

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067034.D
 Acq On : 02 Oct 2020 14:37
 Operator : VA/SY
 Sample : L4213-02MS
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-15(3-4)MS

Quant Time: Oct 03 04:48:15 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	268372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	427730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	387722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	172291	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	168926	65.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.70%	
35) Dibromofluoromethane	7.91	113	165639	59.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.30%	
50) Toluene-d8	10.34	98	567047	55.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.14%	
62) 4-Bromofluorobenzene	12.63	95	182076	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	115984	54.090	ug/l	93
3) Chloromethane	2.21	50	103748	48.542	ug/l	98
4) Vinyl Chloride	2.35	62	99562	46.458	ug/l	100
5) Bromomethane	2.77	94	79301	58.111	ug/l	98
6) Chloroethane	2.93	64	64040	49.069	ug/l	95
7) Trichlorofluoromethane	3.28	101	229625	48.228	ug/l	98
8) Diethyl Ether	3.71	74	74444	63.051	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.10	101	129483	48.114	ug/l	100
10) Methyl Iodide	4.30	142	132044	50.497	ug/l	99
11) Tert butyl alcohol	5.21	59	43693	297.681	ug/l	100
12) 1,1-Dichloroethene	4.07	96	119896	47.392	ug/l	97
13) Acrolein	3.93	56	49605	286.589	ug/l	100
14) Allyl chloride	4.71	41	169356	51.530	ug/l	99
15) Acrylonitrile	5.43	53	154715	356.036	ug/l	97
16) Acetone	4.16	43	149632	379.205	ug/l	98
17) Carbon Disulfide	4.41	76	339795	43.765	ug/l	100
18) Methyl Acetate	4.72	43	86030	86.746	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	314230	68.040	ug/l	95
20) Methylene Chloride	4.97	84	171237	63.052	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	140622	48.842	ug/l	96
22) Diisopropyl ether	6.37	45	375350	62.558	ug/l	93
23) Vinyl Acetate	6.31	43	999161	293.871	ug/l	98
24) 1,1-Dichloroethane	6.27	63	252398	54.508	ug/l	97
25) 2-Butanone	7.21	43	190420	340.374	ug/l	99
26) 2,2-Dichloropropane	7.21	77	210438	53.430	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	166501	54.149	ug/l	98
28) Bromochloromethane	7.54	49	115065	64.345	ug/l	97
29) Tetrahydrofuran	7.56	42	116276	361.471	ug/l	96
30) Chloroform	7.71	83	281284	55.998	ug/l	98
31) Cyclohexane	7.98	56	164620	42.405	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	238299	51.189	ug/l	97
36) 1,1-Dichloropropene	8.11	75	181039	45.408	ug/l	98
37) Ethyl Acetate	7.29	43	90736	65.695	ug/l	98
38) Carbon Tetrachloride	8.10	117	213275	49.440	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	160288	38.027	ug/l	95
40) Benzene	8.35	78	579647	52.344	ug/l	99
41) Methacrylonitrile	7.53	41	52984	71.008	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	188132	60.798	ug/l	100
43) Isopropyl Acetate	8.45	43	171232	67.297	ug/l	100
44) Trichloroethene	9.11	130	158118	47.817	ug/l	98
45) 1,2-Dichloropropane	9.38	63	150814	57.962	ug/l	97
46) Dibromomethane	9.47	93	93294	62.385	ug/l	98
47) Bromodichloromethane	9.66	83	229141	58.945	ug/l	99
48) Methyl methacrylate	9.46	41	88548	67.929	ug/l	90
49) 1,4-Dioxane	9.46	88	21837	1399.098	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	455739	359.593	ug/l	100
52) Toluene	10.40	92	374115	52.445	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	205249	59.077	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	243918	57.494	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	131928	63.453	ug/l	99
56) Ethyl methacrylate	10.66	69	149978	69.868	ug/l	99
57) 1,3-Dichloropropane	10.94	76	216291	64.151	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	434199	363.419	ug/l	99
59) 2-Hexanone	10.98	43	308373	364.551	ug/l	98
60) Dibromochloromethane	11.14	129	170117	61.388	ug/l	94
61) 1,2-Dibromoethane	11.24	107	130704	65.434	ug/l	99
64) Tetrachloroethene	10.87	164	137129	48.649	ug/l	91
65) Chlorobenzene	11.67	112	387313	50.227	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	168200	57.342	ug/l	99
67) Ethyl Benzene	11.74	91	653424	49.455	ug/l	98
68) m/p-Xylenes	11.86	106	518641	100.724	ug/l	99
69) o-Xylene	12.18	106	242493	52.663	ug/l	97
70) Styrene	12.20	104	414756	52.456	ug/l	99
71) Bromoform	12.36	173	97186	63.828	ug/l #	97
73) Isopropylbenzene	12.48	105	602688	51.517	ug/l	99
74) N-amyl acetate	12.29	43	141422	67.246	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	139456	70.751	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	167544	111.643	ug/l #	100
77) Bromobenzene	12.77	156	163514	57.885	ug/l	99
78) n-propylbenzene	12.82	91	659398	47.693	ug/l	99
79) 2-Chlorotoluene	12.91	91	412319	52.123	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	511229	51.722	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	41015	68.138	ug/l	96
82) 4-Chlorotoluene	13.01	91	411924	48.943	ug/l	99
83) tert-Butylbenzene	13.23	119	419638	50.417	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	517419	52.455	ug/l	99
85) sec-Butylbenzene	13.41	105	510172	43.525	ug/l	99
86) p-Isopropyltoluene	13.52	119	467545	43.024	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	261140	47.460	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	264025	47.990	ug/l	99
89) n-Butylbenzene	13.85	91	351460	35.388	ug/l	99
90) Hexachloroethane	14.11	117	90963	47.786	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	247849	51.578	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	21417	67.405	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

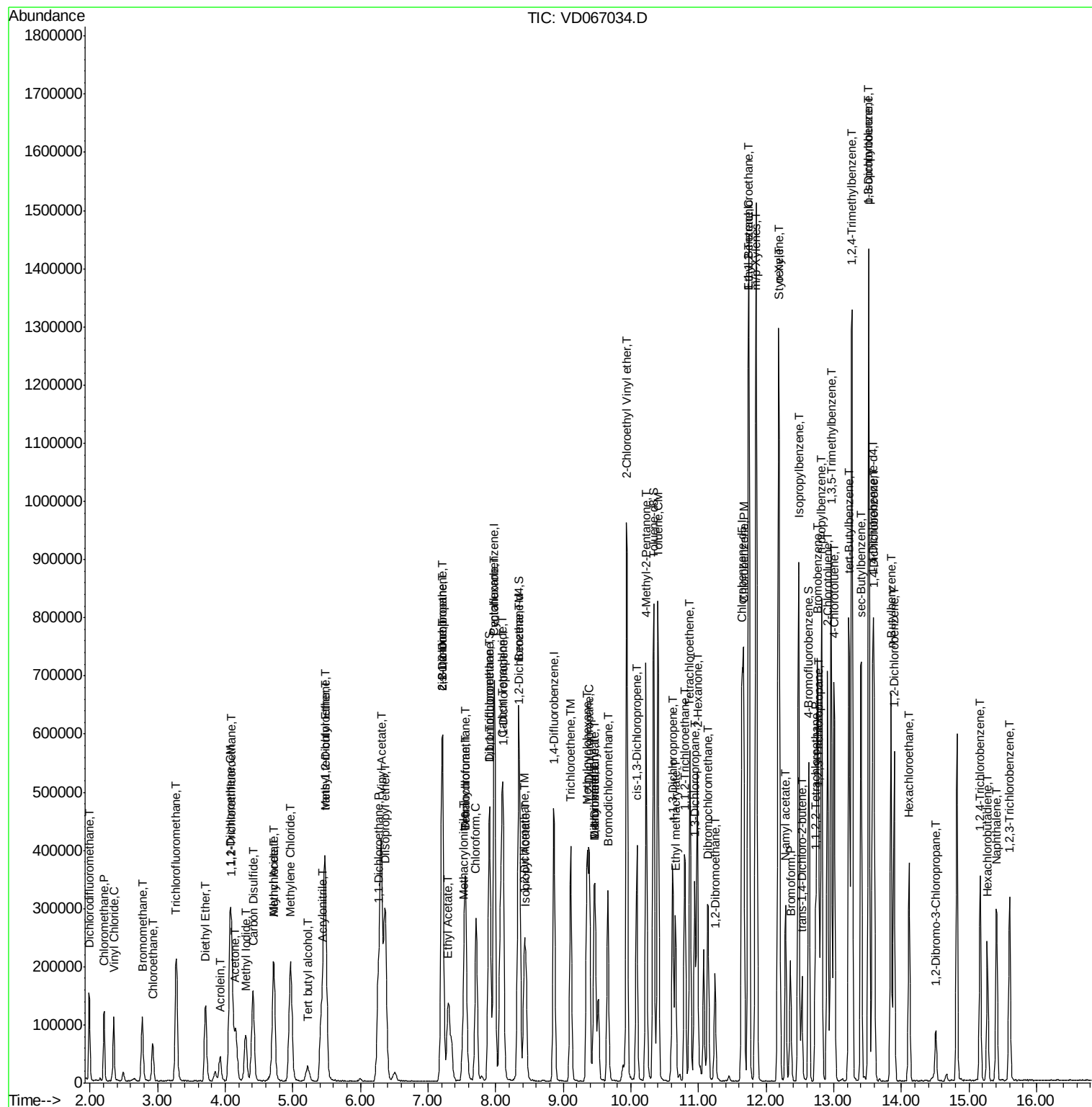
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	120539	38.780	ug/l	94
94) Hexachlorobutadiene	15.28	225	46569	24.396	ug/l	98
95) Naphthalene	15.41	128	278274	53.675	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	110357	40.900	ug/l	99

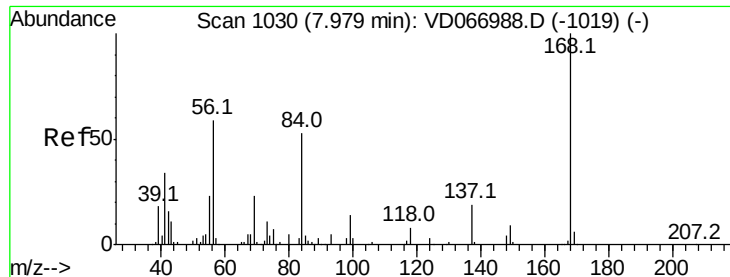
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

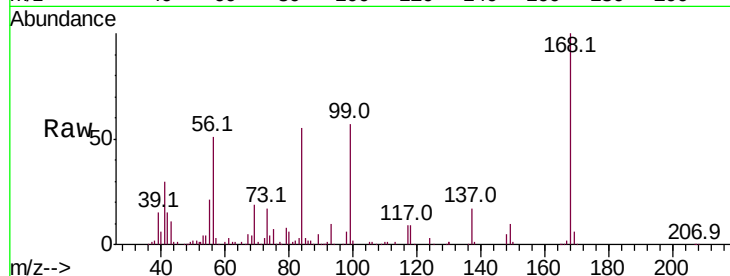
B-15(3-4)MS

Tot Ion:168 Resp: 268372

Ion Ratio Lower Upper

168 100

99 56.4 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

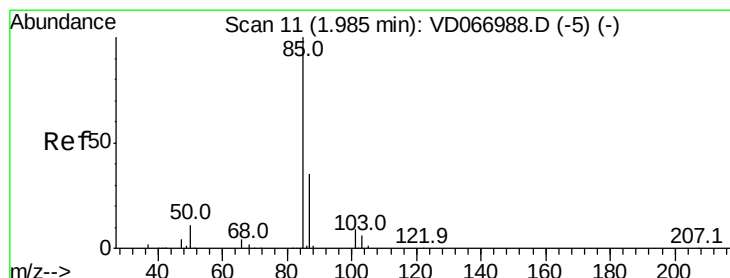
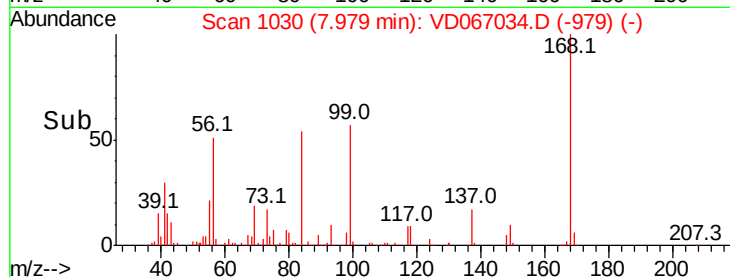
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 54.090 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD067034.D

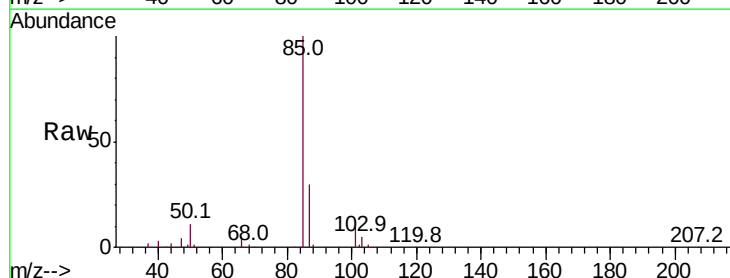
Acq: 02 Oct 2020 14:37

Tgt Ion: 85 Resp: 115984

Ion Ratio Lower Upper

85 100

87 30.4 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.98

100000

80000

60000

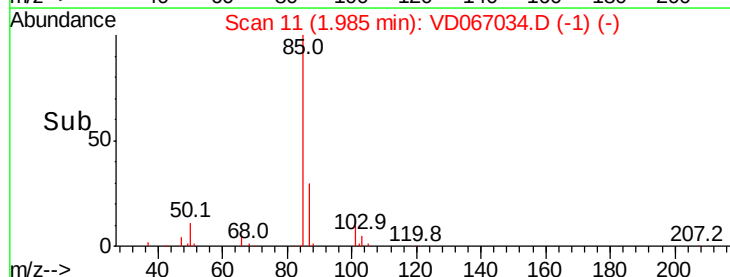
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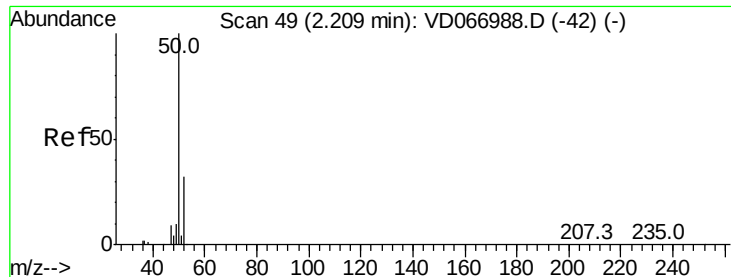
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Time-->

1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 48.542 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

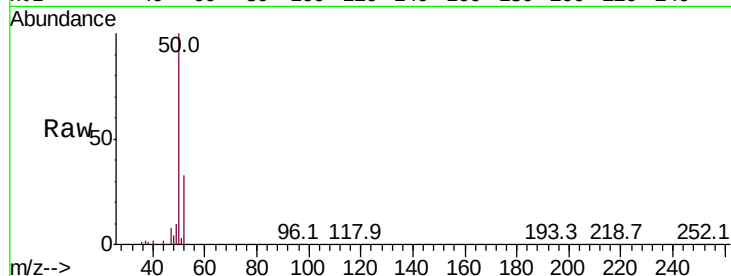
B-15(3-4)MS

Tot Ion: 50 Resp: 103748

Ion Ratio Lower Upper

50 100

52 32.7 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

80000

60000

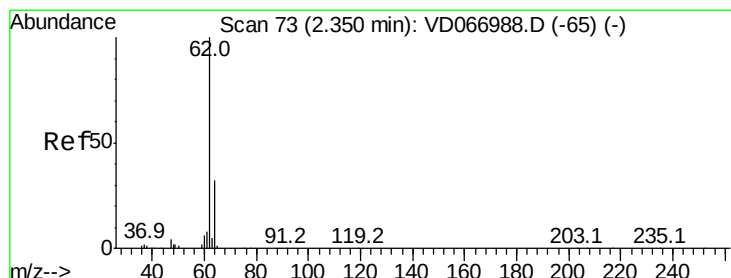
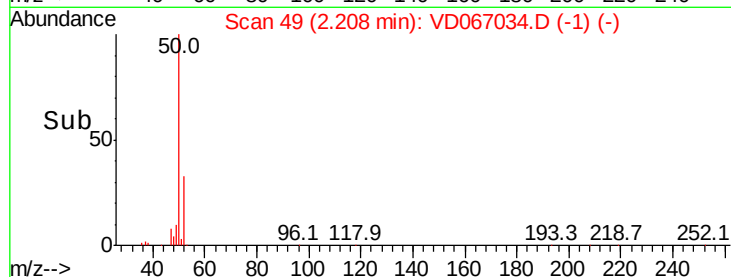
40000

20000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 46.458 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067034.D

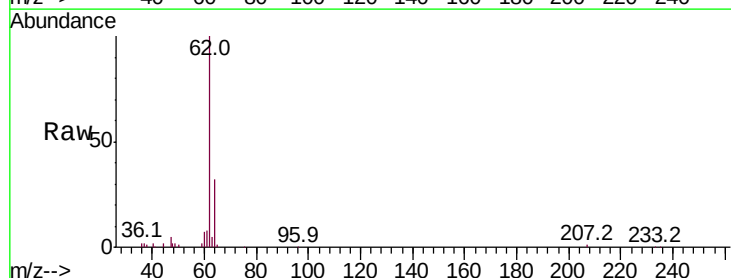
Acq: 02 Oct 2020 14:37

Tgt Ion: 62 Resp: 99562

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

60000

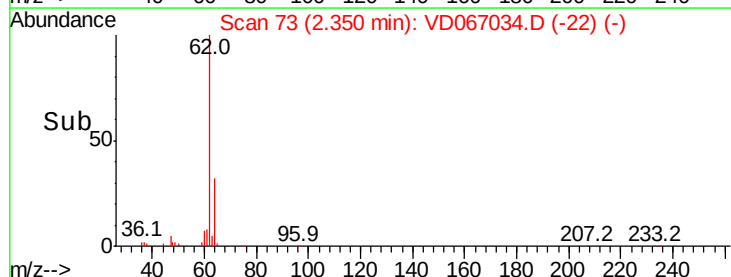
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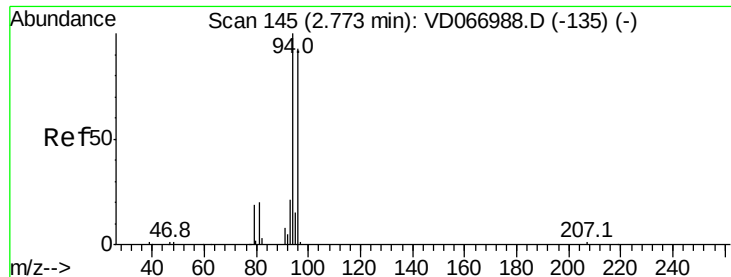
20000

0

Time-->

2.25 2.30 2.35 2.40 2.45





#5

Bromomethane

Concen: 58.111 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

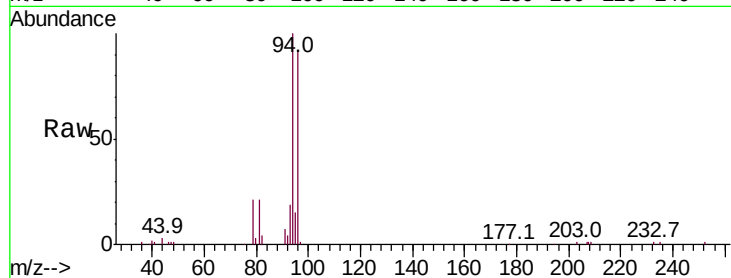
B-15(3-4)MS

Tot Ion: 94 Resp: 79301

Ion Ratio Lower Upper

94 100

96 91.3 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

40000

30000

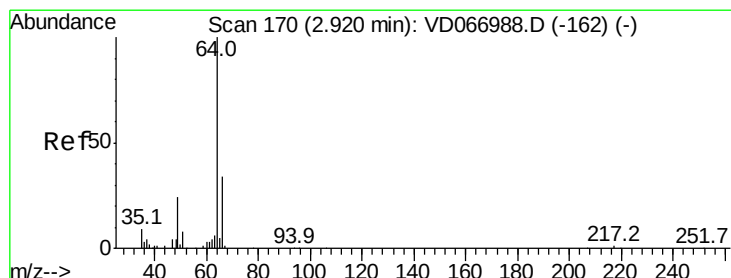
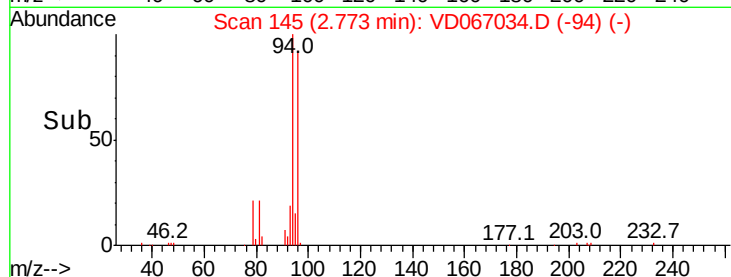
20000

10000

0

Time-->

2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 49.069 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067034.D

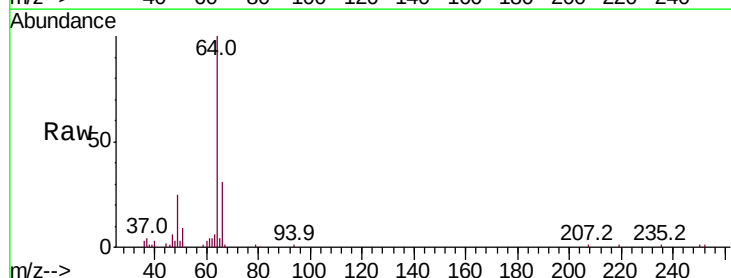
Acq: 02 Oct 2020 14:37

Tgt Ion: 64 Resp: 64040

Ion Ratio Lower Upper

64 100

66 30.9 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

30000

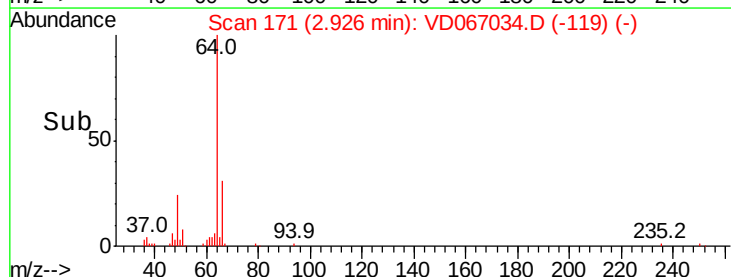
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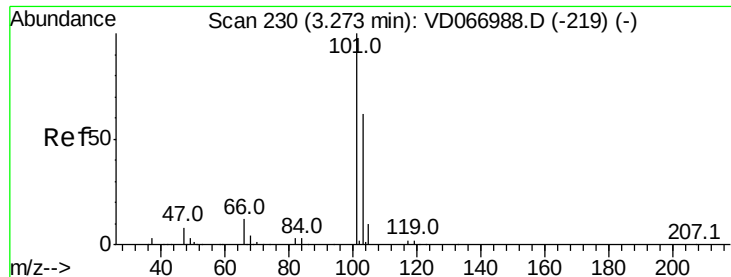
10000

0

Time-->

2.85 2.90 2.95 3.00



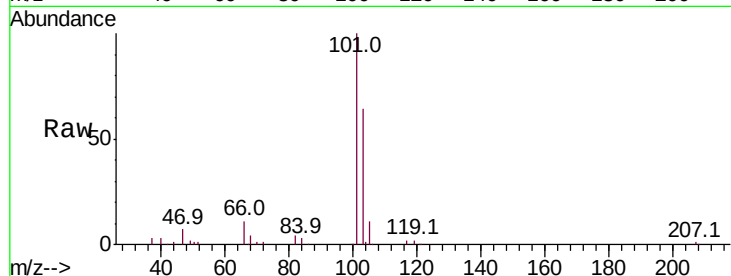


#7

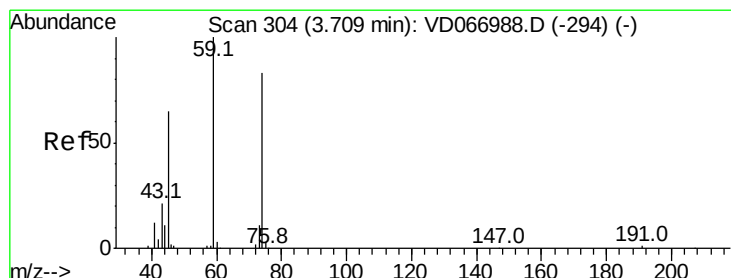
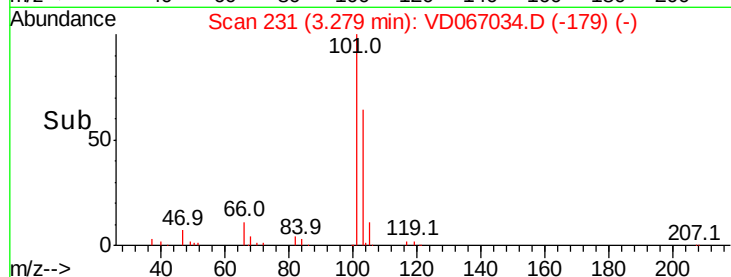
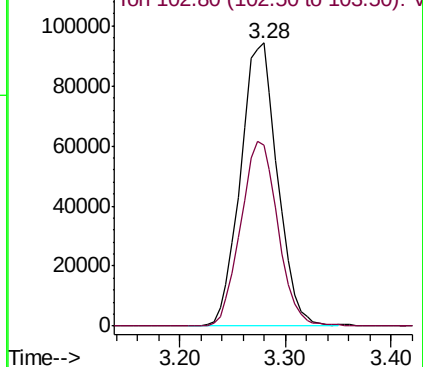
Trichlorofluoromethane
 Concen: 48.228 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD067034.D
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Tot Ion:101 Resp: 229625
 Ion Ratio Lower Upper
 101 100
 103 63.9 49.8 74.8



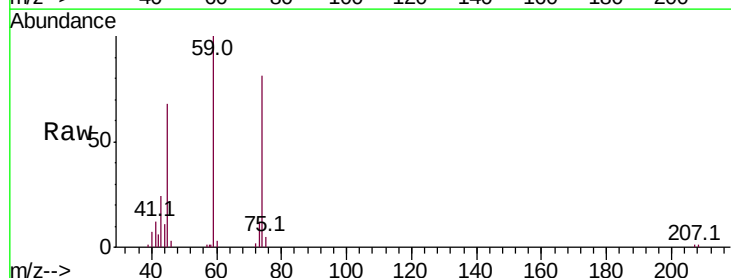
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



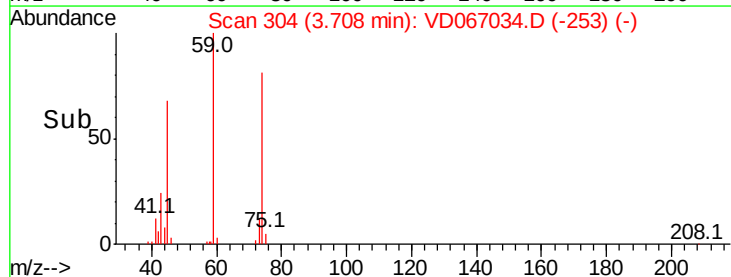
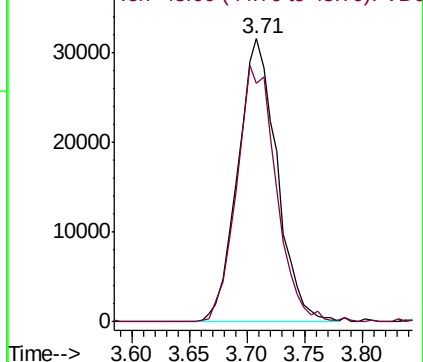
#8

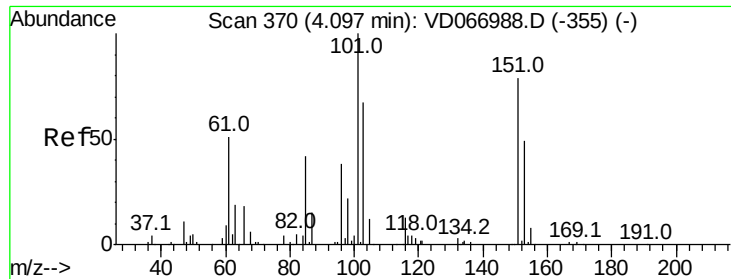
Diethyl Ether
 Concen: 63.051 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD067034.D
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Tgt Ion: 74 Resp: 74444
 Ion Ratio Lower Upper
 74 100
 45 91.3 43.1 129.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.114 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

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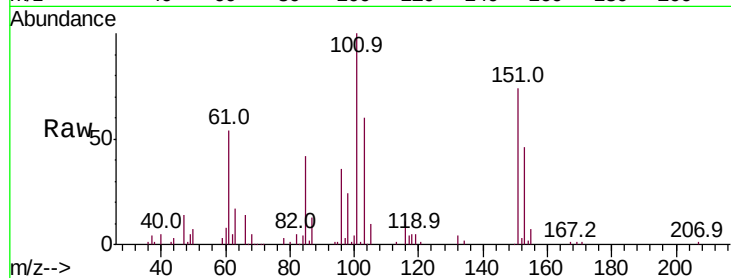
Tot Ion:101 Resp: 129483

Ion Ratio Lower Upper

101 100

85 42.1 33.8 50.8

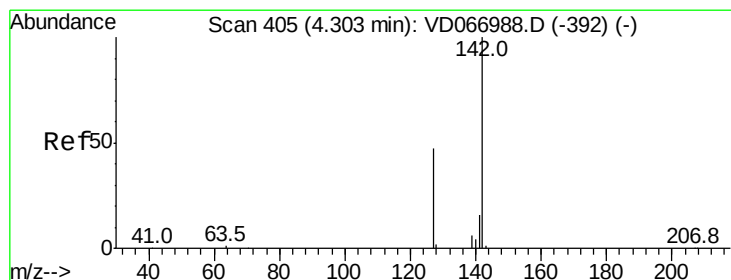
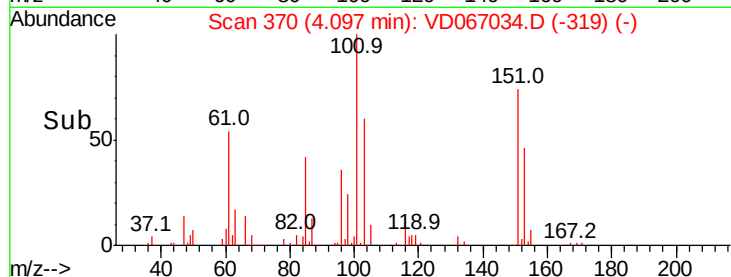
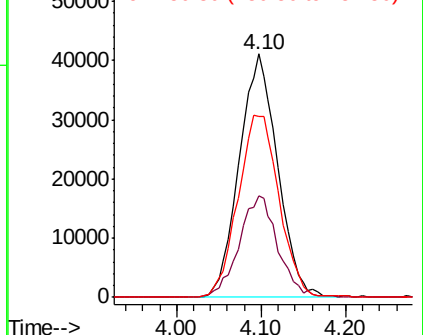
151 80.0 63.8 95.8



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: 50.497 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

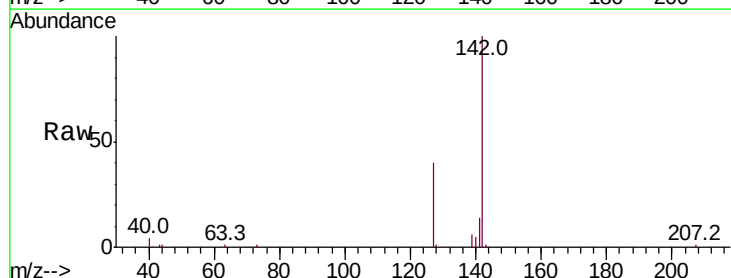
Tgt Ion:142 Resp: 132044

Ion Ratio Lower Upper

142 100

127 46.4 36.3 54.5

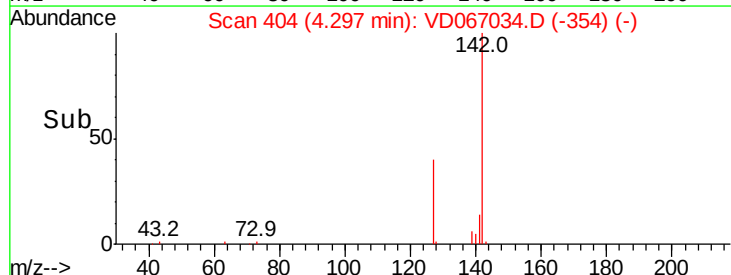
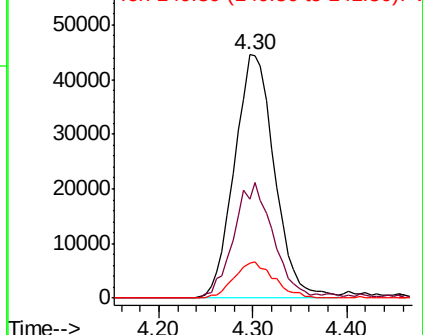
141 15.0 12.0 18.0

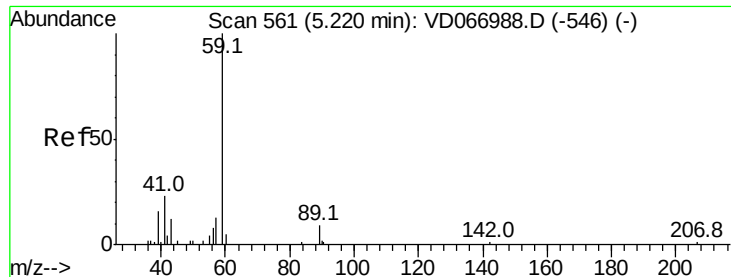


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 297.681 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

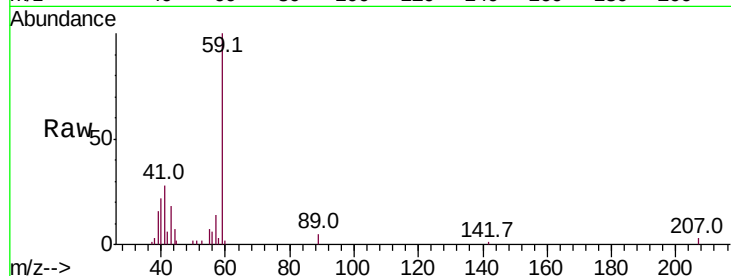
B-15(3-4)MS

Tot Ion: 59 Resp: 43693

Ion Ratio Lower Upper

59 100

57 10.4 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.21

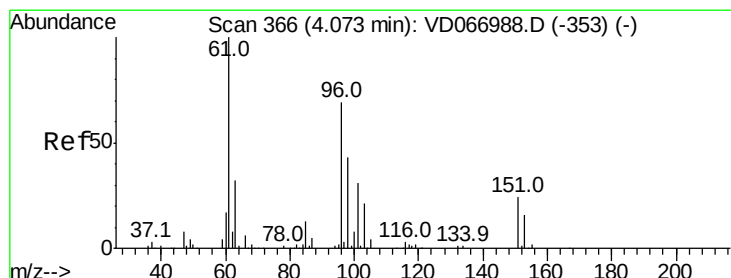
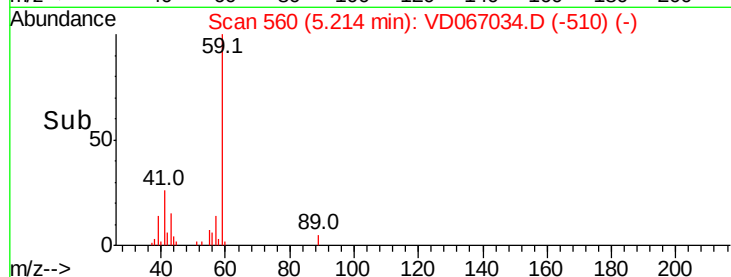
10000

5000

0

Time-->

5.10 5.20 5.30



#12

1,1-Dichloroethene

Concen: 47.392 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.01 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

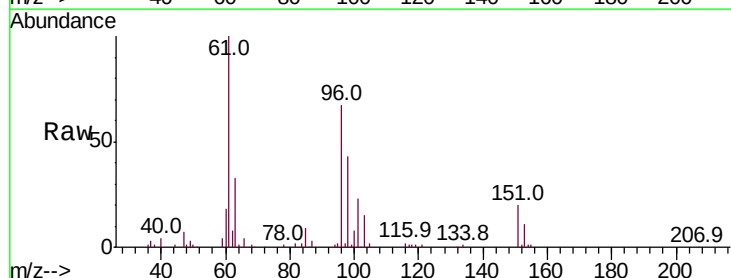
Tgt Ion: 96 Resp: 119896

Ion Ratio Lower Upper

96 100

61 149.2 116.4 174.6

98 64.1 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

80000

60000

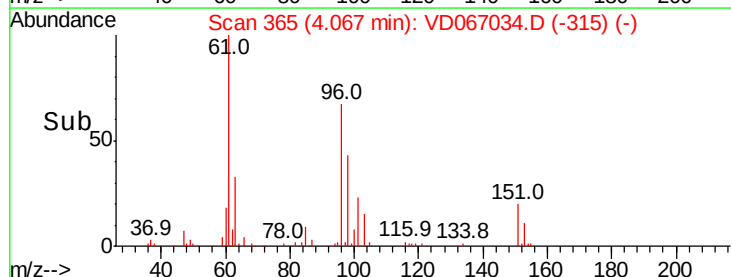
40000

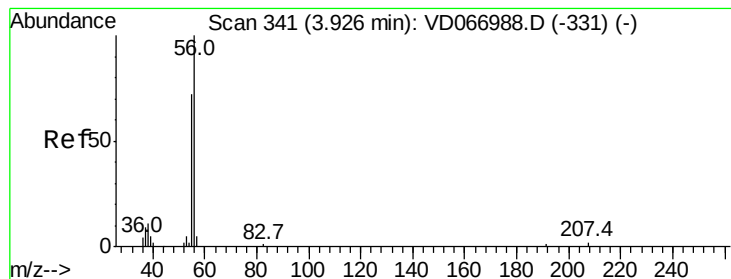
20000

0

Time-->

4.00 4.10 4.20





#13

Acrolein

Concen: 286.589 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

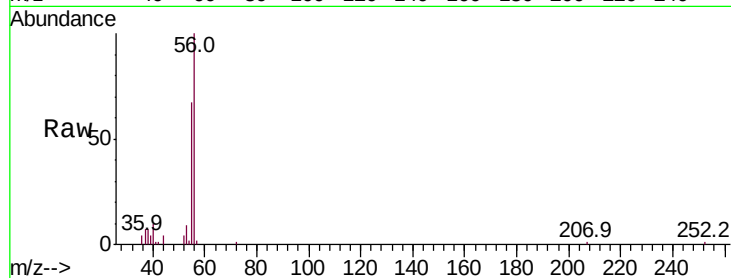
B-15(3-4)MS

Tot Ion: 56 Resp: 49605

Ion Ratio Lower Upper

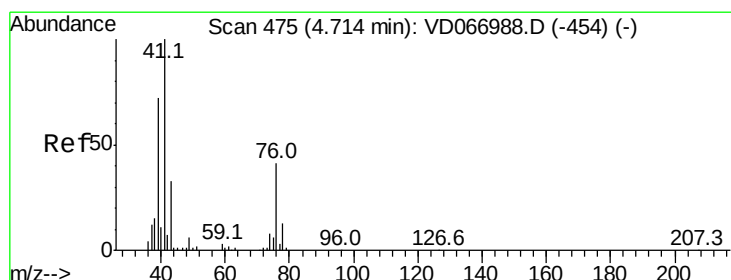
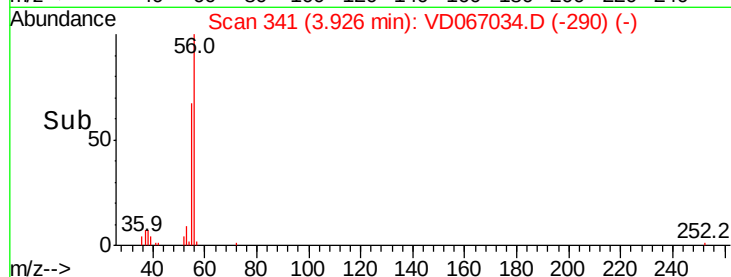
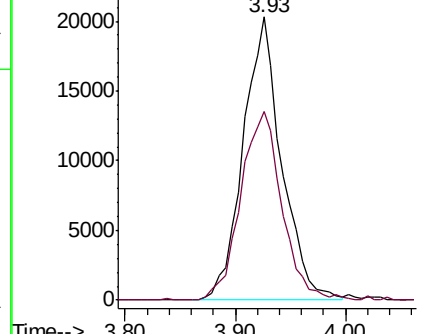
56 100

55 71.3 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 51.530 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

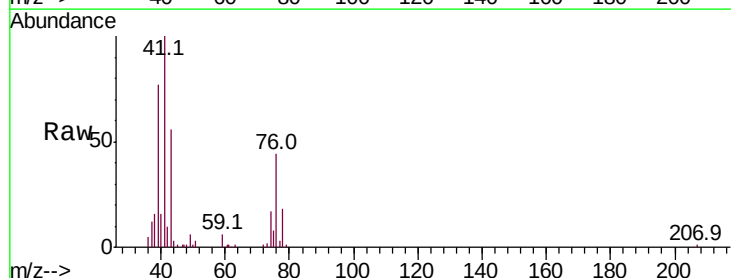
Tgt Ion: 41 Resp: 169356

Ion Ratio Lower Upper

41 100

39 69.5 56.2 84.2

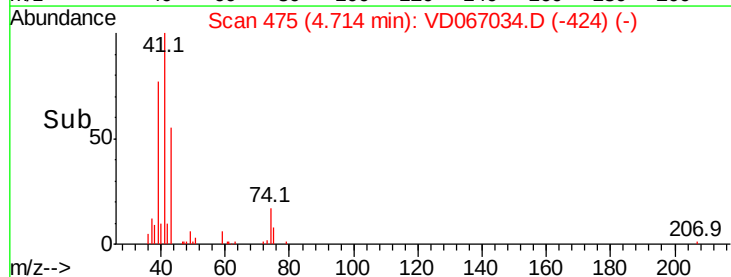
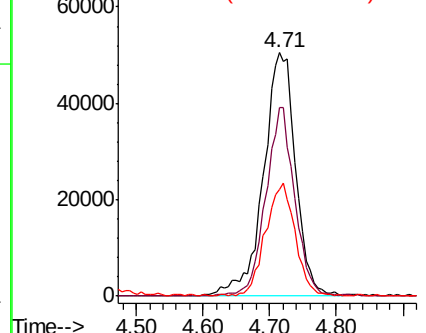
76 42.6 34.2 51.2

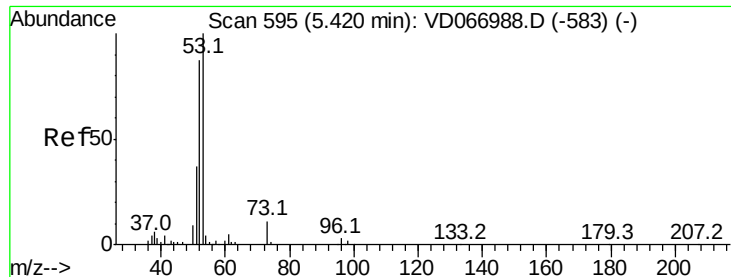


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 356.036 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

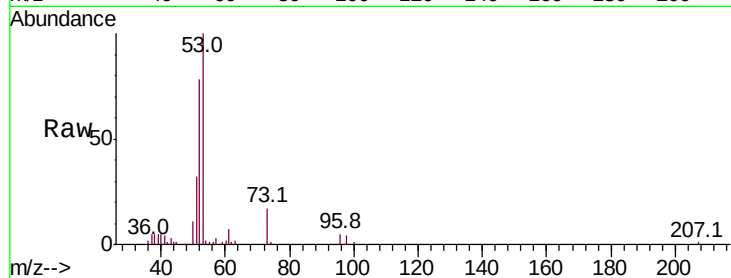
MSVOA_D

ClientSampleId :

B-15(3-4)MS

Tot Ion: 53 Resp: 154715

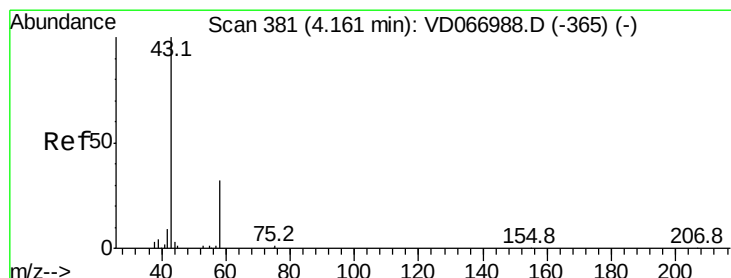
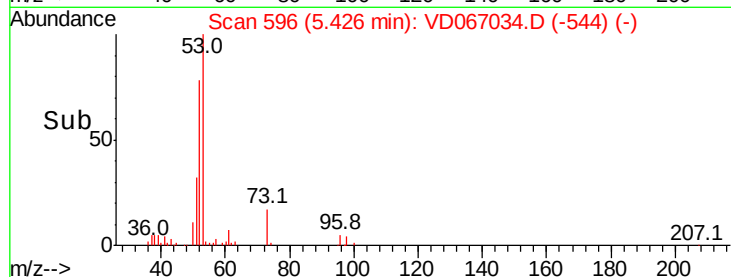
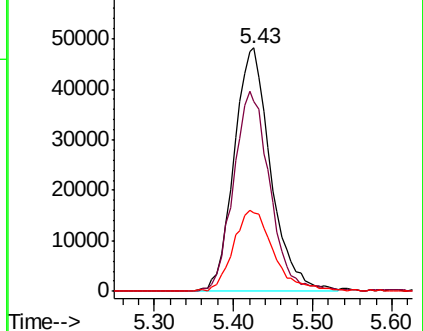
Ion	Ratio	Lower	Upper
53	100		
52	81.6	67.3	100.9
51	36.3	30.2	45.2



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: 379.205 ug/l

RT: 4.16 min Scan# 380

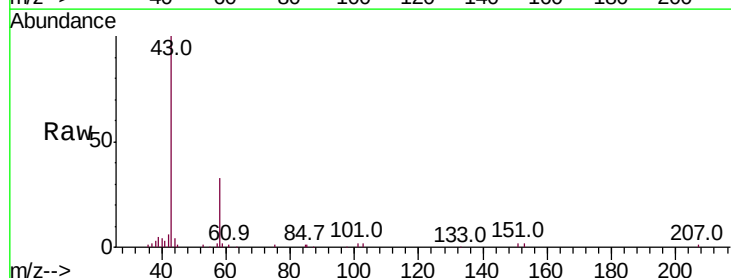
Delta R.T. -0.01 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

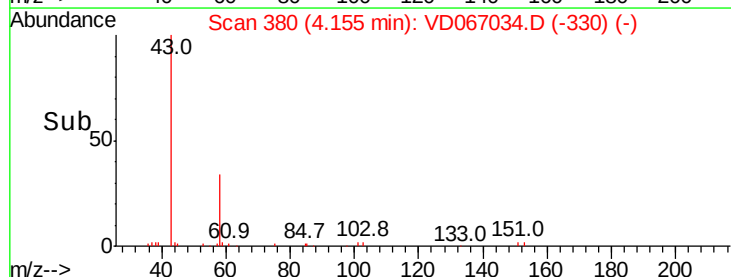
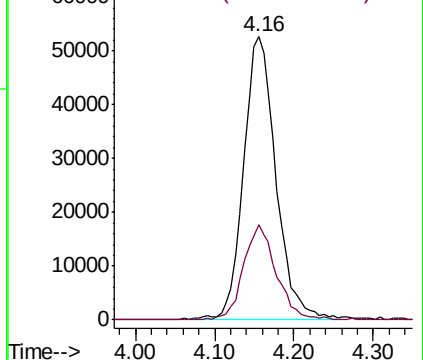
Tgt Ion: 43 Resp: 149632

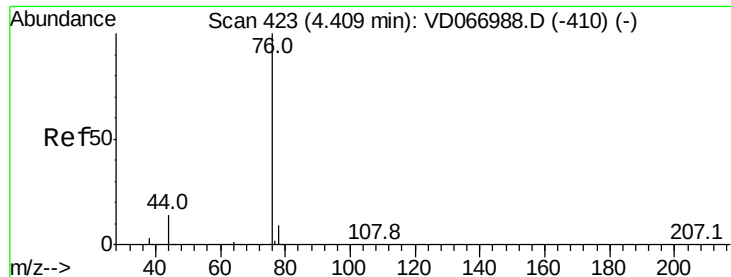
Ion	Ratio	Lower	Upper
43	100		
58	33.4	25.9	38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 43.765 ug/l

RT: 4.41 min Scan# 424

Delta R.T. 0.01 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

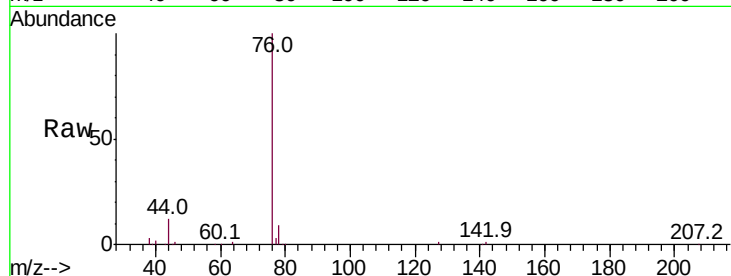
B-15(3-4)MS

Tot Ion: 76 Resp: 339795

Ion Ratio Lower Upper

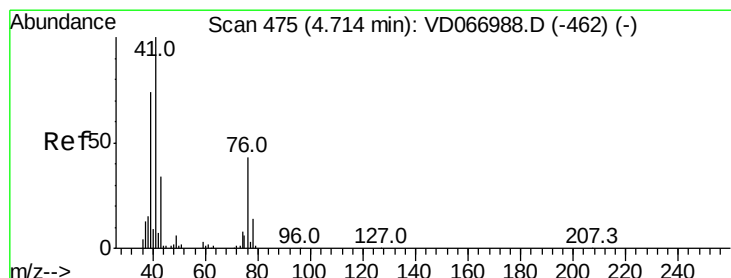
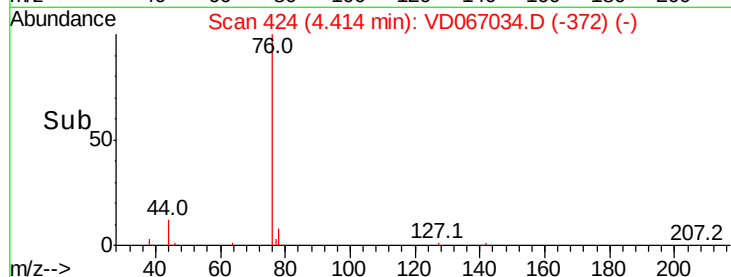
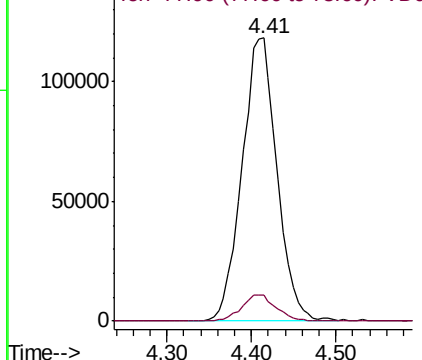
76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 86.746 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067034.D

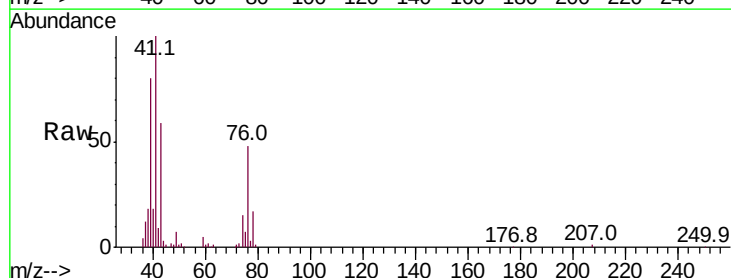
Acq: 02 Oct 2020 14:37

Tgt Ion: 43 Resp: 86030

Ion Ratio Lower Upper

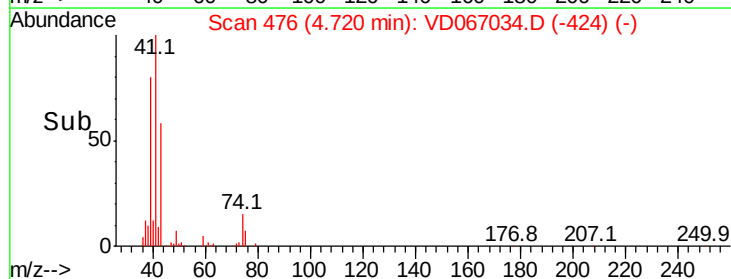
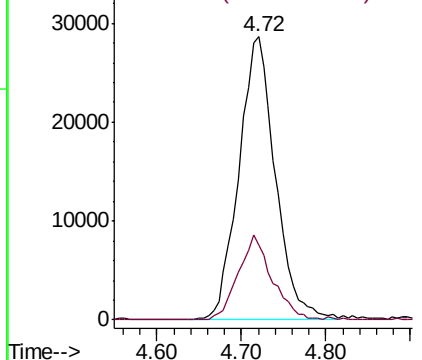
43 100

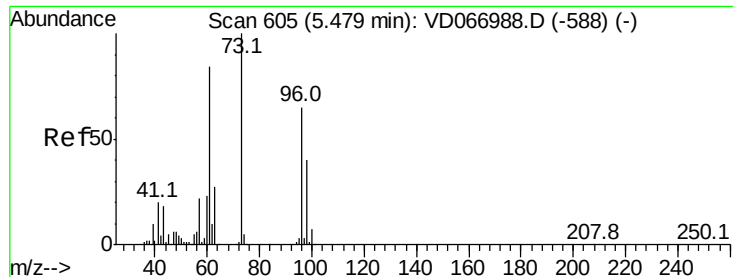
74 27.5 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





#19

Methyl tert-butyl Ether

Concen: 68.040 ug/l

RT: 5.48 min Scan# 605

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

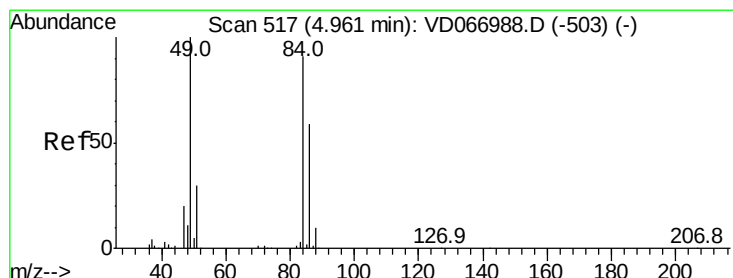
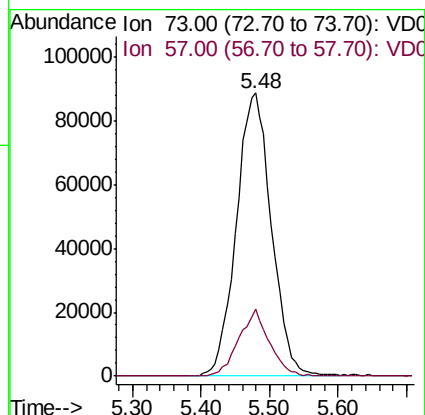
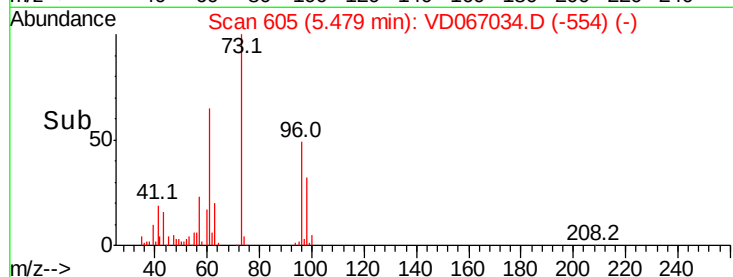
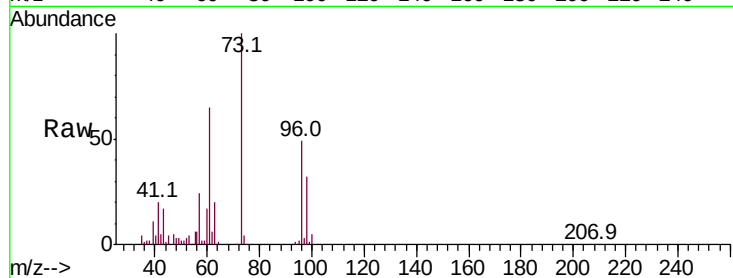
B-15(3-4)MS

Tot Ion: 73 Resp: 314230

Ion Ratio Lower Upper

73 100

57 23.9 17.4 26.0



#20

Methylene Chloride

Concen: 63.052 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Tgt Ion: 84 Resp: 171237

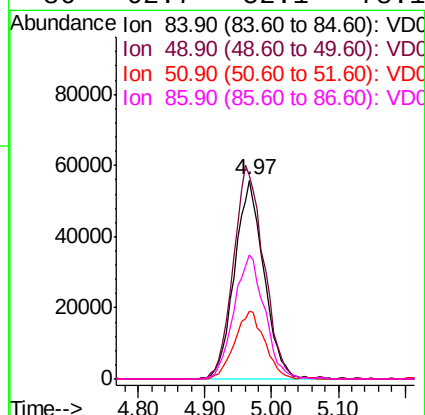
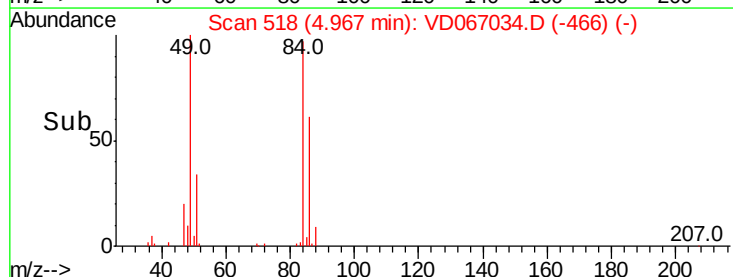
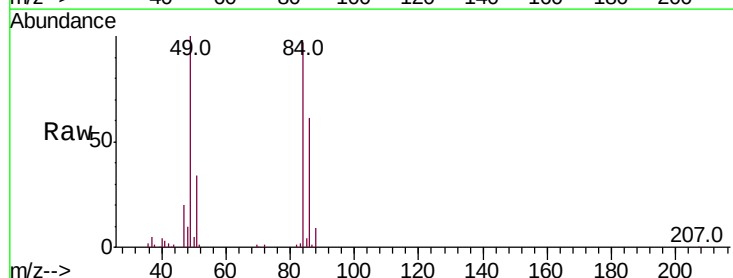
Ion Ratio Lower Upper

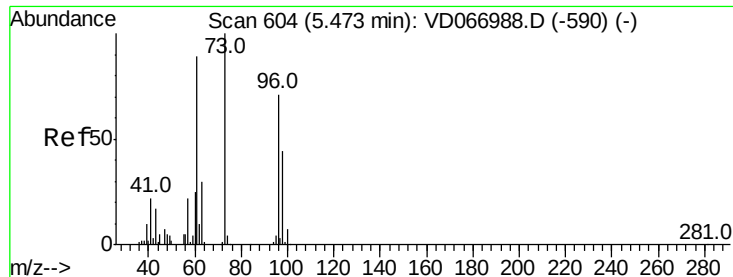
84 100

49 102.6 88.2 132.2

51 34.4 26.6 39.8

86 62.7 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 48.842 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

B-15(3-4)MS

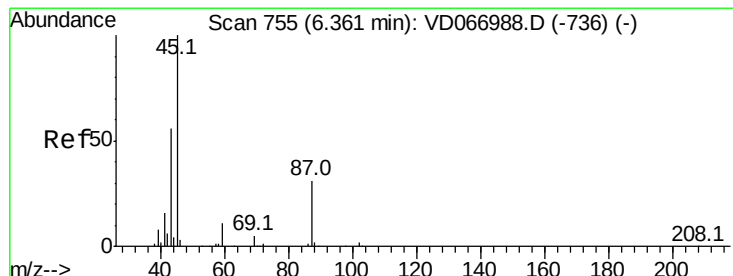
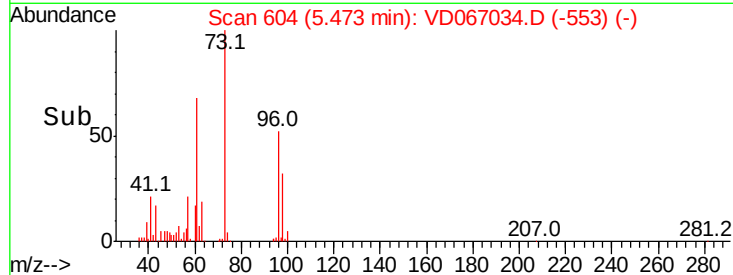
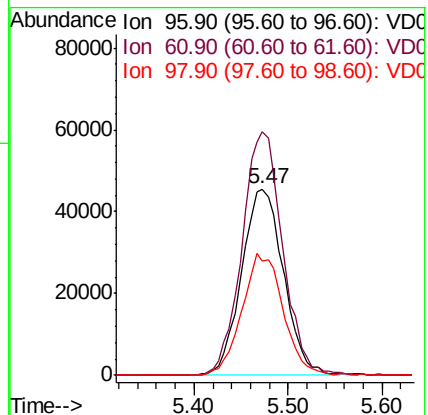
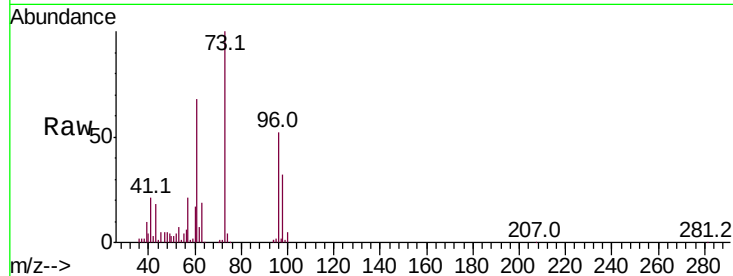
Tot Ion: 96 Resp: 140622

Ion Ratio Lower Upper

96 100

61 130.5 99.6 149.4

98 61.5 49.4 74.2



#22

Diisopropyl ether

Concen: 62.558 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Tgt Ion: 45 Resp: 375350

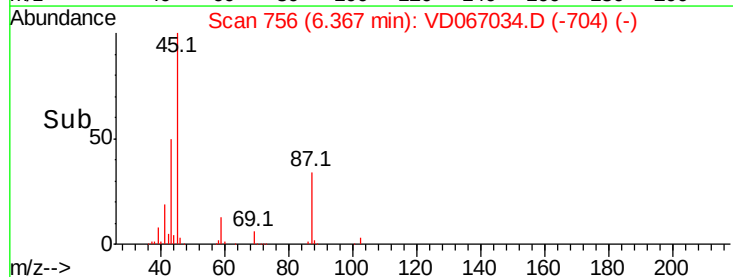
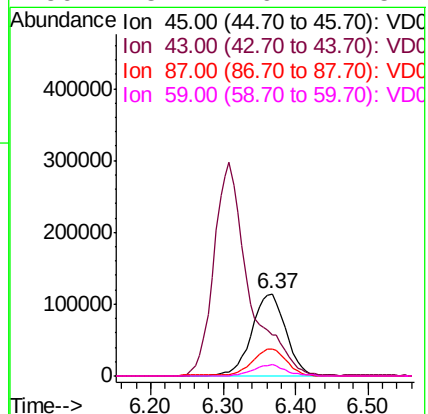
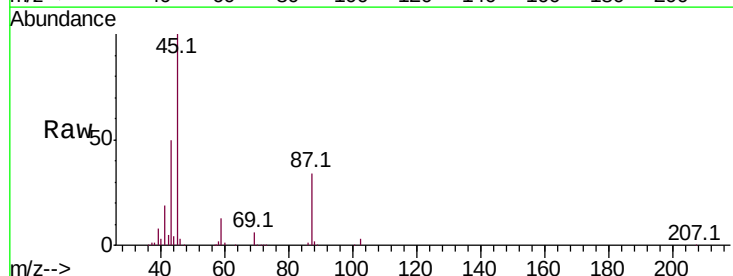
Ion Ratio Lower Upper

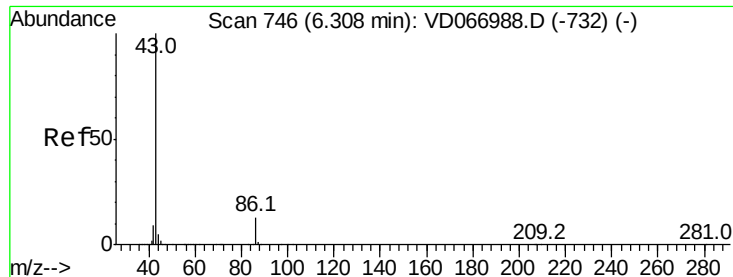
45 100

43 49.6 45.2 67.8

87 33.3 25.6 38.4

59 13.4 9.1 13.7





#23

Vinyl Acetate

Concen: 293.871 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

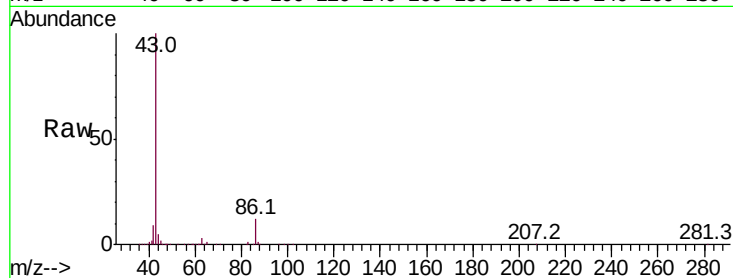
B-15(3-4)MS

Tot Ion: 43 Resp: 999161

Ion Ratio Lower Upper

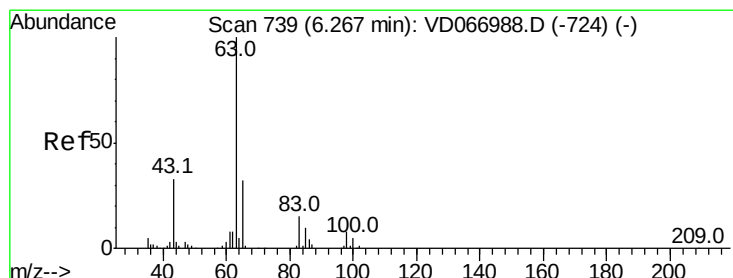
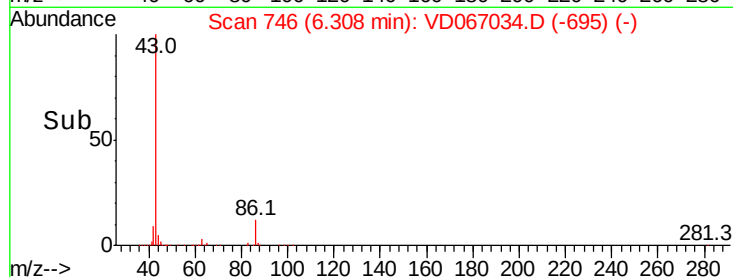
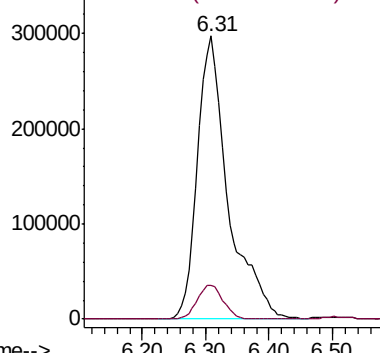
43 100

86 11.8 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: 54.508 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

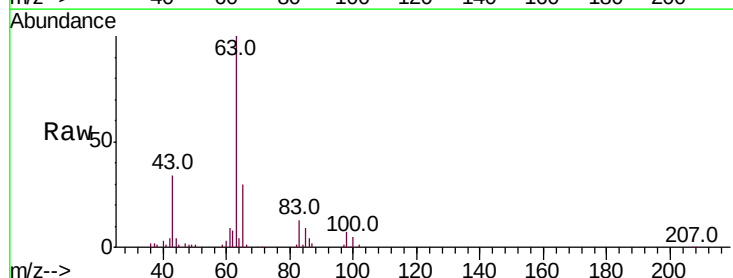
Tgt Ion: 63 Resp: 252398

Ion Ratio Lower Upper

63 100

98 7.0 4.2 12.6

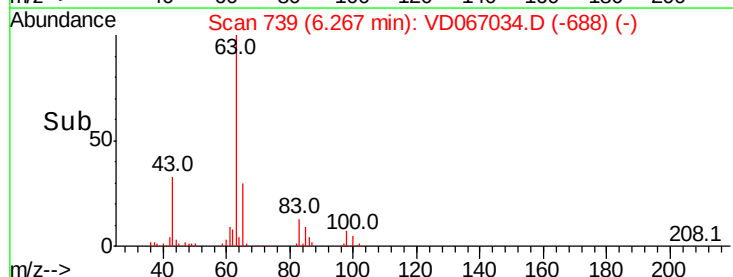
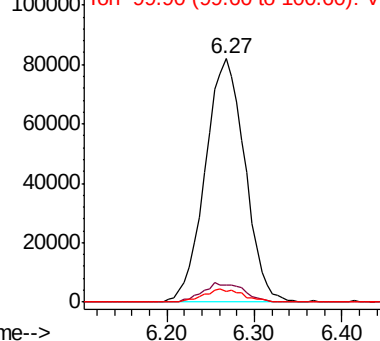
100 4.5 2.6 7.8

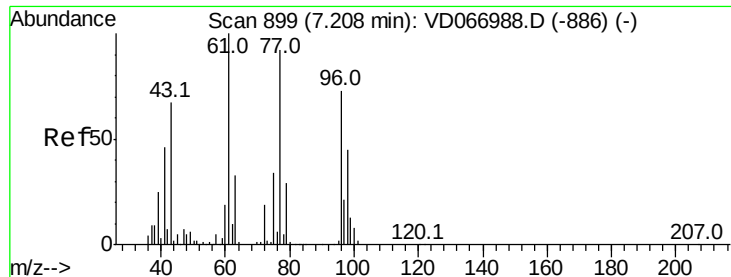


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 340.374 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

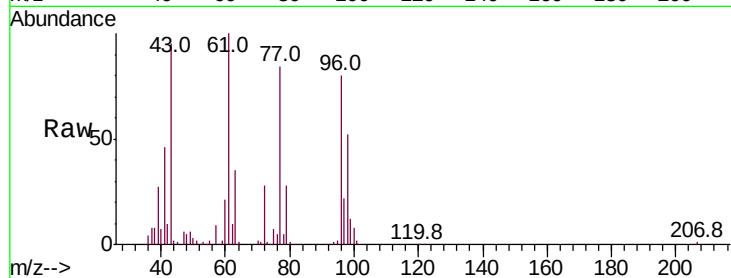
B-15(3-4)MS

Tot Ion: 43 Resp: 190420

Ion Ratio Lower Upper

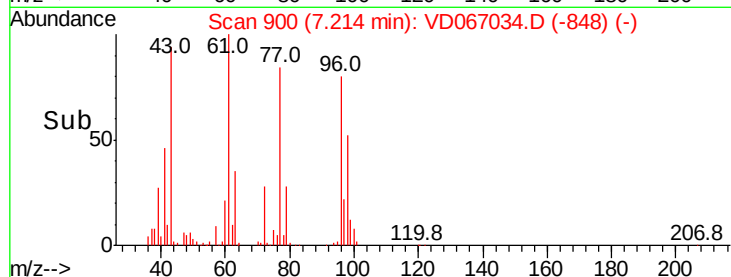
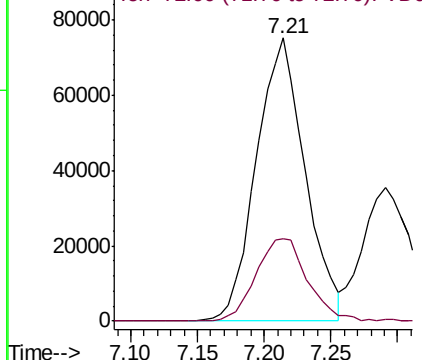
43 100

72 29.3 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 53.430 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067034.D

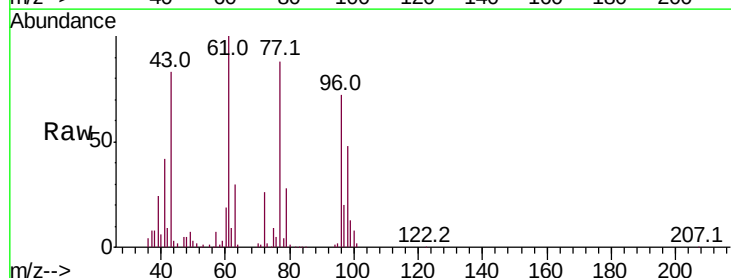
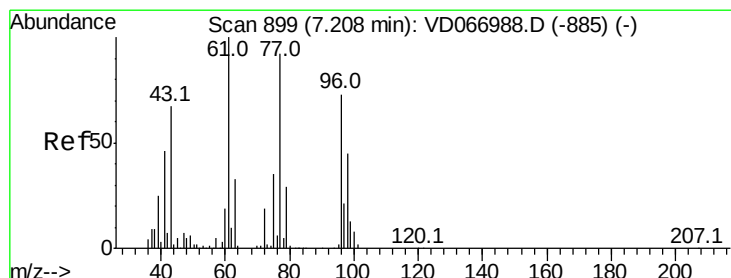
Acq: 02 Oct 2020 14:37

Tgt Ion: 77 Resp: 210438

Ion Ratio Lower Upper

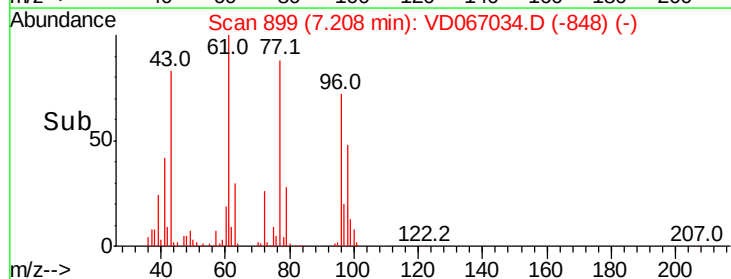
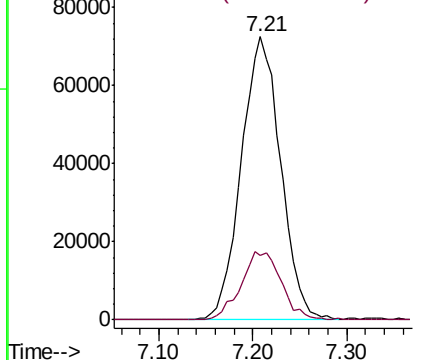
77 100

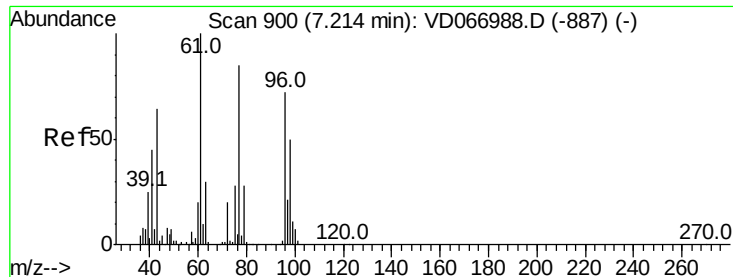
97 24.6 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



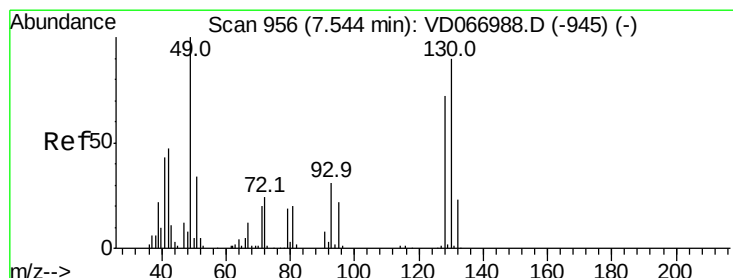
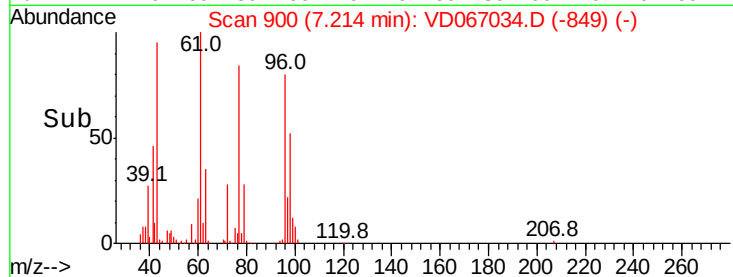
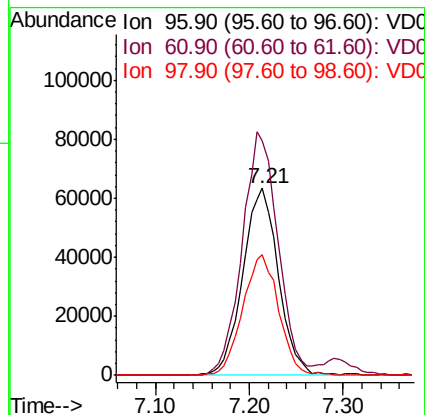
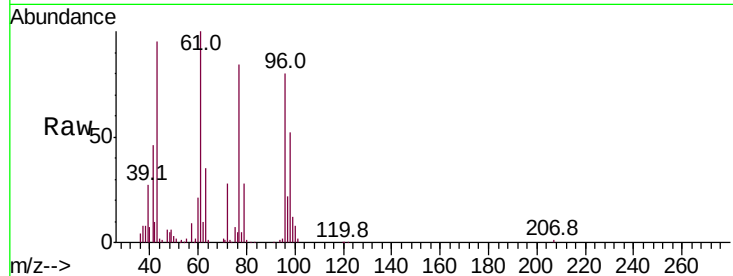


#27

cis-1,2-Dichloroethene
 Concen: 54.149 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD067034.D
 Acq: 02 Oct 2020 14:37

Instrument :
 MSVOA_D
 ClientSampleId :
 B-15(3-4)MS

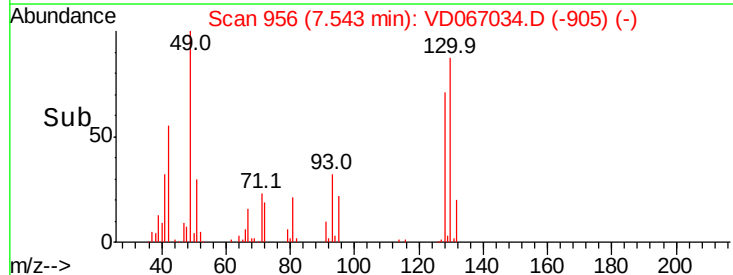
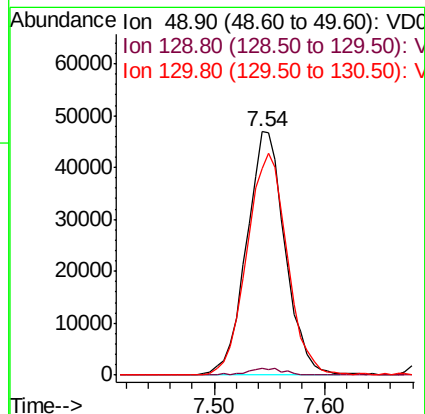
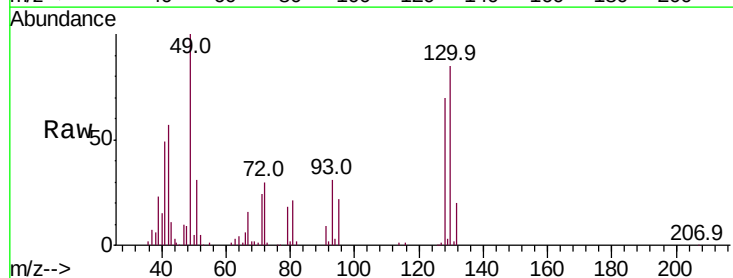
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.9	0.0	269.2
98	65.1	0.0	129.4

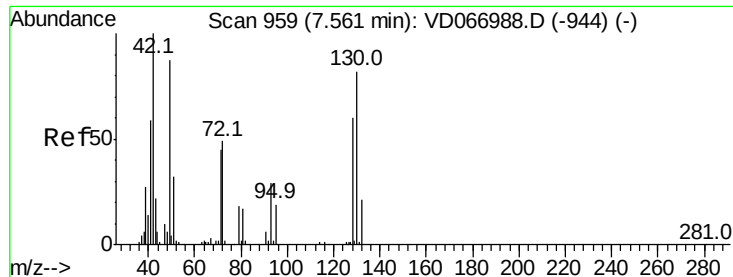


#28

Bromochloromethane
 Concen: 64.345 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD067034.D
 Acq: 02 Oct 2020 14:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	95.2	74.1	111.1

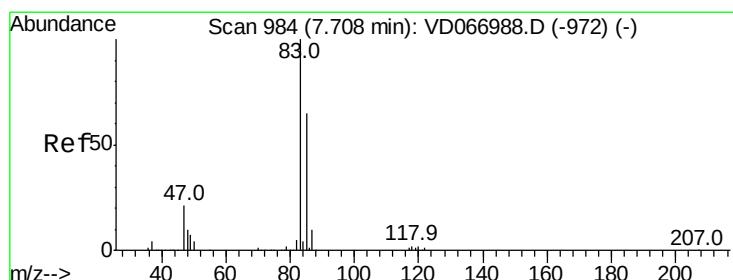
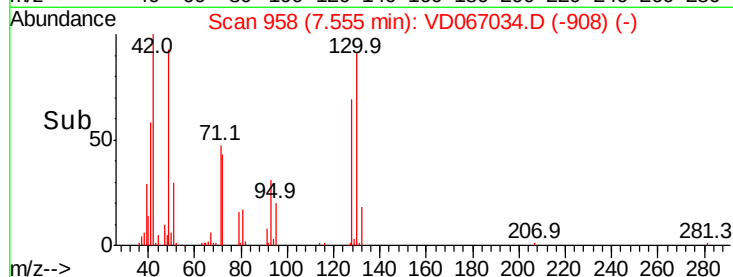
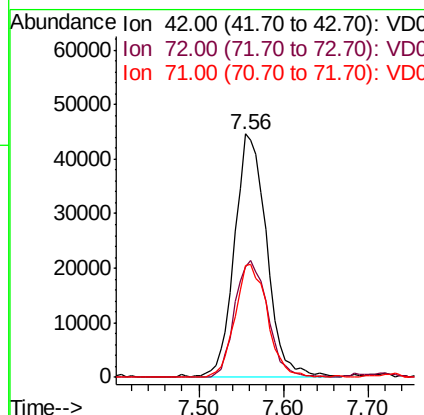
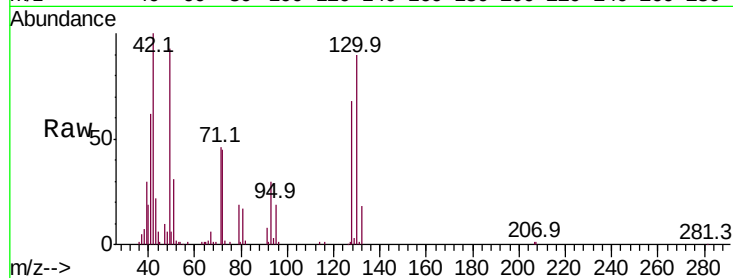




#29
Tetrahydrofuran
Concen: 361.471 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD067034.D
Acq: 02 Oct 2020 14:37

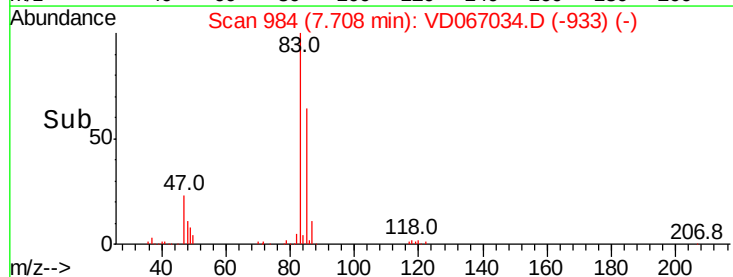
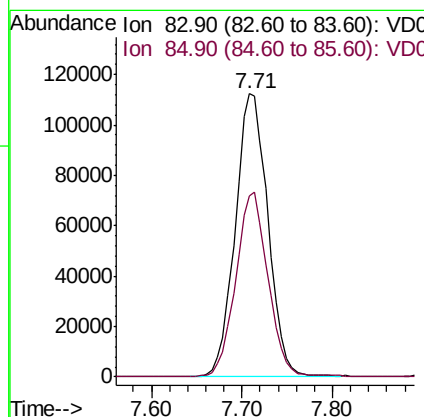
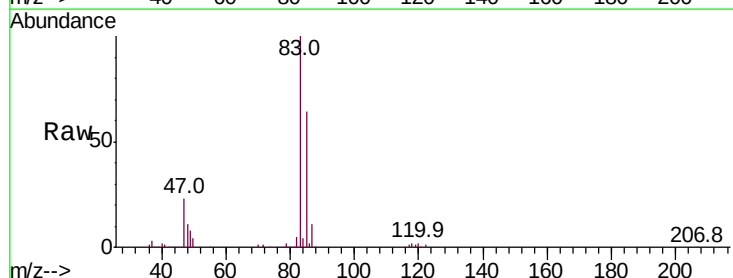
Instrument :
MSVOA_D
ClientSampleId :
B-15(3-4)MS

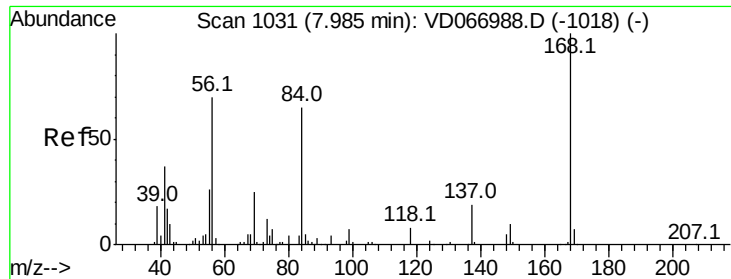
Tot Ion: 42 Resp: 116276
Ion Ratio Lower Upper
42 100
72 49.9 39.1 58.7
71 47.2 34.2 51.4



#30
Chloroform
Concen: 55.998 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD067034.D
Acq: 02 Oct 2020 14:37

Tgt Ion: 83 Resp: 281284
Ion Ratio Lower Upper
83 100
85 63.9 52.3 78.5

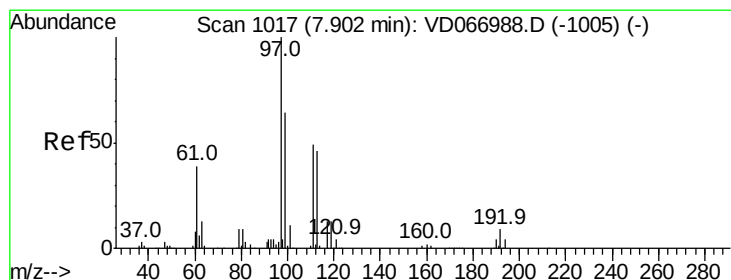
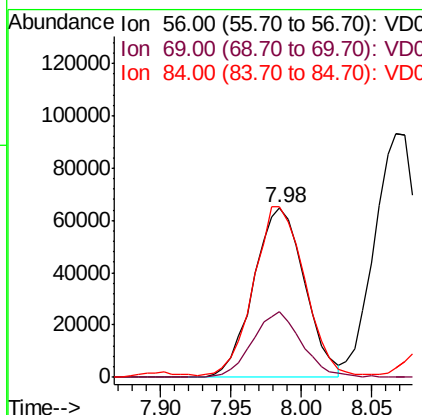
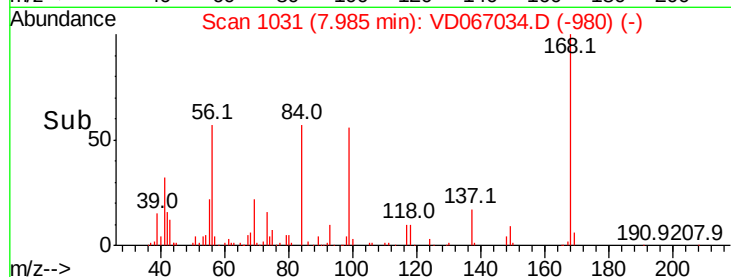
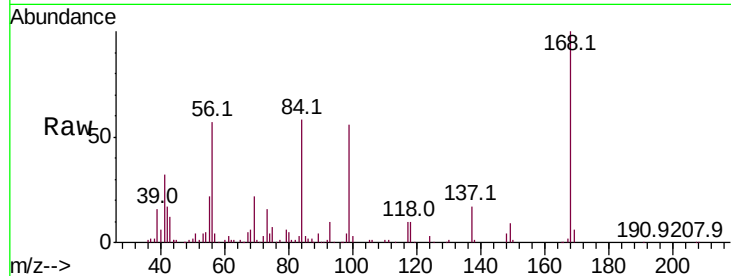




#31
Cyclohexane
Concen: 42.405 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD067034.D
Acq: 02 Oct 2020 14:37

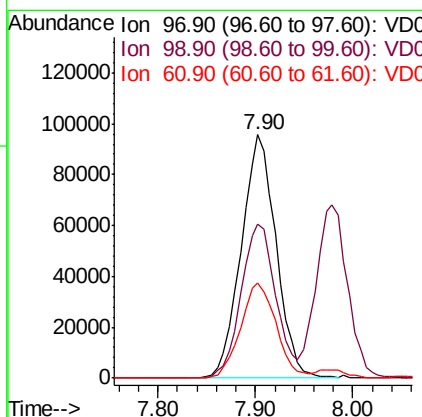
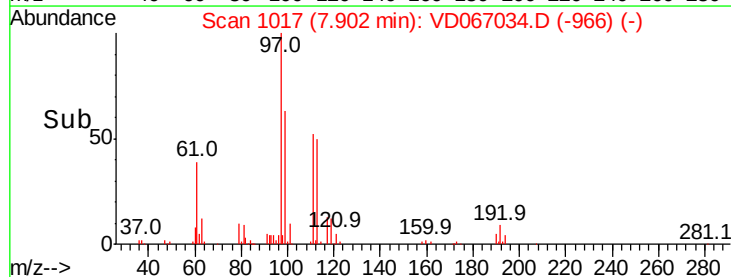
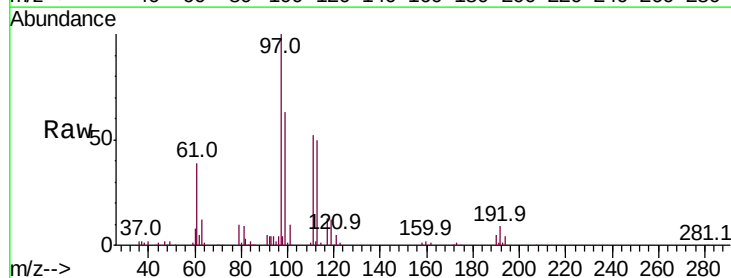
Instrument :
MSVOA_D
ClientSampleId :
B-15(3-4)MS

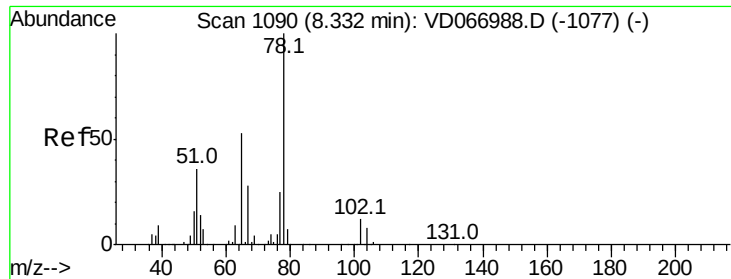
Tot Ion: 56 Resp: 164620
Ion Ratio Lower Upper
56 100
69 39.0 29.0 43.6
84 99.0 74.2 111.2



#32
1,1,1-Trichloroethane
Concen: 51.189 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD067034.D
Acq: 02 Oct 2020 14:37

Tgt Ion: 97 Resp: 238299
Ion Ratio Lower Upper
97 100
99 63.2 52.6 78.8
61 39.8 32.8 49.2

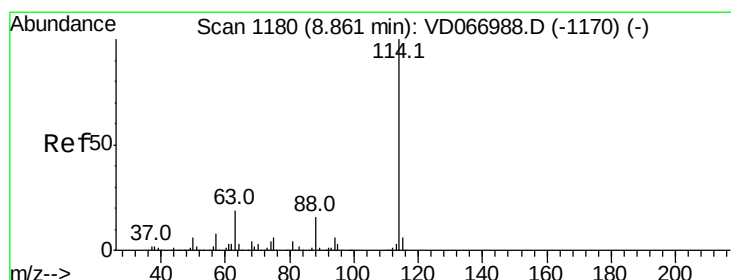
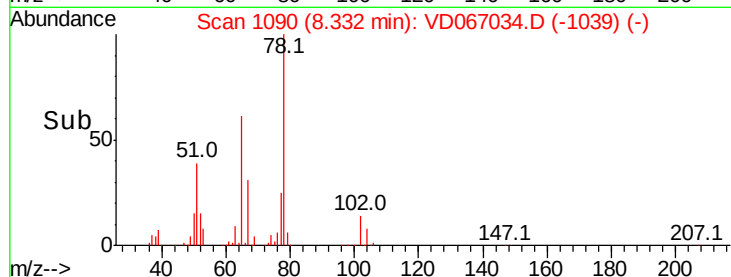
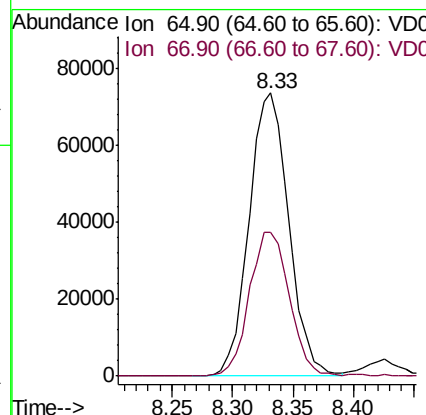
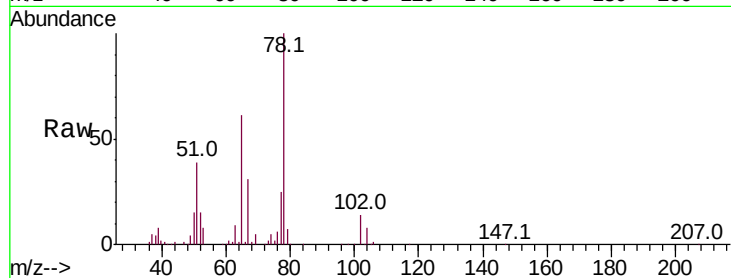




#33
 1,2-Dichloroethane-d4
 Concen: 65.350 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD067034.D
 Acq: 02 Oct 2020 14:37

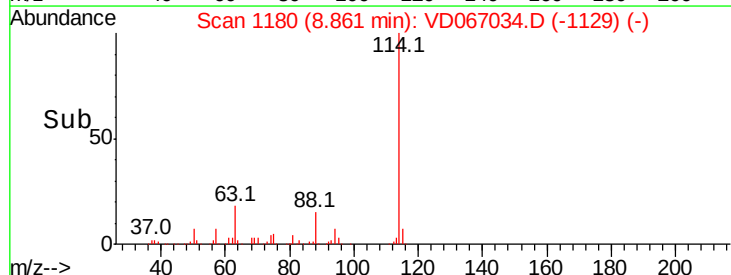
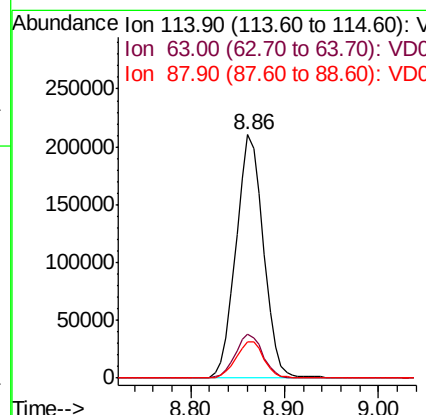
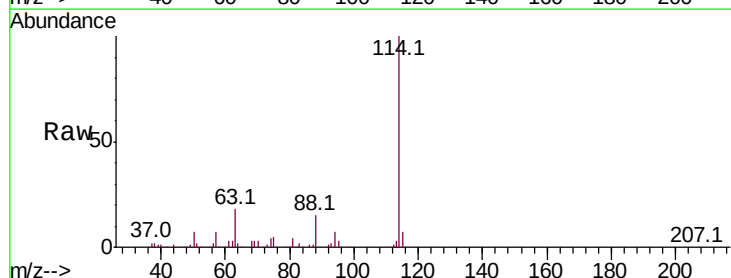
Instrument :
 MSVOA_D
 ClientSampleId :
 B-15(3-4)MS

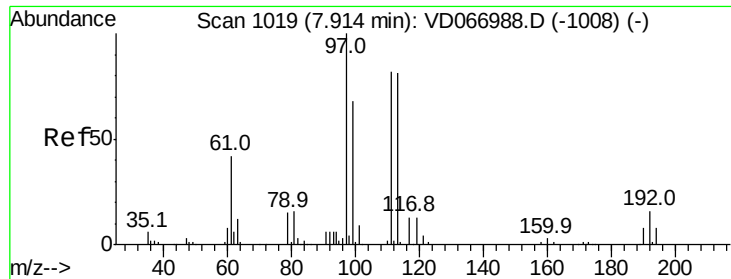
Tot Ion: 65 Resp: 168926
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD067034.D
 Acq: 02 Oct 2020 14:37

Tgt Ion: 114 Resp: 427730
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.4
 88 14.7 0.0 31.2

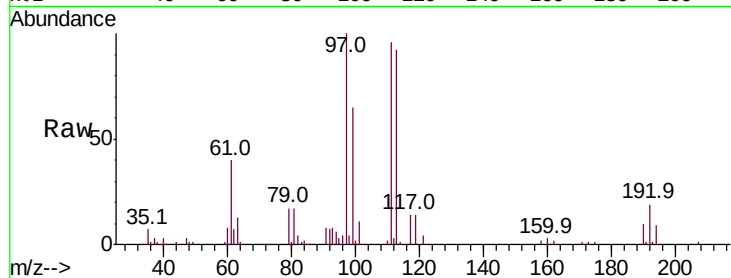




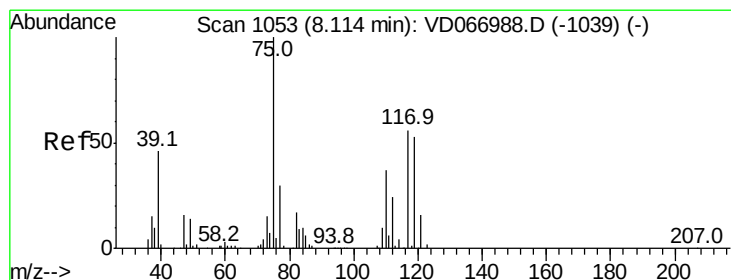
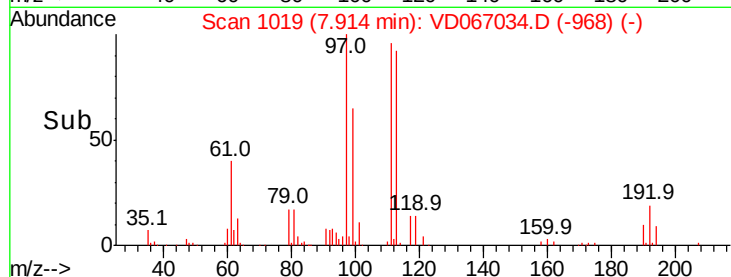
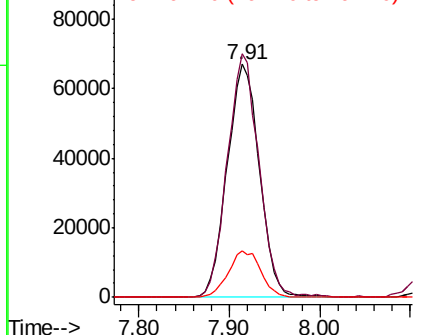
#35
Dibromofluoromethane
Concen: 59.151 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD067034.D
Acq: 02 Oct 2020 14:37

Instrument :
MSVOA_D
ClientSampleId :
B-15(3-4)MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.0	124.4
192	20.2	15.5	23.3

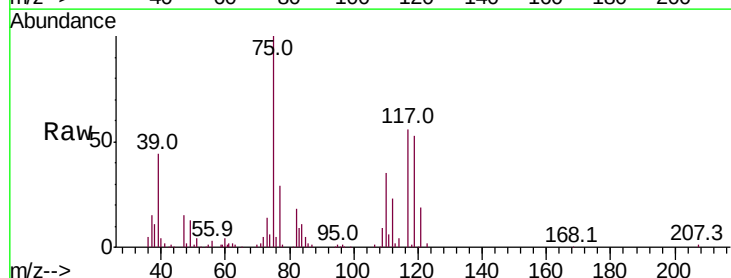


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

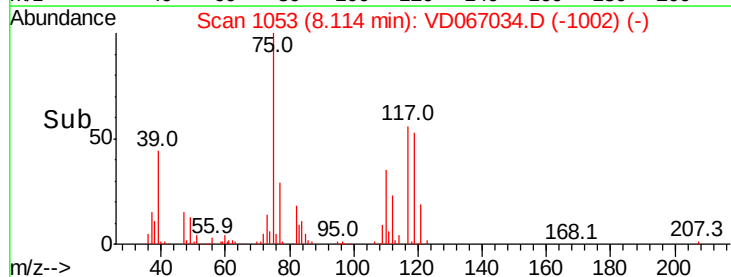
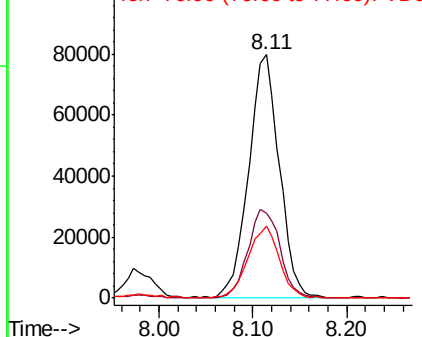


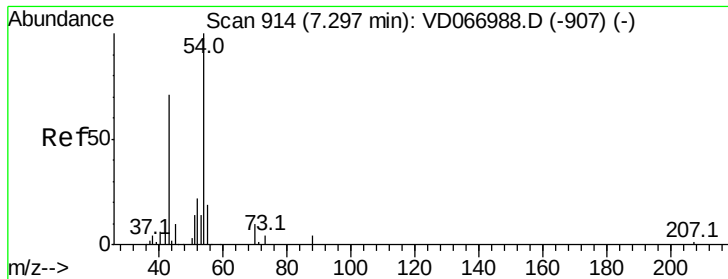
#36
1,1-Dichloropropene
Concen: 45.408 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD067034.D
Acq: 02 Oct 2020 14:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.4	55.0
77	30.1	24.8	37.2



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 65.695 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

B-15(3-4)MS

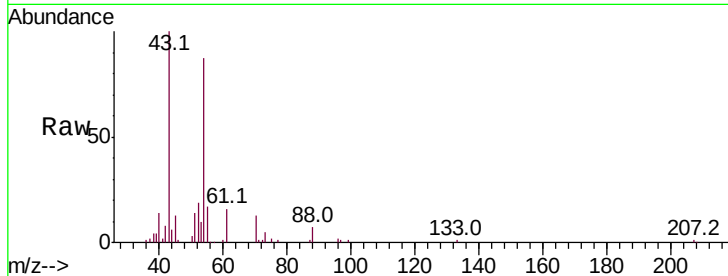
Tot Ion: 43 Resp: 90736

Ion Ratio Lower Upper

43 100

61 14.6 12.5 18.7

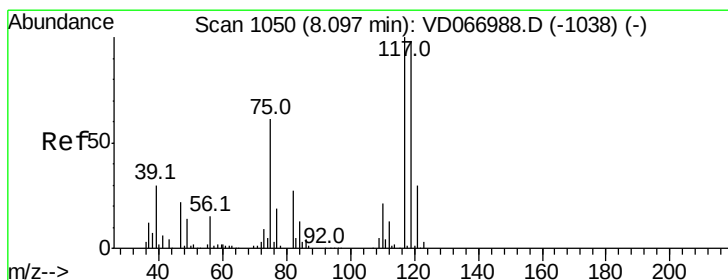
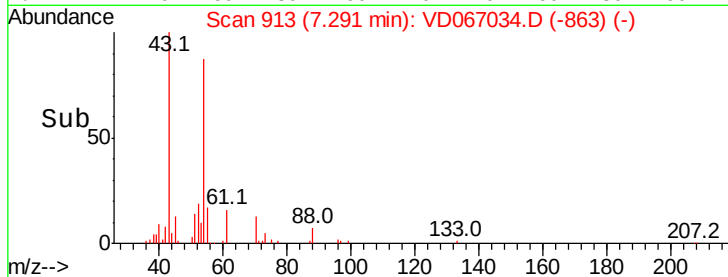
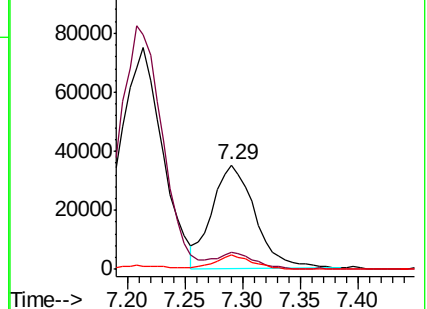
70 12.1 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 49.440 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

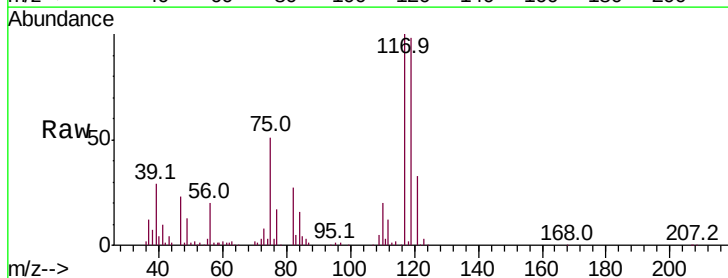
Tgt Ion: 117 Resp: 213275

Ion Ratio Lower Upper

117 100

119 98.1 78.7 118.1

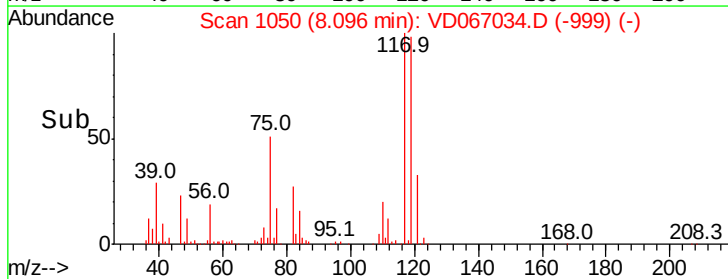
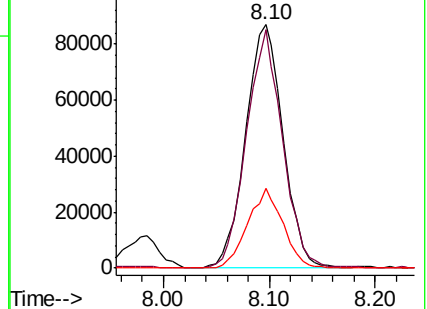
121 32.7 24.2 36.2

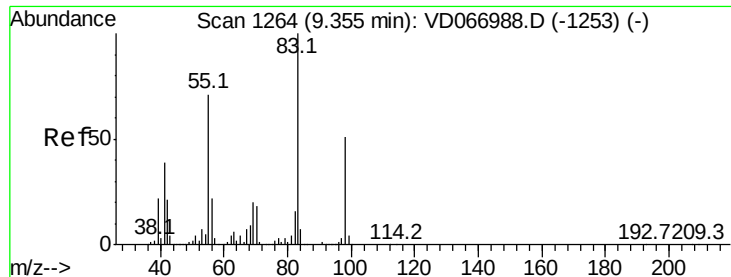


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

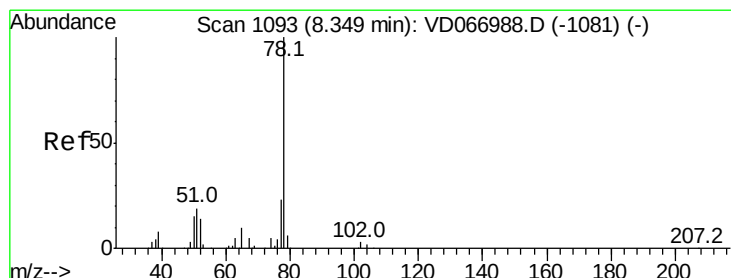
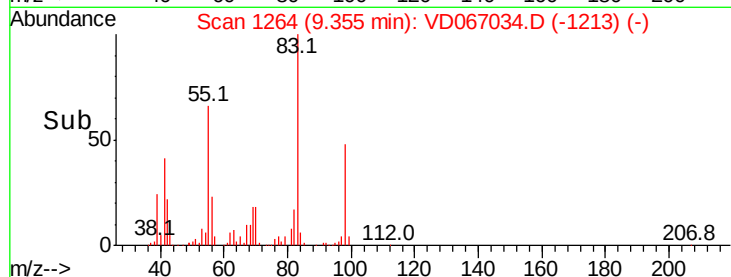
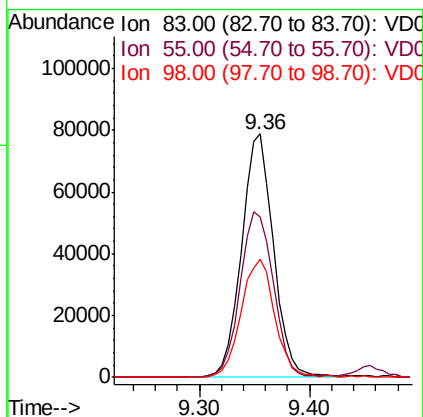
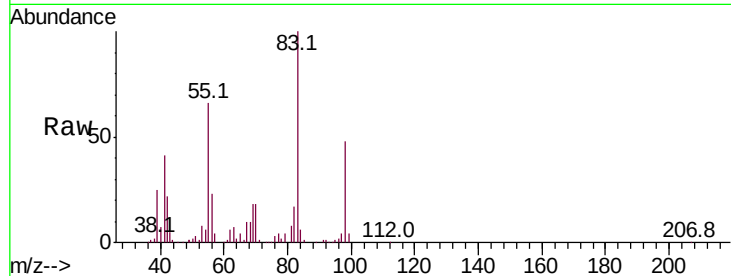




#39
Methylvlcyclohexane
Concen: 38.027 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD067034.D
Acq: 02 Oct 2020 14:37

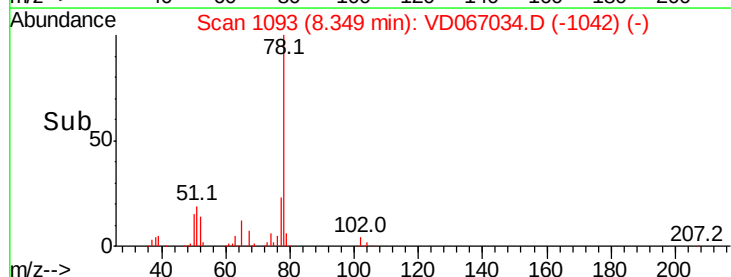
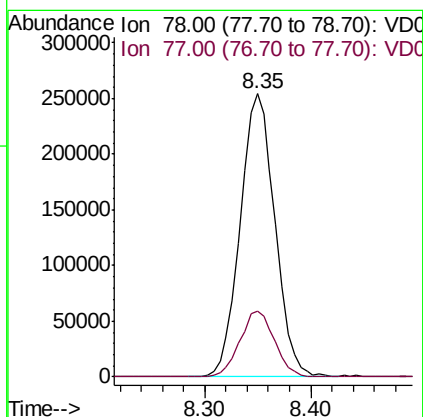
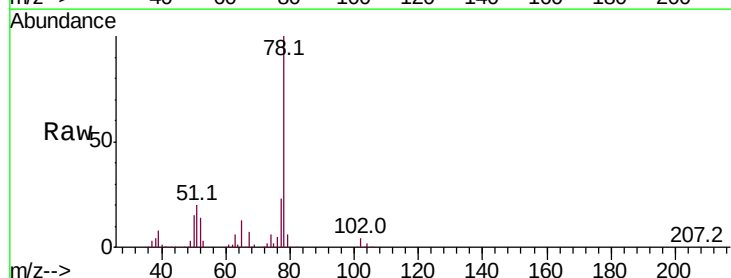
Instrument :
MSVOA_D
ClientSampleId :
B-15(3-4)MS

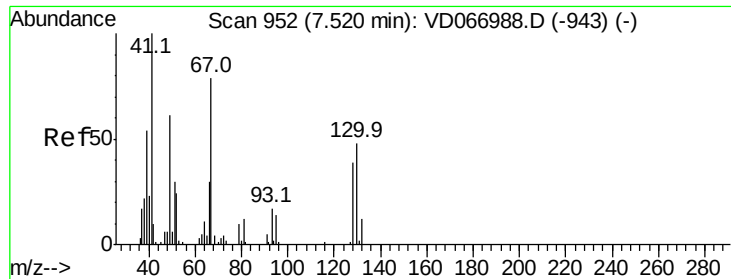
Tot Ion: 83 Resp: 160288
Ion Ratio Lower Upper
83 100
55 66.1 57.1 85.7
98 48.4 40.9 61.3



#40
Benzene
Concen: 52.344 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD067034.D
Acq: 02 Oct 2020 14:37

Tgt Ion: 78 Resp: 579647
Ion Ratio Lower Upper
78 100
77 23.4 18.4 27.6

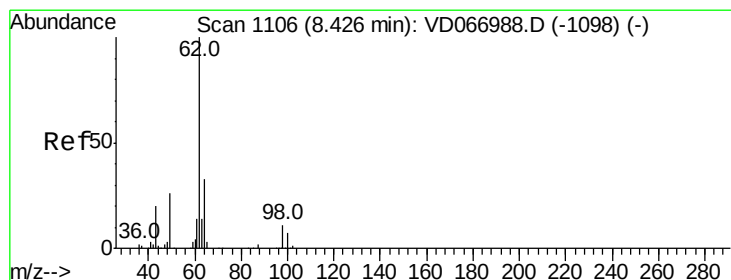
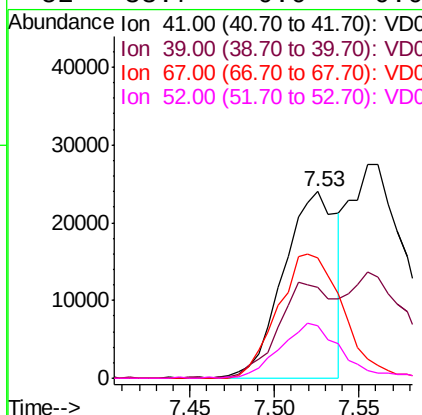
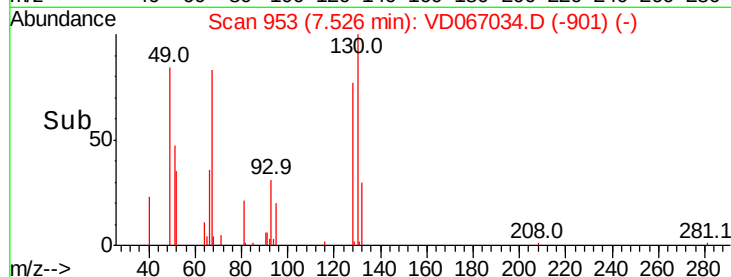
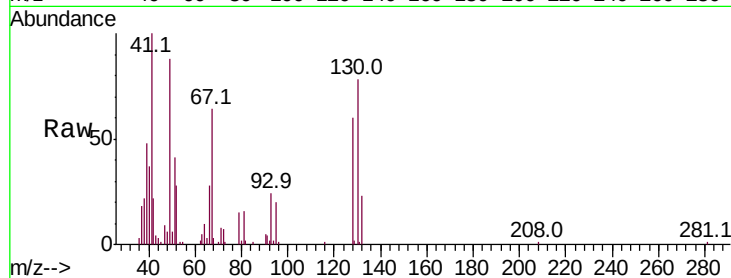




#41
Methacrylonitrile
Concen: 71.008 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD067034.D
Acq: 02 Oct 2020 14:37

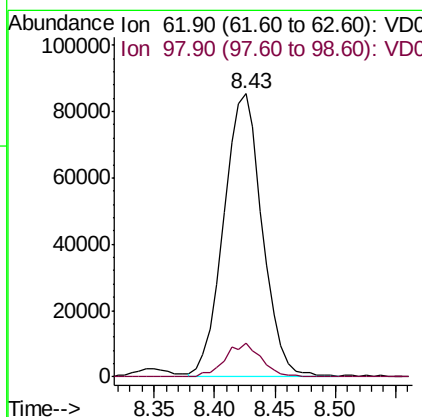
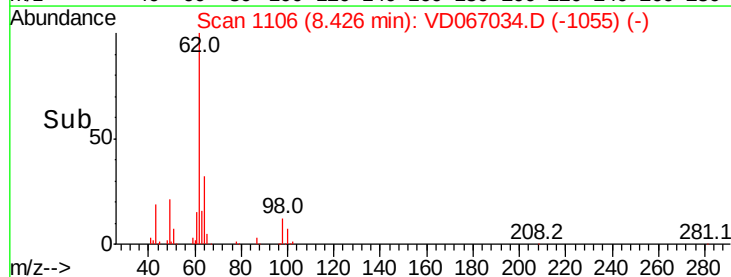
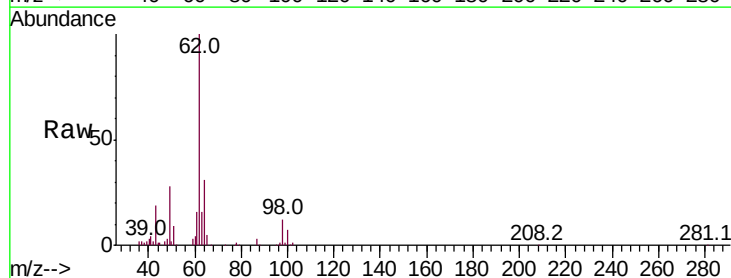
Instrument :
MSVOA_D
ClientSampleId :
B-15(3-4)MS

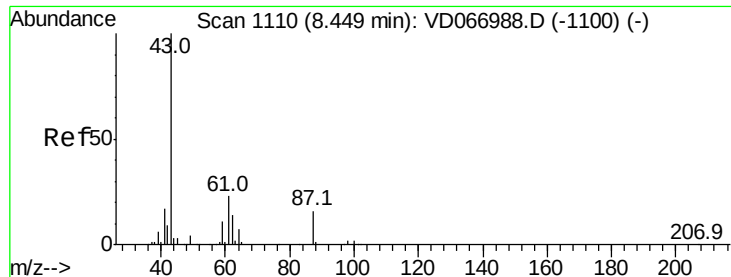
Tot Ion: 41 Resp: 52984
Ion Ratio Lower Upper
41 100
39 47.0 0.0 0.0#
67 80.7 0.0 0.0#
52 33.7 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 60.798 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD067034.D
Acq: 02 Oct 2020 14:37

Tgt Ion: 62 Resp: 188132
Ion Ratio Lower Upper
62 100
98 11.3 0.0 22.6





#43

Isopropyl Acetate

Concen: 67.297 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

B-15(3-4)MS

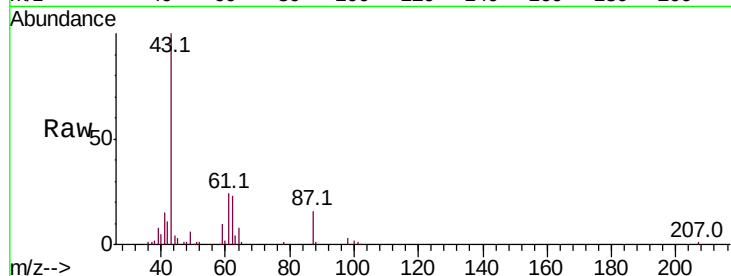
Tot Ion: 43 Resp: 171232

Ion Ratio Lower Upper

43 100

61 34.2 27.1 40.7

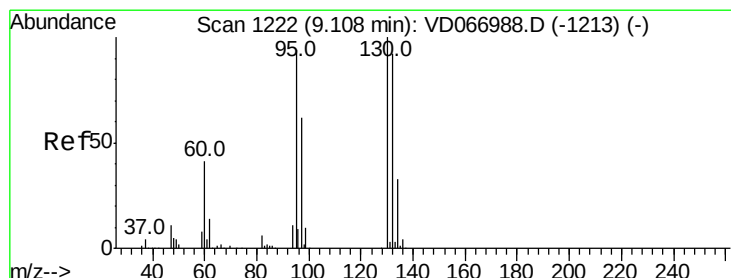
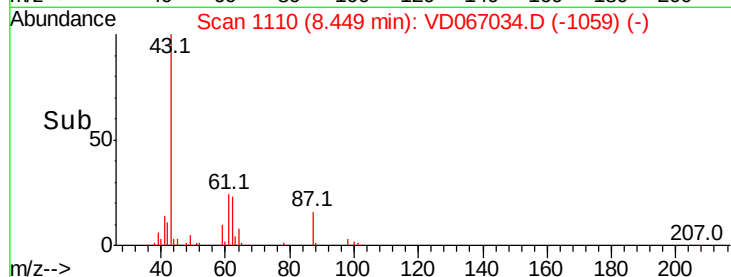
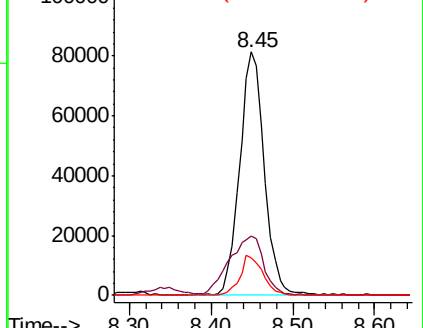
87 15.2 12.3 18.5



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: 47.817 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD067034.D

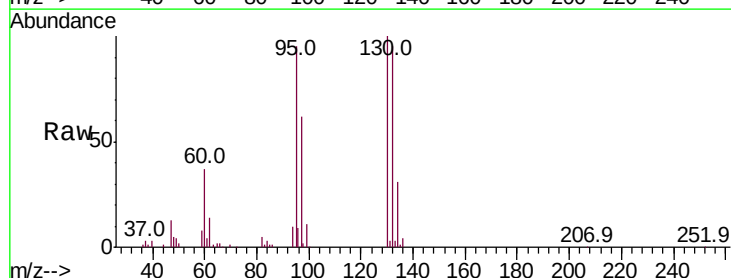
Acq: 02 Oct 2020 14:37

Tgt Ion:130 Resp: 158118

Ion Ratio Lower Upper

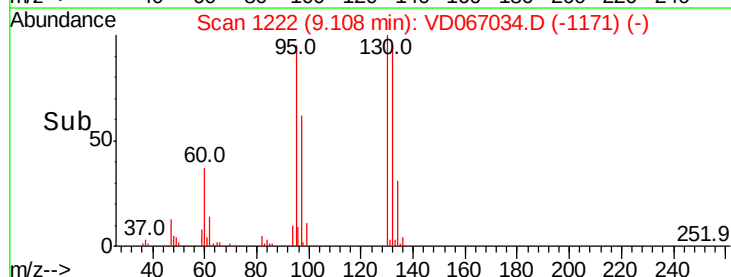
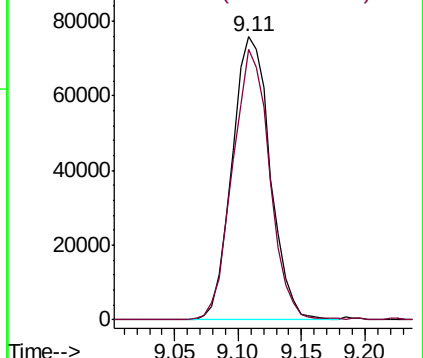
130 100

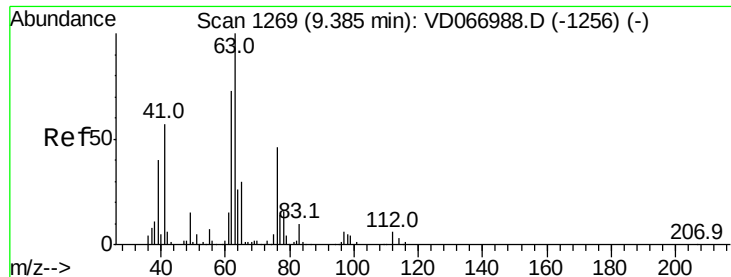
95 95.4 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 57.962 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

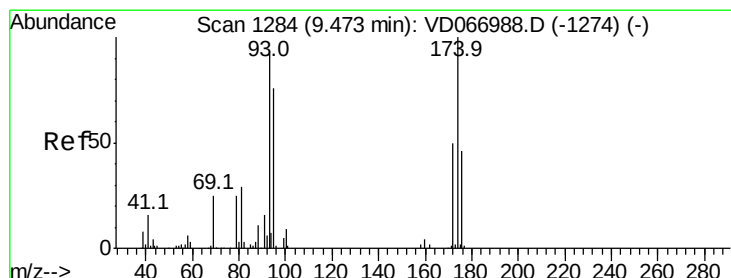
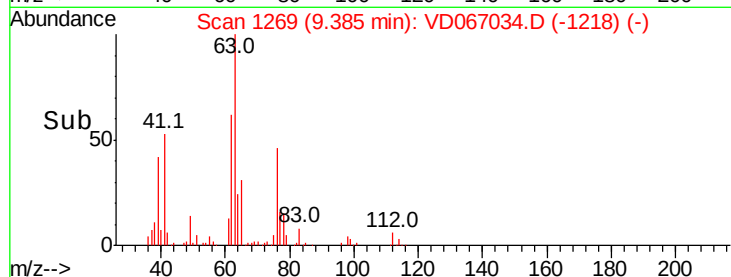
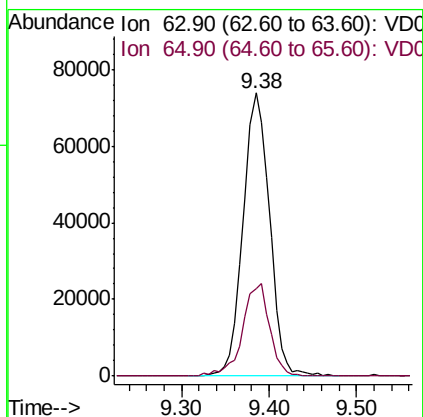
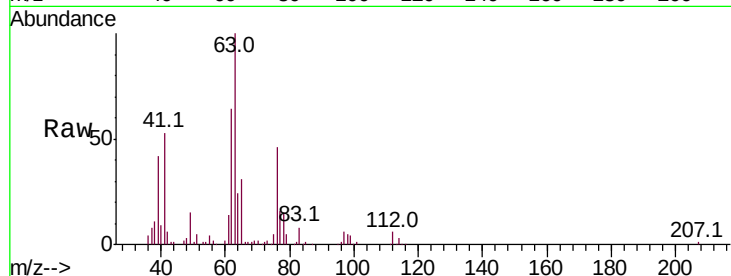
B-15(3-4)MS

Tot Ion: 63 Resp: 150814

Ion Ratio Lower Upper

63 100

65 31.0 23.7 35.5



#46

Dibromomethane

Concen: 62.385 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

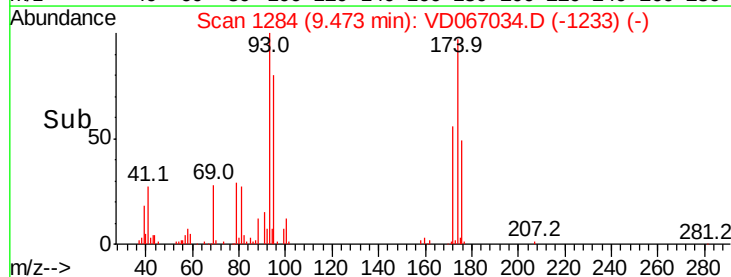
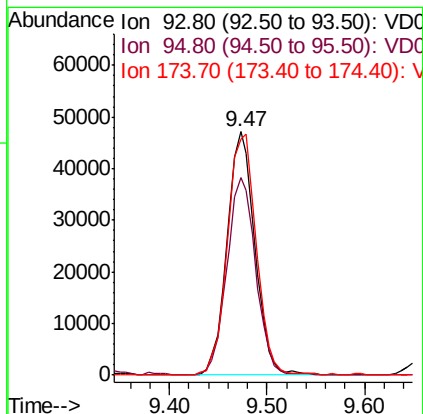
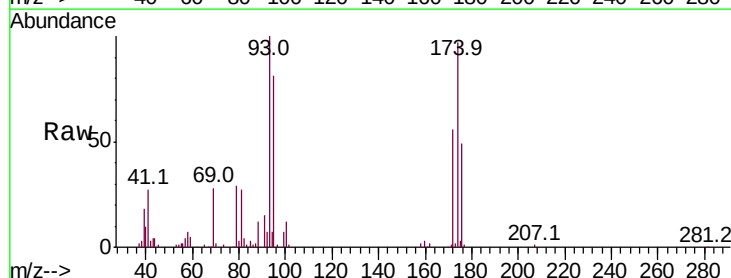
Tgt Ion: 93 Resp: 93294

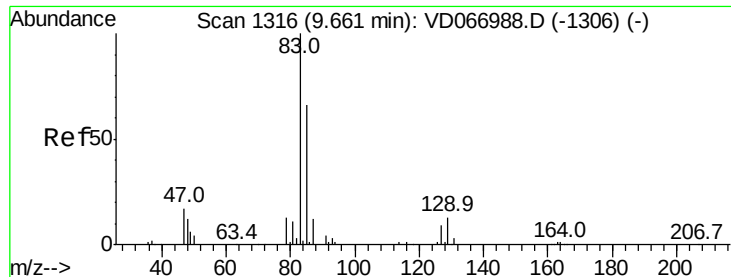
Ion Ratio Lower Upper

93 100

95 84.2 64.7 97.1

174 103.0 81.4 122.2





#47

Bromodichloromethane

Concen: 58.945 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

B-15(3-4)MS

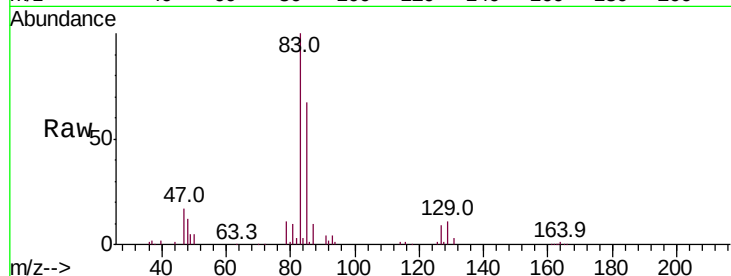
Tot Ion: 83 Resp: 229141

Ion Ratio Lower Upper

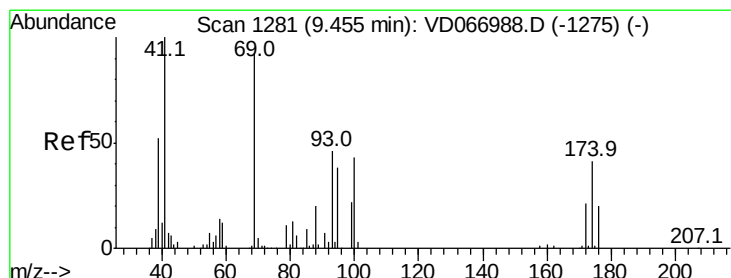
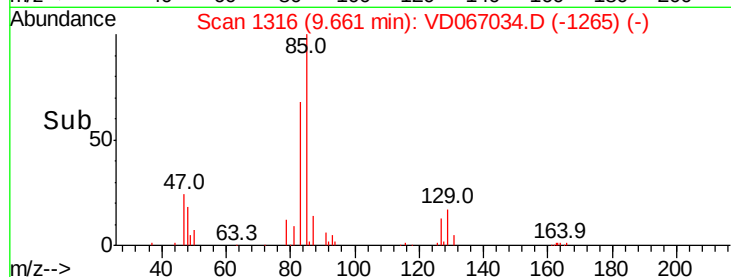
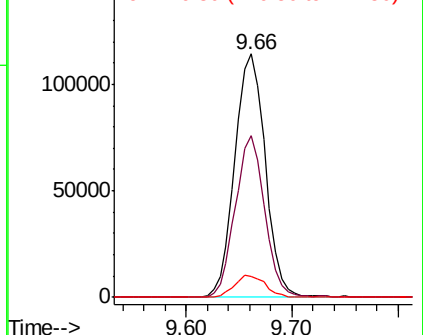
83 100

85 66.5 52.9 79.3

127 8.6 7.3 10.9



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



#48

Methyl methacrylate

Concen: 67.929 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

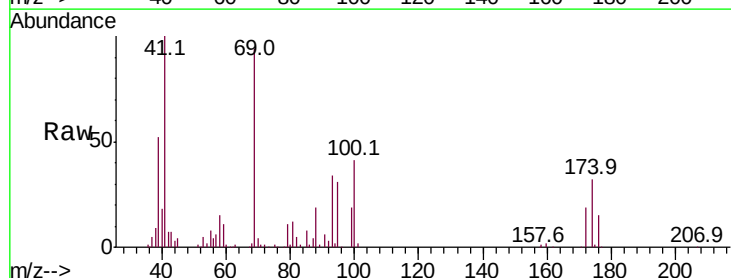
Tgt Ion: 41 Resp: 88548

Ion Ratio Lower Upper

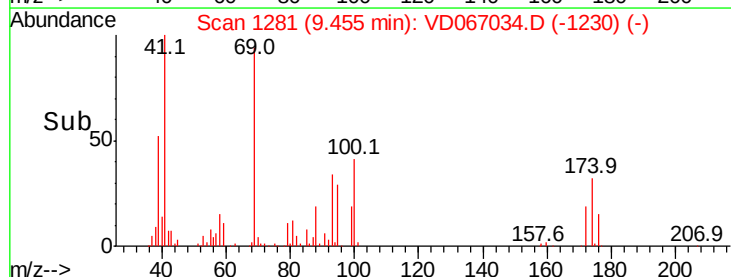
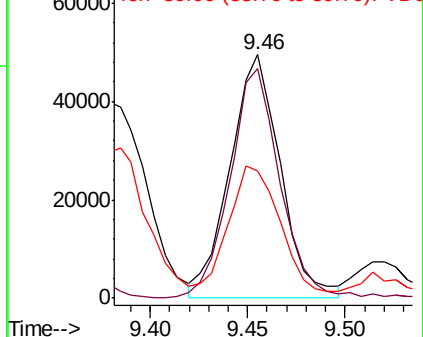
41 100

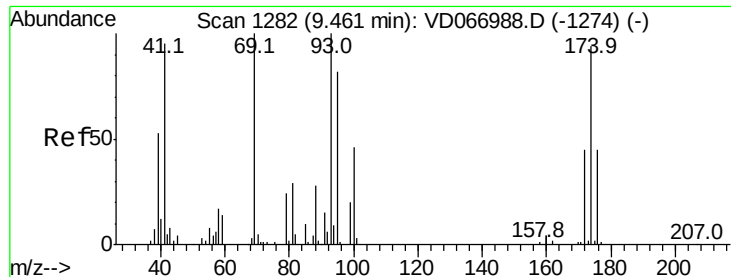
69 94.5 68.5 102.7

39 58.0 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

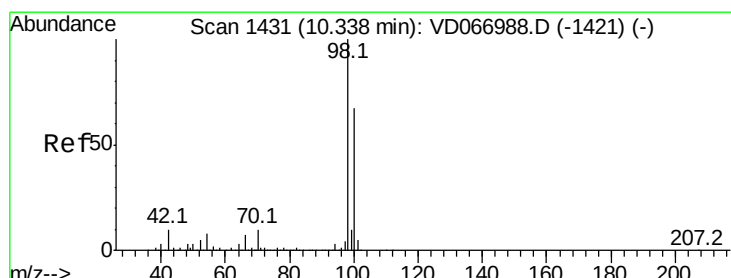
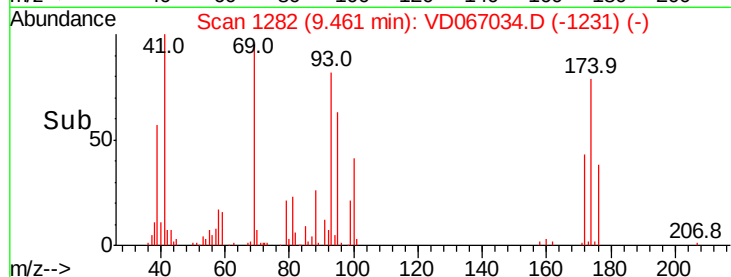
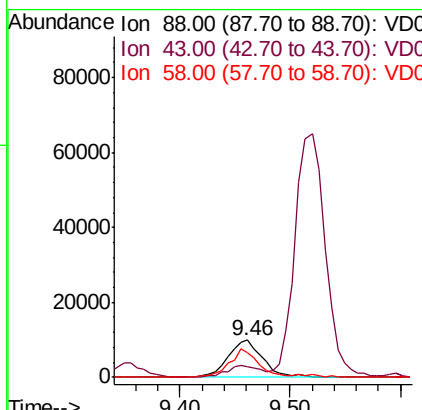
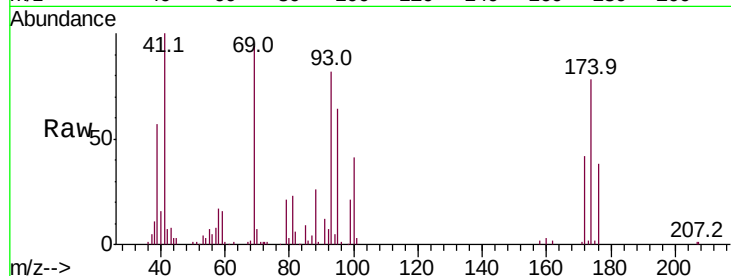




#49
 1,4-Dioxane
 Concen: 1399.098 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VD067034.D
 Acq: 02 Oct 2020 14:37

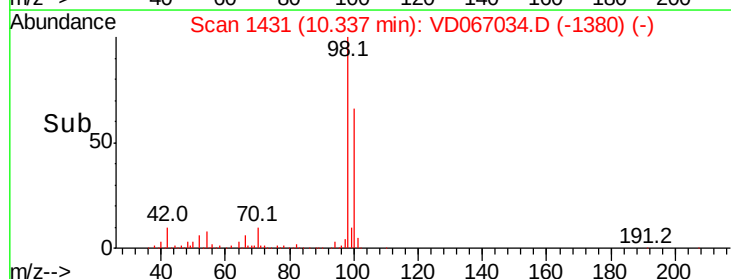
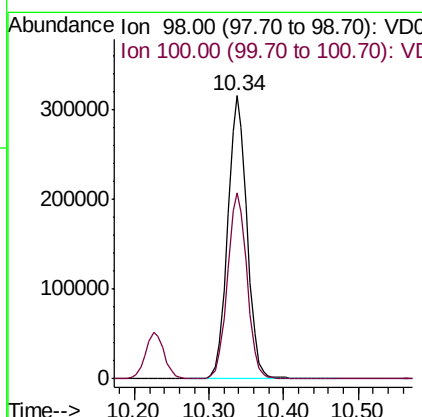
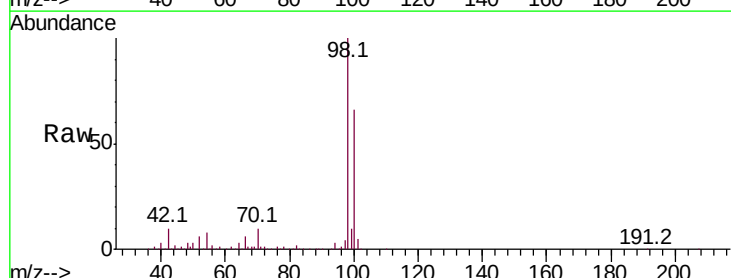
Instrument :
 MSVOA_D
 ClientSampleId :
 B-15(3-4)MS

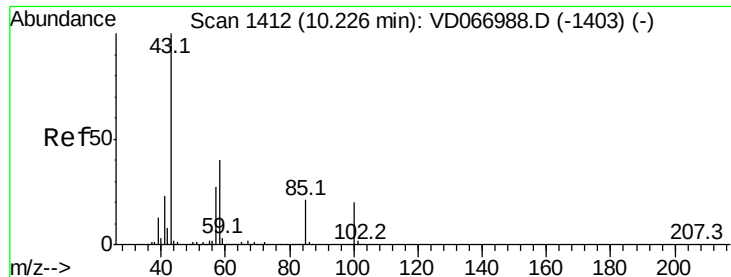
Tot Ion: 88 Resp: 21837
 Ion Ratio Lower Upper
 88 100
 43 31.7 25.6 38.4
 58 64.5 53.5 80.3



#50
 Toluene-d8
 Concen: 55.572 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD067034.D
 Acq: 02 Oct 2020 14:37

Tgt Ion: 98 Resp: 567047
 Ion Ratio Lower Upper
 98 100
 100 66.7 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 359.593 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

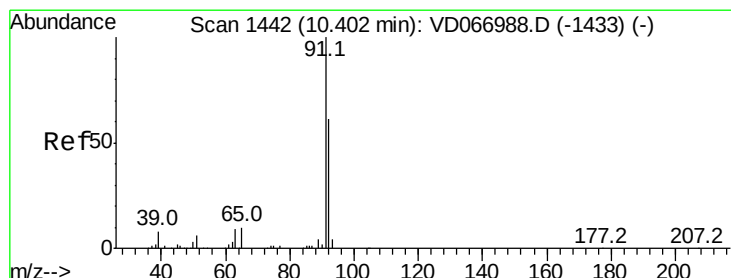
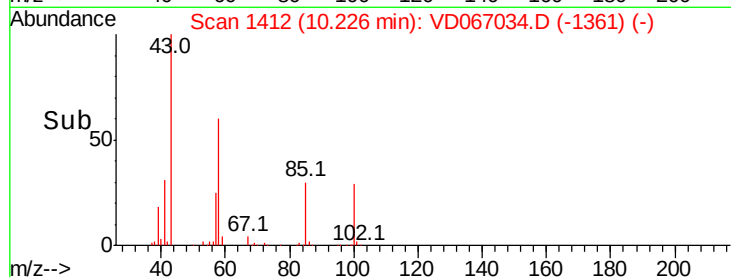
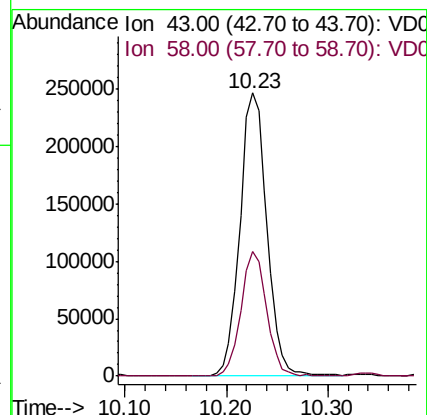
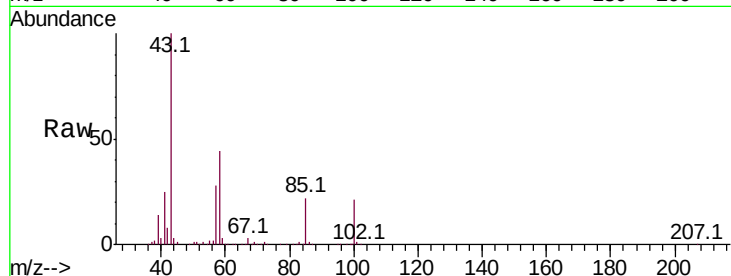
B-15(3-4)MS

Tot Ion: 43 Resp: 455739

Ion Ratio Lower Upper

43 100

58 42.1 33.8 50.8



#52

Toluene

Concen: 52.445 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD067034.D

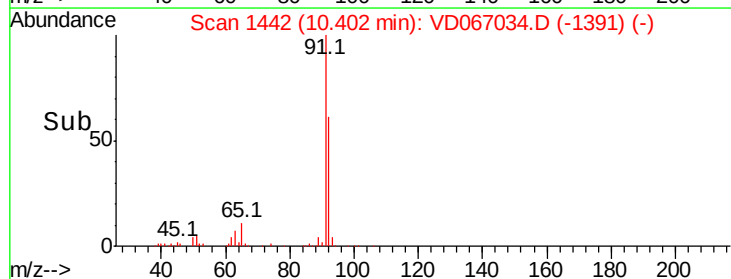
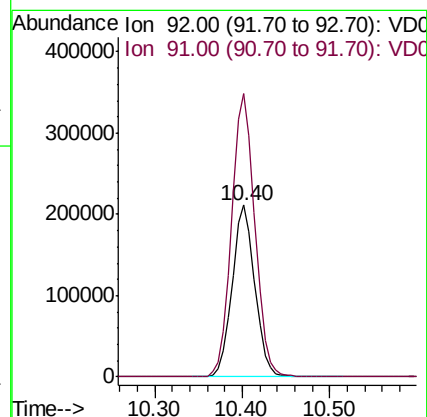
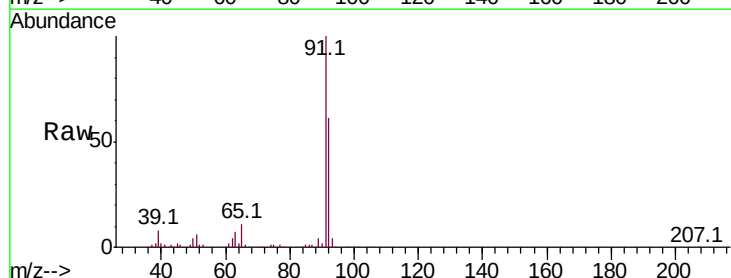
Acq: 02 Oct 2020 14:37

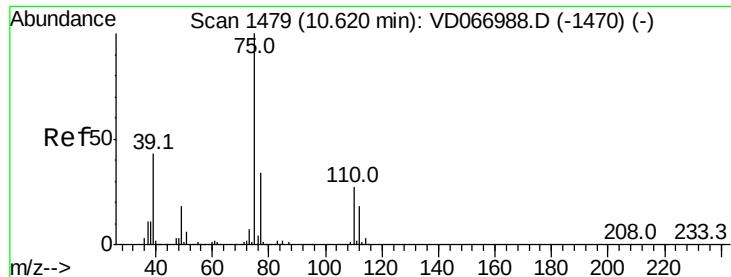
Tgt Ion: 92 Resp: 374115

Ion Ratio Lower Upper

92 100

91 169.1 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 59.077 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

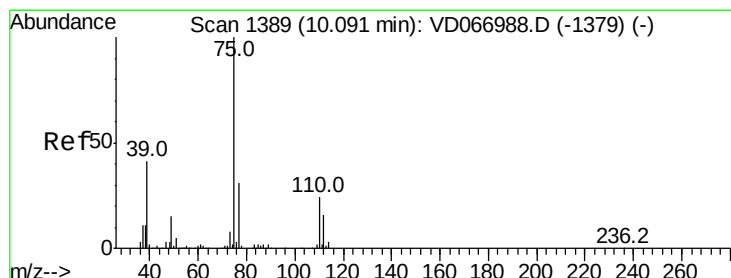
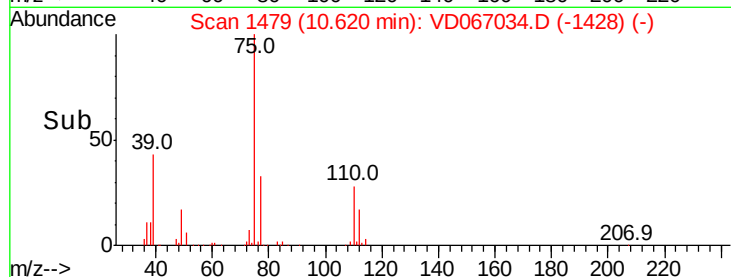
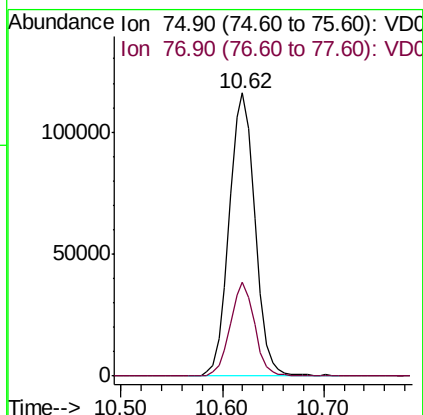
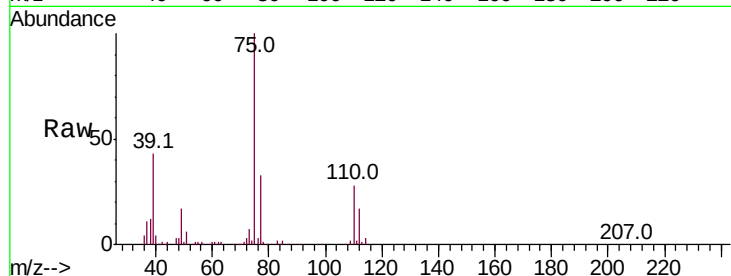
B-15(3-4)MS

Tot Ion: 75 Resp: 205249

Ion Ratio Lower Upper

75 100

77 33.2 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 57.494 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

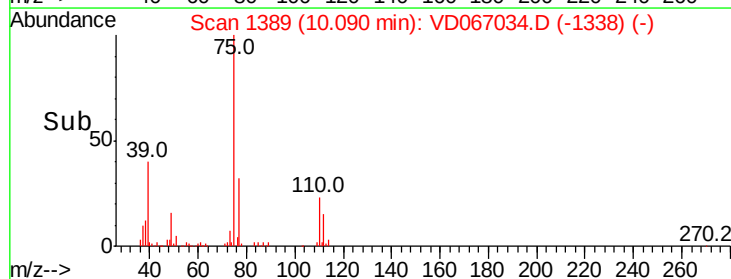
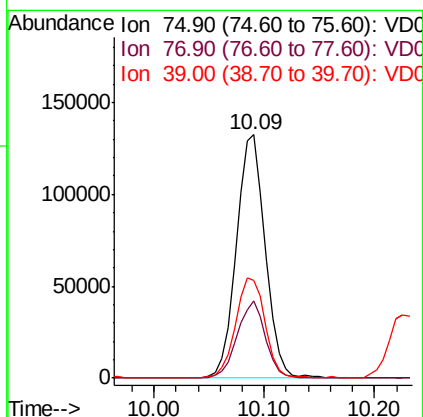
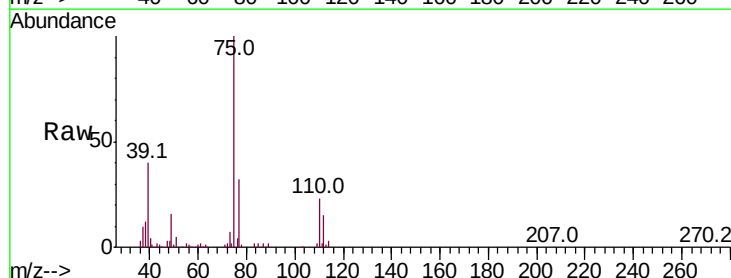
Tgt Ion: 75 Resp: 243918

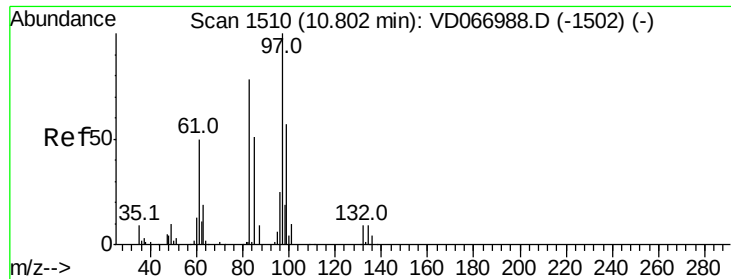
Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0

39 39.8 33.0 49.4

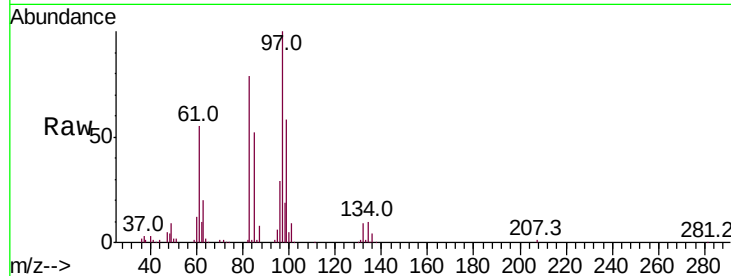




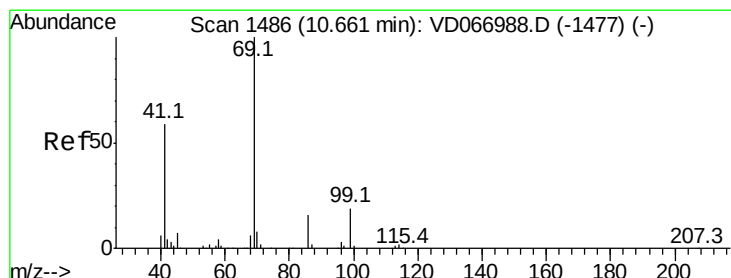
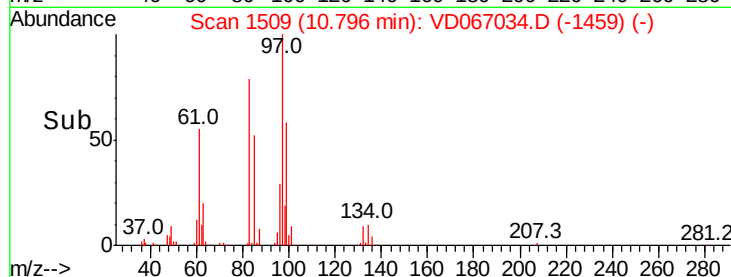
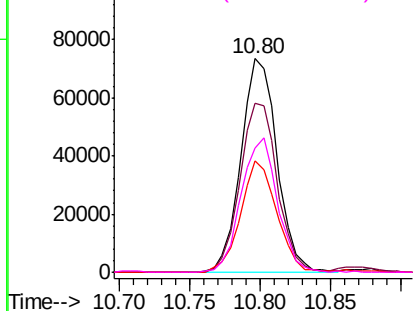
#55
 1,1,2-Trichloroethane
 Concen: 63.453 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD067034.D
 Acq: 02 Oct 2020 14:37

Instrument :
 MSVOA_D
 ClientSampled :
 B-15(3-4)MS

Tot Ion:	97	Resp:	131928
Ion	Ratio	Lower	Upper
97	100		
83	79.2	62.4	93.6
85	52.3	41.0	61.4
99	58.3	45.9	68.9

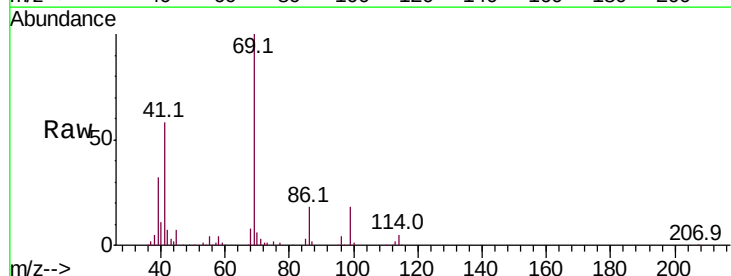


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

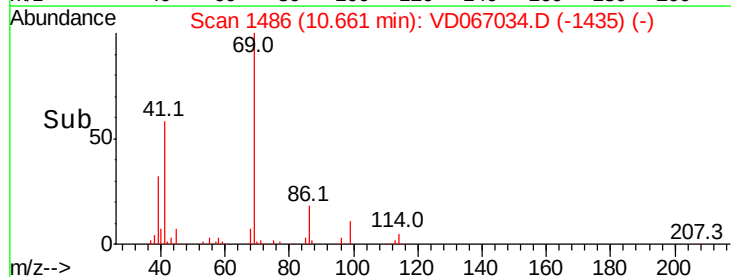
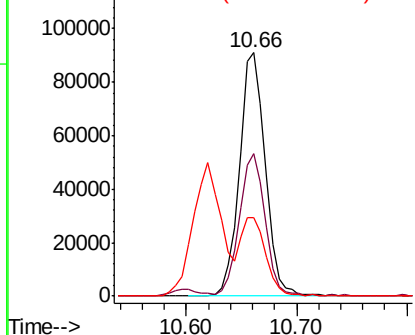


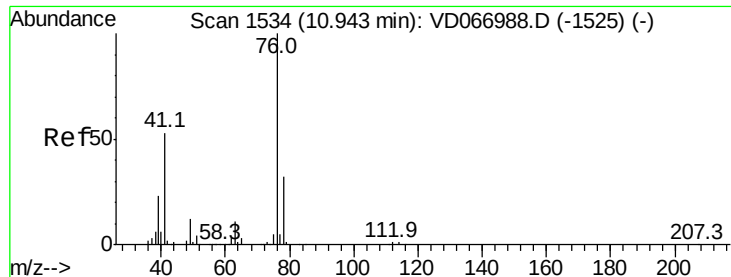
#56
 Ethyl methacrylate
 Concen: 69.868 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD067034.D
 Acq: 02 Oct 2020 14:37

Tgt Ion:	69	Resp:	149978
Ion	Ratio	Lower	Upper
69	100		
41	58.6	46.4	69.6
39	31.0	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: 64.151 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

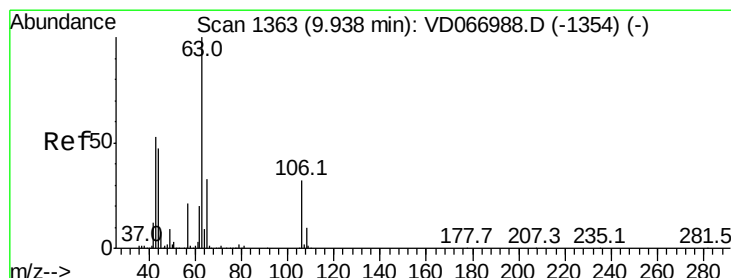
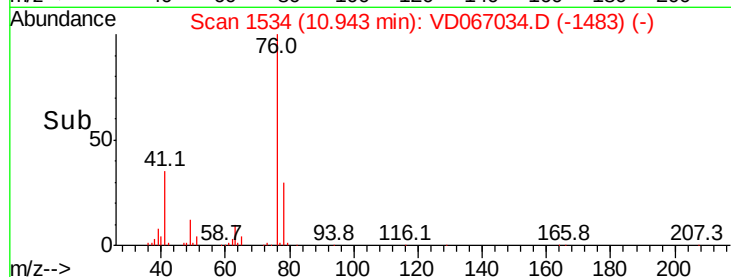
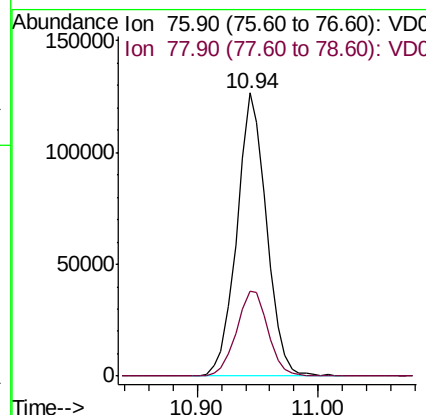
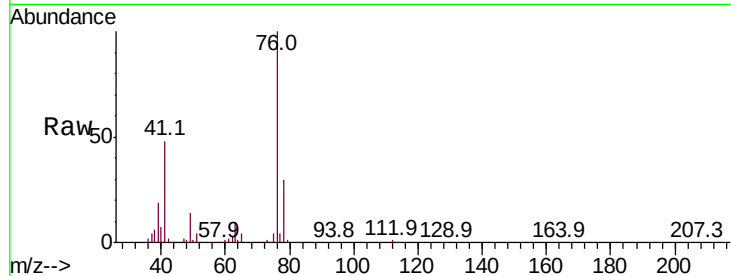
Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :
MSVOA_D
ClientSampleId :
B-15(3-4)MS

Tot Ion: 76 Resp: 216291

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.8



#58

2-Chloroethyl Vinyl ether

Concen: 363.419 ug/l

RT: 9.94 min Scan# 1363

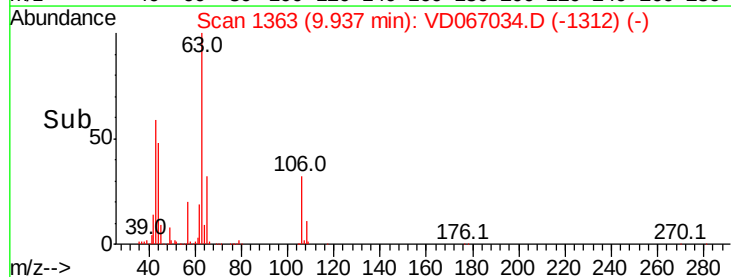
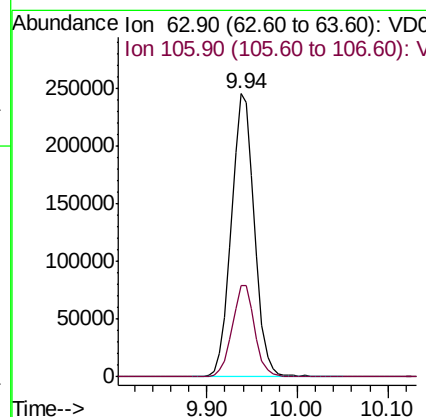
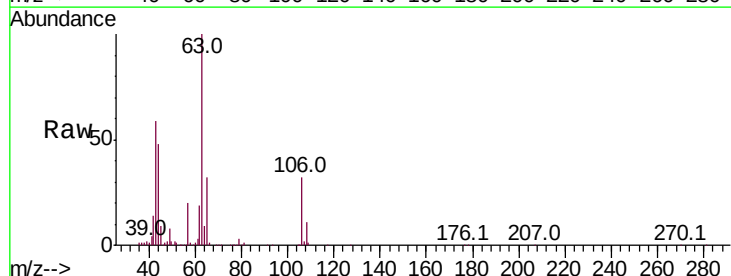
Delta R.T. -0.00 min

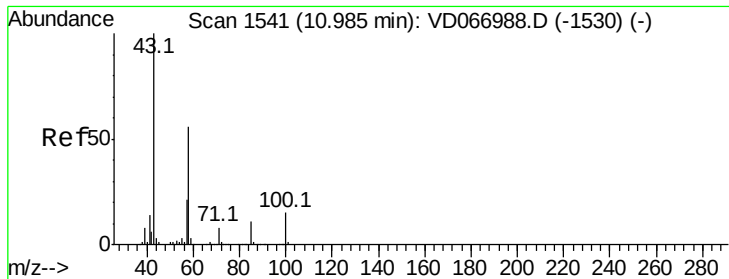
Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Tgt Ion: 63 Resp: 434199

Ion	Ratio	Lower	Upper
63	100		
106	31.9	25.3	37.9

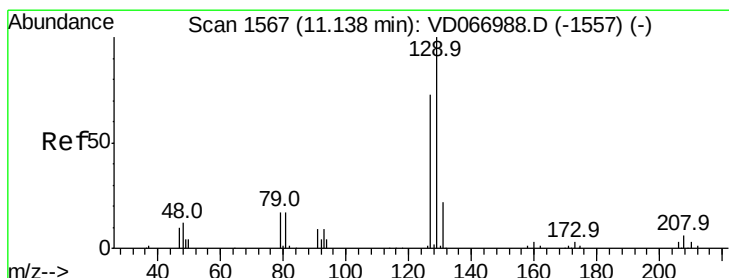
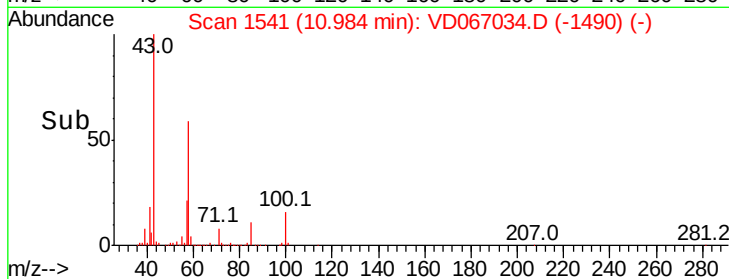
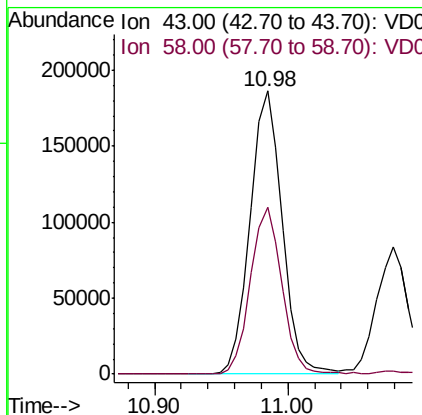
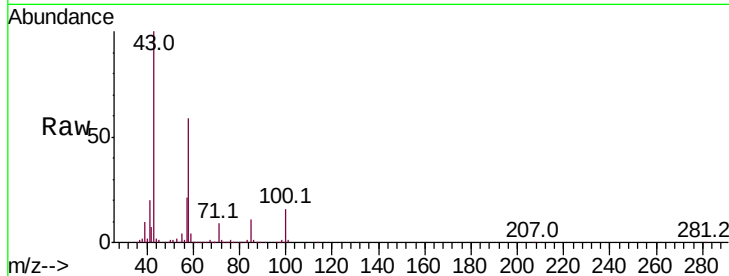




#59
2-Hexanone
Concen: 364.551 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD067034.D
Acq: 02 Oct 2020 14:37

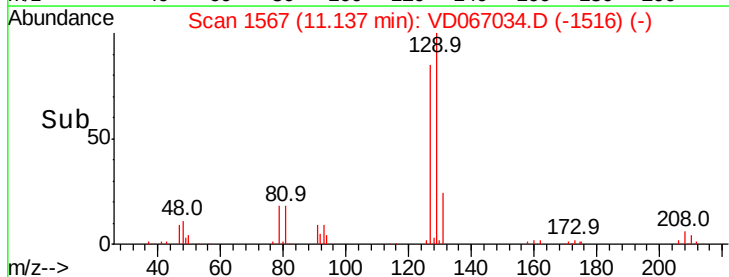
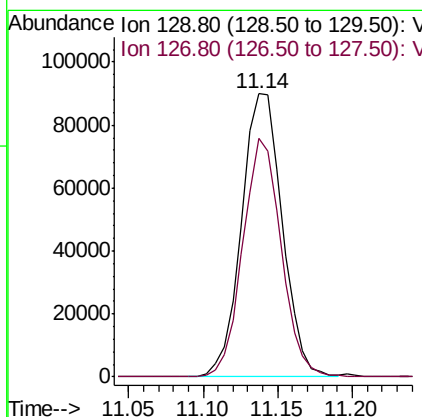
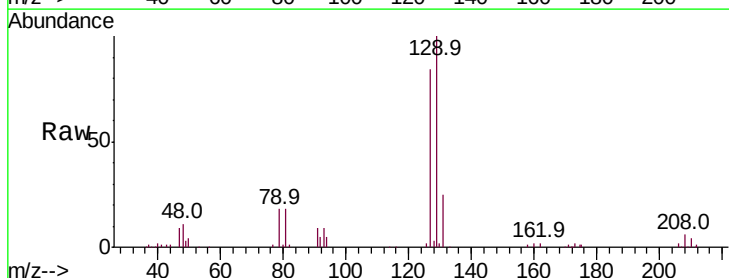
Instrument :
MSVOA_D
ClientSampleId :
B-15(3-4)MS

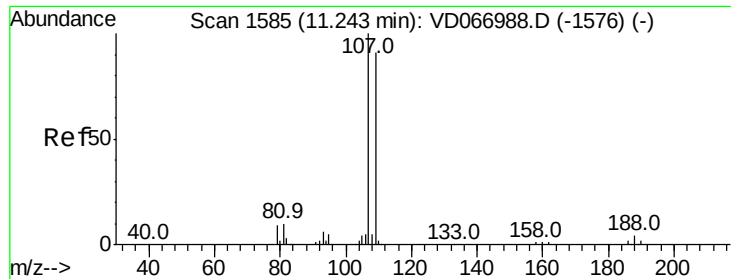
Tot Ion: 43 Resp: 308373
Ion Ratio Lower Upper
43 100
58 57.8 28.3 84.9



#60
Dibromochloromethane
Concen: 61.388 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD067034.D
Acq: 02 Oct 2020 14:37

Tgt Ion: 129 Resp: 170117
Ion Ratio Lower Upper
129 100
127 79.5 37.4 112.1

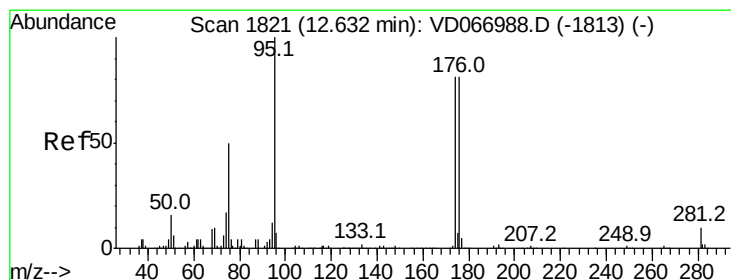
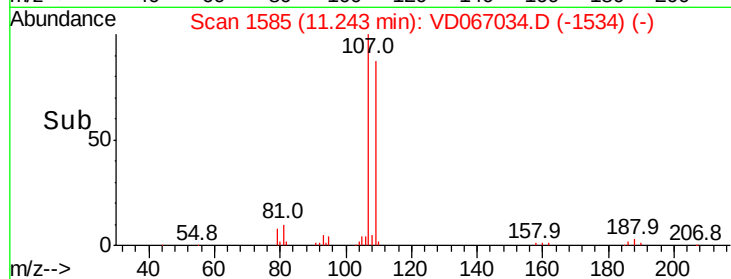
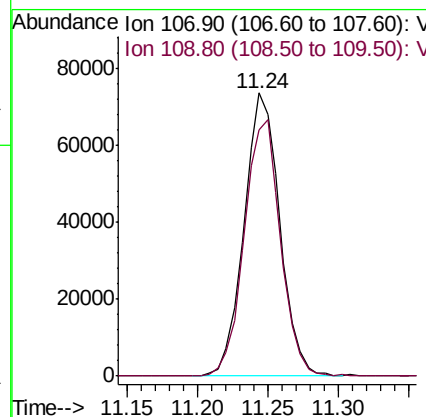
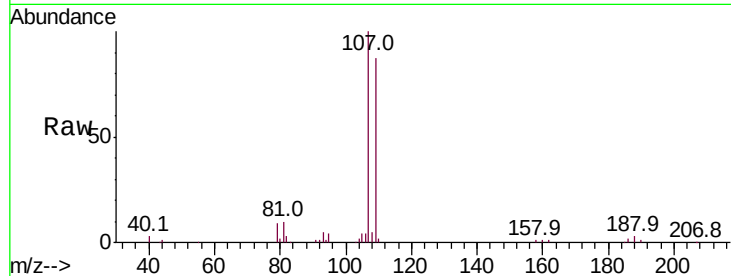




#61
 1,2-Dibromoethane
 Concen: 65.434 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD067034.D
 Acq: 02 Oct 2020 14:37

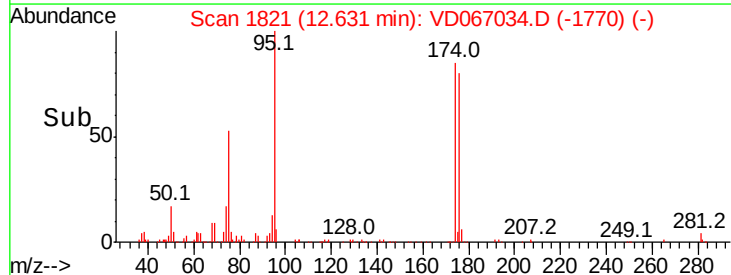
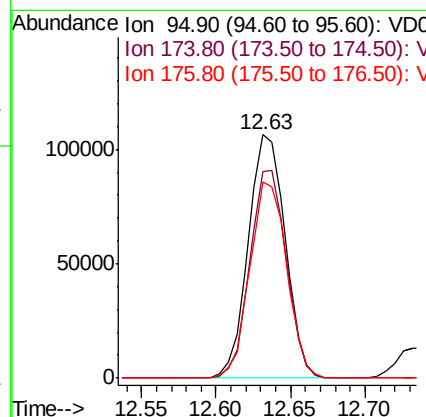
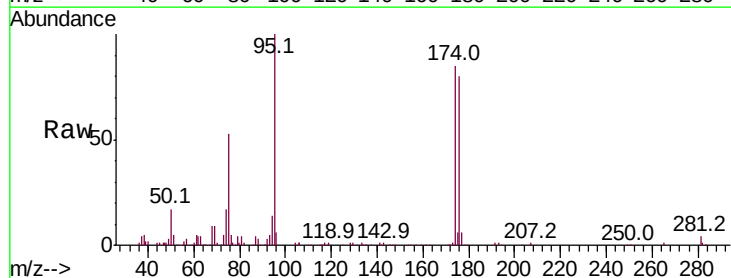
Instrument :
 MSVOA_D
 ClientSampleId :
 B-15(3-4)MS

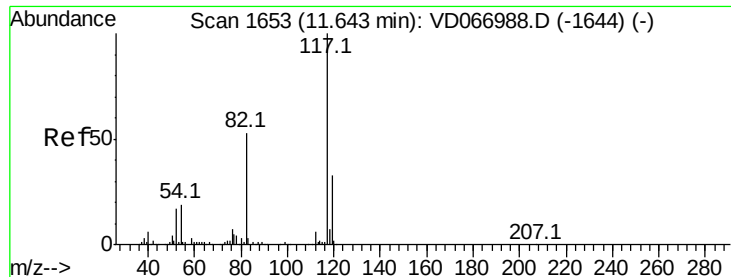
Tot Ion:107 Resp: 130704
 Ion Ratio Lower Upper
 107 100
 109 91.8 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 52.563 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD067034.D
 Acq: 02 Oct 2020 14:37

Tgt Ion: 95 Resp: 182076
 Ion Ratio Lower Upper
 95 100
 174 84.1 0.0 167.6
 176 80.6 0.0 162.4

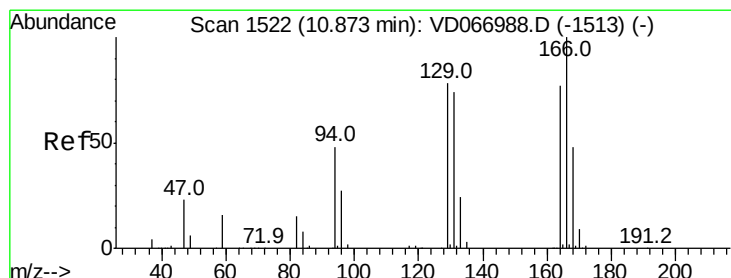
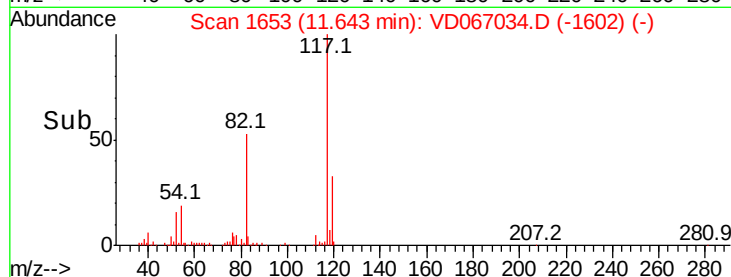
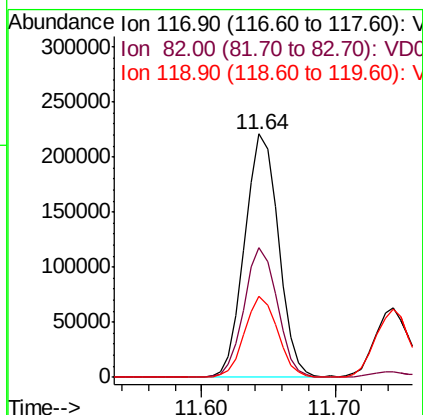
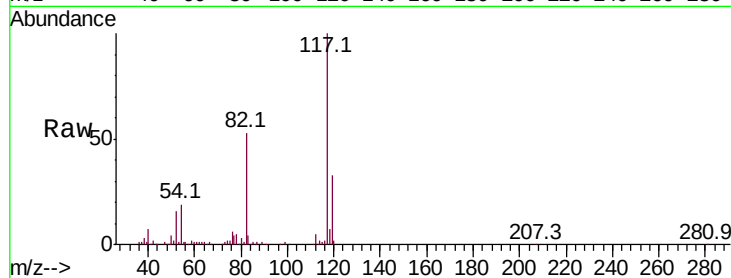




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD067034.D
Acq: 02 Oct 2020 14:37

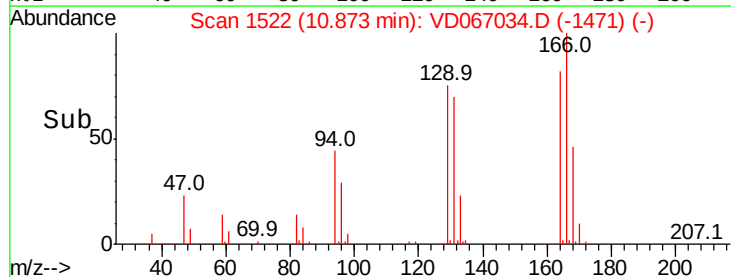
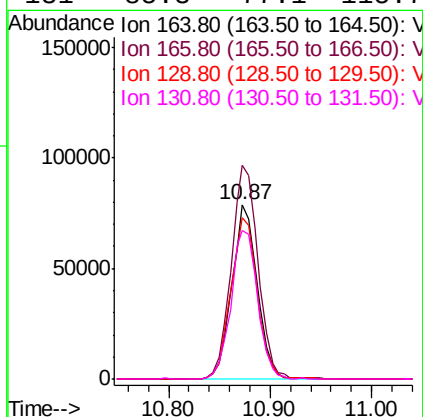
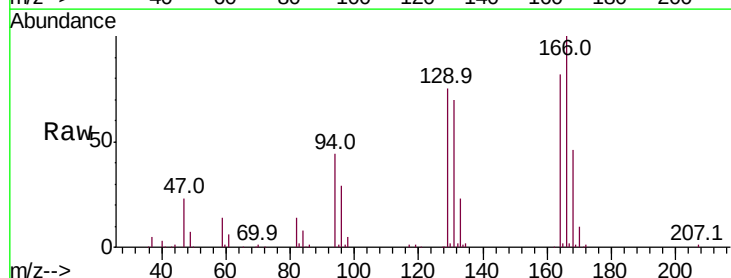
Instrument :
MSVOA_D
ClientSampleId :
B-15(3-4)MS

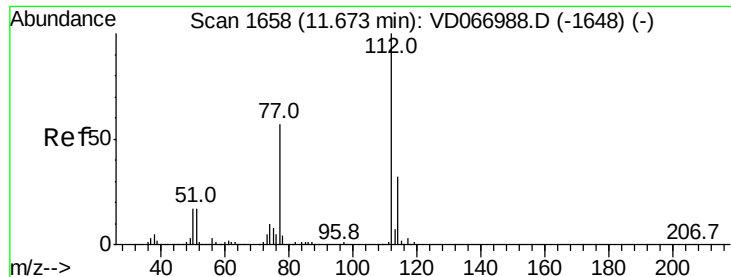
Tot Ion:117 Resp: 387722
Ion Ratio Lower Upper
117 100
82 53.2 42.6 63.8
119 33.1 26.3 39.5



#64
Tetrachloroethene
Concen: 48.649 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD067034.D
Acq: 02 Oct 2020 14:37

Tgt Ion:164 Resp: 137129
Ion Ratio Lower Upper
164 100
166 122.3 104.4 156.6
129 92.2 81.3 121.9
131 85.3 77.1 115.7





#65

Chlorobenzene

Concen: 50.227 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

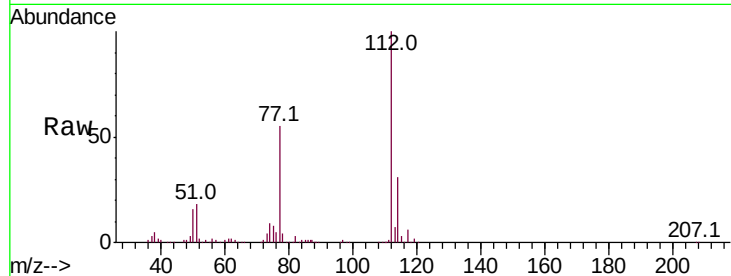
B-15(3-4)MS

Tot Ion:112 Resp: 387313

Ion Ratio Lower Upper

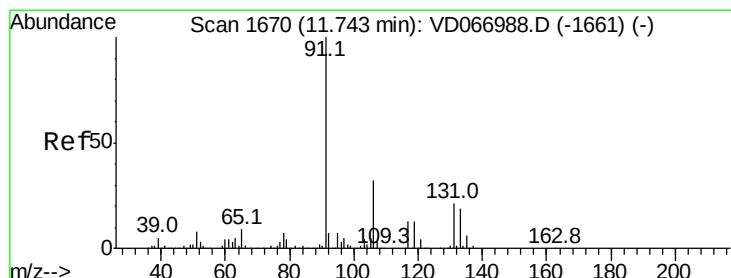
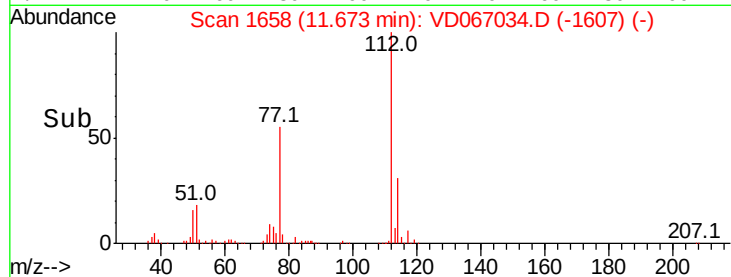
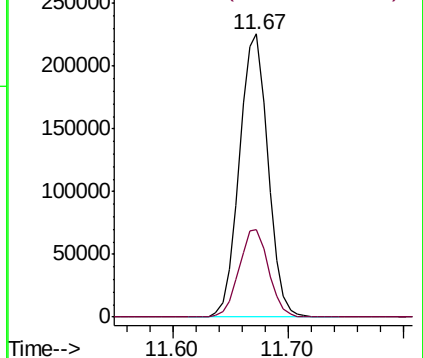
112 100

114 31.0 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 57.342 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

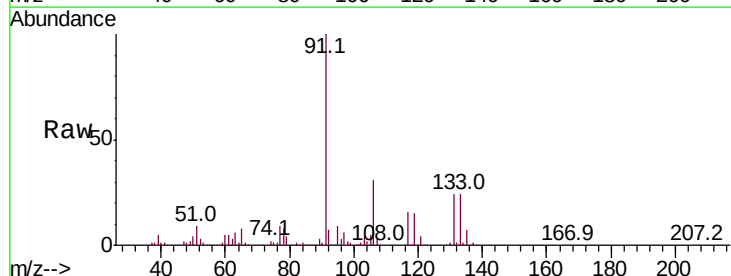
Tgt Ion:131 Resp: 168200

Ion Ratio Lower Upper

131 100

133 97.3 47.8 143.3

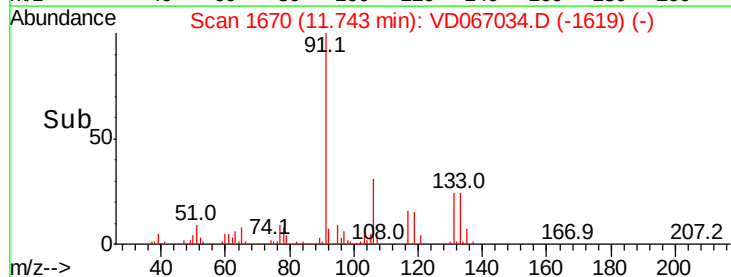
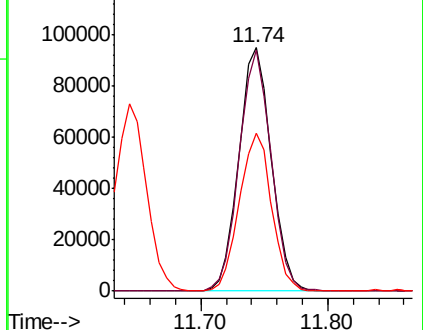
119 64.8 32.3 96.8

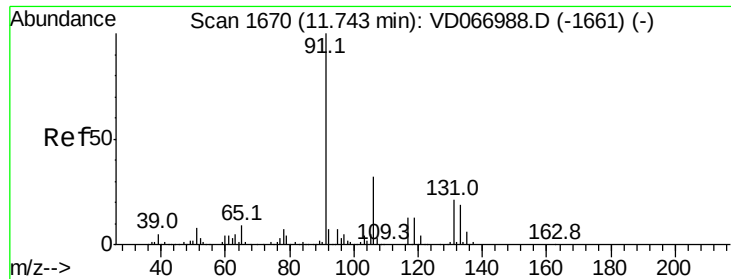


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.455 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

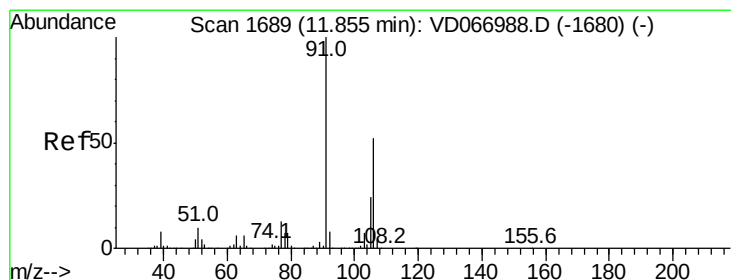
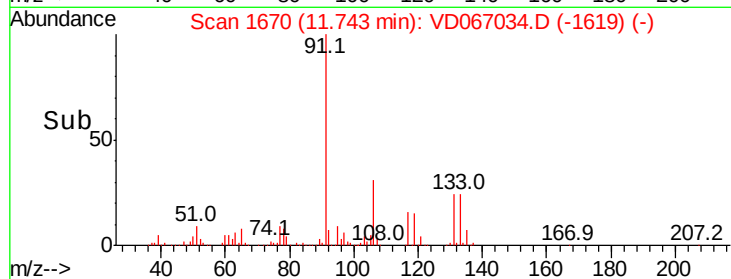
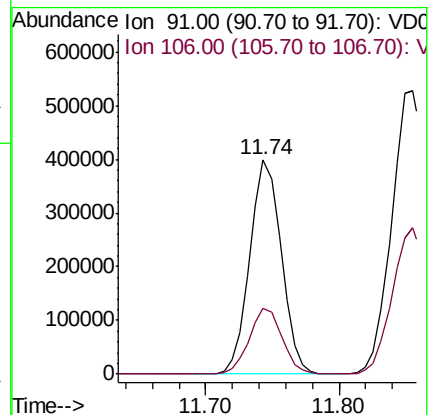
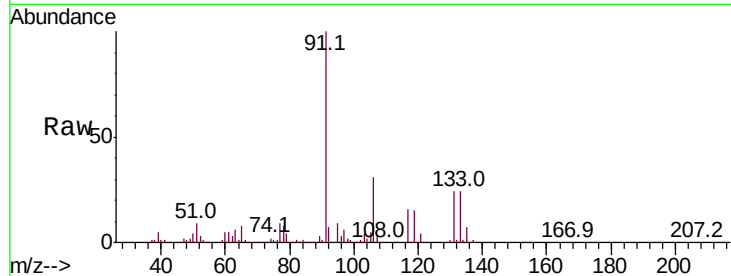
B-15(3-4)MS

Tot Ion: 91 Resp: 653424

Ion Ratio Lower Upper

91 100

106 30.9 25.4 38.2



#68

m/p-Xylenes

Concen: 100.724 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD067034.D

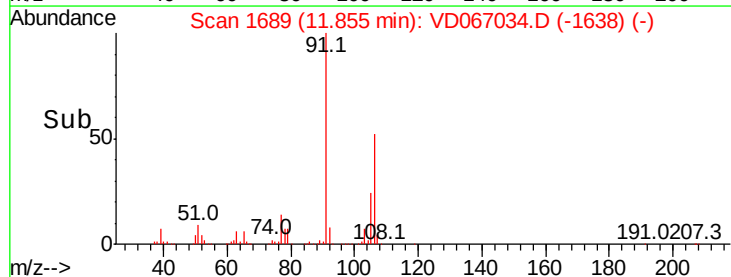
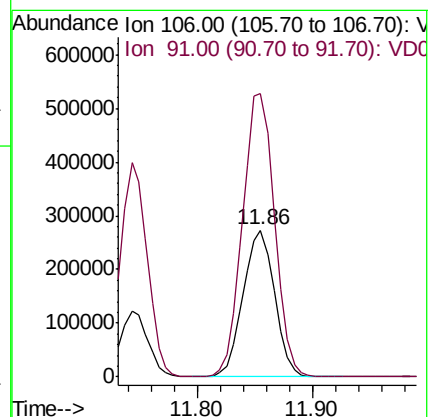
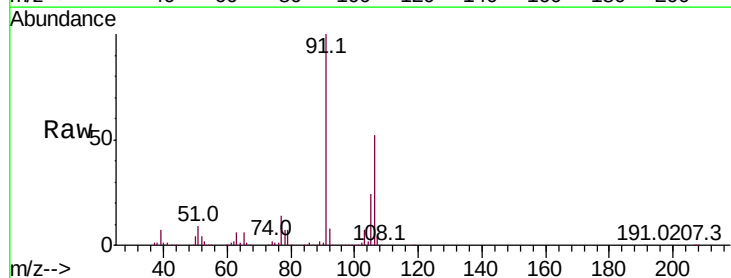
Acq: 02 Oct 2020 14:37

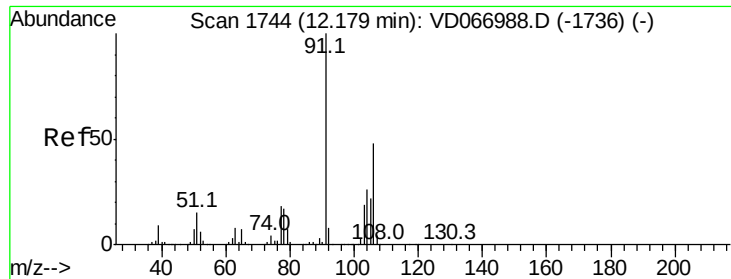
Tgt Ion: 106 Resp: 518641

Ion Ratio Lower Upper

106 100

91 196.4 158.4 237.6

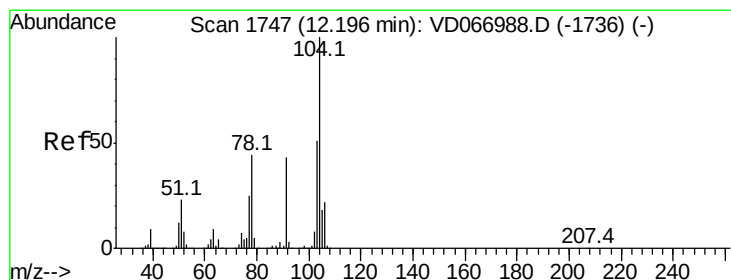
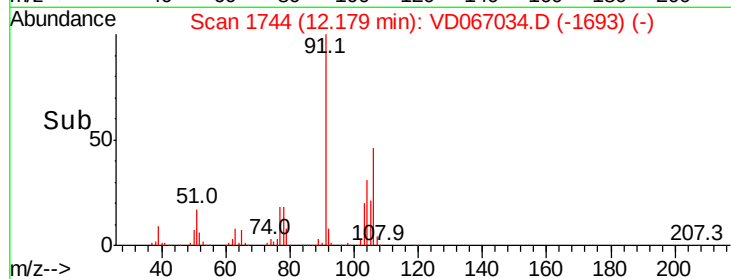
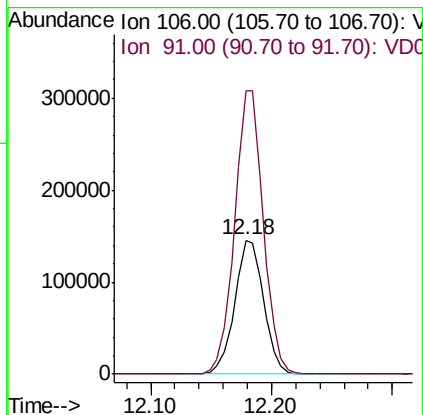
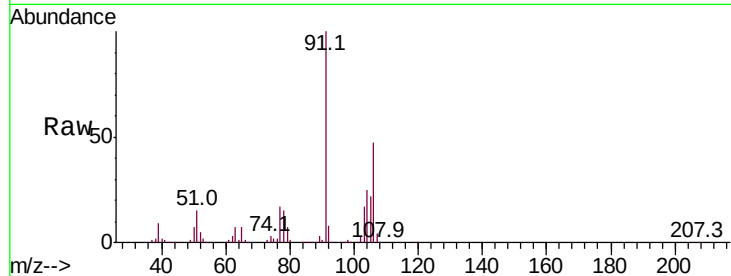




#69
o-Xylene
Concen: 52.663 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD067034.D
Acq: 02 Oct 2020 14:37

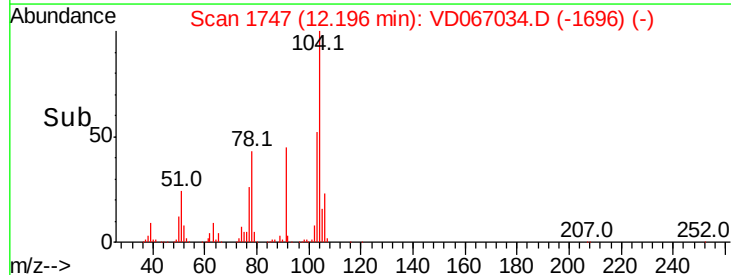
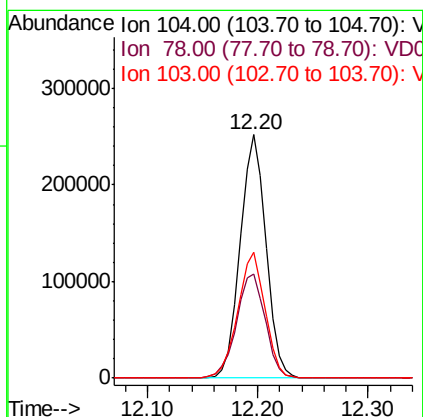
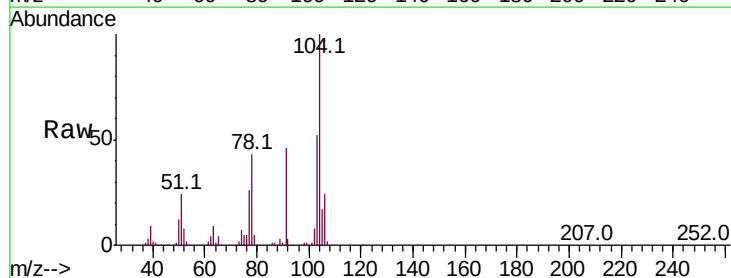
Instrument :
MSVOA_D
ClientSampleId :
B-15(3-4)MS

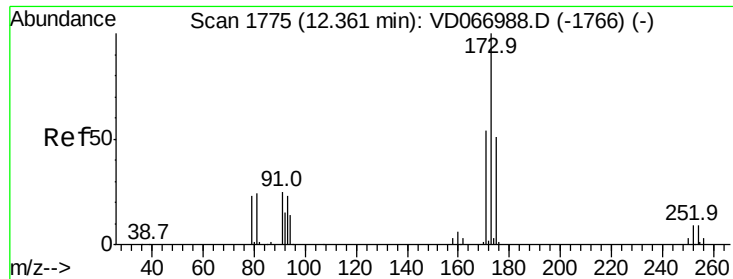
Tot Ion:106 Resp: 242493
Ion Ratio Lower Upper
106 100
91 209.8 102.4 307.2



#70
Styrene
Concen: 52.456 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD067034.D
Acq: 02 Oct 2020 14:37

Tgt Ion:104 Resp: 414756
Ion Ratio Lower Upper
104 100
78 47.8 38.6 58.0
103 54.7 43.4 65.0





#71

Bromoform

Concen: 63.828 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

B-15(3-4)MS

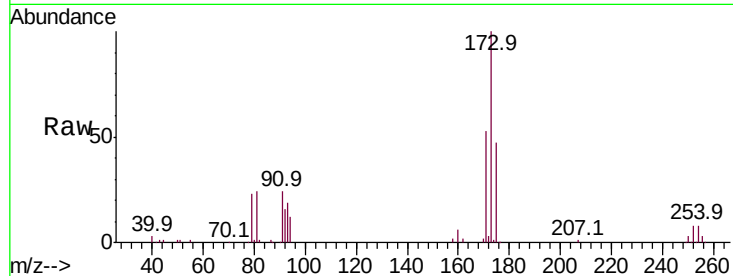
Tot Ion:173 Resp: 97186

Ion Ratio Lower Upper

173 100

175 47.8 24.9 74.7

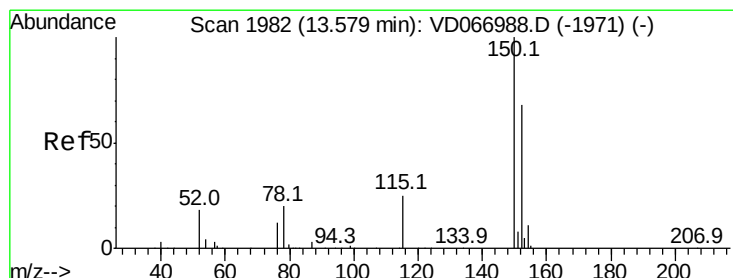
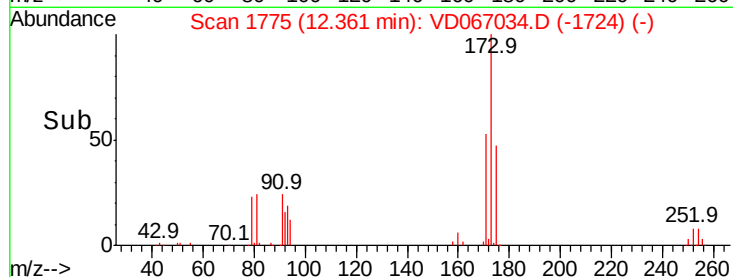
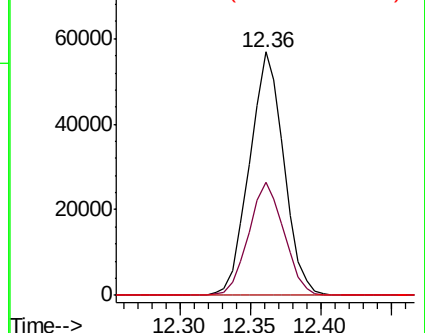
254 0.0 0.2 0.4#



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: VD067034.D

Acq: 02 Oct 2020 14:37

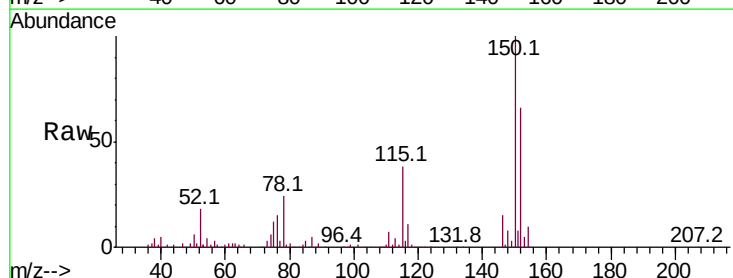
Tgt Ion:152 Resp: 172291

Ion Ratio Lower Upper

152 100

115 58.6 29.6 88.8

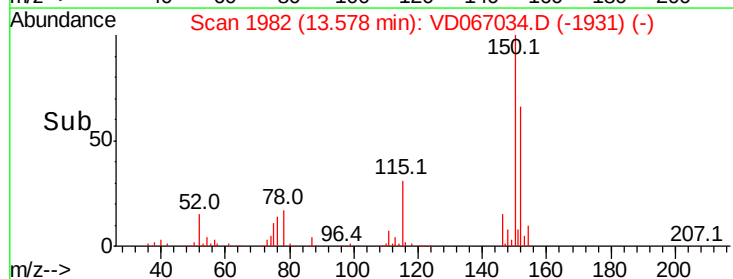
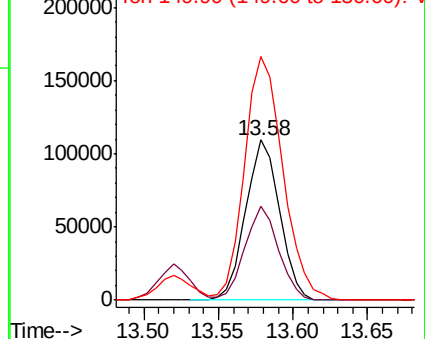
150 172.4 0.0 344.8

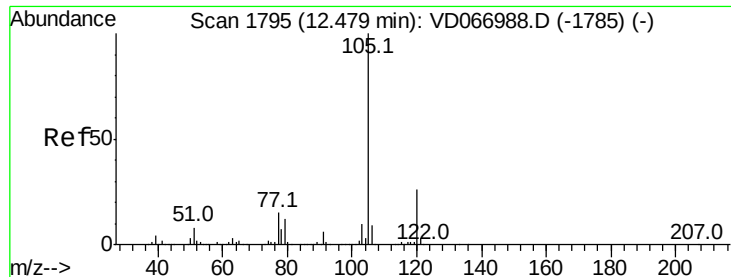


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.517 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

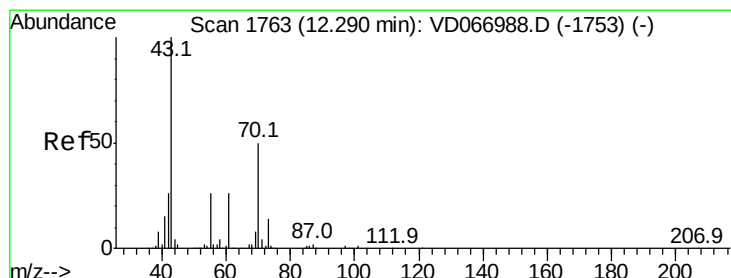
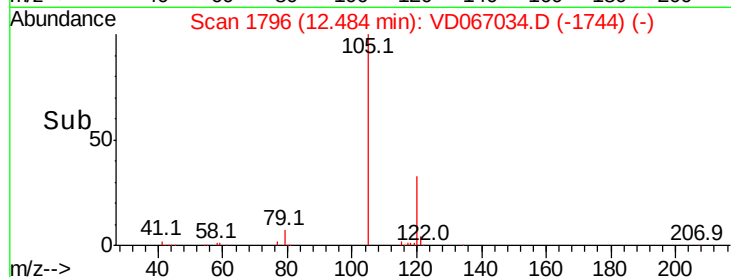
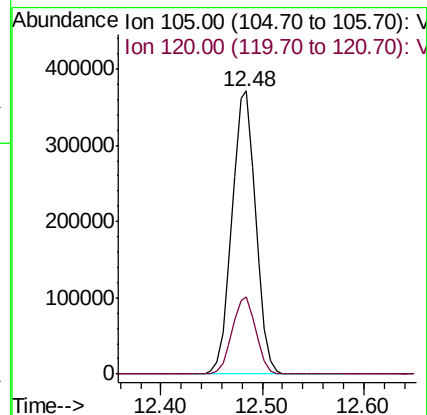
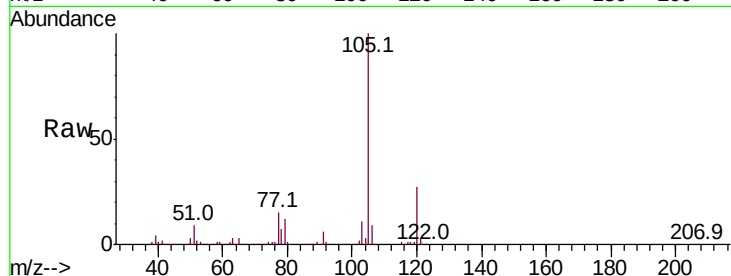
B-15(3-4)MS

Tot Ion:105 Resp: 602688

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.9



#74

N-ethyl acetate

Concen: 67.246 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Tgt Ion: 43 Resp: 141422

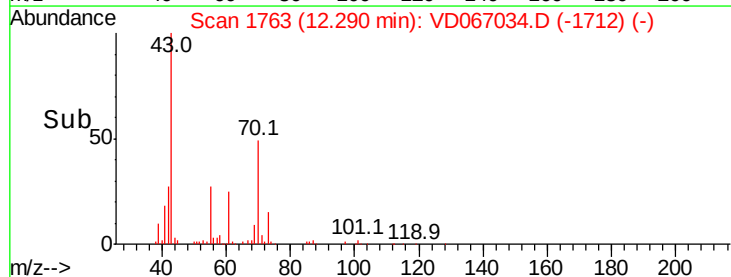
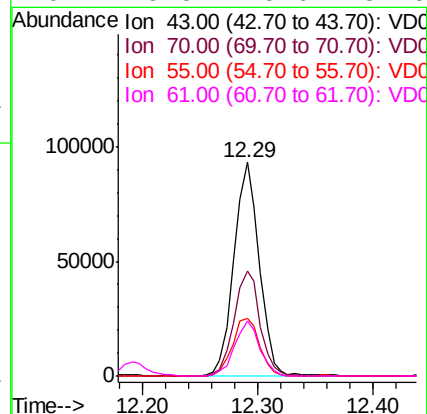
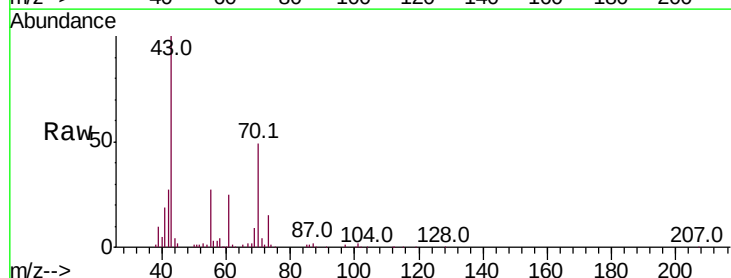
Ion Ratio Lower Upper

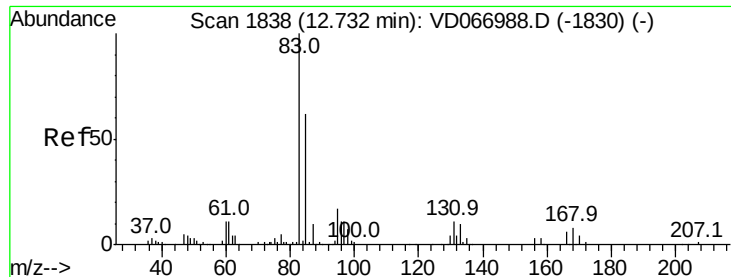
43 100

70 50.2 38.2 57.2

55 28.8 22.4 33.6

61 25.3 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 70.751 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

B-15(3-4)MS

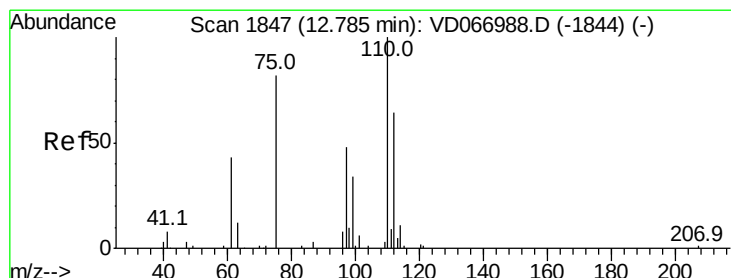
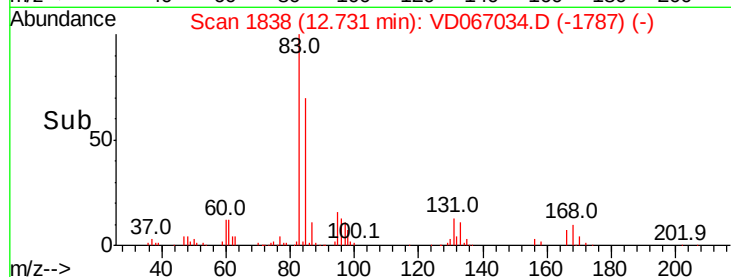
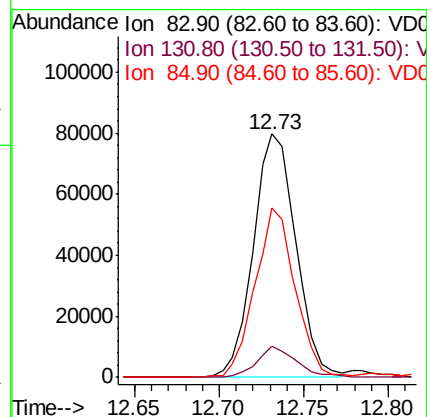
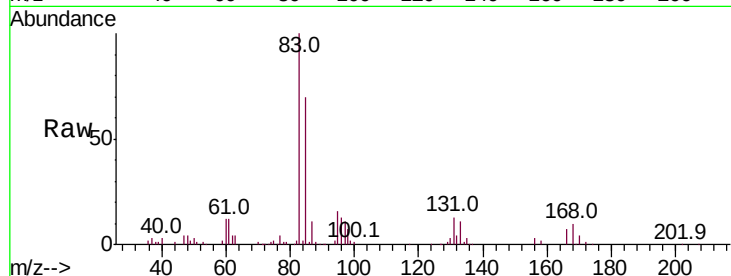
Tot Ion: 83 Resp: 139456

Ion Ratio Lower Upper

83 100

131 11.7 5.7 17.0

85 66.0 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 111.643 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD067034.D

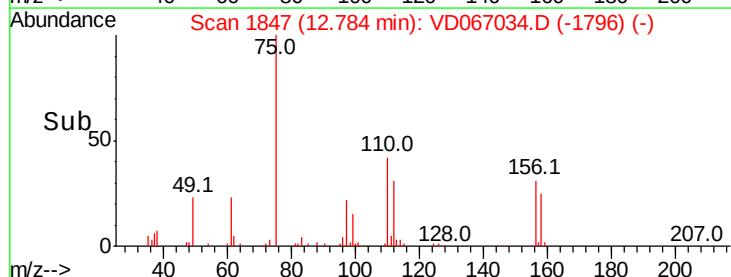
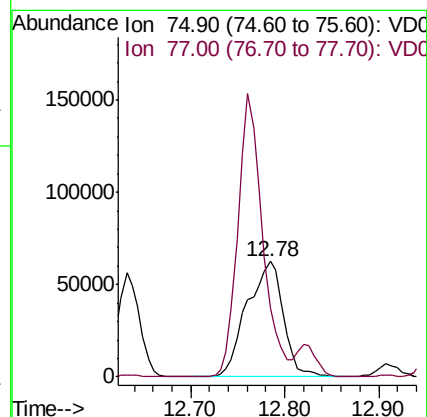
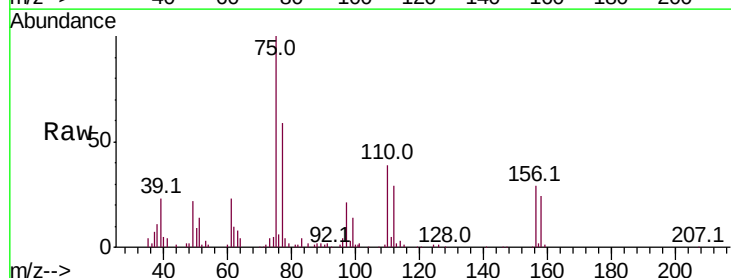
Acq: 02 Oct 2020 14:37

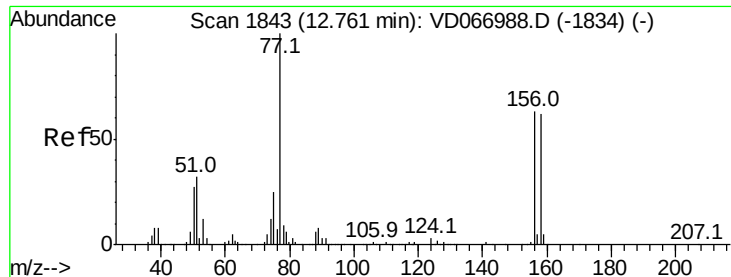
Tgt Ion: 75 Resp: 167544

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 57.885 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

B-15(3-4)MS

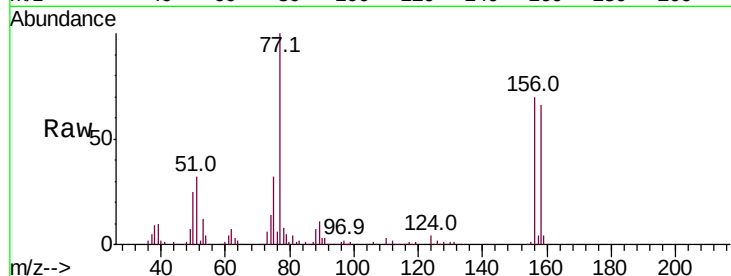
Tot Ion:156 Resp: 163514

Ion Ratio Lower Upper

156 100

77 173.1 86.3 258.8

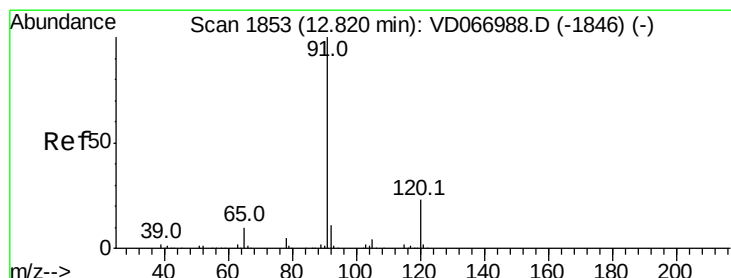
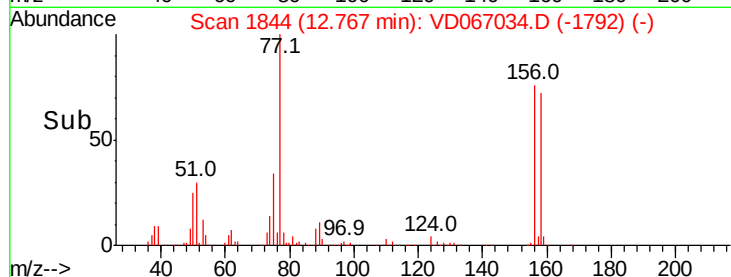
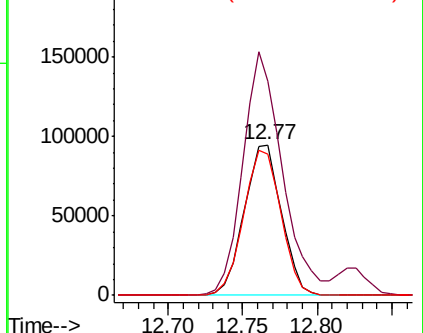
158 96.8 49.5 148.3



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: 47.693 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD067034.D

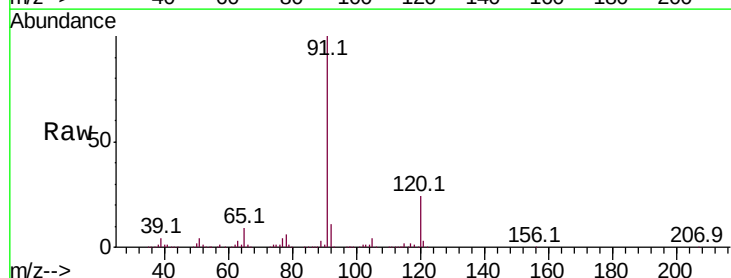
Acq: 02 Oct 2020 14:37

Tgt Ion: 91 Resp: 659398

Ion Ratio Lower Upper

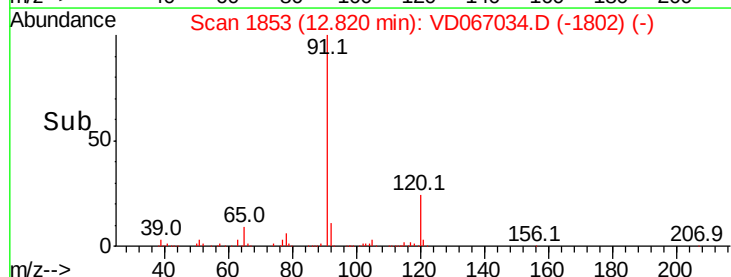
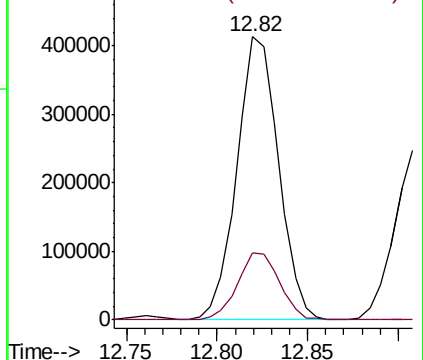
91 100

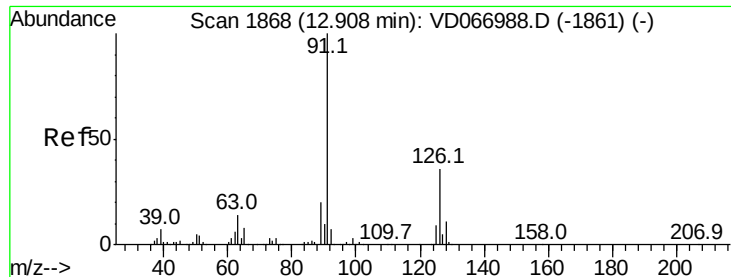
120 23.9 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

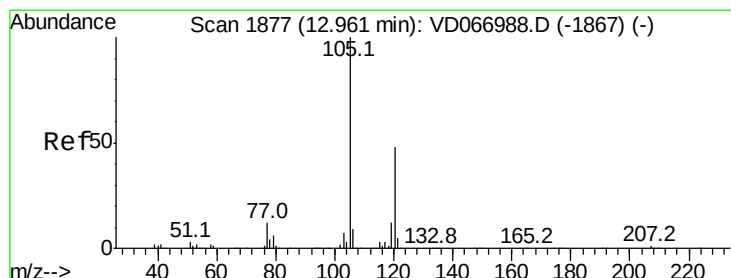
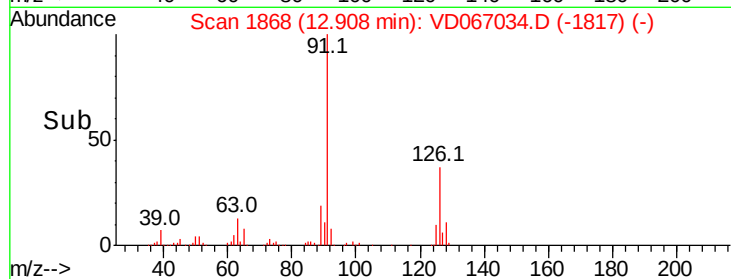
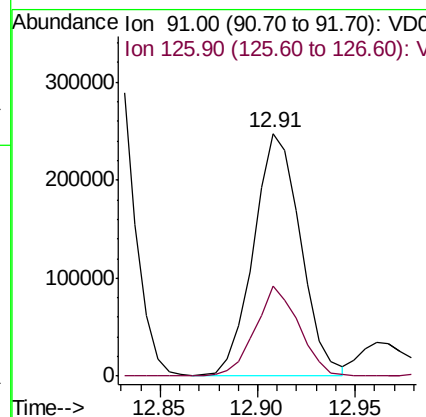
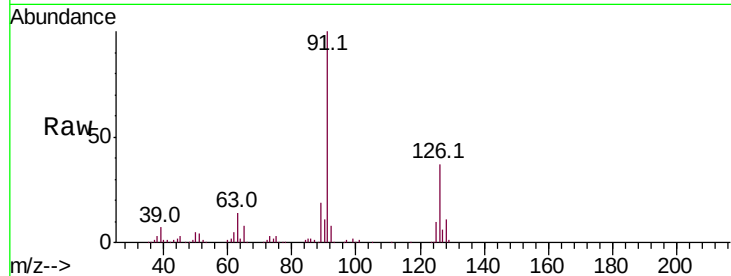




#79
 2-Chlorotoluene
 Concen: 52.123 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD067034.D
 Acq: 02 Oct 2020 14:37

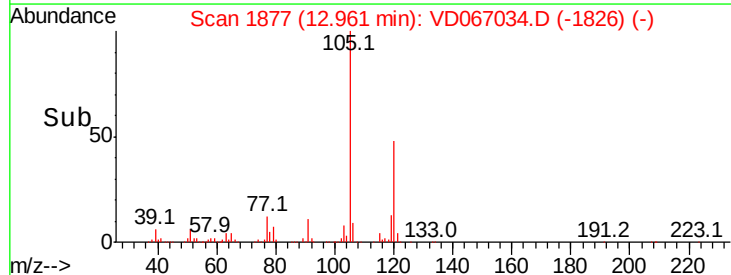
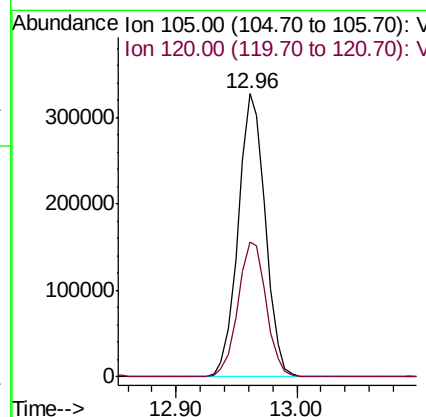
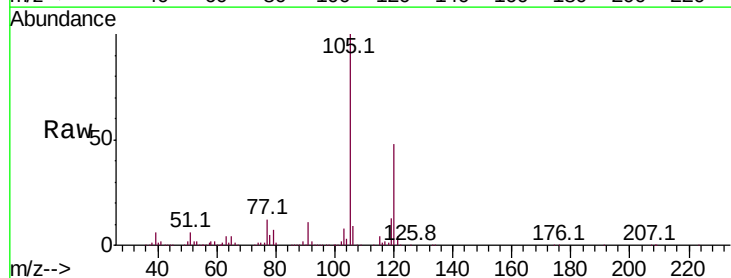
Instrument :
 MSVOA_D
 ClientSampleId :
 B-15(3-4)MS

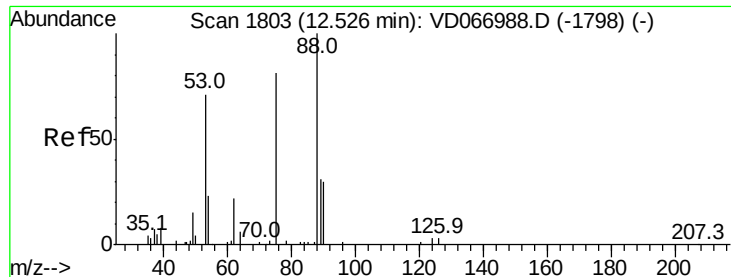
Tot Ion: 91 Resp: 412319
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 51.722 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD067034.D
 Acq: 02 Oct 2020 14:37

Tgt Ion: 105 Resp: 511229
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 68.138 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

B-15(3-4)MS

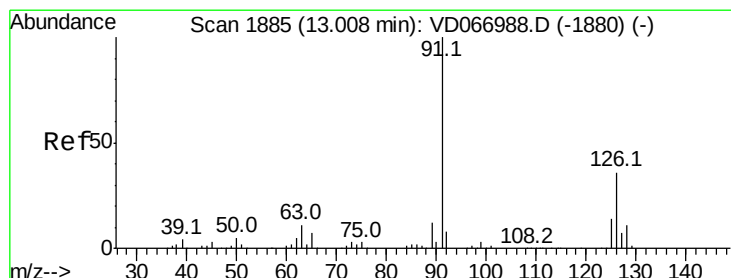
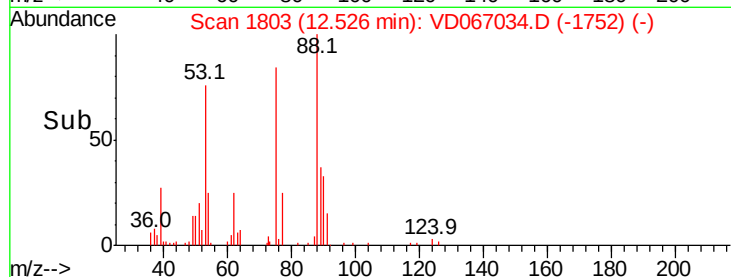
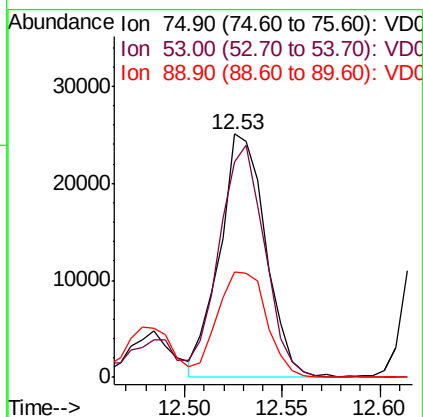
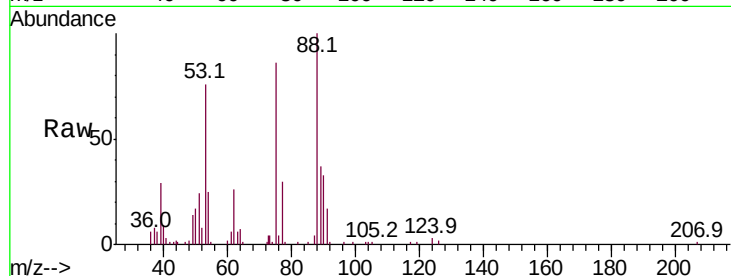
Tot Ion: 75 Resp: 41015

Ion Ratio Lower Upper

75 100

53 96.2 73.8 110.6

89 46.6 38.9 58.3



#82

4-Chlorotoluene

Concen: 48.943 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD067034.D

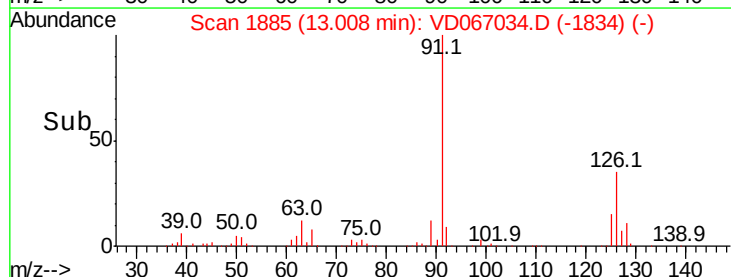
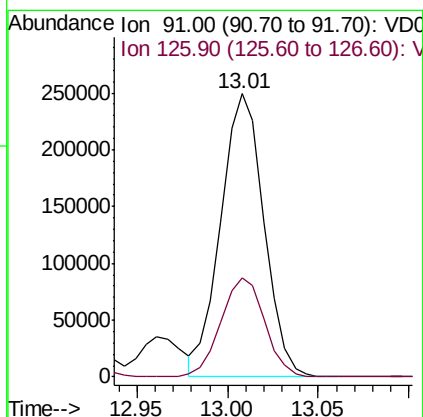
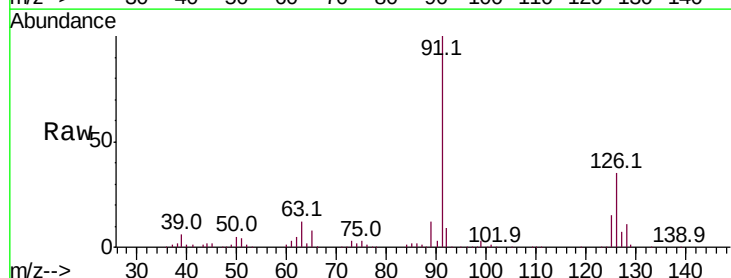
Acq: 02 Oct 2020 14:37

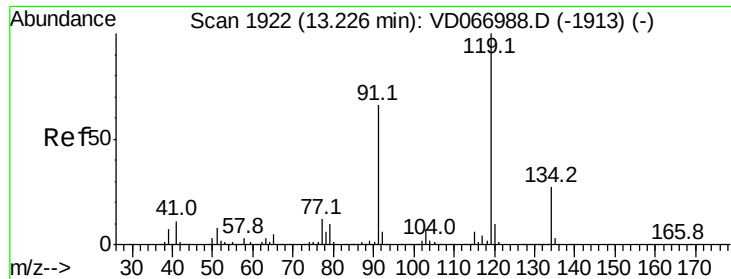
Tgt Ion: 91 Resp: 411924

Ion Ratio Lower Upper

91 100

126 35.4 17.5 52.5

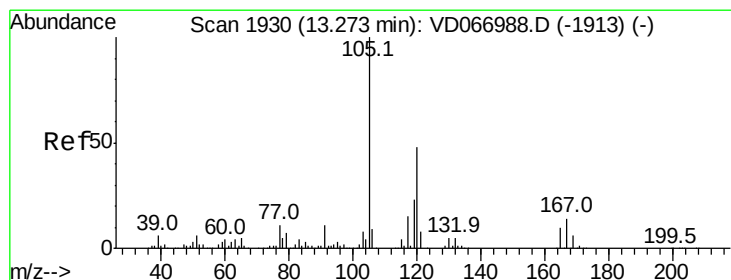
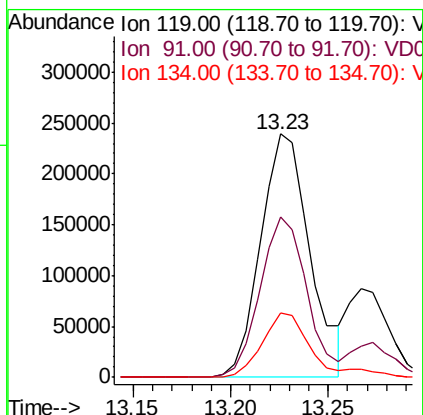
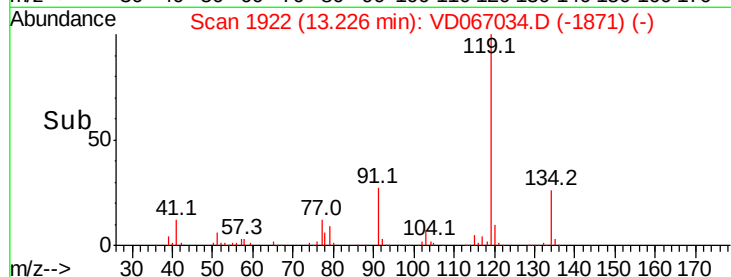
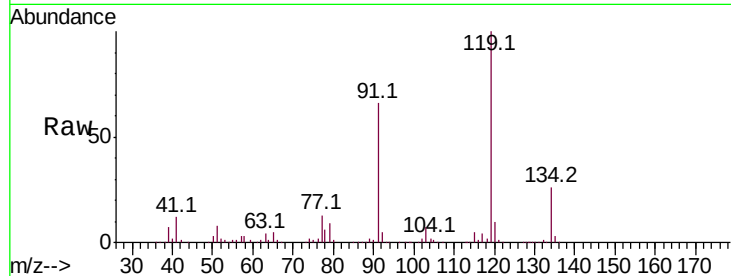




#83
tert-Butylbenzene
Concen: 50.417 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD067034.D
Acq: 02 Oct 2020 14:37

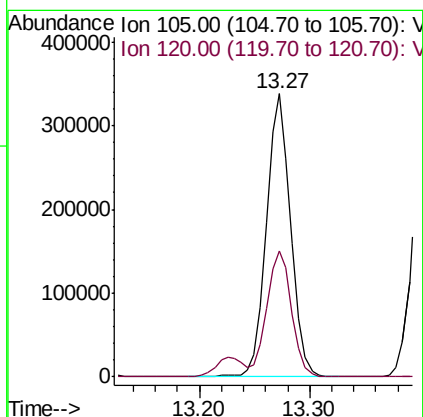
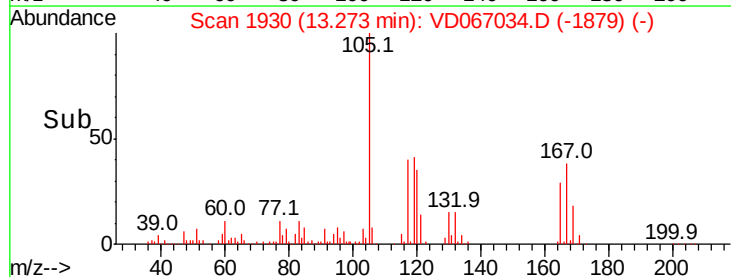
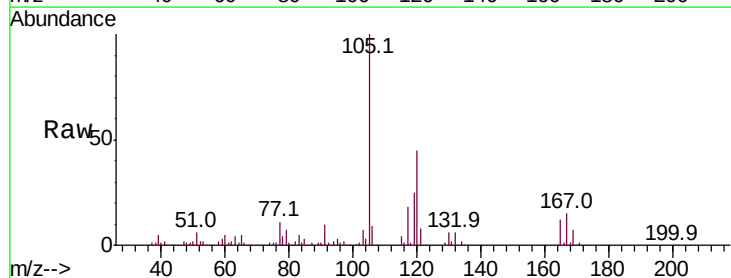
Instrument :
MSVOA_D
ClientSampleId :
B-15(3-4)MS

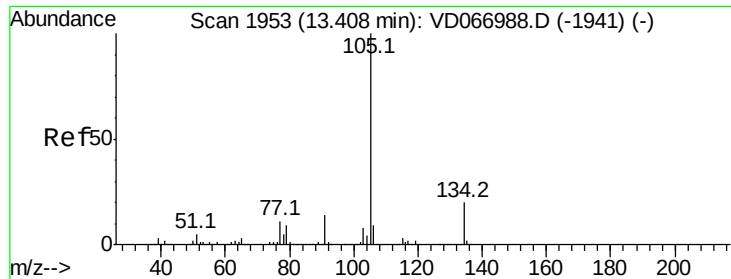
Tot Ion:119 Resp: 419638
Ion Ratio Lower Upper
119 100
91 62.2 32.8 98.3
134 26.7 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 52.455 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067034.D
Acq: 02 Oct 2020 14:37

Tgt Ion:105 Resp: 517419
Ion Ratio Lower Upper
105 100
120 45.6 23.3 69.8





#85

sec-Butylbenzene

Concen: 43.525 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

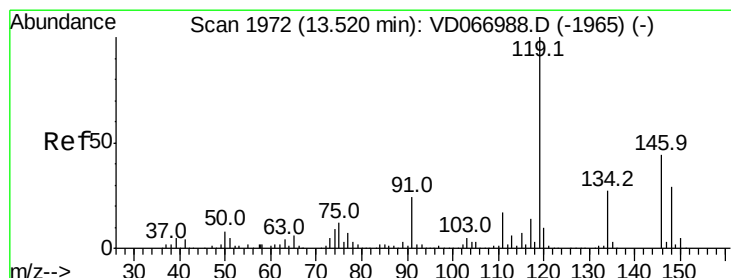
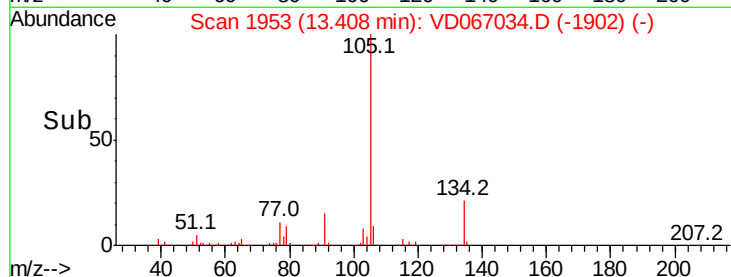
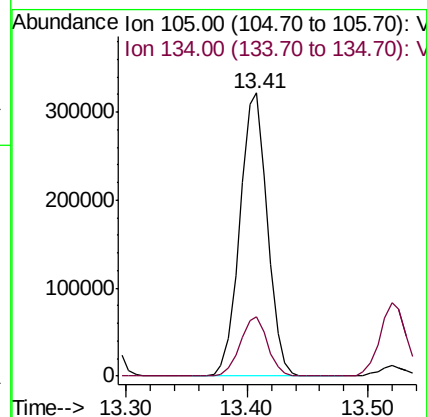
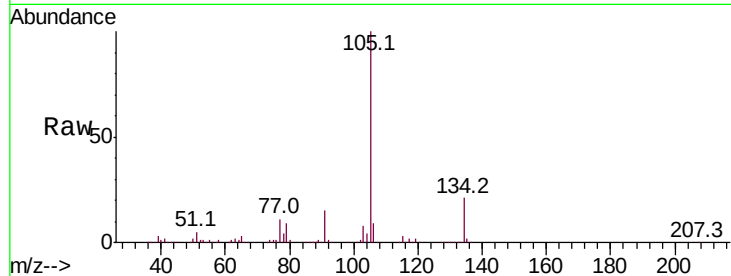
B-15(3-4)MS

Tot Ion:105 Resp: 510172

Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.8



#86

p-Isopropyltoluene

Concen: 43.024 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

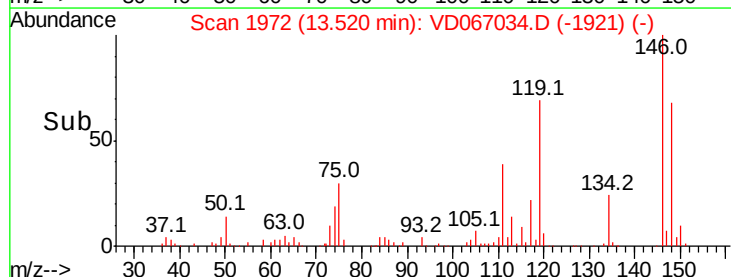
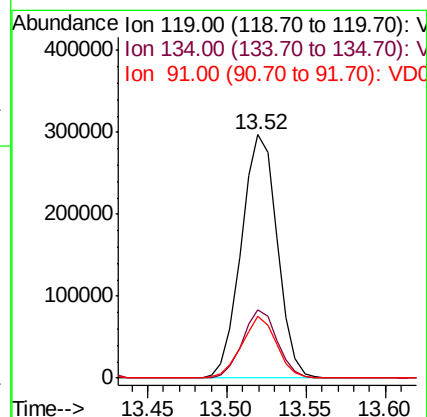
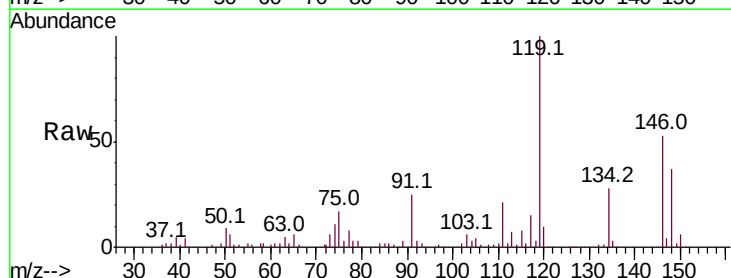
Tgt Ion:119 Resp: 467545

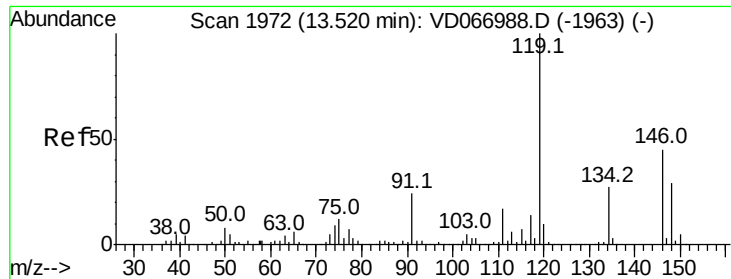
Ion Ratio Lower Upper

119 100

134 27.2 13.1 39.1

91 24.1 11.7 35.1

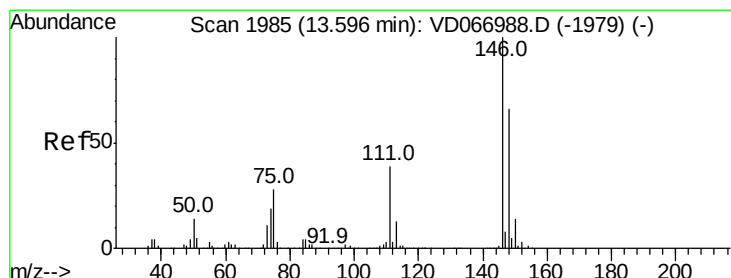
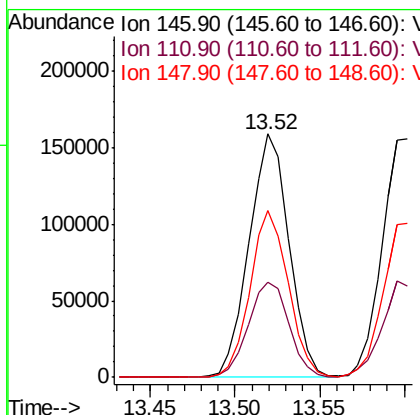
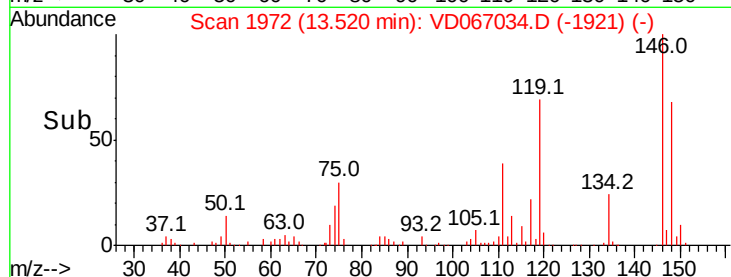
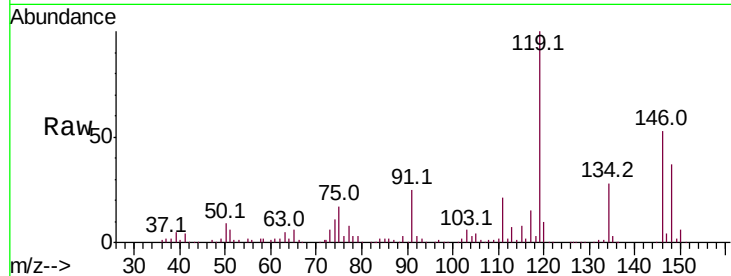




#87
 1,3-Dichlorobenzene
 Concen: 47.460 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067034.D
 Acq: 02 Oct 2020 14:37

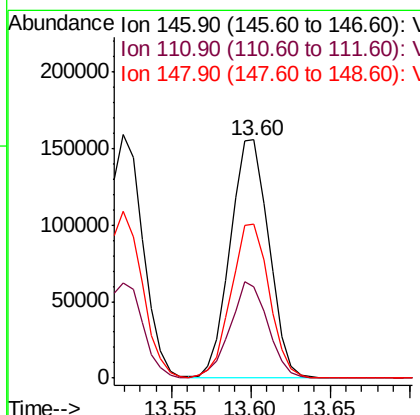
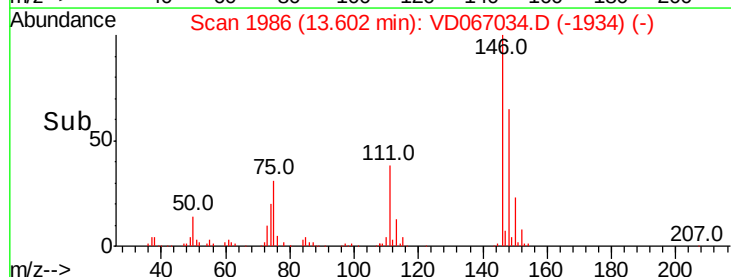
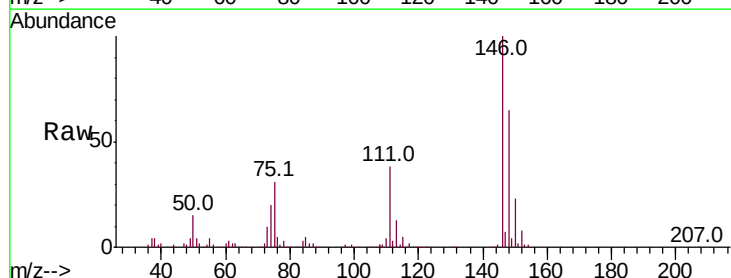
Instrument :
 MSVOA_D
 ClientSampleId :
 B-15(3-4)MS

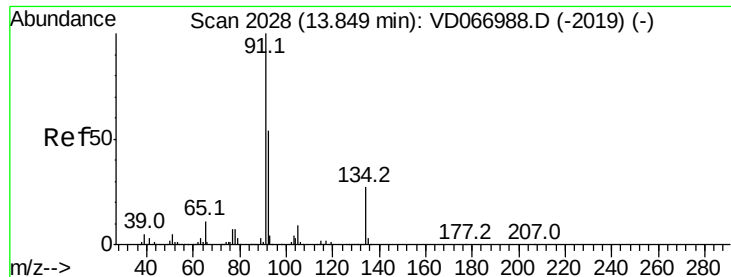
Tot Ion:146 Resp: 261140
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 60.0
 148 65.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 47.990 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067034.D
 Acq: 02 Oct 2020 14:37

Tgt Ion:146 Resp: 264025
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.6 58.7
 148 63.8 32.6 97.7

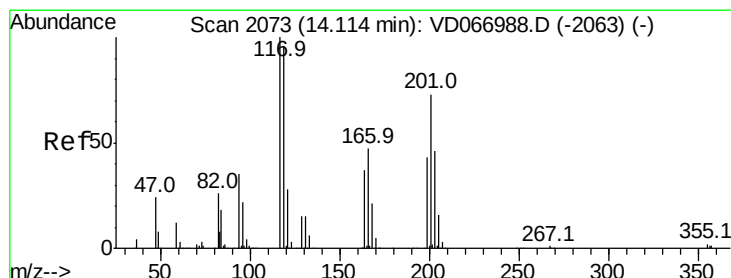
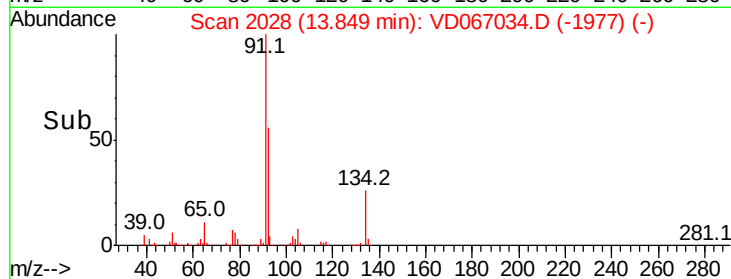
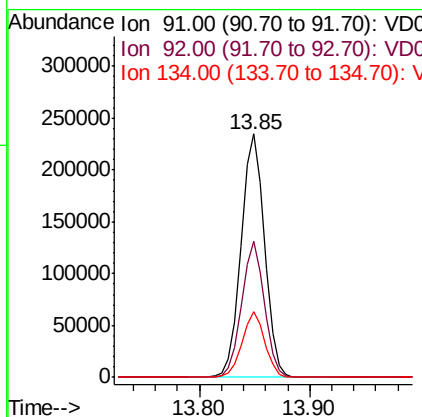
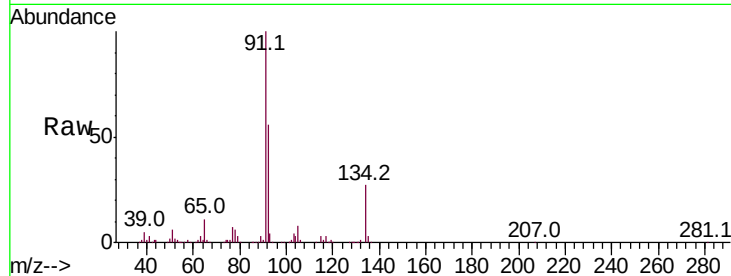




#89
n-Butylbenzene
Concen: 35.388 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067034.D
Acq: 02 Oct 2020 14:37

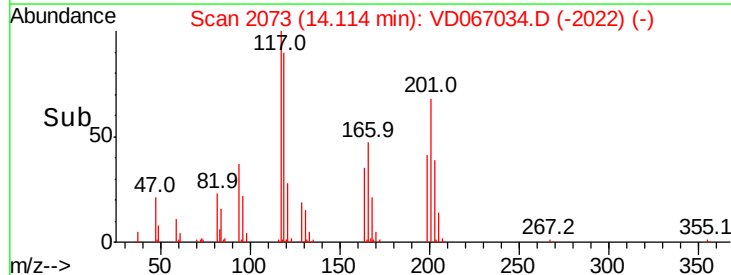
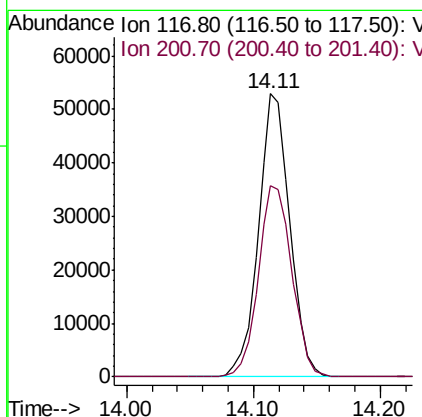
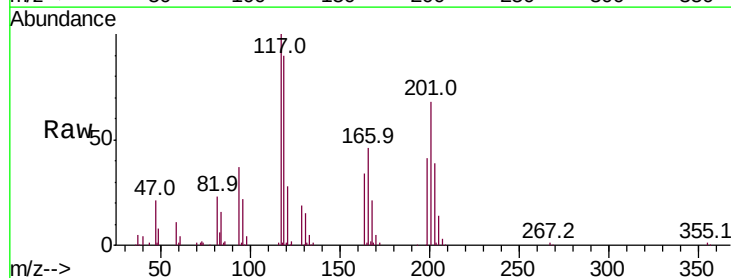
Instrument :
MSVOA_D
ClientSampleId :
B-15(3-4)MS

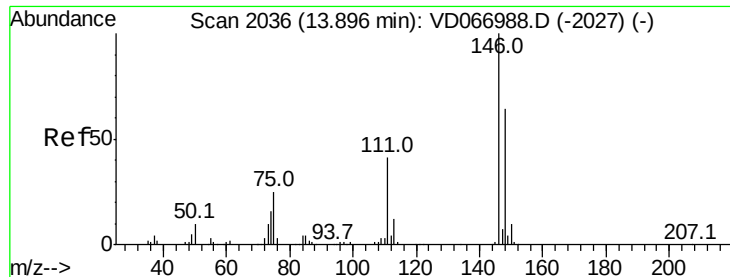
Tot Ion: 91 Resp: 351460
Ion Ratio Lower Upper
91 100
92 54.1 27.1 81.2
134 25.9 13.6 40.8



#90
Hexachloroethane
Concen: 47.786 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067034.D
Acq: 02 Oct 2020 14:37

Tgt Ion: 117 Resp: 90963
Ion Ratio Lower Upper
117 100
201 72.1 37.0 110.9

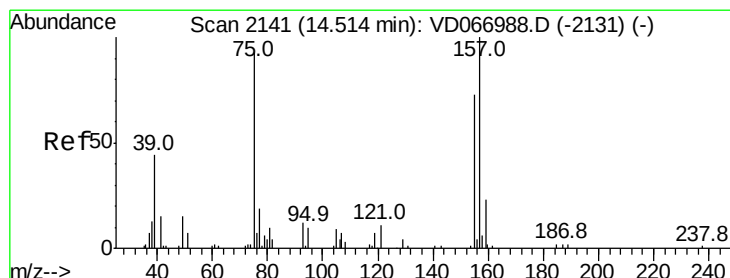
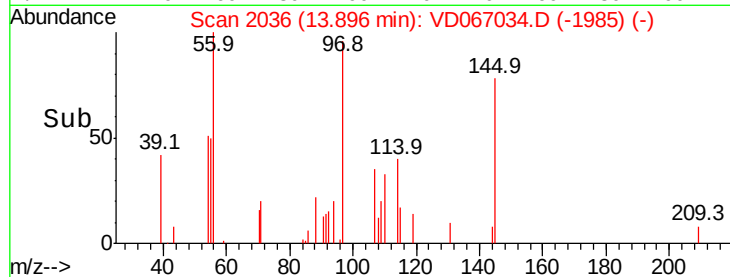
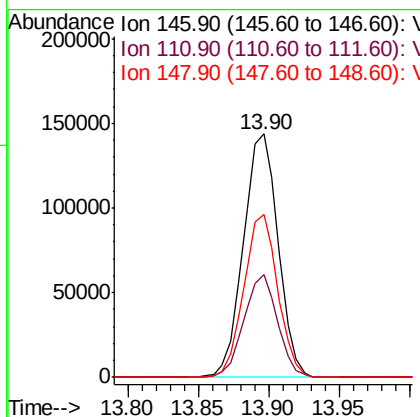
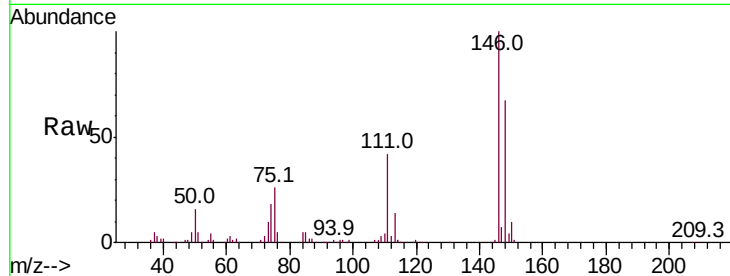




#91
 1,2-Dichlorobenzene
 Concen: 51.578 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD067034.D
 Acq: 02 Oct 2020 14:37

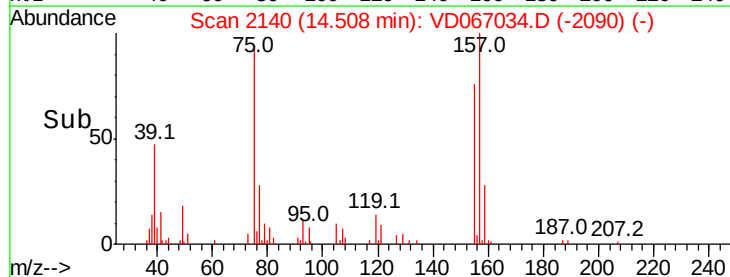
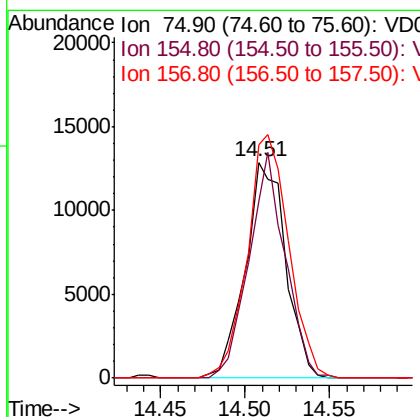
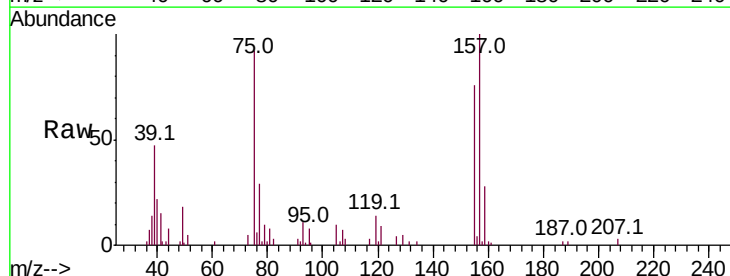
Instrument :
 MSVOA_D
 ClientSampleId :
 B-15(3-4)MS

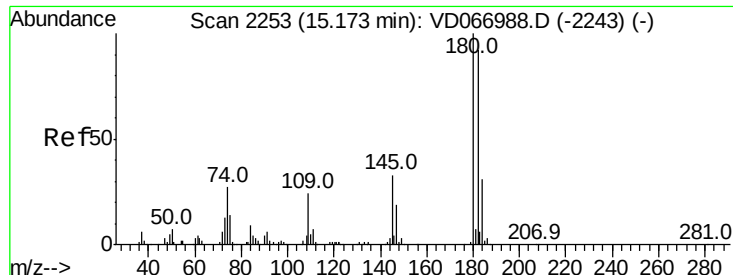
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.9	62.7
148	65.5	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 67.405 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067034.D
 Acq: 02 Oct 2020 14:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.5	45.2	135.6
157	115.9	56.3	168.8

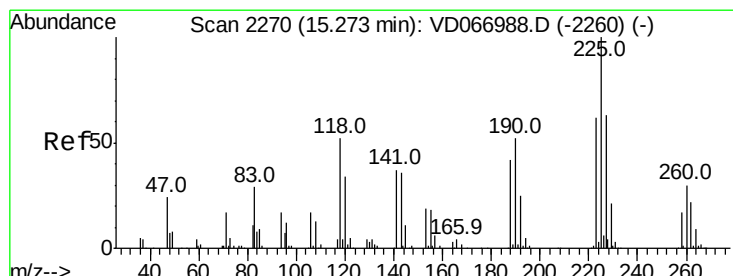
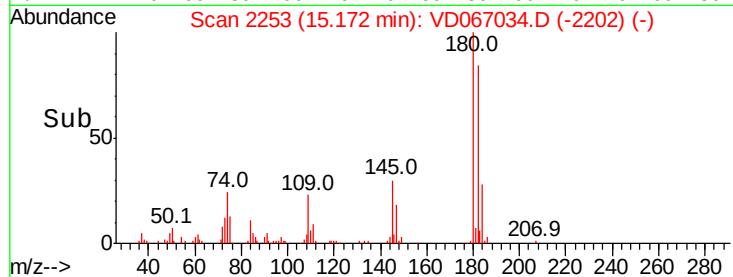
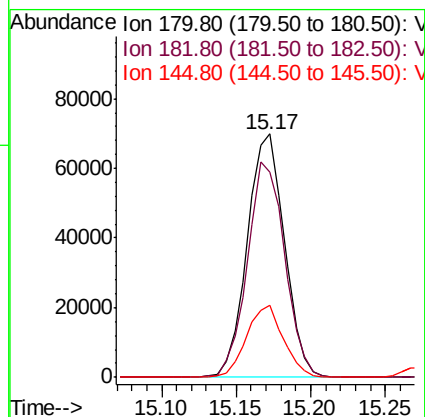
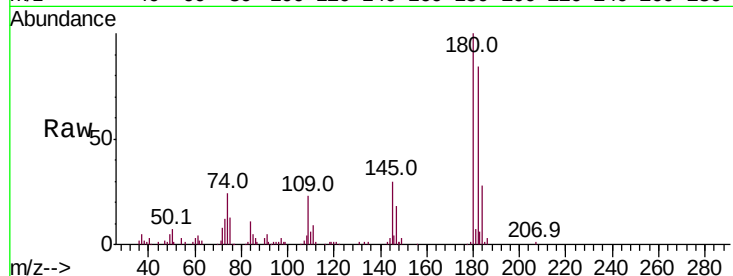




#93
 1,2,4-Trichlorobenzene
 Concen: 38.780 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD067034.D
 Acq: 02 Oct 2020 14:37

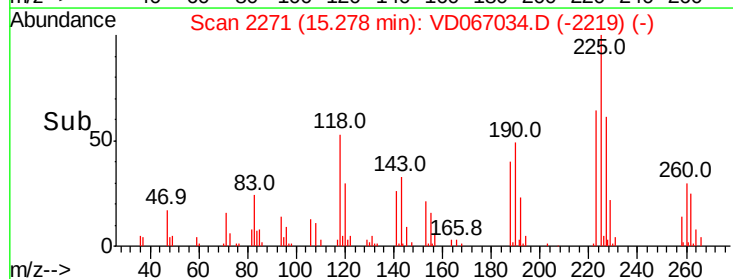
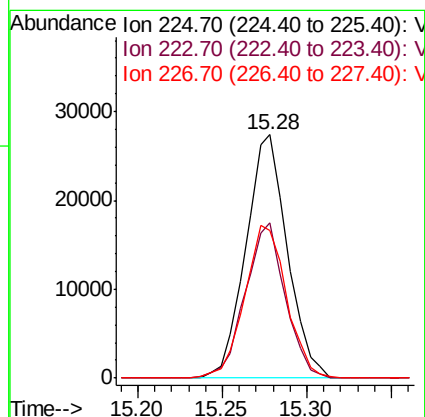
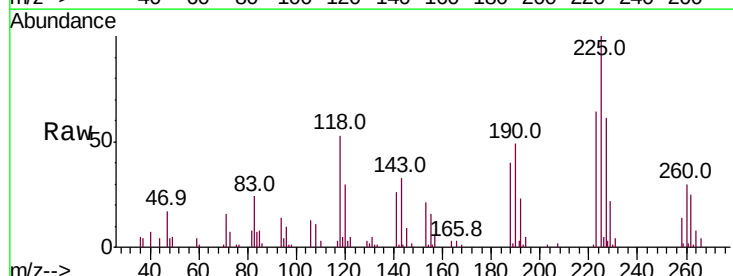
Instrument :
 MSVOA_D
 ClientSampleId :
 B-15(3-4)MS

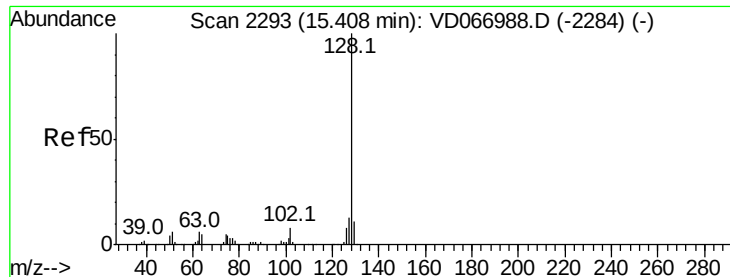
Tot Ion:	180	Resp:	120539
Ion	Ratio	Lower	Upper
180	100		
182	88.9	47.3	142.0
145	29.4	16.4	49.1



#94
 Hexachlorobutadiene
 Concen: 24.396 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067034.D
 Acq: 02 Oct 2020 14:37

Tgt Ion:	225	Resp:	46569
Ion	Ratio	Lower	Upper
225	100		
223	61.8	32.4	97.0
227	63.7	31.6	95.0





#95

Naphthalene

Concen: 53.675 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

B-15(3-4)MS

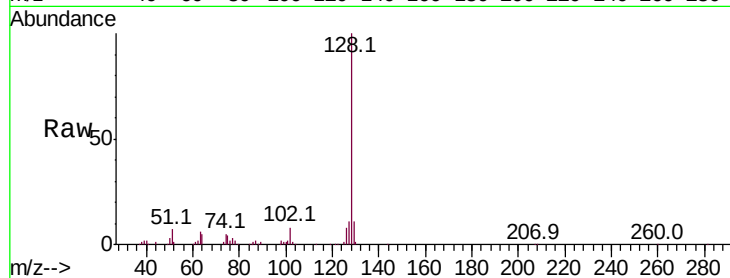
Tot Ion:128 Resp: 278274

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

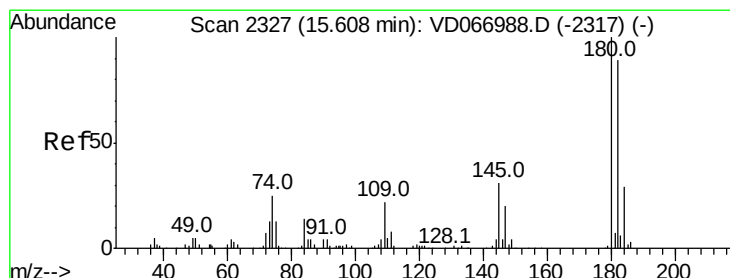
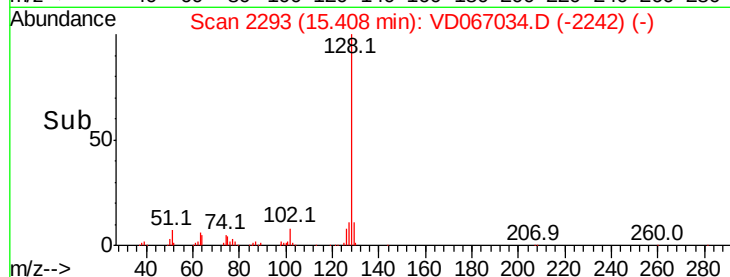
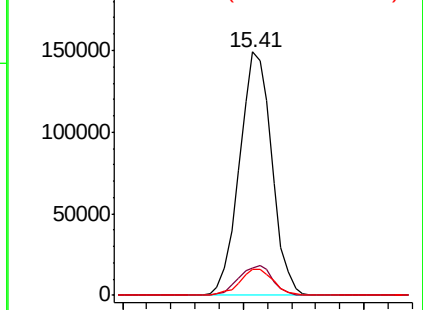
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 40.900 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.01 min

Lab File: VD067034.D

Acq: 02 Oct 2020 14:37

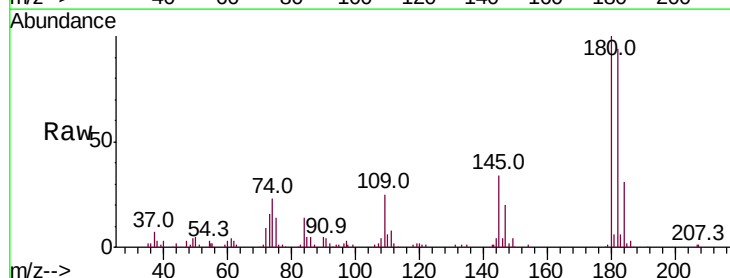
Tgt Ion:180 Resp: 110357

Ion Ratio Lower Upper

180 100

182 93.6 46.4 139.1

145 34.0 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

