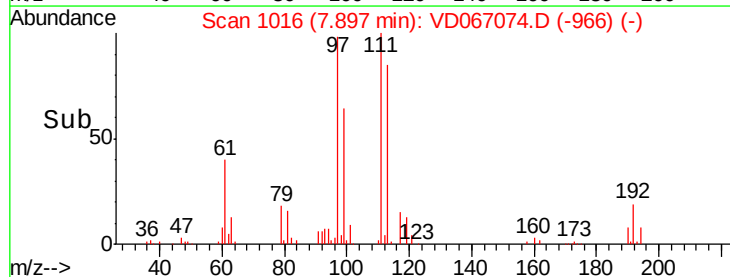
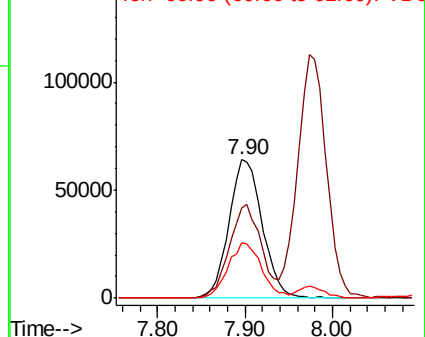
97 100

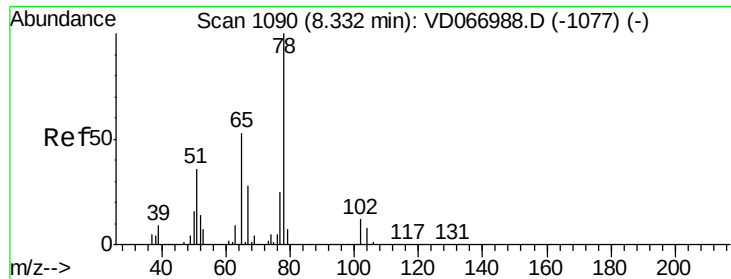
99 65.7 52.6 78.8

61 39.9 32.8 49.2



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

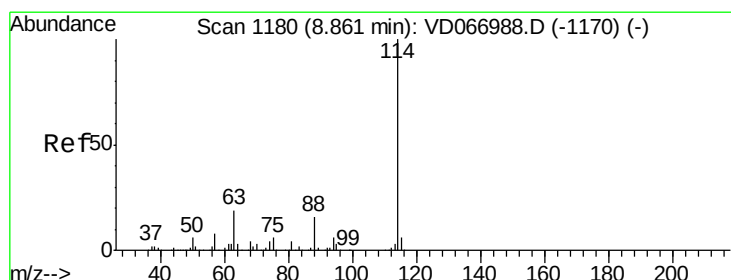
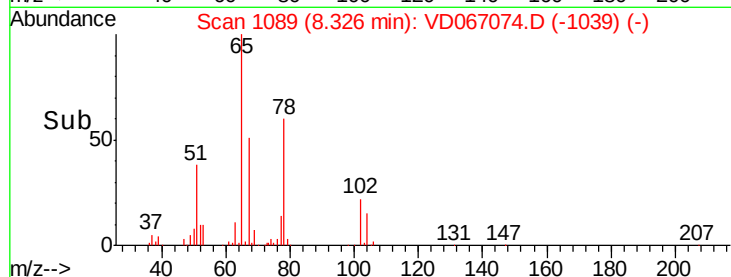
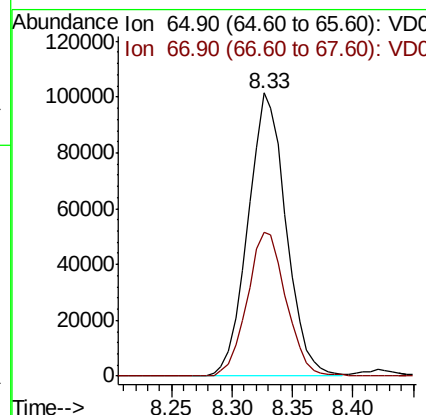
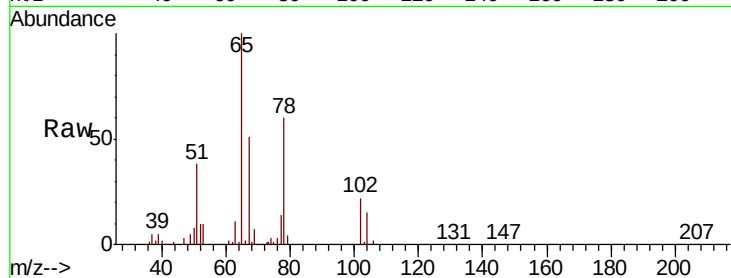




#33
 1,2-Dichloroethane-d4
 Concen: 48.955 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

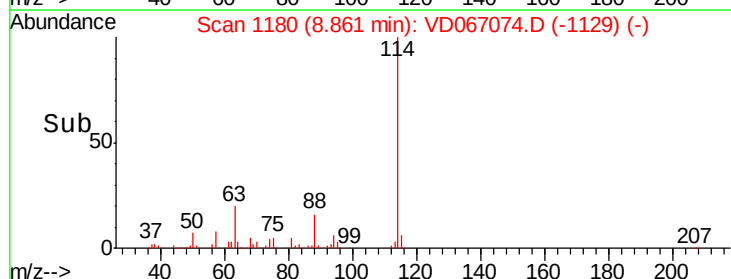
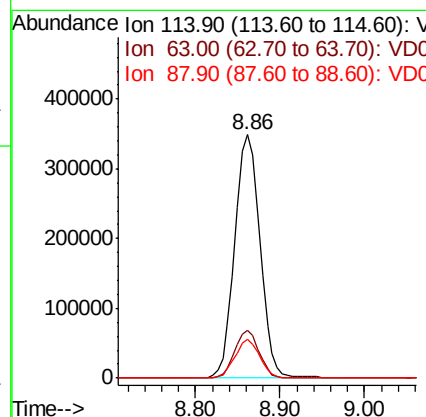
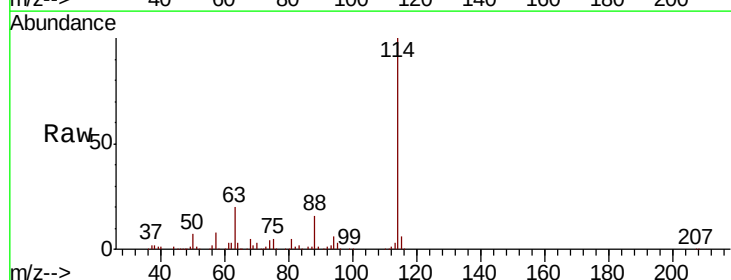
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBS01

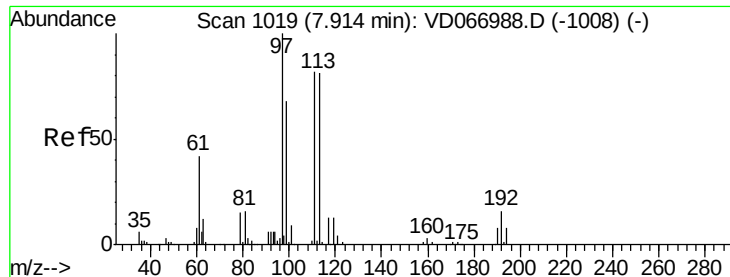
Tot Ion: 65 Resp: 222457
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

Tgt Ion: 114 Resp: 719816
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.4
 88 15.7 0.0 31.2

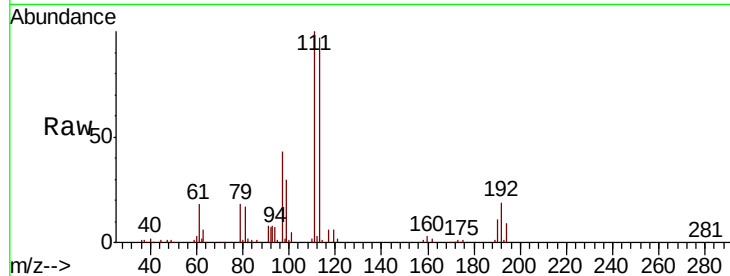




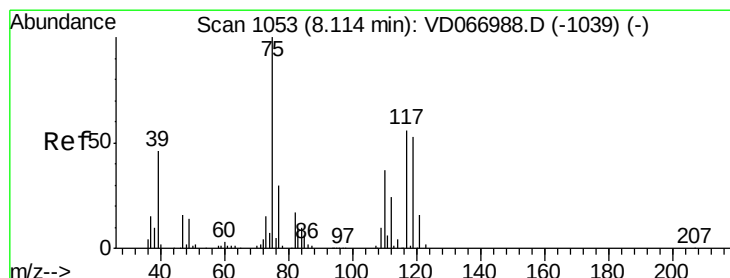
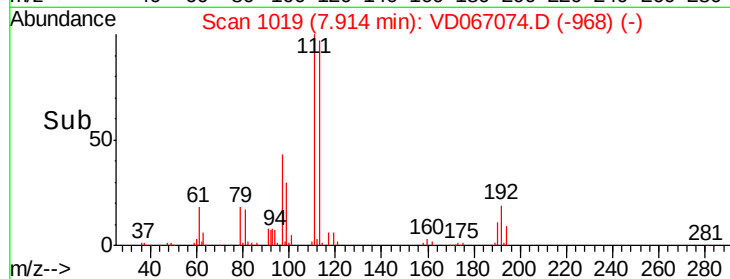
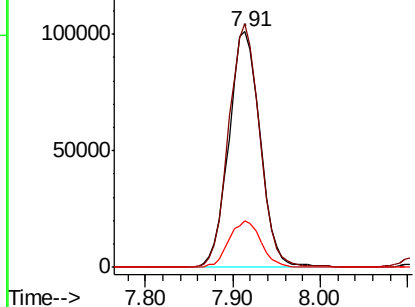
#35
 Dibromofluoromethane
 Concen: 52.179 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.0	124.4
192	20.1	15.5	23.3

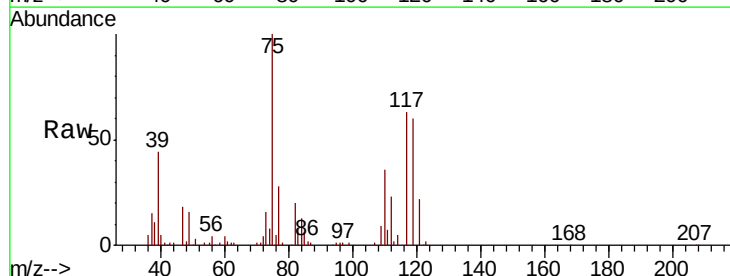


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

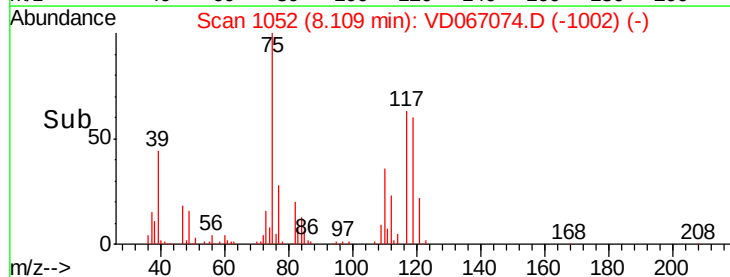
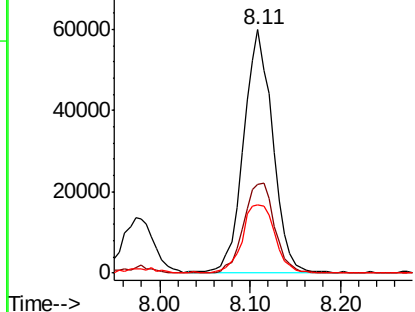


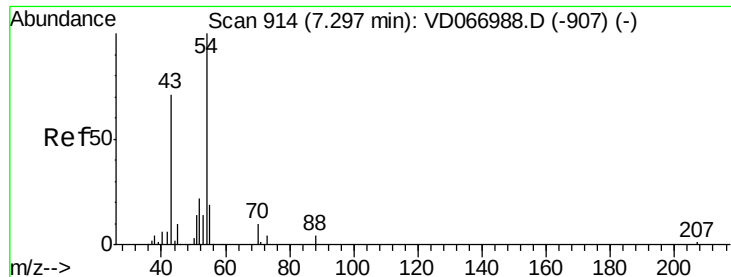
#36
 1,1-Dichloropropene
 Concen: 19.748 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.4	18.4	55.0
77	32.1	24.8	37.2



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

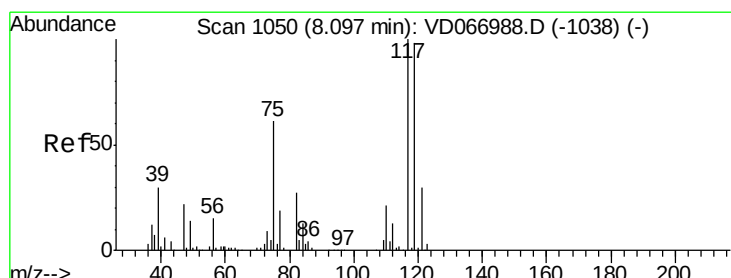
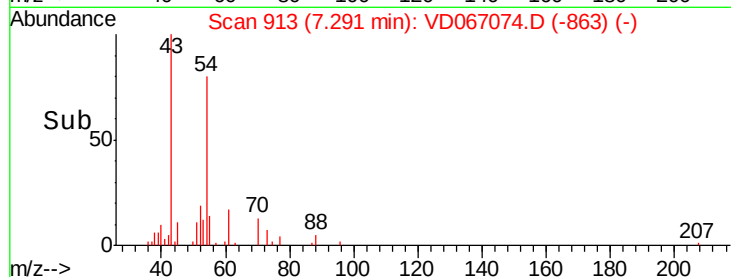
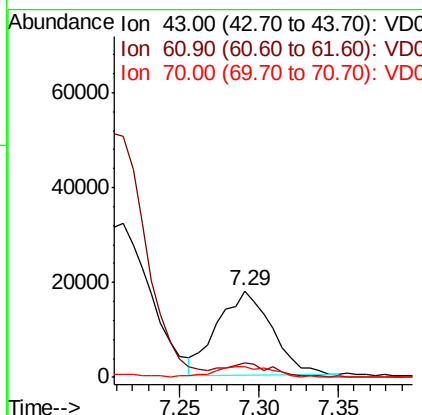
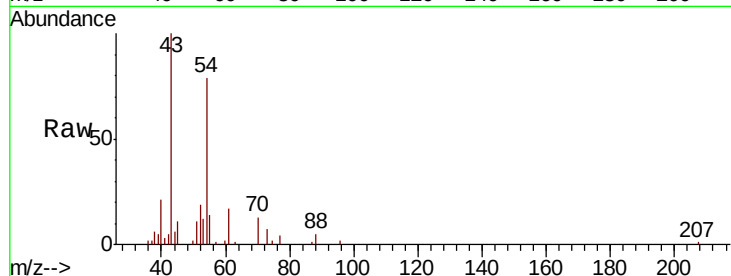




#37
Ethyl Acetate
Concen: 18.199 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

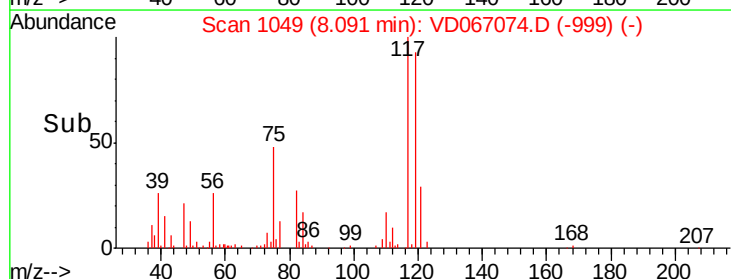
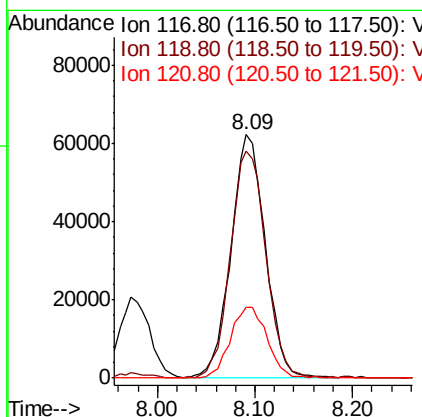
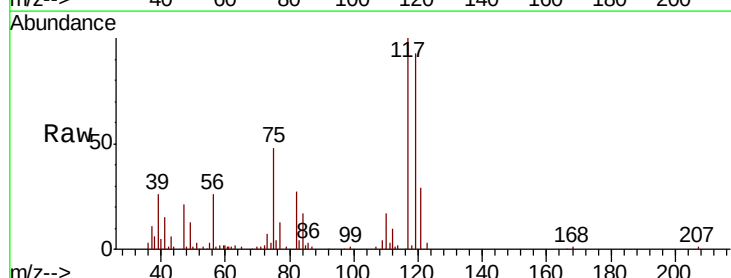
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBS01

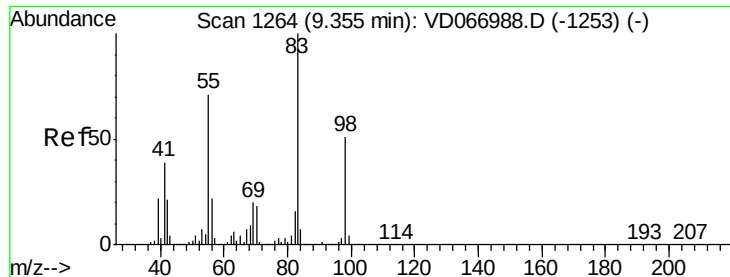
Tot Ion: 43 Resp: 42300
Ion Ratio Lower Upper
43 100
61 16.3 12.5 18.7
70 14.5 9.4 14.0#



#38
Carbon Tetrachloride
Concen: 20.957 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

Tgt Ion: 117 Resp: 152141
Ion Ratio Lower Upper
117 100
119 92.5 78.7 118.1
121 28.9 24.2 36.2

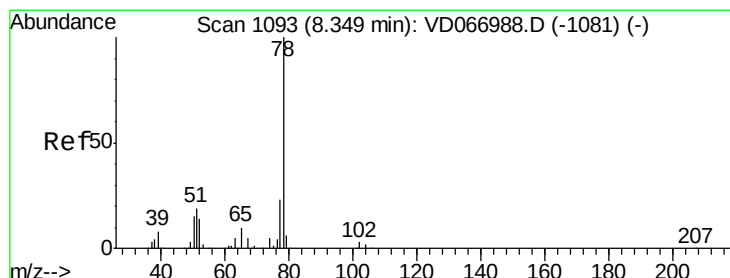
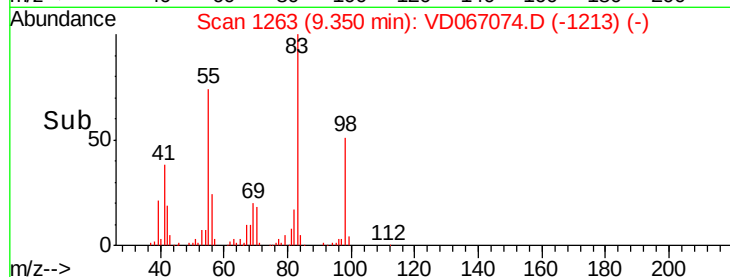
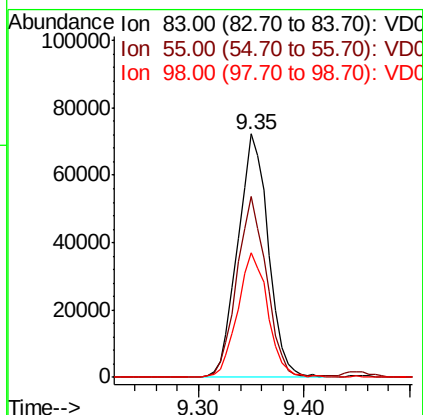
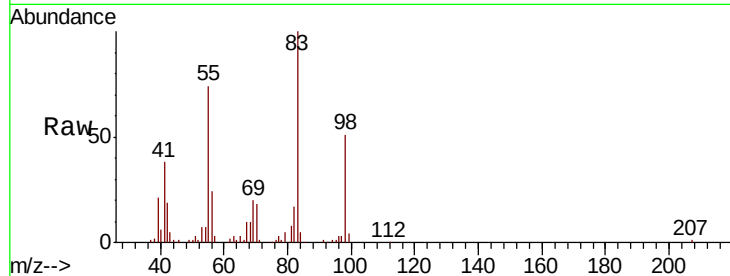




#39
Methylvlcyclohexane
Concen: 20.508 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

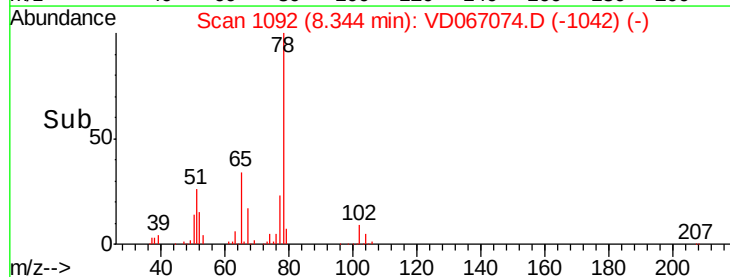
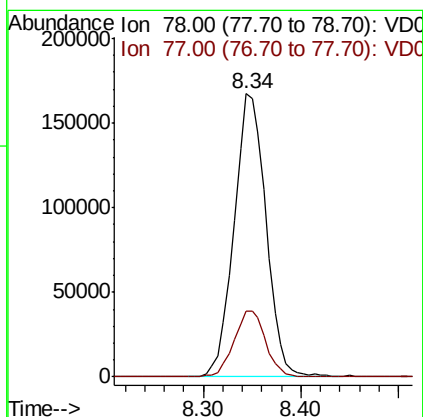
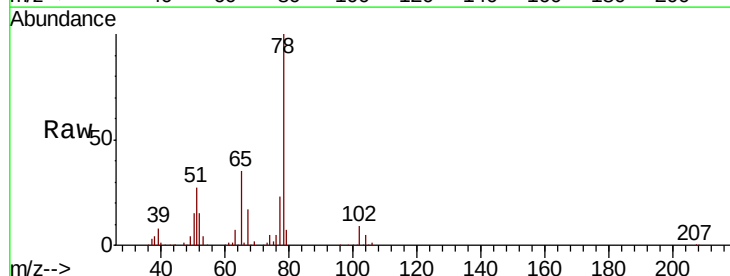
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBS01

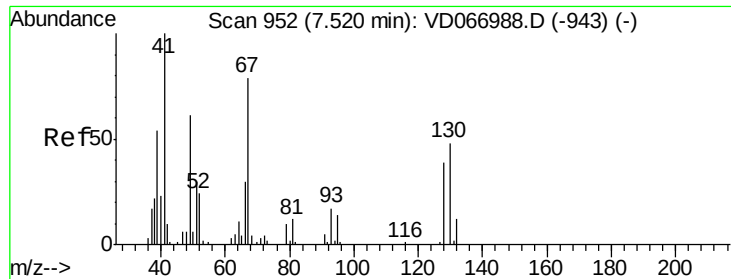
Tot Ion: 83 Resp: 145476
Ion Ratio Lower Upper
83 100
55 74.4 57.1 85.7
98 50.9 40.9 61.3



#40
Benzene
Concen: 20.374 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

Tgt Ion: 78 Resp: 379686
Ion Ratio Lower Upper
78 100
77 23.4 18.4 27.6

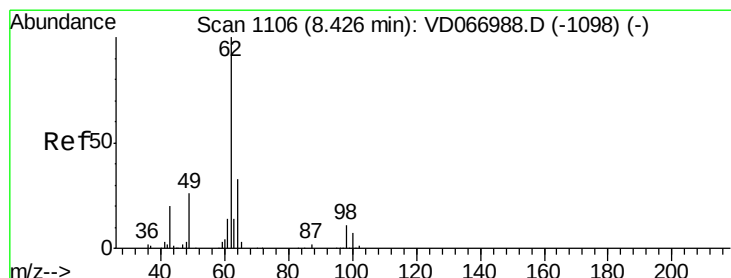
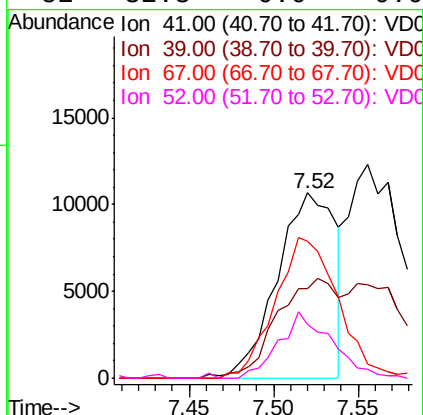
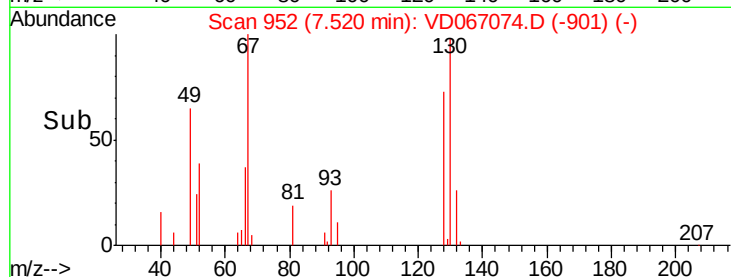
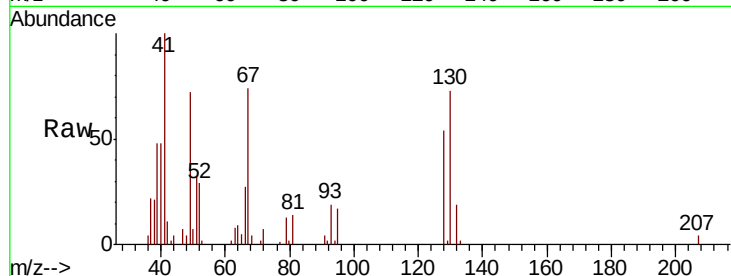




#41
Methacrylonitrile
Concen: 20.409 ug/l
RT: 7.52 min Scan# 952
Delta R.T. 0.00 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

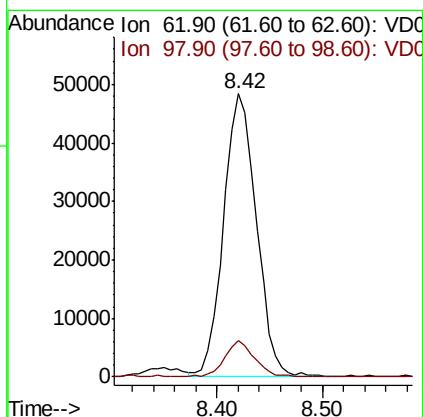
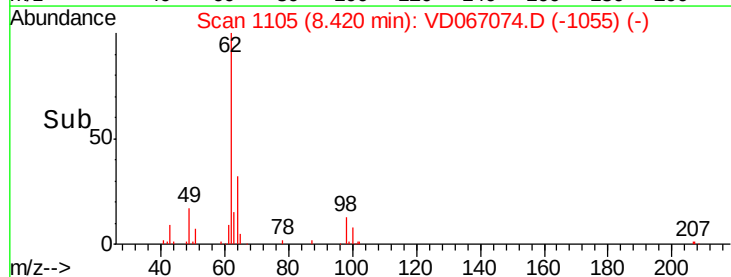
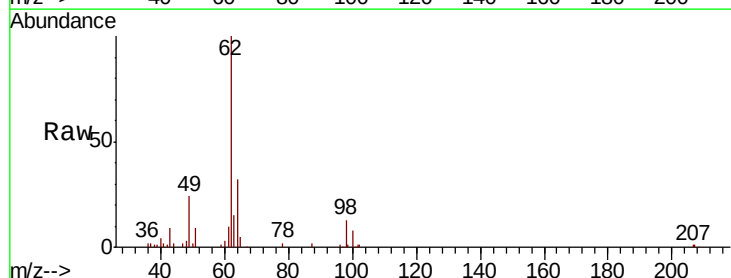
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBS01

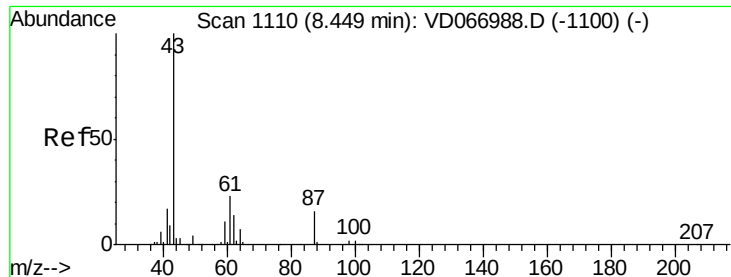
Tot Ion: 41 Resp: 25628
Ion Ratio Lower Upper
41 100
39 54.6 0.0 0.0#
67 81.9 0.0 0.0#
52 32.3 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.066 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

Tgt Ion: 62 Resp: 104491
Ion Ratio Lower Upper
62 100
98 11.4 0.0 22.6





#43

Isopropyl Acetate

Concen: 18.826 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD1005SBS01

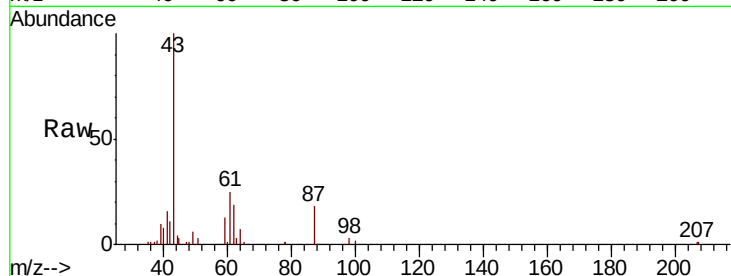
Tot Ion: 43 Resp: 80610

Ion Ratio Lower Upper

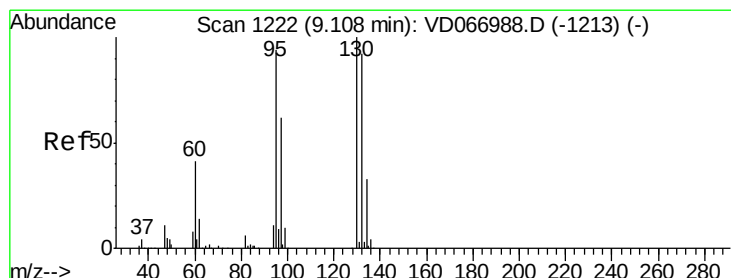
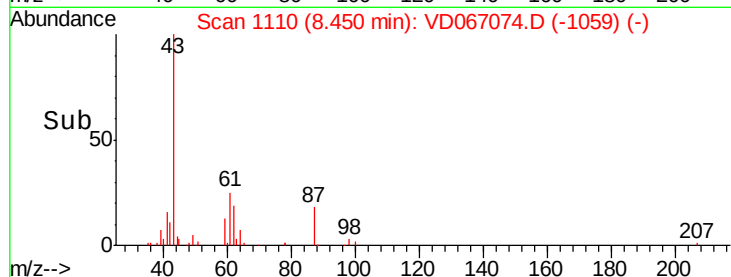
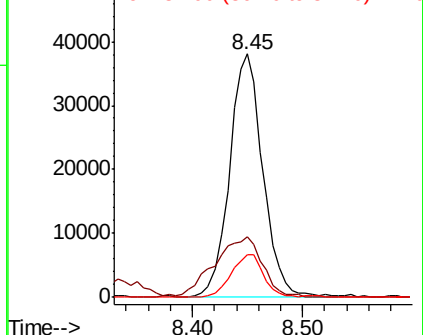
43 100

61 35.5 27.1 40.7

87 17.4 12.3 18.5



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: 20.888 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD067074.D

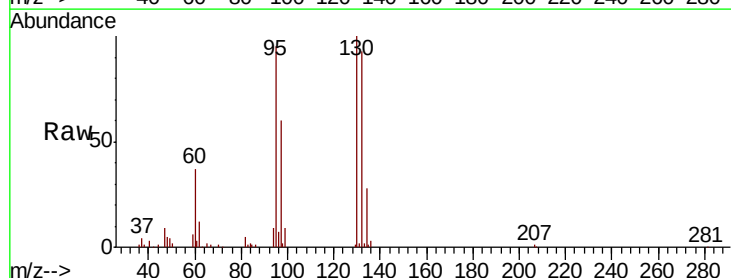
Acq: 05 Oct 2020 10:57

Tgt Ion:130 Resp: 116240

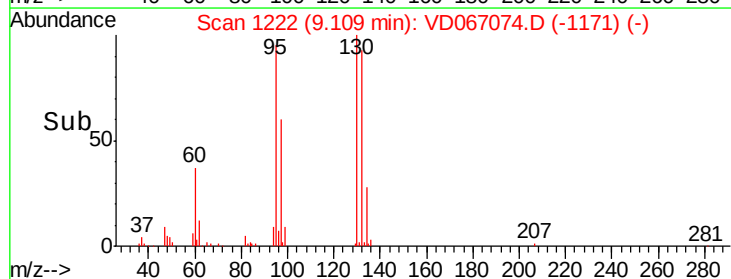
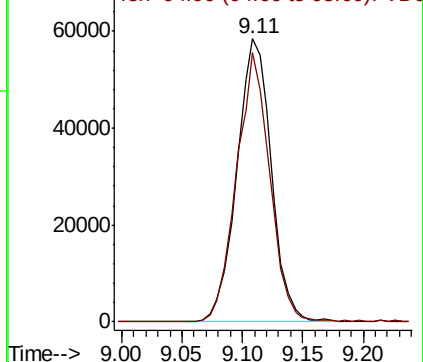
Ion Ratio Lower Upper

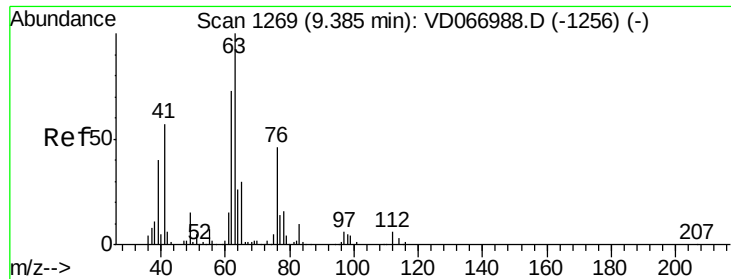
130 100

95 95.2 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC

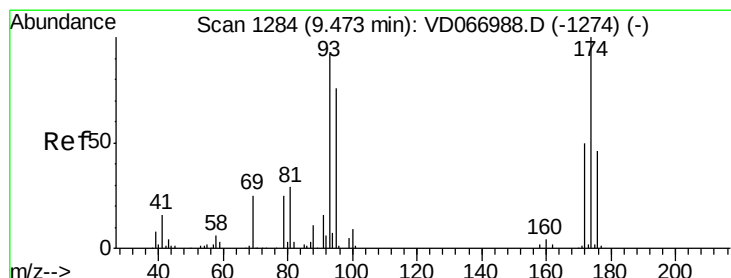
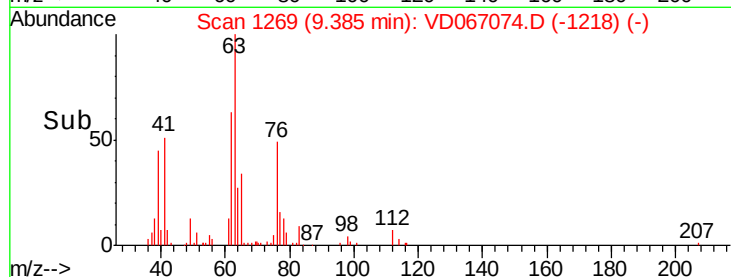
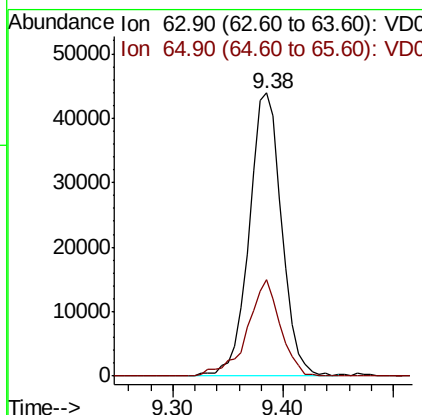
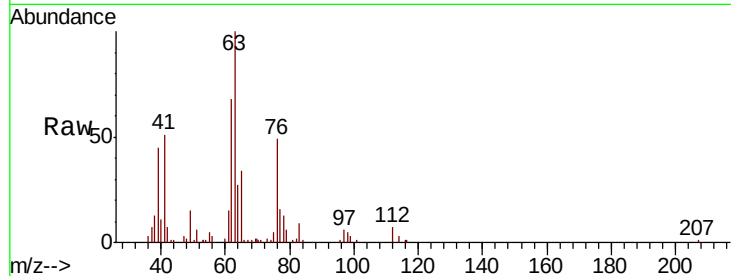




#45
 1,2-Dichloropropane
 Concen: 20.739 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

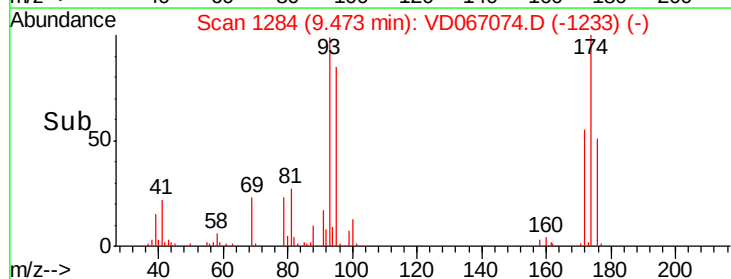
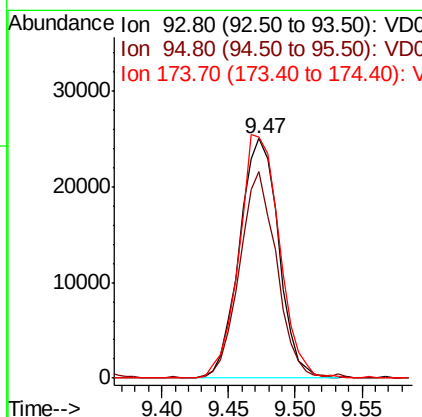
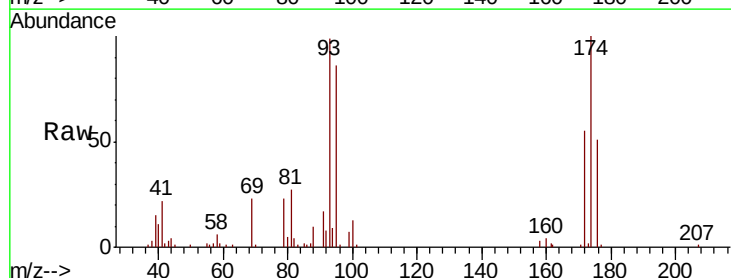
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBS01

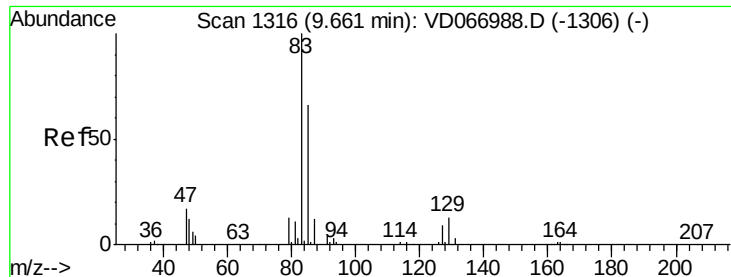
Tot Ion: 63 Resp: 90811
 Ion Ratio Lower Upper
 63 100
 65 34.0 23.7 35.5



#46
 Dibromomethane
 Concen: 20.205 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

Tgt Ion: 93 Resp: 50849
 Ion Ratio Lower Upper
 93 100
 95 81.8 64.7 97.1
 174 104.6 81.4 122.2

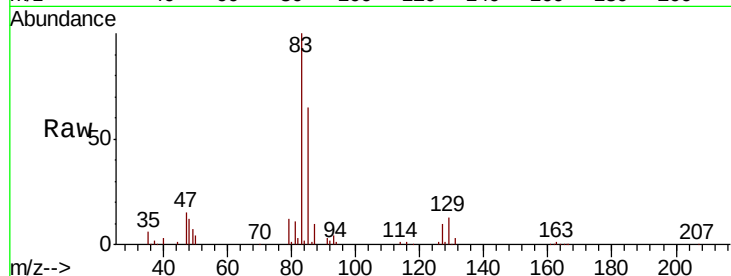




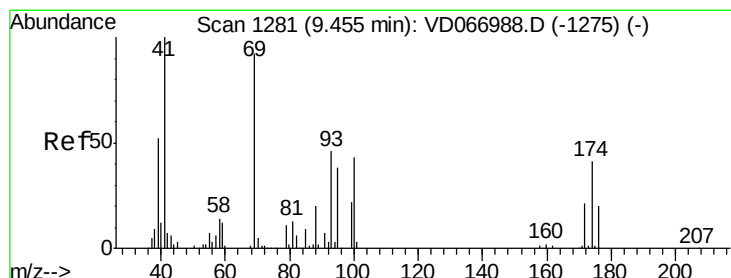
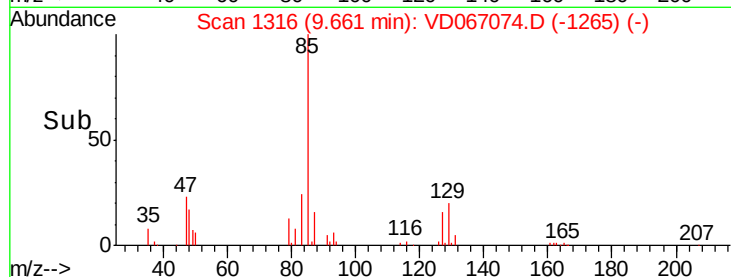
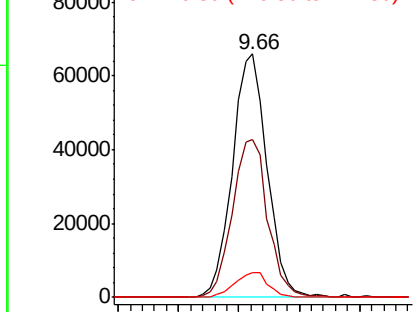
#47
Bromodichloromethane
Concen: 20.179 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

Instrument :
MSVOA_D
ClientSampleId :
VD1005SBS01

Tot Ion: 83 Resp: 132009
Ion Ratio Lower Upper
83 100
85 64.9 52.9 79.3
127 10.3 7.3 10.9

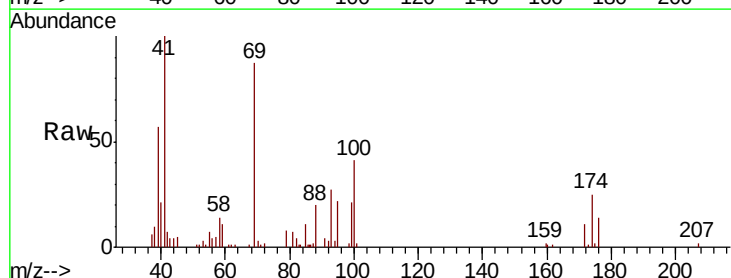


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

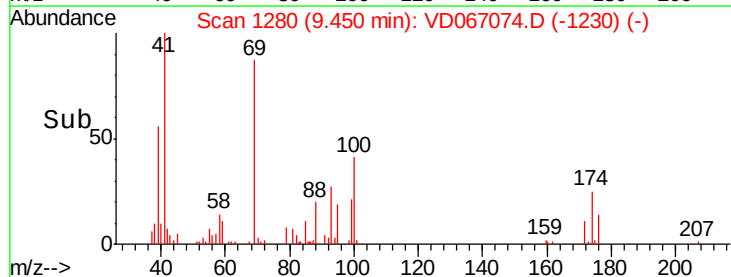
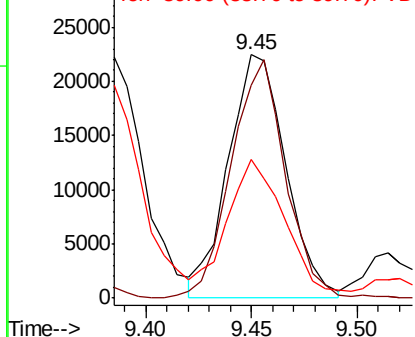


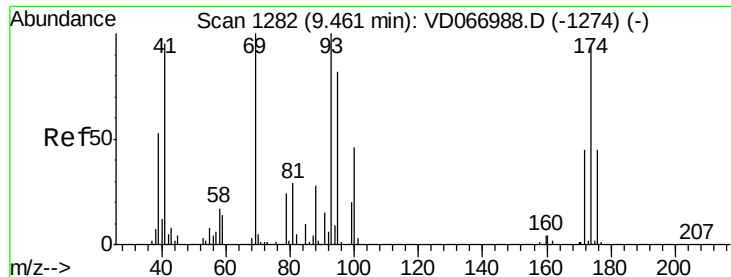
#48
Methyl methacrylate
Concen: 19.351 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

Tgt Ion: 41 Resp: 42451
Ion Ratio Lower Upper
41 100
69 92.1 68.5 102.7
39 52.1 40.2 60.2



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

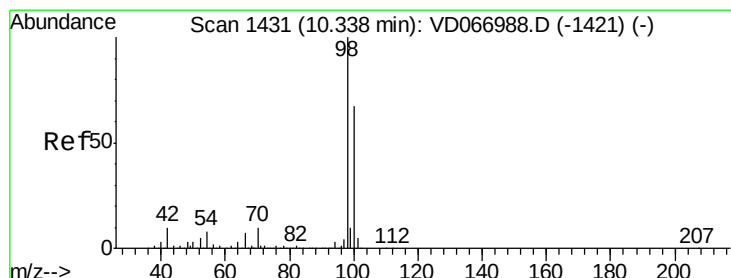
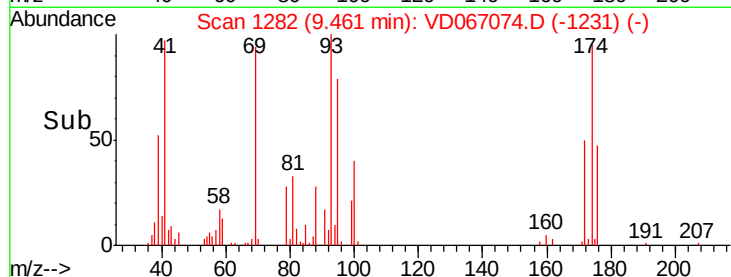
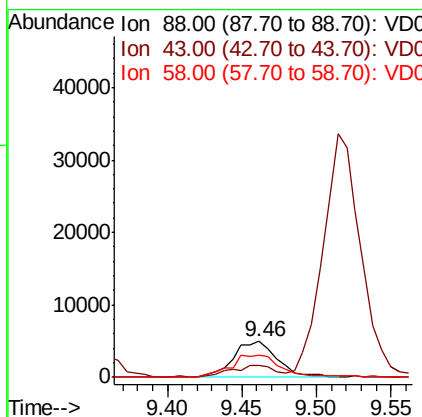
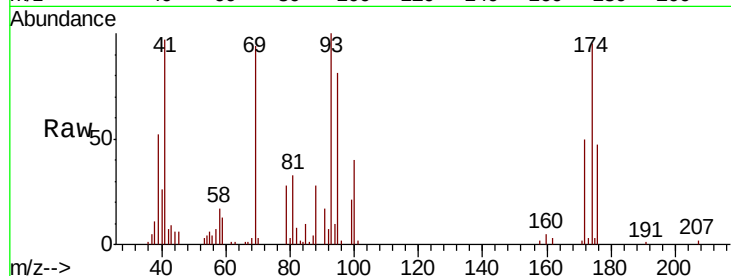




#49
1,4-Dioxane
Concen: 391.416 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

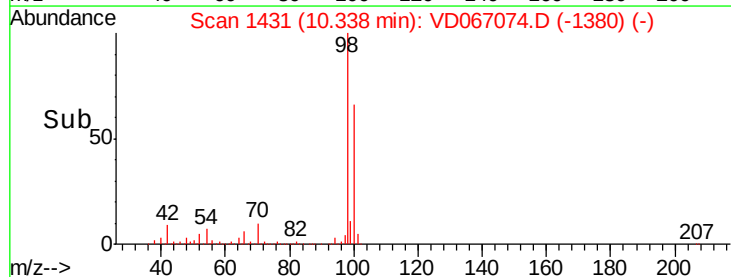
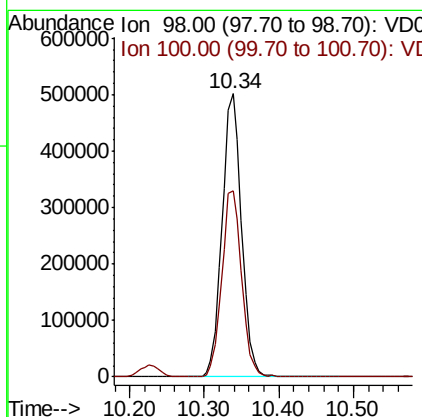
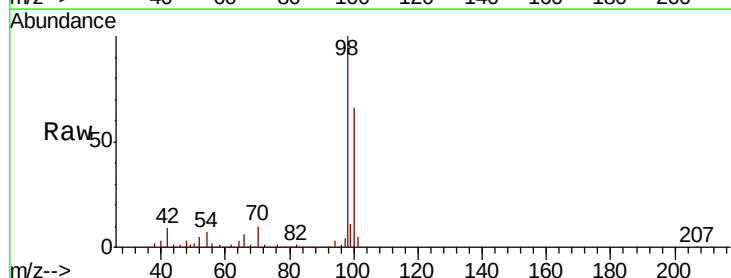
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBS01

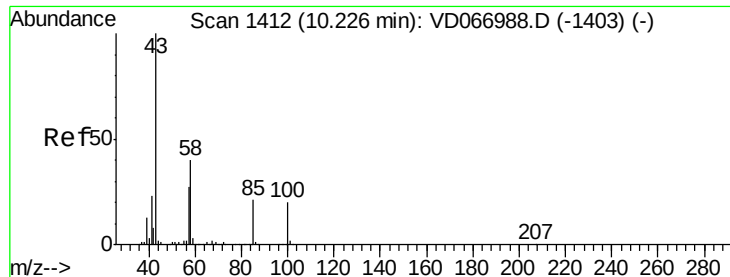
Tot Ion: 88 Resp: 10281
Ion Ratio Lower Upper
88 100
43 33.1 25.6 38.4
58 72.0 53.5 80.3



#50
Toluene-d8
Concen: 53.028 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

Tgt Ion: 98 Resp: 910592
Ion Ratio Lower Upper
98 100
100 66.9 52.8 79.2

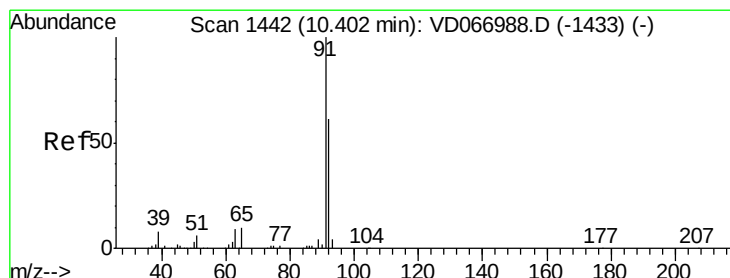
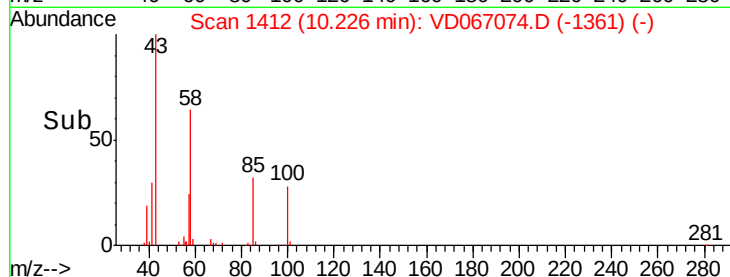
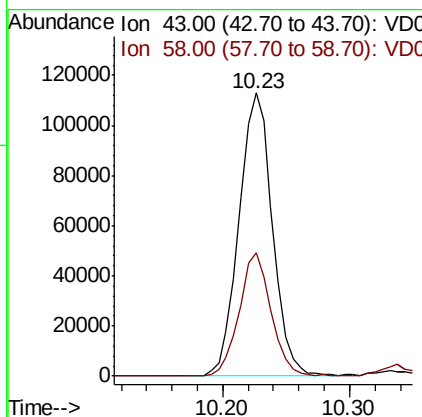
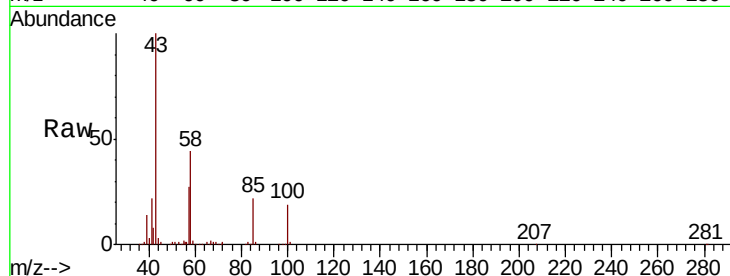




#51
4-Methyl-2-Pentanone
Concen: 96.774 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

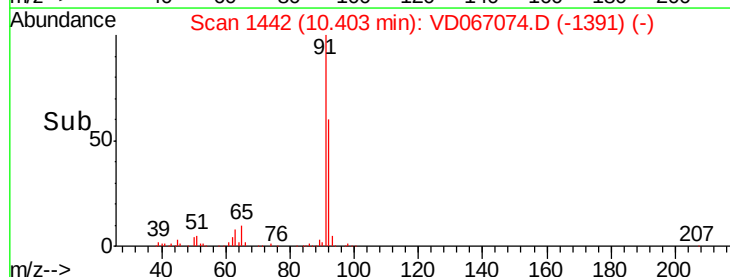
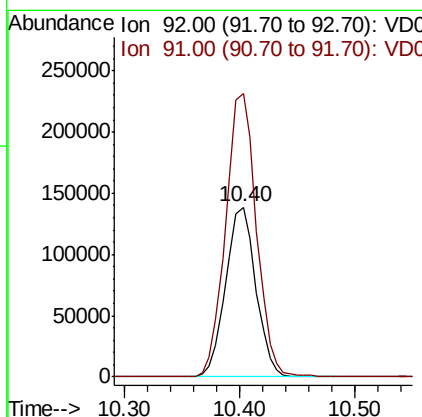
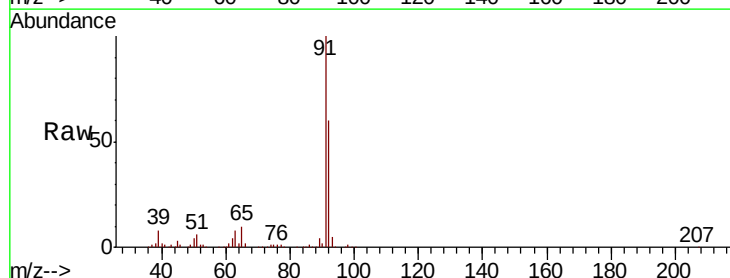
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBS01

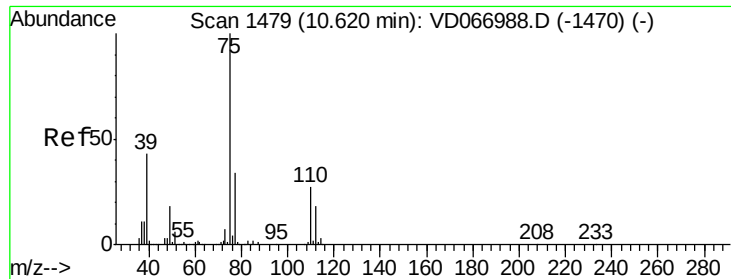
Tot Ion: 43 Resp: 206403
Ion Ratio Lower Upper
43 100
58 41.5 33.8 50.8



#52
Toluene
Concen: 21.041 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

Tgt Ion: 92 Resp: 252591
Ion Ratio Lower Upper
92 100
91 169.9 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 20.252 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

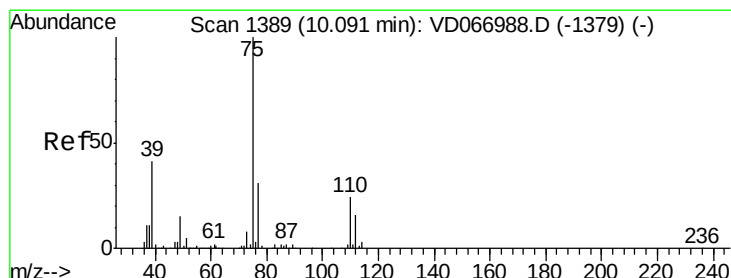
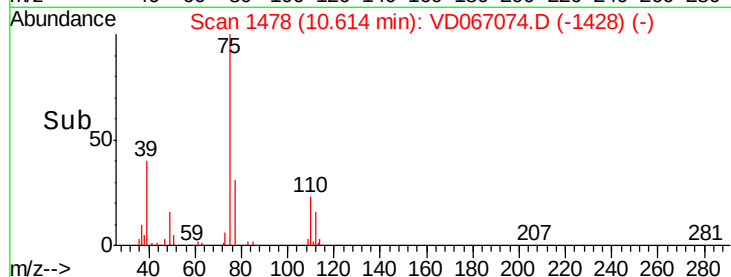
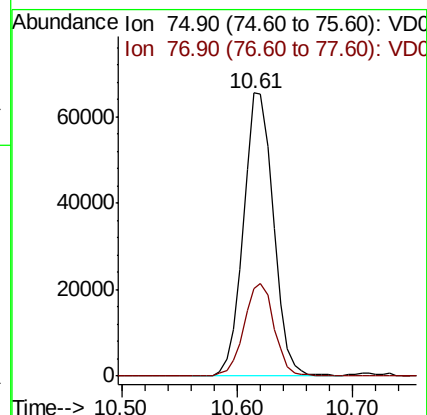
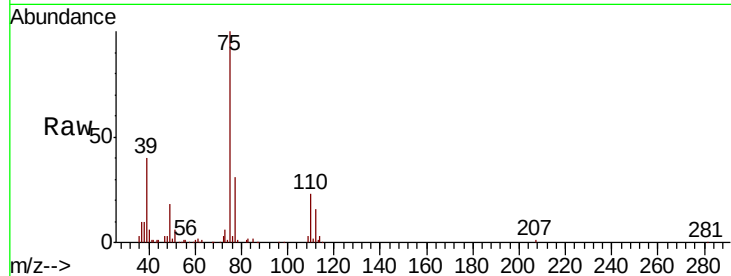
VD1005SBS01

Tot Ion: 75 Resp: 118410

Ion Ratio Lower Upper

75 100

77 31.2 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 20.197 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

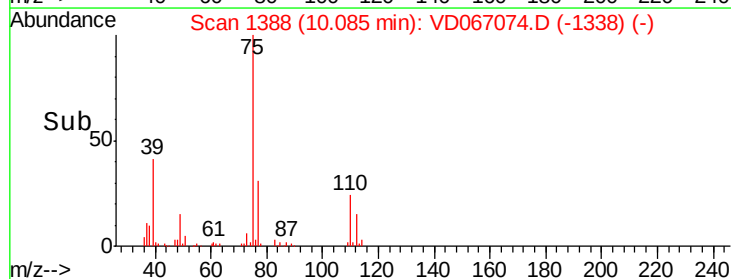
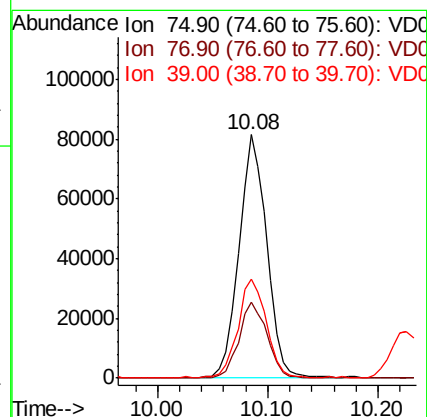
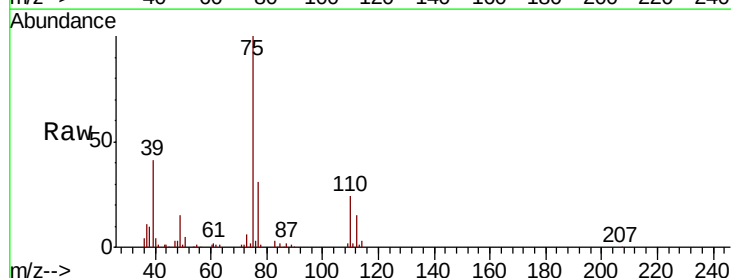
Tgt Ion: 75 Resp: 144199

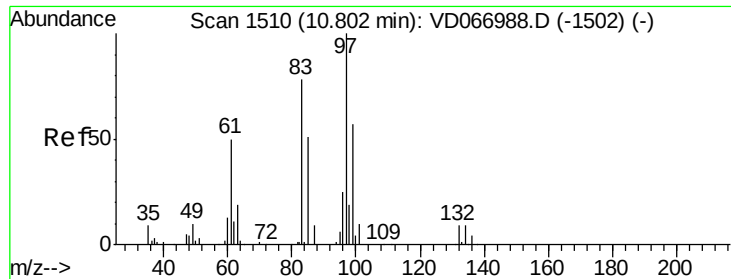
Ion Ratio Lower Upper

75 100

77 31.0 24.6 37.0

39 40.5 33.0 49.4

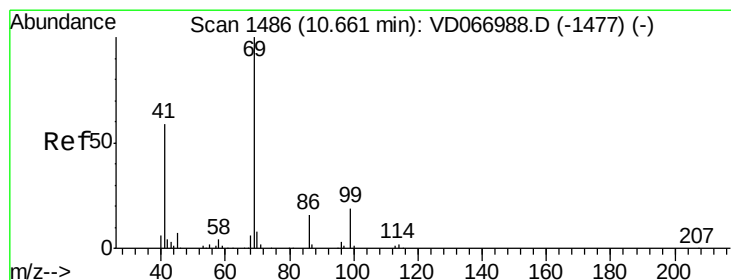
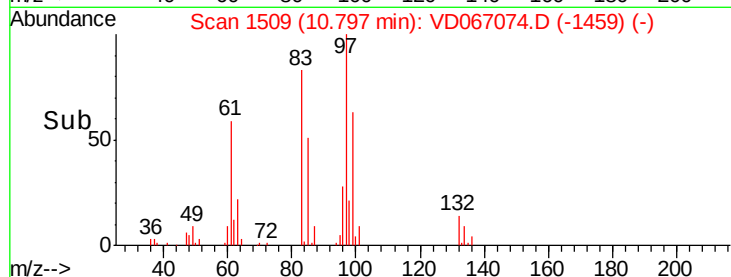
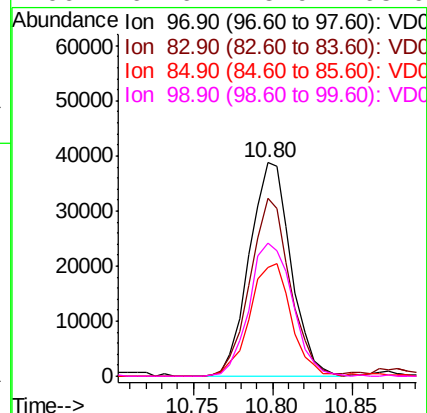
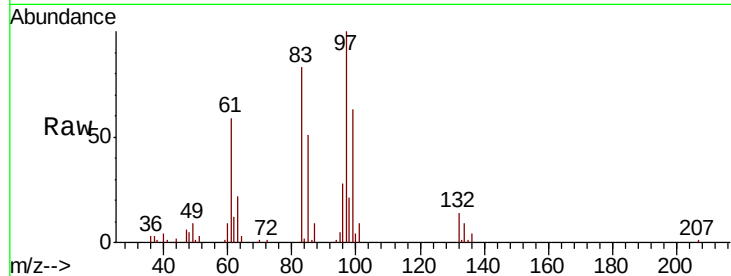




#55
 1,1,2-Trichloroethane
 Concen: 20.223 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

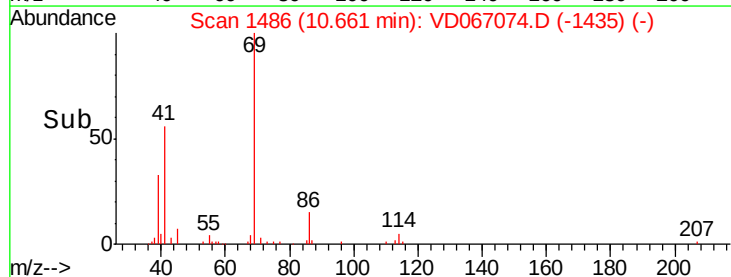
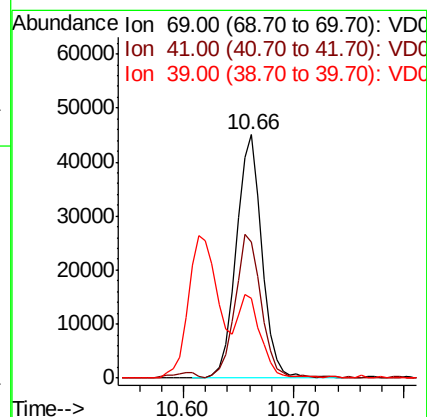
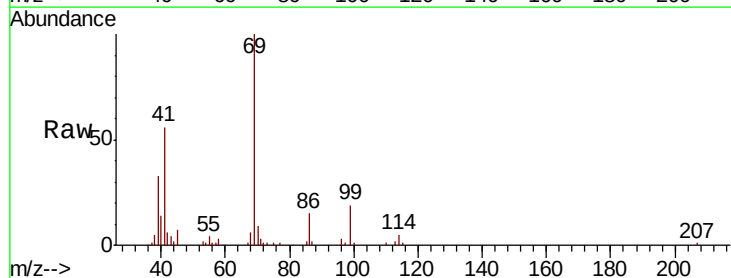
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBS01

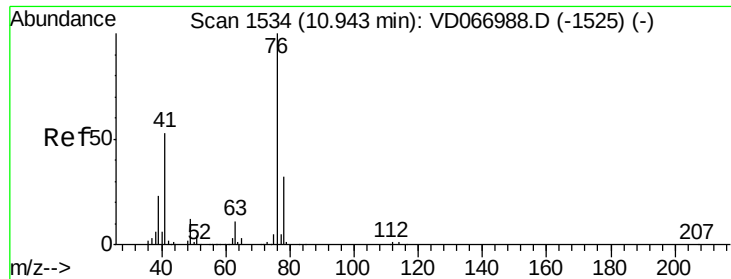
Tot Ion:	97	Resp:	70761
Ion	Ratio	Lower	Upper
97	100		
83	83.3	62.4	93.6
85	50.8	41.0	61.4
99	62.6	45.9	68.9



#56
 Ethyl methacrylate
 Concen: 20.272 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

Tgt Ion:	69	Resp:	73232
Ion	Ratio	Lower	Upper
69	100		
41	59.4	46.4	69.6
39	28.9	23.8	35.6

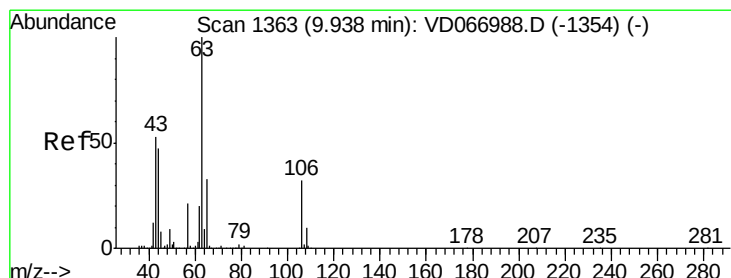
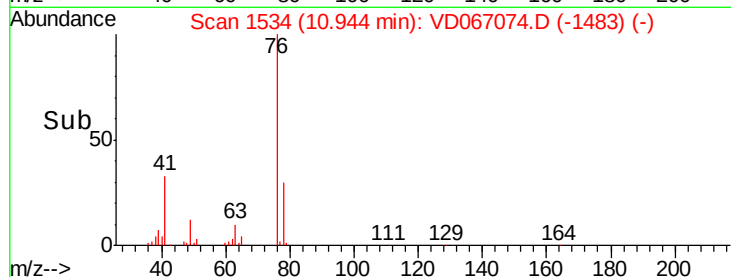
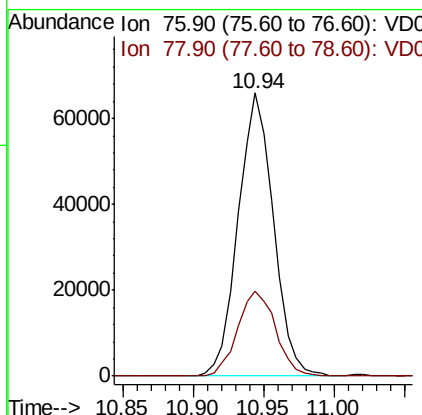
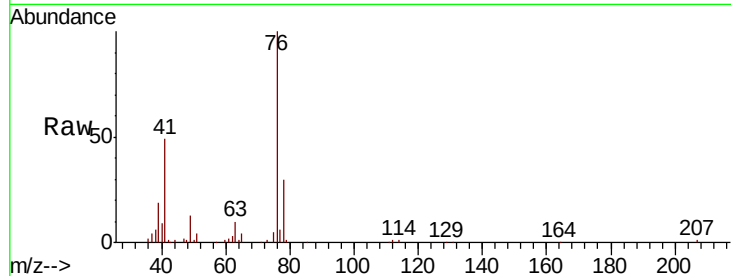




#57
 1,3-Dichloropropane
 Concen: 20.325 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

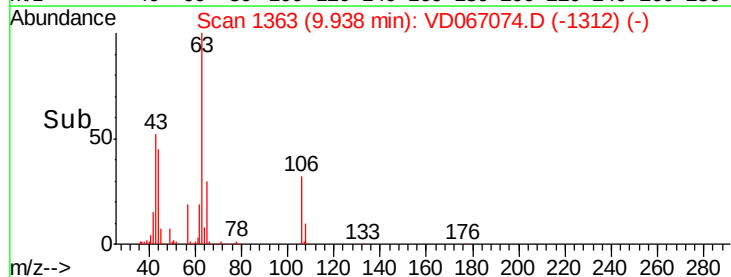
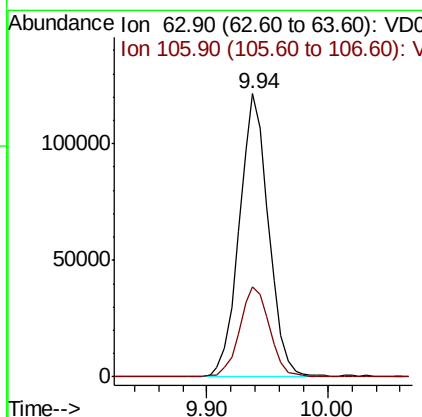
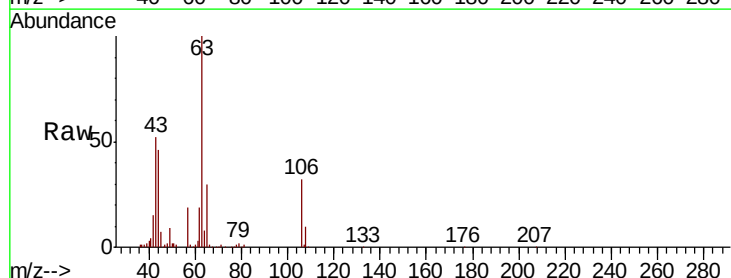
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBS01

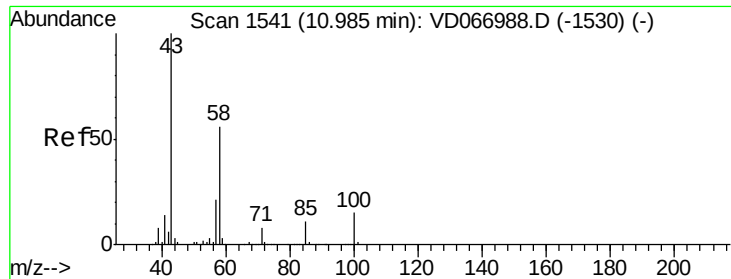
Tot Ion: 76 Resp: 115324
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.911 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

Tgt Ion: 63 Resp: 204905
 Ion Ratio Lower Upper
 63 100
 106 32.6 25.3 37.9

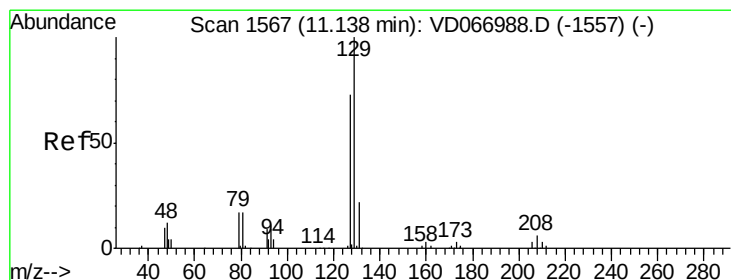
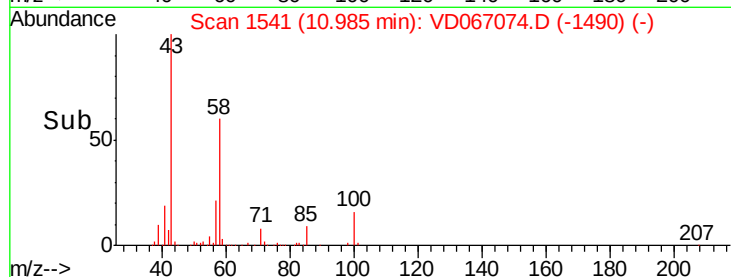
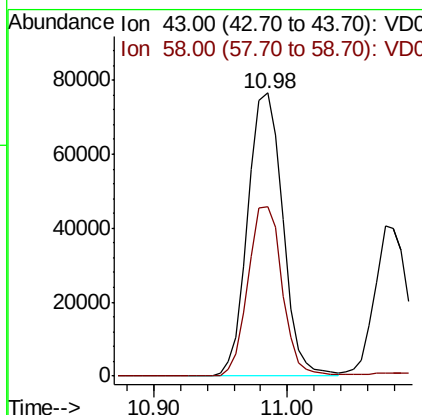
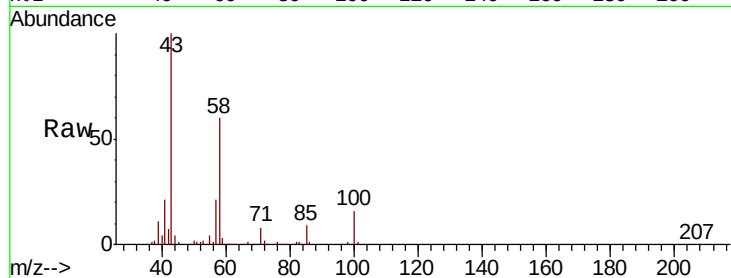




#59
2-Hexanone
Concen: 97.750 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

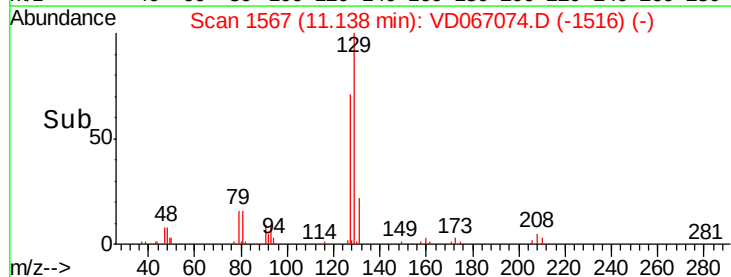
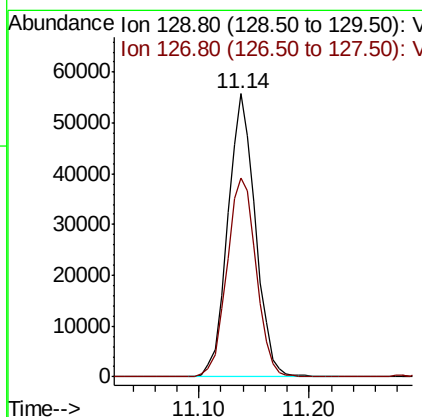
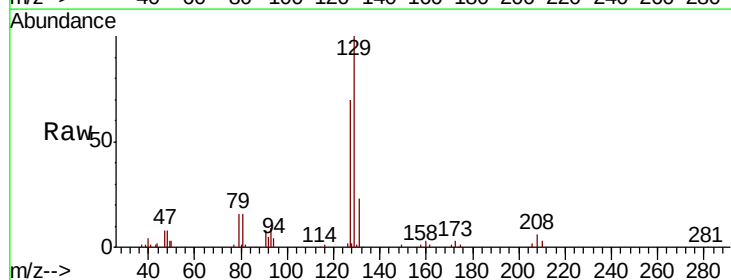
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBS01

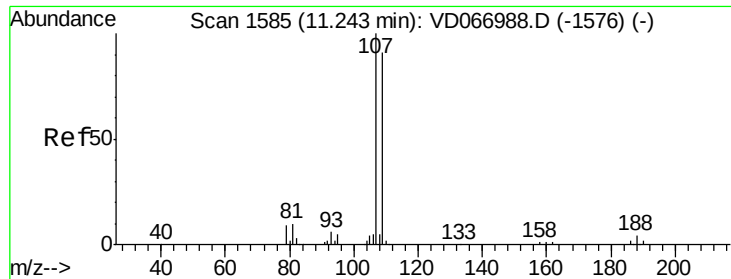
Tot Ion: 43 Resp: 139151
Ion Ratio Lower Upper
43 100
58 58.2 28.3 84.9



#60
Dibromochloromethane
Concen: 20.911 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

Tgt Ion: 129 Resp: 97518
Ion Ratio Lower Upper
129 100
127 74.5 37.4 112.1





#61

1,2-Dibromoethane

Concen: 20.559 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

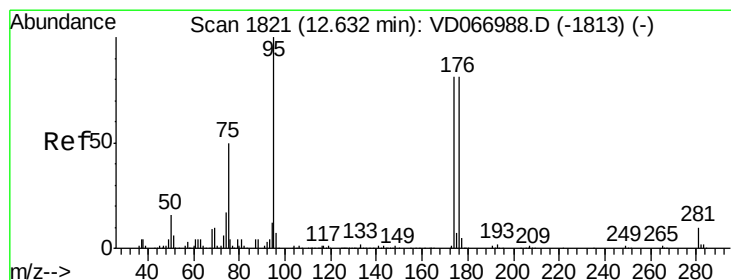
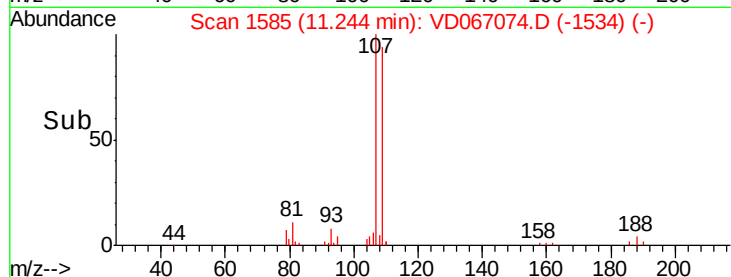
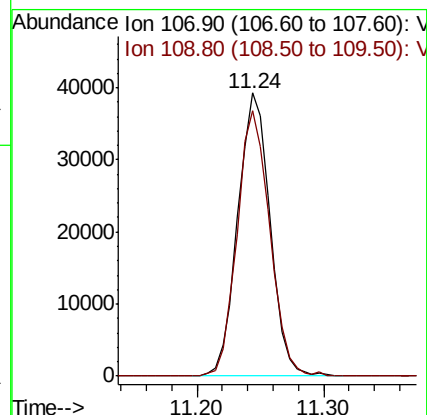
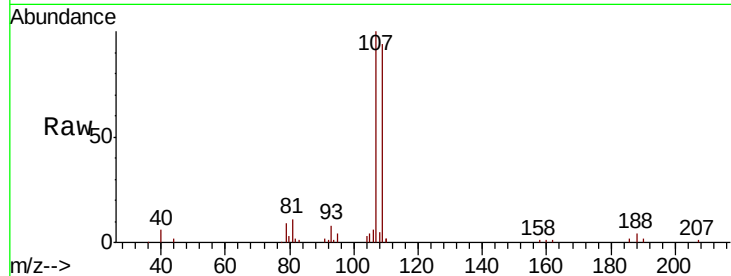
VD1005SBS01

Tot Ion:107 Resp: 69109

Ion Ratio Lower Upper

107 100

109 94.8 74.0 111.0



#62

4-Bromofluorobenzene

Concen: 52.990 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

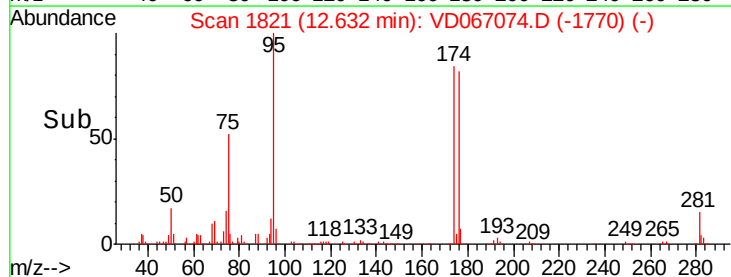
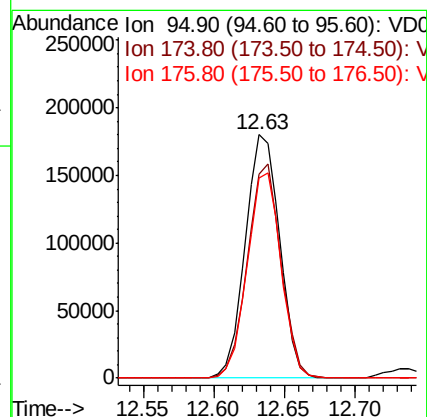
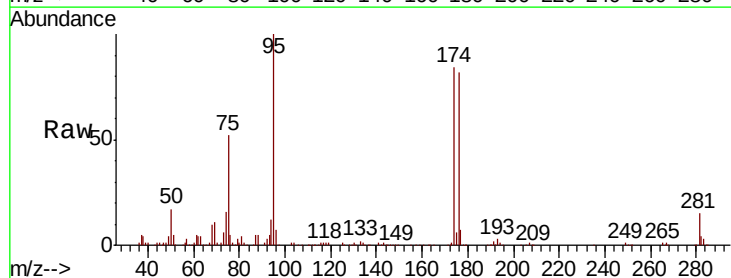
Tgt Ion: 95 Resp: 308901

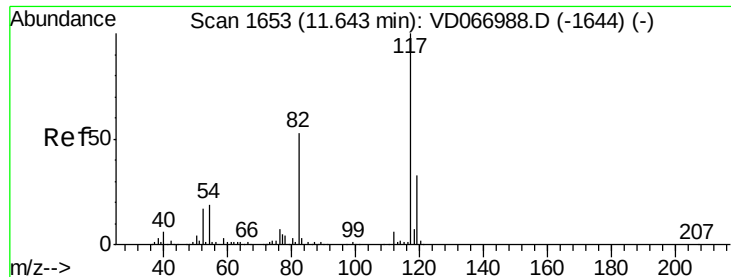
Ion Ratio Lower Upper

95 100

174 85.6 0.0 167.6

176 82.8 0.0 162.4

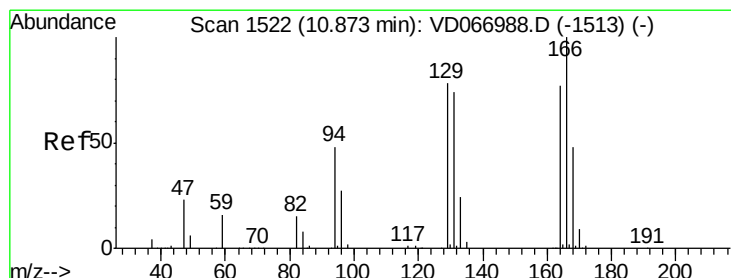
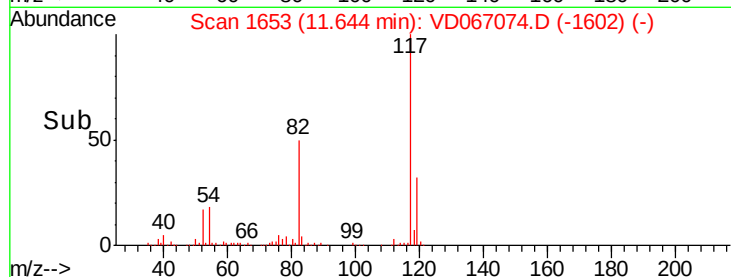
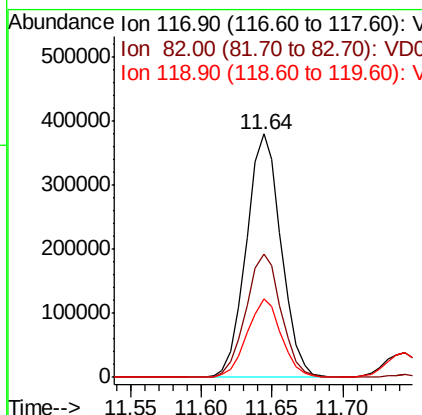
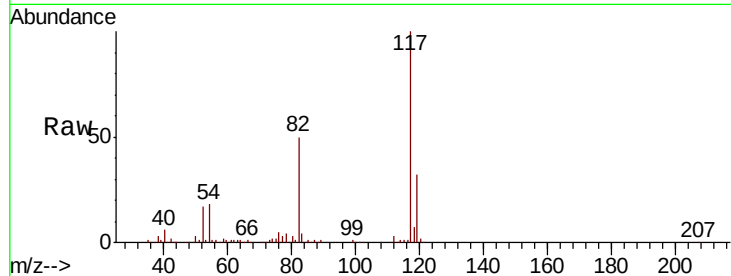




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

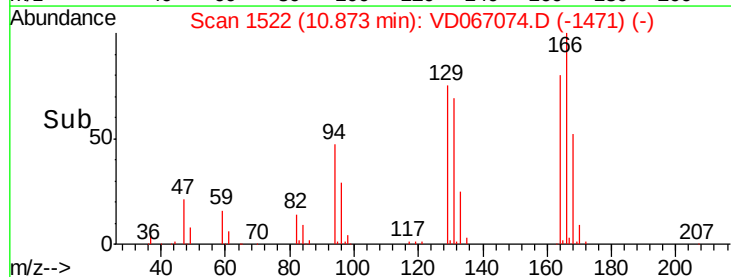
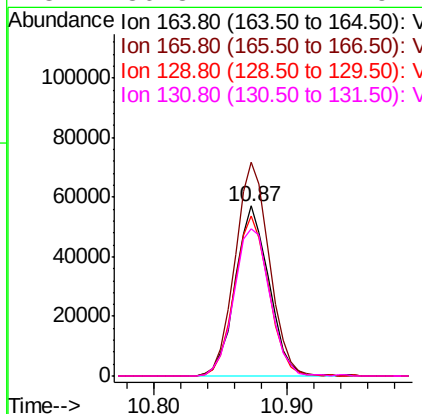
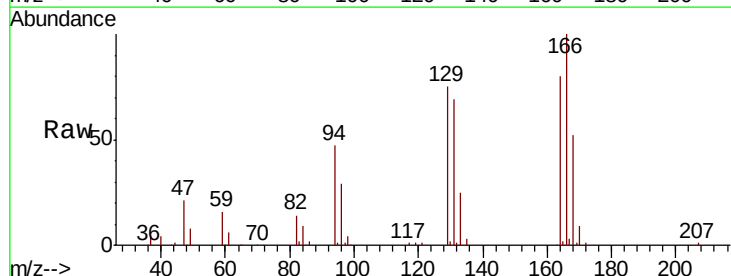
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBS01

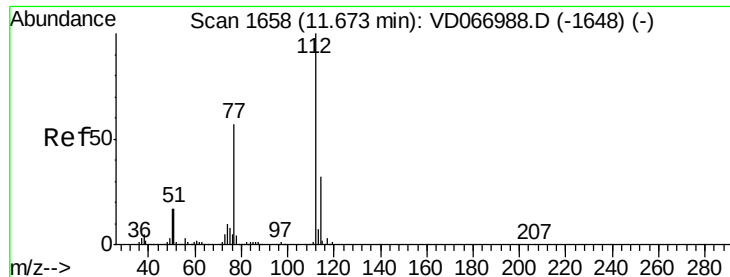
Tot Ion:117 Resp: 658894
Ion Ratio Lower Upper
117 100
82 50.5 42.6 63.8
119 32.0 26.3 39.5



#64
Tetrachloroethene
Concen: 20.797 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

Tgt Ion:164 Resp: 99620
Ion Ratio Lower Upper
164 100
166 125.7 104.4 156.6
129 93.9 81.3 121.9
131 86.8 77.1 115.7





#65

Chlorobenzene

Concen: 20.777 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

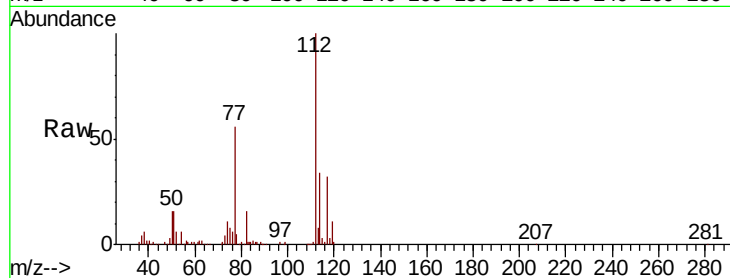
VD1005SBS01

Tot Ion:112 Resp: 272277

Ion Ratio Lower Upper

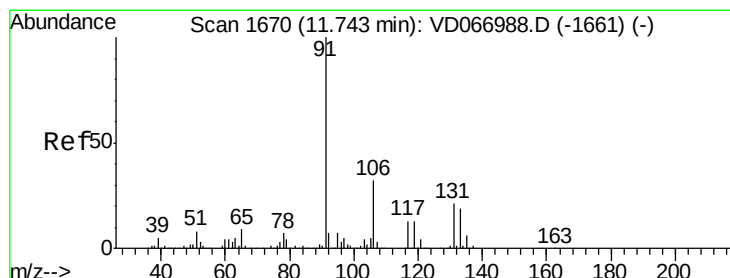
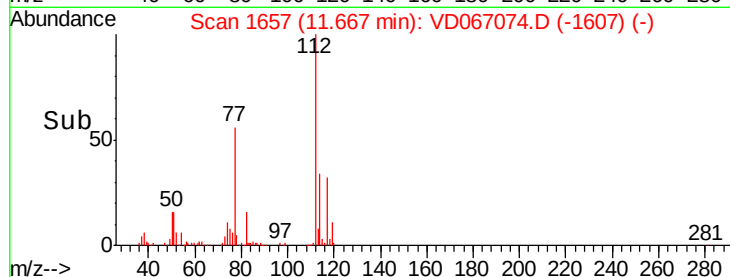
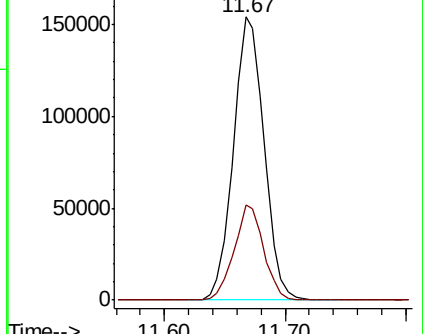
112 100

114 33.7 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.523 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

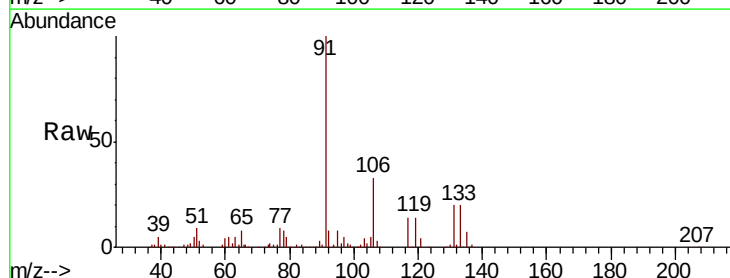
Tgt Ion:131 Resp: 102301

Ion Ratio Lower Upper

131 100

133 95.3 47.8 143.3

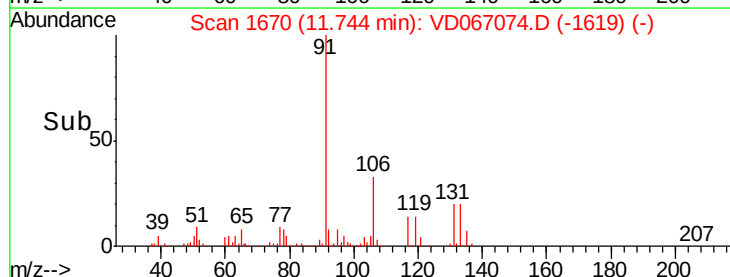
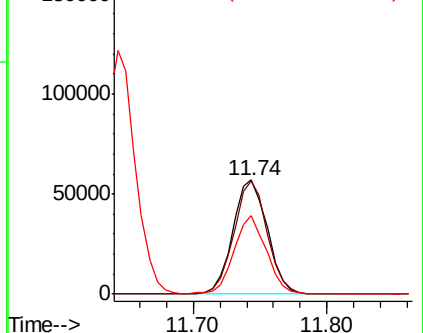
119 64.7 32.3 96.8

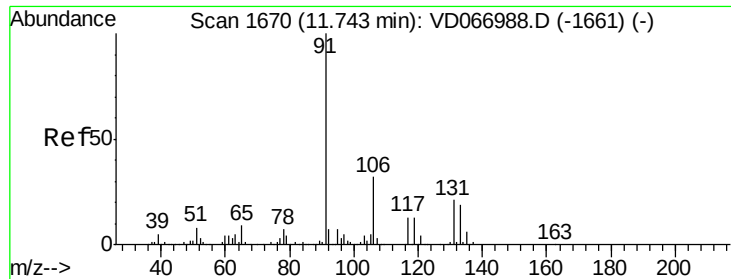


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 21.233 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

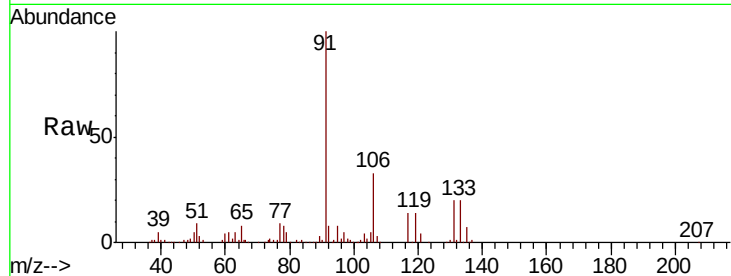
VD1005SBS01

Tot Ion: 91 Resp: 476741

Ion Ratio Lower Upper

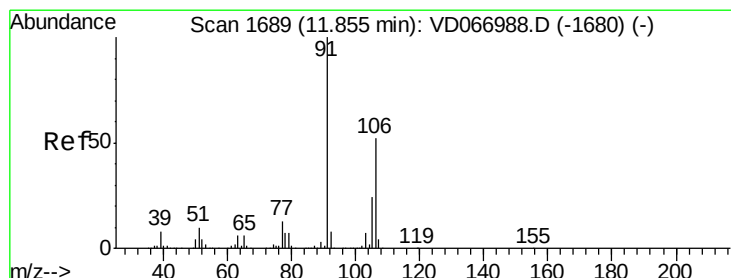
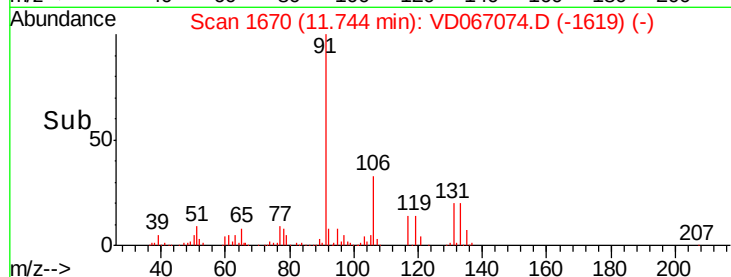
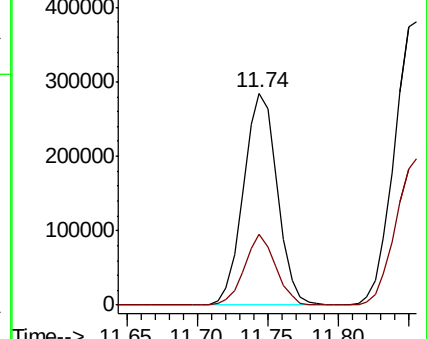
91 100

106 33.3 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 42.099 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067074.D

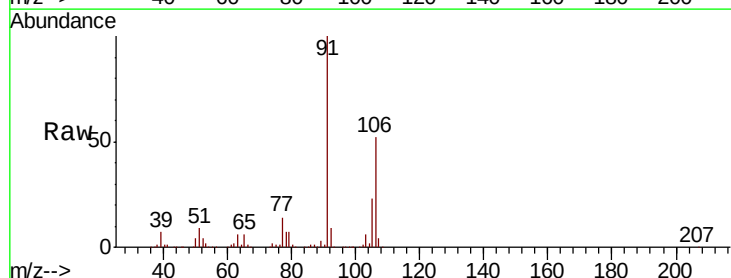
Acq: 05 Oct 2020 10:57

Tgt Ion: 106 Resp: 368385

Ion Ratio Lower Upper

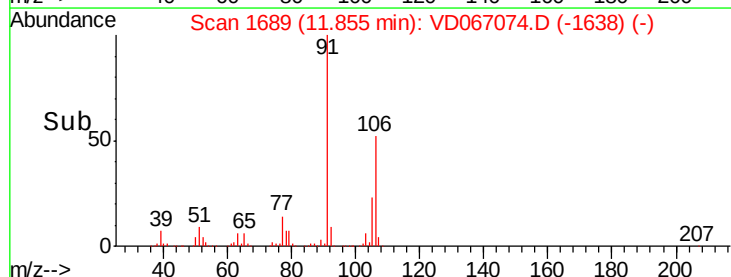
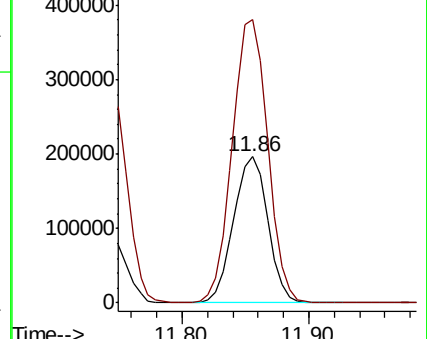
106 100

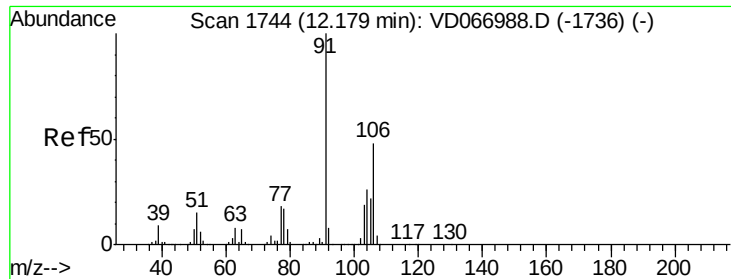
91 200.1 158.4 237.6



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

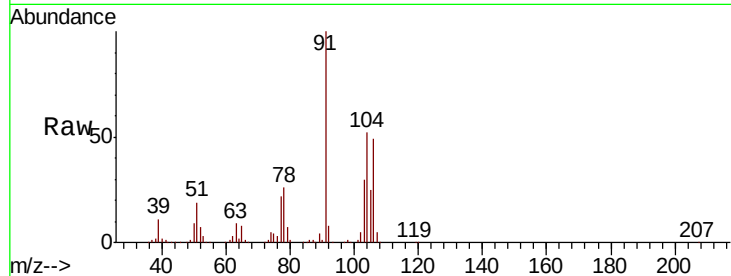




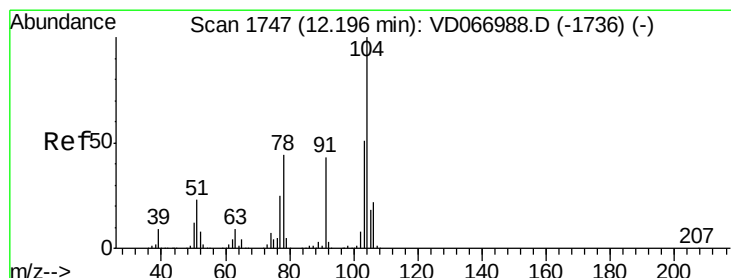
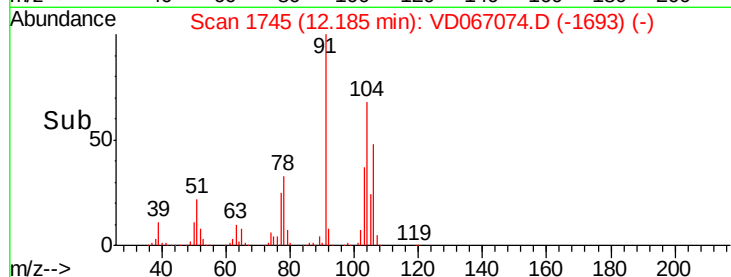
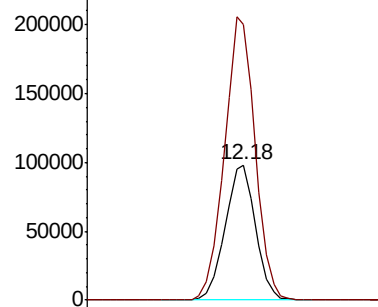
#69
o-Xylene
Concen: 20.943 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

Instrument :
MSVOA_D
ClientSampleId :
VD1005SBS01

Tot Ion:106 Resp: 163879
Ion Ratio Lower Upper
106 100
91 211.1 102.4 307.2

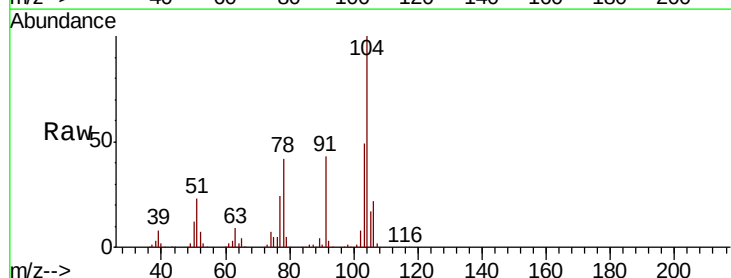


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

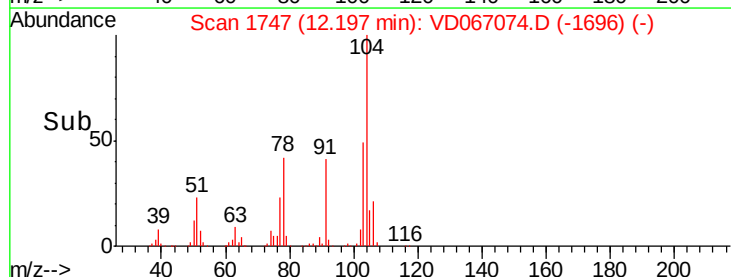
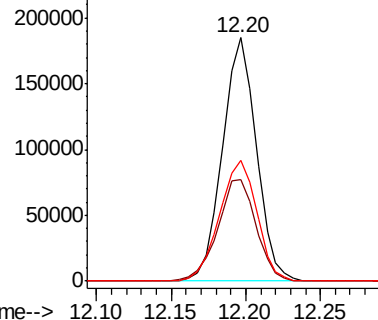


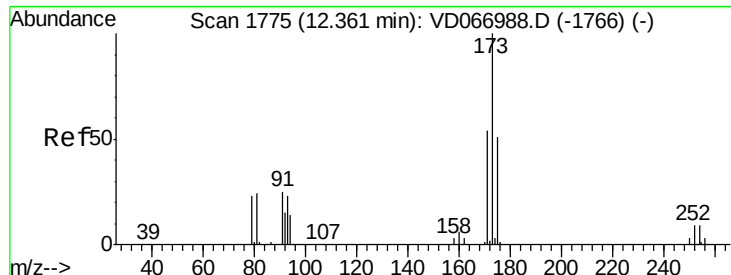
#70
Styrene
Concen: 21.531 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

Tgt Ion:104 Resp: 289310
Ion Ratio Lower Upper
104 100
78 47.4 38.6 58.0
103 55.0 43.4 65.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 21.104 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD1005SBS01

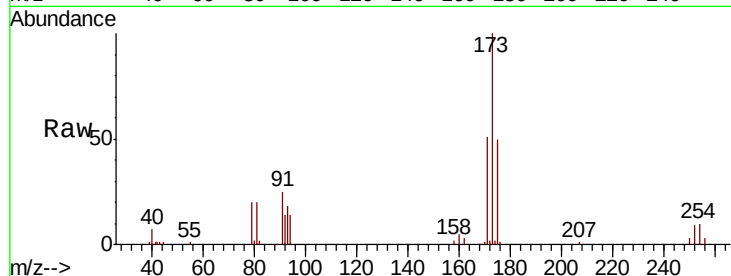
Tot Ion:173 Resp: 54608

Ion Ratio Lower Upper

173 100

175 47.7 24.9 74.7

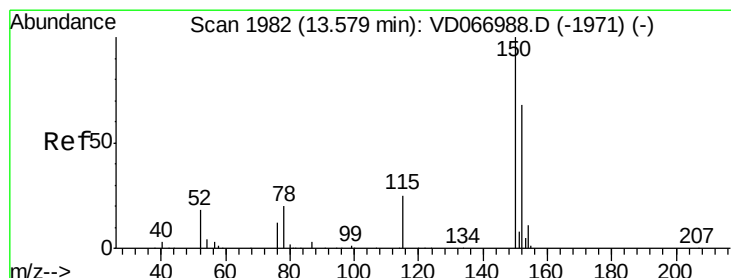
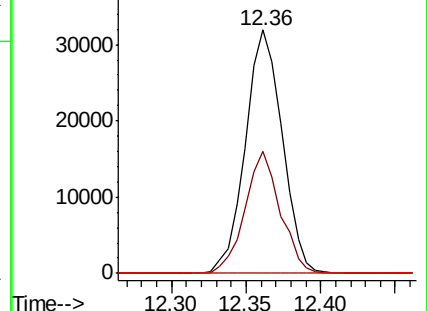
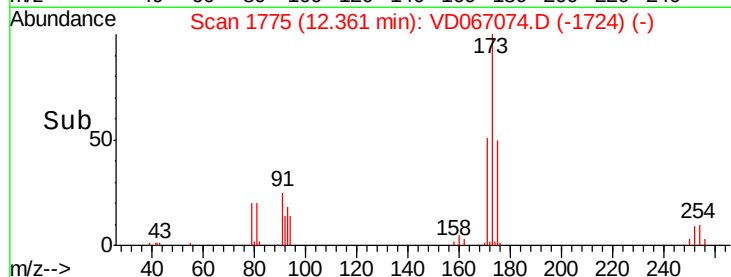
254 0.0 0.2 0.4#



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: VD067074.D

Acq: 05 Oct 2020 10:57

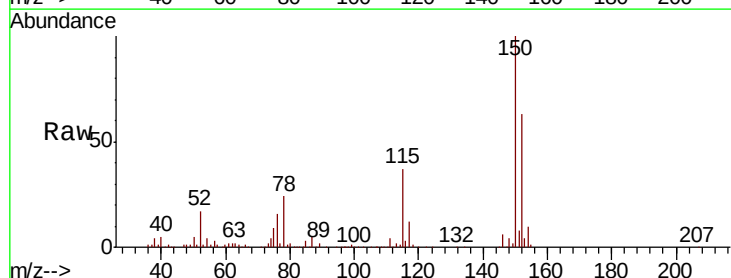
Tgt Ion:152 Resp: 318471

Ion Ratio Lower Upper

152 100

115 59.5 29.6 88.8

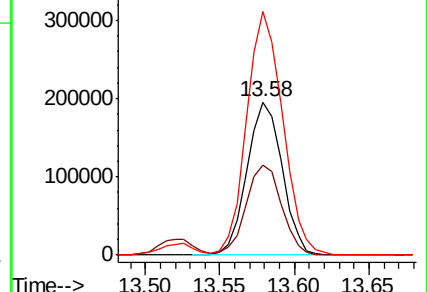
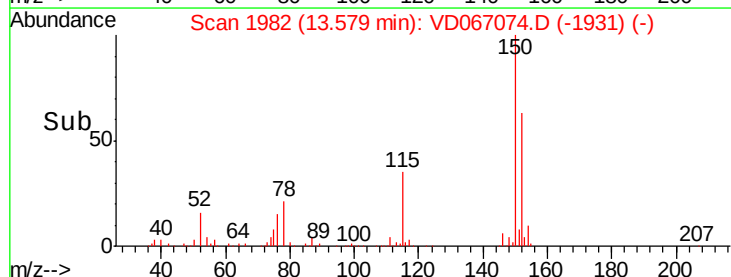
150 163.2 0.0 344.8

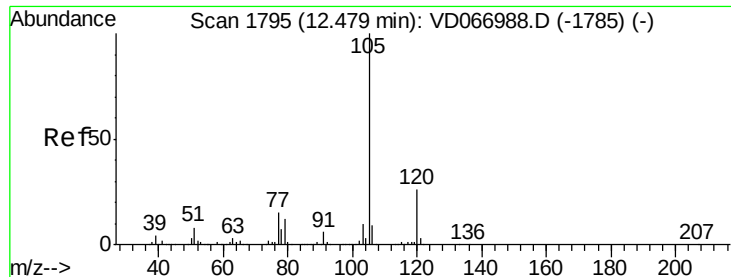


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.306 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

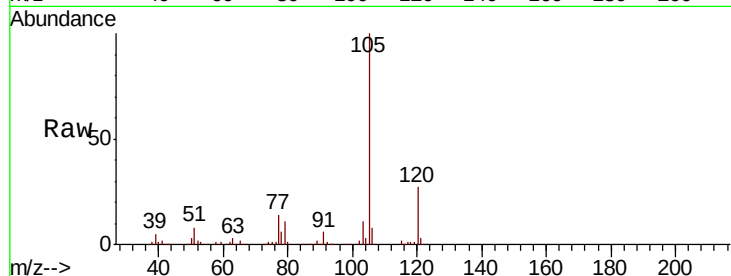
VD1005SBS01

Tot Ion:105 Resp: 460724

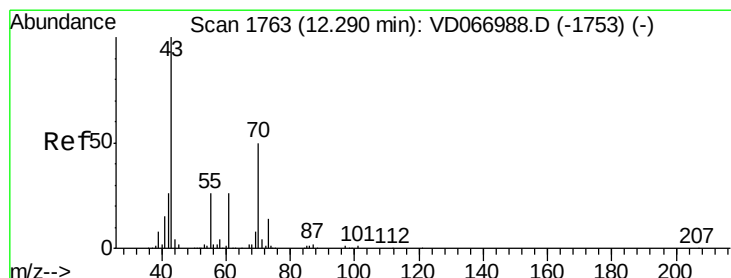
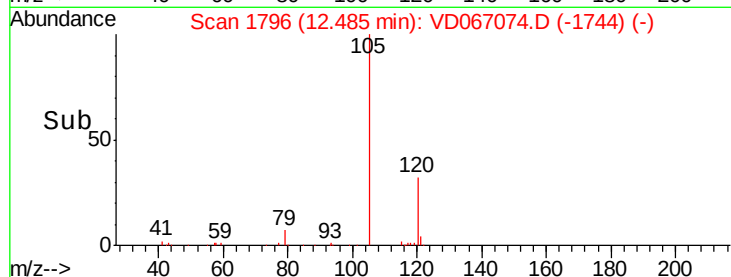
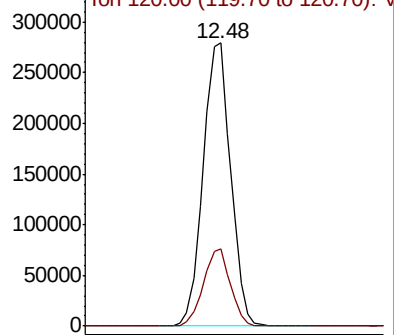
Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V



#74

N-ethyl acetate

Concen: 19.147 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Tgt Ion: 43 Resp: 74433

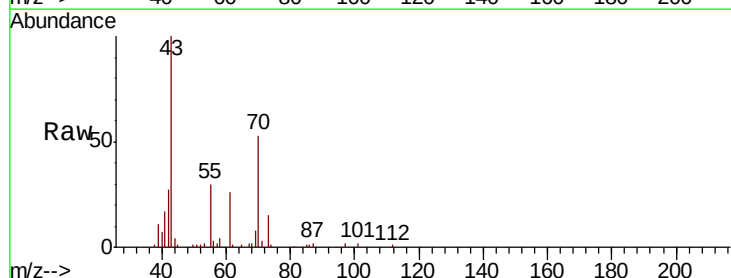
Ion Ratio Lower Upper

43 100

70 52.1 38.2 57.2

55 30.0 22.4 33.6

61 26.6 20.6 31.0

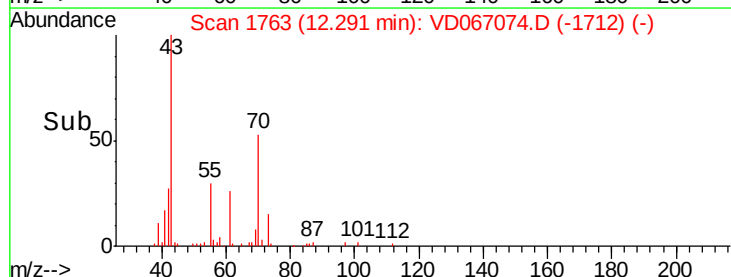
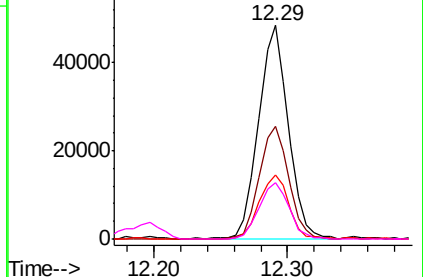


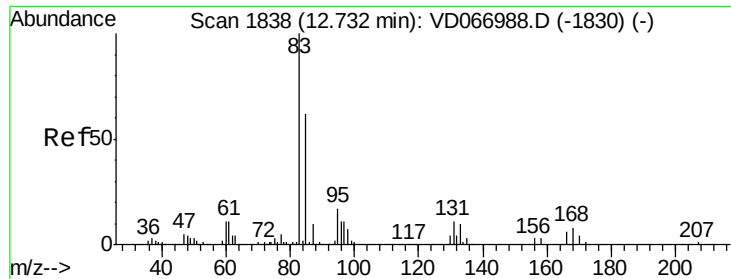
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 19.509 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD1005SBS01

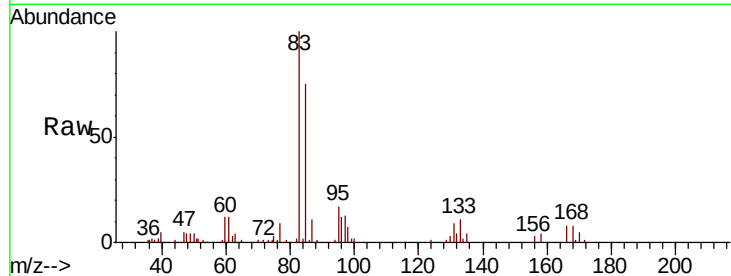
Tot Ion: 83 Resp: 71080

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.0

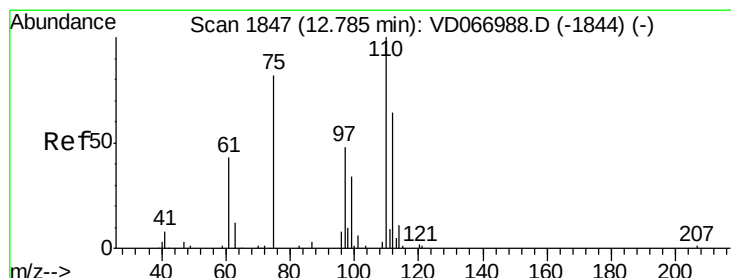
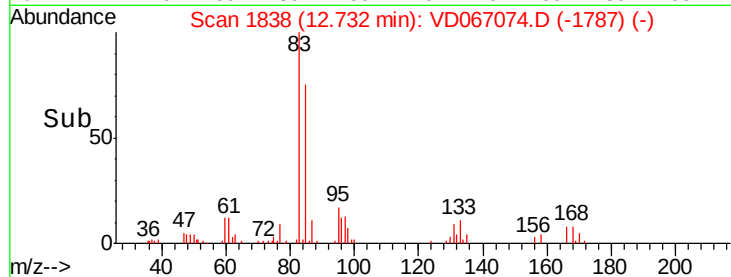
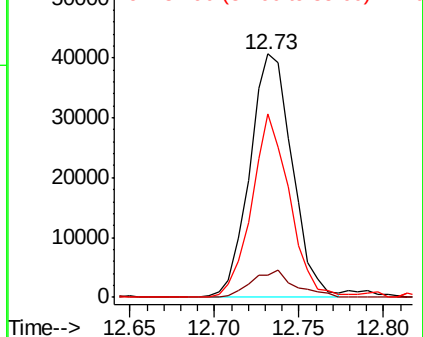
85 67.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 34.724 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067074.D

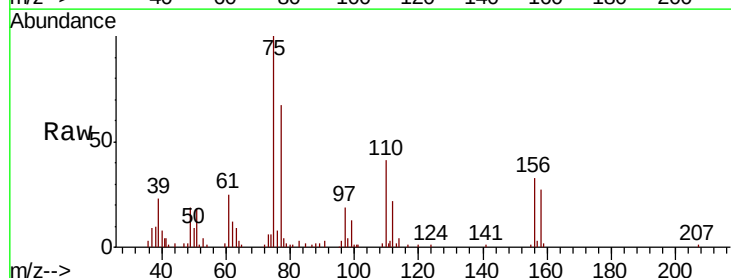
Acq: 05 Oct 2020 10:57

Tgt Ion: 75 Resp: 96325

Ion Ratio Lower Upper

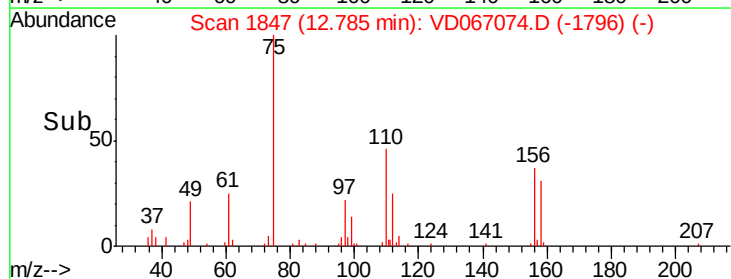
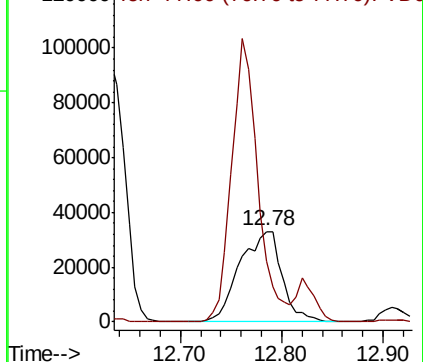
75 100

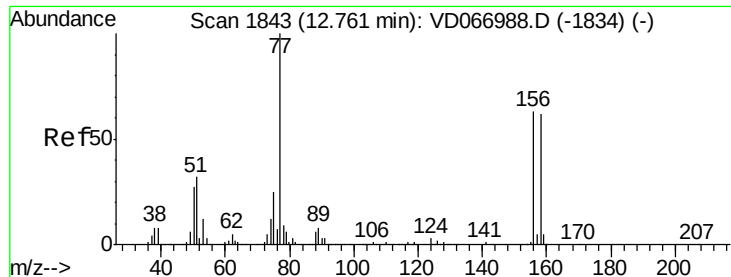
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.247 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD1005SBS01

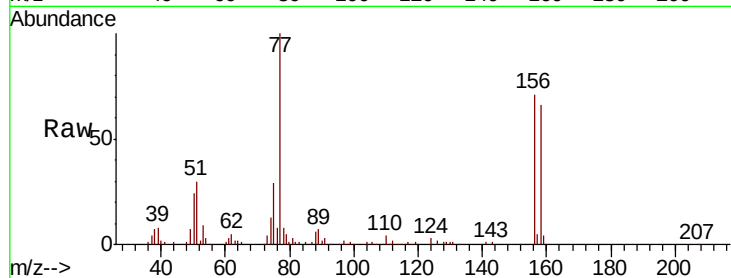
Tot Ion:156 Resp: 110944

Ion Ratio Lower Upper

156 100

77 169.0 86.3 258.8

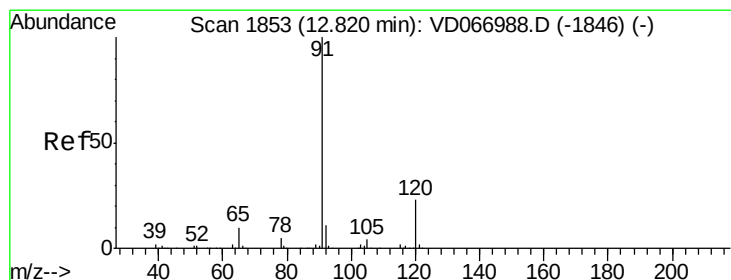
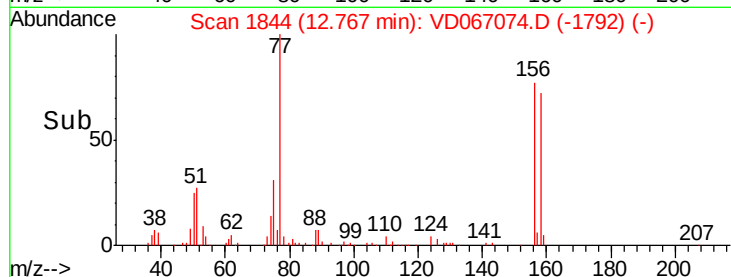
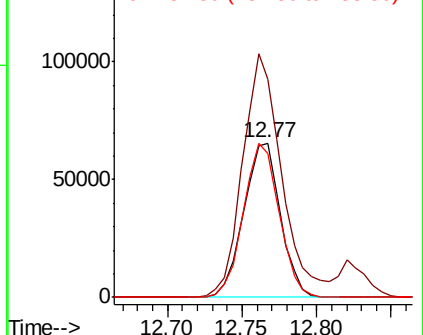
158 97.7 49.5 148.3



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: 21.320 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD067074.D

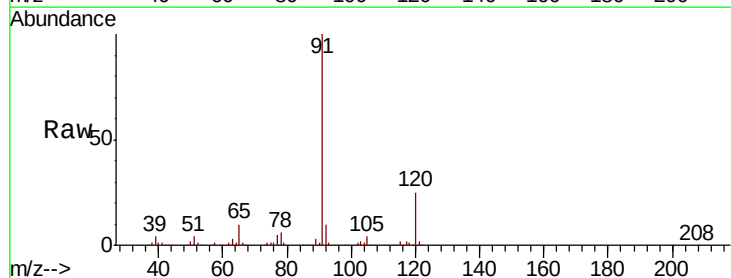
Acq: 05 Oct 2020 10:57

Tgt Ion: 91 Resp: 544858

Ion Ratio Lower Upper

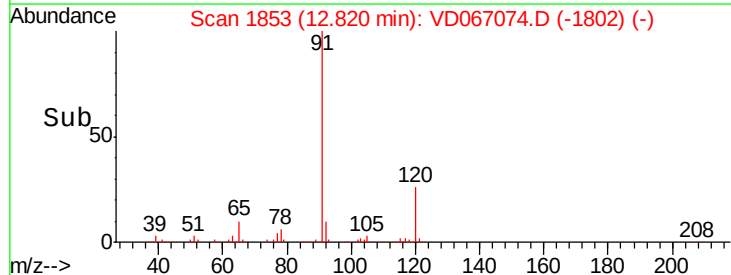
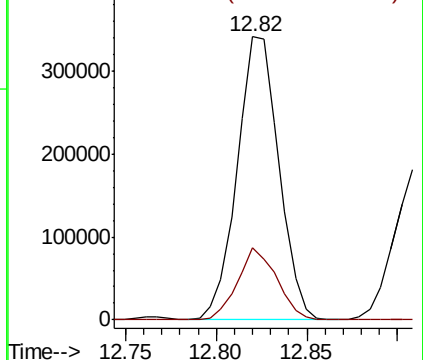
91 100

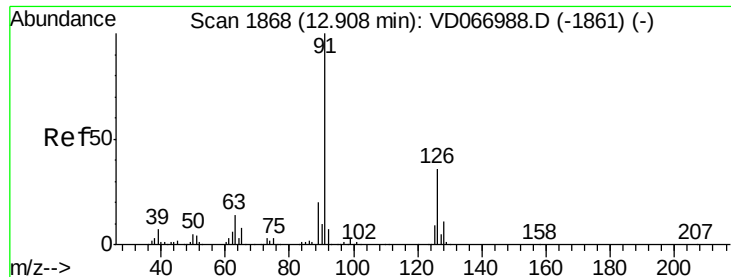
120 24.0 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.065 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

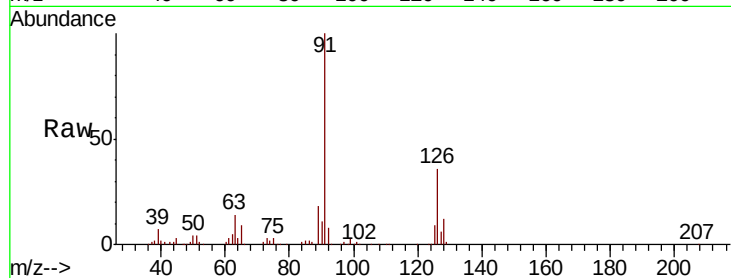
VD1005SBS01

Tot Ion: 91 Resp: 308015

Ion Ratio Lower Upper

91 100

126 34.9 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VD066988.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD066988.D (-1861) (-)

400000

300000

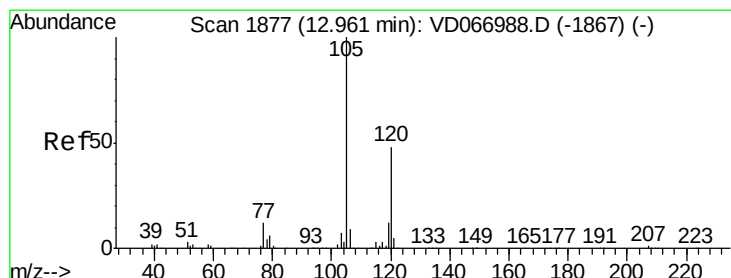
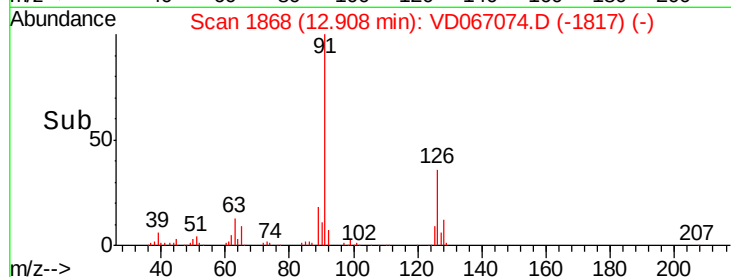
200000

100000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.642 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067074.D

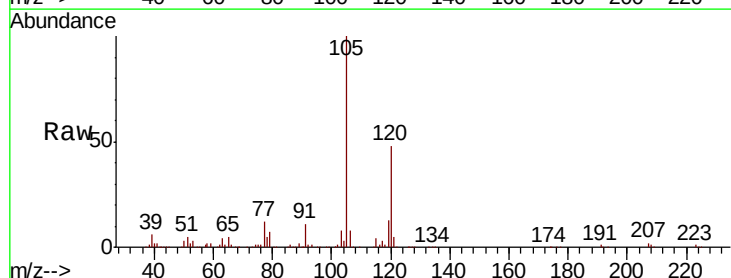
Acq: 05 Oct 2020 10:57

Tgt Ion:105 Resp: 395396

Ion Ratio Lower Upper

105 100

120 48.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VD066988.D (-1867) (-)

Ion 120.00 (119.70 to 120.70): VD066988.D (-1867) (-)

300000

250000

200000

150000

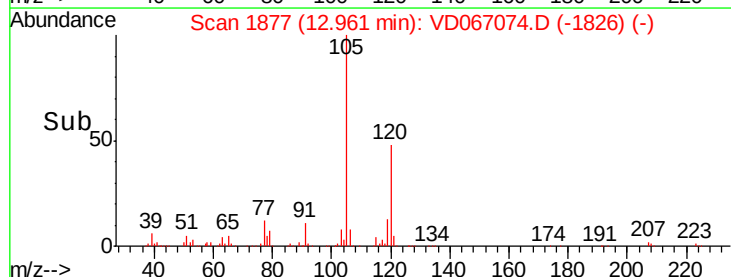
100000

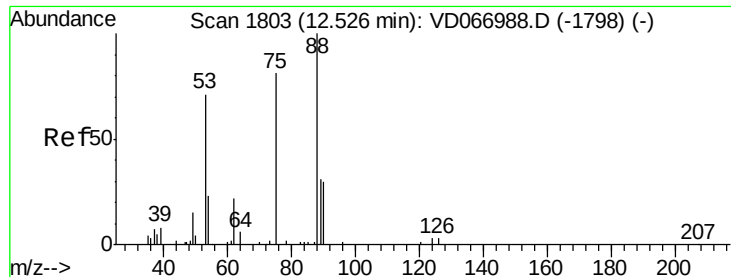
50000

0

12.90 12.95 13.00

Time-->

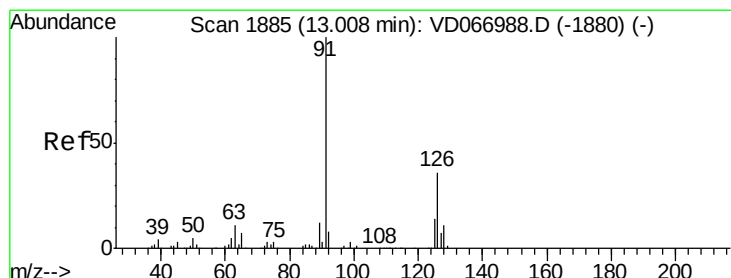
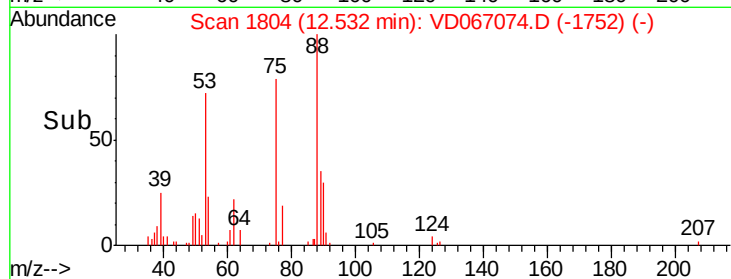
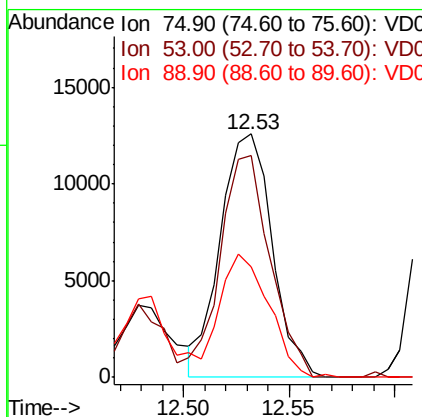
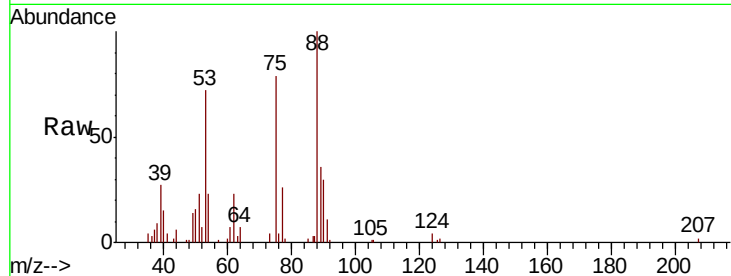




#81
trans-1,4-Dichloro-2-butene
Concen: 19.269 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

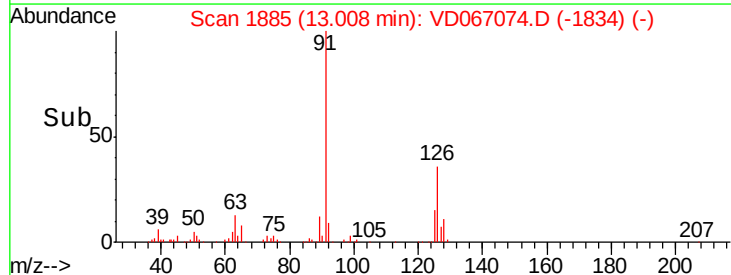
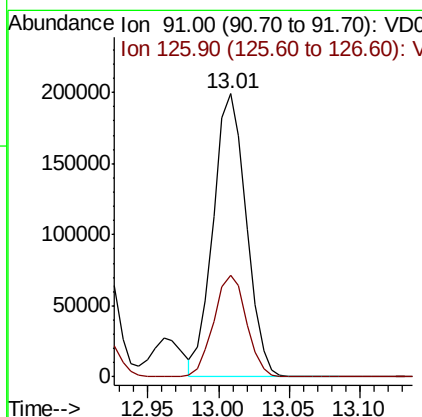
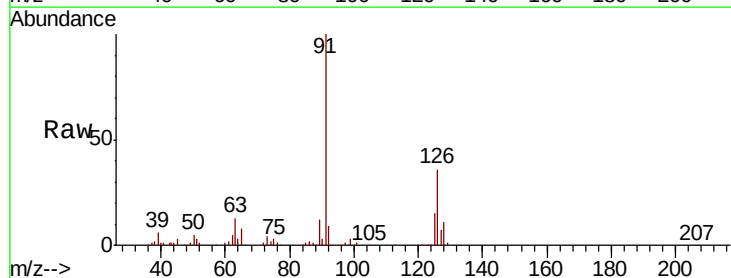
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBS01

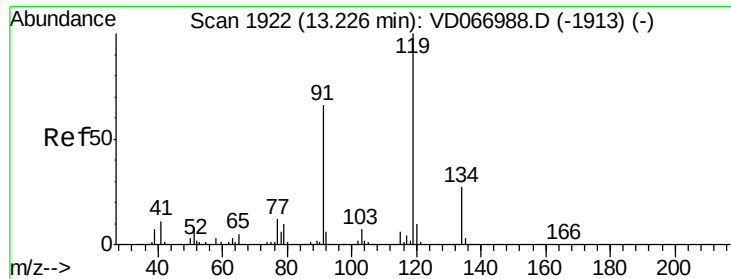
Tot Ion: 75 Resp: 21440
Ion Ratio Lower Upper
75 100
53 88.8 73.8 110.6
89 47.2 38.9 58.3



#82
4-Chlorotoluene
Concen: 20.841 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

Tgt Ion: 91 Resp: 324231
Ion Ratio Lower Upper
91 100
126 35.6 17.5 52.5

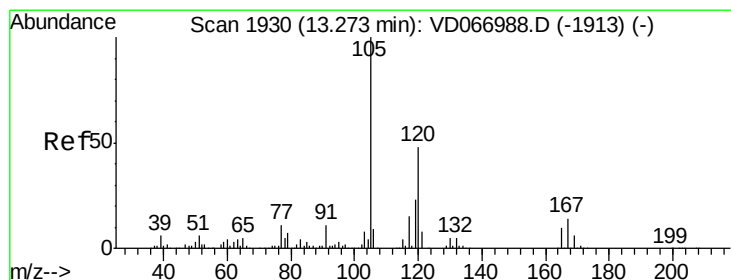
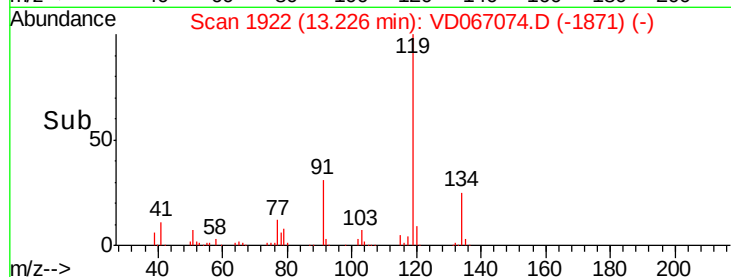
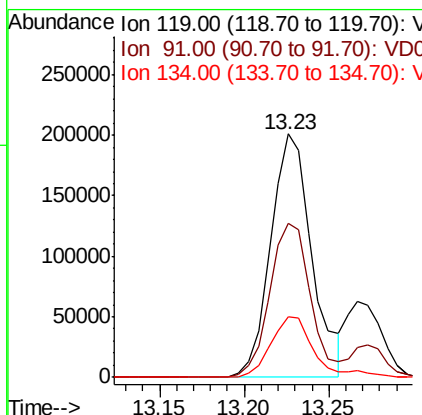
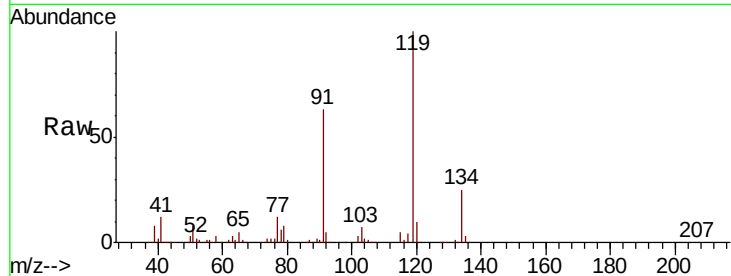




#83
 tert-Butylbenzene
 Concen: 21.925 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

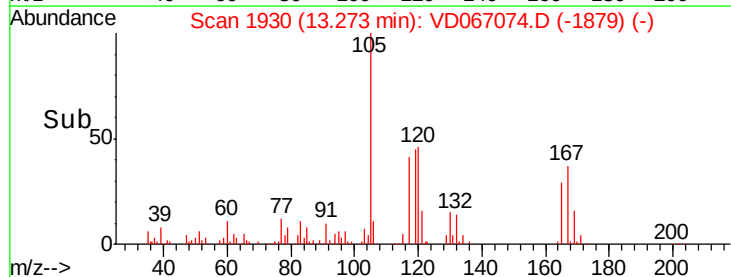
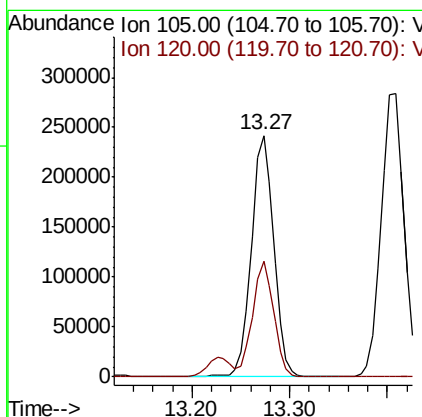
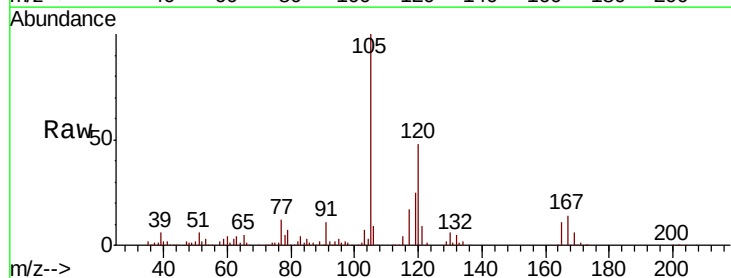
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBS01

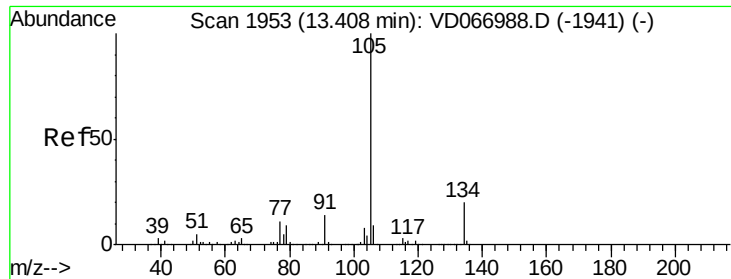
Tot Ion:119 Resp: 337320
 Ion Ratio Lower Upper
 119 100
 91 62.5 32.8 98.3
 134 26.3 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 21.240 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

Tgt Ion:105 Resp: 387268
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.3 69.8





#85

sec-Butylbenzene

Concen: 21.286 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

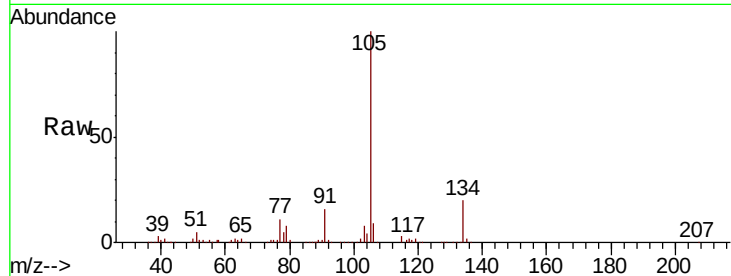
VD1005SBS01

Tot Ion:105 Resp: 461182

Ion Ratio Lower Upper

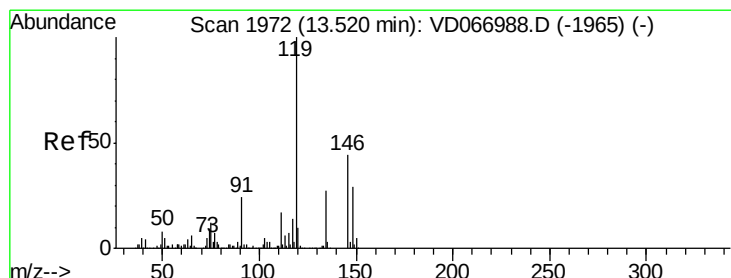
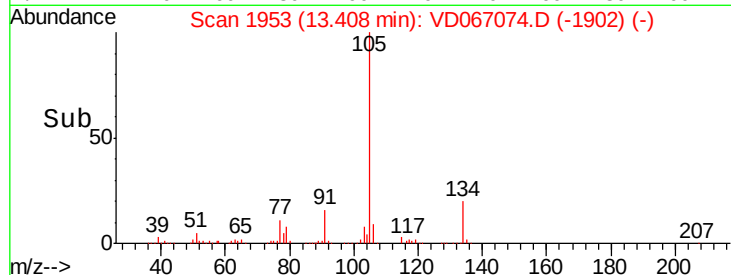
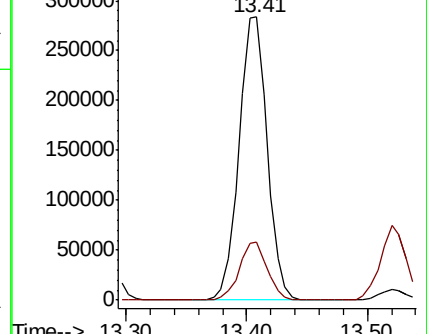
105 100

134 20.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.389 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067074.D

Acq: 05 Oct 2020 10:57

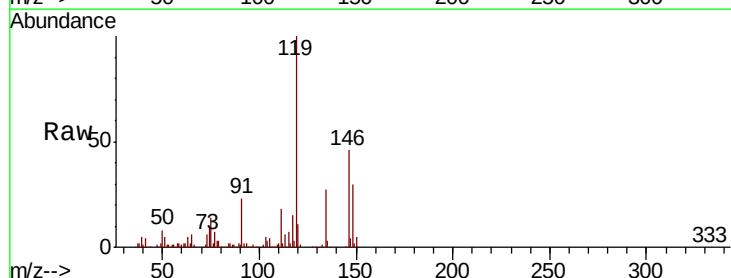
Tgt Ion:119 Resp: 429647

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

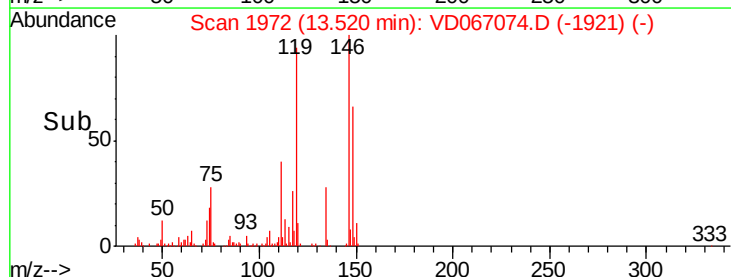
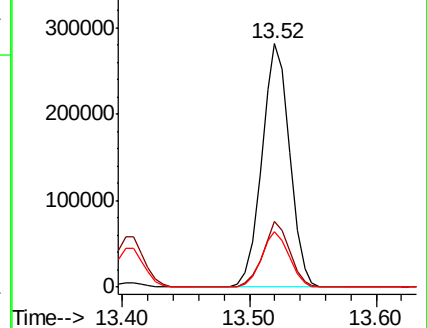
91 22.4 11.7 35.1

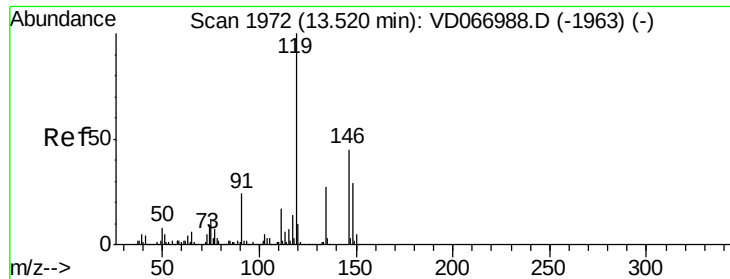


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

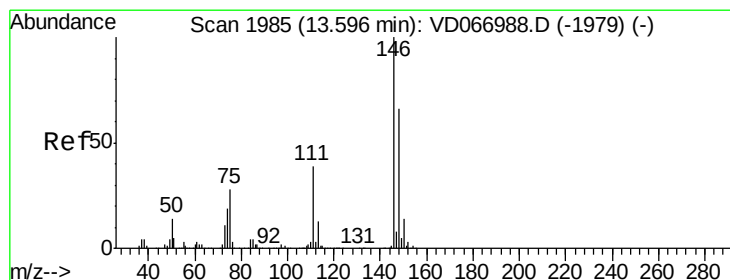
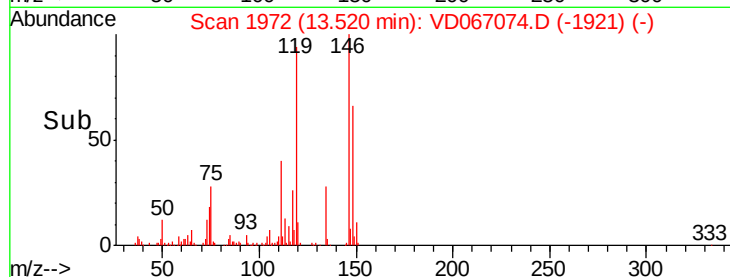
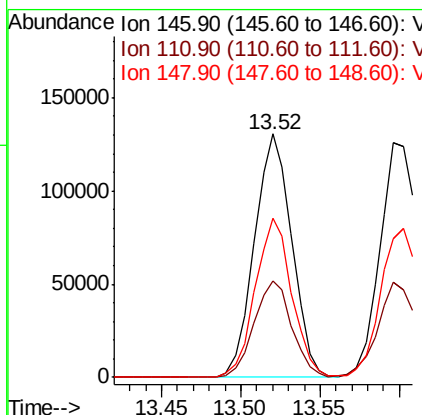
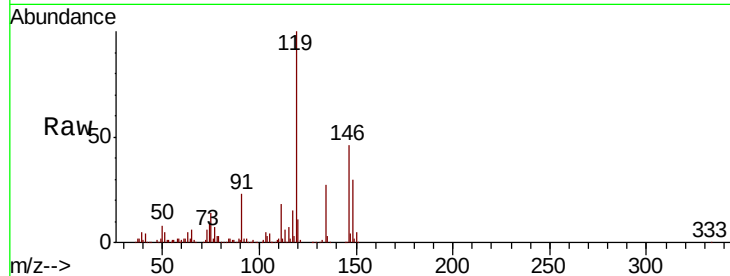




#87
 1,3-Dichlorobenzene
 Concen: 21.007 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

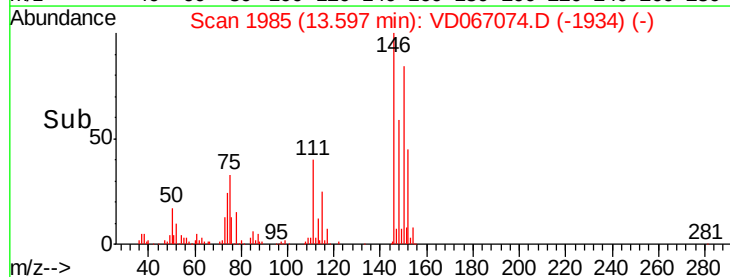
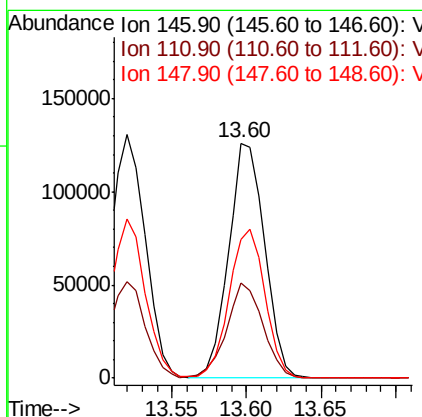
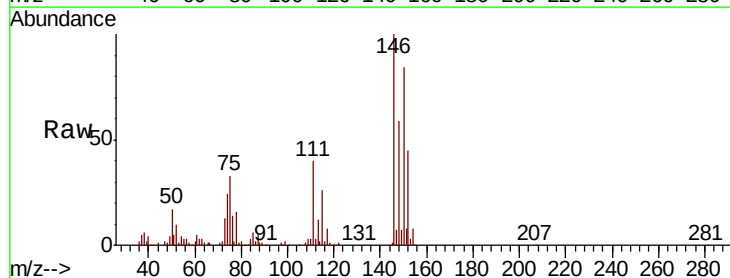
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBS01

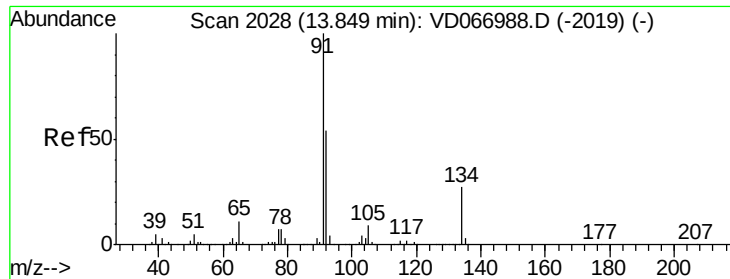
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	60.0
148	64.2	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.919 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.6	58.7
148	63.3	32.6	97.7

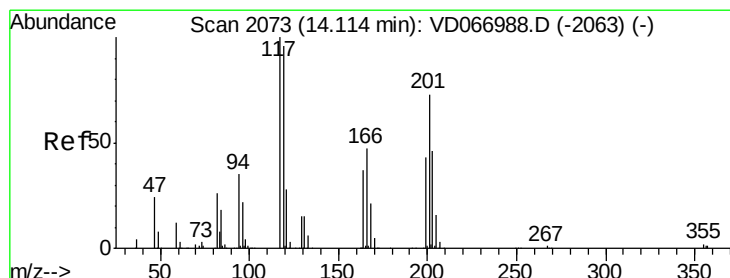
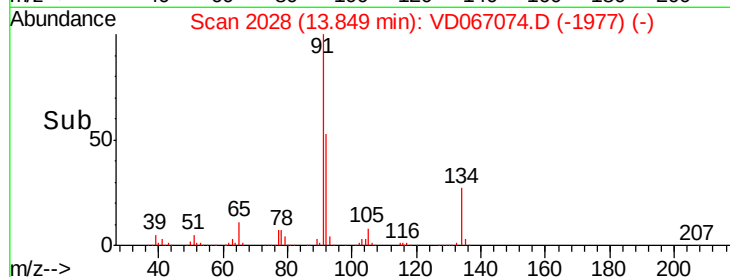
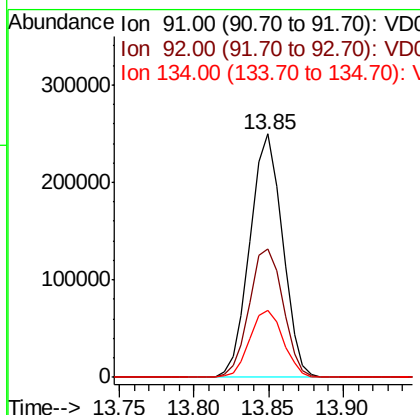
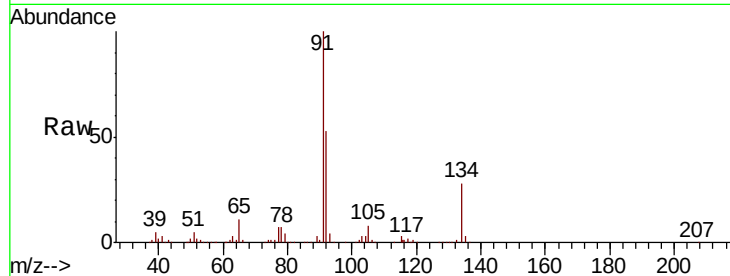




#89
n-Butylbenzene
Concen: 20.592 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

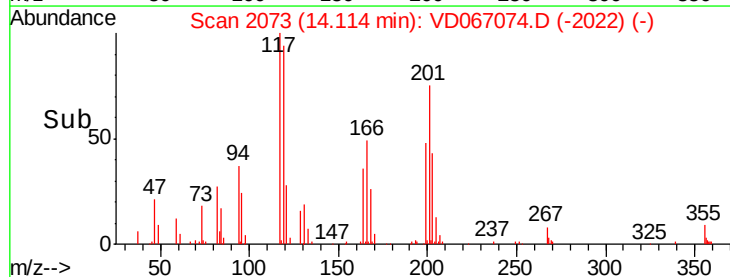
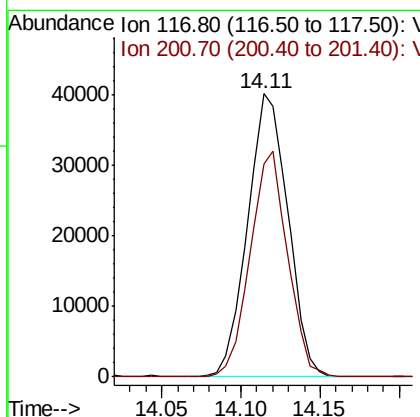
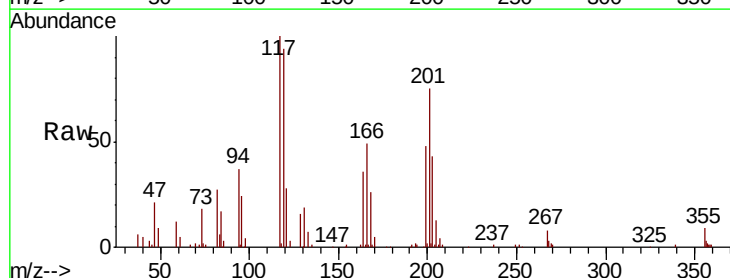
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBS01

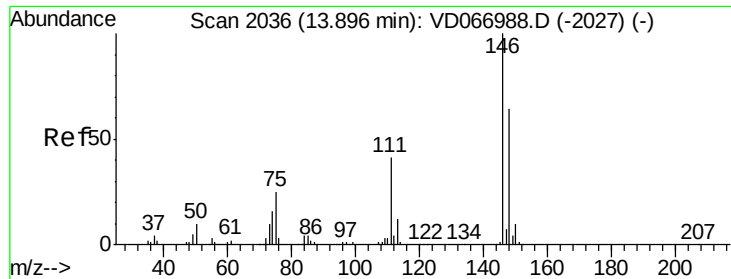
Tot Ion: 91 Resp: 378022
Ion Ratio Lower Upper
91 100
92 54.7 27.1 81.2
134 28.2 13.6 40.8



#90
Hexachloroethane
Concen: 20.170 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

Tgt Ion: 117 Resp: 70969
Ion Ratio Lower Upper
117 100
201 74.0 37.0 110.9

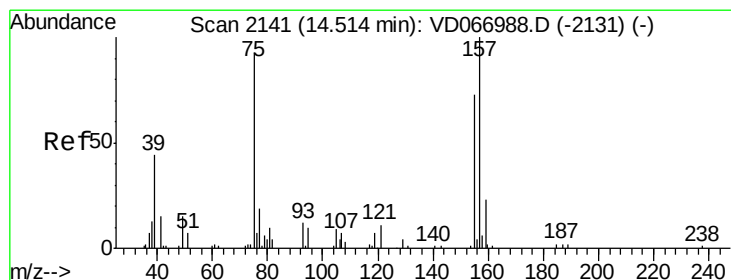
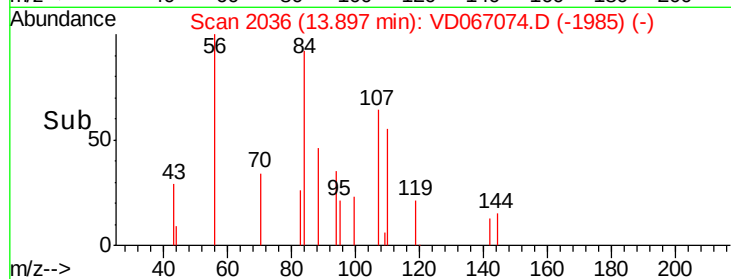
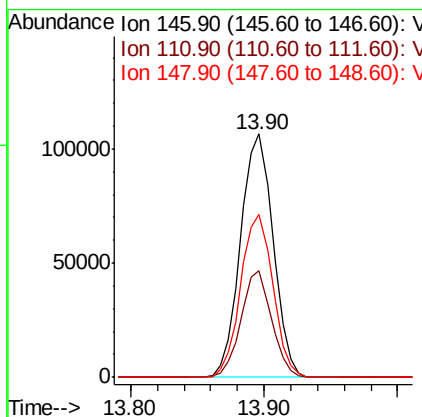
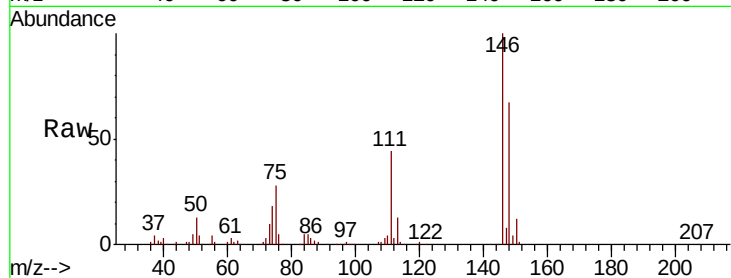




#91
 1,2-Dichlorobenzene
 Concen: 20.246 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

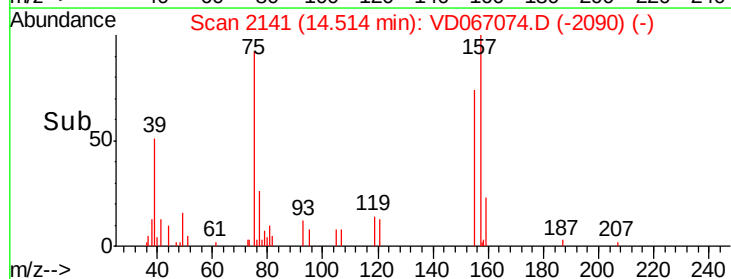
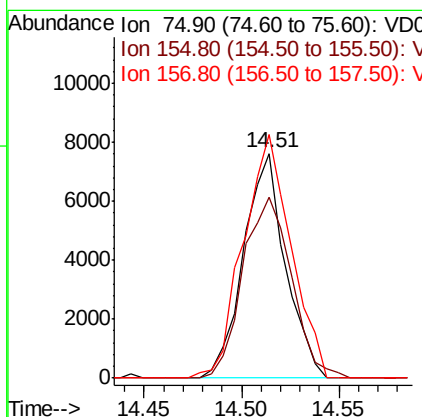
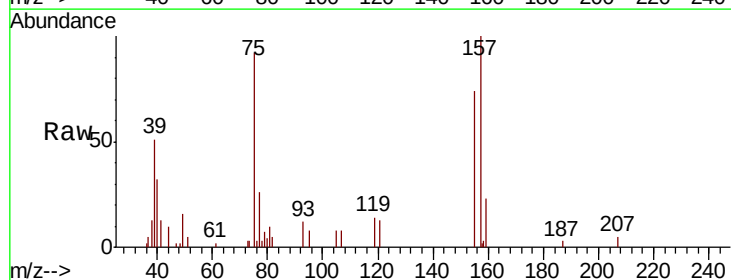
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBS01

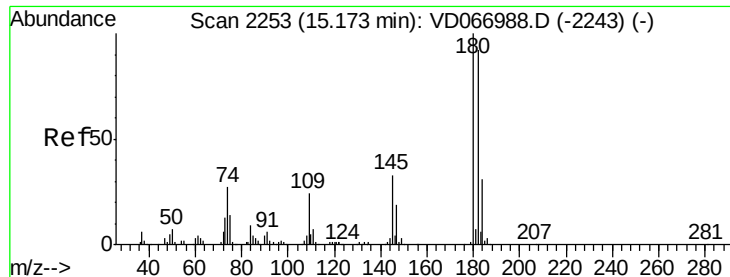
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.9	62.7
148	66.0	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.296 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.4	45.2	135.6
157	123.1	56.3	168.8

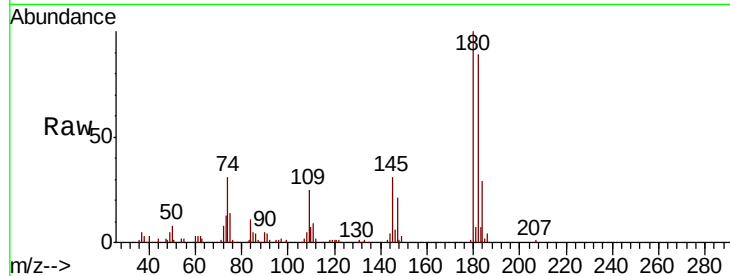




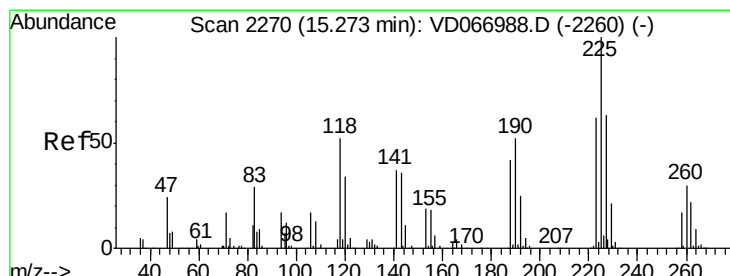
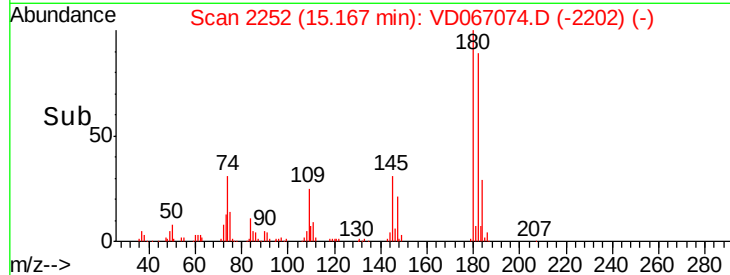
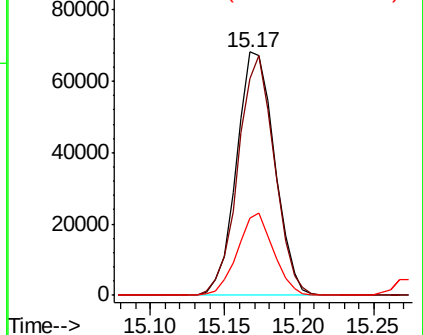
#93
 1,2,4-Trichlorobenzene
 Concen: 21.049 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.3	142.0
145	31.6	16.4	49.1

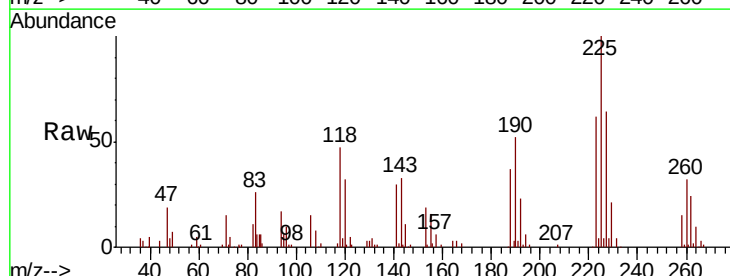


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

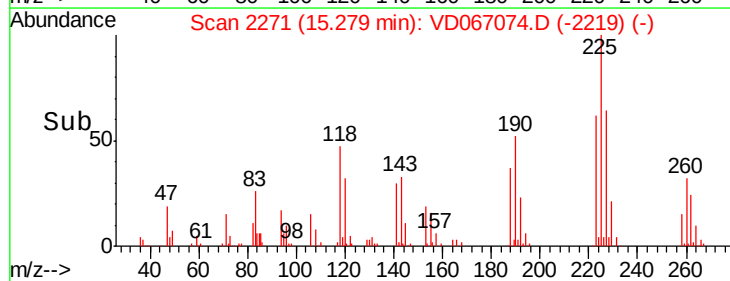
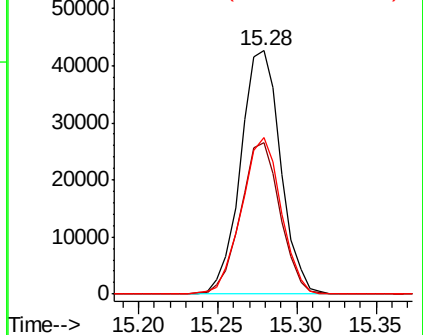


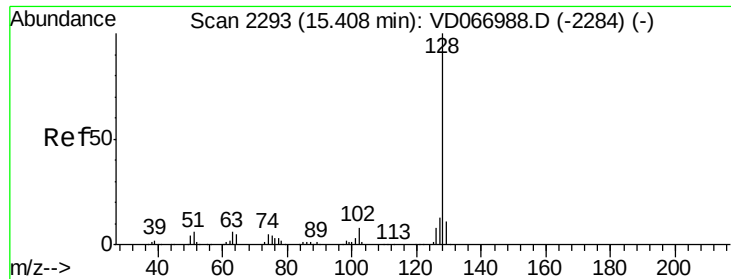
#94
 Hexachlorobutadiene
 Concen: 21.195 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067074.D
 Acq: 05 Oct 2020 10:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	32.4	97.0
227	63.4	31.6	95.0



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

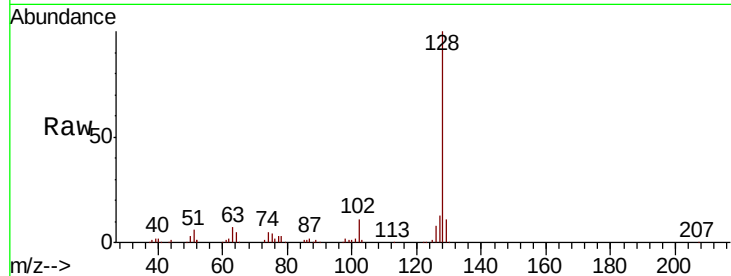




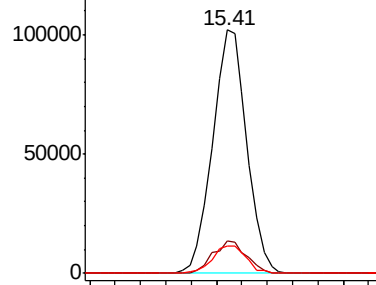
#95
Naphthalene
Concen: 19.867 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

Instrument :
MSVOA_D
ClientSampleId :
VD1005SBS01

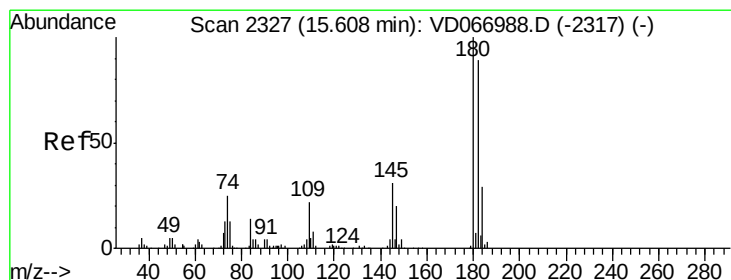
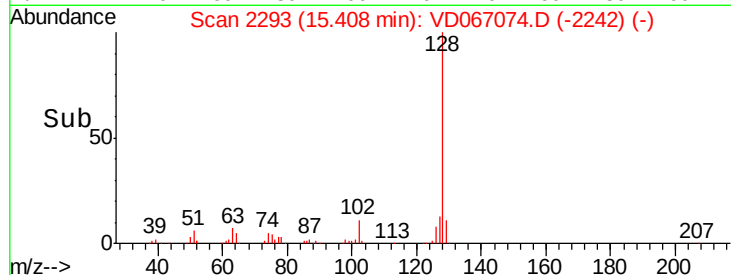
Tot Ion:128 Resp: 190387
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

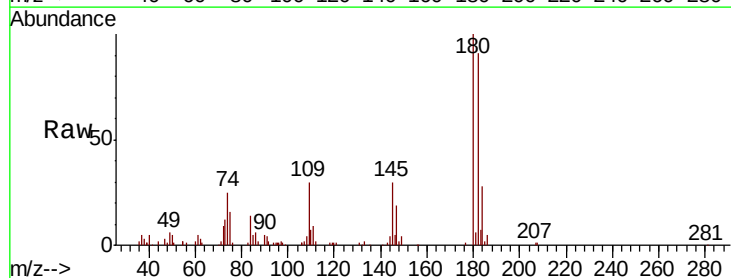


Time--> 15.30 15.40 15.50

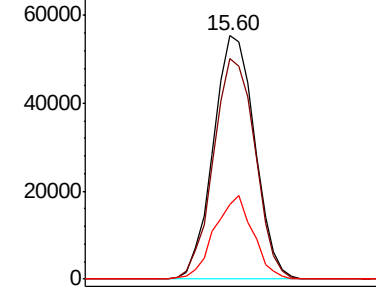


#96
1,2,3-Trichlorobenzene
Concen: 21.359 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD067074.D
Acq: 05 Oct 2020 10:57

Tgt Ion:180 Resp: 106528
Ion Ratio Lower Upper
180 100
182 91.2 46.4 139.1
145 31.8 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V



Time--> 15.55 15.60 15.65

