

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
 Data File : VD067080.D
 Acq On : 05 Oct 2020 13:40
 Operator : VA/SY
 Sample : L4247-02MS
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(0-1)MS

Quant Time: Oct 06 07:16:54 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	28424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	51060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	49121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	17823	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	33101	120.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	241.80%	
35) Dibromofluoromethane	7.91	113	23879	71.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.86%	
50) Toluene-d8	10.34	98	65172	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
62) 4-Bromofluorobenzene	12.63	95	22130	53.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	13447	59.731	ug/l	95
3) Chloromethane	2.20	50	14117	62.364	ug/l	99
4) Vinyl Chloride	2.35	62	12658	55.768	ug/l	98
5) Bromomethane	2.77	94	13048	92.902	ug/l	90
6) Chloroethane	2.92	64	8658	62.637	ug/l	90
7) Trichlorofluoromethane	3.27	101	25691	50.946	ug/l	97
8) Diethyl Ether	3.71	74	16380	130.987	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	12292	43.126	ug/l #	65
10) Methyl Iodide	4.30	142	15871	57.307	ug/l #	43
11) Tert butyl alcohol	5.22	59	36167	2737.552	ug/l #	85
12) 1,1-Dichloroethene	4.07	96	14933	55.732	ug/l	87
13) Acrolein	3.92	56	29567	1612.850	ug/l	99
14) Allyl chloride	4.72	41	23116	66.409	ug/l	99
15) Acrylonitrile	5.42	53	84685	1840.010	ug/l	98
16) Acetone	4.16	43	83074	1987.773	ug/l	96
17) Carbon Disulfide	4.40	76	40571	49.338	ug/l	96
18) Methyl Acetate	4.71	43	62010	590.353	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	73445	150.152	ug/l	96
20) Methylene Chloride	4.96	84	26828	97.350	ug/l	91
21) trans-1,2-Dichloroethene	5.48	96	18619	61.059	ug/l	89
22) Diisopropyl ether	6.36	45	59874	94.219	ug/l #	94
23) Vinyl Acetate	6.31	43	249598	693.130	ug/l	99
24) 1,1-Dichloroethane	6.27	63	33816	68.952	ug/l	96
25) 2-Butanone	7.21	43	114286	1928.809	ug/l	92
26) 2,2-Dichloropropane	7.21	77	28058	68.426	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	25358	77.865	ug/l	94
28) Bromochloromethane	7.55	49	22045	116.395	ug/l	99
29) Tetrahydrofuran	7.56	42	66474	1951.132	ug/l	97
30) Chloroform	7.71	83	40855	76.793	ug/l	88
31) Cyclohexane	7.99	56	10789	26.240	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	26333	53.408	ug/l	98
36) 1,1-Dichloropropene	8.11	75	18630	39.144	ug/l	99
37) Ethyl Acetate	7.29	43	40689	246.784	ug/l	96
38) Carbon Tetrachloride	8.10	117	18663	36.242	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.35	83	5996	11.916	ug/l #	84
40) Benzene	8.35	78	72605	54.923	ug/l	97
41) Methacrylonitrile	7.52	41	23846	267.710	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	39325	106.459	ug/l	100
43) Isopropyl Acetate	8.45	43	61573	202.717	ug/l	93
44) Trichloroethene	9.11	130	18881	47.831	ug/l	100
45) 1,2-Dichloropropane	9.38	63	21093	67.909	ug/l	95
46) Dibromomethane	9.47	93	20913	117.146	ug/l	93
47) Bromodichloromethane	9.66	83	35652	76.827	ug/l	94
48) Methyl methacrylate	9.46	41	29277	188.144	ug/l	90
49) 1,4-Dioxane	9.46	88	14995	8048.050	ug/l #	94
51) 4-Methyl-2-Pentanone	10.23	43	212909	1407.273	ug/l	99
52) Toluene	10.40	92	39793	46.730	ug/l	94
53) t-1,3-Dichloropropene	10.62	75	38290	92.323	ug/l	92
54) cis-1,3-Dichloropropene	10.09	75	40664	80.293	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	29845	120.247	ug/l	97
56) Ethyl methacrylate	10.66	69	41158	160.617	ug/l	98
57) 1,3-Dichloropropane	10.95	76	45617	113.340	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	124035	869.665	ug/l	99
59) 2-Hexanone	10.98	43	157480	1559.539	ug/l	100
60) Dibromochloromethane	11.14	129	33085	100.014	ug/l	93
61) 1,2-Dibromoethane	11.24	107	32932	138.109	ug/l	99
64) Tetrachloroethene	10.87	164	11523	32.267	ug/l	91
65) Chlorobenzene	11.67	112	46762	47.865	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	11.74	131	22319	60.059	ug/l	98
67) Ethyl Benzene	11.74	91	57170	34.154	ug/l	96
68) m/p-Xylenes	11.86	106	42143	64.602	ug/l	99
69) o-Xylene	12.18	106	25006	42.865	ug/l	98
70) Styrene	12.20	104	43894	43.818	ug/l	97
71) Bromoform	12.36	173	24593	127.490	ug/l #	95
73) Isopropylbenzene	12.48	105	37775	31.214	ug/l	96
74) N-amyl acetate	12.29	43	39067	179.573	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	42315	207.526	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	54605	351.736	ug/l #	100
77) Bromobenzene	12.76	156	20605	70.512	ug/l	71
78) n-propylbenzene	12.82	91	34870	24.380	ug/l	96
79) 2-Chlorotoluene	12.91	91	37126	45.369	ug/l	91
80) 1,3,5-Trimethylbenzene	12.96	105	58101	56.823	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	15241	244.761	ug/l	94
82) 4-Chlorotoluene	13.01	91	38121	43.785	ug/l	98
83) tert-Butylbenzene	13.23	119	20709	24.051	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	46597	45.665	ug/l	97
85) sec-Butylbenzene	13.41	105	21148	17.441	ug/l	98
86) p-Isopropyltoluene	13.52	119	24622	21.903	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	25381	44.591	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	27000	47.441	ug/l	96
89) n-Butylbenzene	13.84	91	15076	14.674	ug/l #	76
90) Hexachloroethane	14.13	117	6728	34.167	ug/l #	49
91) 1,2-Dichlorobenzene	13.90	146	27084	54.484	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9489	288.694	ug/l	94

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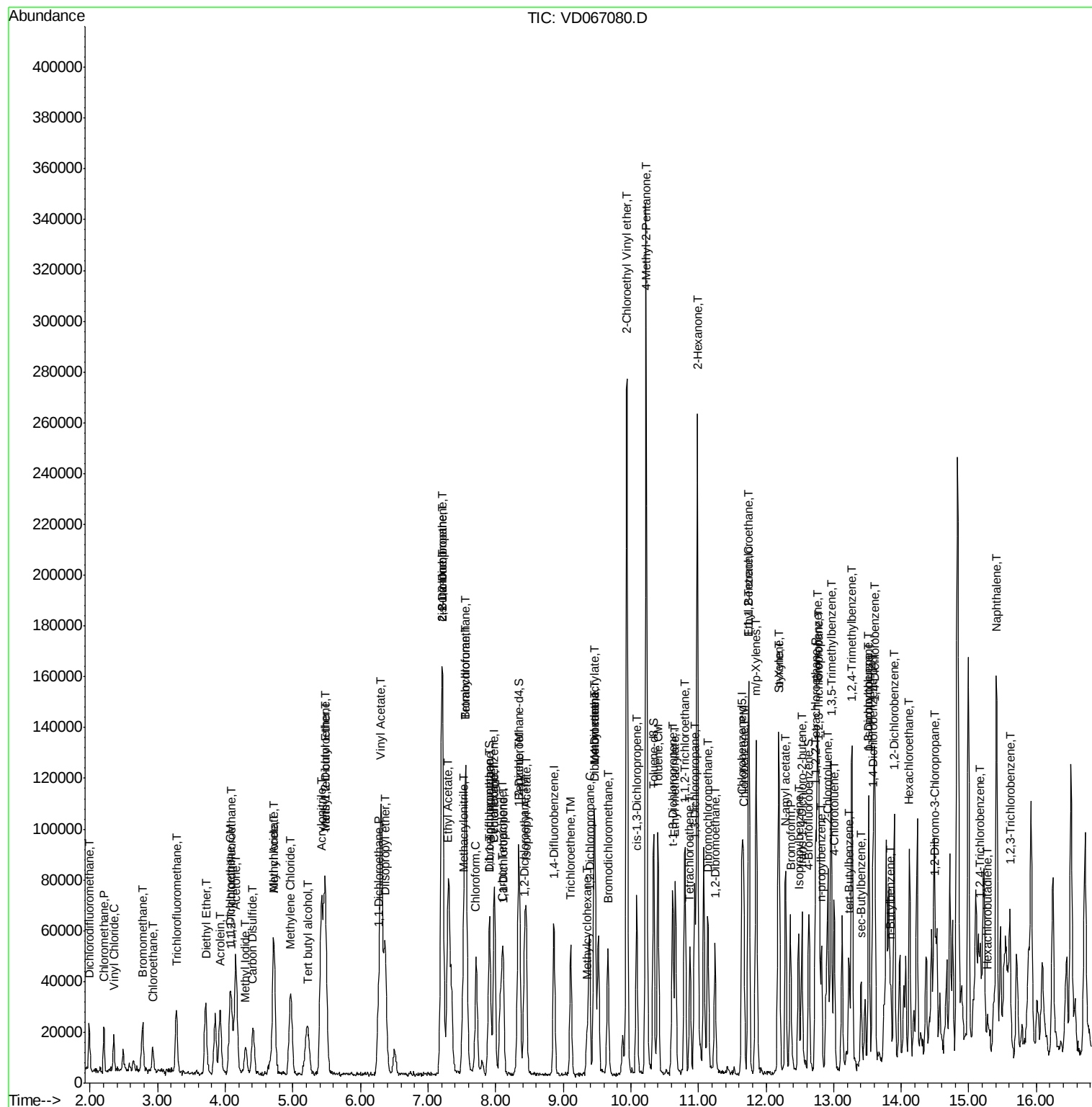
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	9806	30.497	ug/l #	82
94) Hexachlorobutadiene	15.28	225	1477	7.480	ug/l #	75
95) Naphthalene	15.41	128	129908	242.223	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	9319	33.386	ug/l #	75

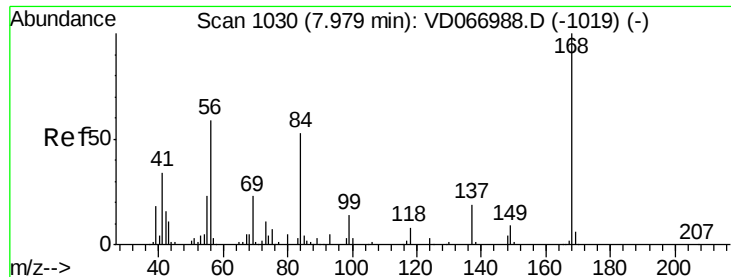
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

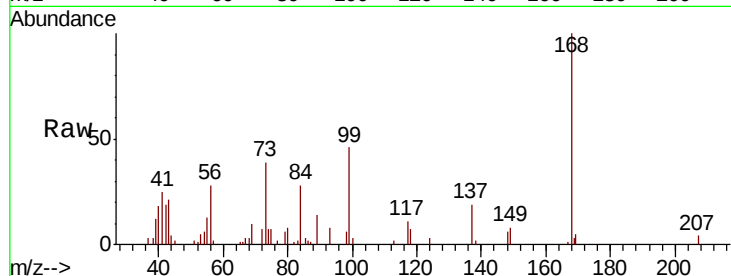
B-18(0-1)MS

Tot Ion:168 Resp: 28424

Ion Ratio Lower Upper

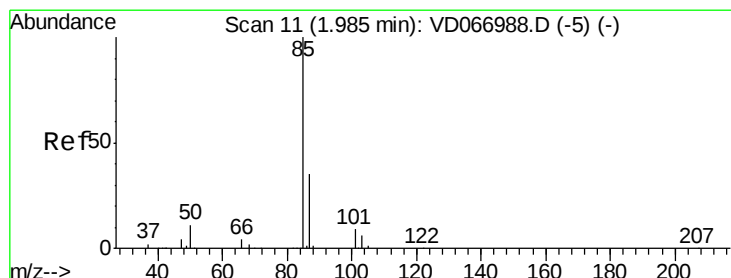
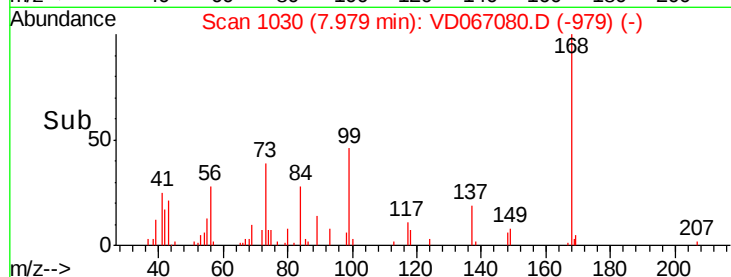
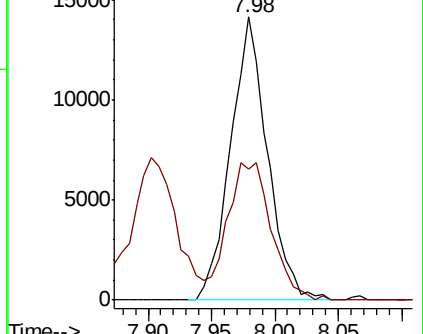
168 100

99 46.3 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 59.731 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067080.D

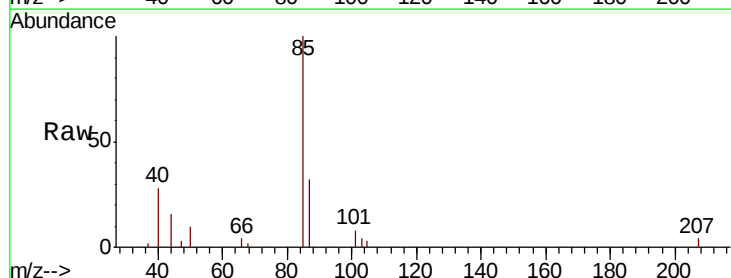
Acq: 05 Oct 2020 13:40

Tgt Ion: 85 Resp: 13447

Ion Ratio Lower Upper

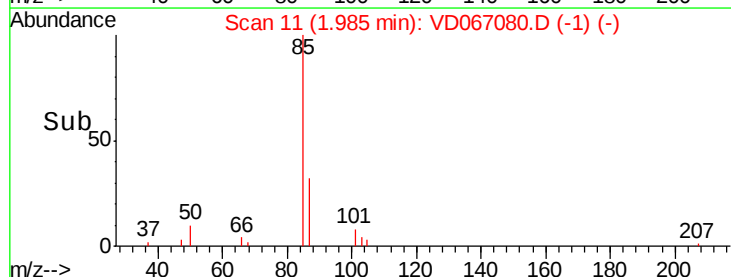
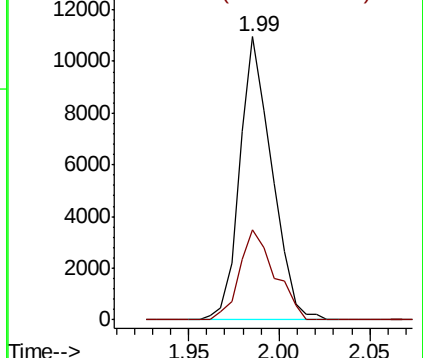
85 100

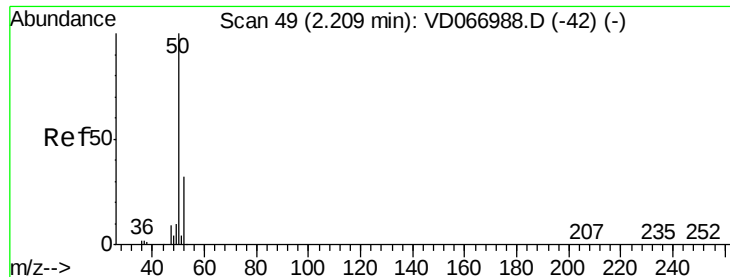
87 31.7 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 62.364 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

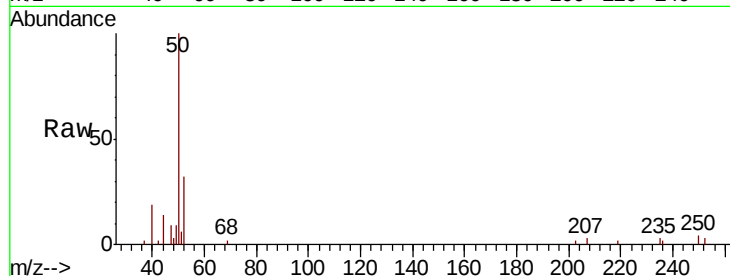
B-18(0-1)MS

Tot Ion: 50 Resp: 14117

Ion Ratio Lower Upper

50 100

52 32.1 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

12000

10000

8000

6000

4000

2000

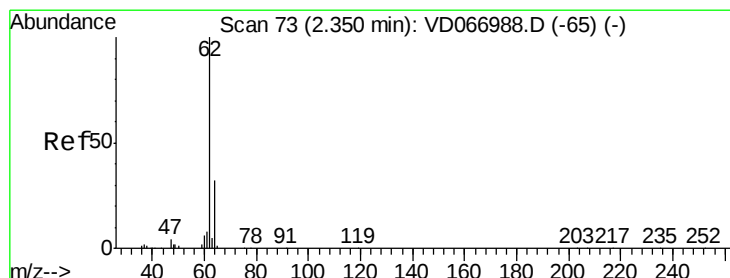
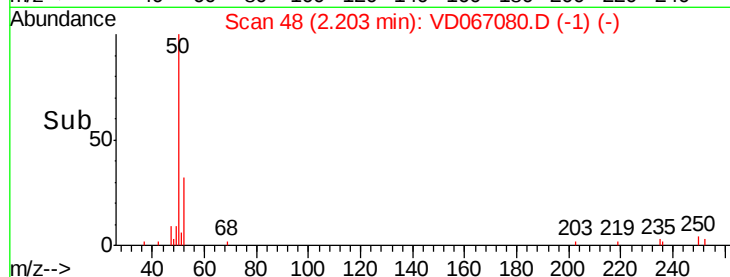
0

Time-->

2.15

2.20

2.25



#4

Vinyl Chloride

Concen: 55.768 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067080.D

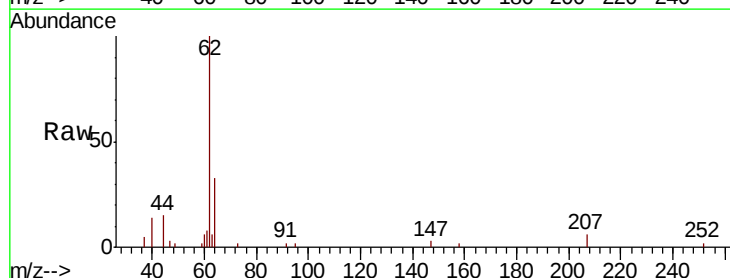
Acq: 05 Oct 2020 13:40

Tgt Ion: 62 Resp: 12658

Ion Ratio Lower Upper

62 100

64 33.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

10000

8000

6000

4000

2000

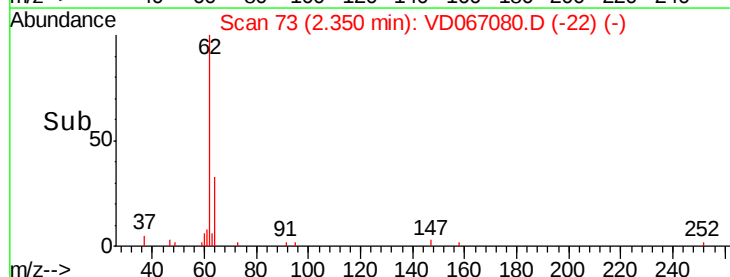
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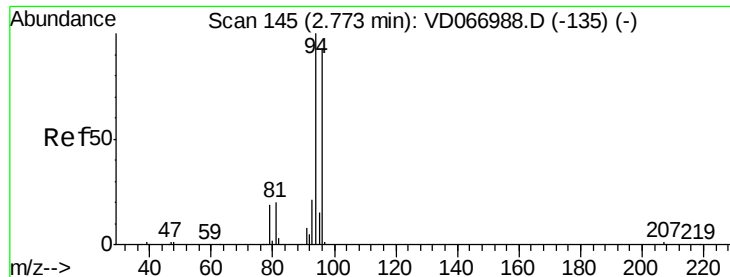
Time-->

2.30

2.35

2.40





#5

Bromomethane

Concen: 92.902 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

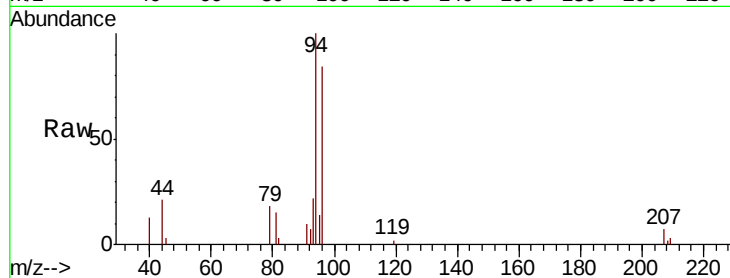
B-18(0-1)MS

Tot Ion: 94 Resp: 13048

Ion Ratio Lower Upper

94 100

96 84.0 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

6000

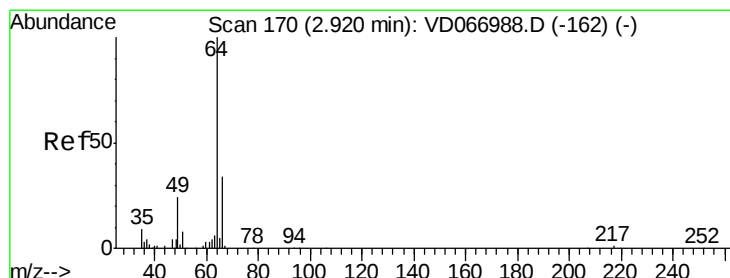
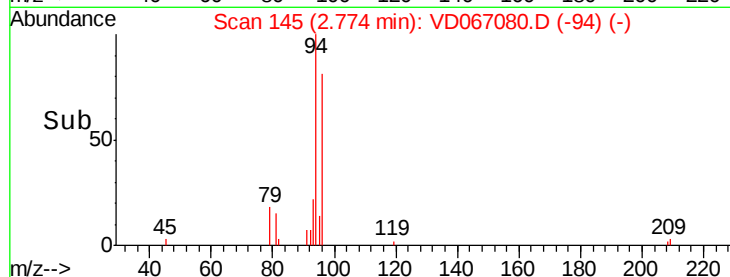
4000

2000

0

Time-->

2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 62.637 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067080.D

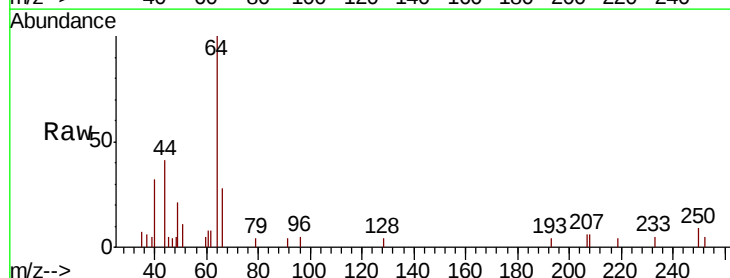
Acq: 05 Oct 2020 13:40

Tgt Ion: 64 Resp: 8658

Ion Ratio Lower Upper

64 100

66 28.0 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

4000

3000

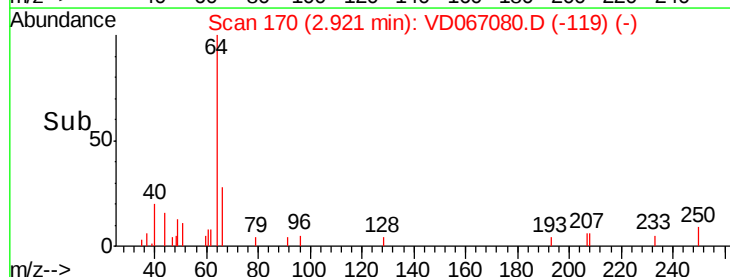
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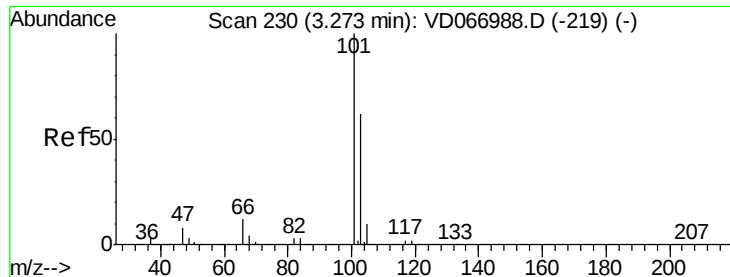
1000

0

Time-->

2.85 2.90 2.95 3.00



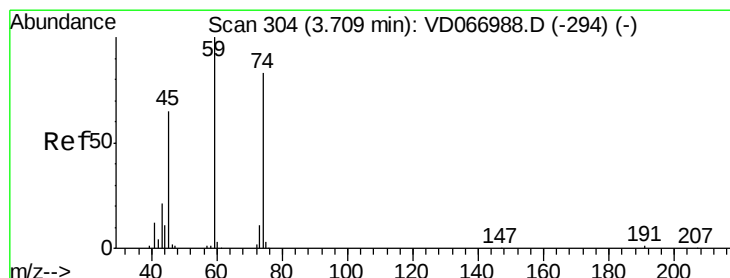
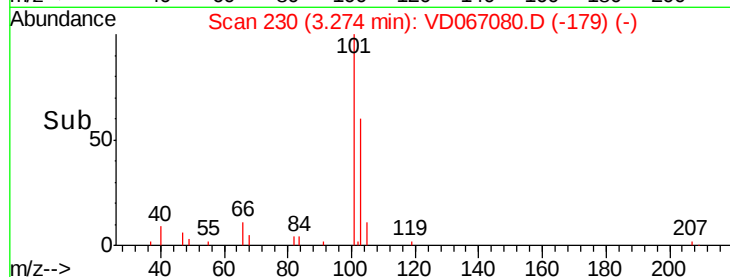
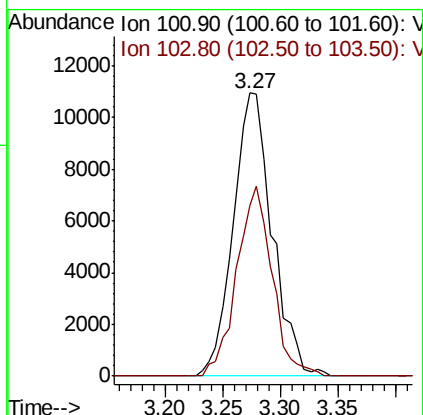
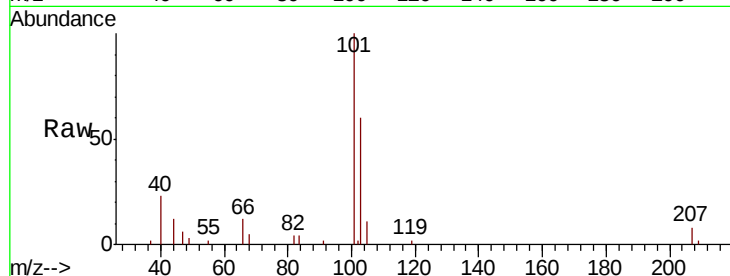


#7

Trichlorofluoromethane
 Concen: 50.946 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Instrument :
 MSVOA_D
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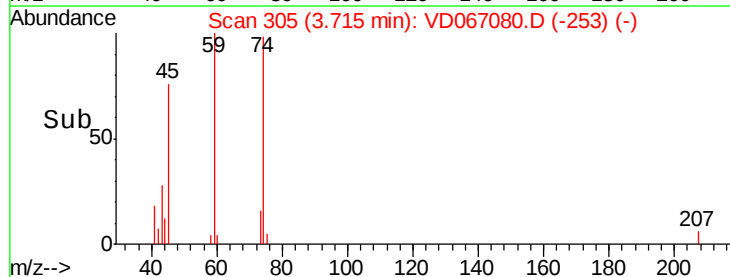
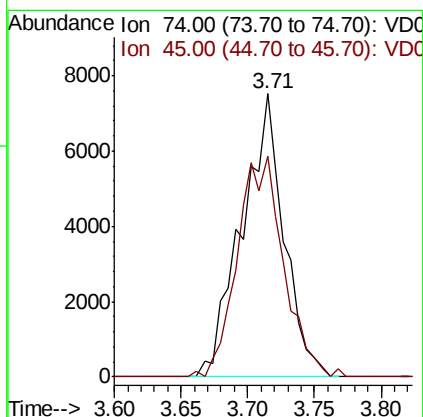
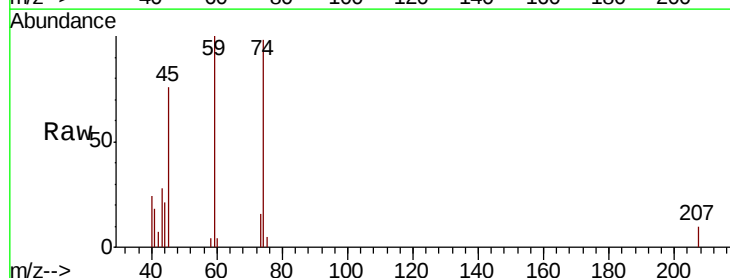
Tot Ion:101 Resp: 25691
 Ion Ratio Lower Upper
 101 100
 103 60.3 49.8 74.8

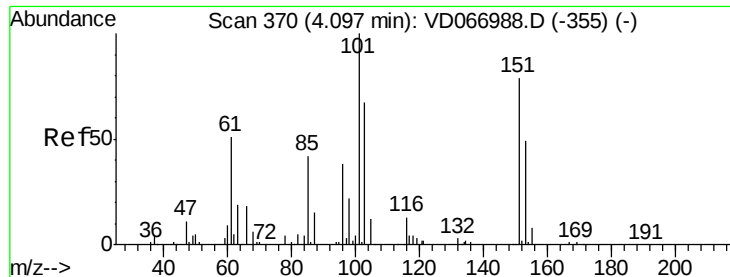


#8

Diethyl Ether
 Concen: 130.987 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Tgt Ion: 74 Resp: 16380
 Ion Ratio Lower Upper
 74 100
 45 85.2 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.126 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

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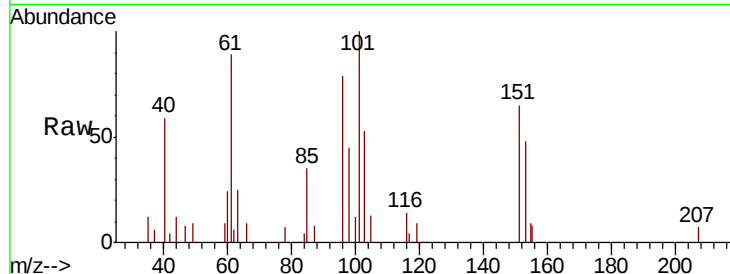
Tot Ion:101 Resp: 12292

Ion Ratio Lower Upper

101 100

85 19.2 33.8 50.8#

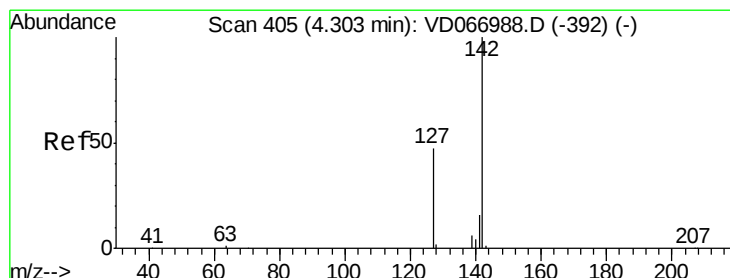
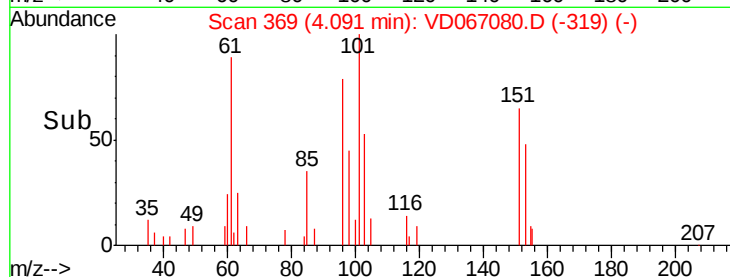
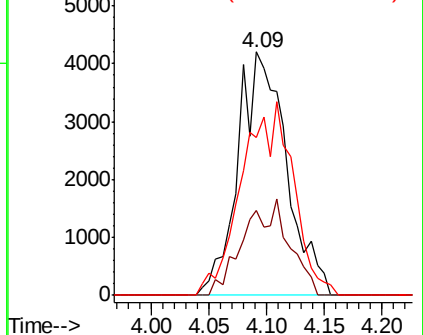
151 49.7 63.8 95.8#



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: 57.307 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

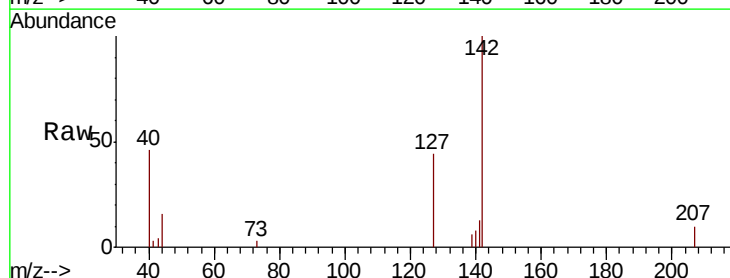
Tgt Ion:142 Resp: 15871

Ion Ratio Lower Upper

142 100

127 0.0 36.3 54.5#

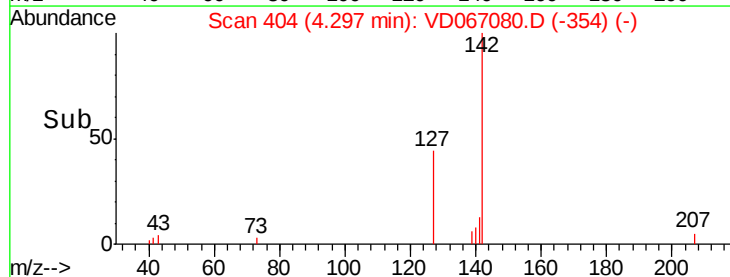
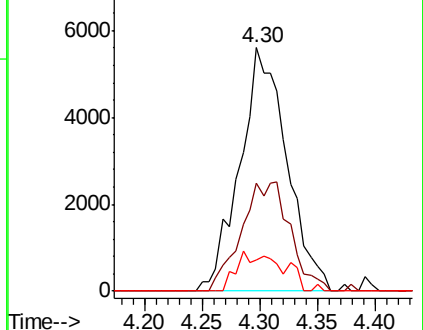
141 7.1 12.0 18.0#

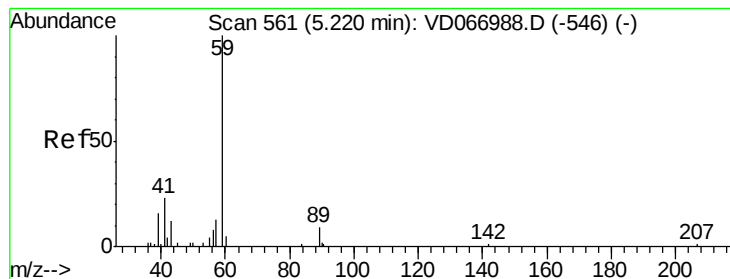


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 2737.552 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

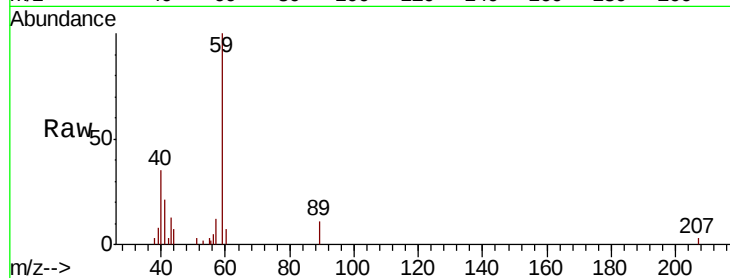
B-18(0-1)MS

Tot Ion: 59 Resp: 36167

Ion Ratio Lower Upper

59 100

57 4.8 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.22

10000

8000

6000

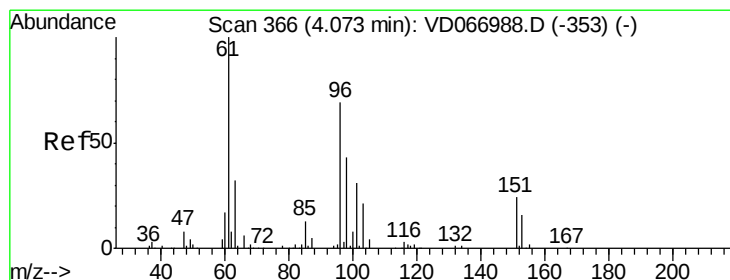
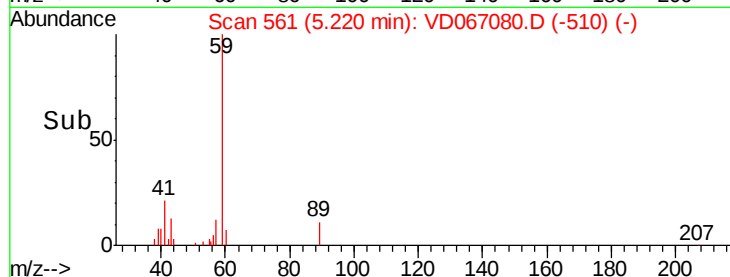
4000

2000

0

Time-->

5.10 5.20 5.30



#12

1,1-Dichloroethene

Concen: 55.732 ug/l

RT: 4.07 min Scan# 366

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

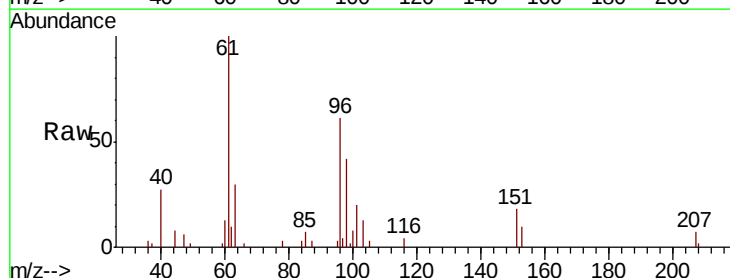
Tgt Ion: 96 Resp: 14933

Ion Ratio Lower Upper

96 100

61 163.8 116.4 174.6

98 69.5 49.9 74.9



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

10000

8000

6000

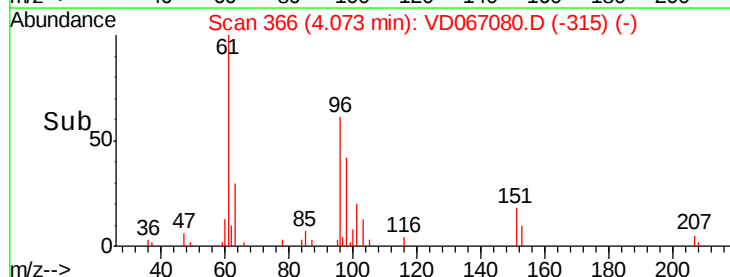
4000

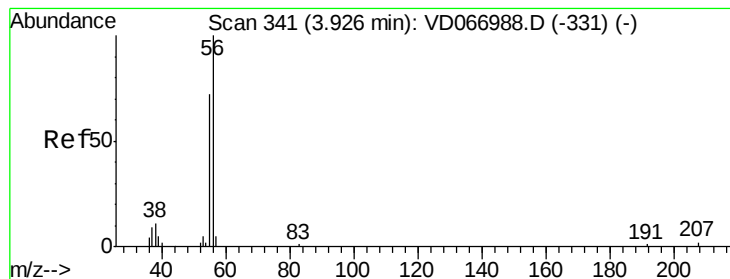
2000

0

Time-->

4.00 4.05 4.10 4.15





#13

Acrolein

Concen: 1612.850 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

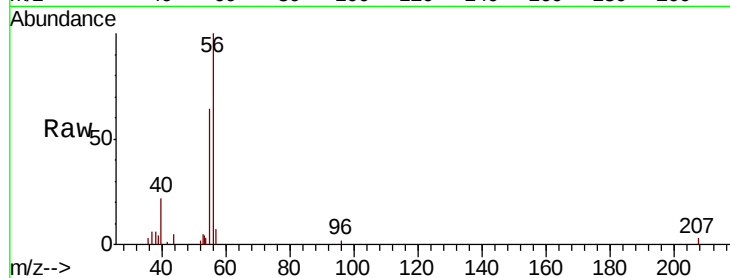
B-18(0-1)MS

Tot Ion: 56 Resp: 29567

Ion Ratio Lower Upper

56 100

55 70.0 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.92

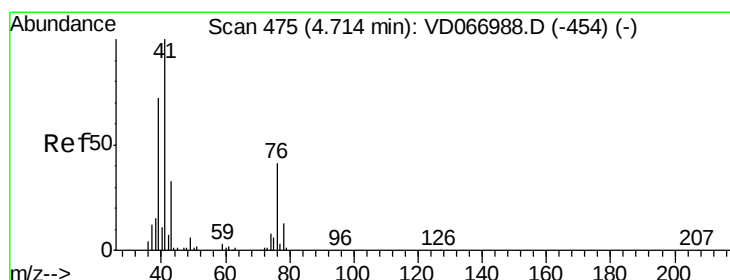
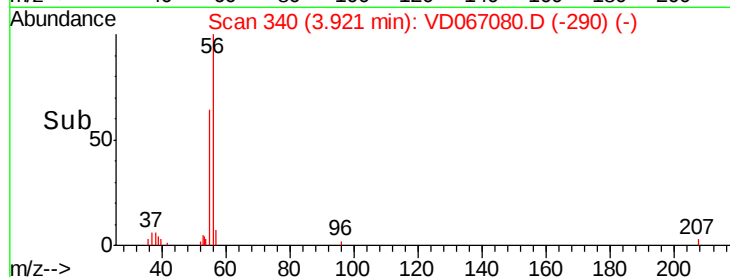
10000

5000

0

Time-->

3.80 3.90 4.00



#14

Allyl chloride

Concen: 66.409 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

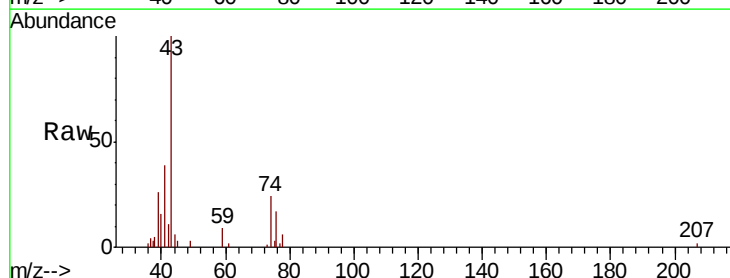
Tgt Ion: 41 Resp: 23116

Ion Ratio Lower Upper

41 100

39 70.6 56.2 84.2

76 41.7 34.2 51.2



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.72

10000

8000

6000

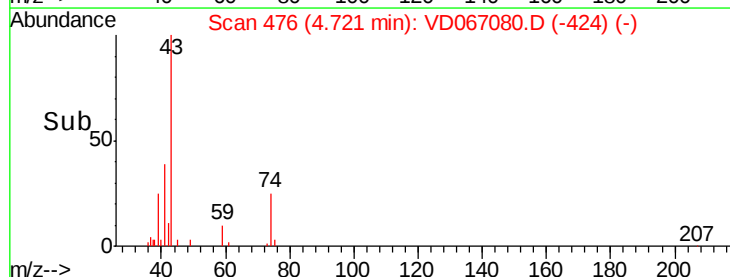
4000

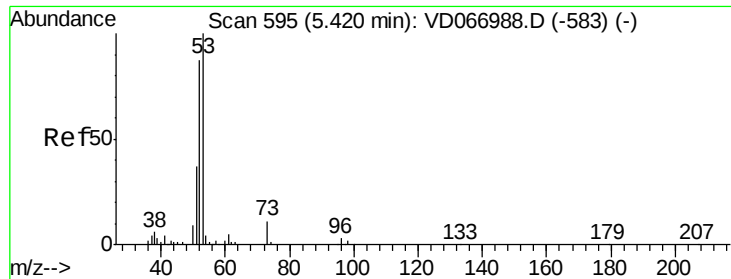
2000

0

Time-->

4.65 4.70 4.75 4.80





#15

Acrylonitrile

Concen: 1840.010 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

B-18(0-1)MS

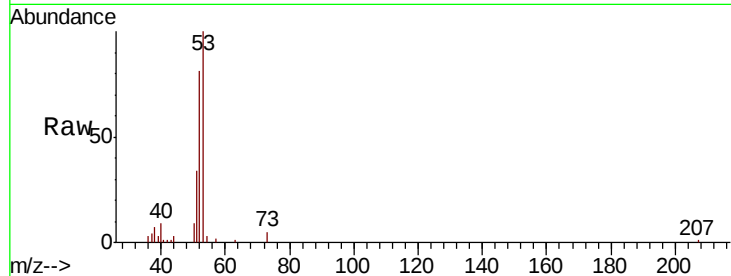
Tot Ion: 53 Resp: 84685

Ion Ratio Lower Upper

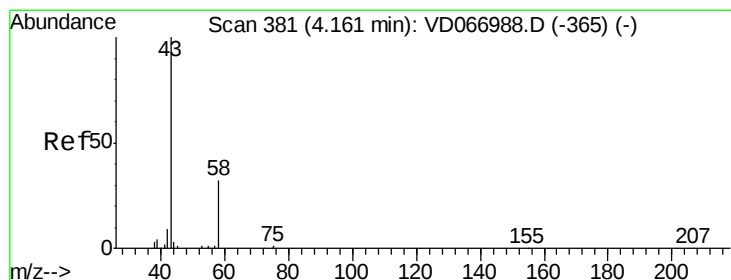
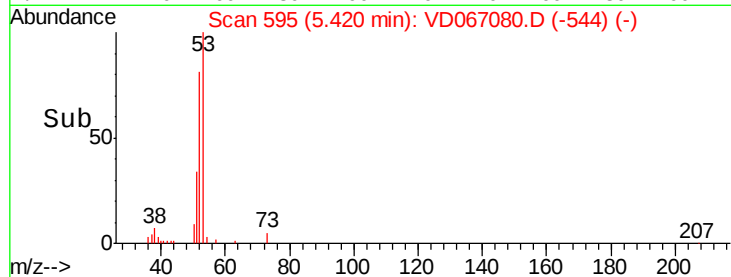
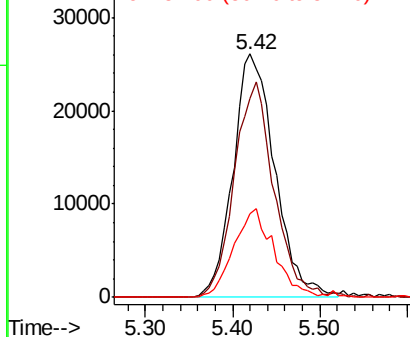
53 100

52 83.6 67.3 100.9

51 35.1 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: 1987.773 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD067080.D

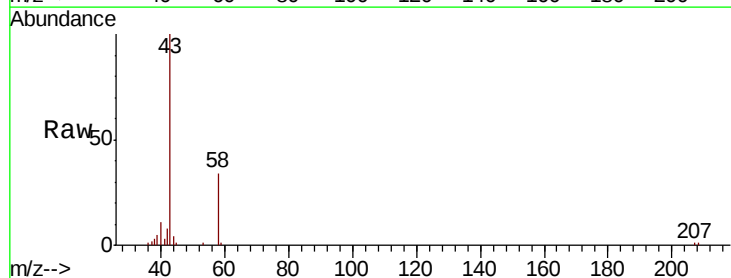
Acq: 05 Oct 2020 13:40

Tgt Ion: 43 Resp: 83074

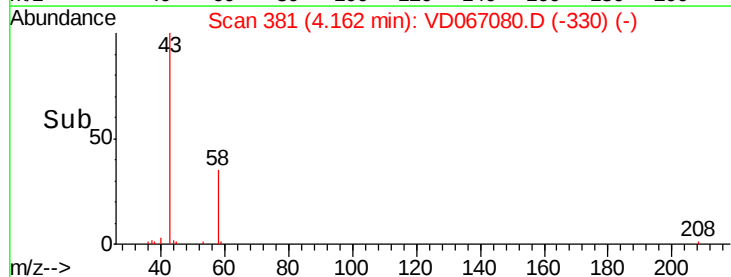
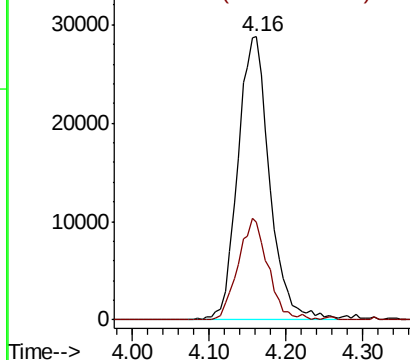
Ion Ratio Lower Upper

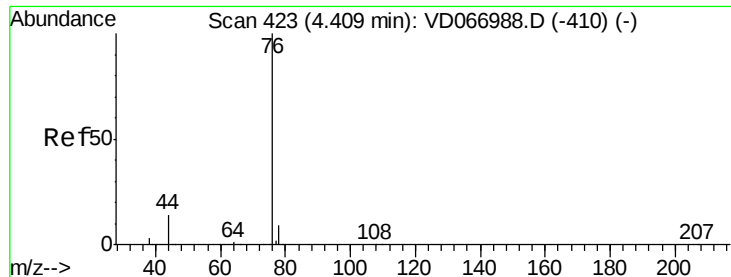
43 100

58 34.4 25.9 38.9



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

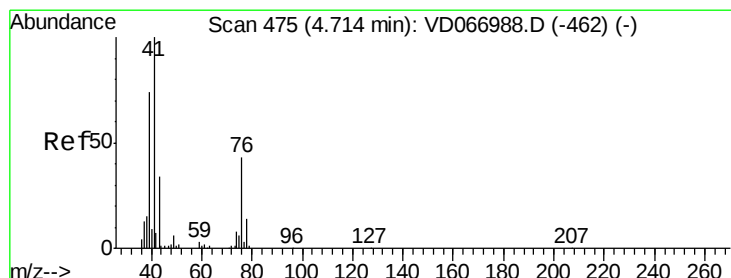
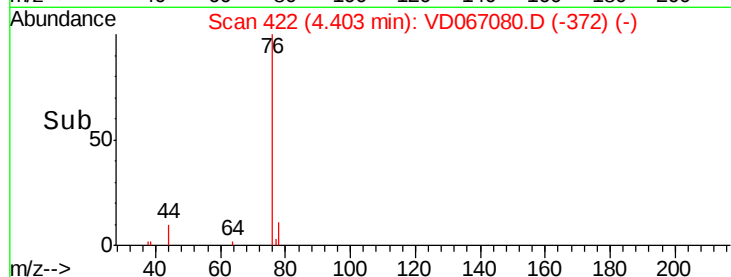
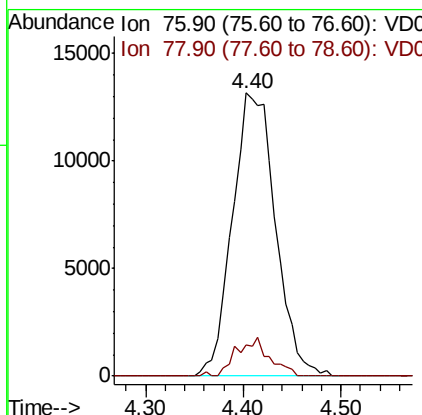
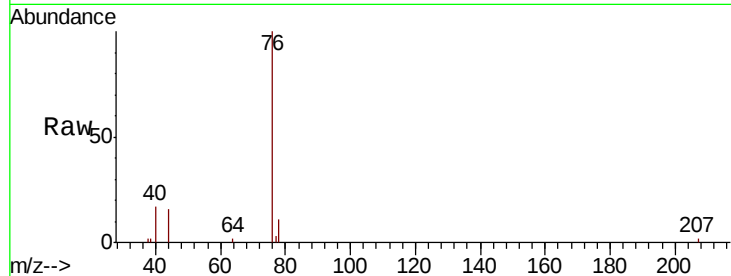




#17
Carbon Disulfide
Concen: 49.338 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

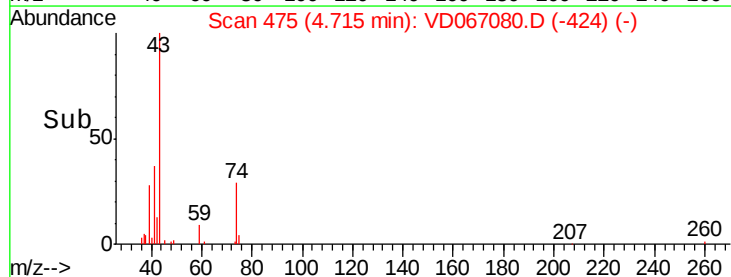
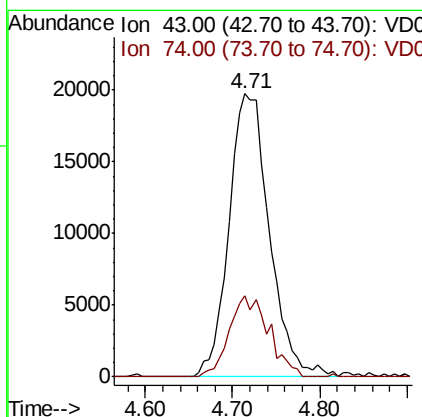
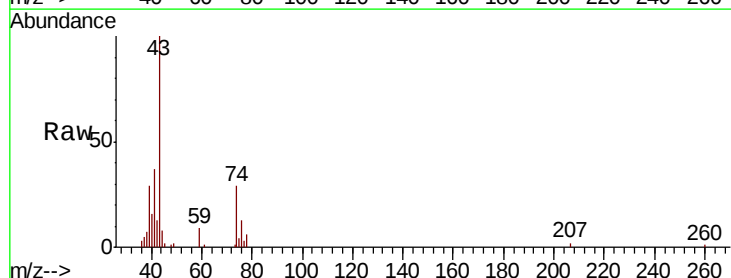
Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

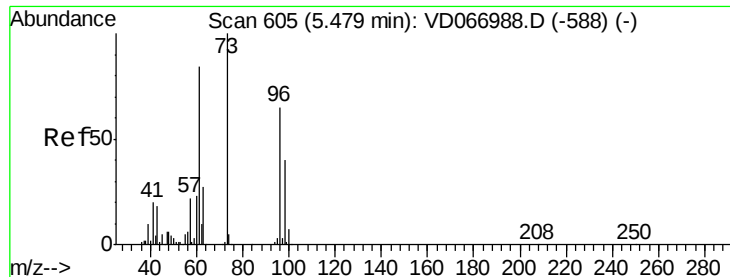
Tot Ion: 76 Resp: 40571
Ion Ratio Lower Upper
76 100
78 10.8 7.5 11.3



#18
Methyl Acetate
Concen: 590.353 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion: 43 Resp: 62010
Ion Ratio Lower Upper
43 100
74 28.0 21.5 32.3



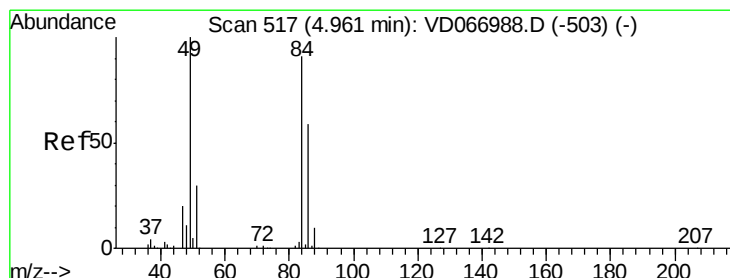
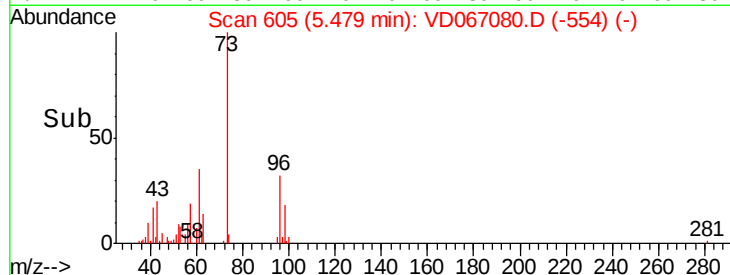
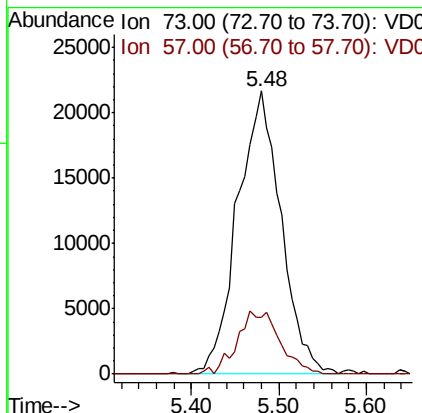
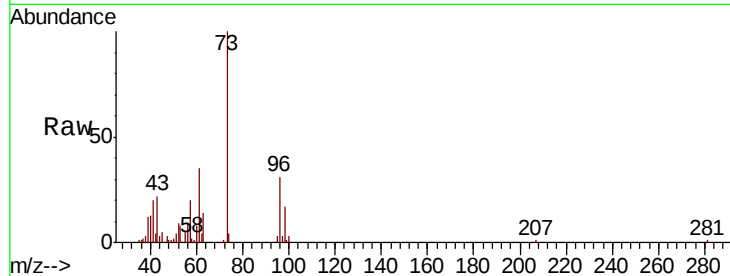


#19

Methyl tert-butyl Ether
 Concen: 150.152 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(0-1)MS

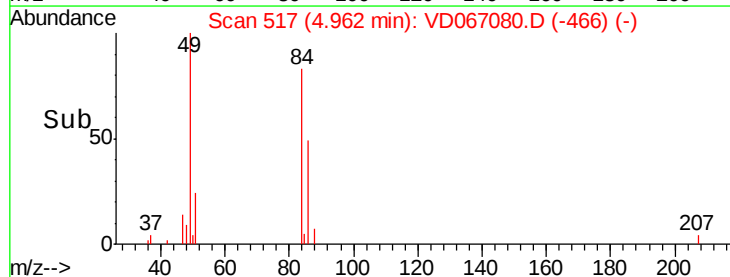
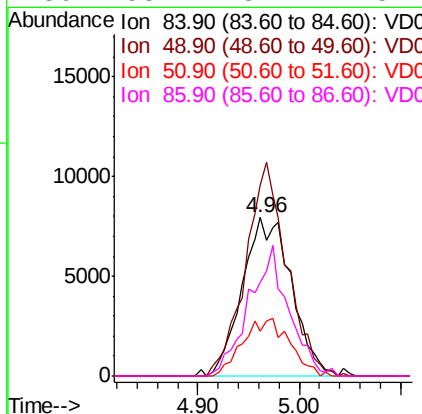
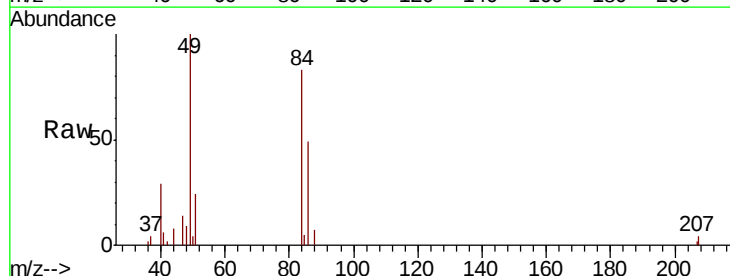
Tot Ion: 73 Resp: 73445
 Ion Ratio Lower Upper
 73 100
 57 19.9 17.4 26.0

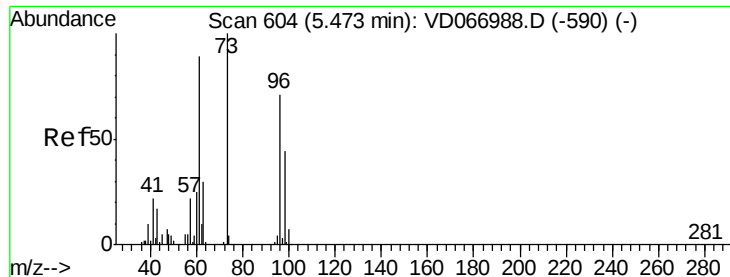


#20

Methylene Chloride
 Concen: 97.350 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Tgt Ion: 84 Resp: 26828
 Ion Ratio Lower Upper
 84 100
 49 120.3 88.2 132.2
 51 28.7 26.6 39.8
 86 58.7 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 61.059 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

B-18(0-1)MS

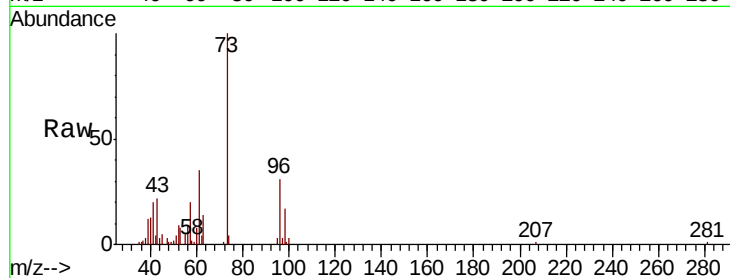
Tot Ion: 96 Resp: 18619

Ion Ratio Lower Upper

96 100

61 110.9 99.6 149.4

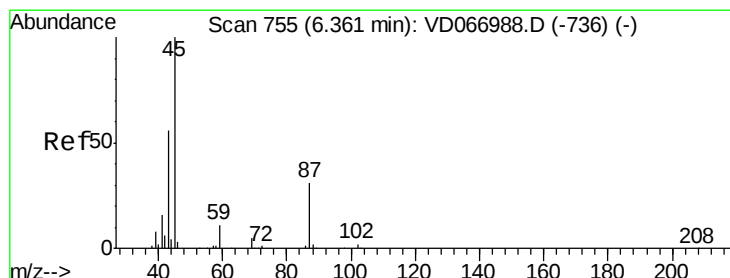
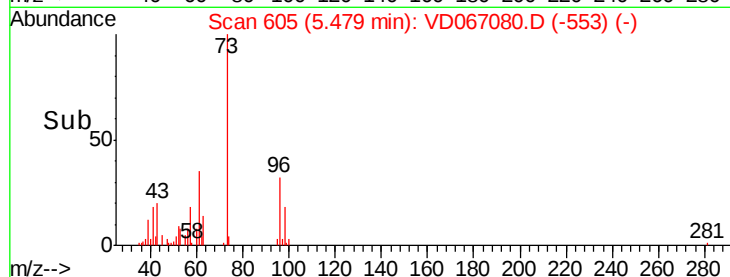
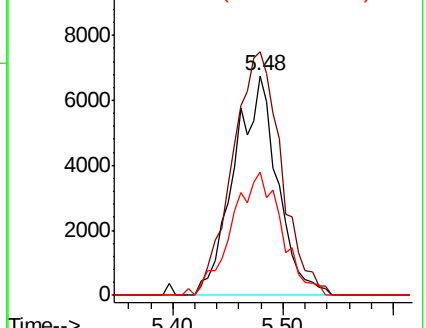
98 56.0 49.4 74.2



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: 94.219 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Tgt Ion: 45 Resp: 59874

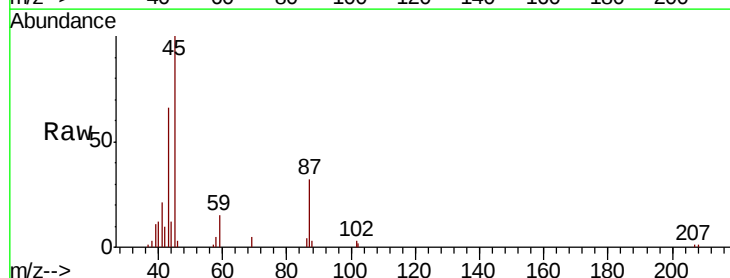
Ion Ratio Lower Upper

45 100

43 63.0 45.2 67.8

87 31.6 25.6 38.4

59 15.1 9.1 13.7#

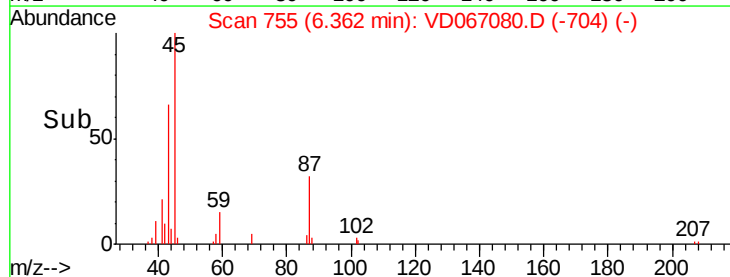
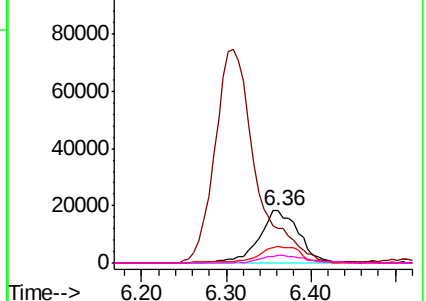


Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 693.130 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

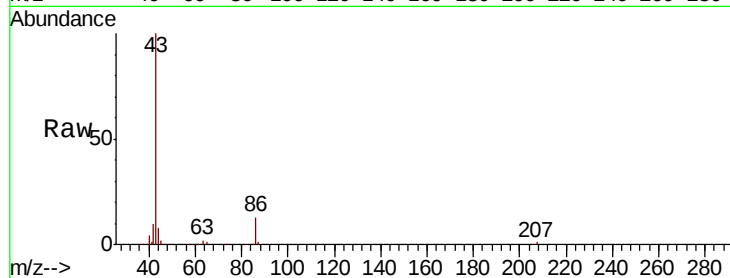
B-18(0-1)MS

Tot Ion: 43 Resp: 249598

Ion Ratio Lower Upper

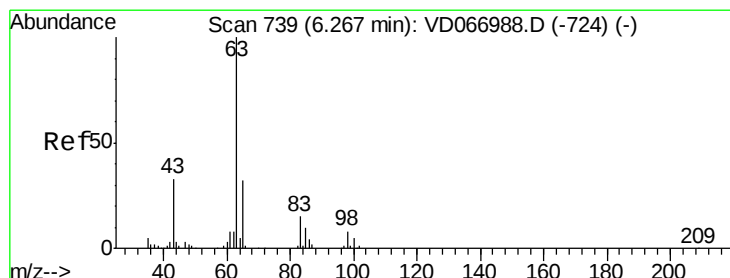
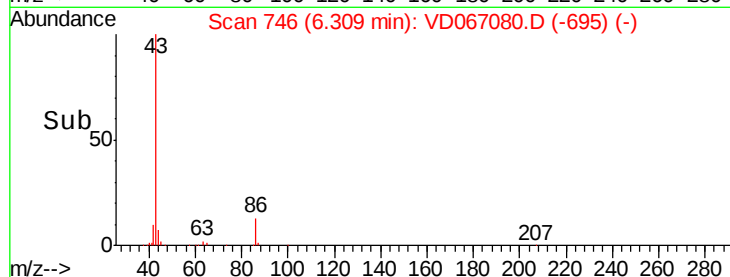
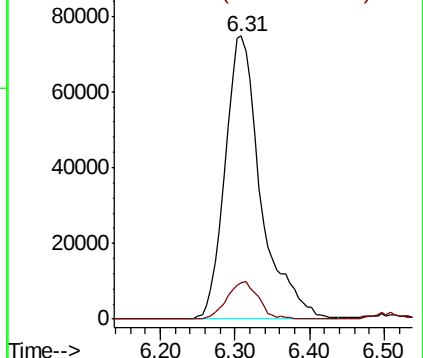
43 100

86 13.0 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: 68.952 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

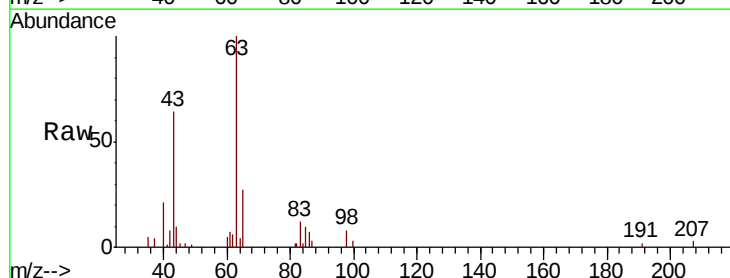
Tgt Ion: 63 Resp: 33816

Ion Ratio Lower Upper

63 100

98 7.5 4.2 12.6

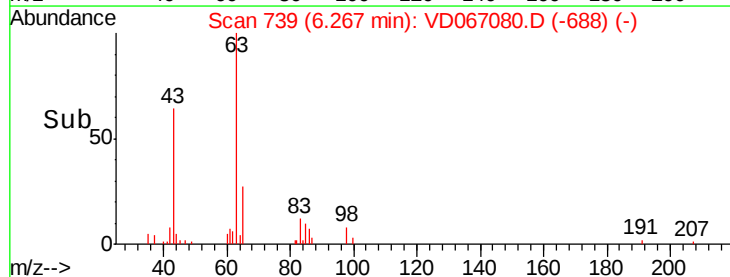
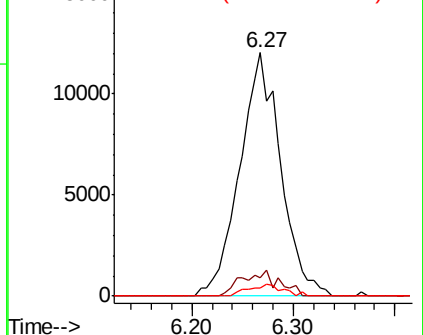
100 3.4 2.6 7.8

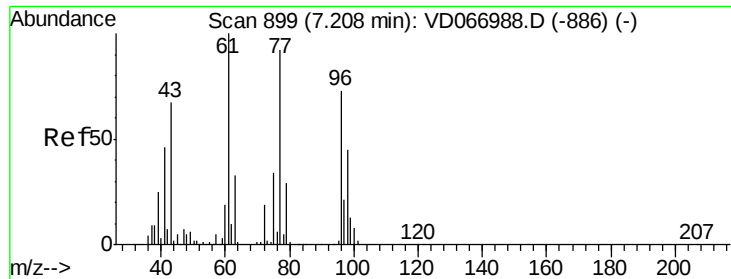


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

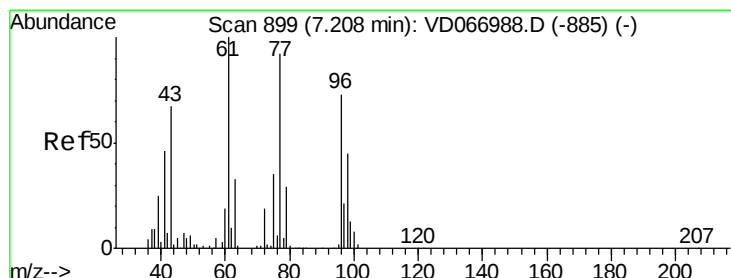
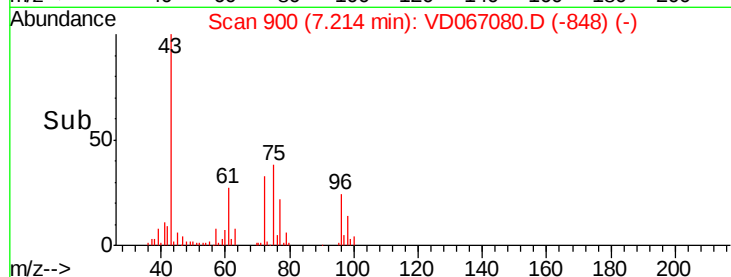
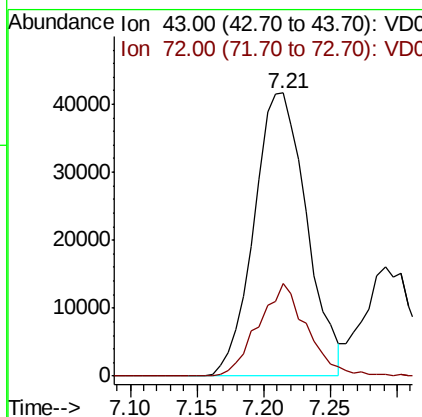
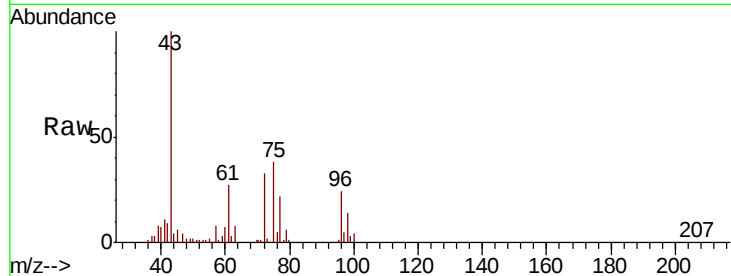




#25
2-Butanone
Concen: 1928.809 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

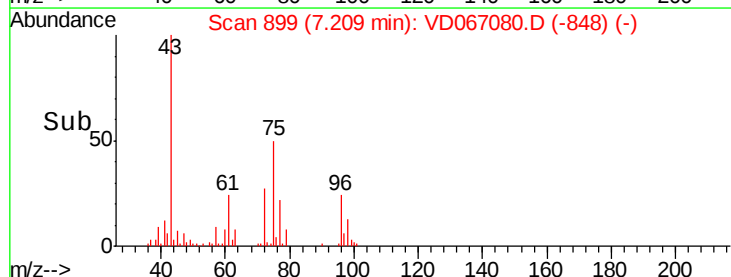
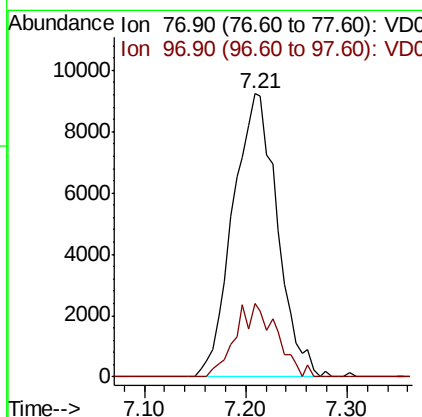
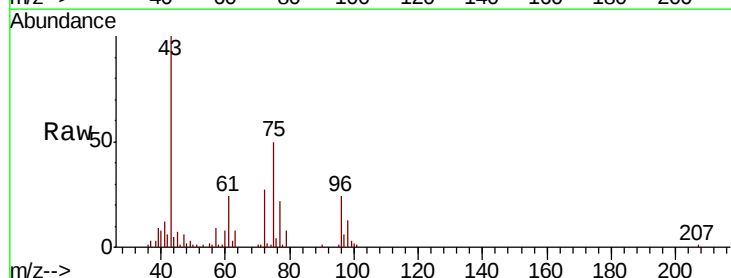
Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

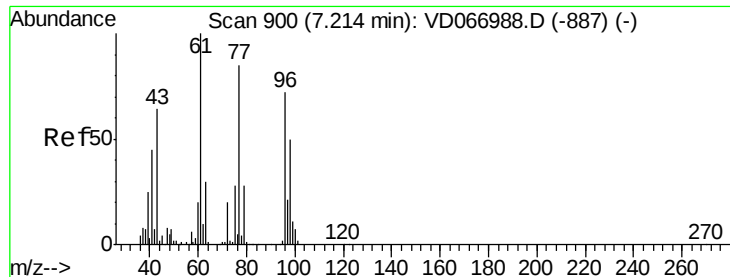
Tot Ion: 43 Resp: 114286
Ion Ratio Lower Upper
43 100
72 32.8 22.8 34.2



#26
2,2-Dichloropropane
Concen: 68.426 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion: 77 Resp: 28058
Ion Ratio Lower Upper
77 100
97 24.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 77.865 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampled :

B-18(0-1)MS

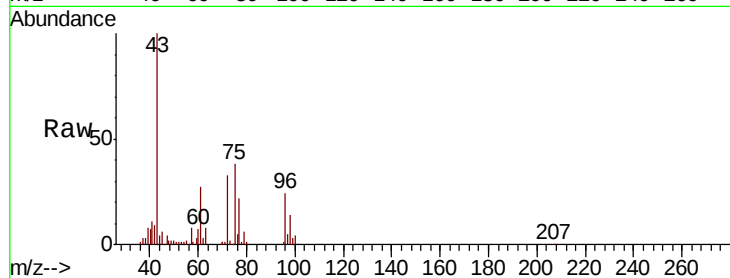
Tot Ion: 96 Resp: 25358

Ion Ratio Lower Upper

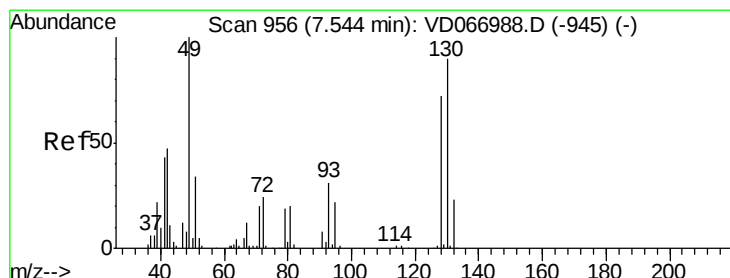
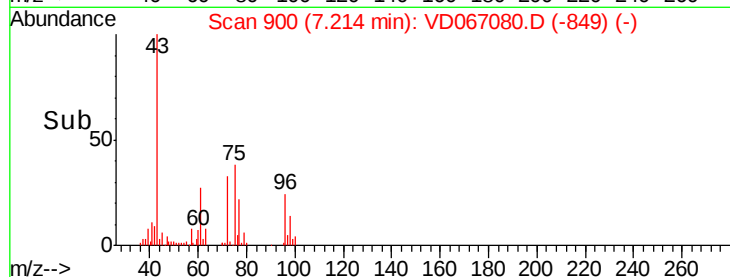
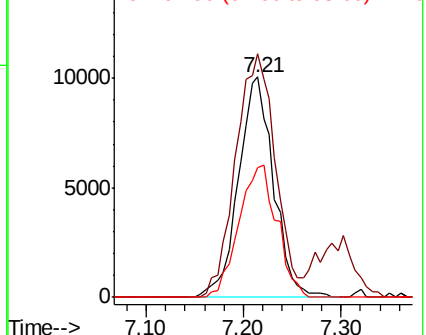
96 100

61 124.0 0.0 269.2

98 64.8 0.0 129.4



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



#28

Bromochloromethane

Concen: 116.395 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.01 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

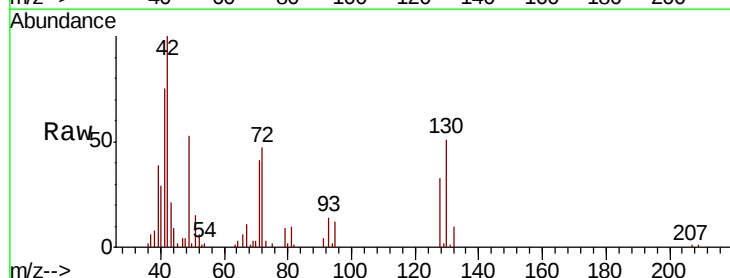
Tgt Ion: 49 Resp: 22045

Ion Ratio Lower Upper

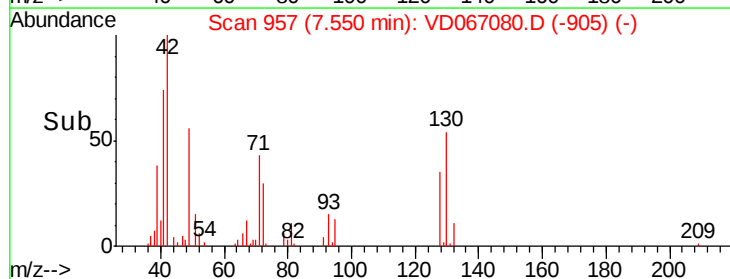
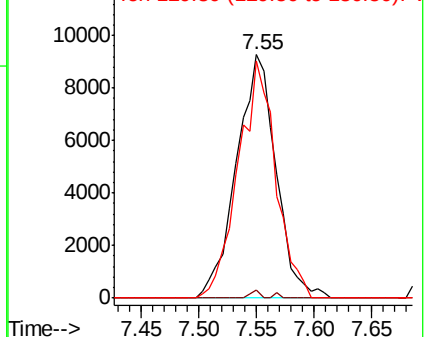
49 100

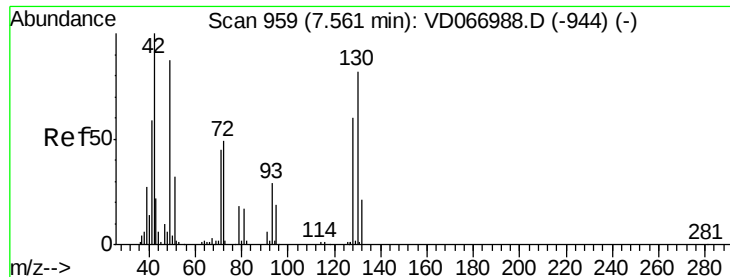
129 0.7 0.0 4.6

130 92.1 74.1 111.1



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





#29

Tetrahydrofuran

Concen: 1951.132 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

B-18(0-1)MS

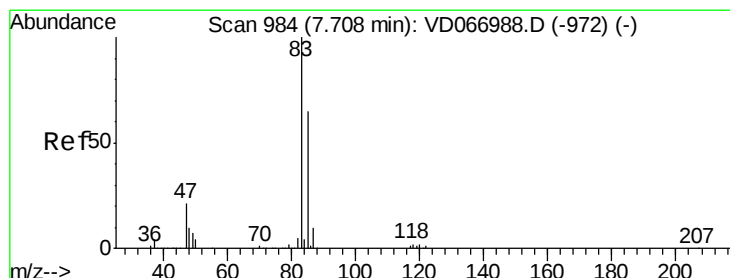
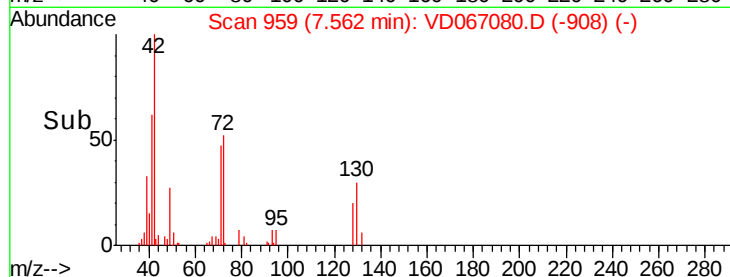
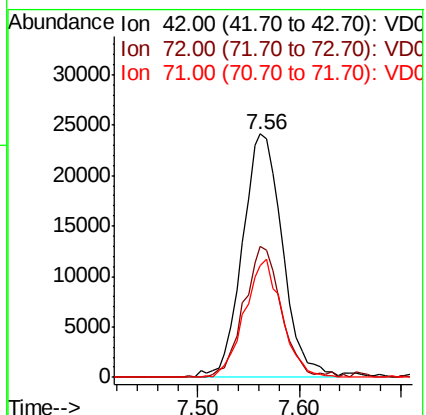
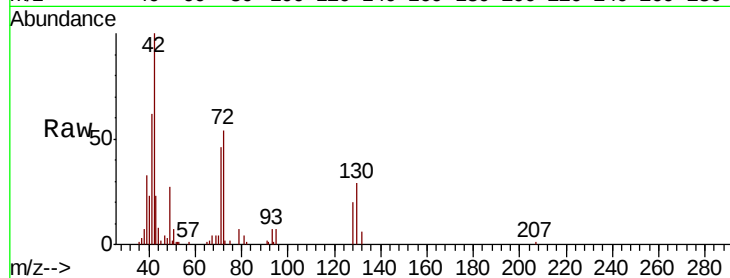
Tot Ion: 42 Resp: 66474

Ion Ratio Lower Upper

42 100

72 50.3 39.1 58.7

71 45.3 34.2 51.4



#30

Chloroform

Concen: 76.793 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD067080.D

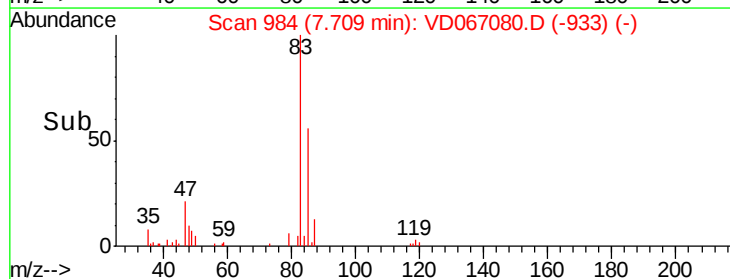
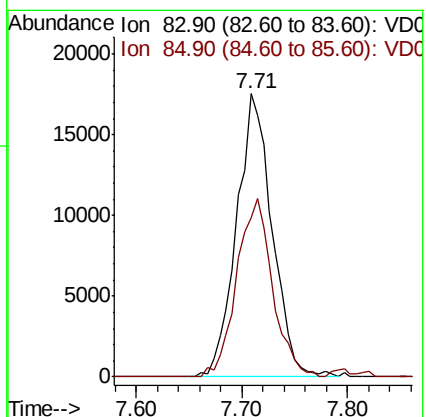
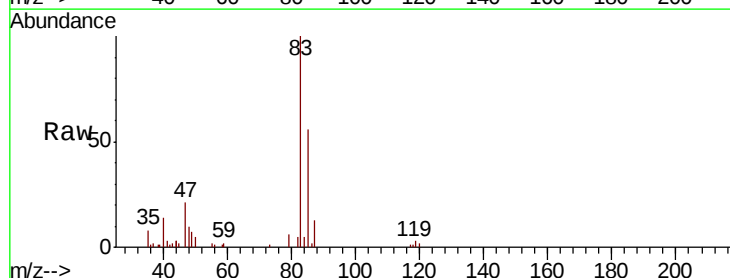
Acq: 05 Oct 2020 13:40

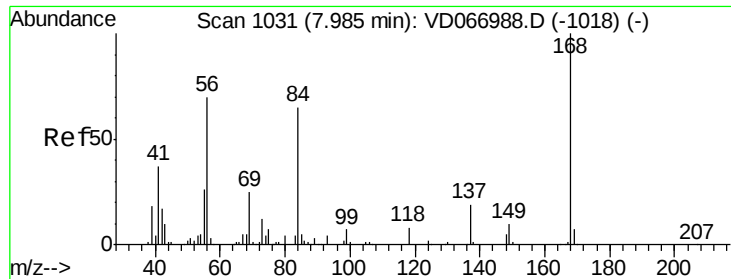
Tgt Ion: 83 Resp: 40855

Ion Ratio Lower Upper

83 100

85 56.2 52.3 78.5

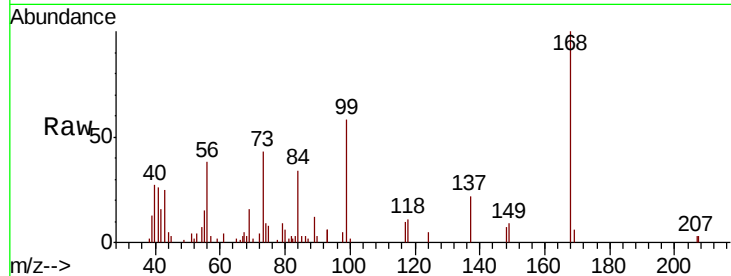




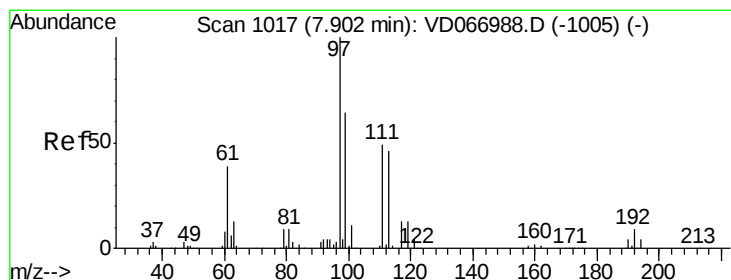
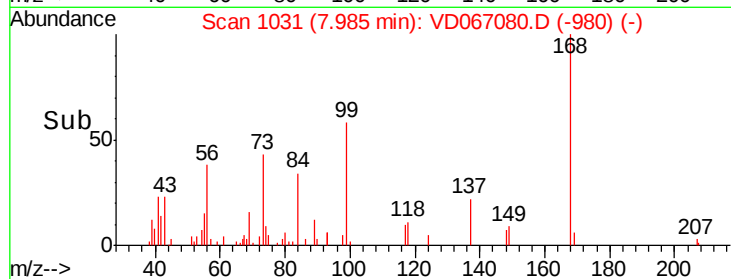
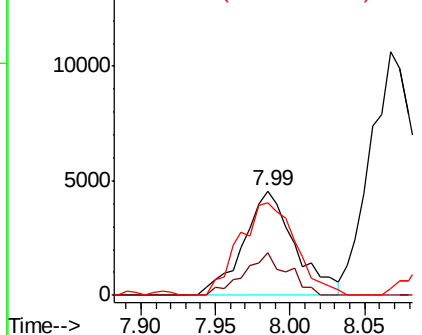
#31
Cyclohexane
Concen: 26.240 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

Tot Ion: 56 Resp: 10789
Ion Ratio Lower Upper
56 100
69 41.3 29.0 43.6
84 88.4 74.2 111.2

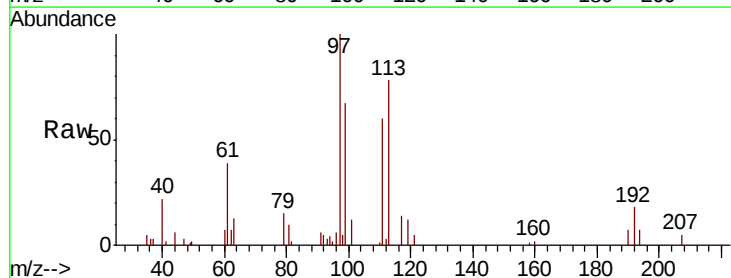


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

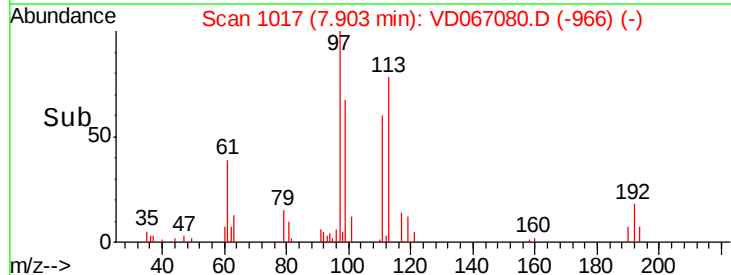
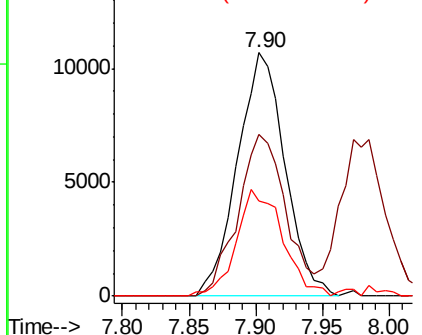


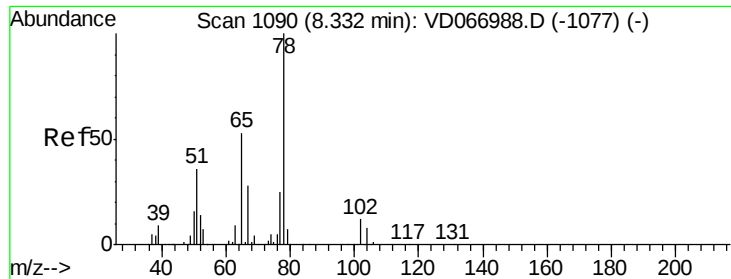
#32
1,1,1-Trichloroethane
Concen: 53.408 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion: 97 Resp: 26333
Ion Ratio Lower Upper
97 100
99 66.9 52.6 78.8
61 42.5 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

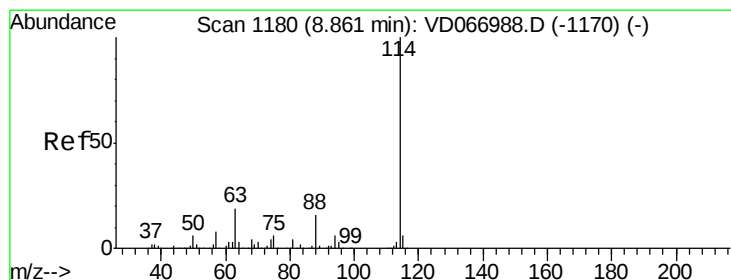
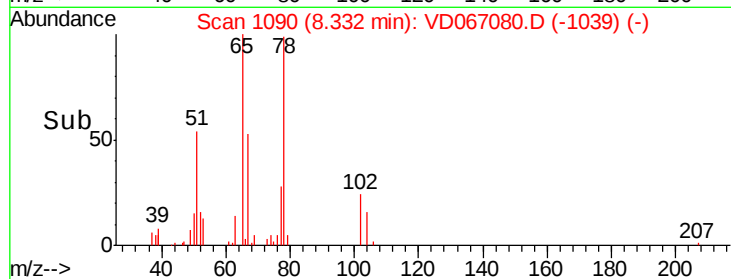
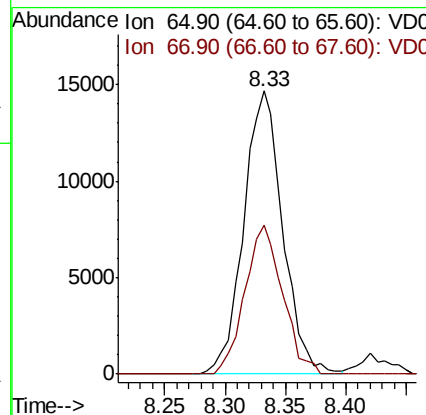
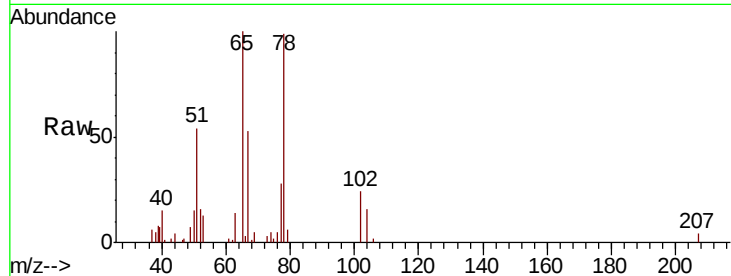




#33
 1,2-Dichloroethane-d4
 Concen: 120.904 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

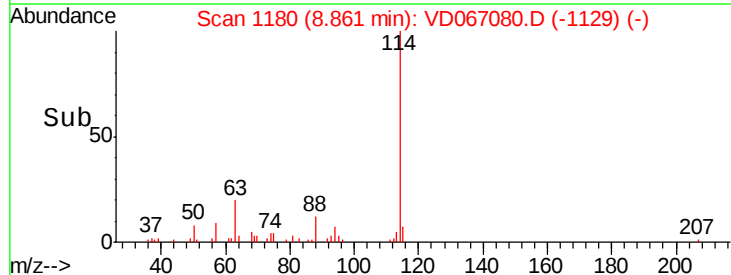
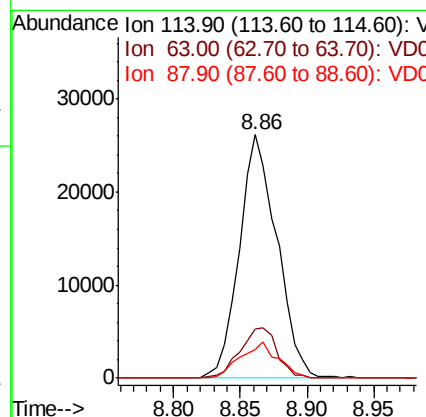
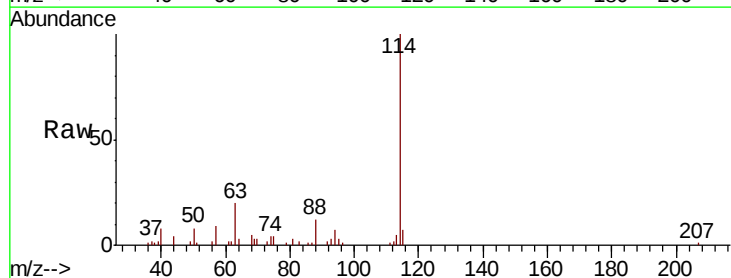
Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(0-1)MS

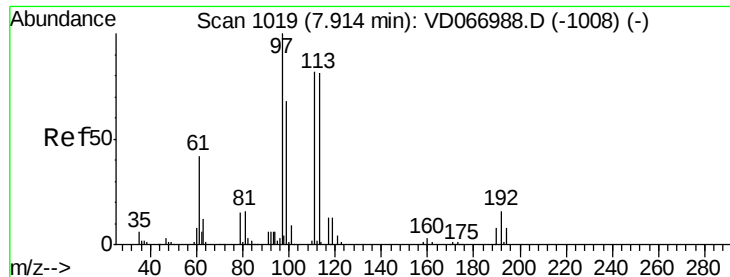
Tot Ion: 65 Resp: 33101
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Tgt Ion: 114 Resp: 51060
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.4
 88 11.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 71.434 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

B-18(0-1)MS

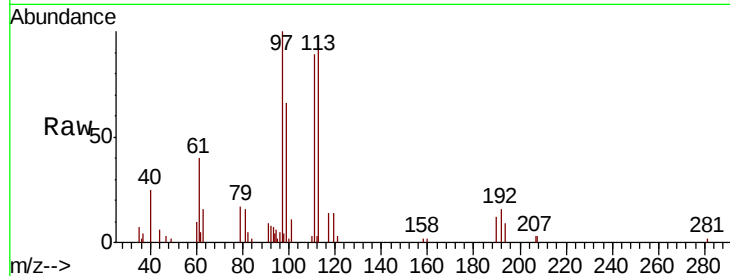
Tot Ion:113 Resp: 23879

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.4

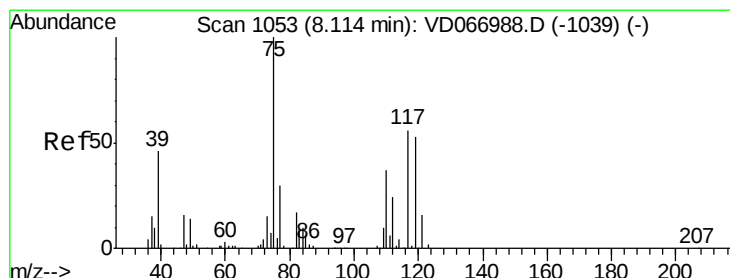
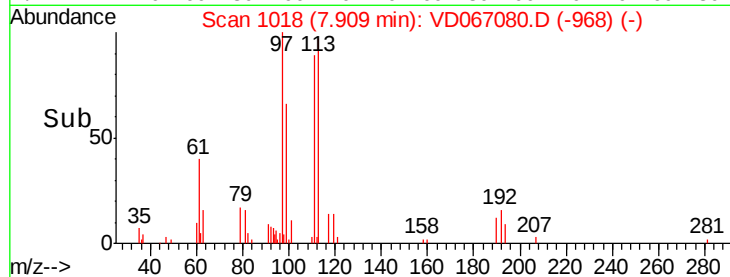
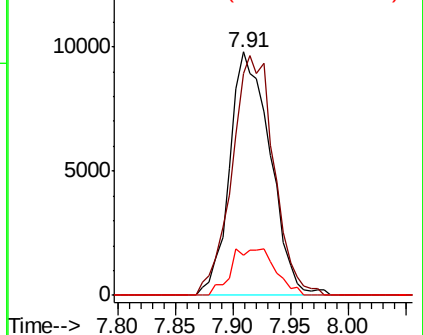
192 20.9 15.5 23.3



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: 39.144 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

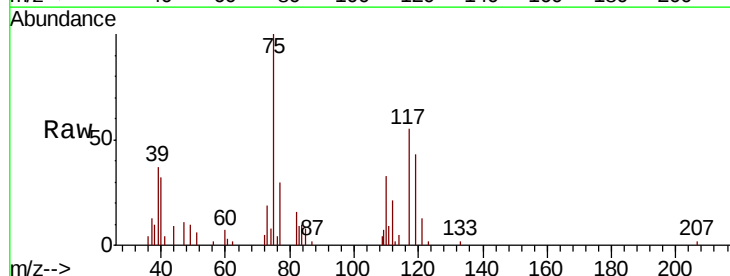
Tgt Ion: 75 Resp: 18630

Ion Ratio Lower Upper

75 100

110 36.8 18.4 55.0

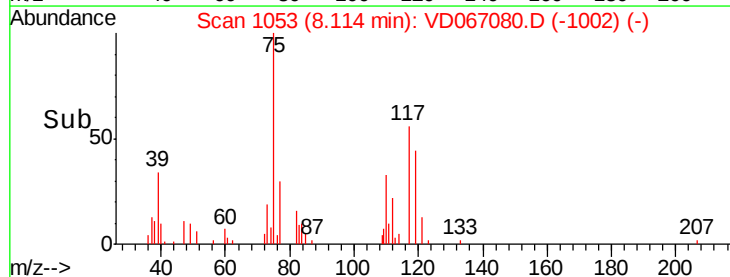
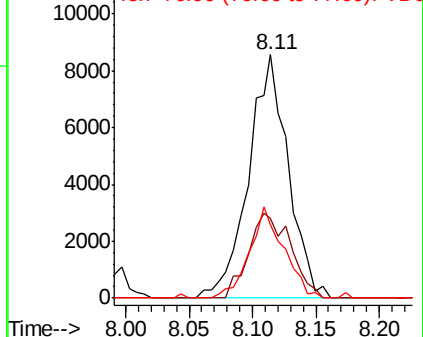
77 32.3 24.8 37.2

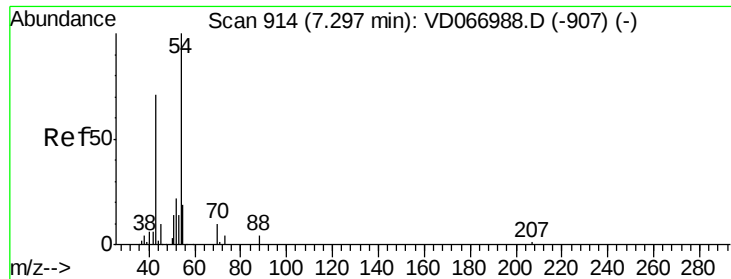


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

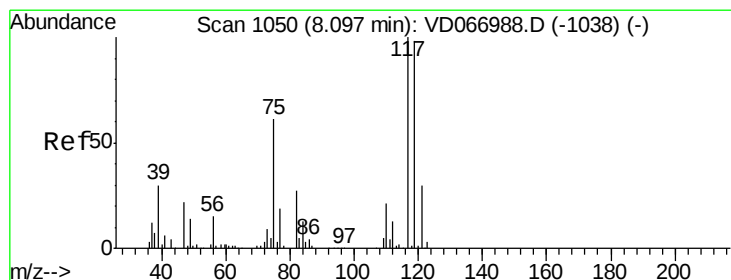
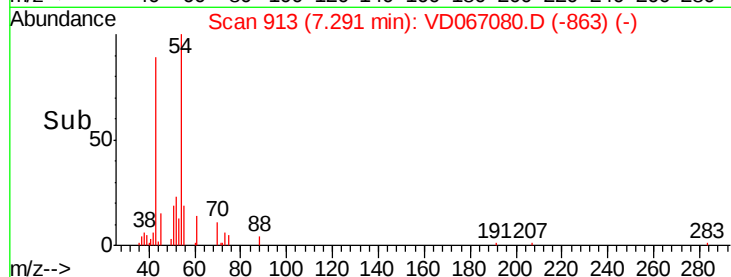
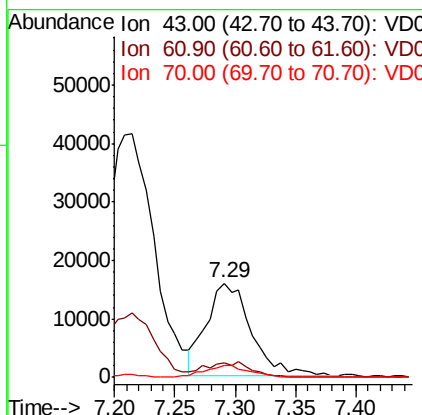
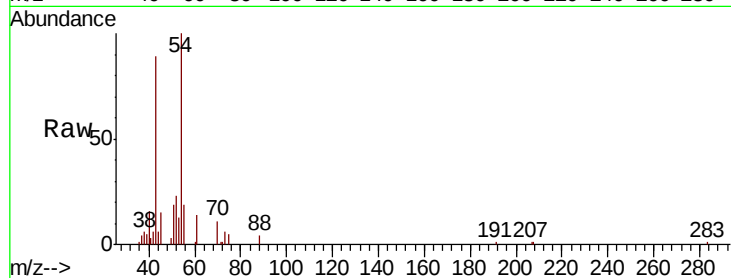




#37
Ethyl Acetate
Concen: 246.784 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

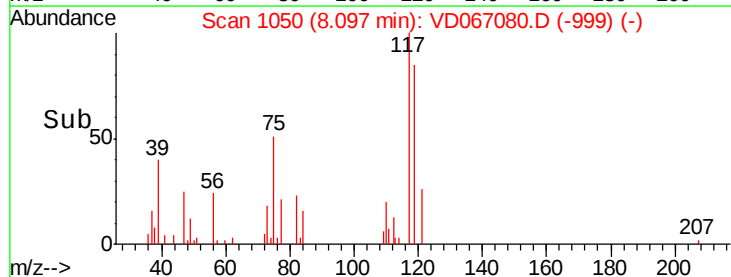
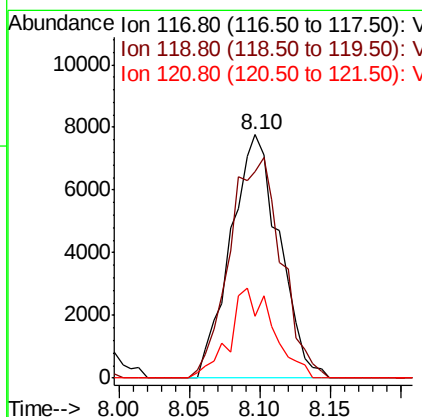
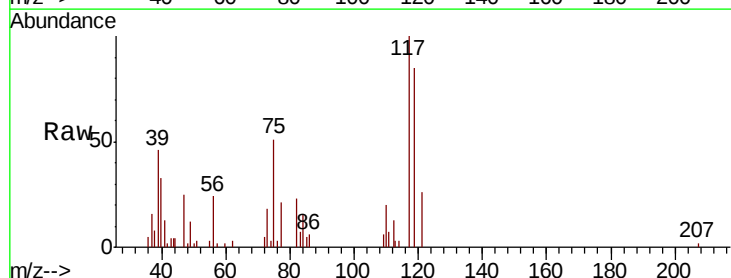
Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

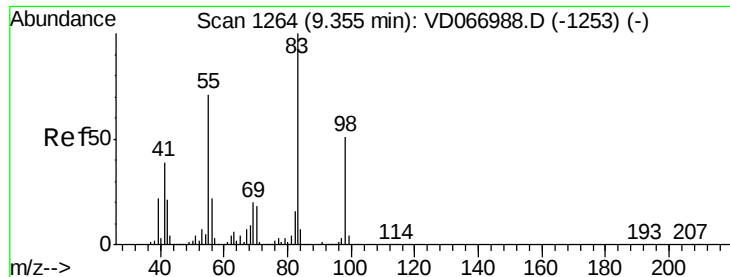
Tot Ion: 43 Resp: 40689
Ion Ratio Lower Upper
43 100
61 17.7 12.5 18.7
70 12.4 9.4 14.0



#38
Carbon Tetrachloride
Concen: 36.242 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion: 117 Resp: 18663
Ion Ratio Lower Upper
117 100
119 85.0 78.7 118.1
121 25.6 24.2 36.2

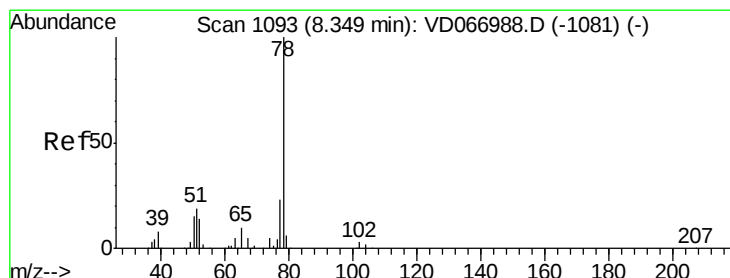
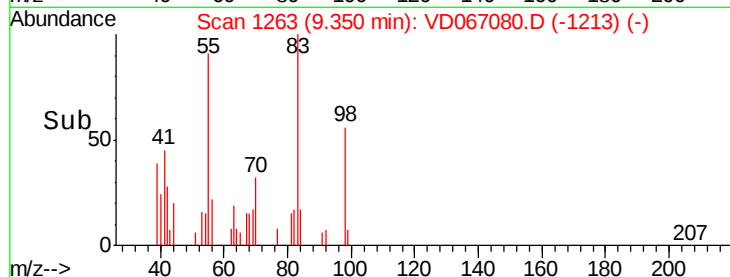
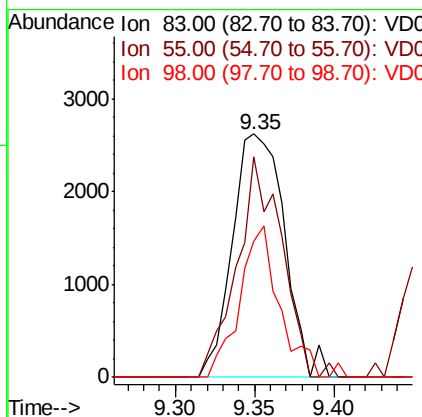
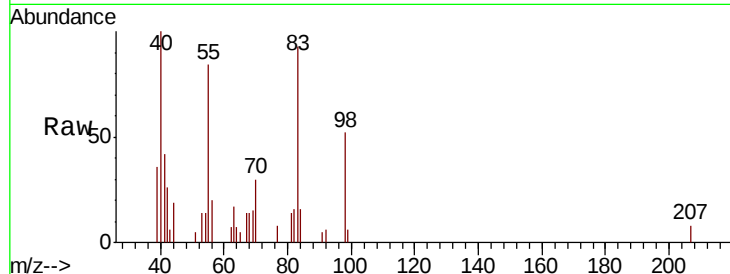




#39
Methvlcvclohexane
Concen: 11.916 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

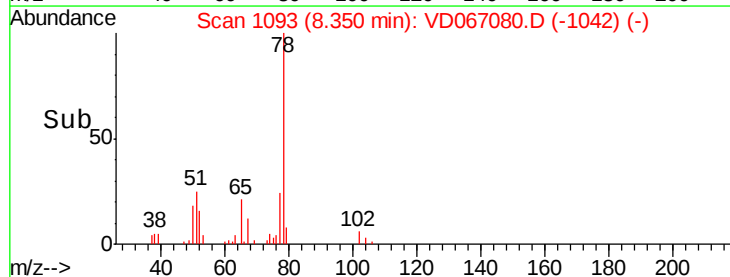
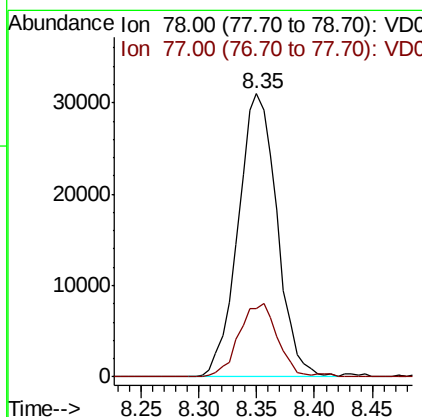
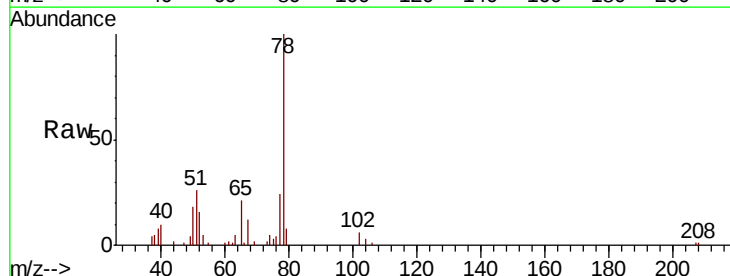
Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

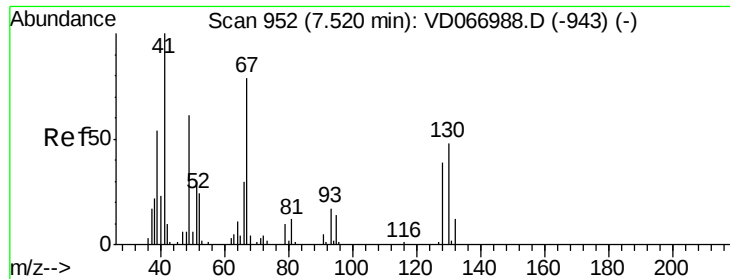
Tot Ion: 83 Resp: 5996
Ion Ratio Lower Upper
83 100
55 90.7 57.1 85.7#
98 55.8 40.9 61.3



#40
Benzene
Concen: 54.923 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion: 78 Resp: 72605
Ion Ratio Lower Upper
78 100
77 24.2 18.4 27.6

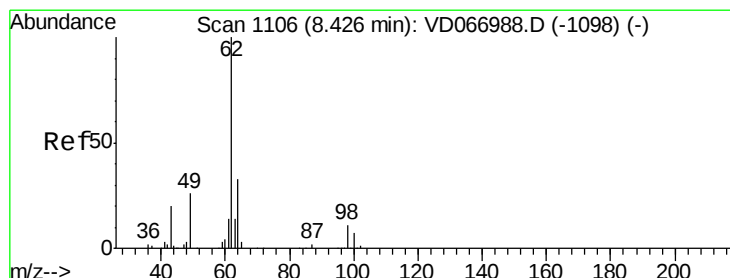
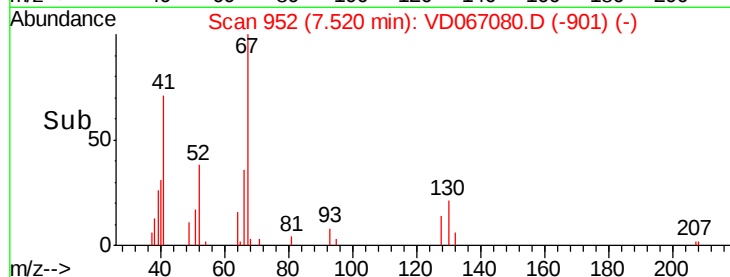
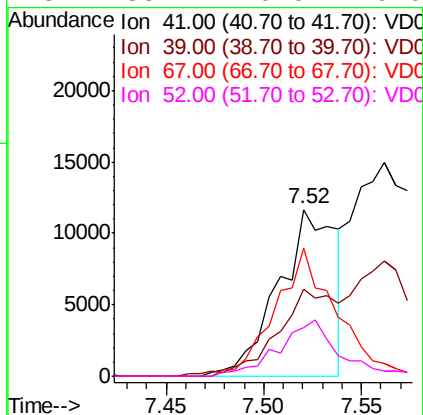
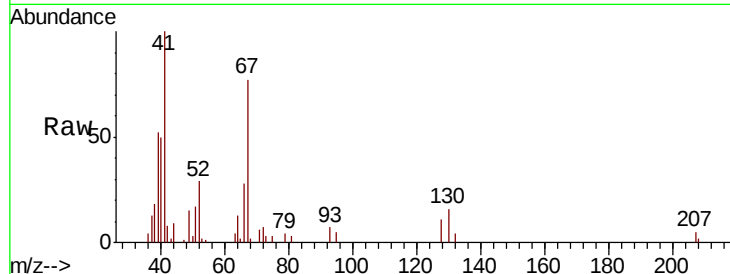




#41
Methacrylonitrile
Concen: 267.710 ug/l
RT: 7.52 min Scan# 952
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

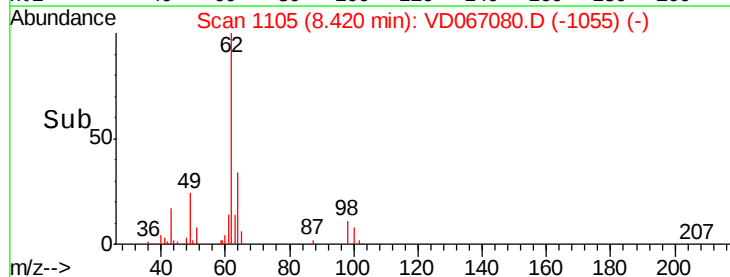
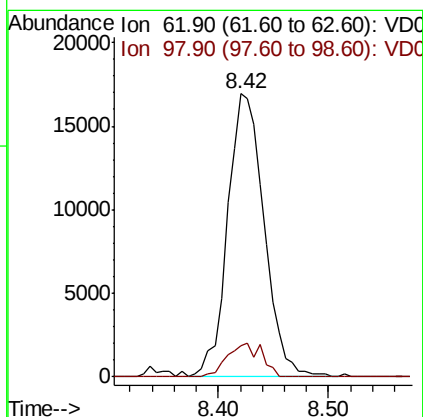
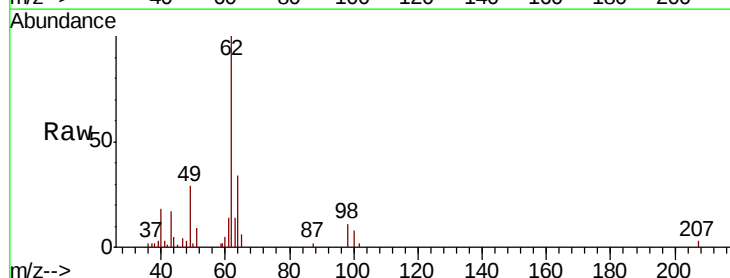
Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

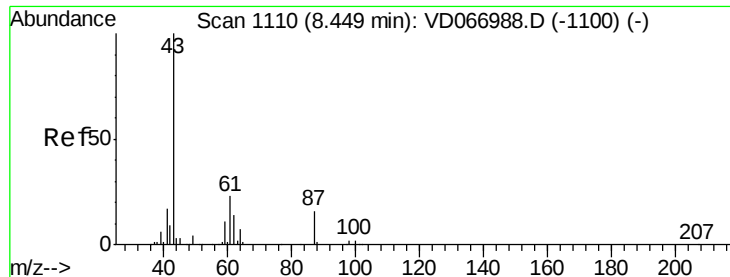
Tot Ion:	41	Resp:	23846
Ion	Ratio	Lower	Upper
41	100		
39	53.5	0.0	0.0#
67	81.3	0.0	0.0#
52	35.1	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 106.459 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion:	62	Resp:	39325
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	22.6





#43

Isopropyl Acetate

Concen: 202.717 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

B-18(0-1)MS

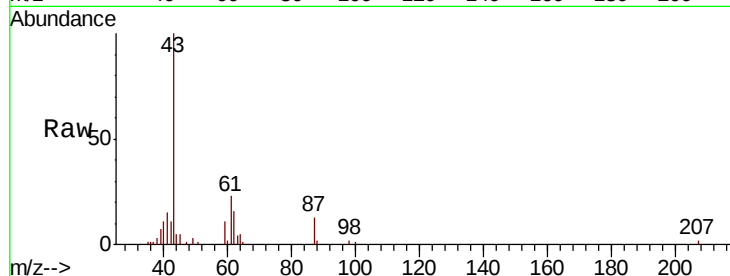
Tot Ion: 43 Resp: 61573

Ion Ratio Lower Upper

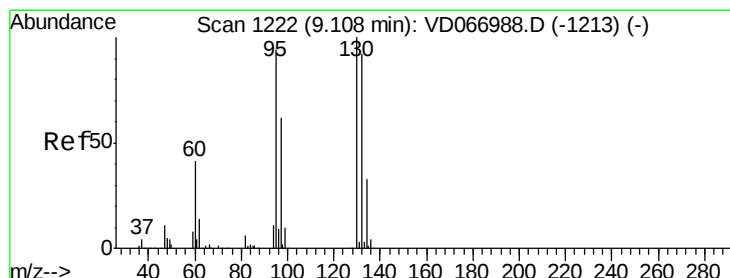
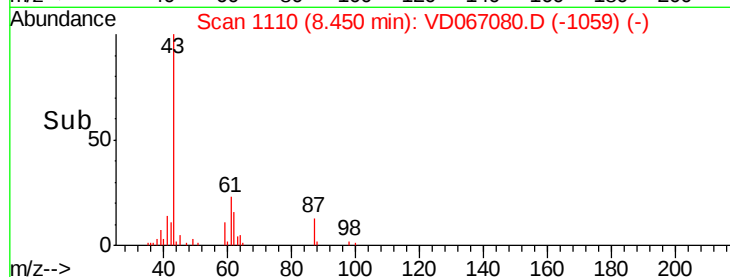
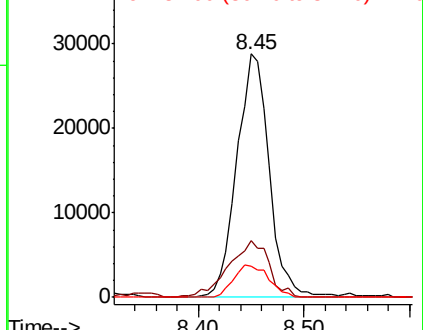
43 100

61 28.9 27.1 40.7

87 14.3 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: 47.831 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD067080.D

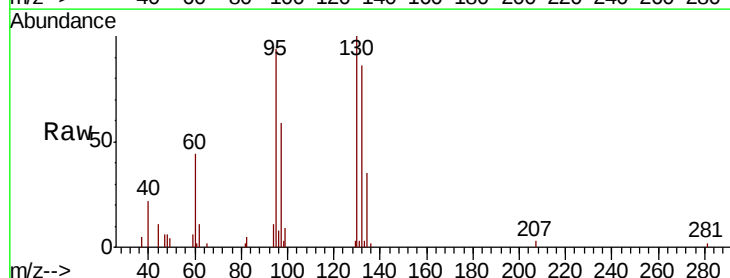
Acq: 05 Oct 2020 13:40

Tgt Ion:130 Resp: 18881

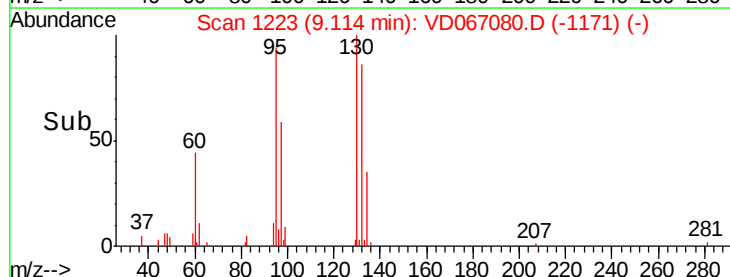
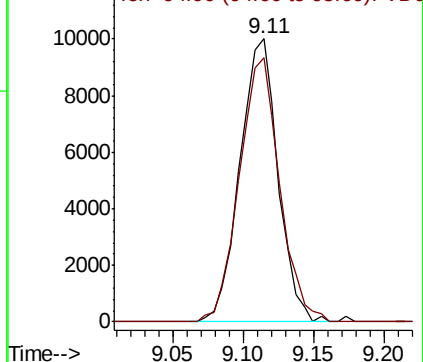
Ion Ratio Lower Upper

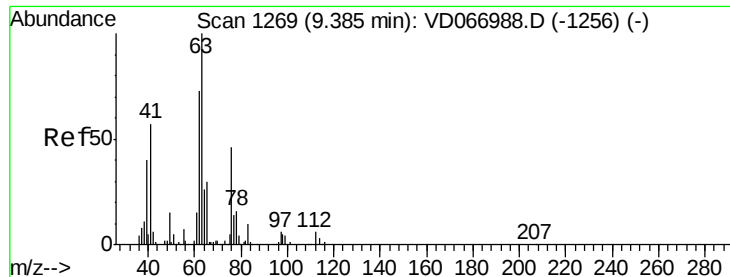
130 100

95 93.6 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: 67.909 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

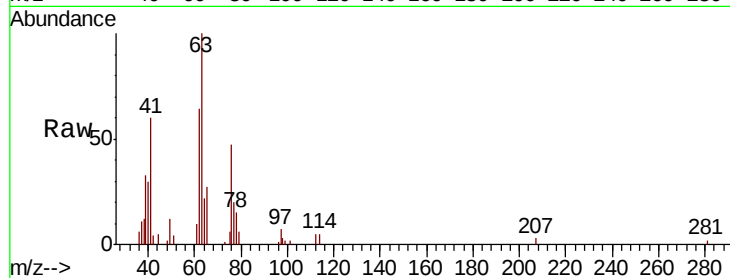
B-18(0-1)MS

Tot Ion: 63 Resp: 21093

Ion Ratio Lower Upper

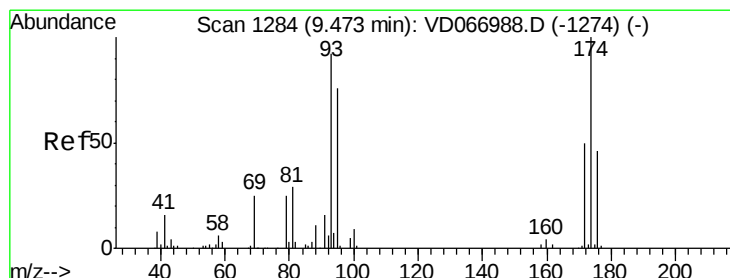
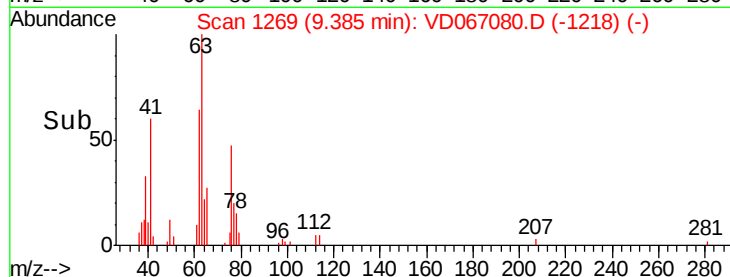
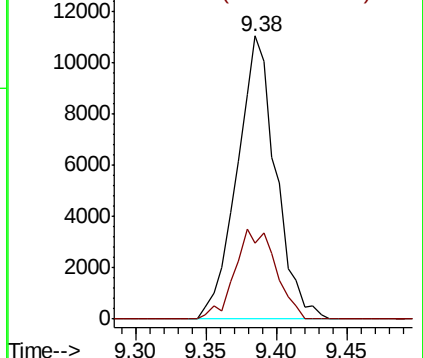
63 100

65 26.7 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 117.146 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

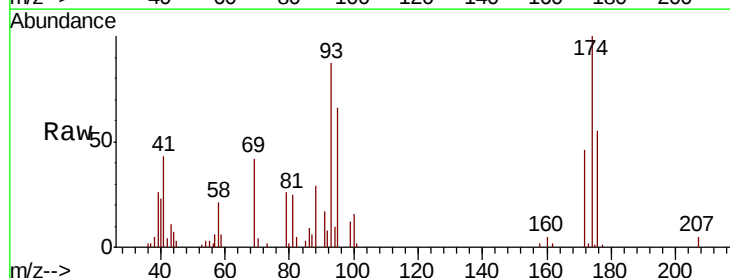
Tgt Ion: 93 Resp: 20913

Ion Ratio Lower Upper

93 100

95 83.0 64.7 97.1

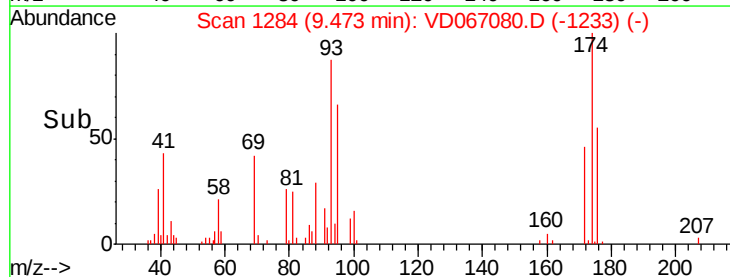
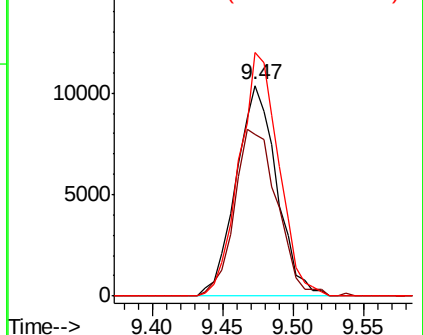
174 112.1 81.4 122.2

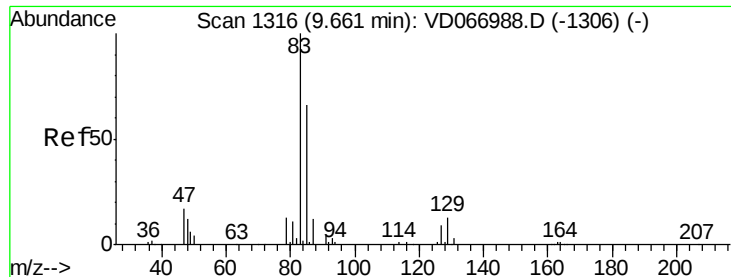


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 76.827 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

B-18(0-1)MS

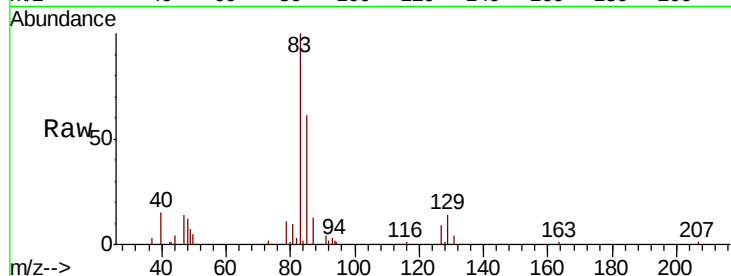
Tot Ion: 83 Resp: 35652

Ion Ratio Lower Upper

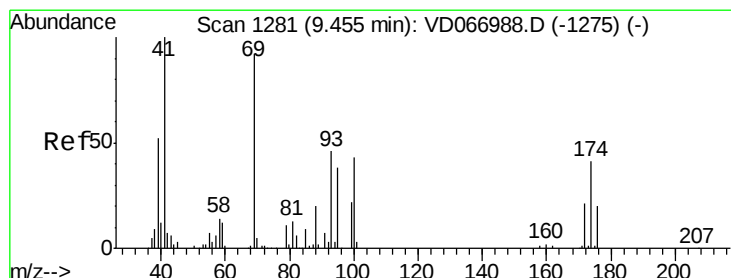
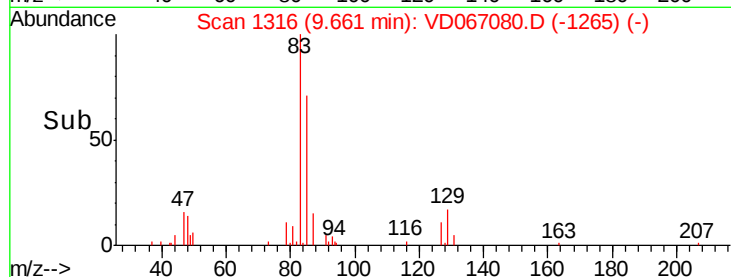
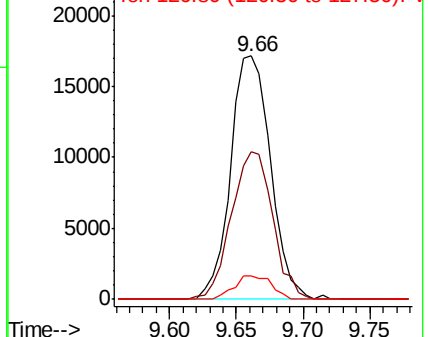
83 100

85 60.9 52.9 79.3

127 9.5 7.3 10.9



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



#48

Methyl methacrylate

Concen: 188.144 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

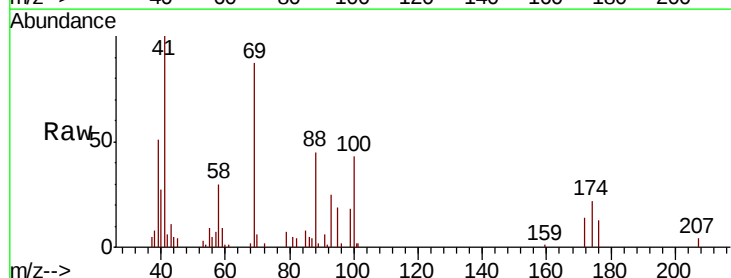
Tgt Ion: 41 Resp: 29277

Ion Ratio Lower Upper

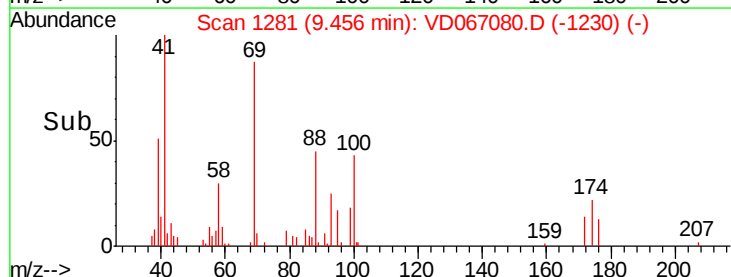
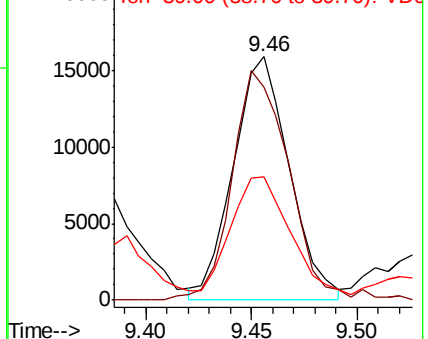
41 100

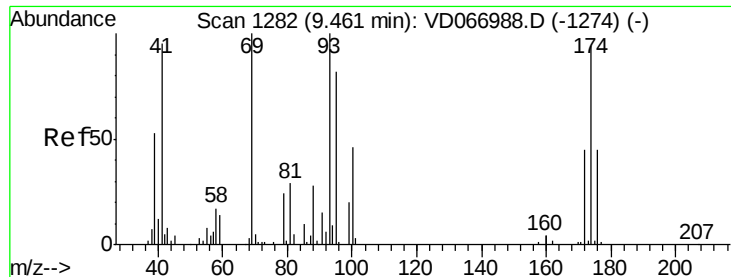
69 96.1 68.5 102.7

39 56.2 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

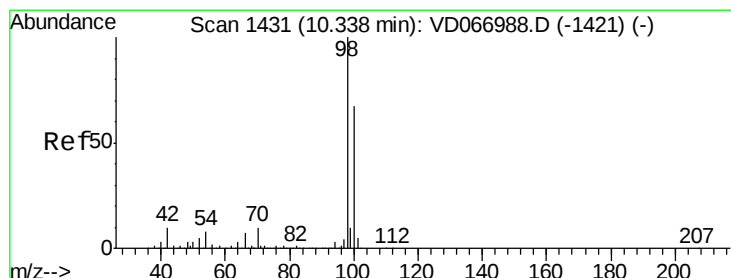
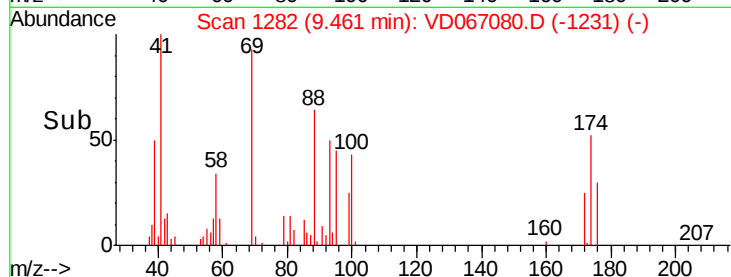
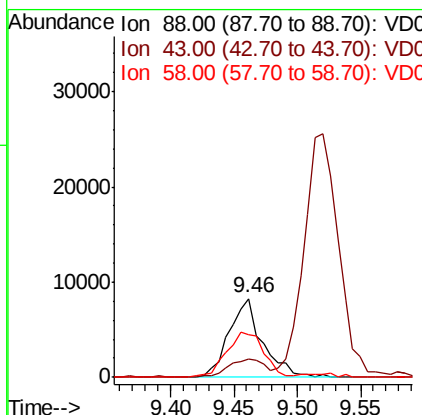
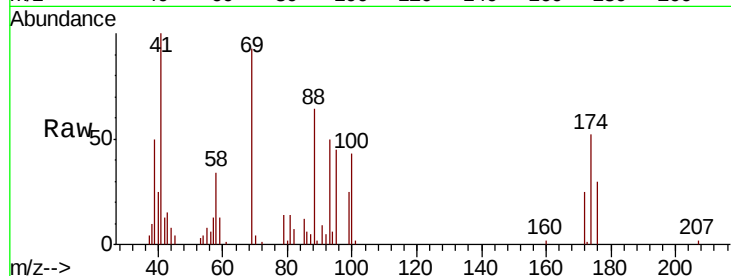




#49
1,4-Dioxane
Concen: 8048.050 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

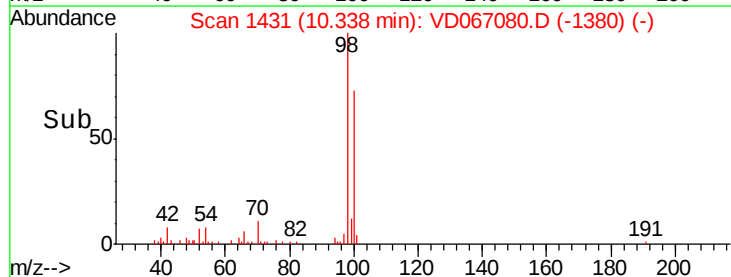
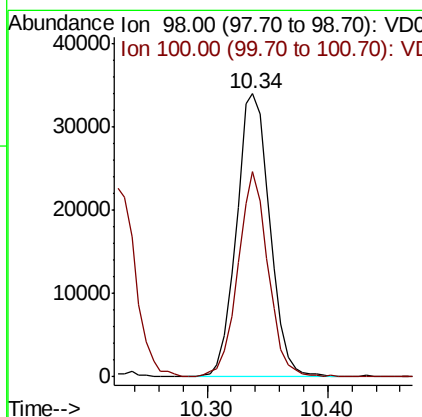
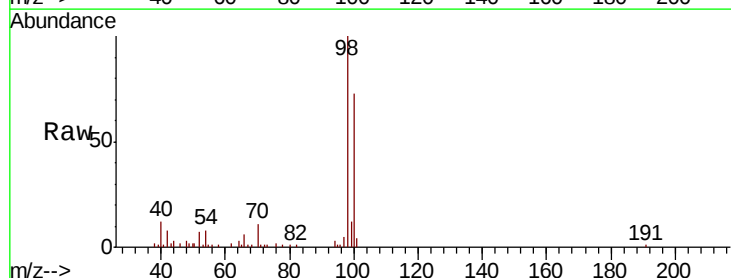
Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

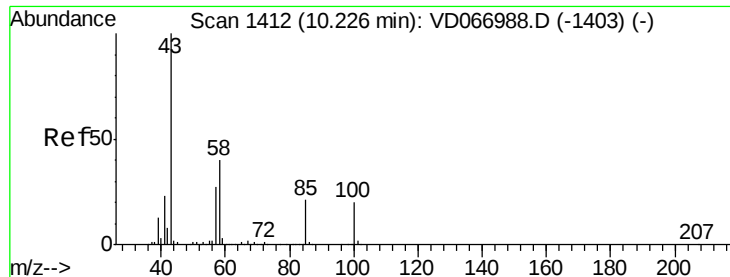
Tot Ion: 88 Resp: 14995
Ion Ratio Lower Upper
88 100
43 25.3 25.6 38.4#
58 64.4 53.5 80.3



#50
Toluene-d8
Concen: 53.504 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion: 98 Resp: 65172
Ion Ratio Lower Upper
98 100
100 65.7 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 1407.273 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

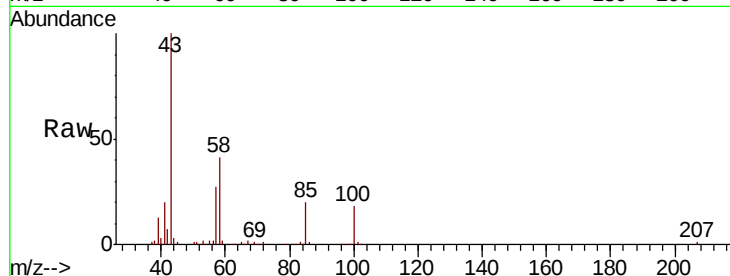
B-18(0-1)MS

Tot Ion: 43 Resp: 212909

Ion Ratio Lower Upper

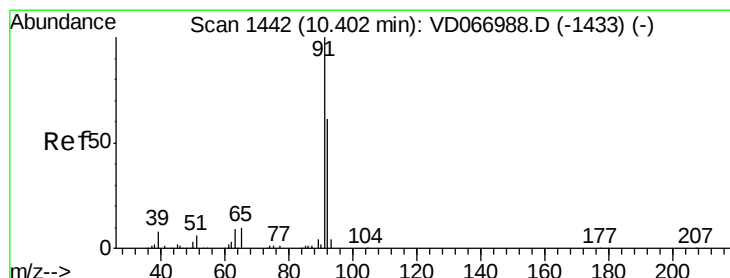
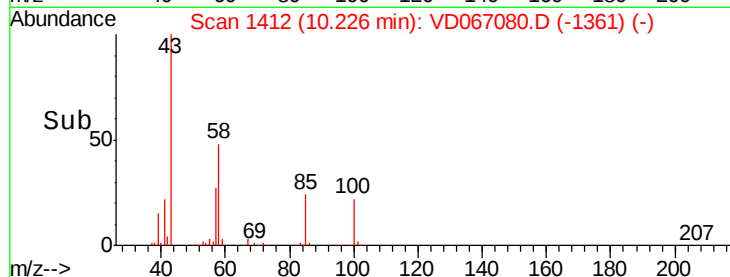
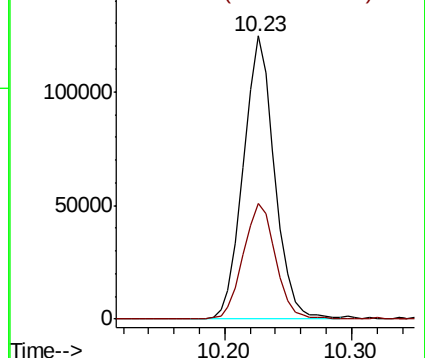
43 100

58 42.6 33.8 50.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 46.730 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD067080.D

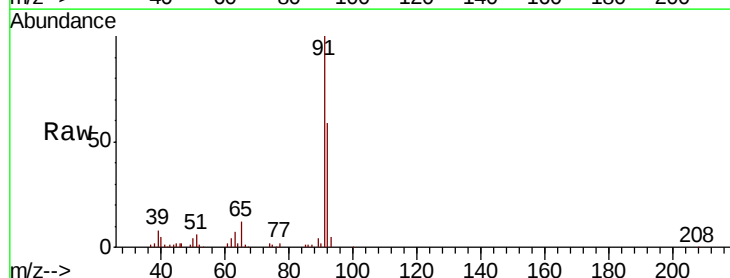
Acq: 05 Oct 2020 13:40

Tgt Ion: 92 Resp: 39793

Ion Ratio Lower Upper

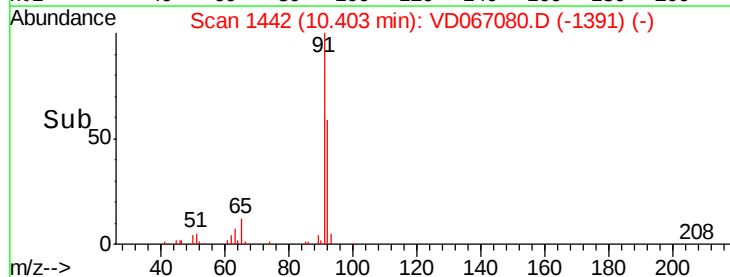
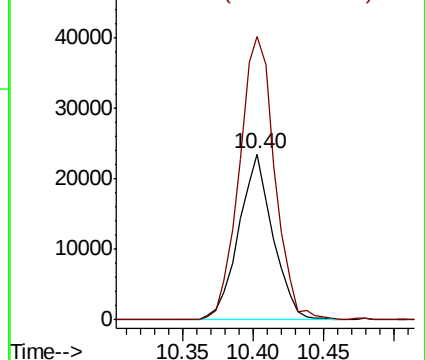
92 100

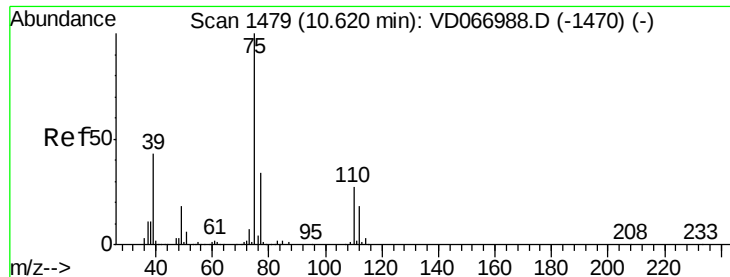
91 177.0 135.1 202.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 92.323 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

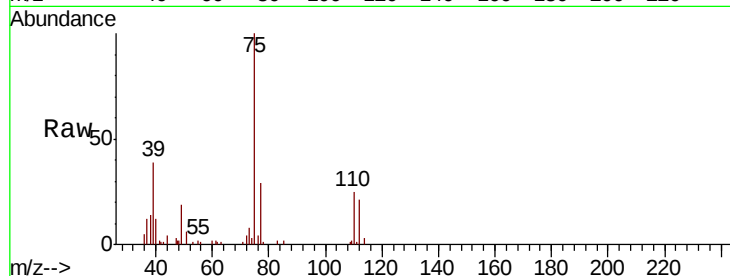
B-18(0-1)MS

Tot Ion: 75 Resp: 38290

Ion Ratio Lower Upper

75 100

77 29.3 27.1 40.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

25000

20000

15000

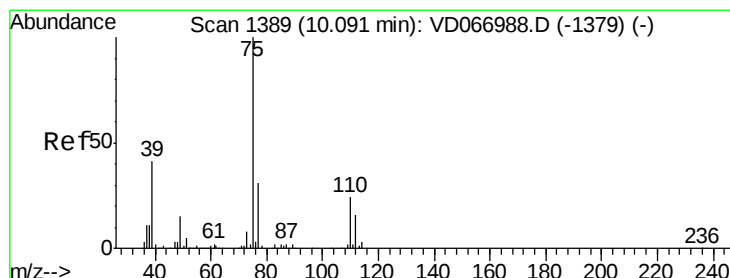
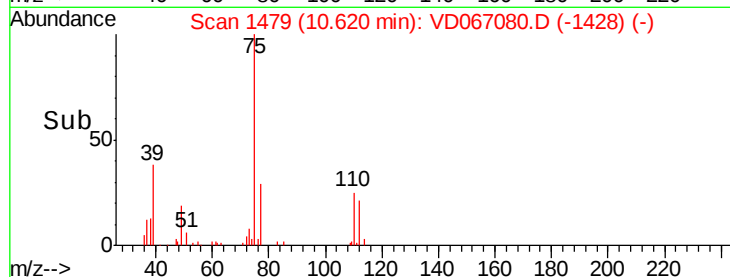
10000

5000

0

10.55 10.60 10.65 10.70

Time-->



#54

cis-1,3-Dichloropropene

Concen: 80.293 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

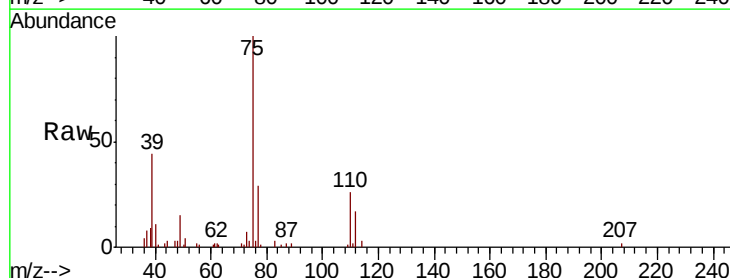
Tgt Ion: 75 Resp: 40664

Ion Ratio Lower Upper

75 100

77 28.9 24.6 37.0

39 44.1 33.0 49.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

30000

25000

20000

15000

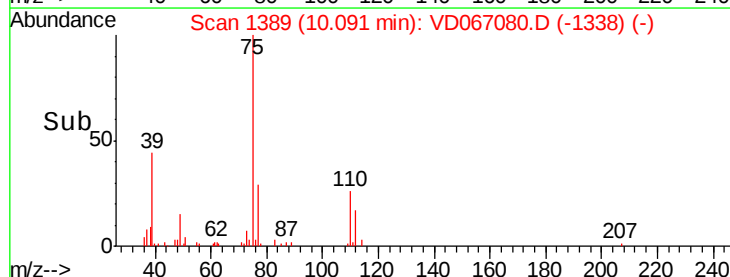
10000

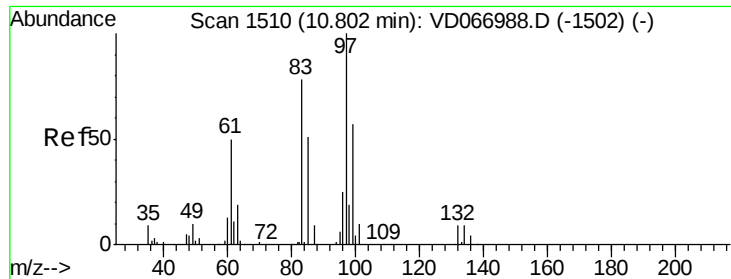
5000

0

10.00 10.05 10.10 10.15

Time-->





#55

1,1,2-Trichloroethane

Concen: 120.247 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

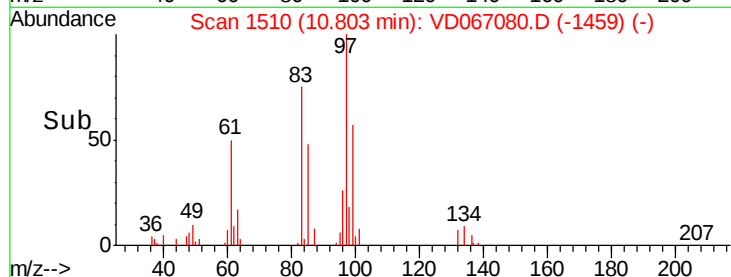
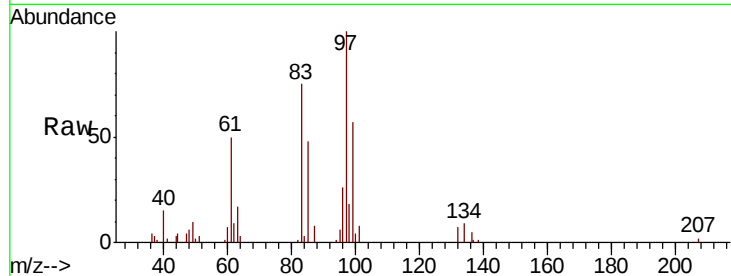
MSVOA_D

ClientSampleId :

B-18(0-1)MS

Tot Ion: 97 Resp: 29845

Ion	Ratio	Lower	Upper
97	100		
83	75.1	62.4	93.6
85	48.2	41.0	61.4
99	57.2	45.9	68.9

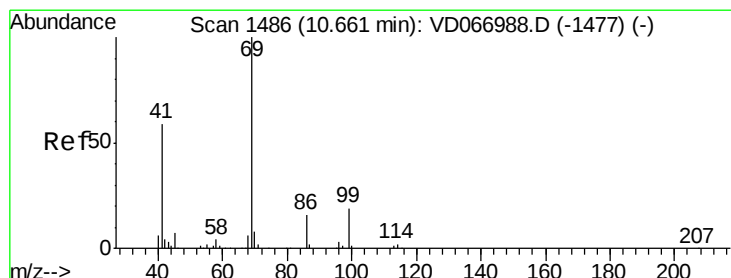
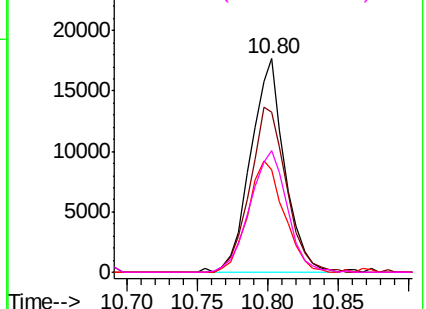


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 160.617 ug/l

RT: 10.66 min Scan# 1485

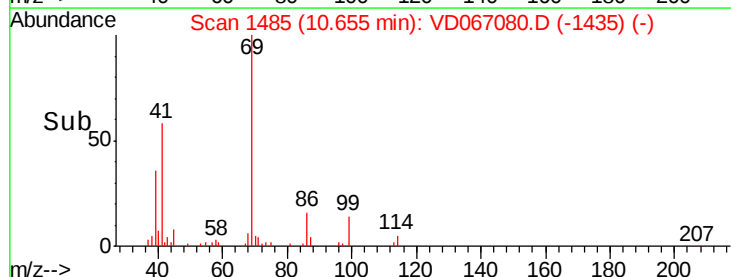
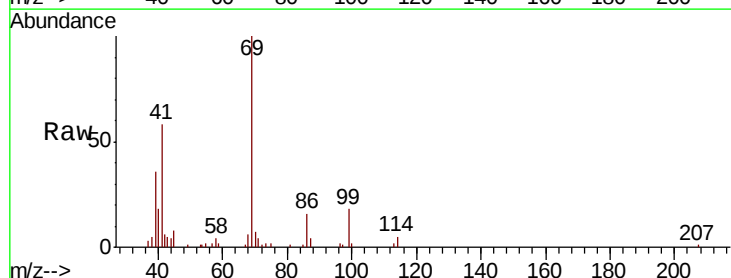
Delta R.T. -0.01 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Tgt Ion: 69 Resp: 41158

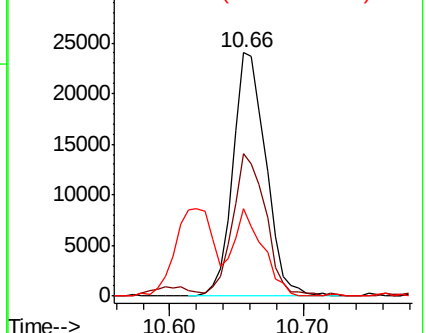
Ion	Ratio	Lower	Upper
69	100		
41	58.6	46.4	69.6
39	32.5	23.8	35.6

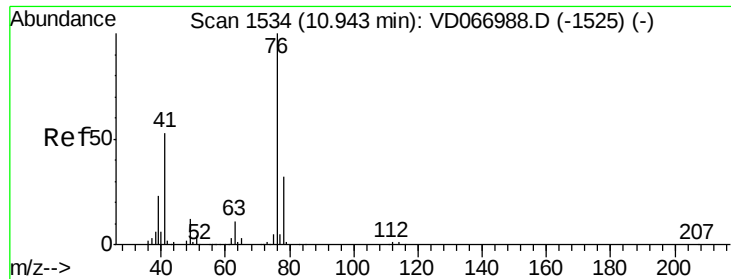


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 113.340 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.01 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

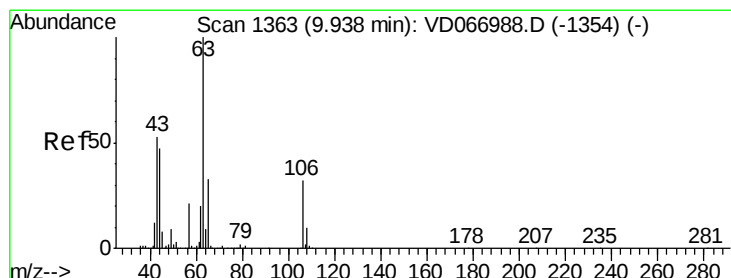
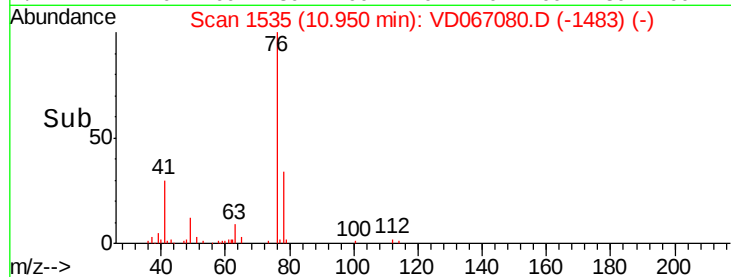
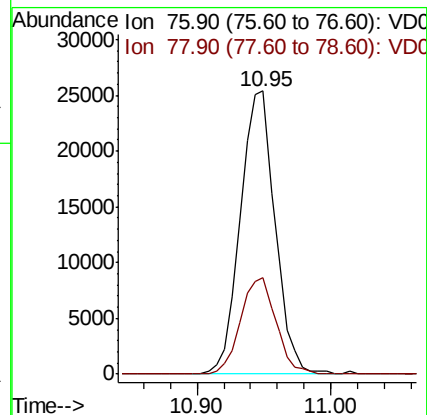
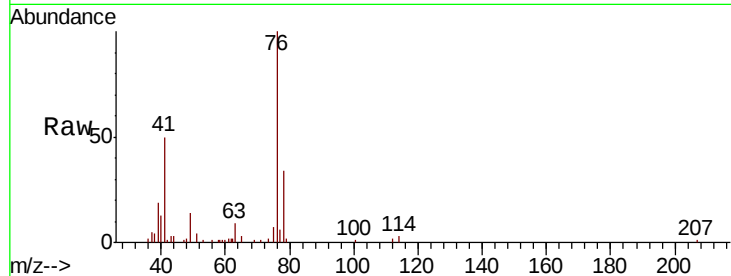
B-18(0-1)MS

Tot Ion: 76 Resp: 45617

Ion Ratio Lower Upper

76 100

78 34.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 869.665 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VD067080.D

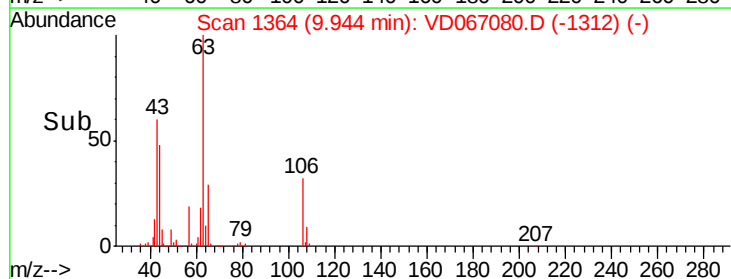
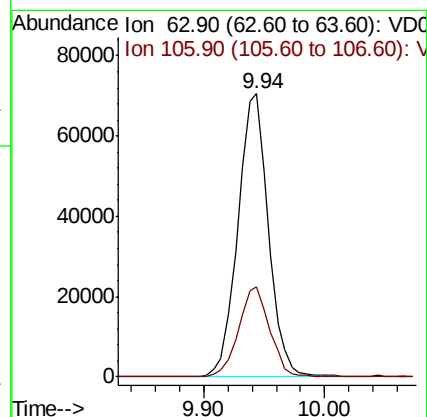
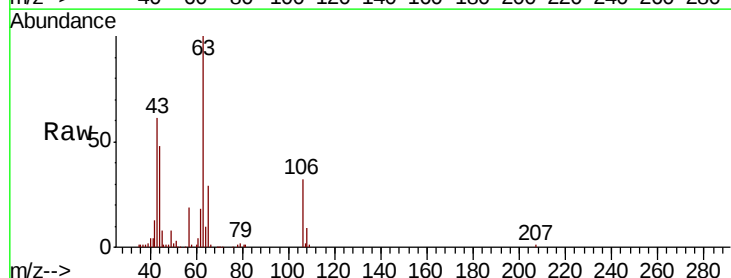
Acq: 05 Oct 2020 13:40

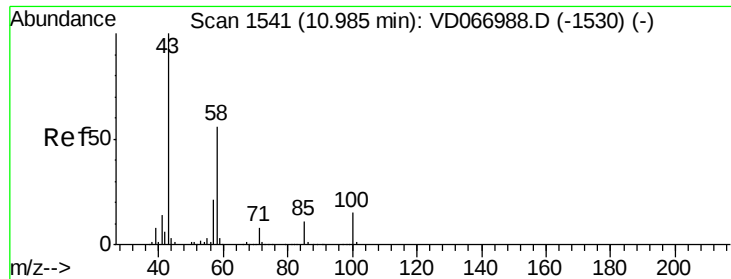
Tgt Ion: 63 Resp: 124035

Ion Ratio Lower Upper

63 100

106 32.4 25.3 37.9





#59

2-Hexanone

Concen: 1559.539 ug/l

RT: 10.98 min Scan# 1541

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

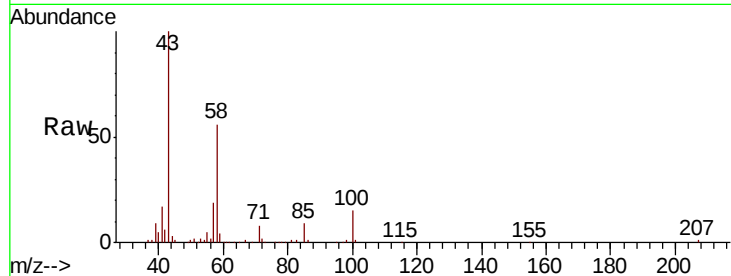
B-18(0-1)MS

Tot Ion: 43 Resp: 157480

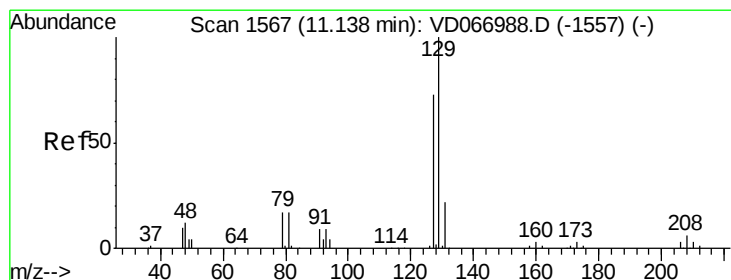
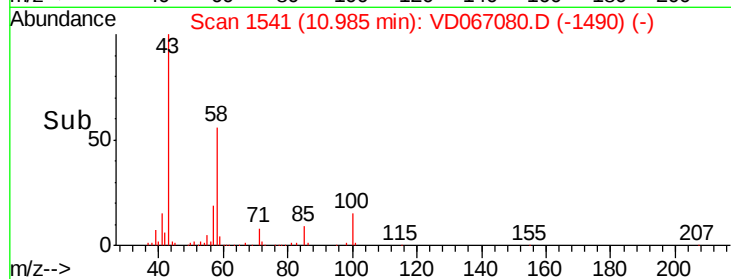
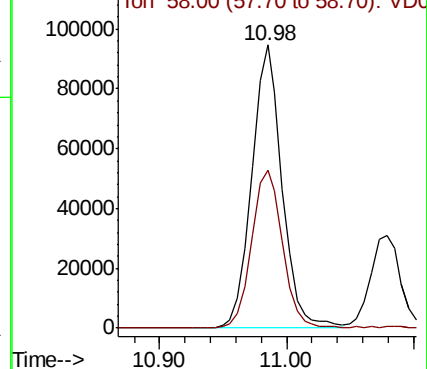
Ion Ratio Lower Upper

43 100

58 56.8 28.3 84.9



Abundance Ion 43.00 (42.70 to 43.70): VDC



#60

Dibromochloromethane

Concen: 100.014 ug/l

RT: 11.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VD067080.D

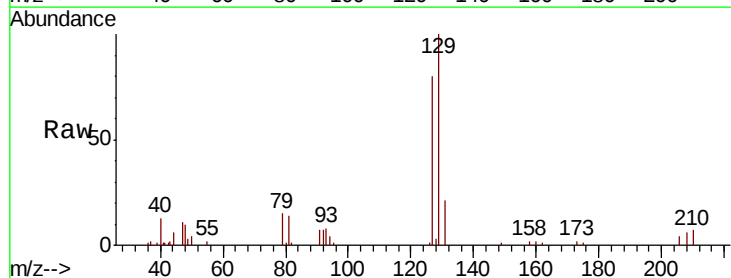
Acq: 05 Oct 2020 13:40

Tgt Ion: 129 Resp: 33085

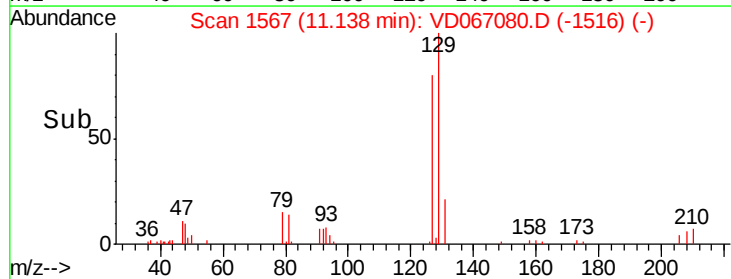
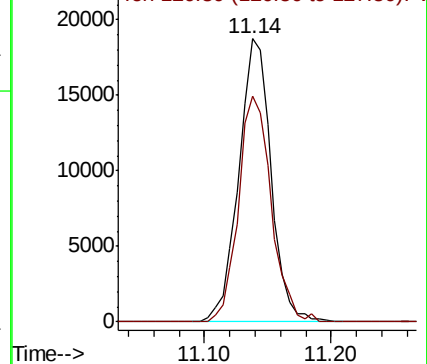
Ion Ratio Lower Upper

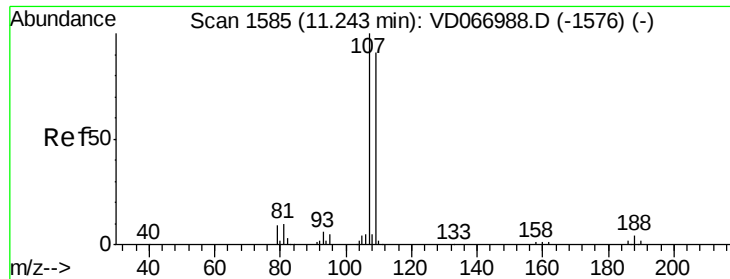
129 100

127 80.5 37.4 112.1



Abundance Ion 128.80 (128.50 to 129.50): V

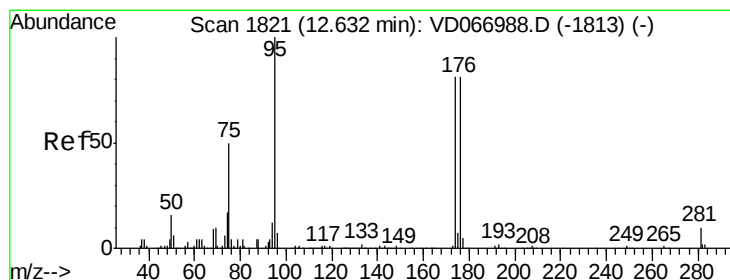
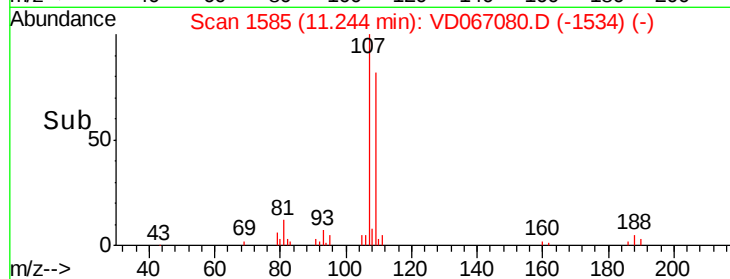
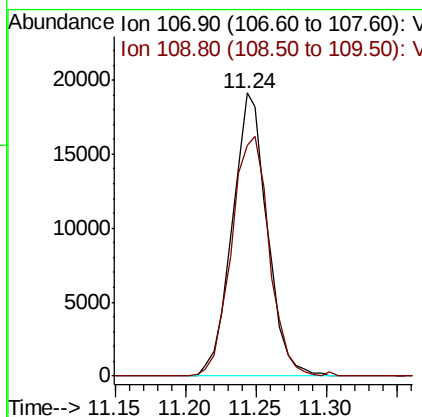
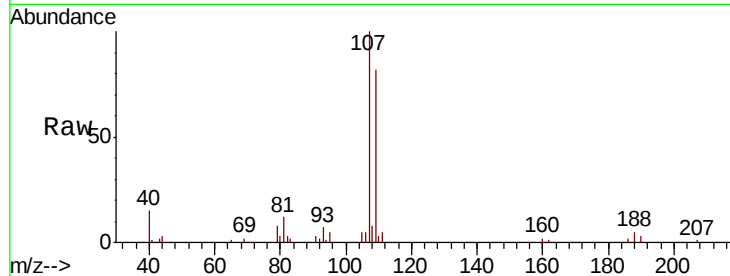




#61
 1,2-Dibromoethane
 Concen: 138.109 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

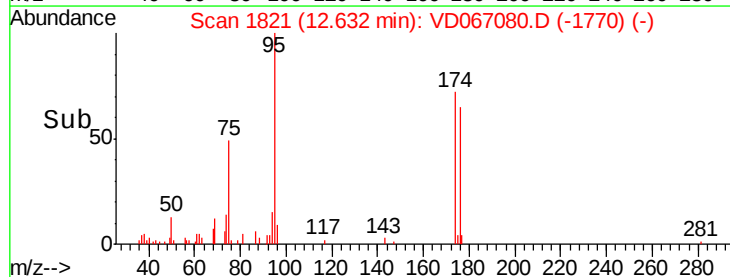
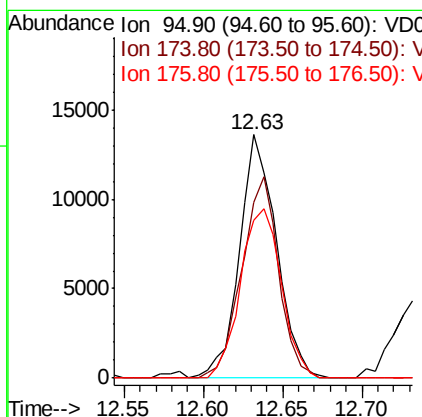
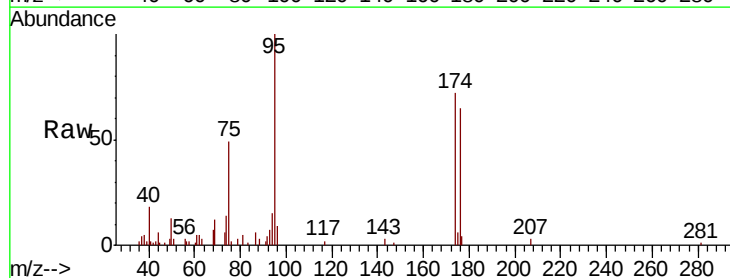
Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(0-1)MS

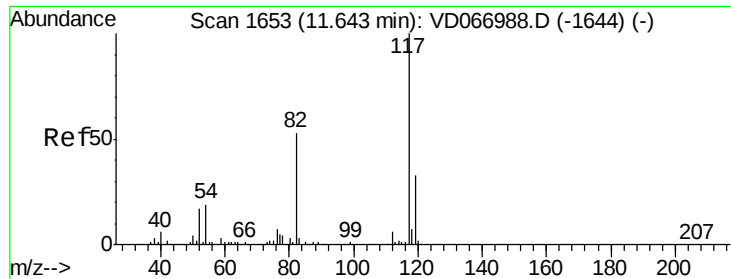
Tot Ion:107 Resp: 32932
 Ion Ratio Lower Upper
 107 100
 109 91.8 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 53.518 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Tgt Ion: 95 Resp: 22130
 Ion Ratio Lower Upper
 95 100
 174 81.8 0.0 167.6
 176 76.8 0.0 162.4

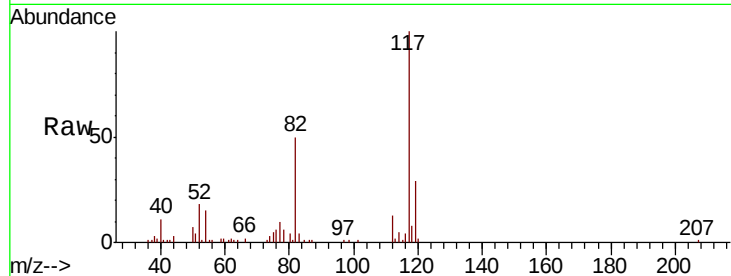




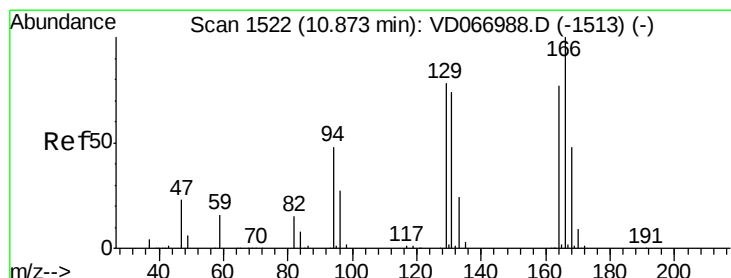
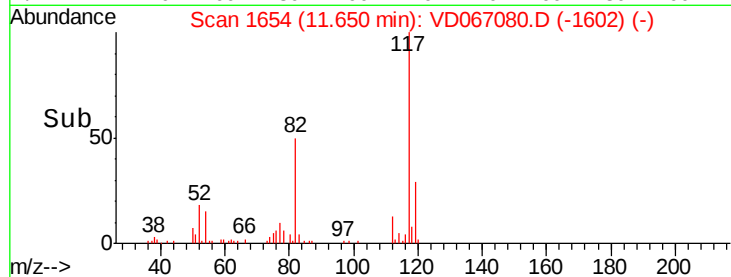
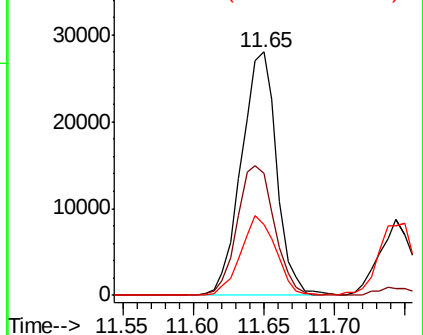
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

Tot Ion:117 Resp: 49121
Ion Ratio Lower Upper
117 100
82 49.9 42.6 63.8
119 29.3 26.3 39.5

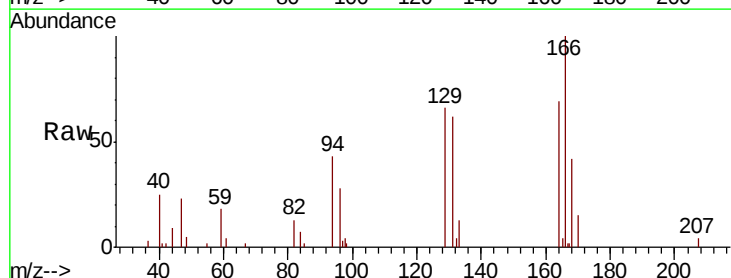


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

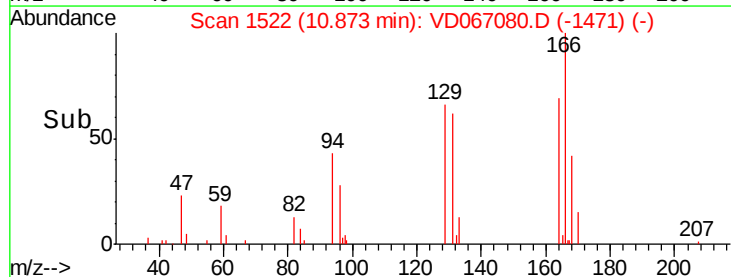
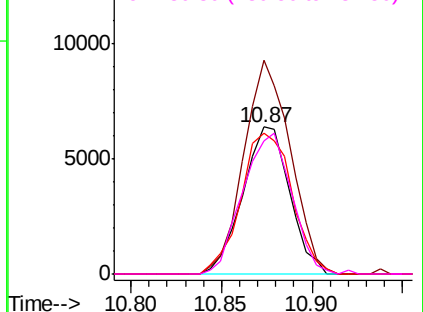


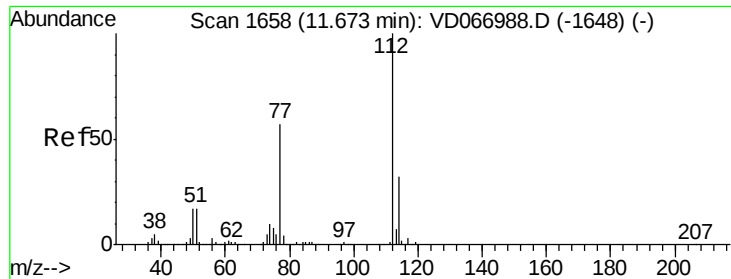
#64
Tetrachloroethene
Concen: 32.267 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion:164 Resp: 11523
Ion Ratio Lower Upper
164 100
166 145.5 104.4 156.6
129 95.7 81.3 121.9
131 90.6 77.1 115.7



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

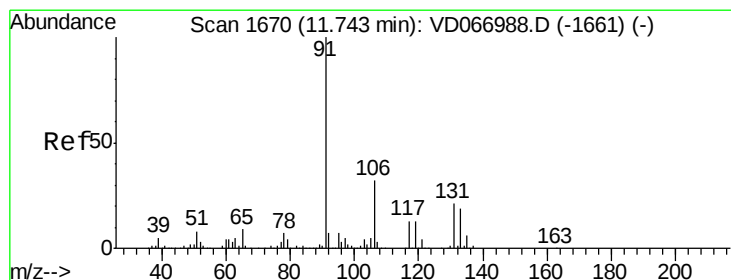
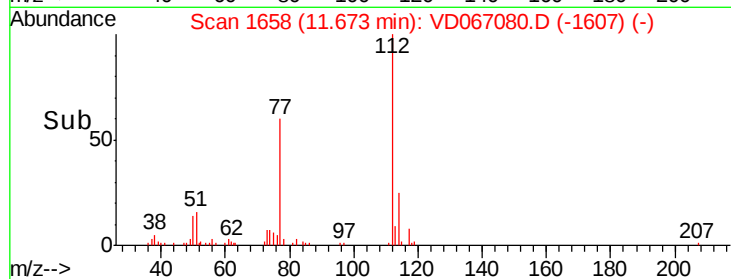
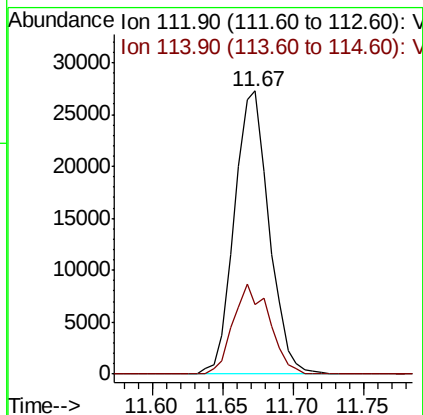
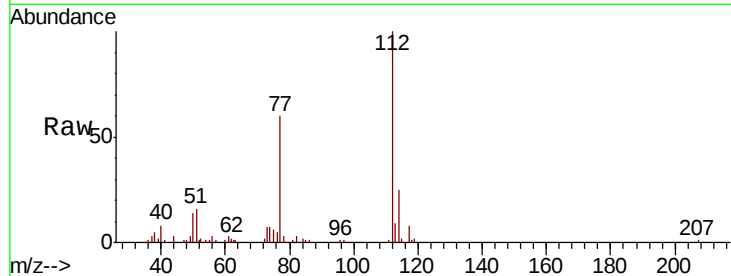




#65
Chlorobenzene
Concen: 47.865 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

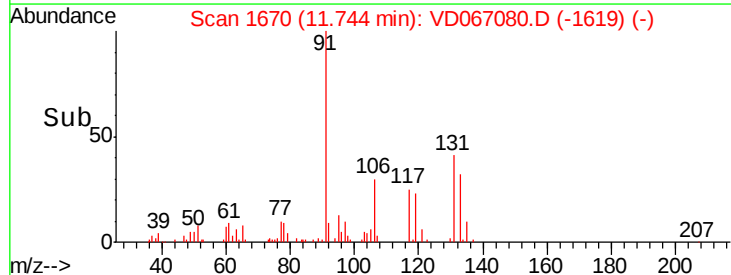
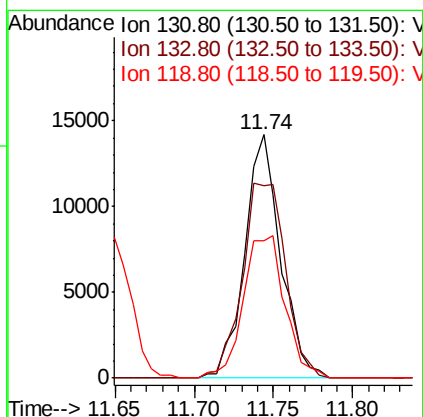
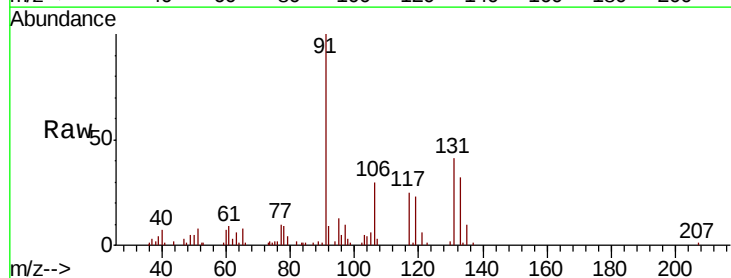
Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

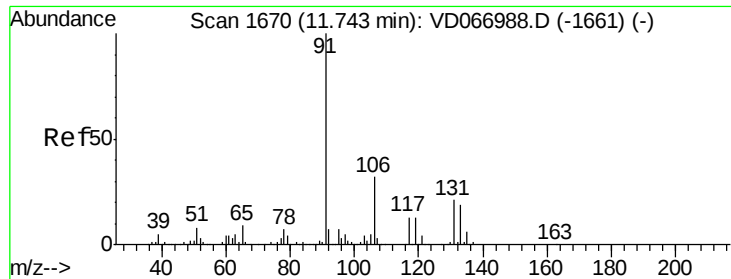
Tot Ion:112 Resp: 46762
Ion Ratio Lower Upper
112 100
114 24.5 25.4 38.0#



#66
1,1,1,2-Tetrachloroethane
Concen: 60.059 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion:131 Resp: 22319
Ion Ratio Lower Upper
131 100
133 96.7 47.8 143.3
119 67.7 32.3 96.8

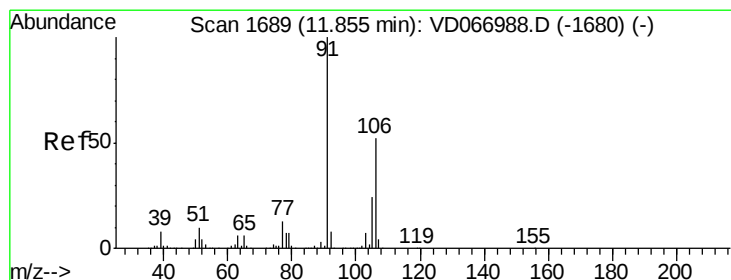
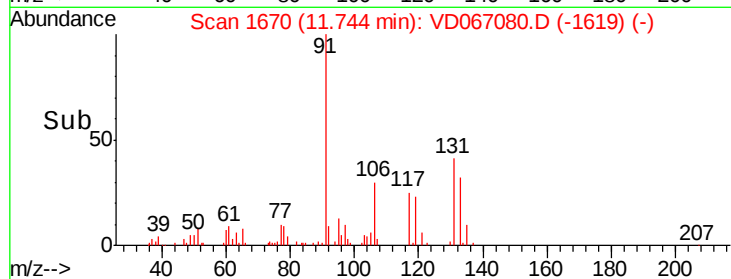
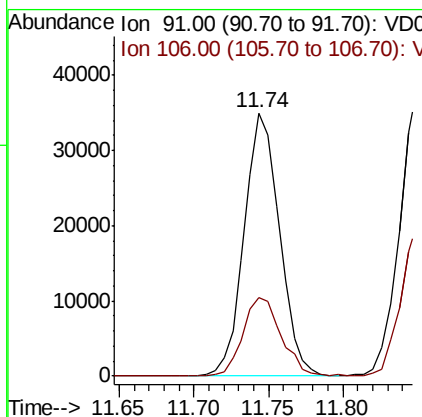
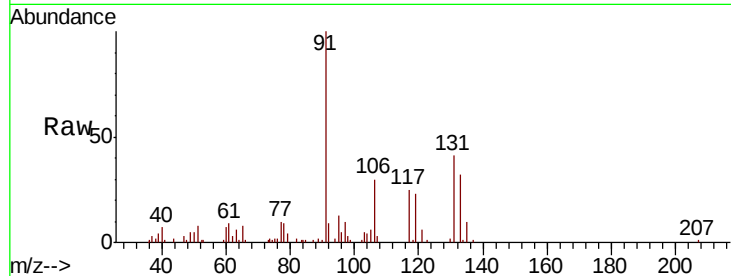




#67
Ethyl Benzene
Concen: 34.154 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

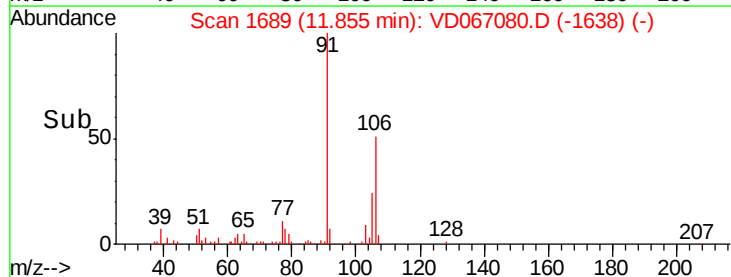
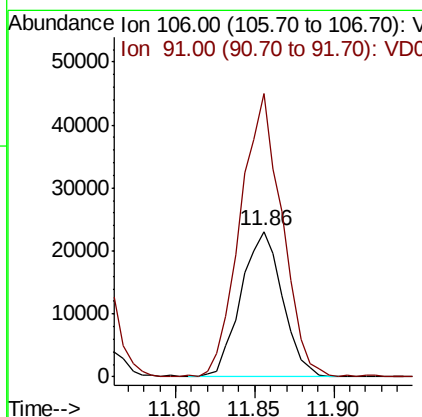
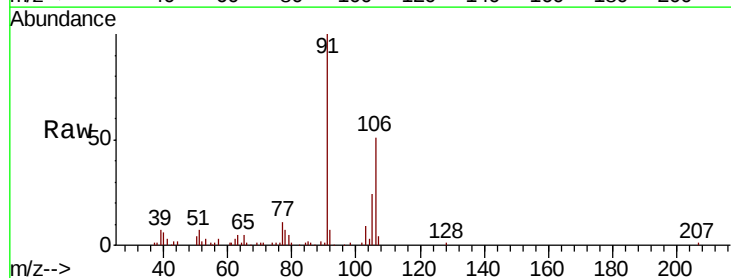
Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

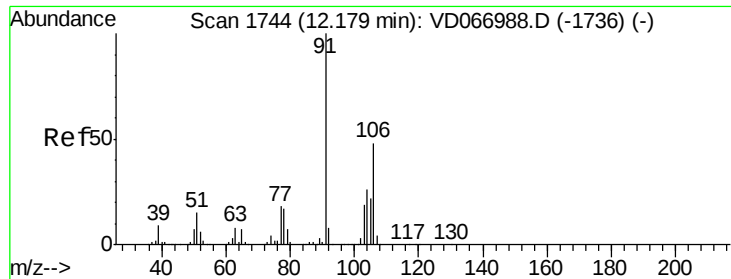
Tot Ion: 91 Resp: 57170
Ion Ratio Lower Upper
91 100
106 29.7 25.4 38.2



#68
m/p-Xylenes
Concen: 64.602 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion: 106 Resp: 42143
Ion Ratio Lower Upper
106 100
91 196.1 158.4 237.6

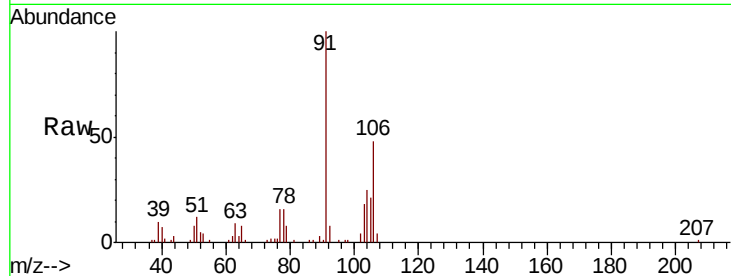




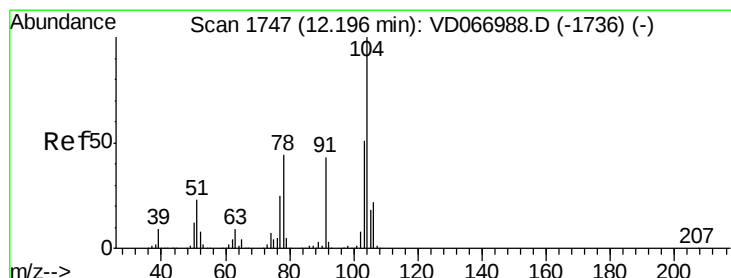
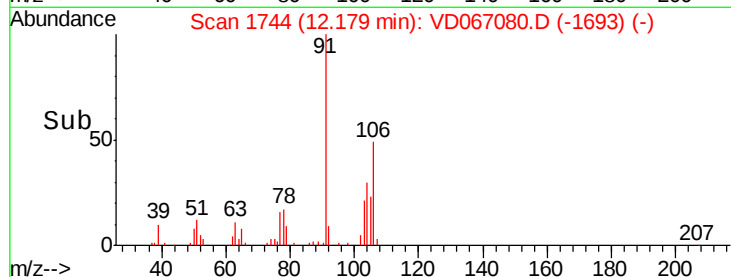
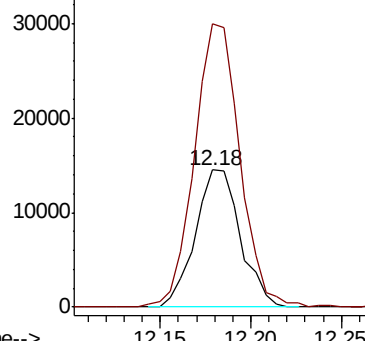
#69
o-Xylene
Concen: 42.865 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

Tot Ion:106 Resp: 25006
Ion Ratio Lower Upper
106 100
91 208.5 102.4 307.2

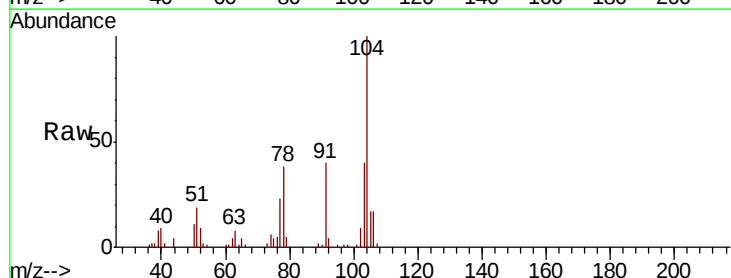


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

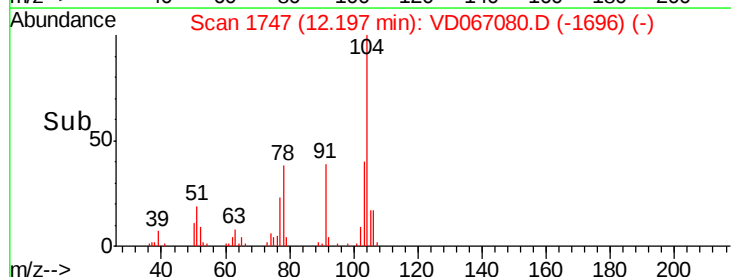
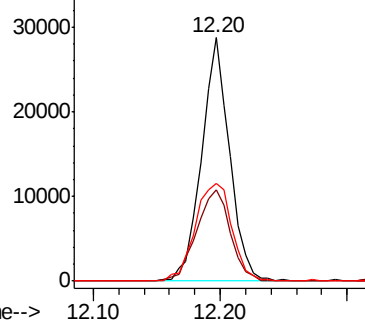


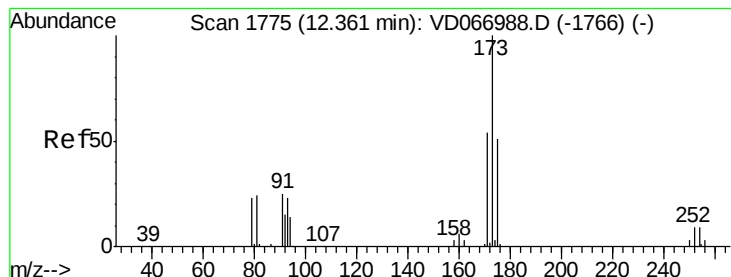
#70
Styrene
Concen: 43.818 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion:104 Resp: 43894
Ion Ratio Lower Upper
104 100
78 45.2 38.6 58.0
103 52.7 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: 127.490 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

B-18(0-1)MS

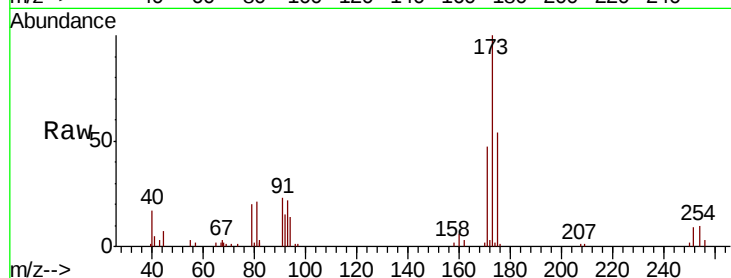
Tot Ion:173 Resp: 24593

Ion Ratio Lower Upper

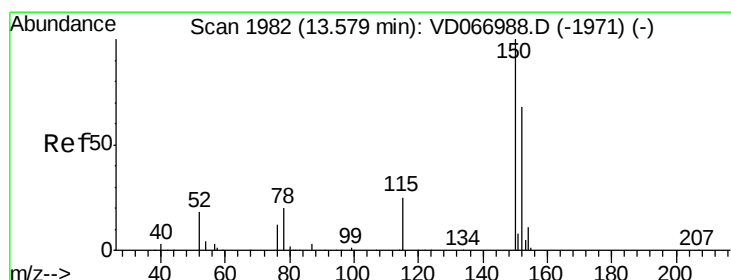
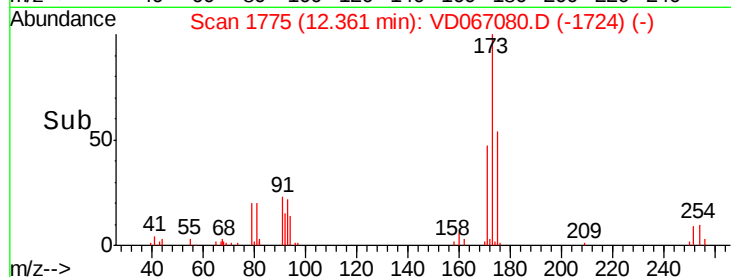
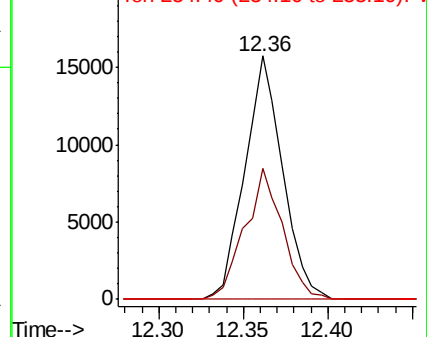
173 100

175 53.5 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: VD067080.D

Acq: 05 Oct 2020 13:40

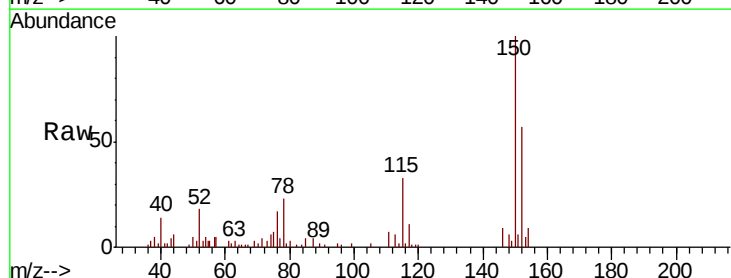
Tgt Ion:152 Resp: 17823

Ion Ratio Lower Upper

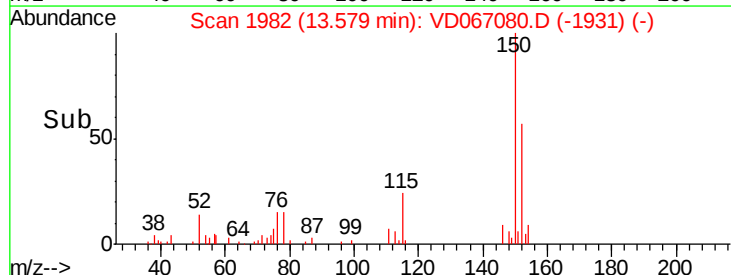
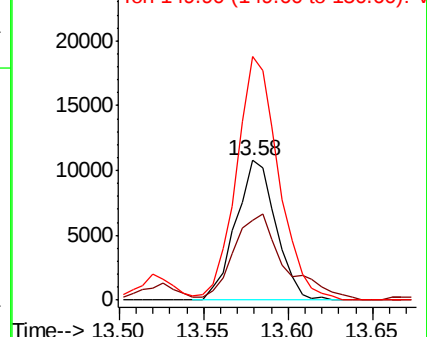
152 100

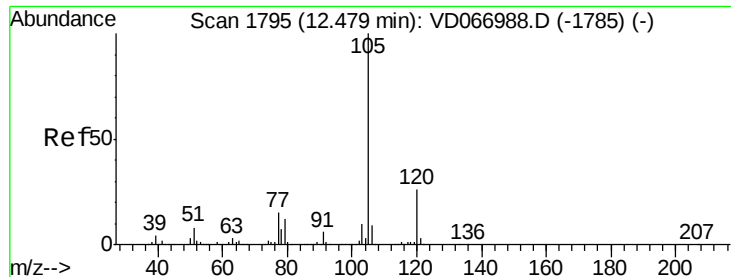
115 78.5 29.6 88.8

150 183.4 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: 31.214 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

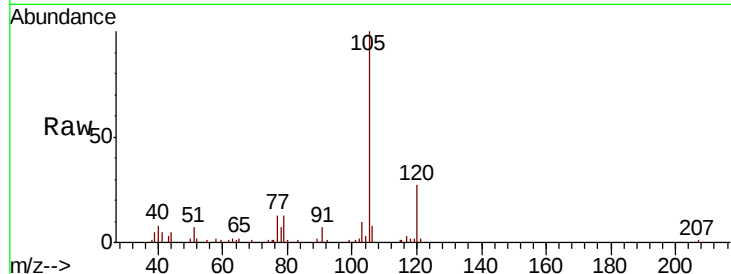
B-18(0-1)MS

Tot Ion:105 Resp: 37775

Ion Ratio Lower Upper

105 100

120 28.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

25000

20000

15000

10000

5000

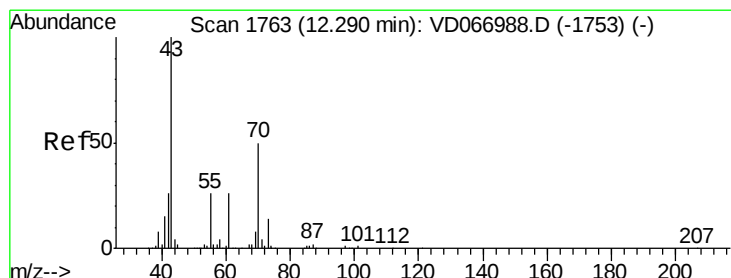
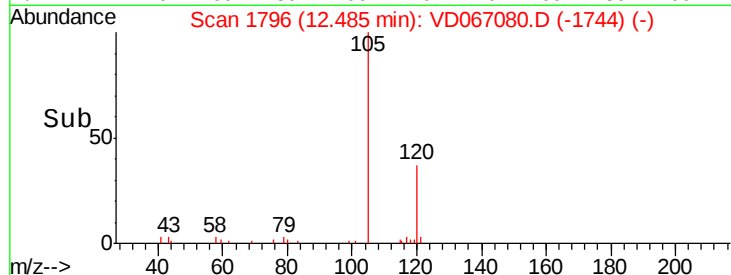
0

12.48

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 179.573 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Tgt Ion: 43 Resp: 39067

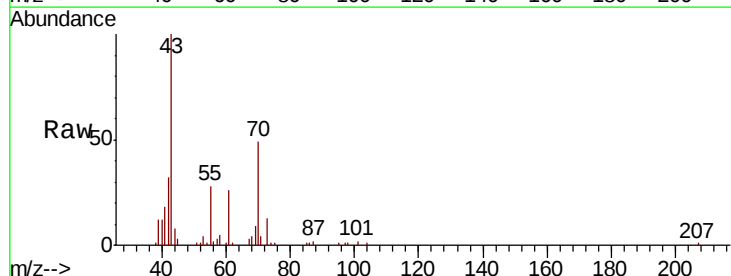
Ion Ratio Lower Upper

43 100

70 46.1 38.2 57.2

55 29.1 22.4 33.6

61 24.7 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

30000

20000

10000

0

12.29

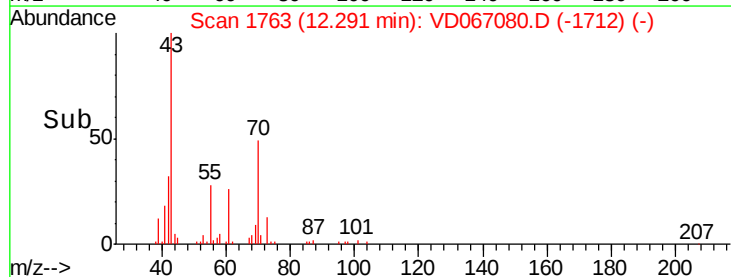
12.20

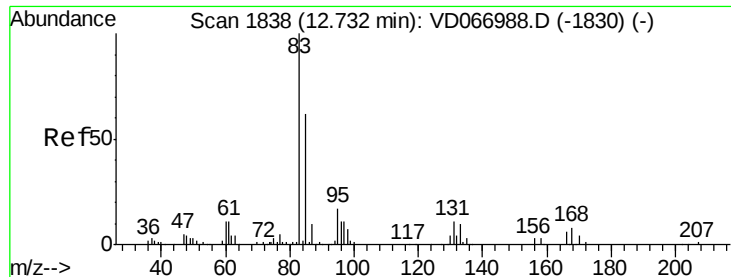
12.25

12.30

12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 207.526 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

B-18(0-1)MS

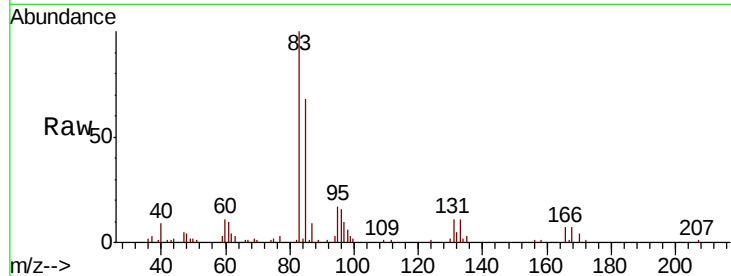
Tot Ion: 83 Resp: 42315

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.0

85 63.9 32.0 96.2



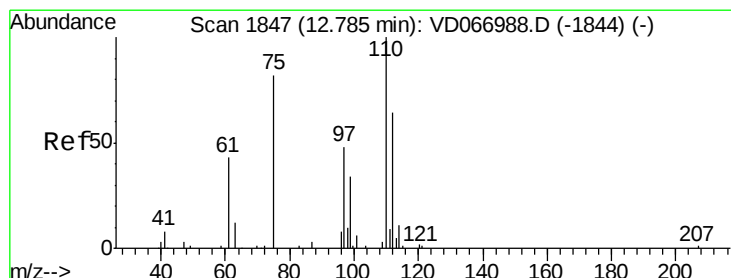
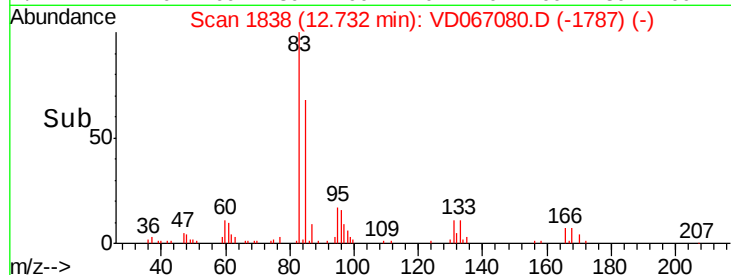
Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC

12.73

Time--> 12.65 12.70 12.75 12.80



#76

1,2,3-Trichloropropane

Concen: 351.736 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067080.D

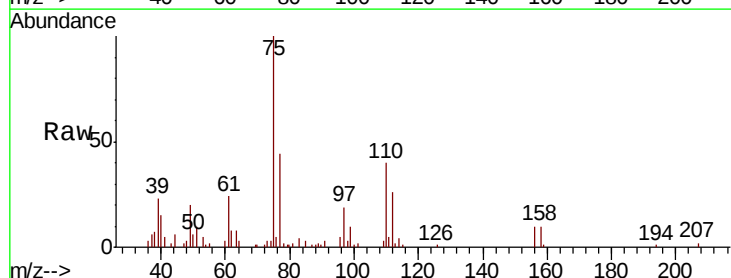
Acq: 05 Oct 2020 13:40

Tgt Ion: 75 Resp: 54605

Ion Ratio Lower Upper

75 100

77 88.8 0.0 0.0#

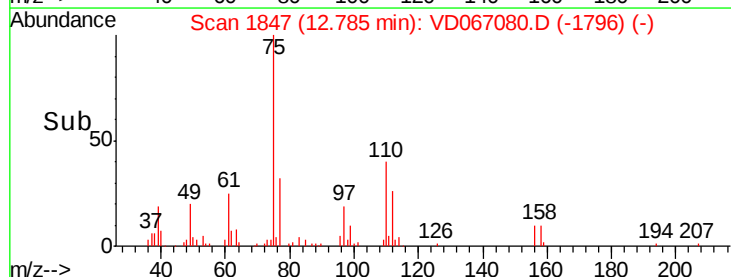


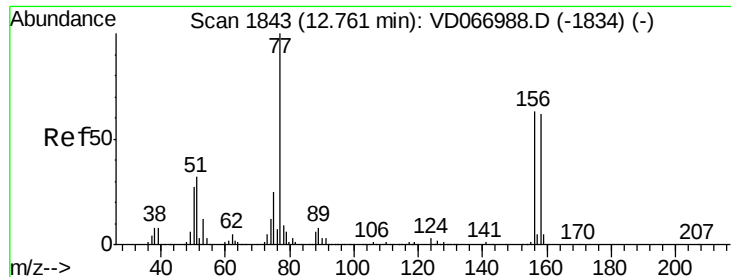
Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.78

Time--> 12.70 12.80





#77

Bromobenzene

Concen: 70.512 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

B-18(0-1)MS

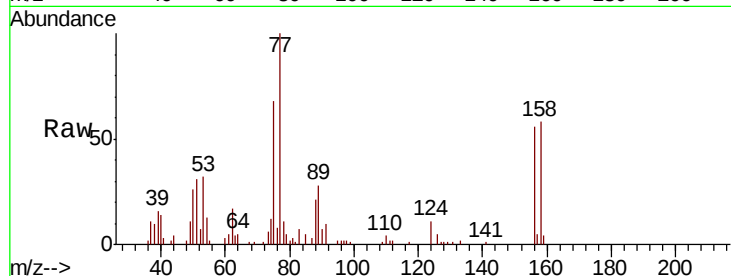
Tot Ion:156 Resp: 20605

Ion Ratio Lower Upper

156 100

77 235.2 86.3 258.8

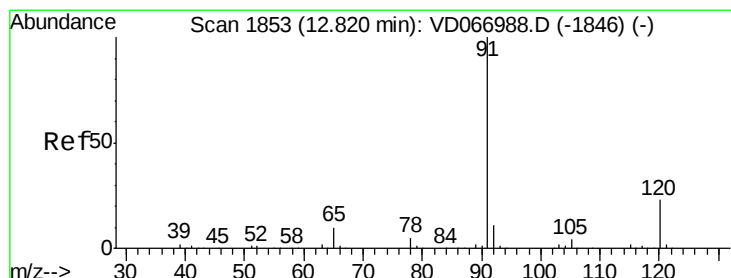
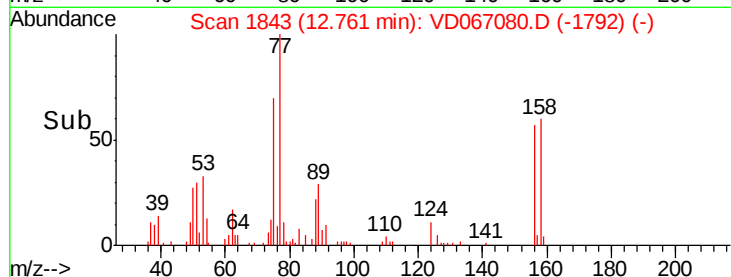
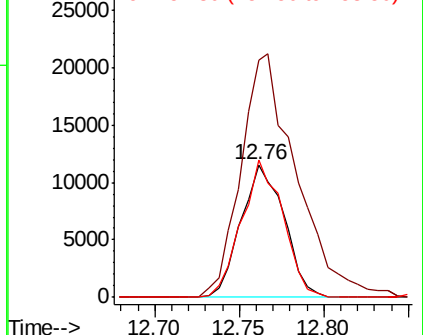
158 99.3 49.5 148.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 24.380 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD067080.D

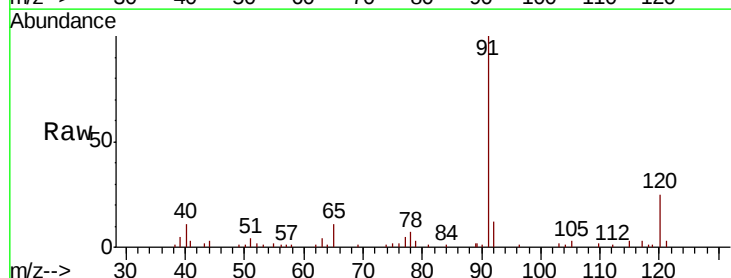
Acq: 05 Oct 2020 13:40

Tgt Ion: 91 Resp: 34870

Ion Ratio Lower Upper

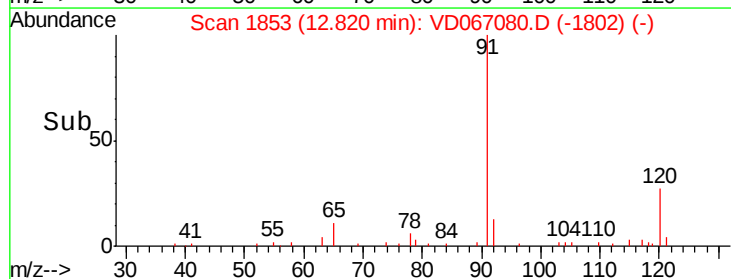
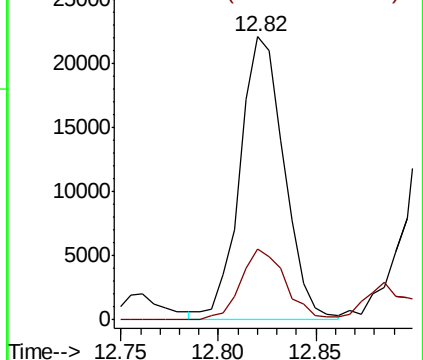
91 100

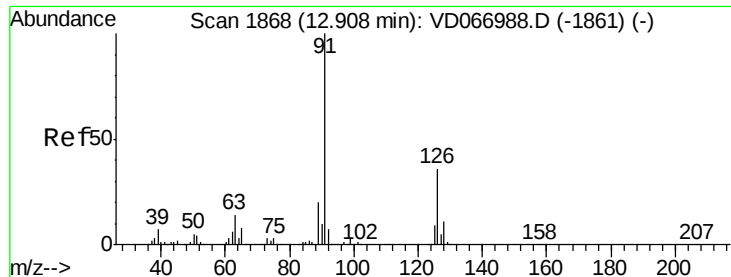
120 25.2 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.369 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

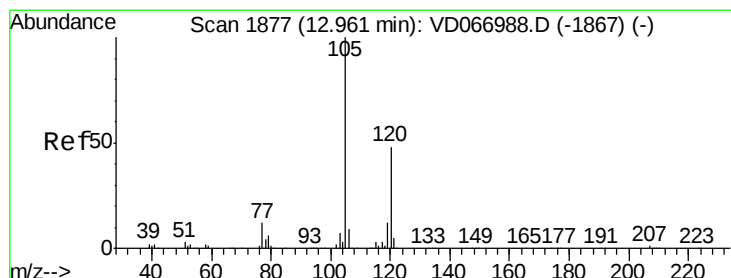
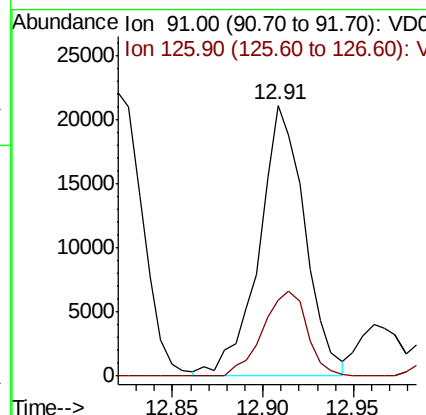
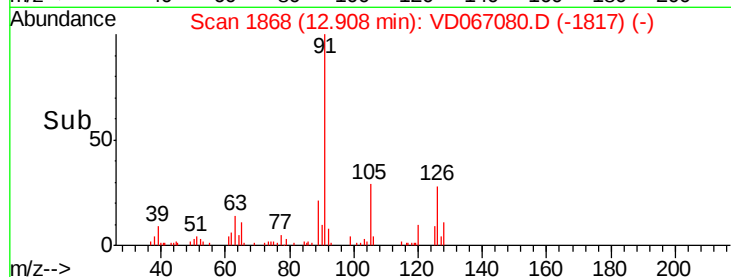
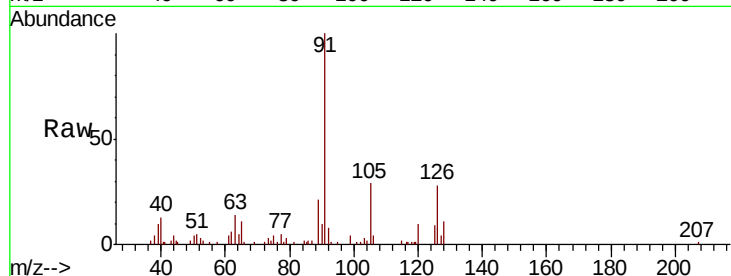
B-18(0-1)MS

Tot Ion: 91 Resp: 37126

Ion Ratio Lower Upper

91 100

126 30.2 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 56.823 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067080.D

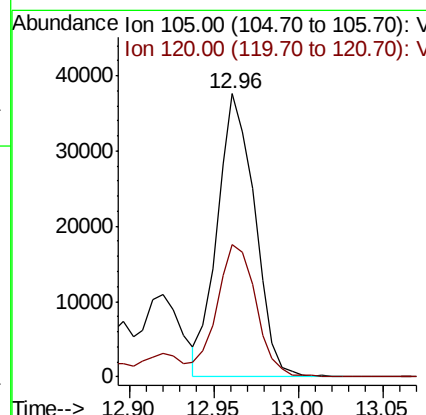
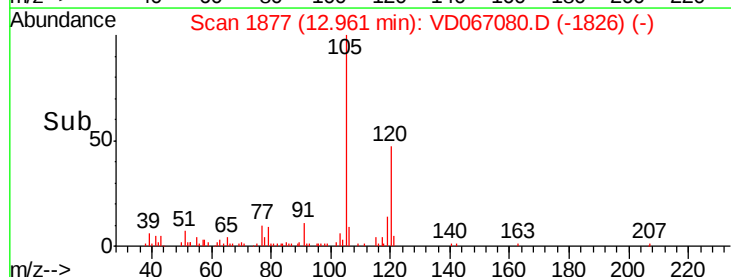
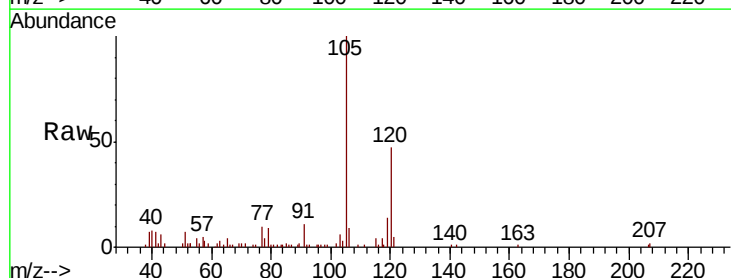
Acq: 05 Oct 2020 13:40

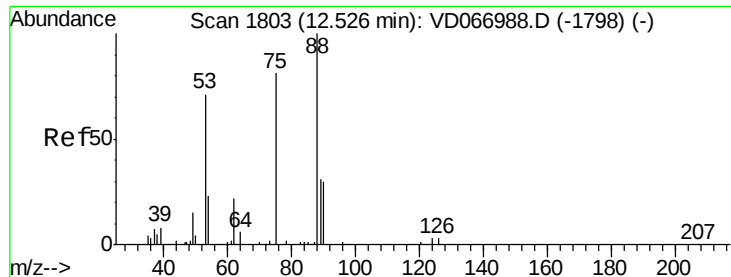
Tgt Ion: 105 Resp: 58101

Ion Ratio Lower Upper

105 100

120 49.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 244.761 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

B-18(0-1)MS

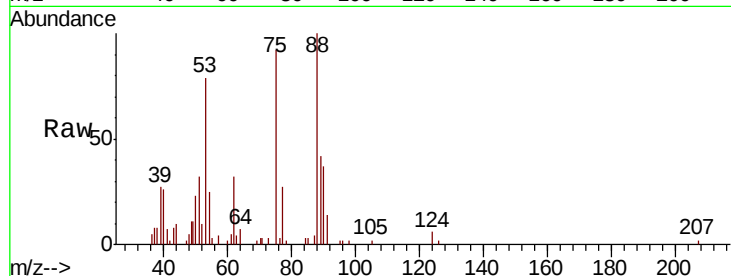
Tot Ion: 75 Resp: 15241

Ion Ratio Lower Upper

75 100

53 85.4 73.8 110.6

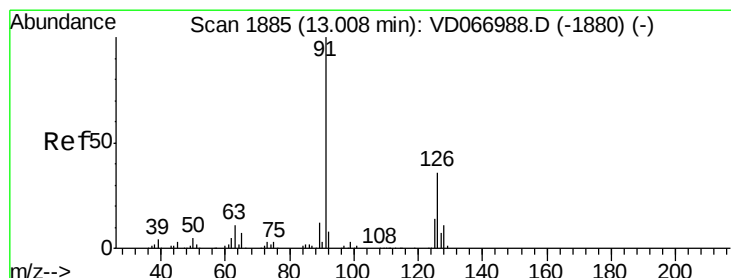
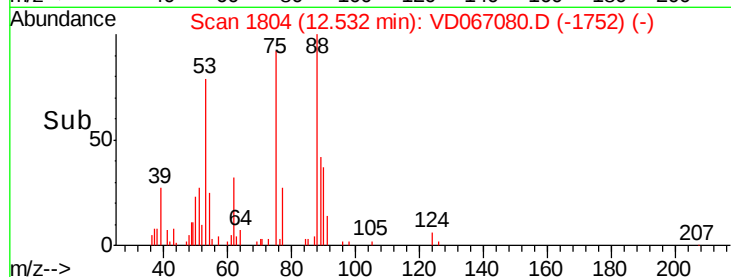
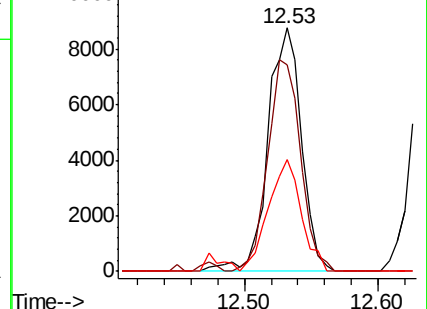
89 45.1 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 43.785 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067080.D

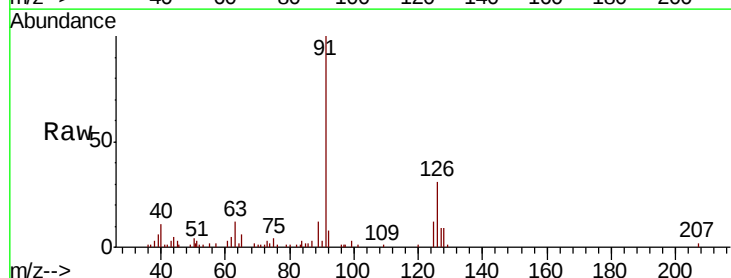
Acq: 05 Oct 2020 13:40

Tgt Ion: 91 Resp: 38121

Ion Ratio Lower Upper

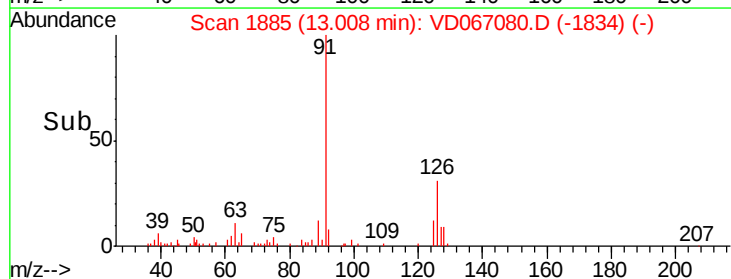
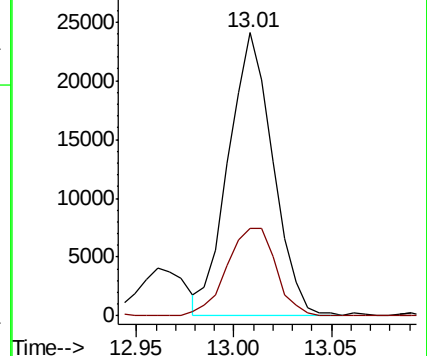
91 100

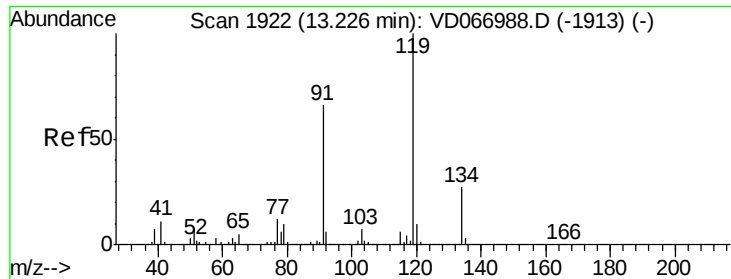
126 34.0 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

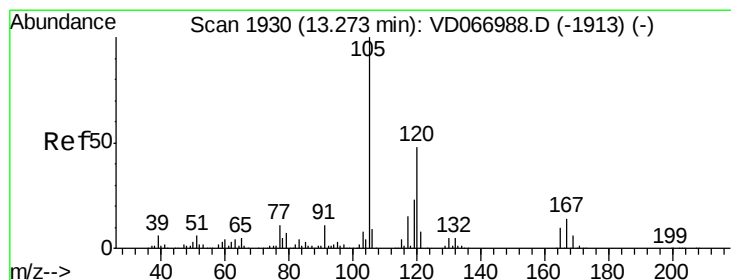
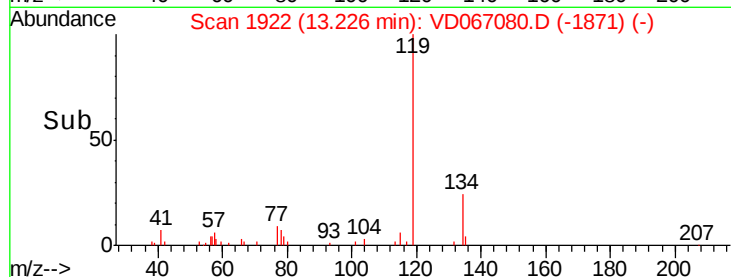
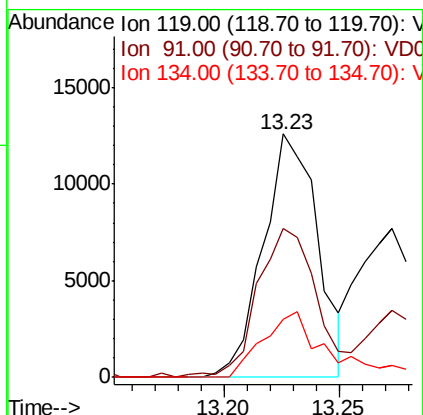
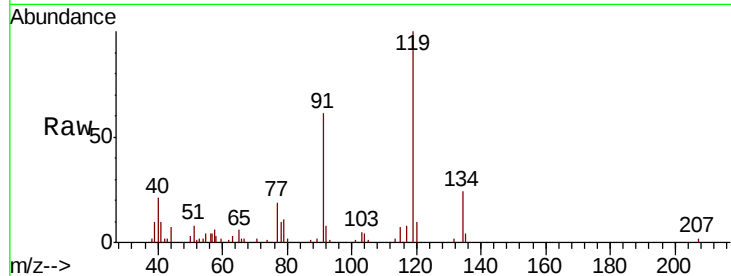




#83
tert-Butylbenzene
Concen: 24.051 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

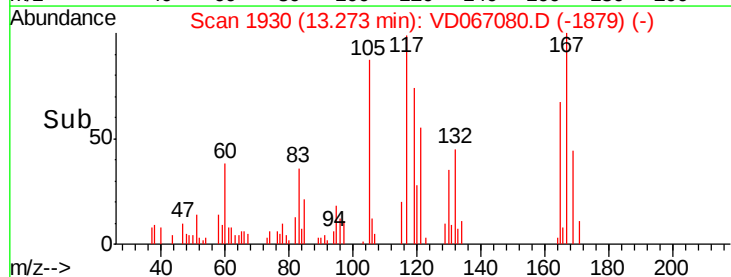
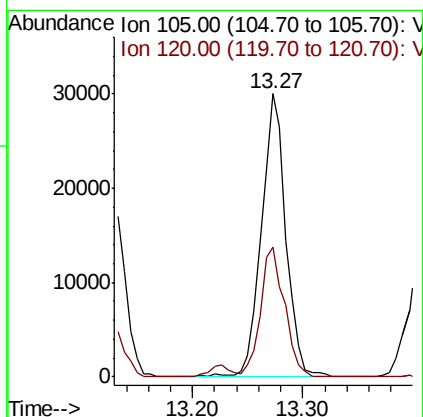
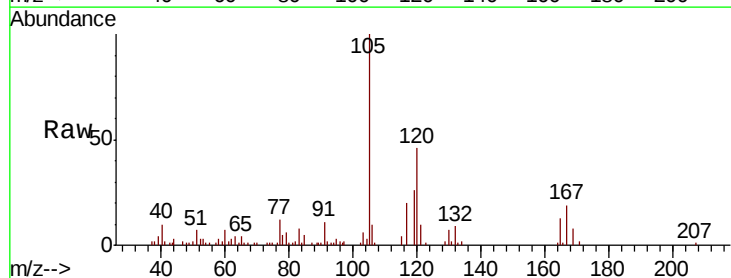
Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

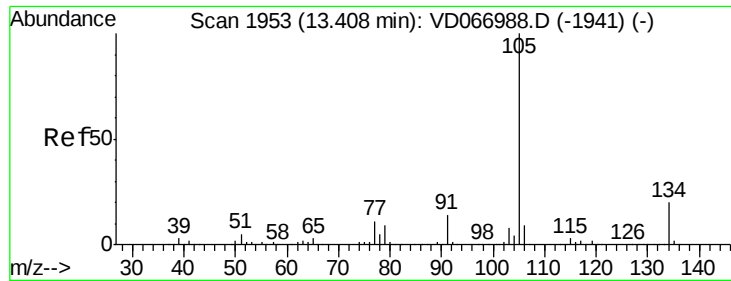
Tot Ion:119 Resp: 20709
Ion Ratio Lower Upper
119 100
91 66.7 32.8 98.3
134 32.7 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 45.665 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion:105 Resp: 46597
Ion Ratio Lower Upper
105 100
120 44.8 23.3 69.8





#85

sec-Butylbenzene

Concen: 17.441 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

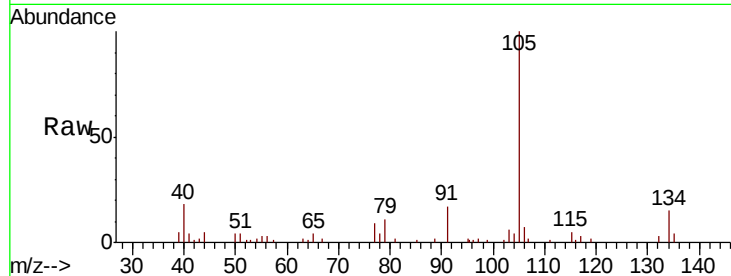
B-18(0-1)MS

Tot Ion:105 Resp: 21148

Ion Ratio Lower Upper

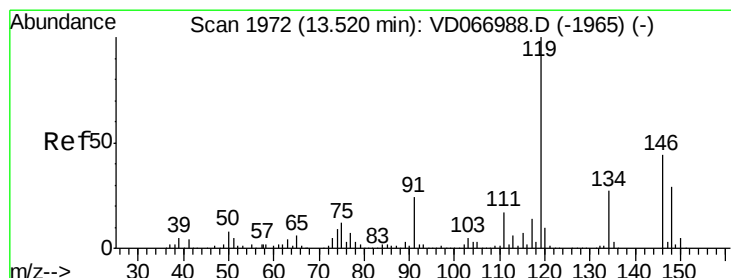
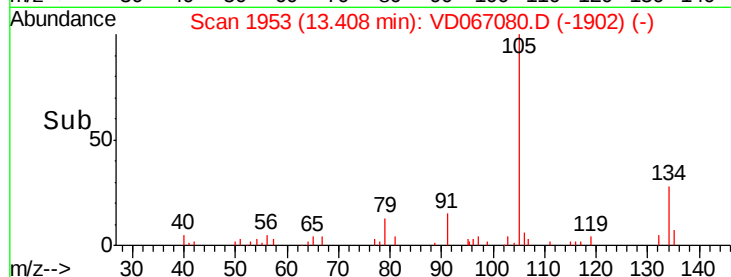
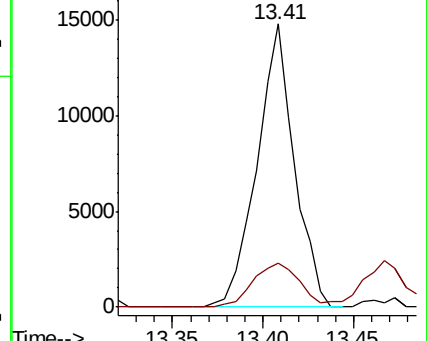
105 100

134 19.7 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: 21.903 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

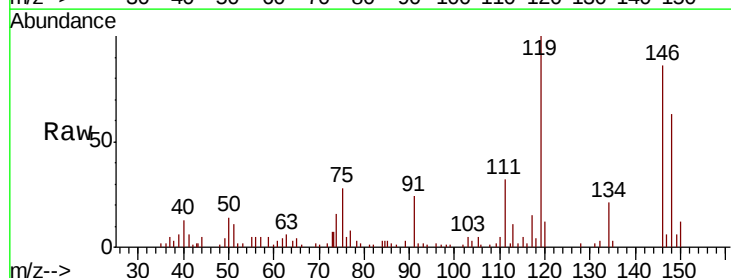
Tgt Ion:119 Resp: 24622

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

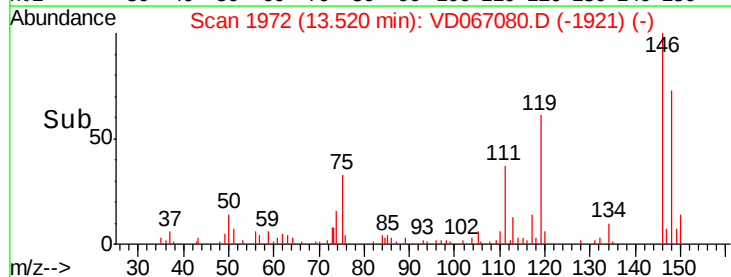
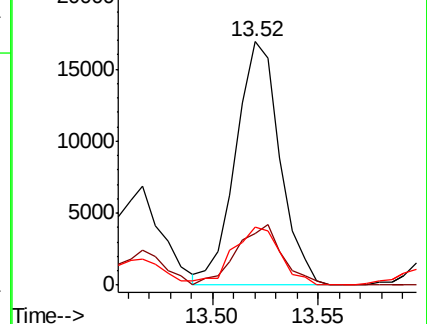
91 25.6 11.7 35.1

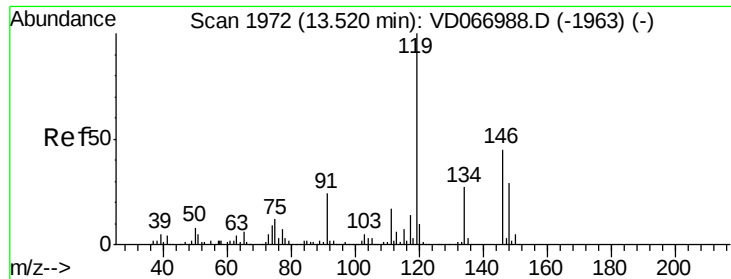


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 44.591 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

B-18(0-1)MS

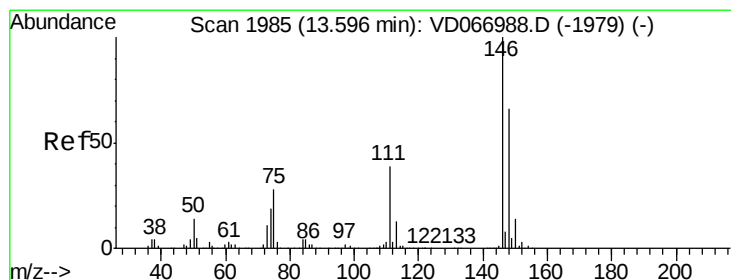
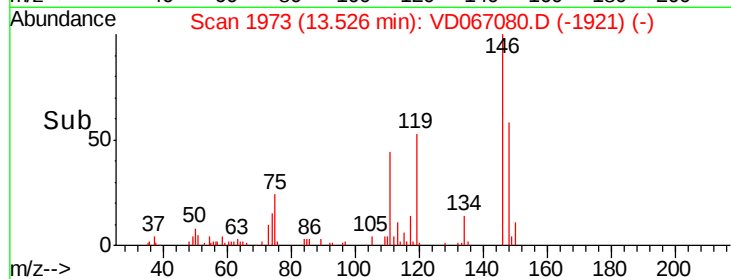
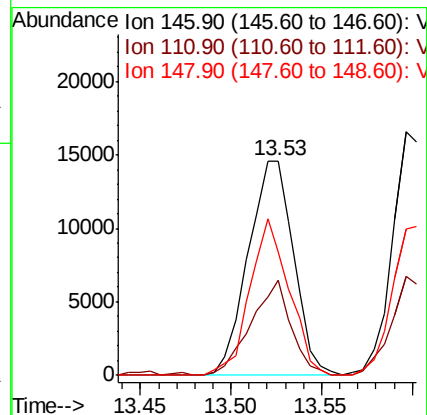
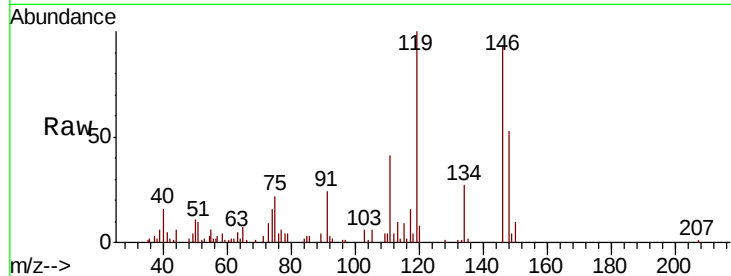
Tot Ion:146 Resp: 25381

Ion Ratio Lower Upper

146 100

111 39.3 20.0 60.0

148 63.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 47.441 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

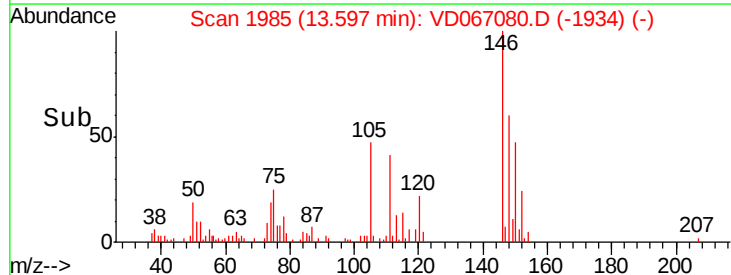
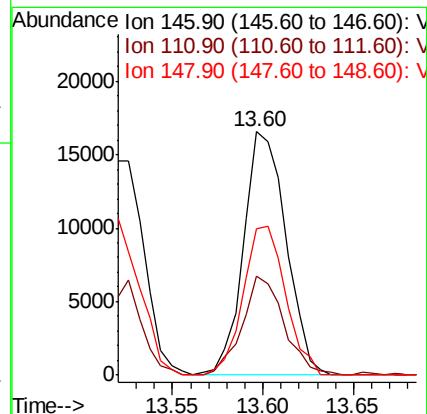
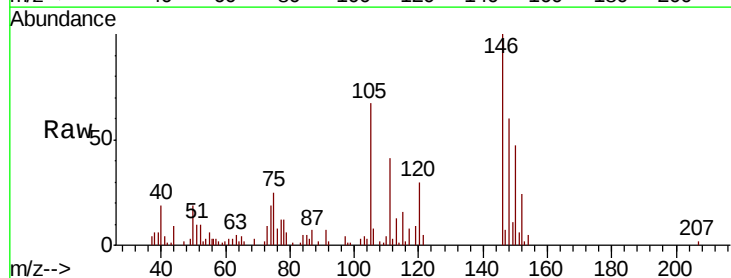
Tgt Ion:146 Resp: 27000

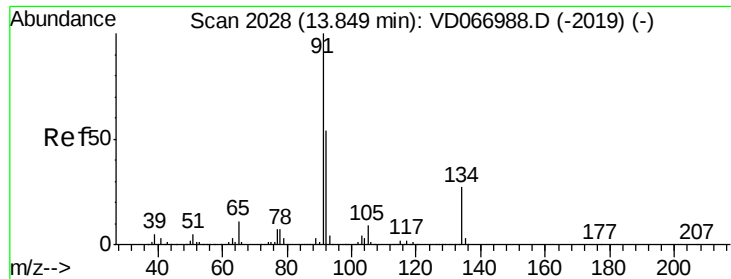
Ion Ratio Lower Upper

146 100

111 40.0 19.6 58.7

148 61.3 32.6 97.7

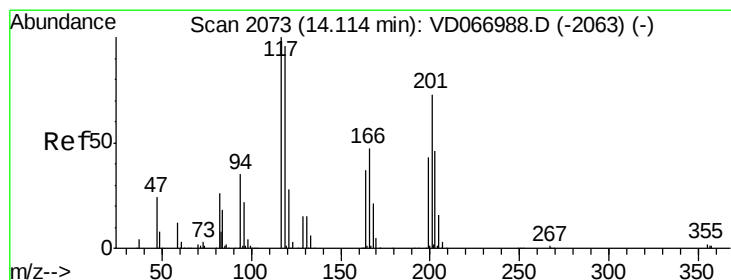
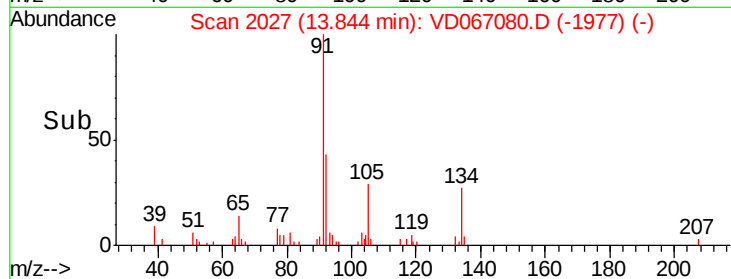
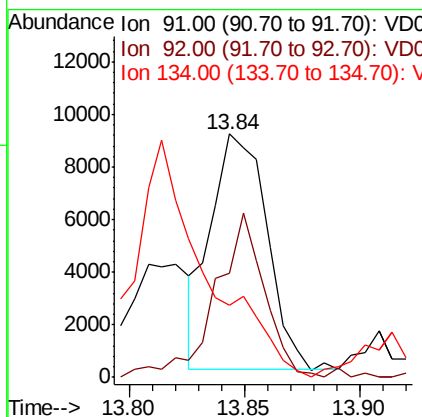
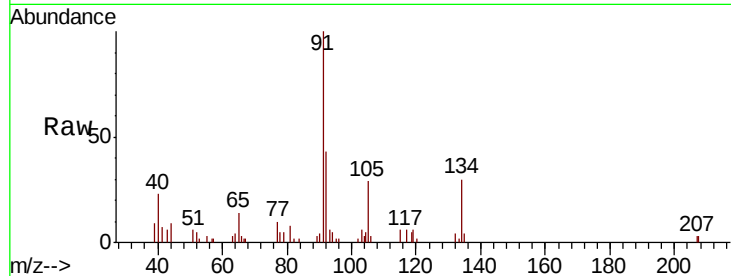




#89
n-Butylbenzene
Concen: 14.674 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

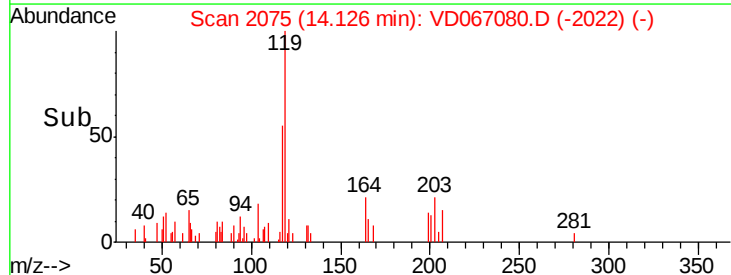
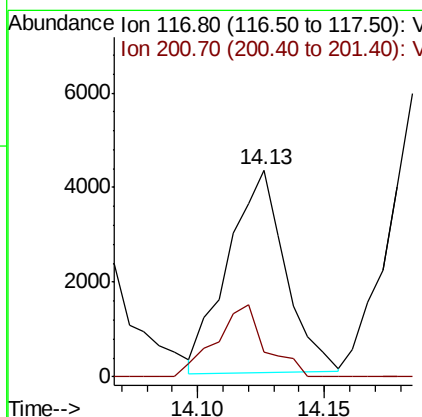
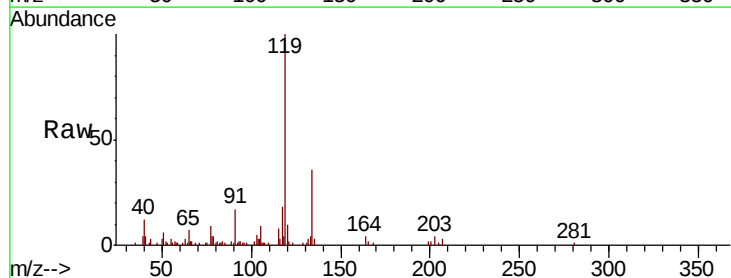
Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

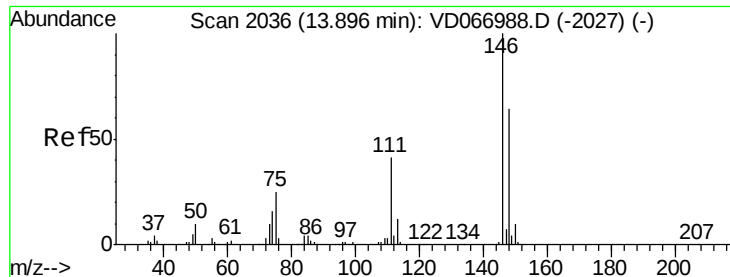
Tot Ion: 91 Resp: 15076
Ion Ratio Lower Upper
91 100
92 61.2 27.1 81.2
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 34.167 ug/l
RT: 14.13 min Scan# 2075
Delta R.T. 0.01 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion: 117 Resp: 6728
Ion Ratio Lower Upper
117 100
201 30.7 37.0 110.9#

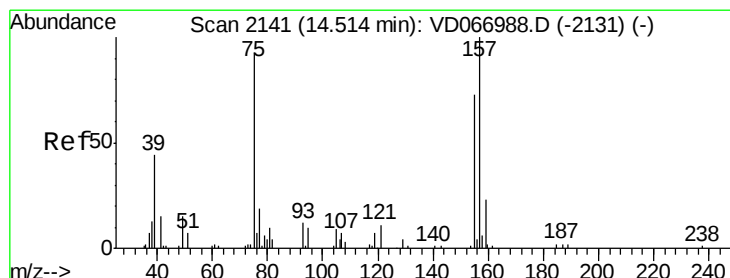
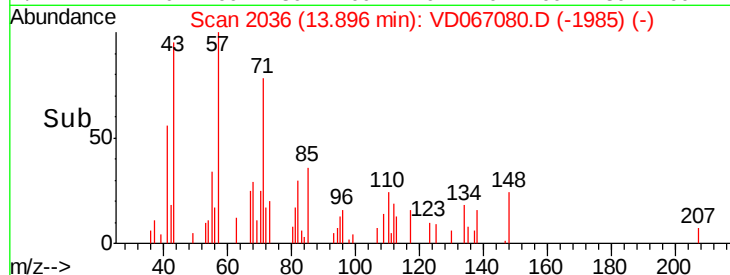
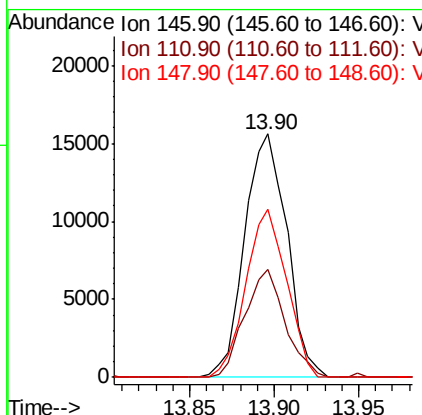
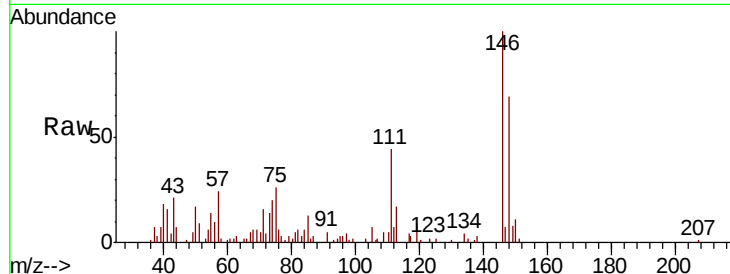




#91
 1,2-Dichlorobenzene
 Concen: 54.484 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

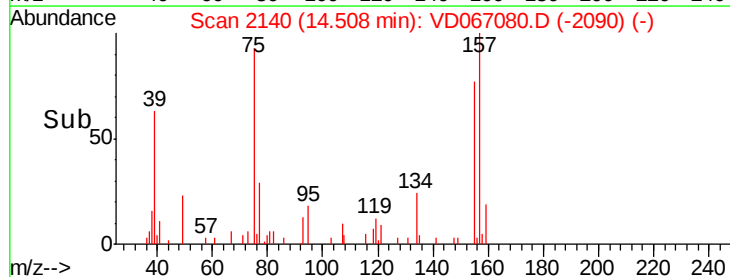
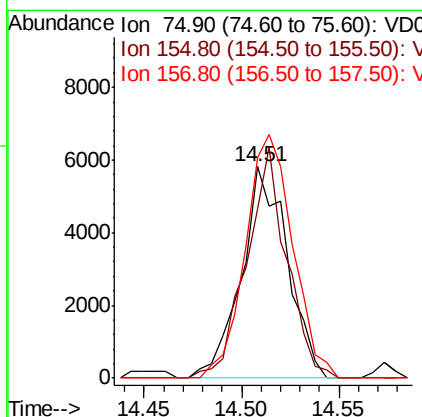
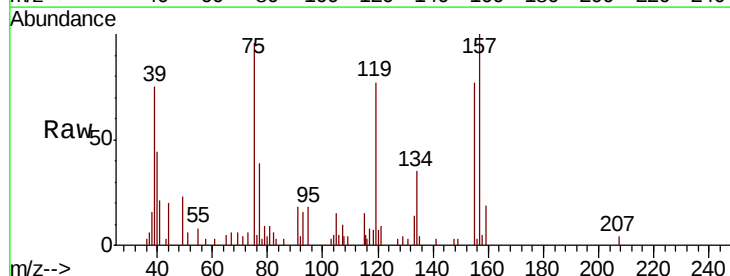
Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(0-1)MS

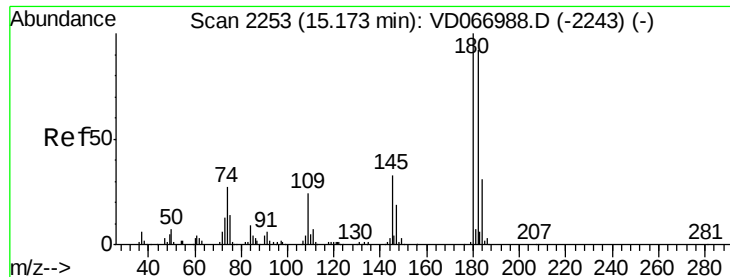
Tot Ion:146 Resp: 27084
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.9 62.7
 148 66.7 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 288.694 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Tgt Ion: 75 Resp: 9489
 Ion Ratio Lower Upper
 75 100
 155 95.4 45.2 135.6
 157 119.1 56.3 168.8

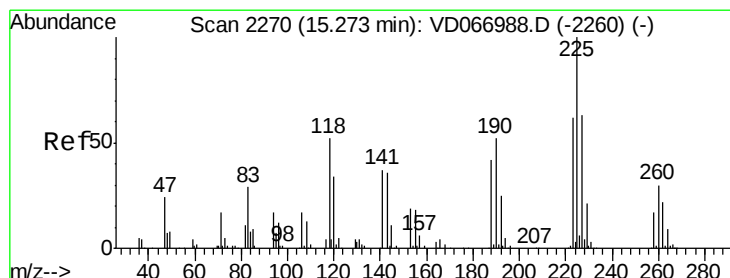
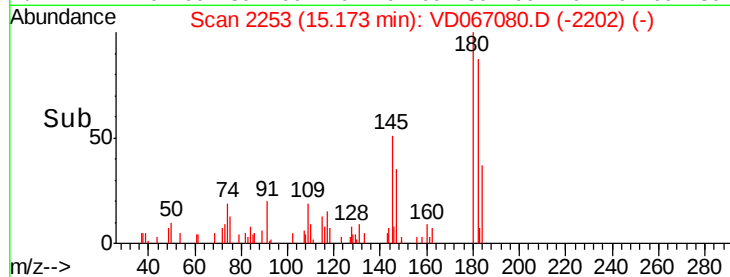
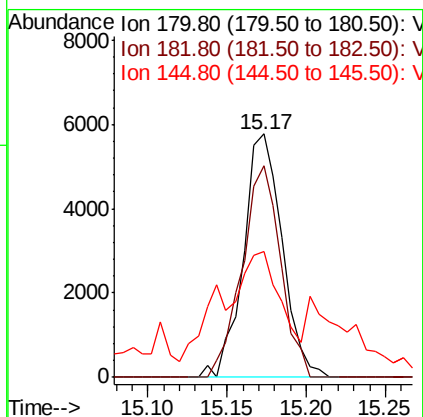
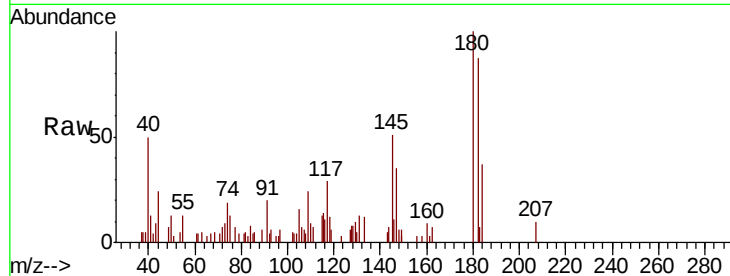




#93
 1,2,4-Trichlorobenzene
 Concen: 30.497 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

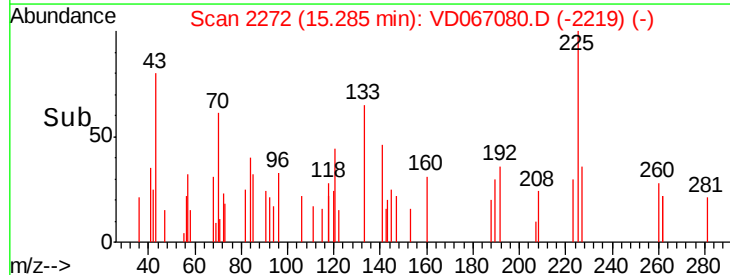
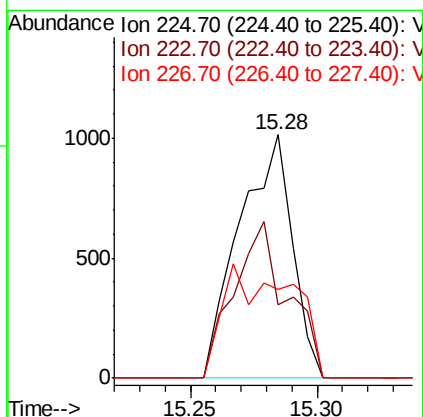
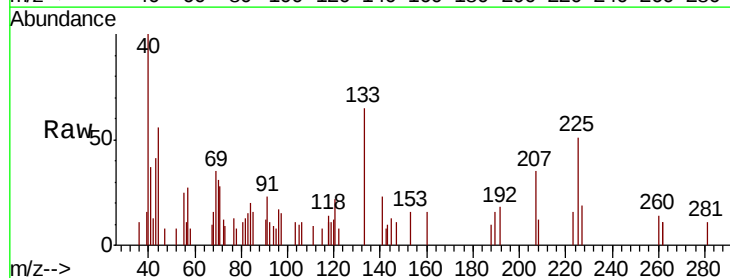
Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(0-1)MS

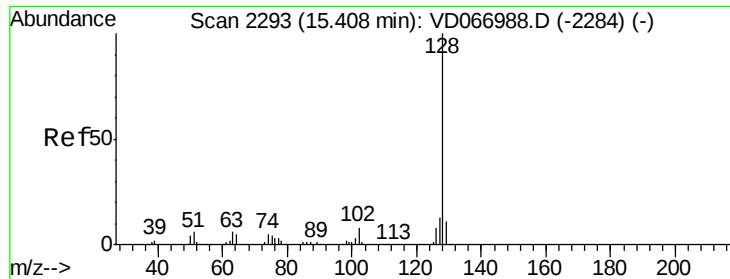
Tot Ion:180 Resp: 9806
 Ion Ratio Lower Upper
 180 100
 182 86.3 47.3 142.0
 145 58.3 16.4 49.1#



#94
 Hexachlorobutadiene
 Concen: 7.480 ug/l
 RT: 15.28 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Tgt Ion:225 Resp: 1477
 Ion Ratio Lower Upper
 225 100
 223 64.6 32.4 97.0
 227 24.7 31.6 95.0#

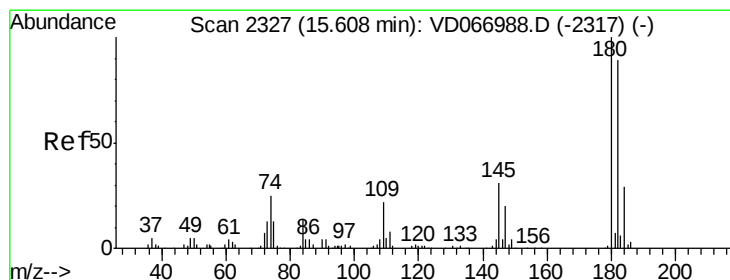
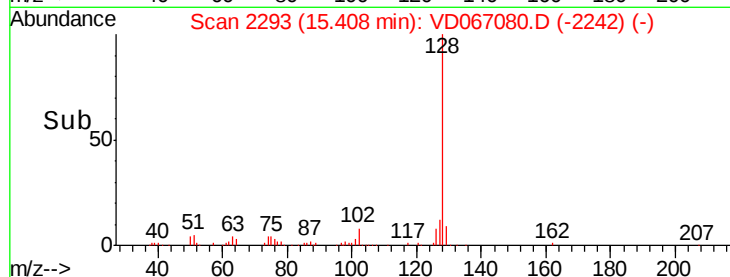
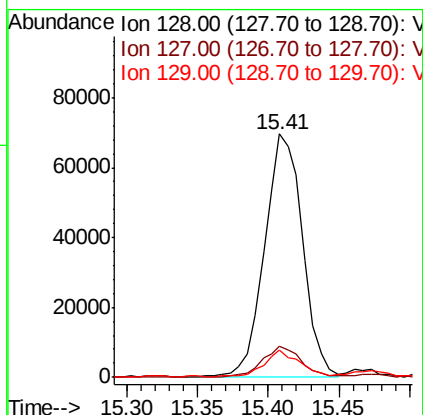
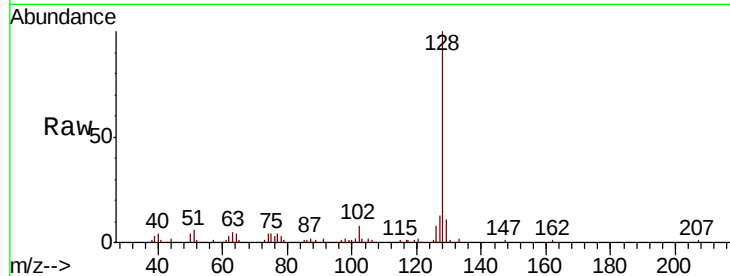




#95
Naphthalene
Concen: 242.223 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

Tot Ion:128 Resp: 129908
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 33.386 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion:180 Resp: 9319
Ion Ratio Lower Upper
180 100
182 88.2 46.4 139.1
145 78.6 16.6 49.7#

