

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067009.D
 Acq On : 02 Oct 2020 00:08
 Operator : VA/SY
 Sample : VD1001SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBS02

Quant Time: Oct 02 01:26:59 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	417510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	690731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	645542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	307242	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	207660	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	7.91	113	220727	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	10.34	98	824984	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	12.63	95	281318	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	78196	20.322	ug/l	99
3) Chloromethane	2.21	50	71705	21.566	ug/l	98
4) Vinyl Chloride	2.35	62	68744	20.619	ug/l	94
5) Bromomethane	2.76	94	54198	22.870	ug/l	95
6) Chloroethane	2.92	64	43349	21.350	ug/l	95
7) Trichlorofluoromethane	3.27	101	138405	18.685	ug/l	92
8) Diethyl Ether	3.71	74	39309	21.401	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	79221	18.922	ug/l	100
10) Methyl Iodide	4.30	142	78364	19.264	ug/l	97
11) Tert butyl alcohol	5.21	59	31843	107.394	ug/l #	92
12) 1,1-Dichloroethene	4.07	96	75704	19.235	ug/l	99
13) Acrolein	3.92	56	24560	91.208	ug/l	92
14) Allyl chloride	4.71	41	102184	19.986	ug/l	98
15) Acrylonitrile	5.43	53	72035	106.555	ug/l	96
16) Acetone	4.16	43	60322	98.264	ug/l	95
17) Carbon Disulfide	4.41	76	245535	20.328	ug/l	99
18) Methyl Acetate	4.71	43	35154	22.785	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	146561	20.399	ug/l	96
20) Methylene Chloride	4.97	84	130309	26.493	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	94845	21.175	ug/l	97
22) Diisopropyl ether	6.37	45	203323	21.782	ug/l	95
23) Vinyl Acetate	6.31	43	536841	101.493	ug/l	97
24) 1,1-Dichloroethane	6.27	63	153641	21.328	ug/l	97
25) 2-Butanone	7.21	43	87433	100.459	ug/l	98
26) 2,2-Dichloropropane	7.20	77	123959	17.437	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	101684	21.257	ug/l	99
28) Bromochloromethane	7.54	49	58839	21.150	ug/l	99
29) Tetrahydrofuran	7.56	42	51477	102.865	ug/l	98
30) Chloroform	7.71	83	167803	21.473	ug/l	98
31) Cyclohexane	7.98	56	106690	17.666	ug/l #	90
32) 1,1,1-Trichloroethane	7.90	97	146777	20.267	ug/l	98
36) 1,1-Dichloropropene	8.11	75	120923	18.782	ug/l	99
37) Ethyl Acetate	7.29	43	42907	19.237	ug/l #	78
38) Carbon Tetrachloride	8.10	117	130580	18.745	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	116609	17.131	ug/l	98
40) Benzene	8.35	78	364329	20.373	ug/l	99
41) Methacrylonitrile	7.53	41	28200	23.403	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	102678	20.548	ug/l	97
43) Isopropyl Acetate	8.44	43	80839	19.674	ug/l	99
44) Trichloroethene	9.11	130	103348	19.353	ug/l	99
45) 1,2-Dichloropropane	9.38	63	86642	20.620	ug/l	90
46) Dibromomethane	9.47	93	49293	20.411	ug/l	97
47) Bromodichloromethane	9.66	83	128173	20.417	ug/l	99
48) Methyl methacrylate	9.45	41	38139	18.118	ug/l	85
49) 1,4-Dioxane	9.46	88	9492	376.594	ug/l #	93
51) 4-Methyl-2-Pentanone	10.23	43	197031	96.270	ug/l	99
52) Toluene	10.40	92	240676	20.893	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	110998	19.784	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	134795	19.675	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	68016	20.257	ug/l	92
56) Ethyl methacrylate	10.66	69	69798	20.135	ug/l	98
57) 1,3-Dichloropropane	10.94	76	112676	20.695	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	198498	102.881	ug/l	99
59) 2-Hexanone	10.98	43	131591	96.332	ug/l	98
60) Dibromochloromethane	11.14	129	91602	20.469	ug/l	96
61) 1,2-Dibromoethane	11.24	107	65847	20.413	ug/l	99
64) Tetrachloroethene	10.87	164	88140	18.781	ug/l	96
65) Chlorobenzene	11.67	112	256352	19.967	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	96598	19.779	ug/l	99
67) Ethyl Benzene	11.74	91	430947	19.590	ug/l	100
68) m/p-Xylenes	11.86	106	339353	39.584	ug/l	100
69) o-Xylene	12.18	106	151305	19.736	ug/l	97
70) Styrene	12.20	104	265698	20.183	ug/l	100
71) Bromoform	12.36	173	49370	19.475	ug/l #	98
73) Isopropylbenzene	12.48	105	408063	19.560	ug/l	100
74) N-amyl acetate	12.29	43	70933	18.914	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	69140	19.670	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	87596	32.732	ug/l #	100
77) Bromobenzene	12.76	156	104785	20.801	ug/l	97
78) n-propylbenzene	12.82	91	475585	19.289	ug/l	99
79) 2-Chlorotoluene	12.91	91	284585	20.174	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	352642	20.007	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	19669	18.324	ug/l	100
82) 4-Chlorotoluene	13.01	91	298073	19.860	ug/l	98
83) tert-Butylbenzene	13.23	119	282946	19.063	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	356789	20.283	ug/l	98
85) sec-Butylbenzene	13.40	105	405277	19.389	ug/l	98
86) p-Isopropyltoluene	13.52	119	362822	18.723	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	193437	19.714	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	192916	19.663	ug/l	98
89) n-Butylbenzene	13.85	91	317528	17.929	ug/l	100
90) Hexachloroethane	14.11	117	63093	18.587	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	169016	19.724	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10745	18.964	ug/l	98

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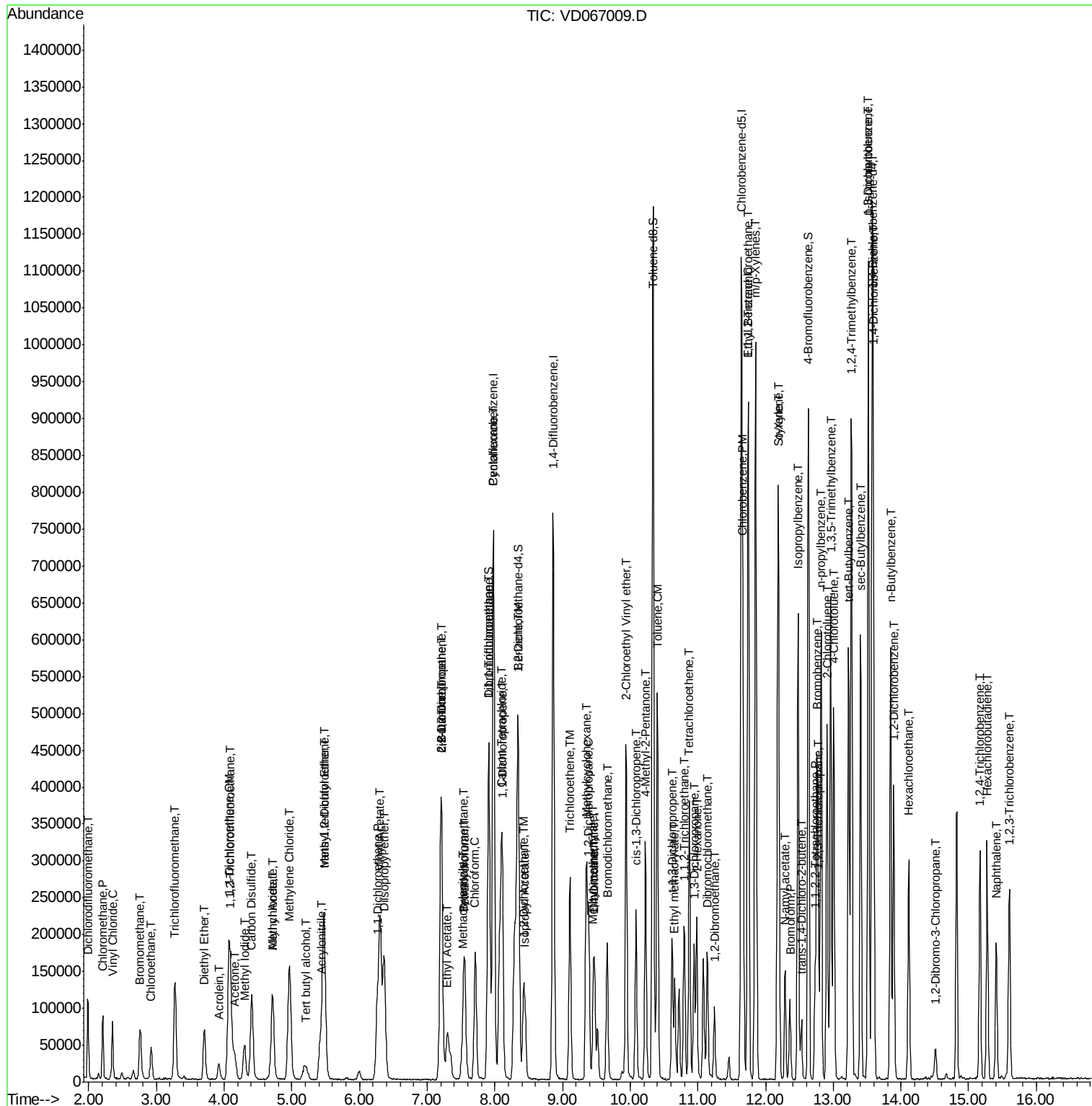
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	100361	18.106	ug/l	100
94) Hexachlorobutadiene	15.27	225	60750	17.846	ug/l	99
95) Naphthalene	15.41	128	167459	18.113	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	93461	19.424	ug/l	98

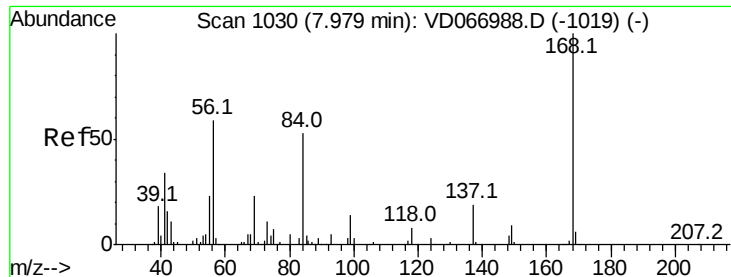
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100120\
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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: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

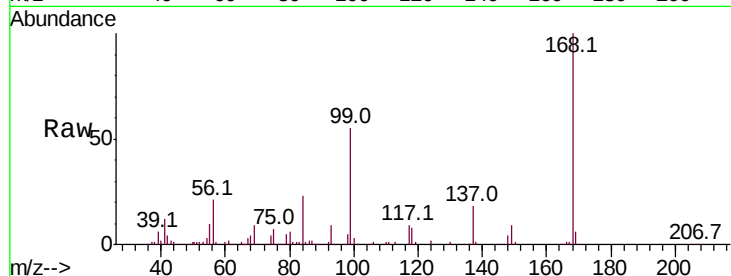
VD1001SBS02

Tot Ion:168 Resp: 417510

Ion Ratio Lower Upper

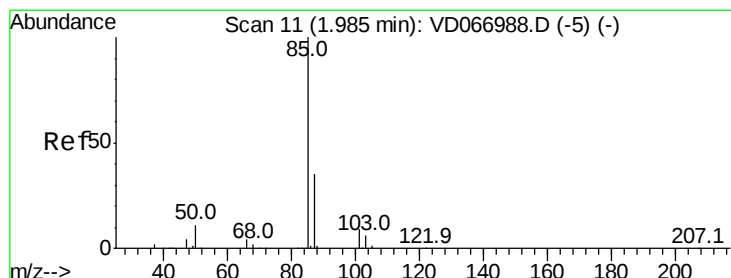
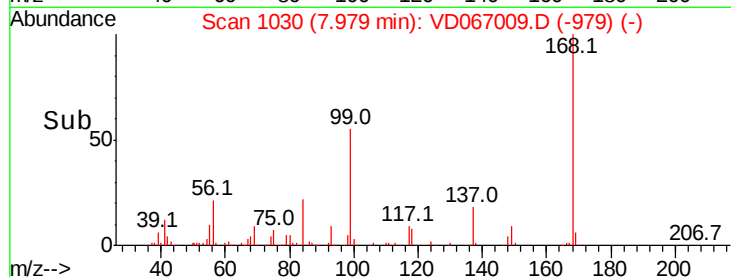
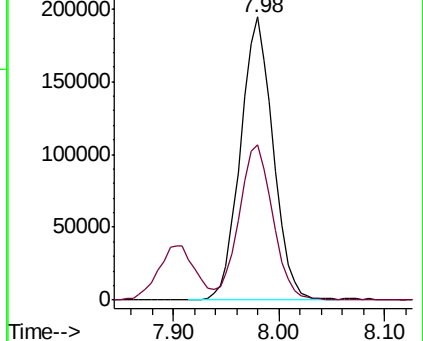
168 100

99 54.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 20.322 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067009.D

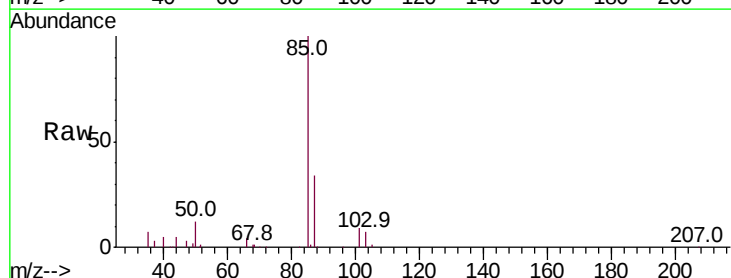
Acq: 02 Oct 2020 00:08

Tgt Ion: 85 Resp: 78196

Ion Ratio Lower Upper

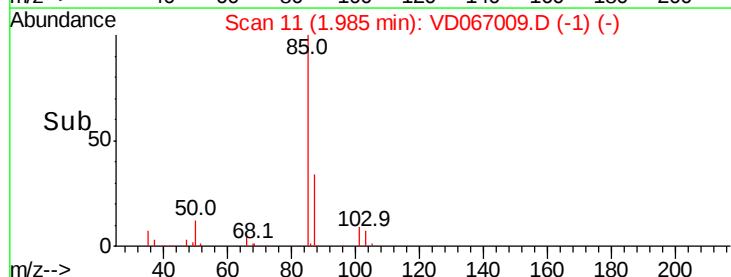
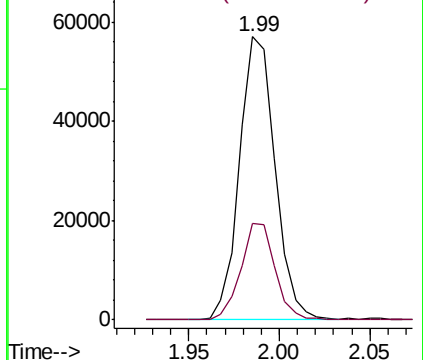
85 100

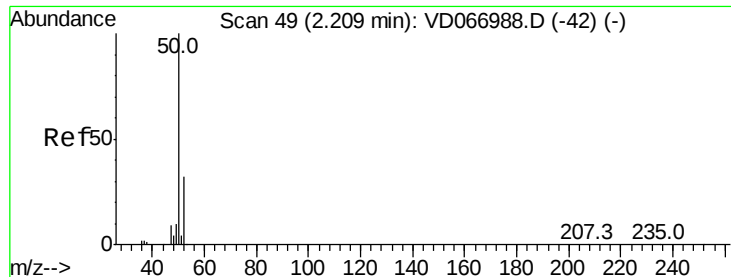
87 34.1 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.566 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

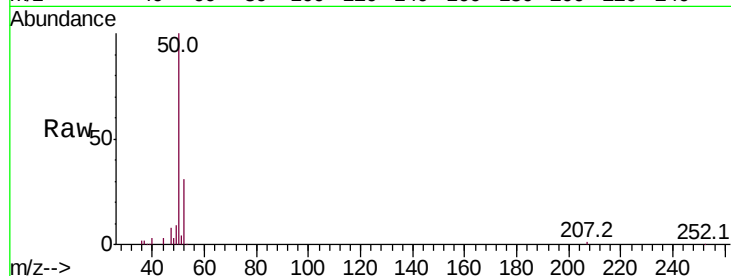
VD1001SBS02

Tot Ion: 50 Resp: 71705

Ion Ratio Lower Upper

50 100

52 30.8 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

60000

50000

40000

30000

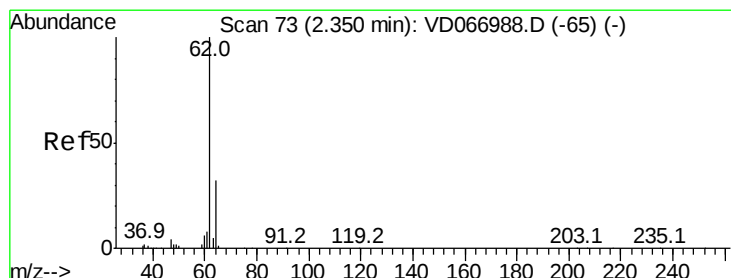
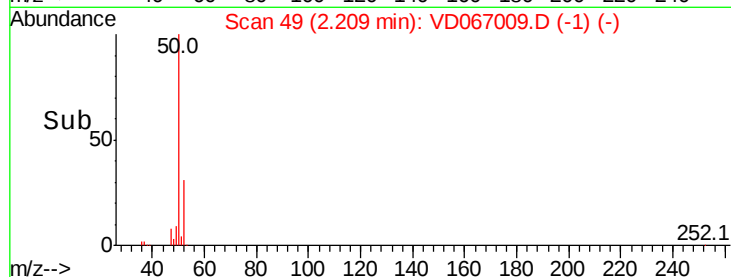
20000

10000

0

2.15 2.20 2.25

Time-->



#4

Vinyl Chloride

Concen: 20.619 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067009.D

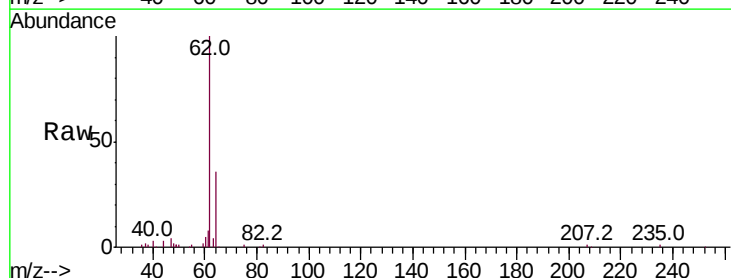
Acq: 02 Oct 2020 00:08

Tgt Ion: 62 Resp: 68744

Ion Ratio Lower Upper

62 100

64 35.9 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

50000

40000

30000

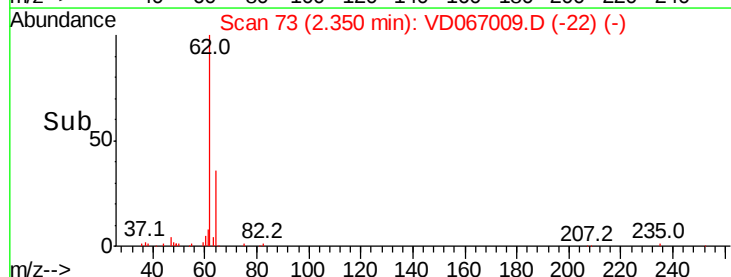
20000

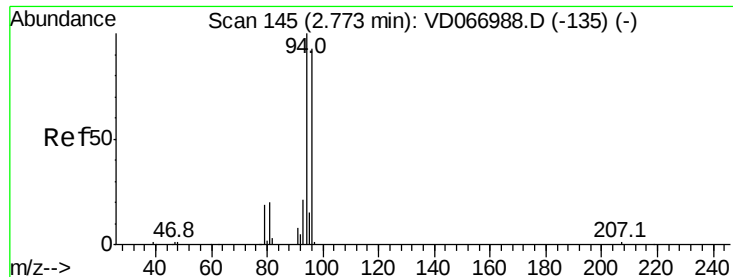
10000

0

2.30 2.35 2.40

Time-->





#5

Bromomethane

Concen: 22.870 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

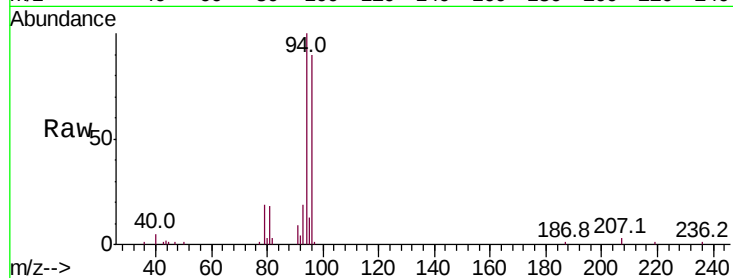
VD1001SBS02

Tot Ion: 94 Resp: 54198

Ion Ratio Lower Upper

94 100

96 88.8 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

25000

20000

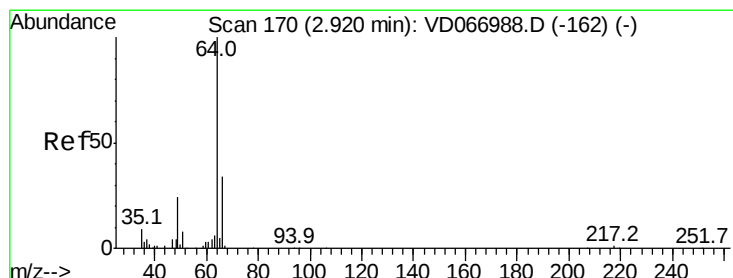
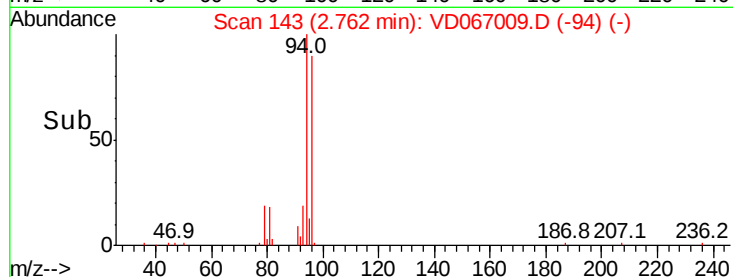
15000

10000

5000

0

Time--> 2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 21.350 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067009.D

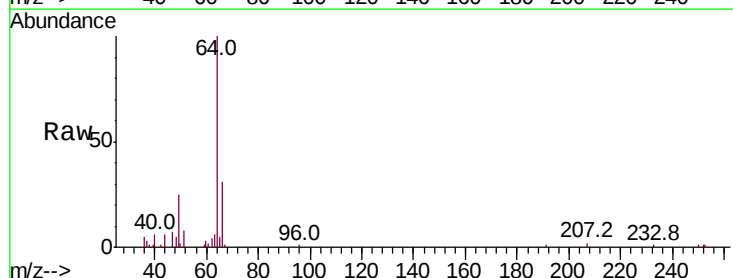
Acq: 02 Oct 2020 00:08

Tgt Ion: 64 Resp: 43349

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

25000

20000

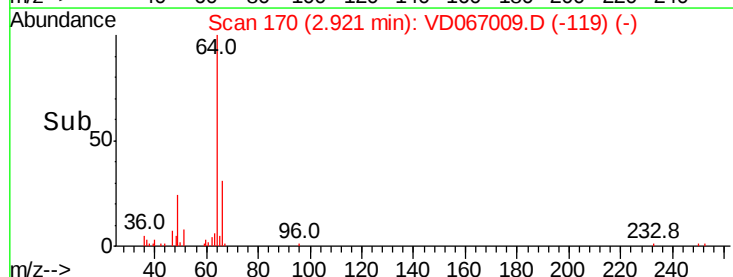
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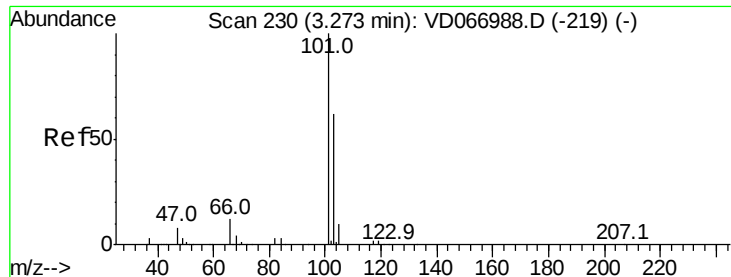
10000

5000

0

Time--> 2.85 2.90 2.95 3.00



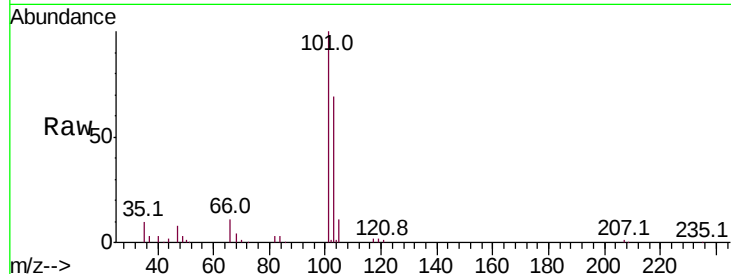


#7

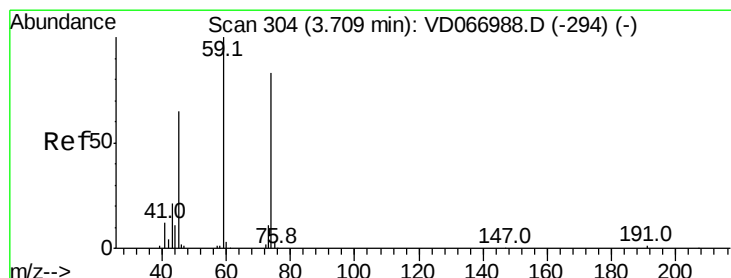
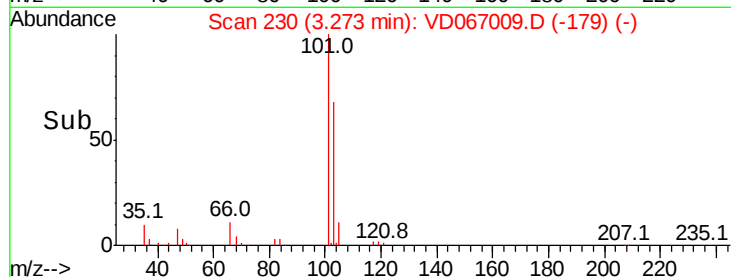
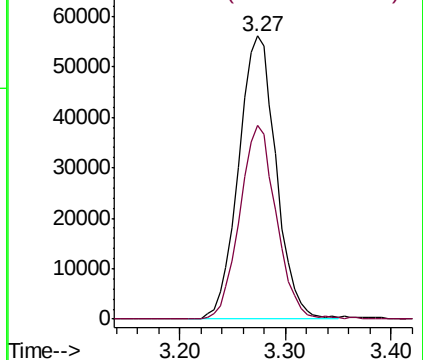
Trichlorofluoromethane
 Concen: 18.685 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067009.D
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Instrument :
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 VD1001SBS02

Tot Ion:101 Resp: 138405
 Ion Ratio Lower Upper
 101 100
 103 68.5 49.8 74.8



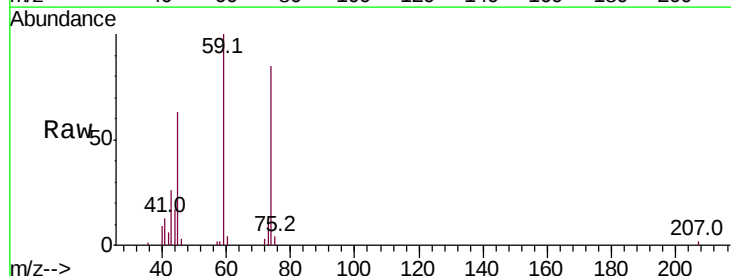
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



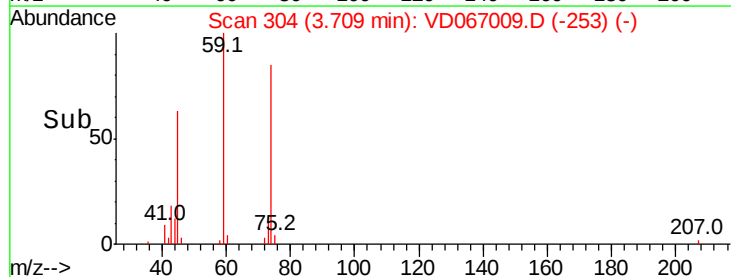
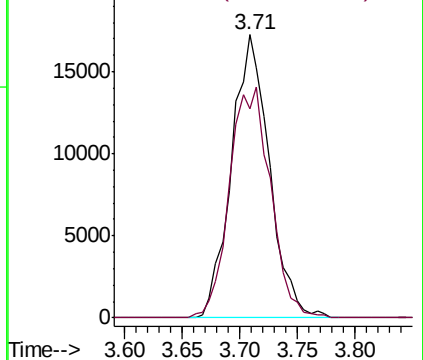
#8

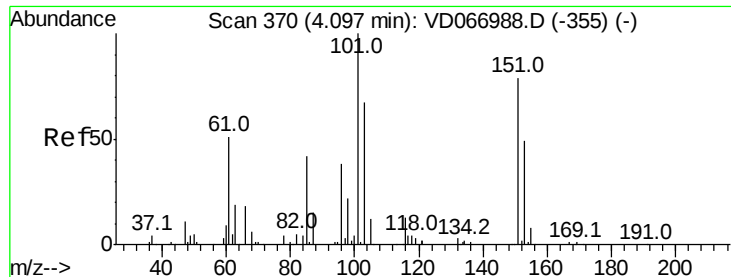
Diethyl Ether
 Concen: 21.401 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Tgt Ion: 74 Resp: 39309
 Ion Ratio Lower Upper
 74 100
 45 88.2 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: 18.922 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067009.D

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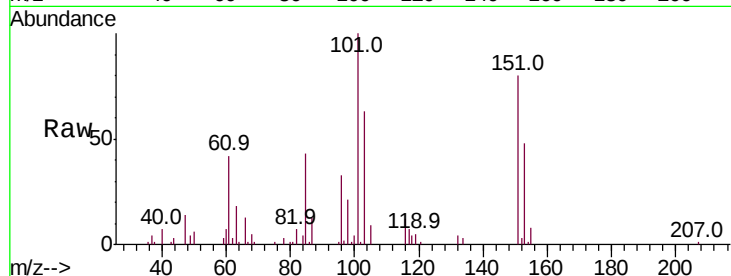
Tot Ion:101 Resp: 79221

Ion Ratio Lower Upper

101 100

85 42.2 33.8 50.8

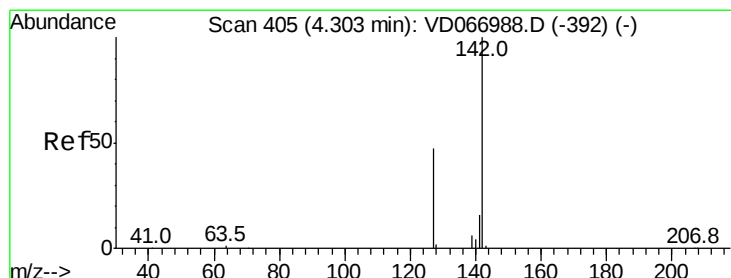
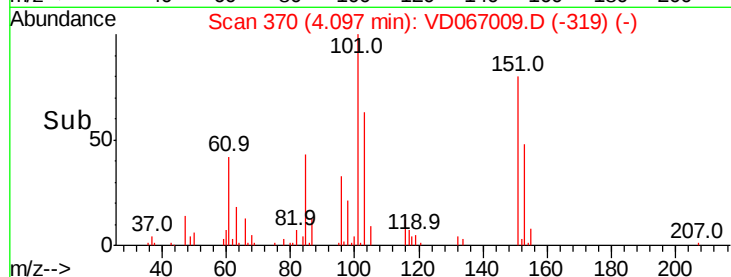
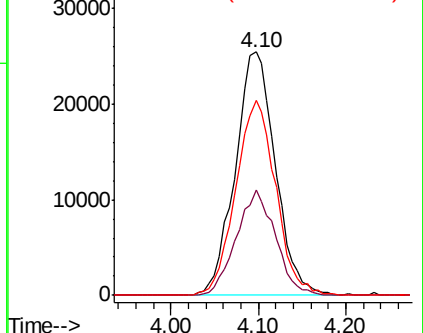
151 80.1 63.8 95.8



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: 19.264 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

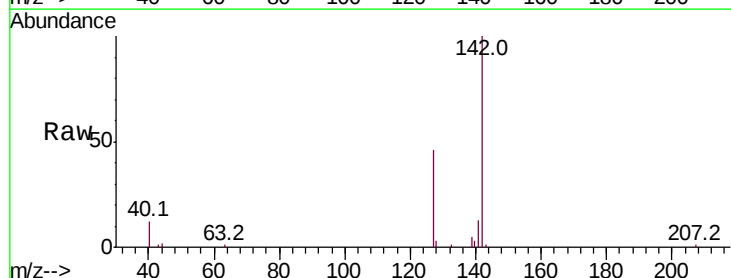
Tgt Ion:142 Resp: 78364

Ion Ratio Lower Upper

142 100

127 47.6 36.3 54.5

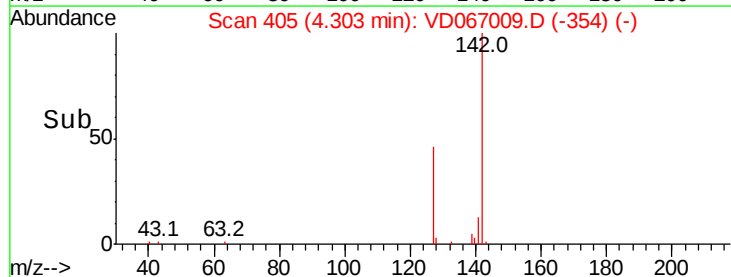
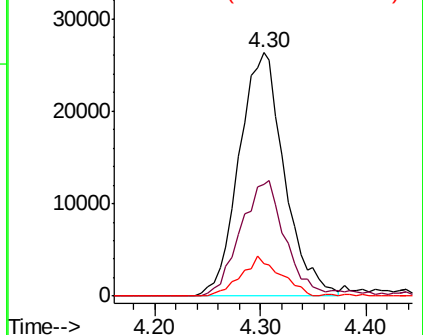
141 14.0 12.0 18.0

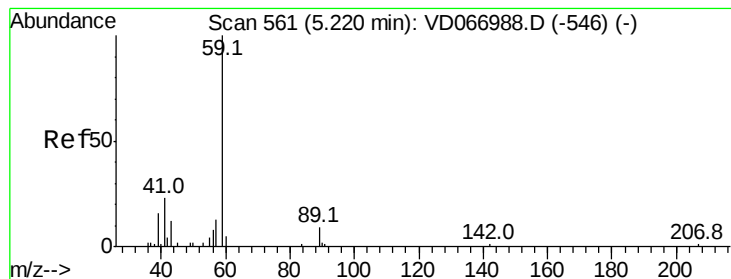


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



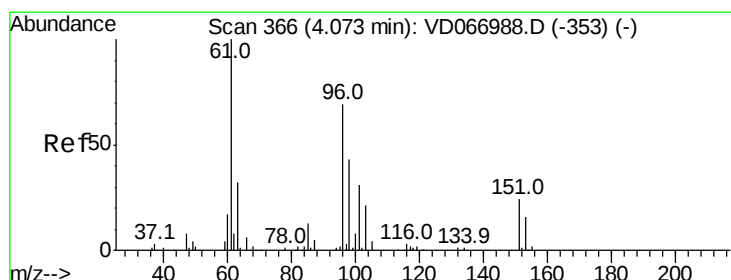
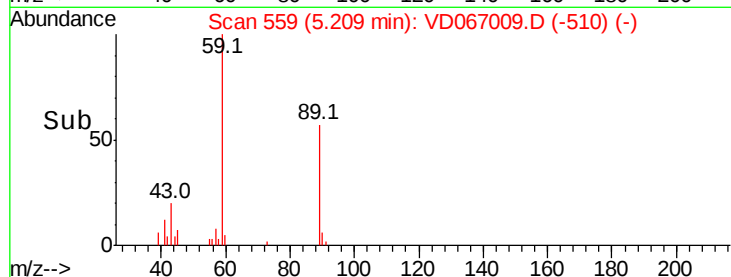
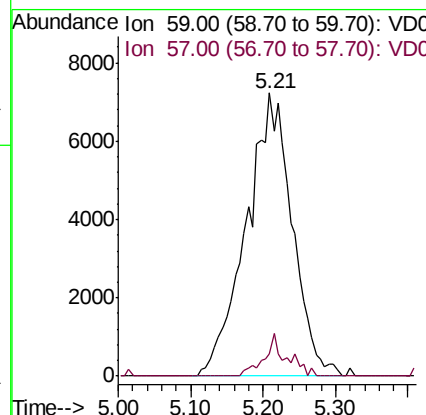
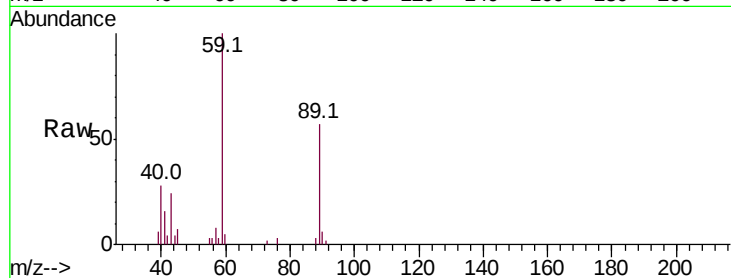


#11

Tert butyl alcohol
 Concen: 107.394 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBS02

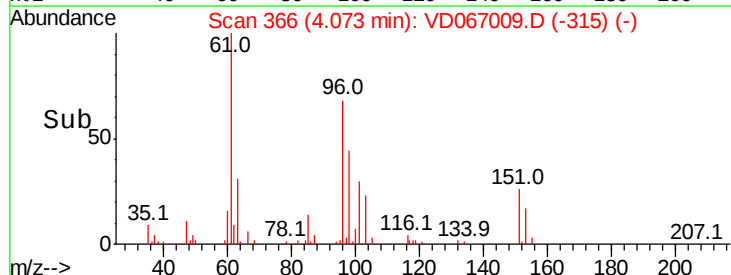
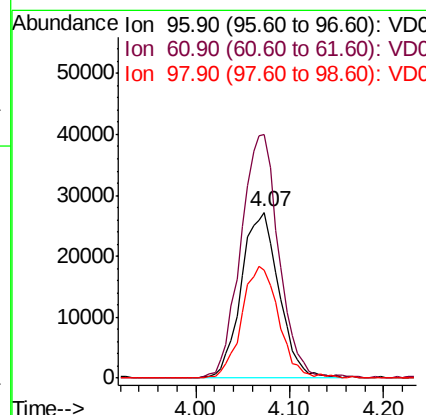
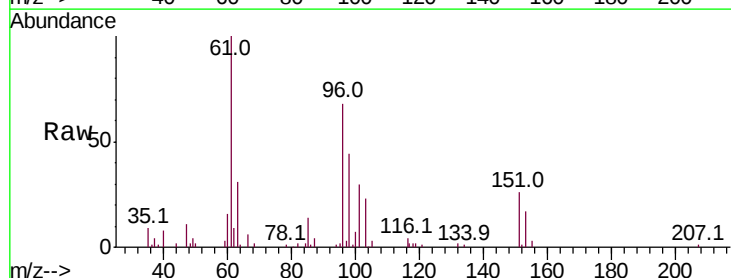
Tot Ion: 59 Resp: 31843
 Ion Ratio Lower Upper
 59 100
 57 7.2 8.2 12.4#

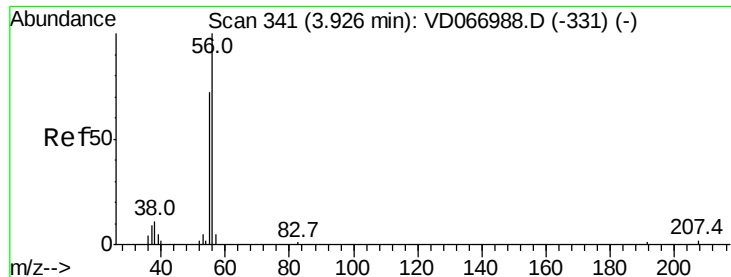


#12

1,1-Dichloroethene
 Concen: 19.235 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Tgt Ion: 96 Resp: 75704
 Ion Ratio Lower Upper
 96 100
 61 146.5 116.4 174.6
 98 64.6 49.9 74.9





#13

Acrolein

Concen: 91.208 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

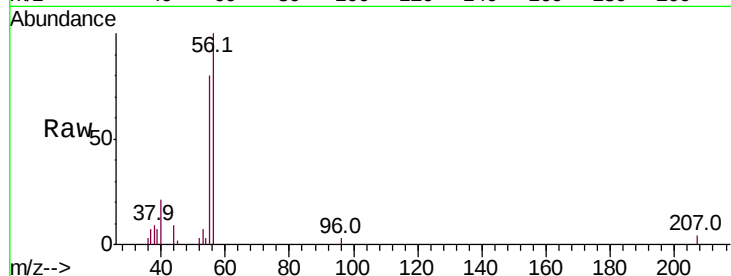
VD1001SBS02

Tot Ion: 56 Resp: 24560

Ion Ratio Lower Upper

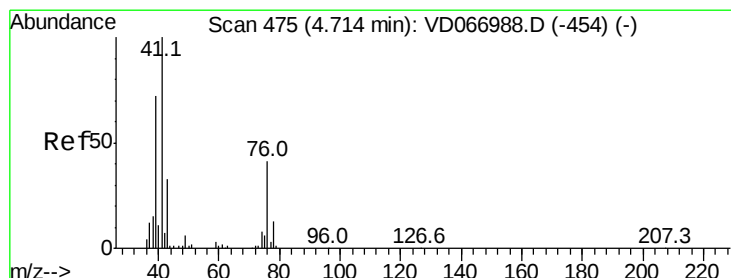
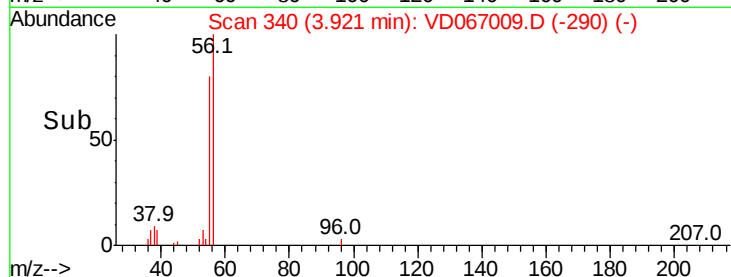
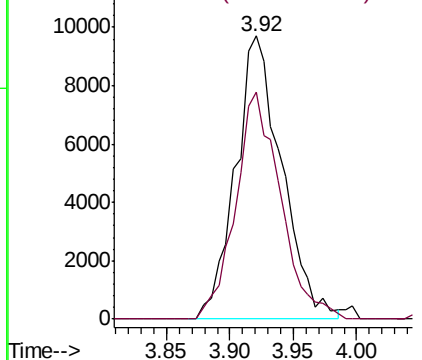
56 100

55 77.8 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: 19.986 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

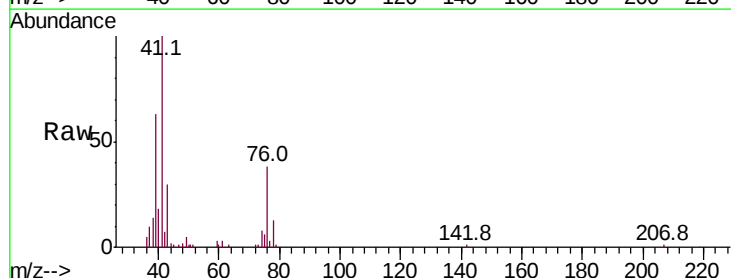
Tgt Ion: 41 Resp: 102184

Ion Ratio Lower Upper

41 100

39 67.9 56.2 84.2

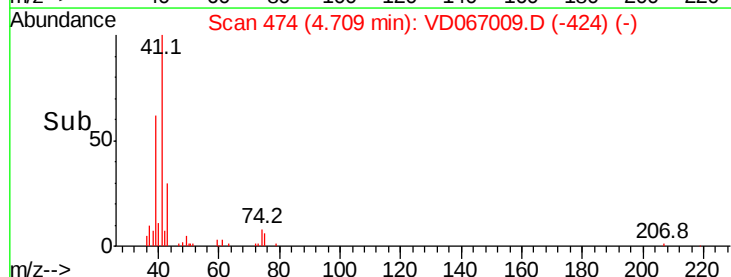
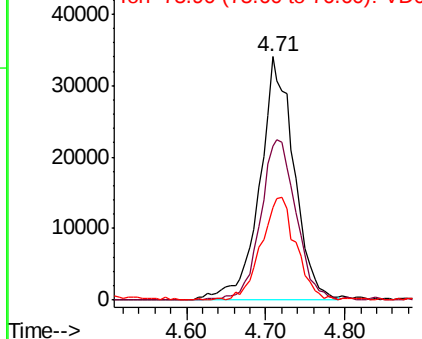
76 42.9 34.2 51.2

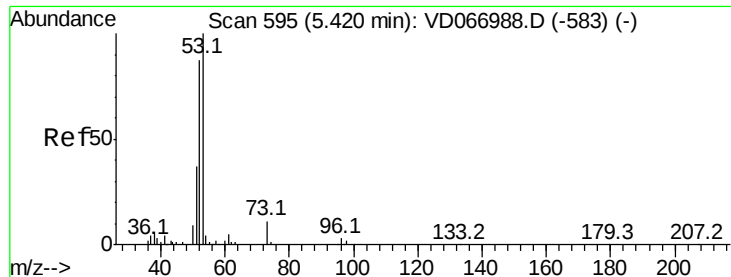


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 106.555 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

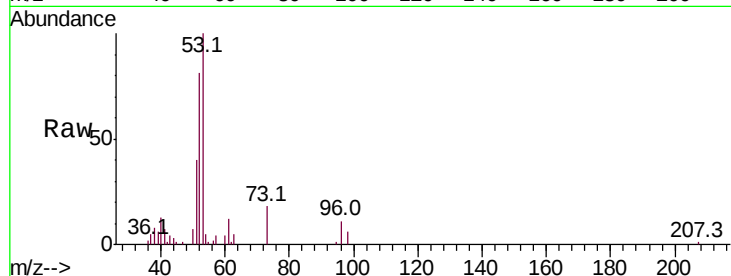
Tot Ion: 53 Resp: 72035

Ion Ratio Lower Upper

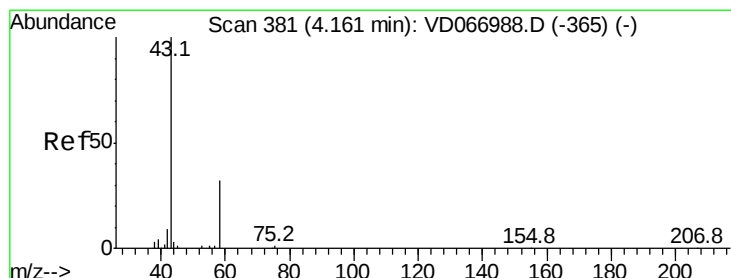
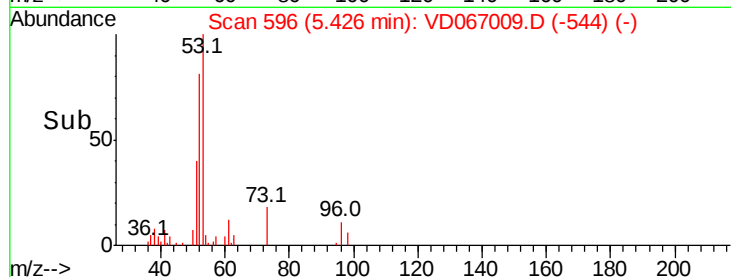
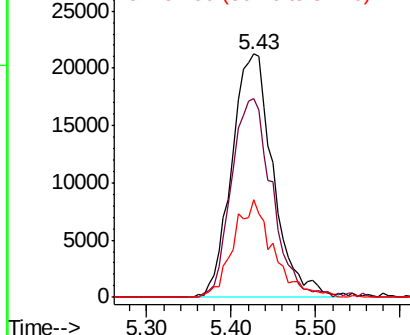
53 100

52 79.8 67.3 100.9

51 38.6 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: 98.264 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067009.D

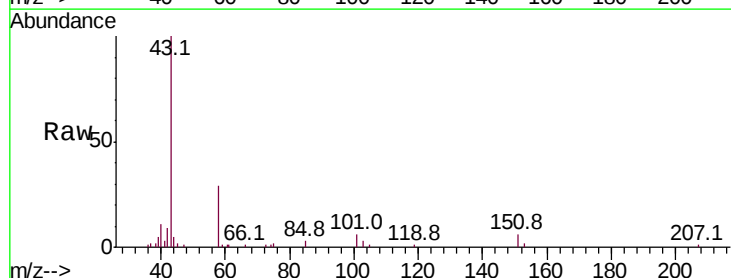
Acq: 02 Oct 2020 00:08

Tgt Ion: 43 Resp: 60322

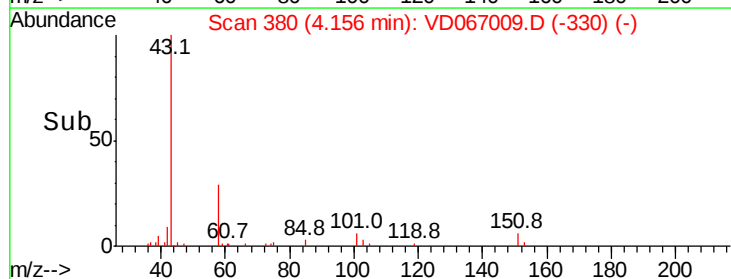
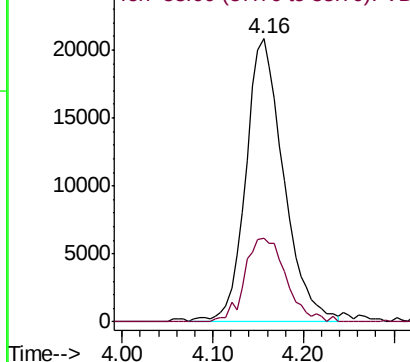
Ion Ratio Lower Upper

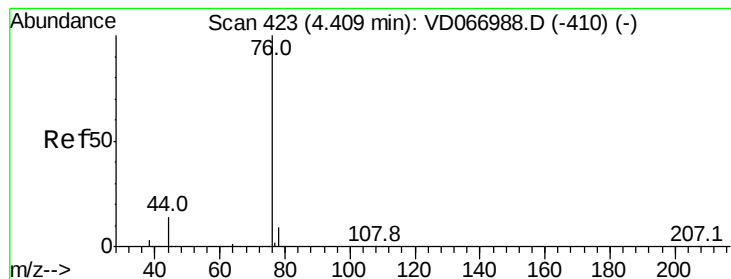
43 100

58 29.5 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: 20.328 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

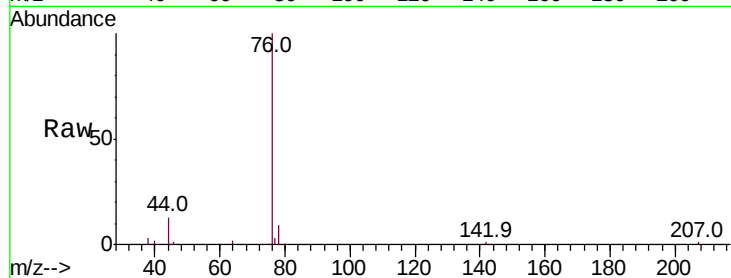
VD1001SBS02

Tot Ion: 76 Resp: 245535

Ion Ratio Lower Upper

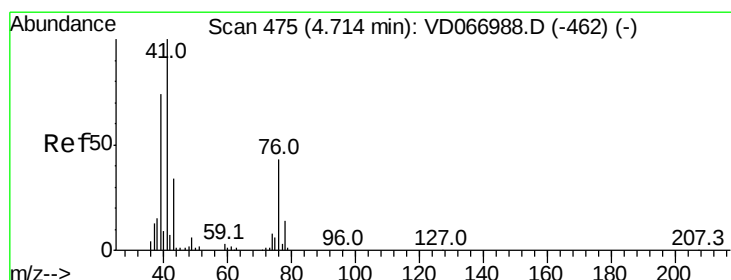
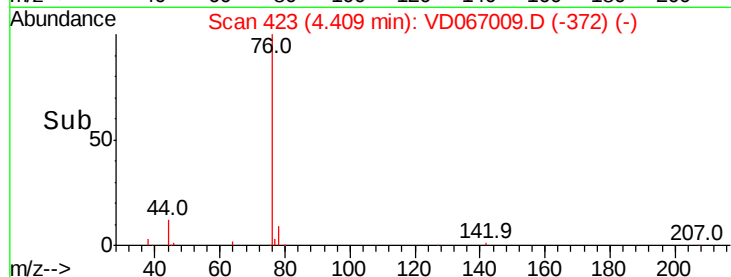
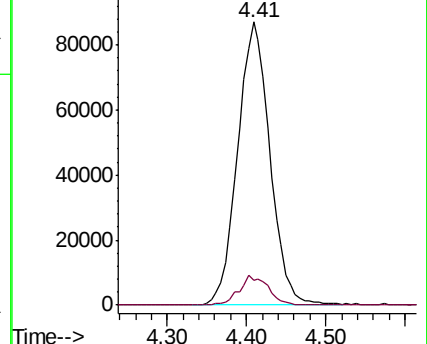
76 100

78 8.9 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: 22.785 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067009.D

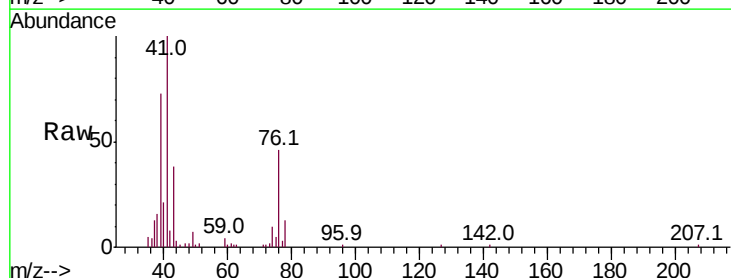
Acq: 02 Oct 2020 00:08

Tgt Ion: 43 Resp: 35154

Ion Ratio Lower Upper

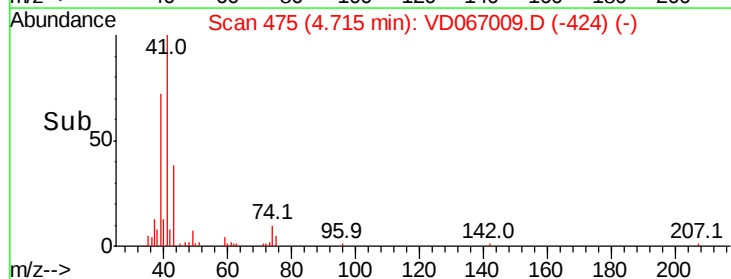
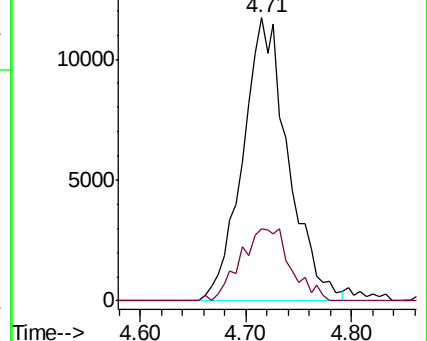
43 100

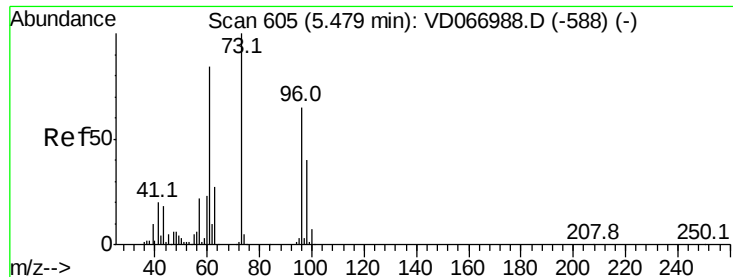
74 28.0 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

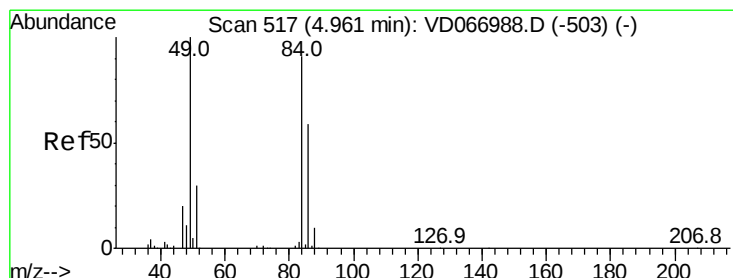
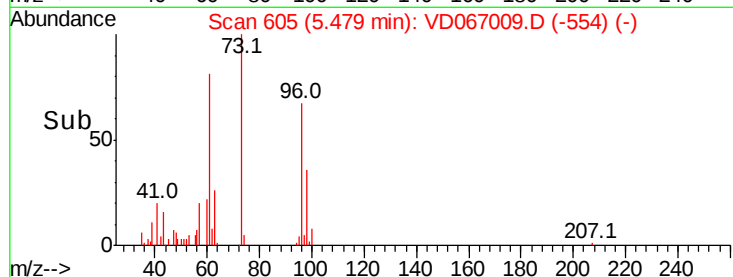
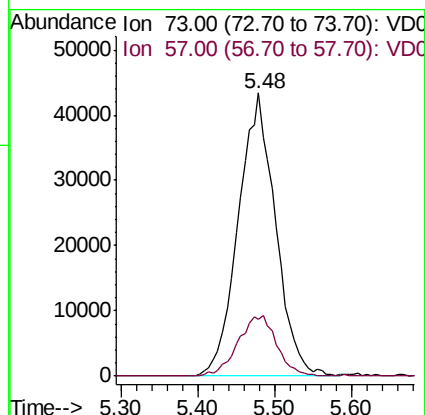
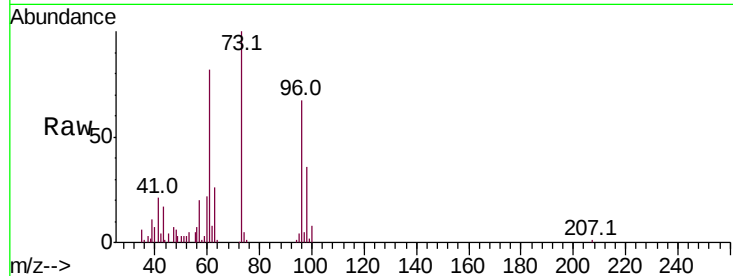




#19
Methyl tert-butyl Ether
Concen: 20.399 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

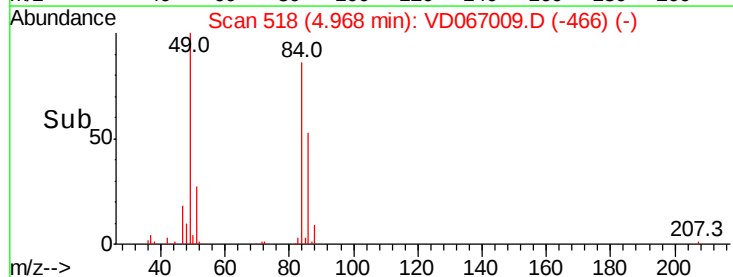
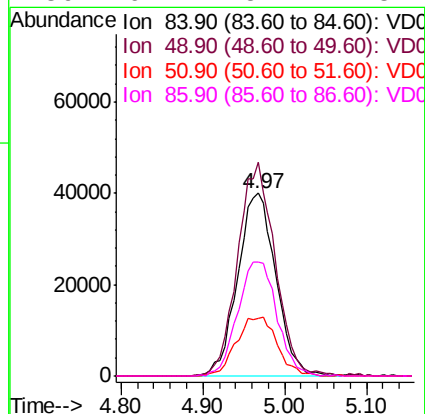
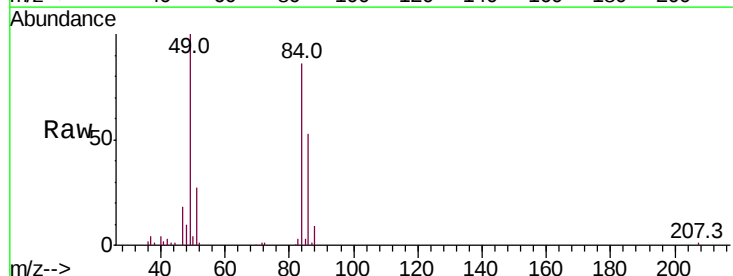
Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

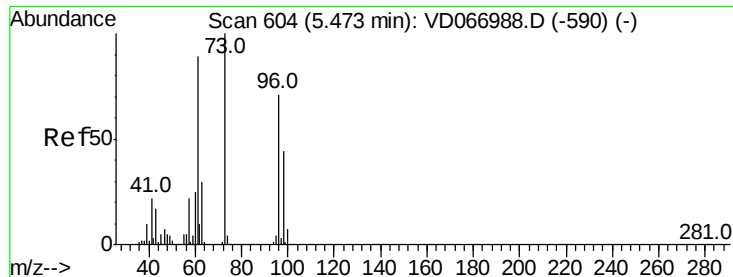
Tot Ion: 73 Resp: 146561
Ion Ratio Lower Upper
73 100
57 20.0 17.4 26.0



#20
Methylene Chloride
Concen: 26.493 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion: 84 Resp: 130309
Ion Ratio Lower Upper
84 100
49 116.8 88.2 132.2
51 31.7 26.6 39.8
86 62.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 21.175 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

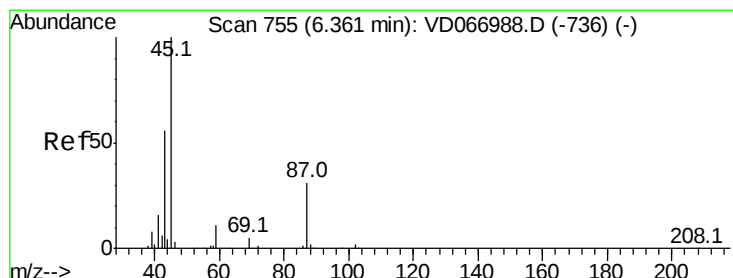
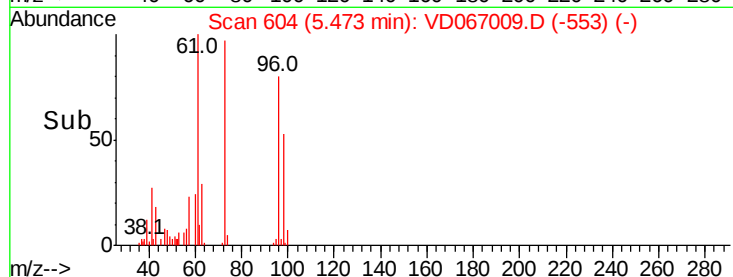
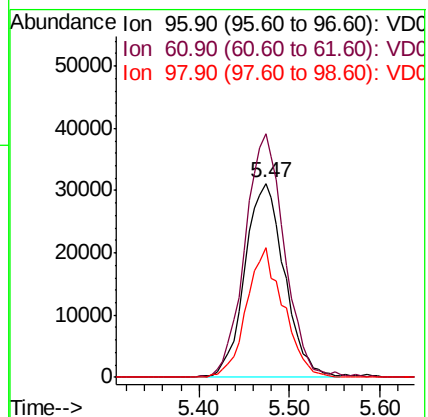
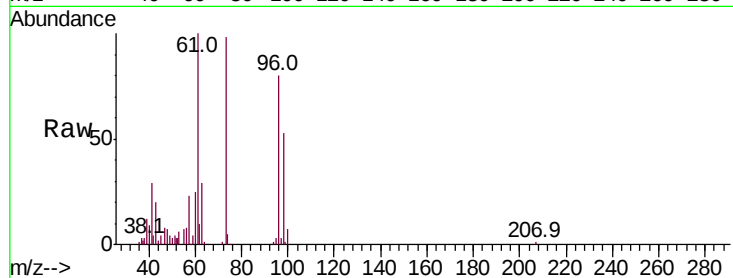
Tot Ion: 96 Resp: 94845

Ion Ratio Lower Upper

96 100

61 125.4 99.6 149.4

98 66.8 49.4 74.2



#22

Diisopropyl ether

Concen: 21.782 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Tgt Ion: 45 Resp: 203323

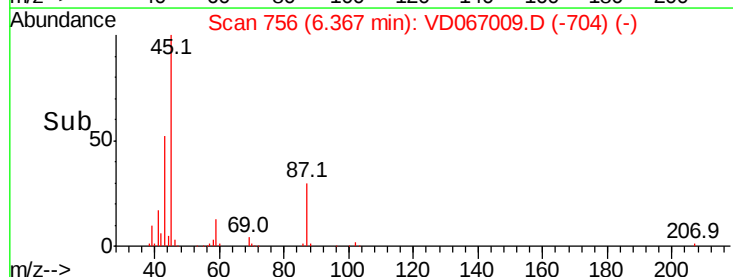
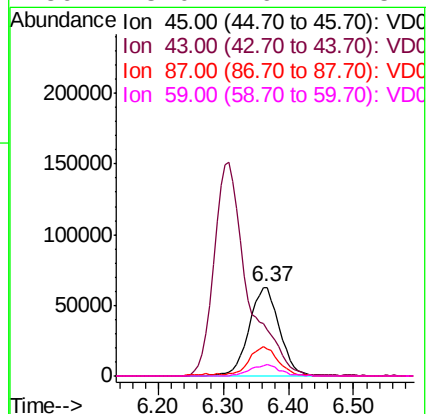
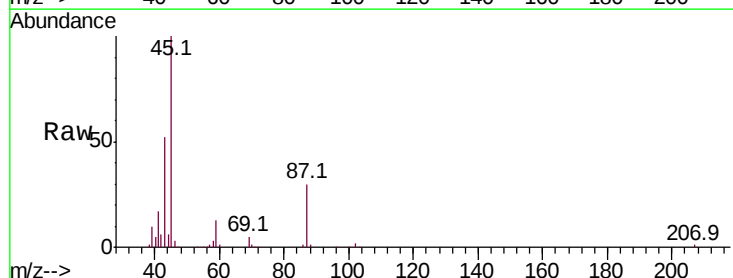
Ion Ratio Lower Upper

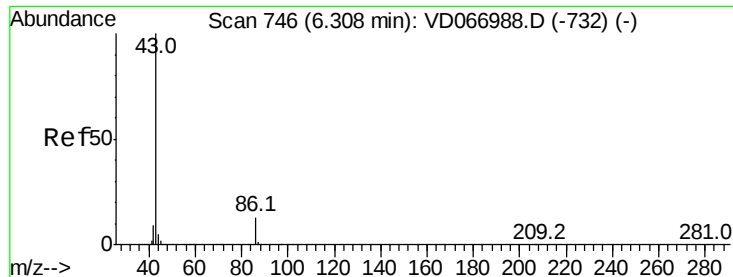
45 100

43 51.4 45.2 67.8

87 30.3 25.6 38.4

59 13.0 9.1 13.7





#23

Vinyl Acetate

Concen: 101.493 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

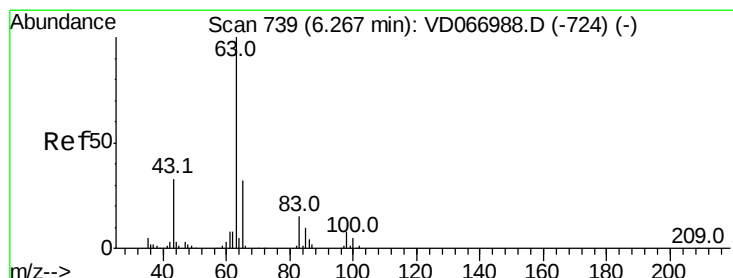
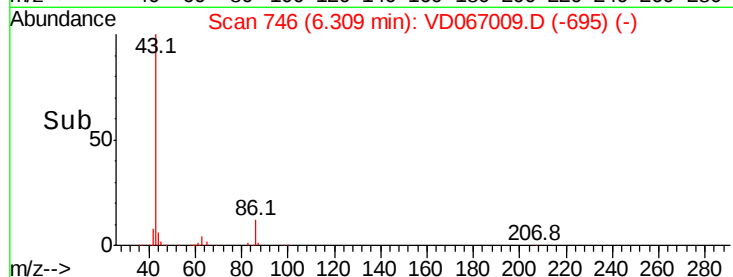
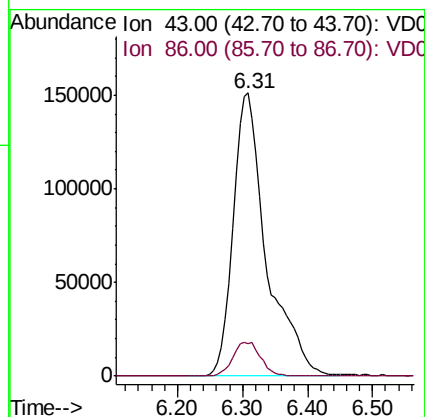
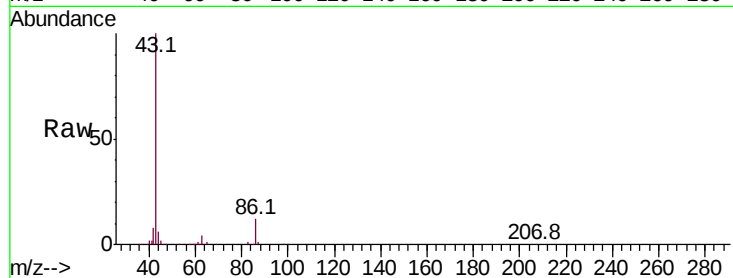
VD1001SBS02

Tot Ion: 43 Resp: 536841

Ion Ratio Lower Upper

43 100

86 11.7 10.2 15.2



#24

1,1-Dichloroethane

Concen: 21.328 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

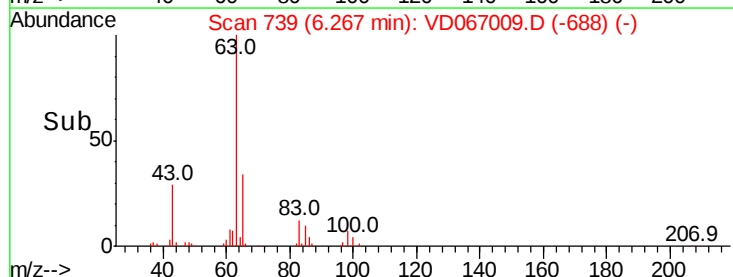
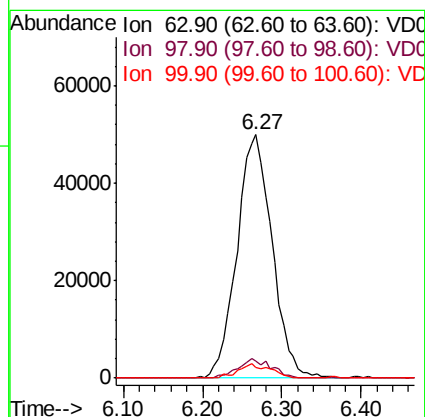
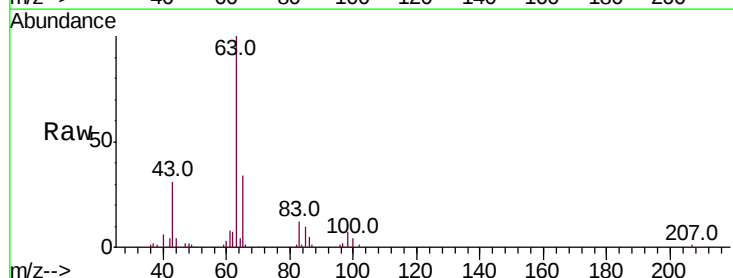
Tgt Ion: 63 Resp: 153641

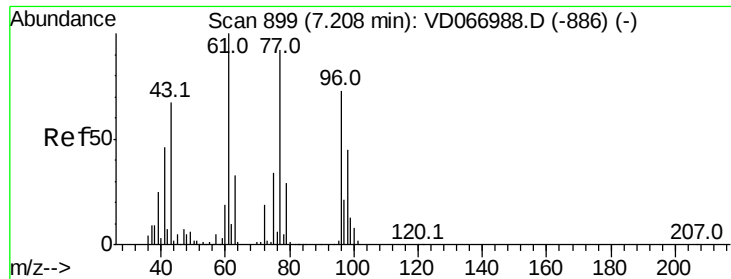
Ion Ratio Lower Upper

63 100

98 7.0 4.2 12.6

100 4.5 2.6 7.8

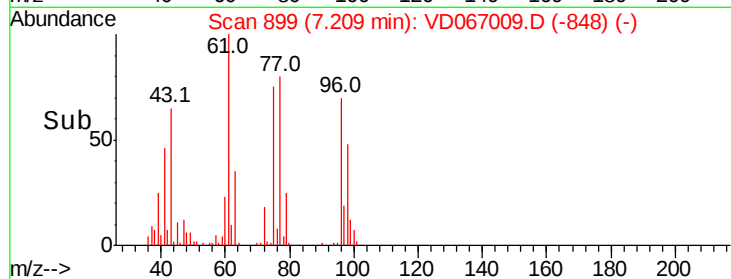
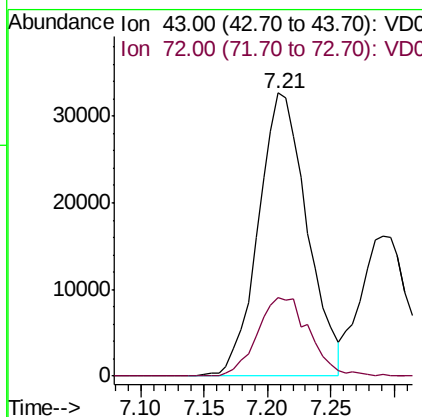
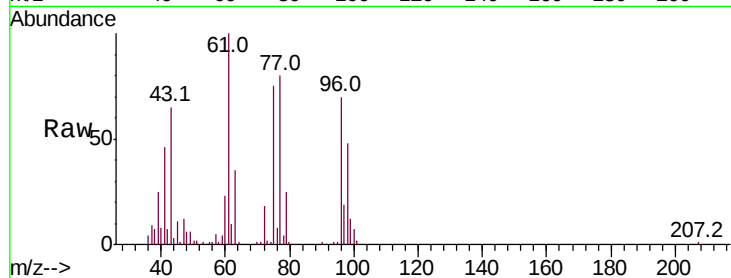




#25
2-Butanone
Concen: 100.459 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

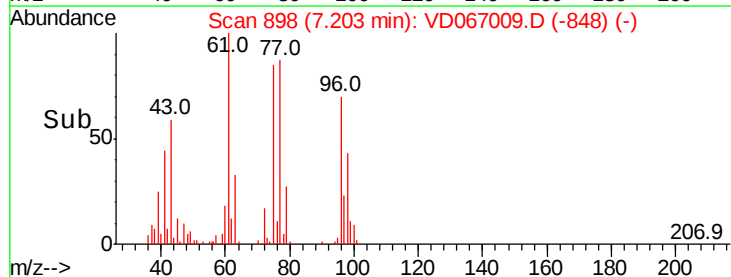
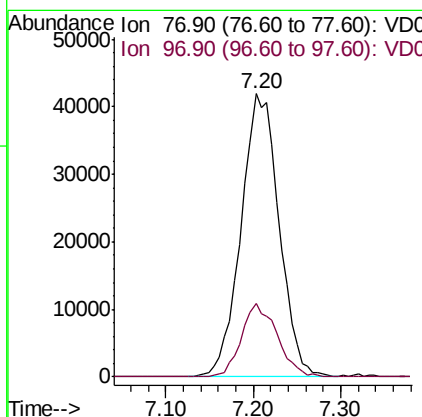
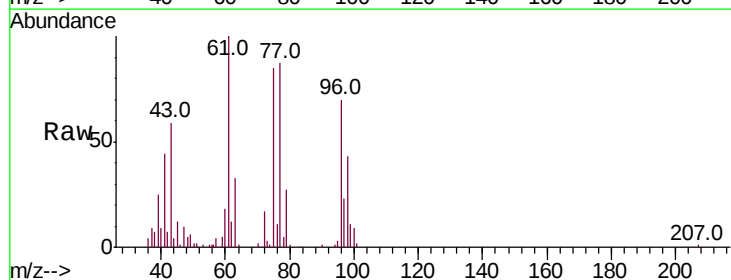
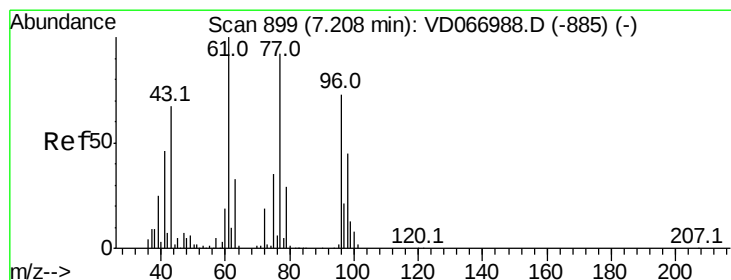
Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

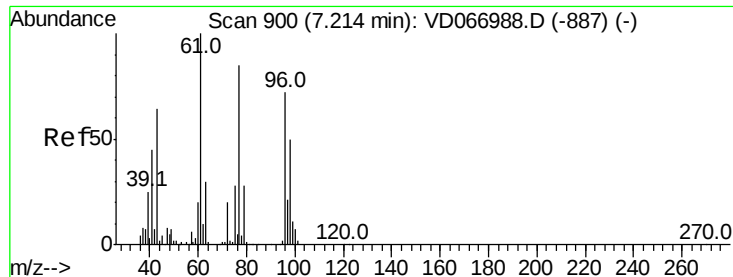
Tot Ion: 43 Resp: 87433
Ion Ratio Lower Upper
43 100
72 27.6 22.8 34.2



#26
2,2-Dichloropropane
Concen: 17.437 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion: 77 Resp: 123959
Ion Ratio Lower Upper
77 100
97 24.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.257 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

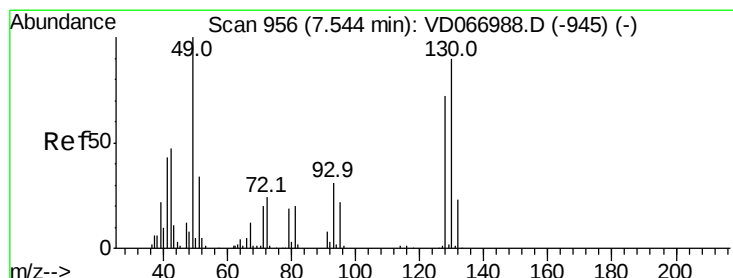
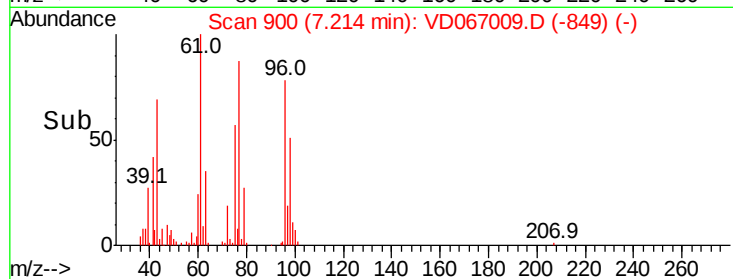
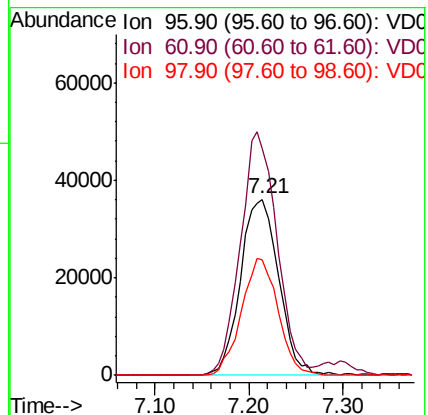
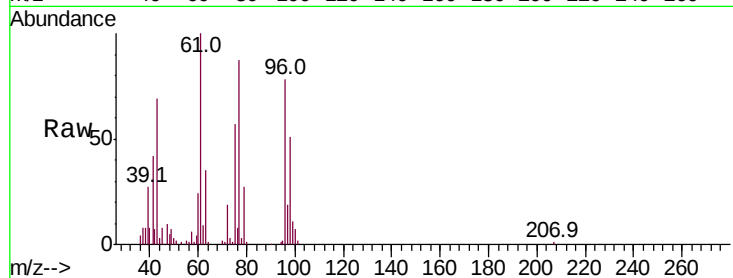
Tot Ion: 96 Resp: 101684

Ion Ratio Lower Upper

96 100

61 133.1 0.0 269.2

98 63.7 0.0 129.4



#28

Bromochloromethane

Concen: 21.150 ug/l

RT: 7.54 min Scan# 956

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

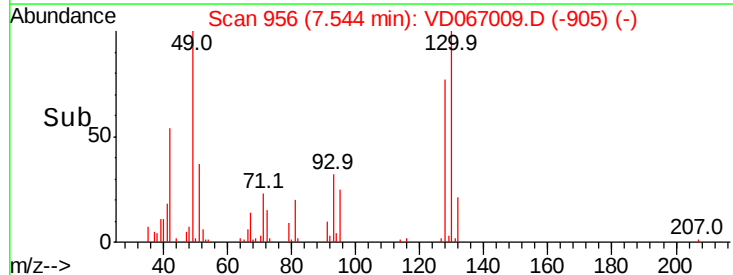
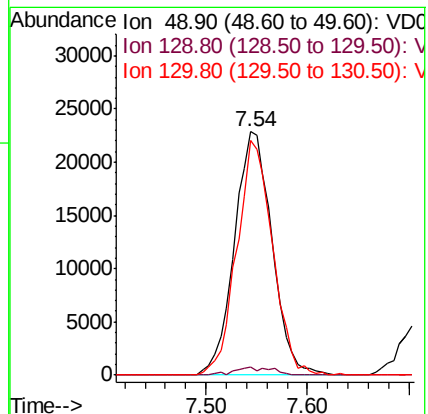
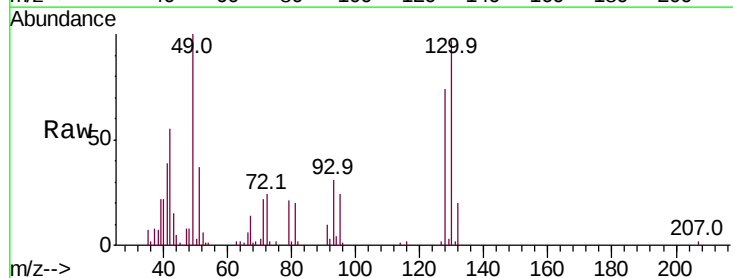
Tgt Ion: 49 Resp: 58839

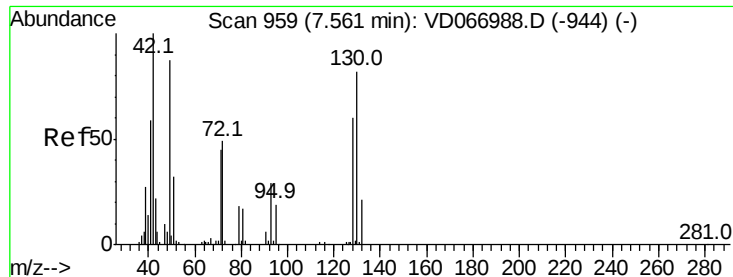
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 91.5 74.1 111.1





#29

Tetrahydrofuran

Concen: 102.865 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

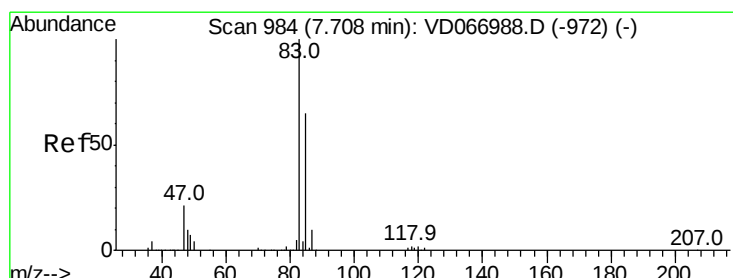
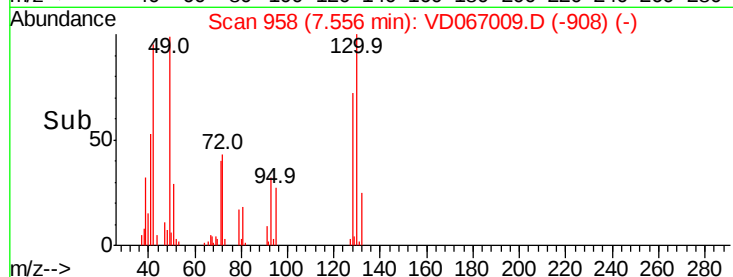
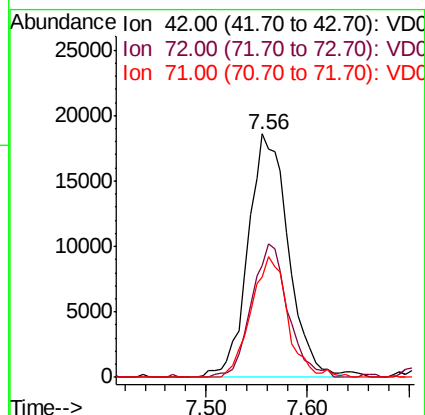
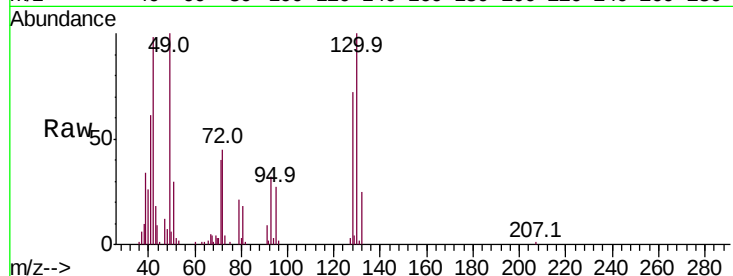
Tot Ion: 42 Resp: 51477

Ion Ratio Lower Upper

42 100

72 49.8 39.1 58.7

71 44.4 34.2 51.4



#30

Chloroform

Concen: 21.473 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD067009.D

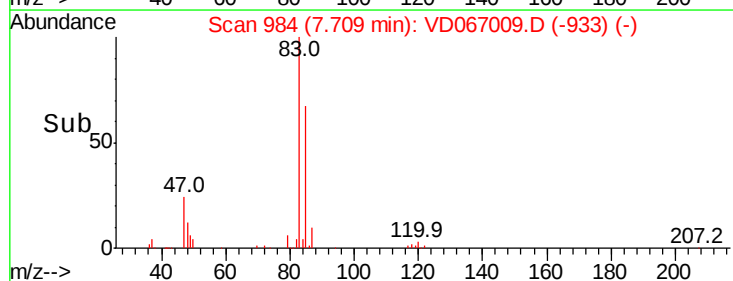
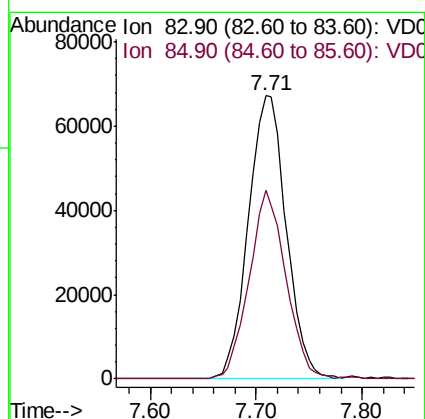
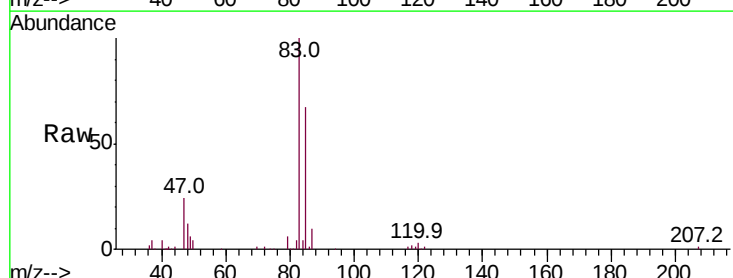
Acq: 02 Oct 2020 00:08

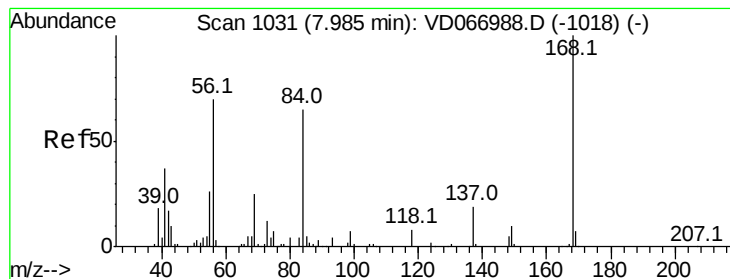
Tgt Ion: 83 Resp: 167803

Ion Ratio Lower Upper

83 100

85 66.8 52.3 78.5





#31

Cyclohexane

Concen: 17.666 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

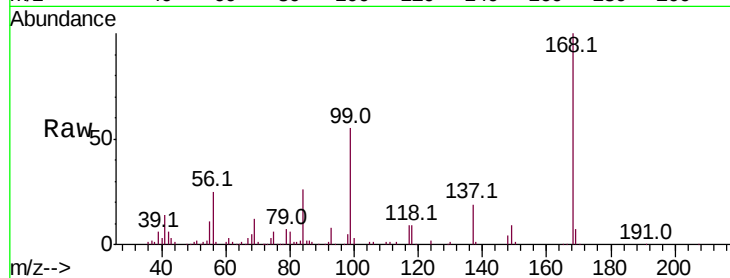
Tot Ion: 56 Resp: 106690

Ion Ratio Lower Upper

56 100

69 46.5 29.0 43.6#

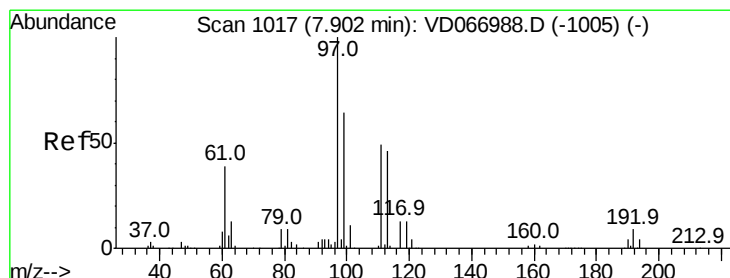
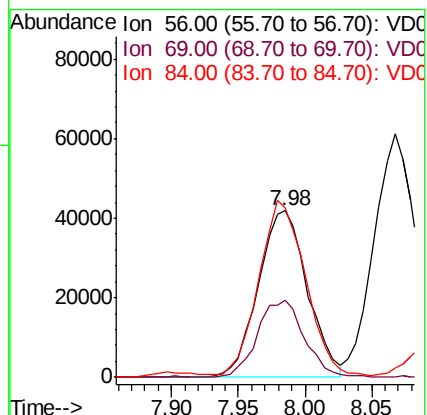
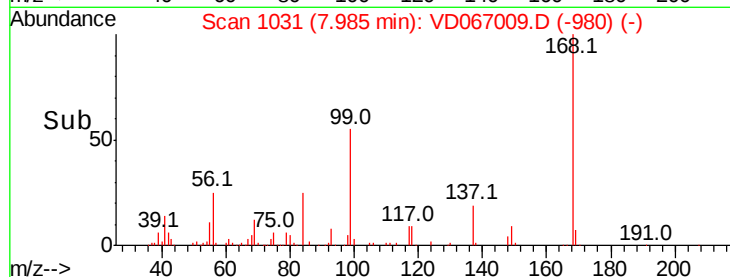
84 99.3 74.2 111.2



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 20.267 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

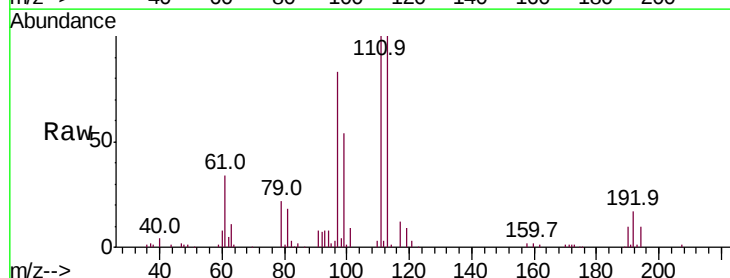
Tgt Ion: 97 Resp: 146777

Ion Ratio Lower Upper

97 100

99 63.5 52.6 78.8

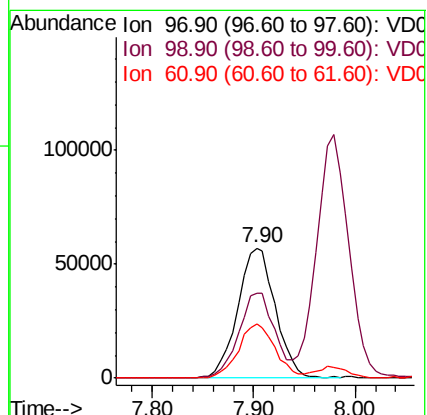
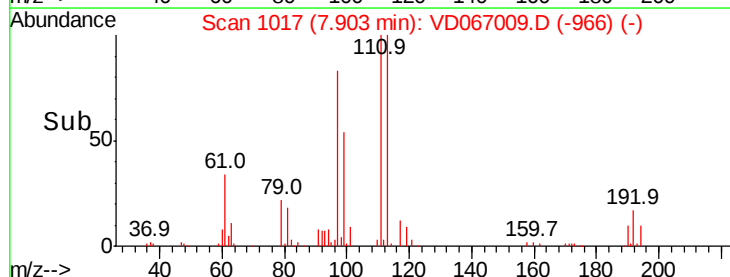
61 40.2 32.8 49.2

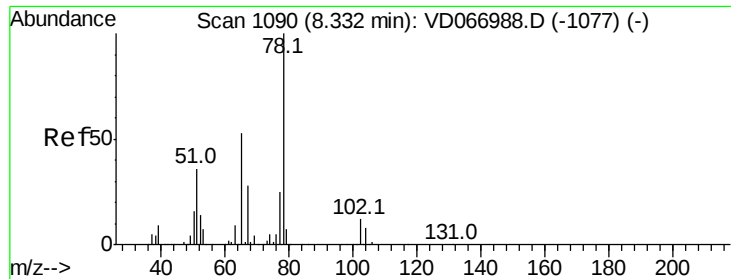


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 51.638 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

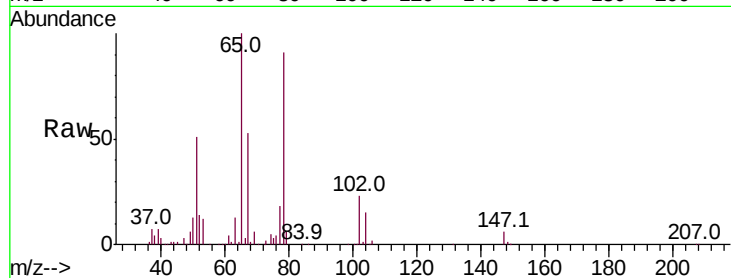
VD1001SBS02

Tot Ion: 65 Resp: 207660

Ion Ratio Lower Upper

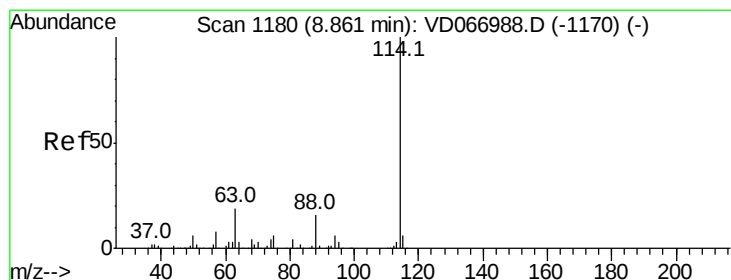
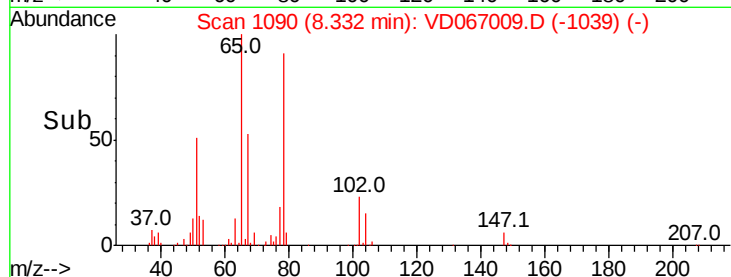
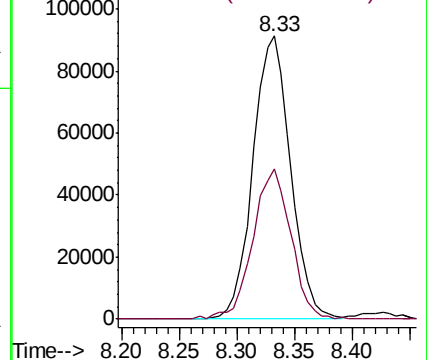
65 100

67 53.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

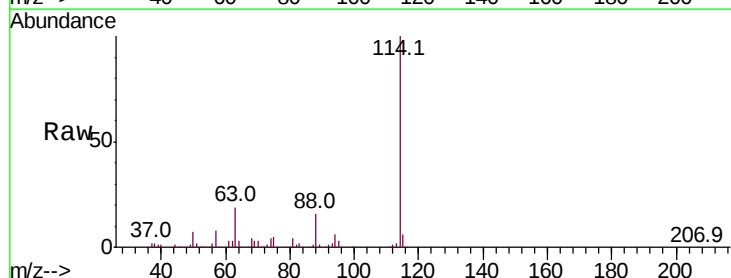
Tgt Ion:114 Resp: 690731

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

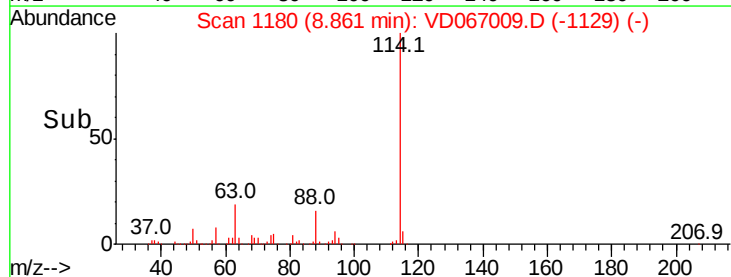
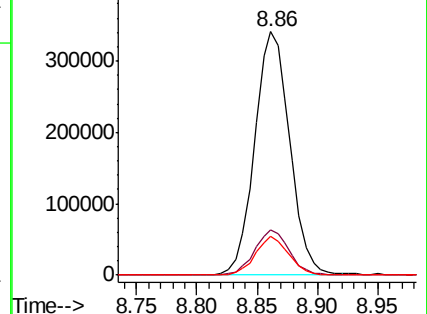
88 16.0 0.0 31.2

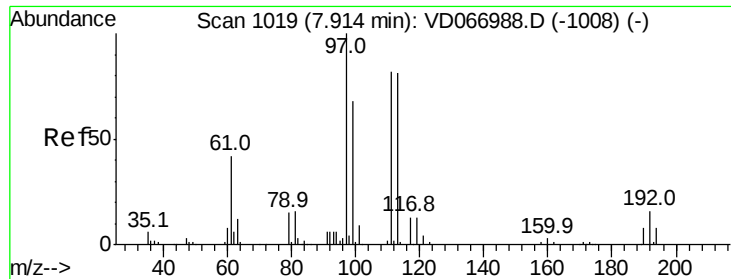


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

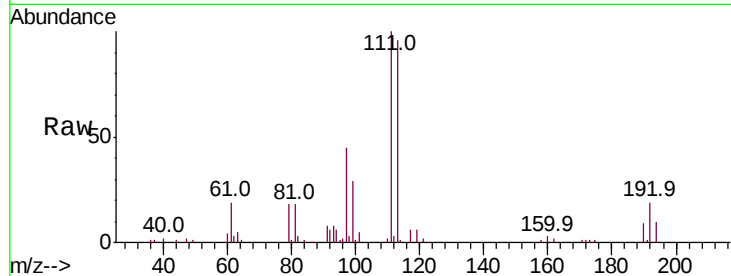




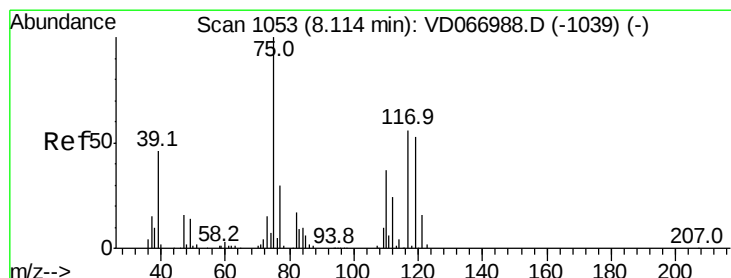
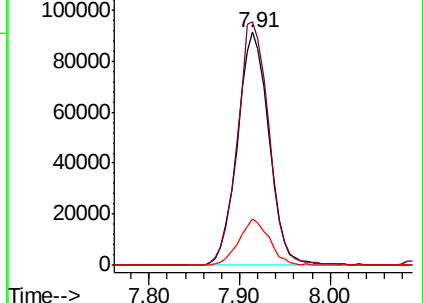
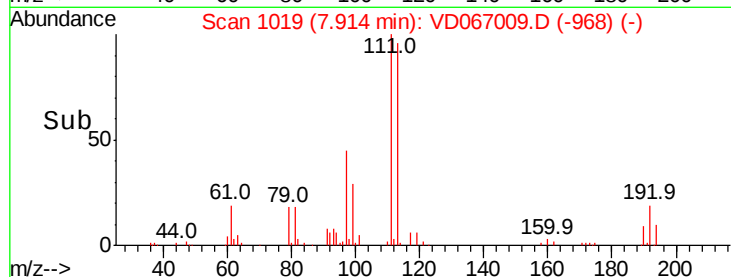
#35
 Dibromofluoromethane
 Concen: 48.811 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.0	124.4
192	19.0	15.5	23.3

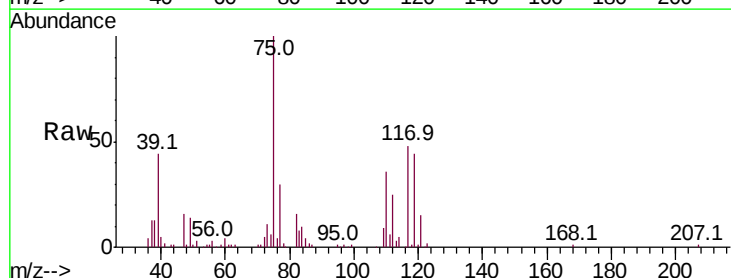


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

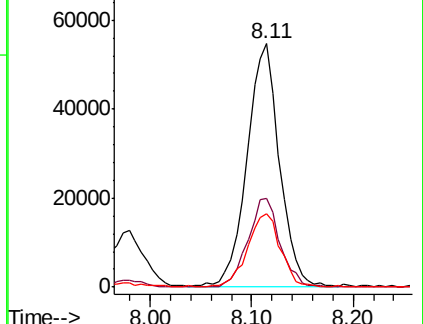
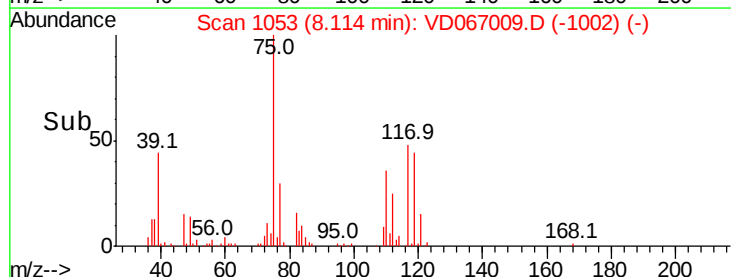


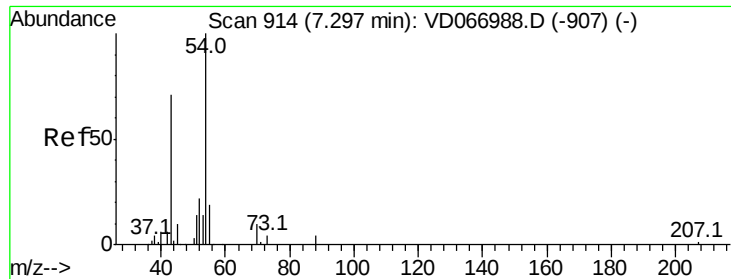
#36
 1,1-Dichloropropene
 Concen: 18.782 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.4	55.0
77	30.8	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: 19.237 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

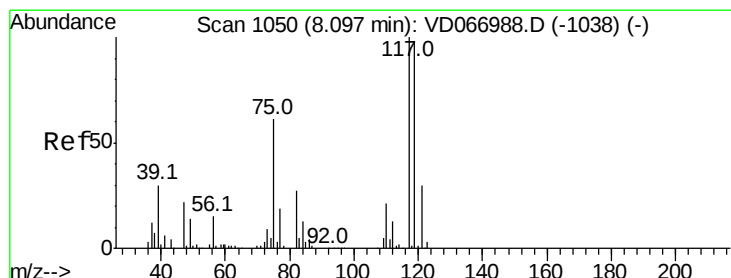
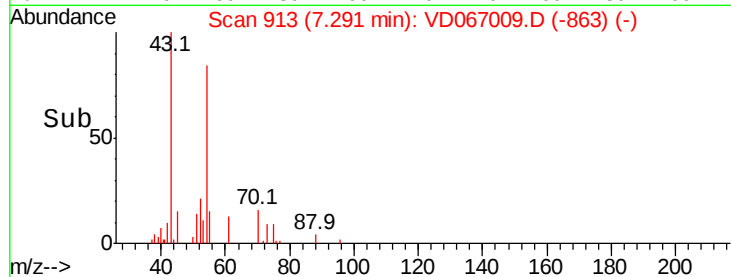
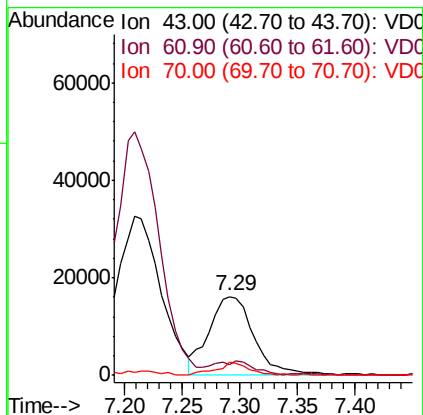
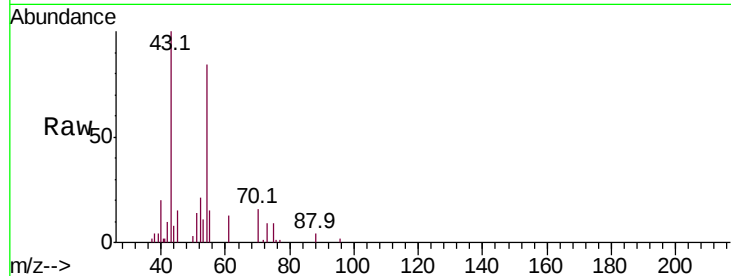
Tot Ion: 43 Resp: 42907

Ion Ratio Lower Upper

43 100

61 0.0 12.5 18.7#

70 12.5 9.4 14.0



#38

Carbon Tetrachloride

Concen: 18.745 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

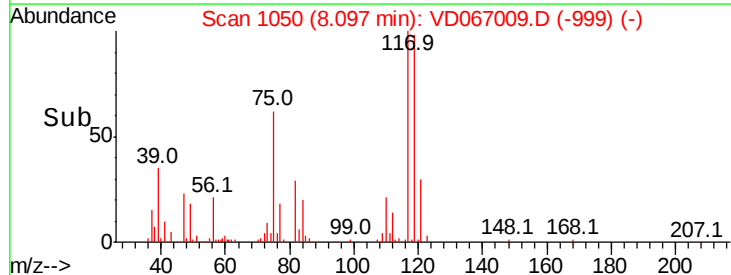
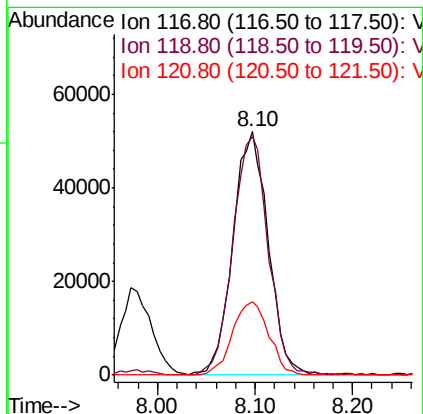
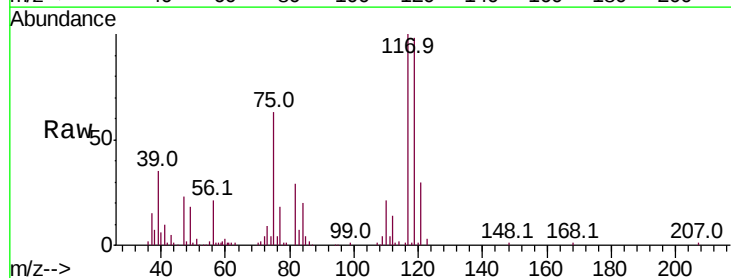
Tgt Ion: 117 Resp: 130580

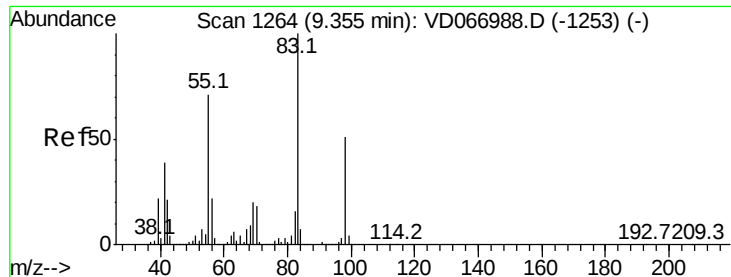
Ion Ratio Lower Upper

117 100

119 97.7 78.7 118.1

121 30.0 24.2 36.2

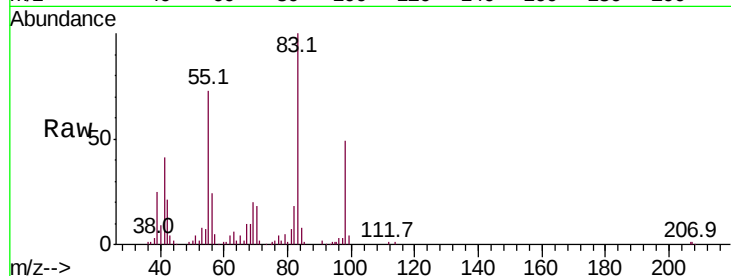




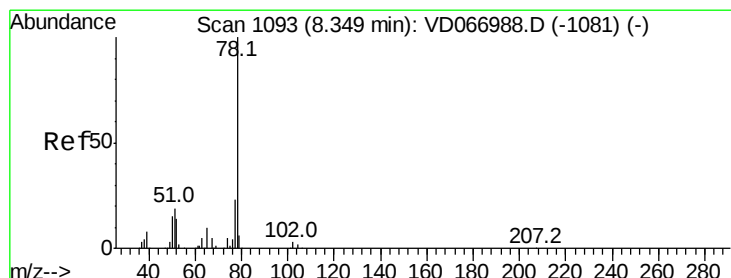
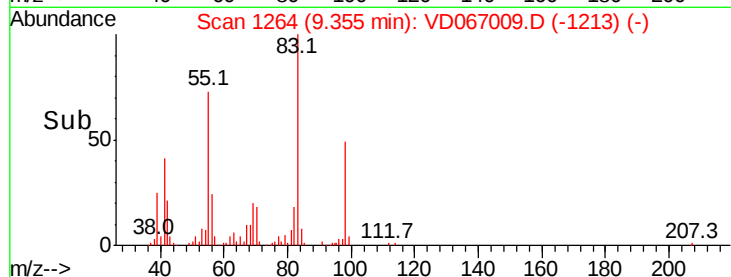
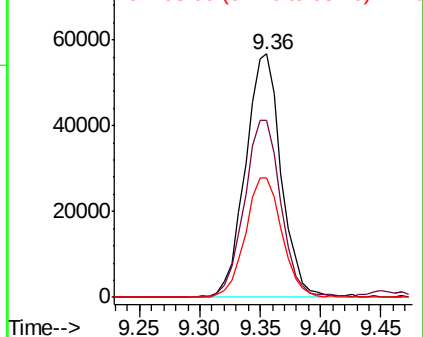
#39
Methvlcvclohexane
Concen: 17.131 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion: 83 Resp: 116609
Ion Ratio Lower Upper
83 100
55 72.7 57.1 85.7
98 49.1 40.9 61.3

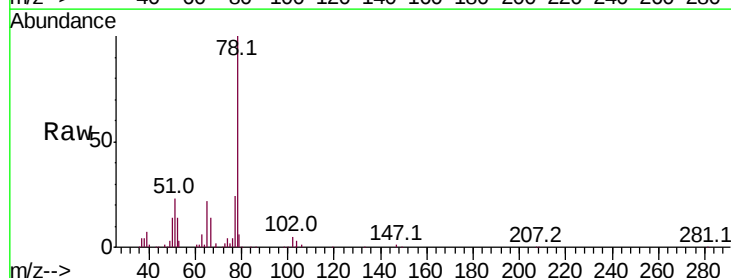


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

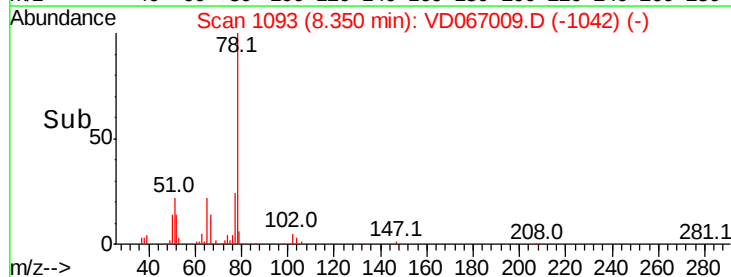
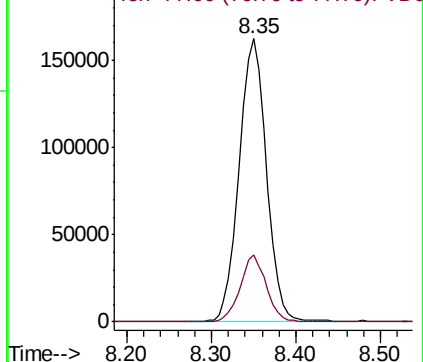


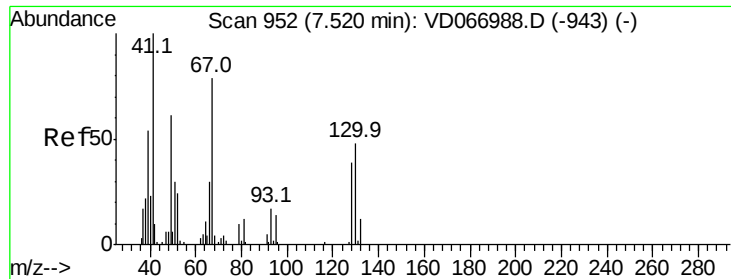
#40
Benzene
Concen: 20.373 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion: 78 Resp: 364329
Ion Ratio Lower Upper
78 100
77 23.5 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

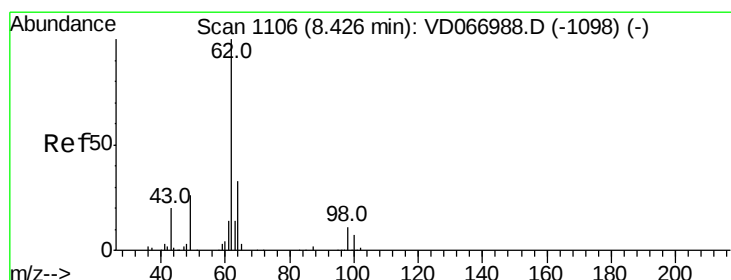
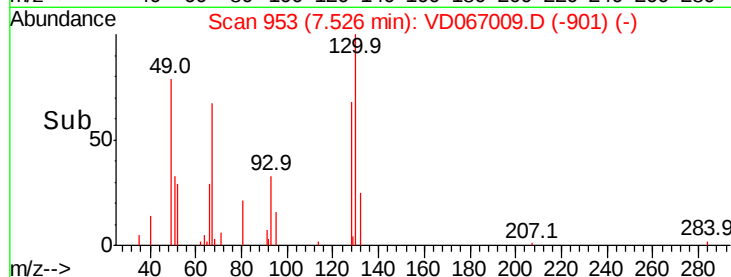
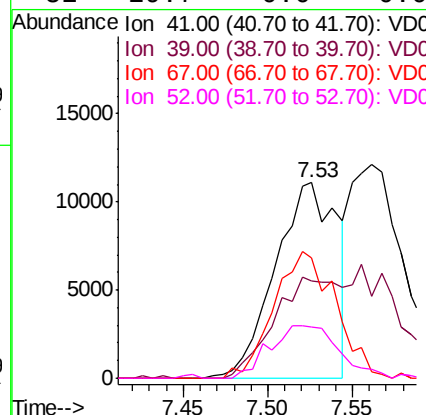
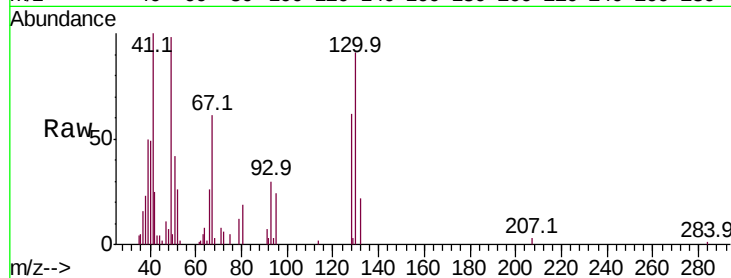




#41
Methacrylonitrile
Concen: 23.403 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

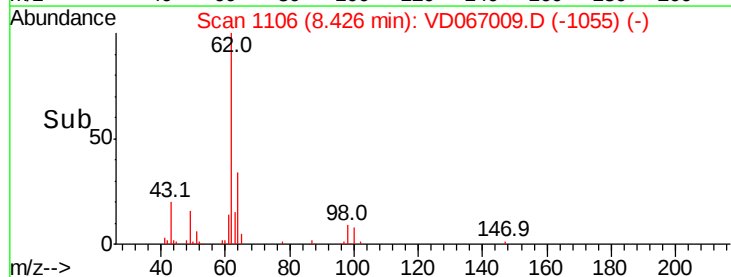
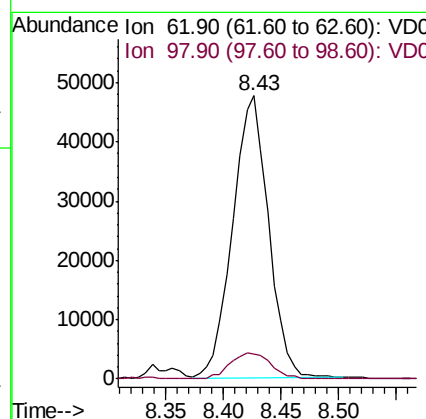
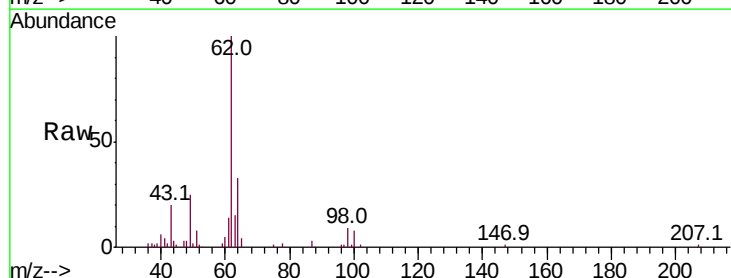
Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

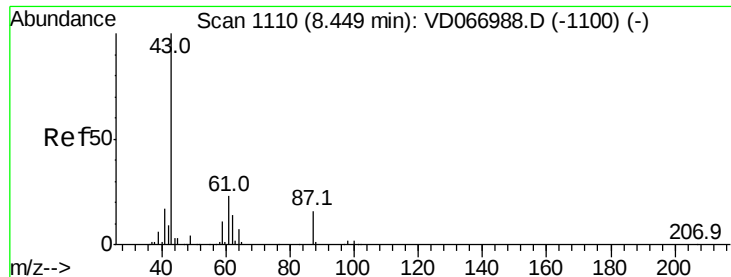
Tot Ion: 41 Resp: 28200
Ion Ratio Lower Upper
41 100
39 54.9 0.0 0.0#
67 64.8 0.0 0.0#
52 29.7 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.548 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion: 62 Resp: 102678
Ion Ratio Lower Upper
62 100
98 10.3 0.0 22.6





#43

Isopropyl Acetate

Concen: 19.674 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

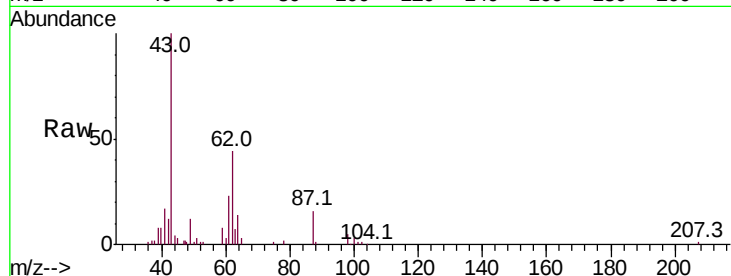
Tot Ion: 43 Resp: 80839

Ion Ratio Lower Upper

43 100

61 34.6 27.1 40.7

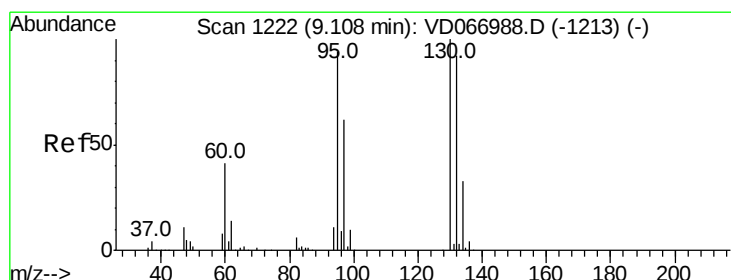
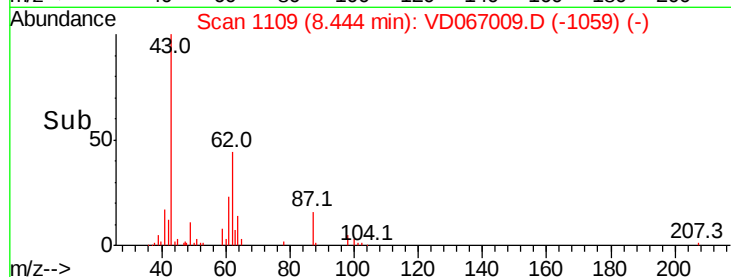
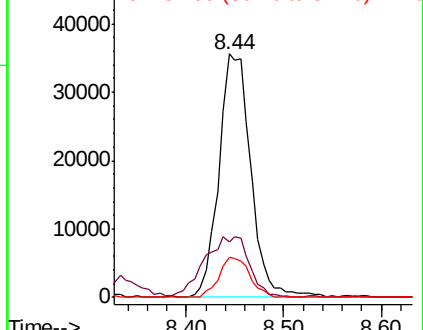
87 15.8 12.3 18.5



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: 19.353 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD067009.D

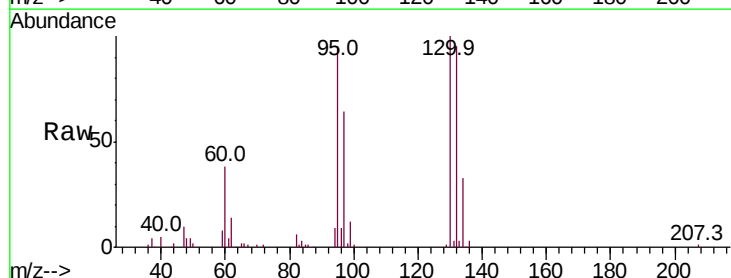
Acq: 02 Oct 2020 00:08

Tgt Ion:130 Resp: 103348

Ion Ratio Lower Upper

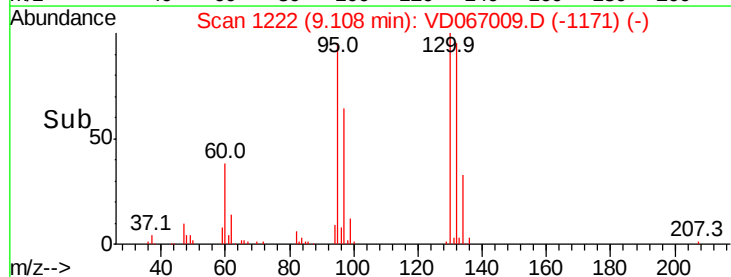
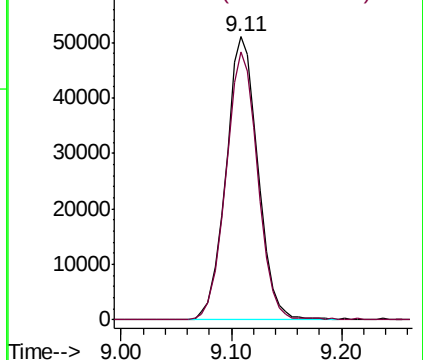
130 100

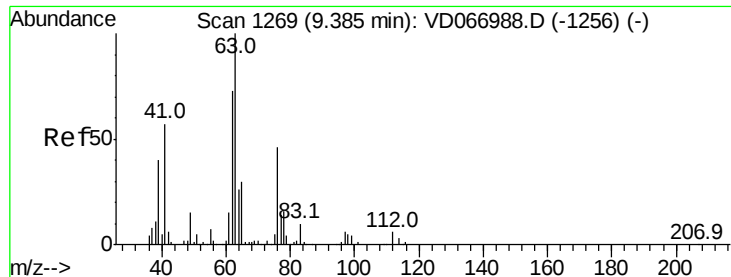
95 94.8 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.620 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

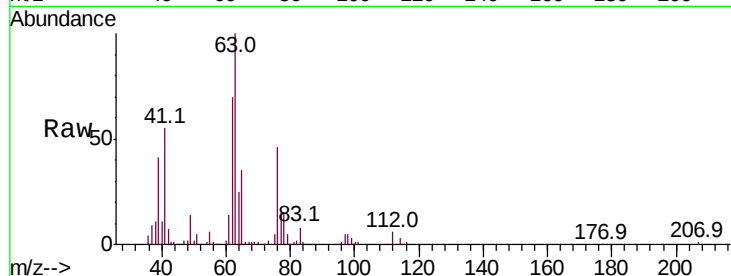
VD1001SBS02

Tot Ion: 63 Resp: 86642

Ion Ratio Lower Upper

63 100

65 34.8 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

50000

40000

30000

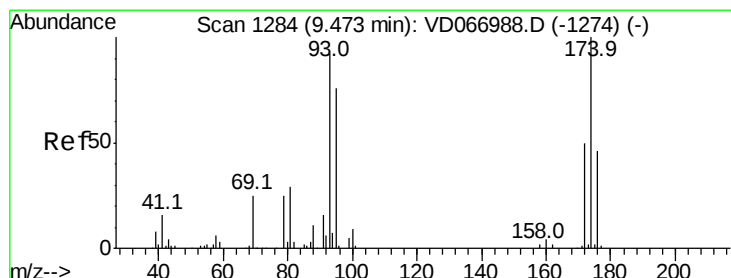
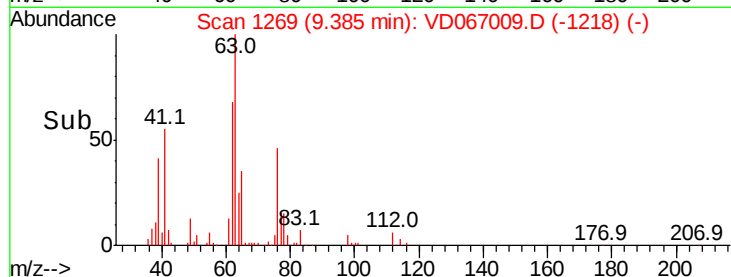
20000

10000

0

9.30 9.35 9.40 9.45

Time-->



#46

Dibromomethane

Concen: 20.411 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

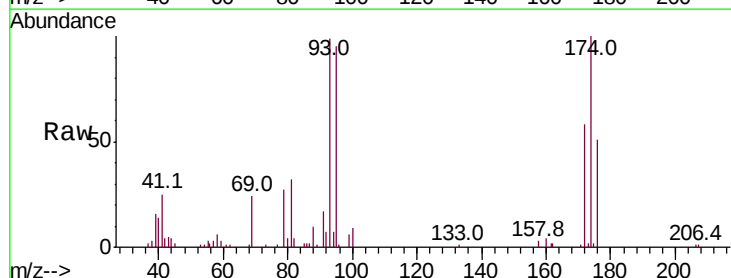
Tgt Ion: 93 Resp: 49293

Ion Ratio Lower Upper

93 100

95 85.7 64.7 97.1

174 100.9 81.4 122.2



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

30000

25000

20000

15000

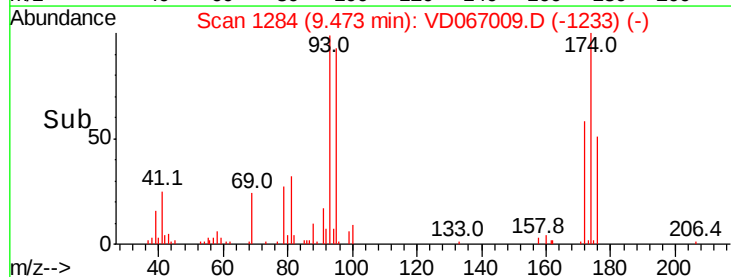
10000

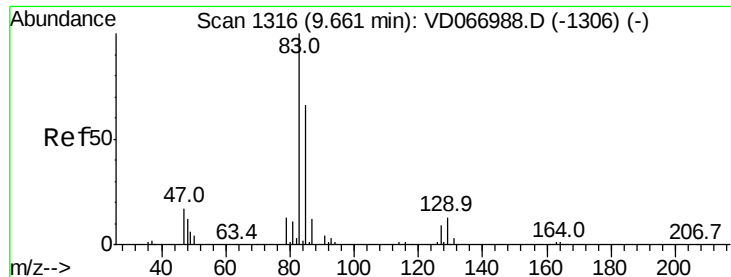
5000

0

9.40 9.45 9.50 9.55

Time-->

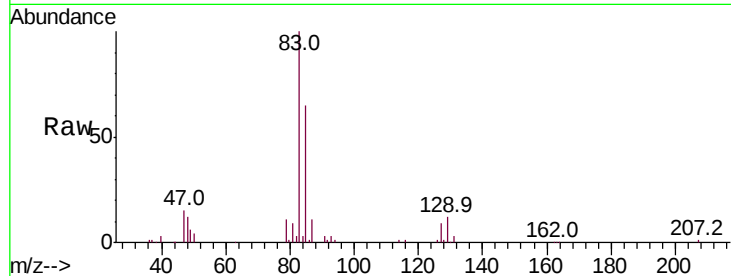




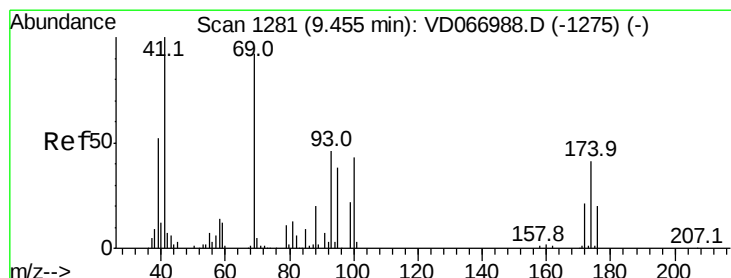
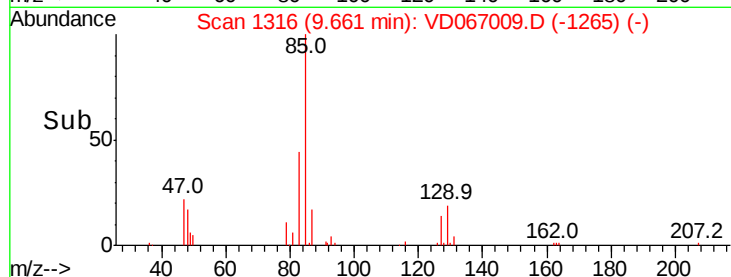
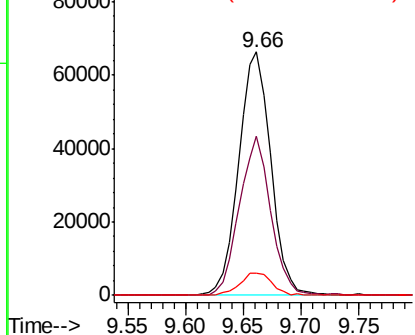
#47
Bromodichloromethane
Concen: 20.417 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion: 83 Resp: 128173
Ion Ratio Lower Upper
83 100
85 65.3 52.9 79.3
127 9.0 7.3 10.9

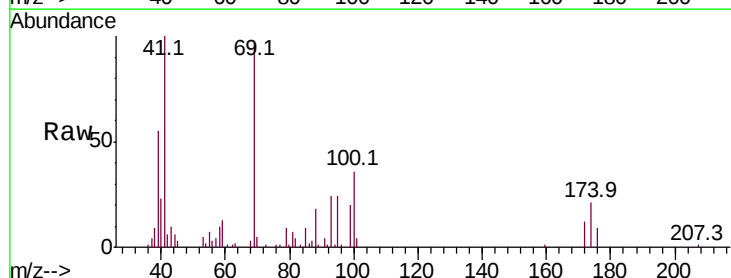


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

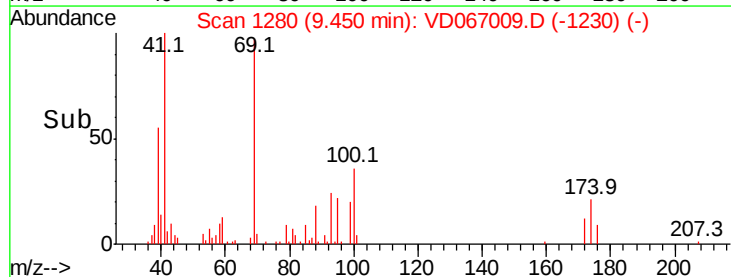
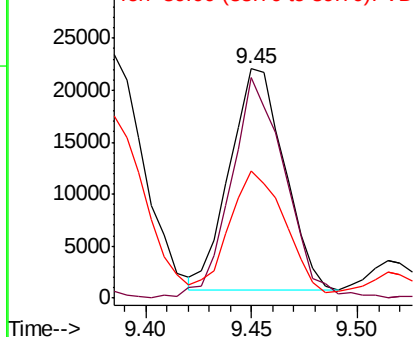


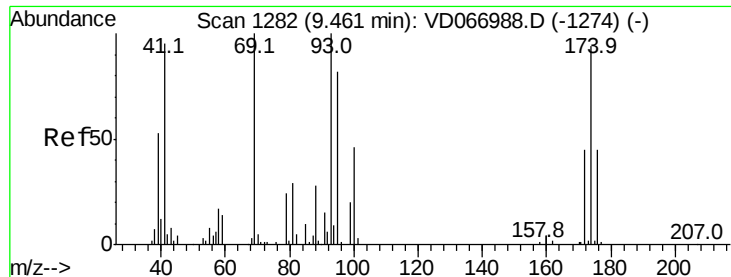
#48
Methyl methacrylate
Concen: 18.118 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion: 41 Resp: 38139
Ion Ratio Lower Upper
41 100
69 99.3 68.5 102.7
39 60.2 40.2 60.2



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 376.594 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

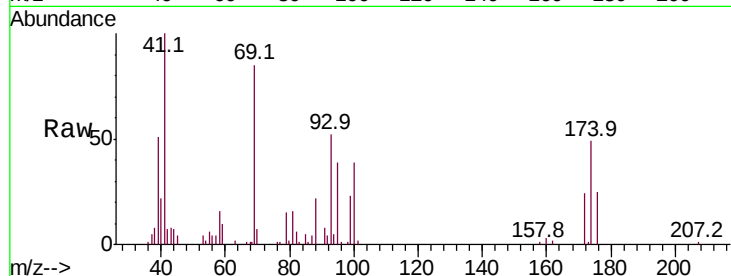
Tot Ion: 88 Resp: 9492

Ion Ratio Lower Upper

88 100

43 40.7 25.6 38.4#

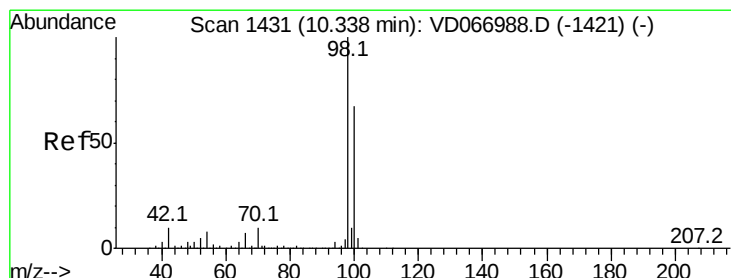
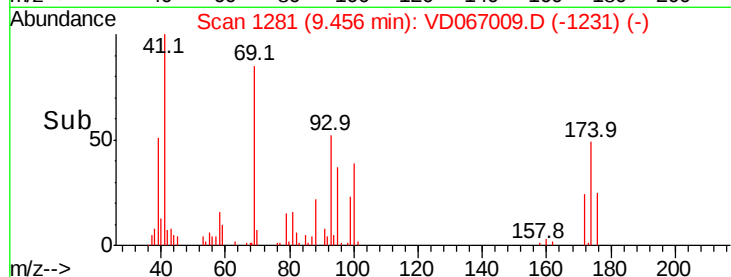
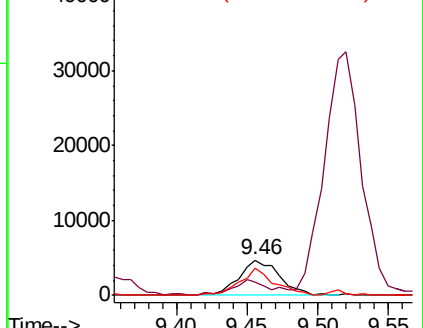
58 65.1 53.5 80.3



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 50.066 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067009.D

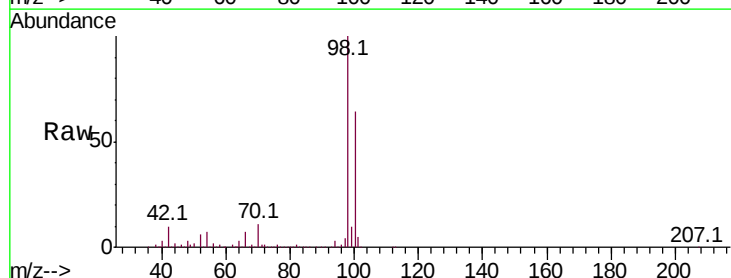
Acq: 02 Oct 2020 00:08

Tgt Ion: 98 Resp: 824984

Ion Ratio Lower Upper

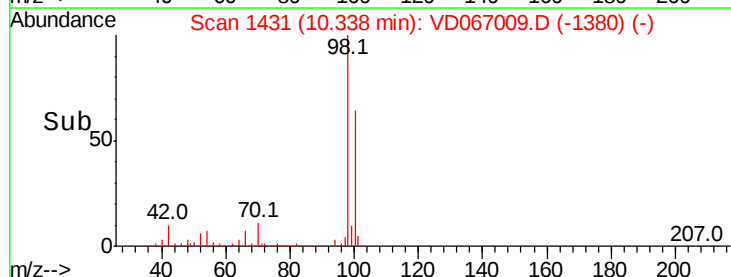
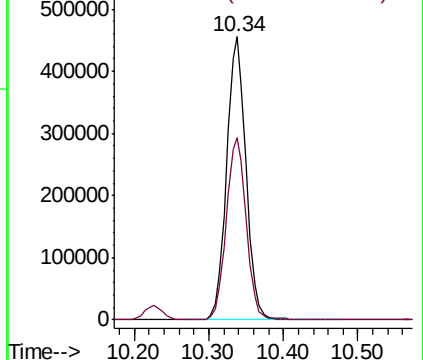
98 100

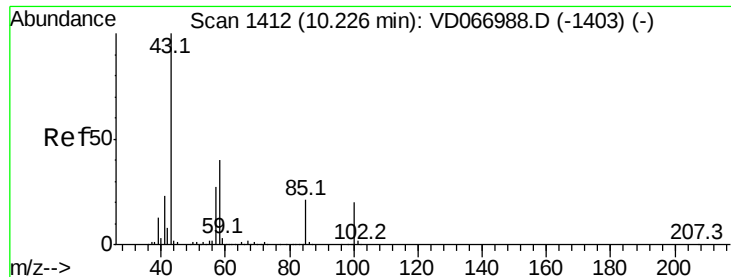
100 65.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 96.270 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

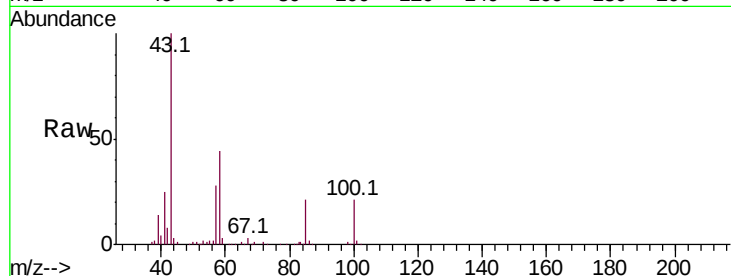
VD1001SBS02

Tot Ion: 43 Resp: 197031

Ion Ratio Lower Upper

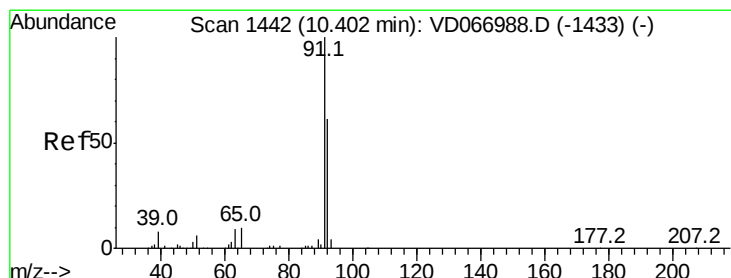
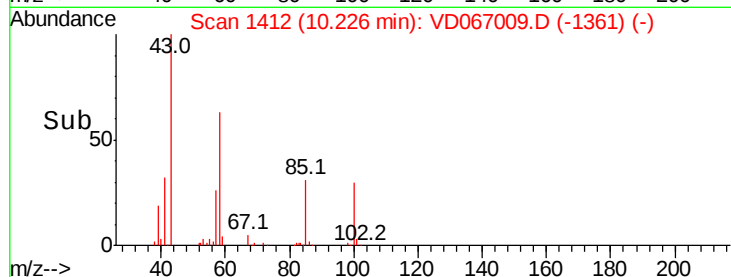
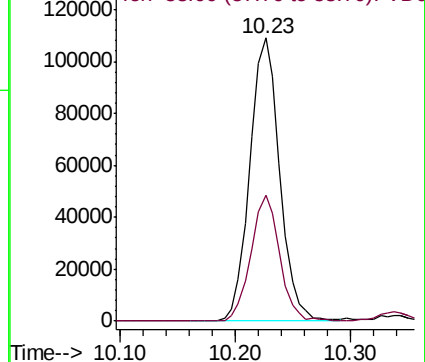
43 100

58 42.7 33.8 50.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 20.893 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD067009.D

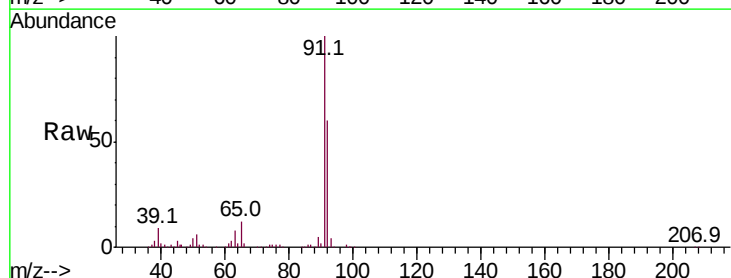
Acq: 02 Oct 2020 00:08

Tgt Ion: 92 Resp: 240676

Ion Ratio Lower Upper

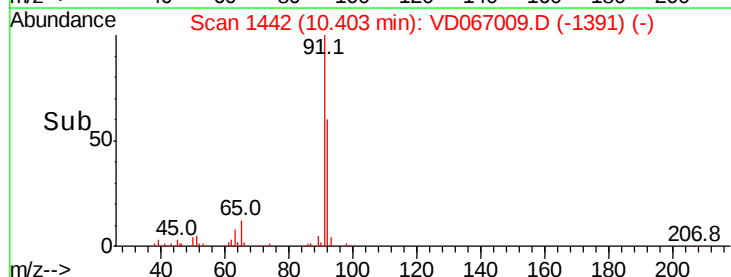
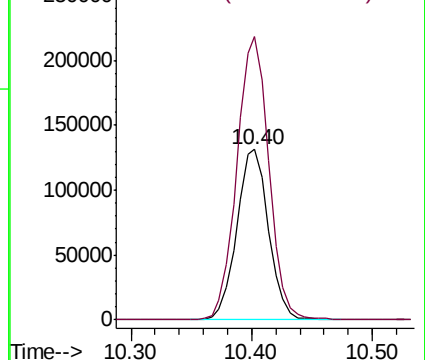
92 100

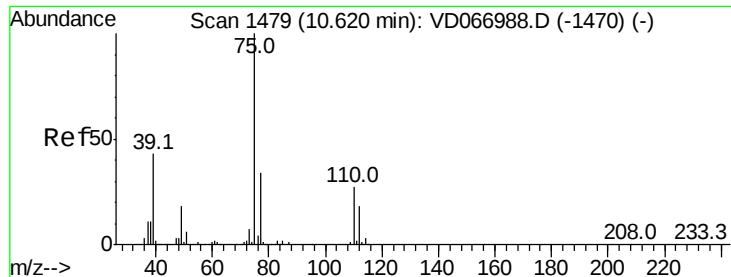
91 167.8 135.1 202.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 19.784 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

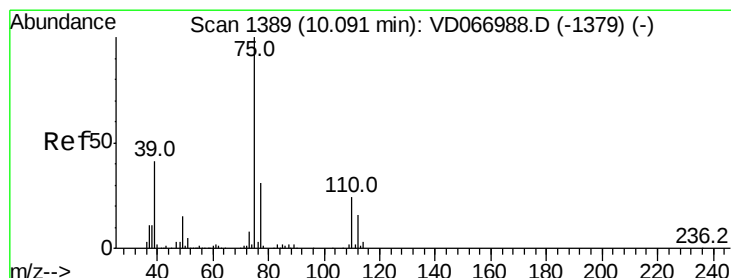
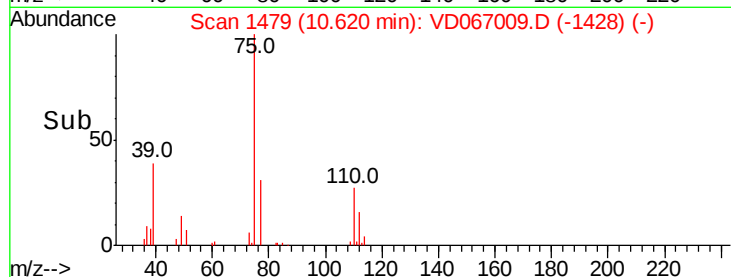
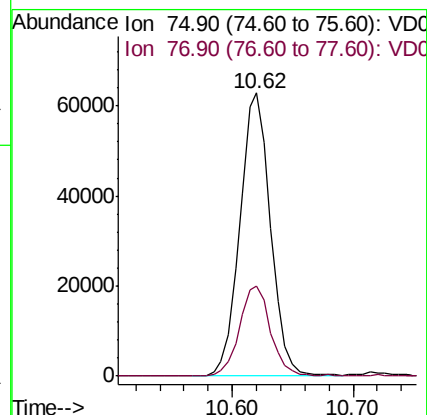
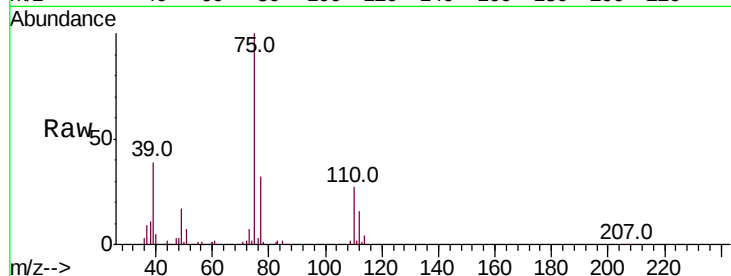
VD1001SBS02

Tot Ion: 75 Resp: 110998

Ion Ratio Lower Upper

75 100

77 31.7 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 19.675 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

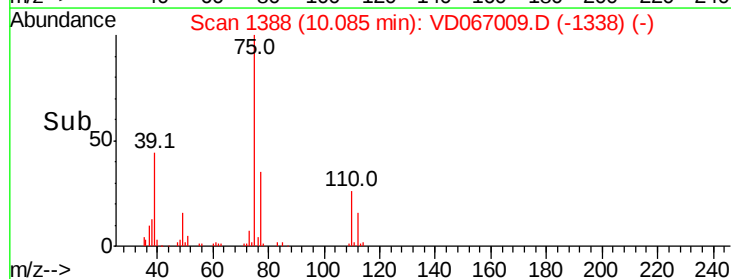
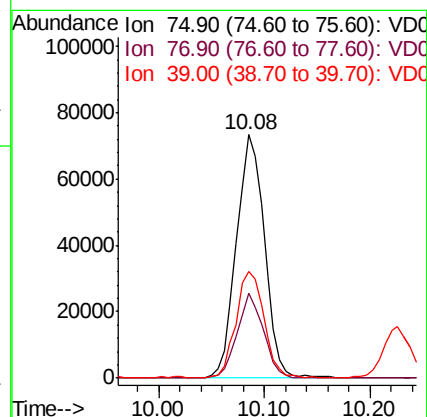
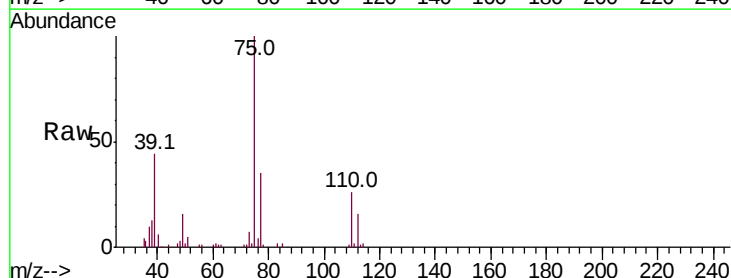
Tgt Ion: 75 Resp: 134795

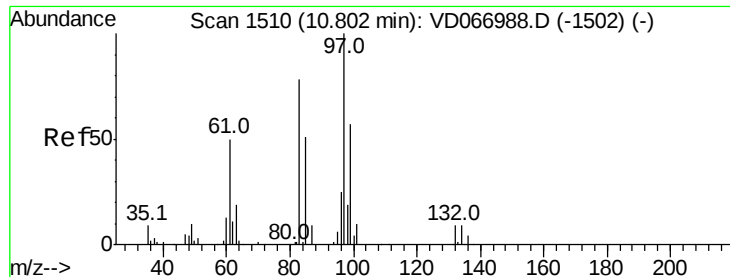
Ion Ratio Lower Upper

75 100

77 34.8 24.6 37.0

39 43.4 33.0 49.4

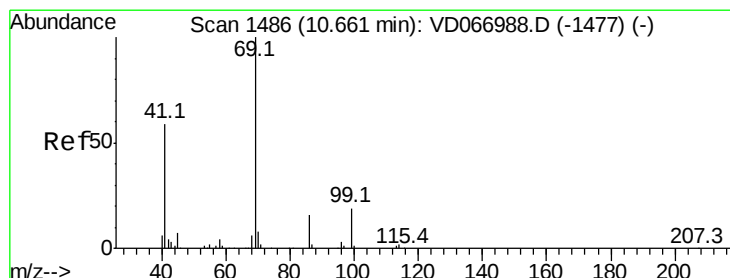
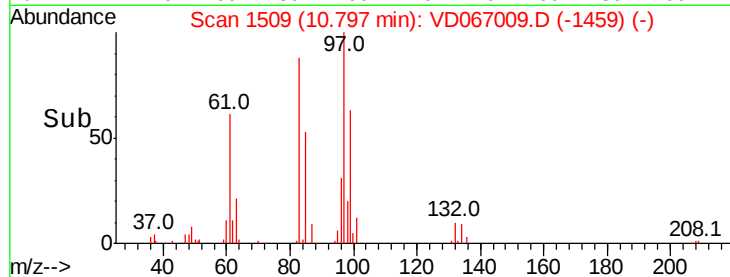
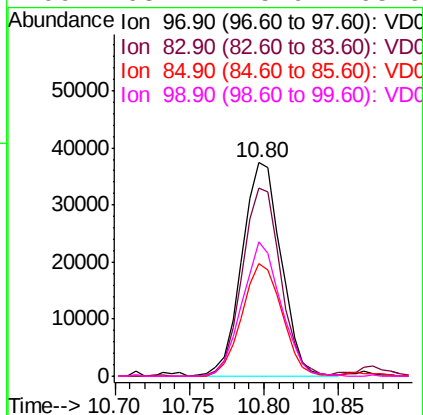
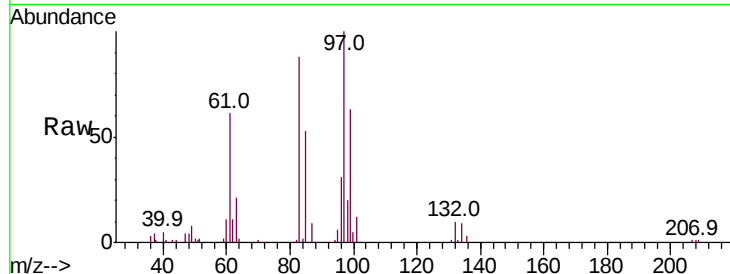




#55
 1,1,2-Trichloroethane
 Concen: 20.257 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

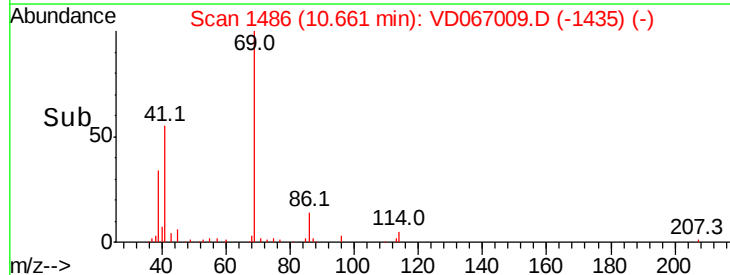
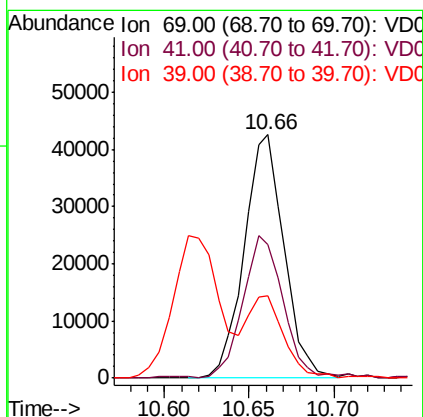
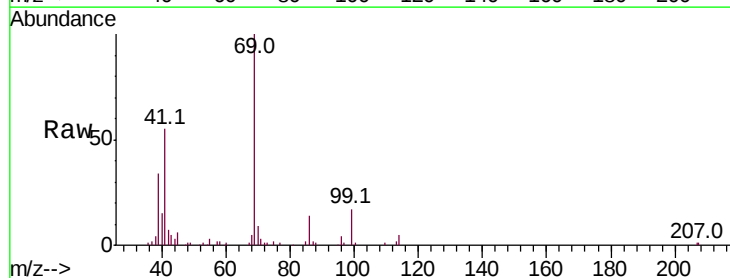
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBS02

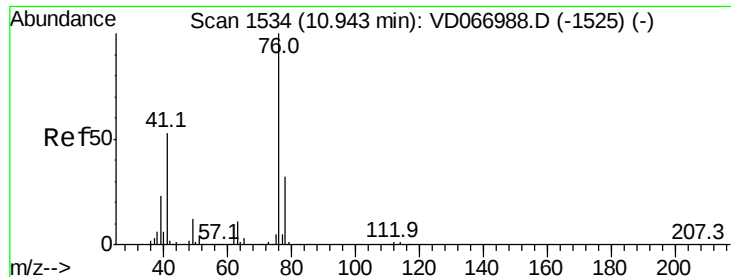
Tot Ion:	97	Resp:	68016
Ion	Ratio	Lower	Upper
97	100		
83	88.2	62.4	93.6
85	52.7	41.0	61.4
99	63.1	45.9	68.9



#56
 Ethyl methacrylate
 Concen: 20.135 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Tgt Ion:	69	Resp:	69798
Ion	Ratio	Lower	Upper
69	100		
41	59.7	46.4	69.6
39	30.2	23.8	35.6





#57

1,3-Dichloropropane

Concen: 20.695 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

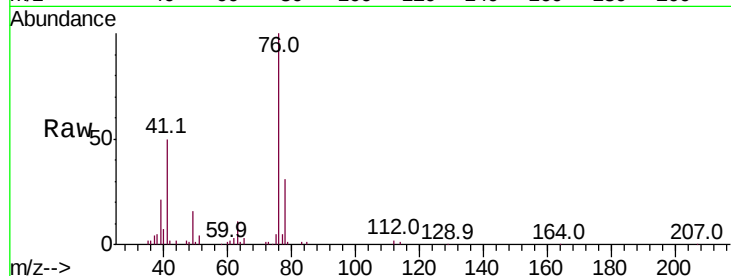
VD1001SBS02

Tot Ion: 76 Resp: 112676

Ion Ratio Lower Upper

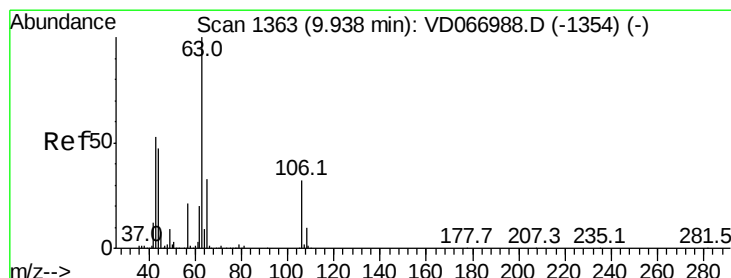
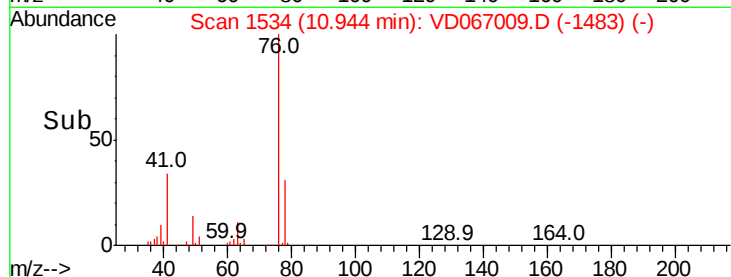
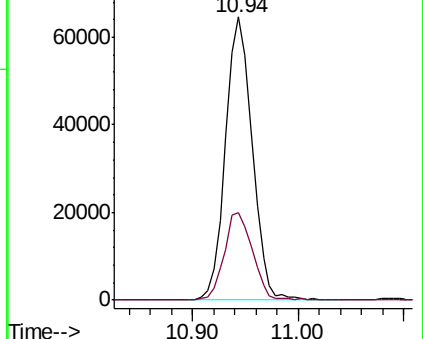
76 100

78 32.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 102.881 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD067009.D

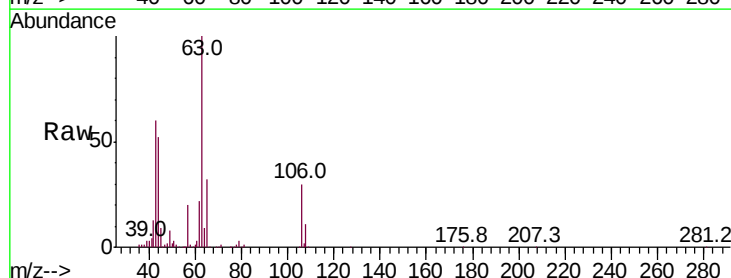
Acq: 02 Oct 2020 00:08

Tgt Ion: 63 Resp: 198498

Ion Ratio Lower Upper

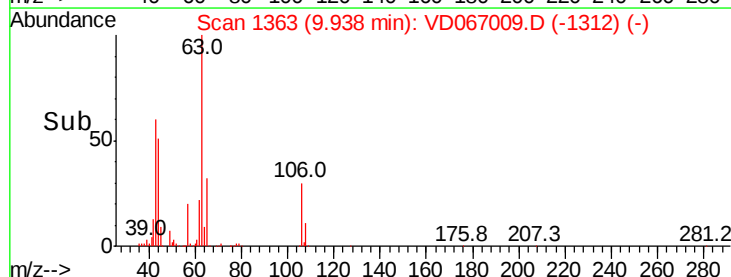
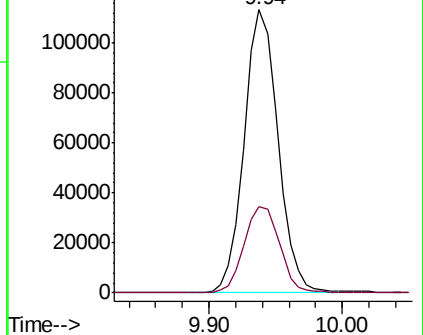
63 100

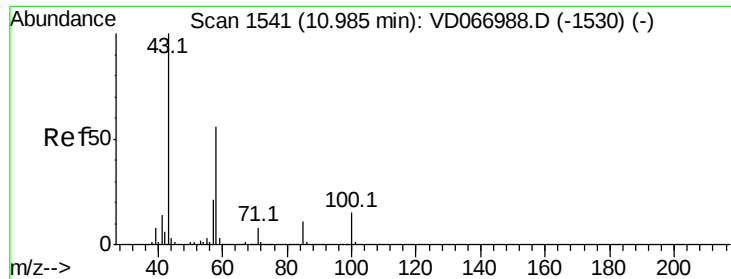
106 32.2 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 96.332 ug/l

RT: 10.98 min Scan# 1541

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

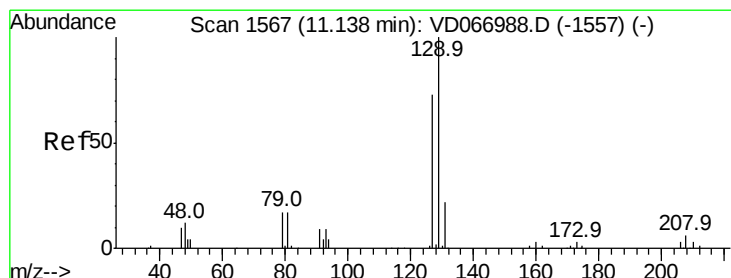
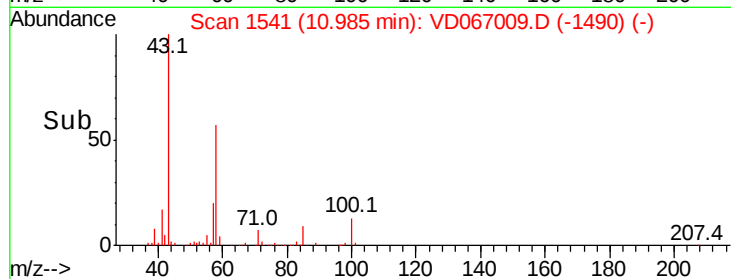
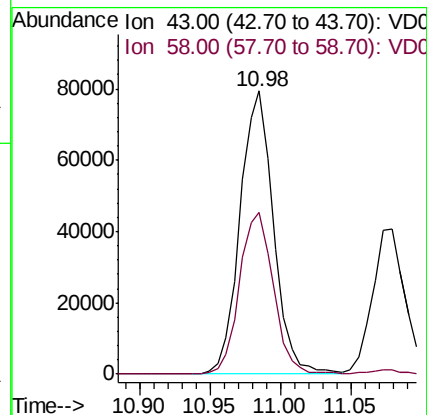
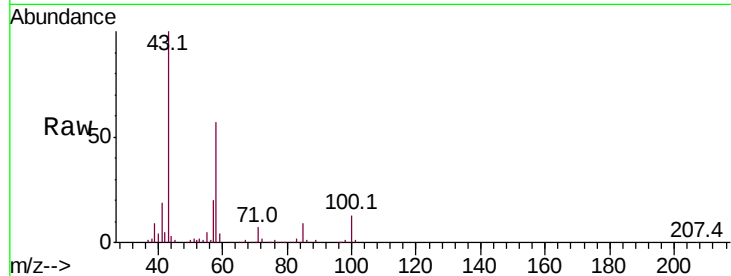
VD1001SBS02

Tot Ion: 43 Resp: 131591

Ion Ratio Lower Upper

43 100

58 57.8 28.3 84.9



#60

Dibromochloromethane

Concen: 20.469 ug/l

RT: 11.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VD067009.D

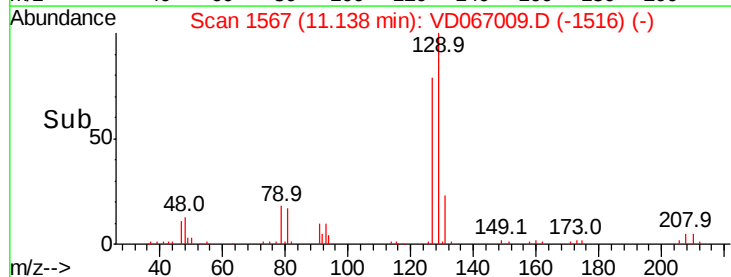
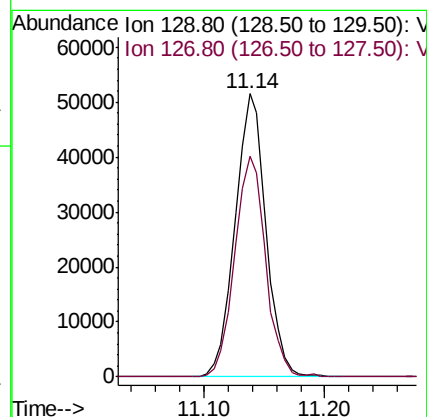
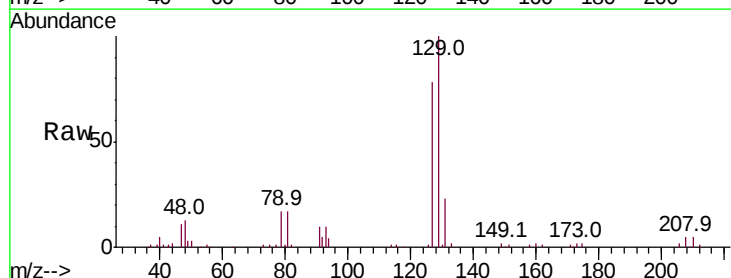
Acq: 02 Oct 2020 00:08

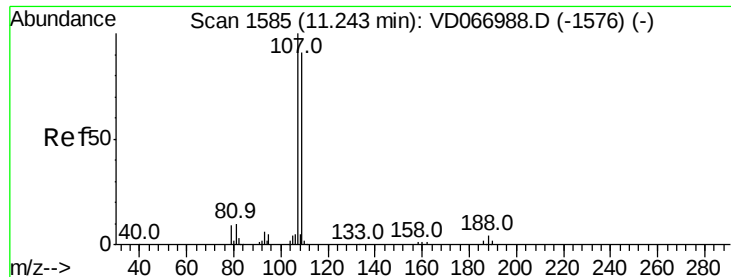
Tgt Ion: 129 Resp: 91602

Ion Ratio Lower Upper

129 100

127 78.1 37.4 112.1

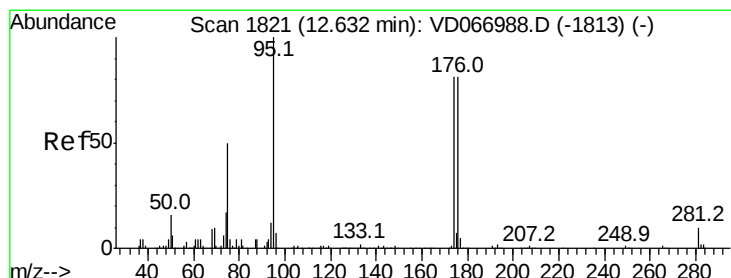
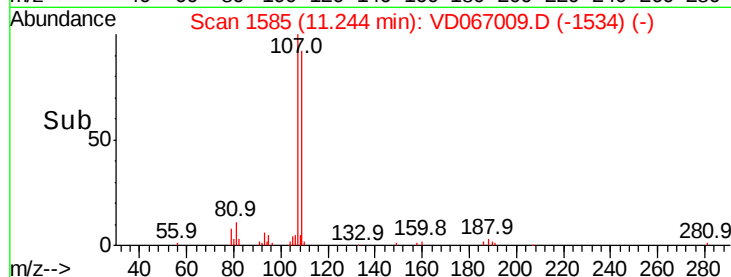
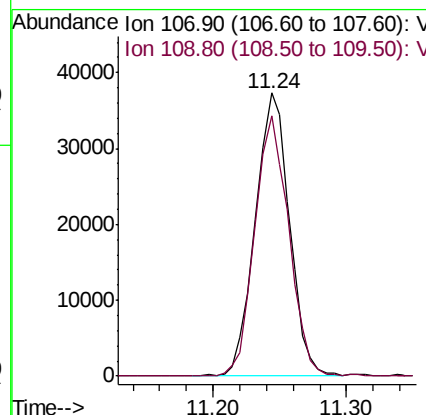
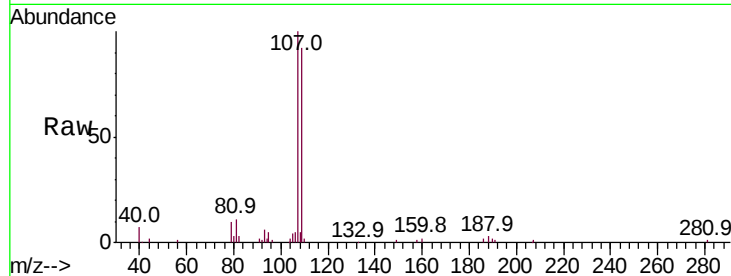




#61
 1,2-Dibromoethane
 Concen: 20.413 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

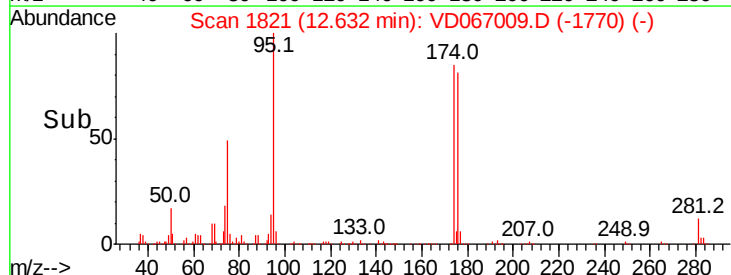
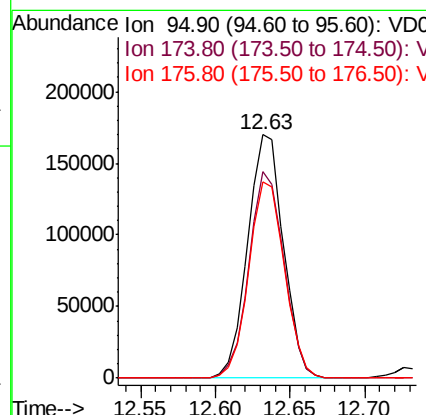
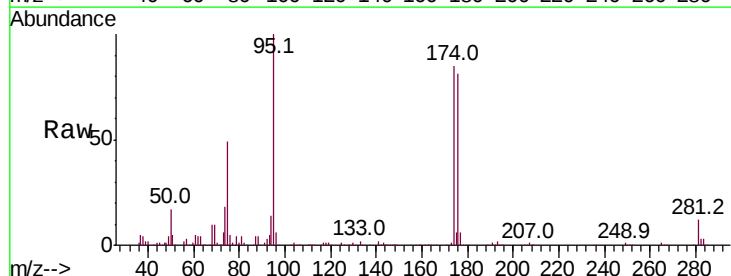
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBS02

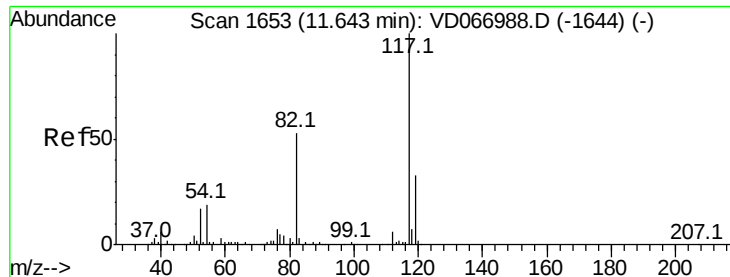
Tot Ion:107 Resp: 65847
 Ion Ratio Lower Upper
 107 100
 109 91.6 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 50.290 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Tgt Ion: 95 Resp: 281318
 Ion Ratio Lower Upper
 95 100
 174 83.2 0.0 167.6
 176 80.8 0.0 162.4

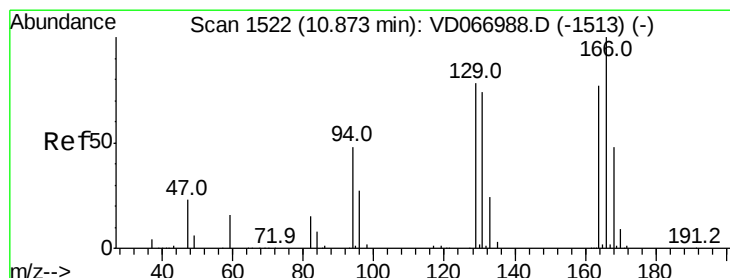
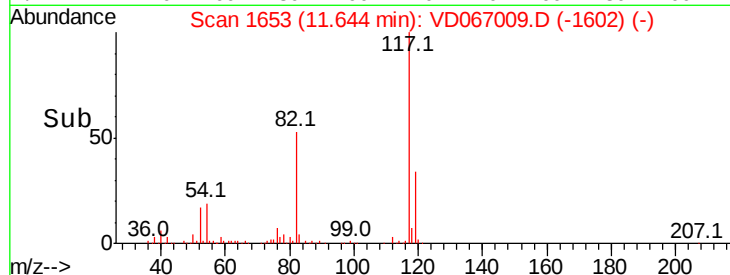
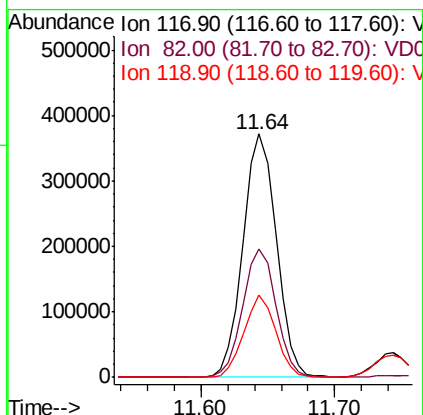
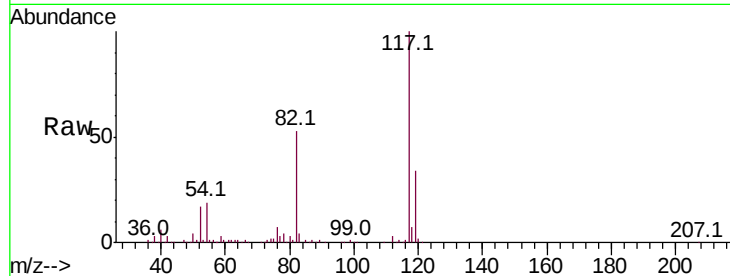




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

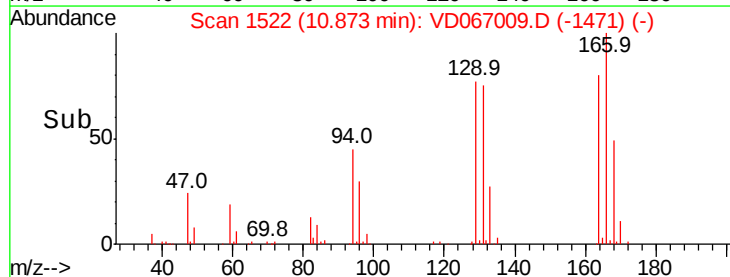
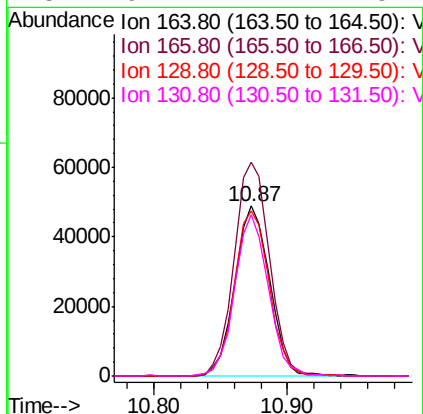
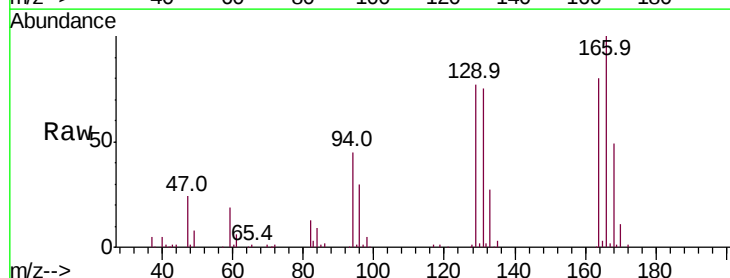
Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

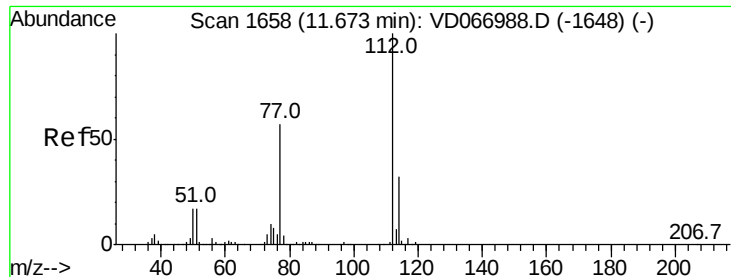
Tot Ion:117 Resp: 645542
Ion Ratio Lower Upper
117 100
82 52.9 42.6 63.8
119 33.8 26.3 39.5



#64
Tetrachloroethene
Concen: 18.781 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion:164 Resp: 88140
Ion Ratio Lower Upper
164 100
166 125.7 104.4 156.6
129 96.9 81.3 121.9
131 94.7 77.1 115.7

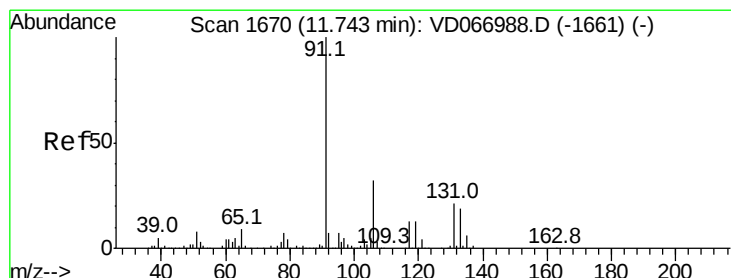
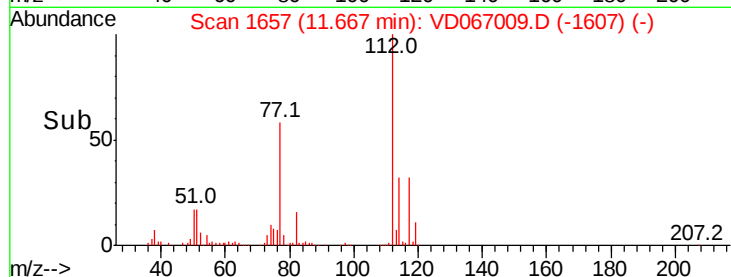
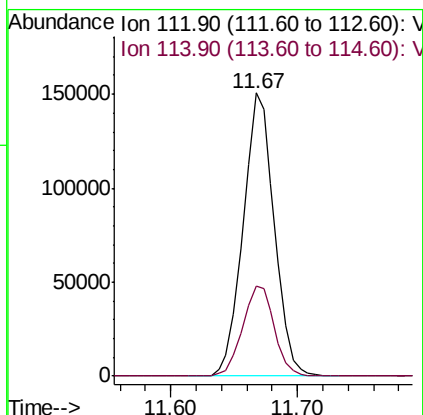
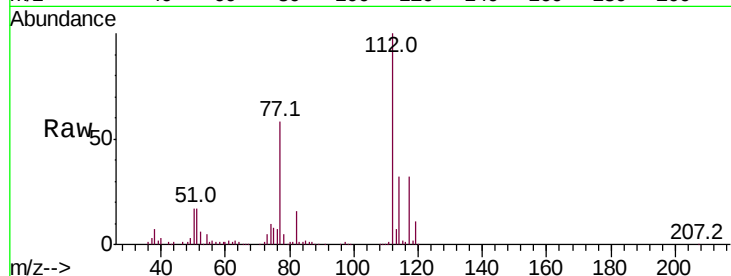




#65
Chlorobenzene
Concen: 19.967 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

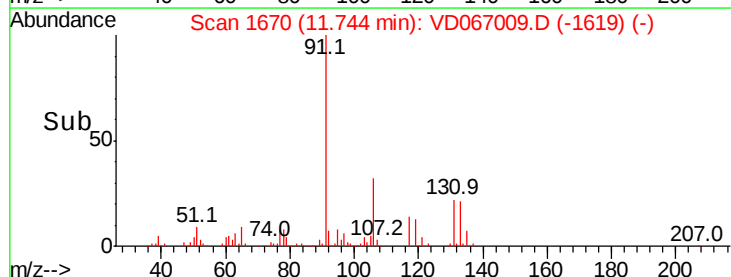
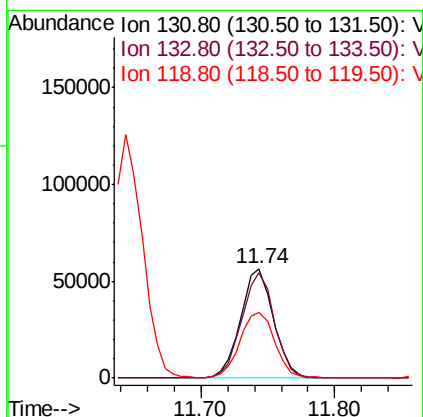
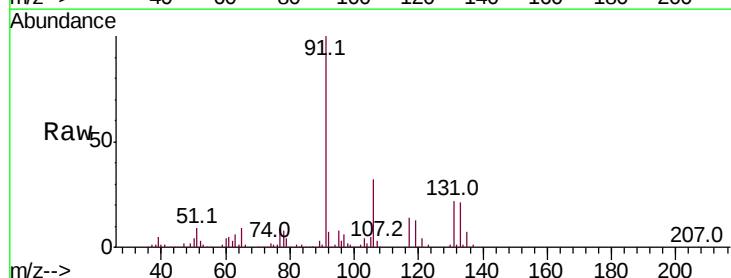
Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

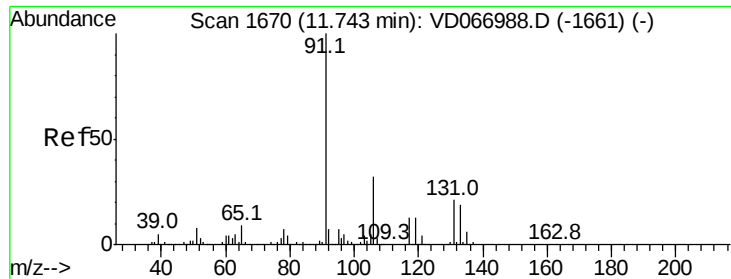
Tot Ion:112 Resp: 256352
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.779 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion:131 Resp: 96598
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.3
119 63.6 32.3 96.8

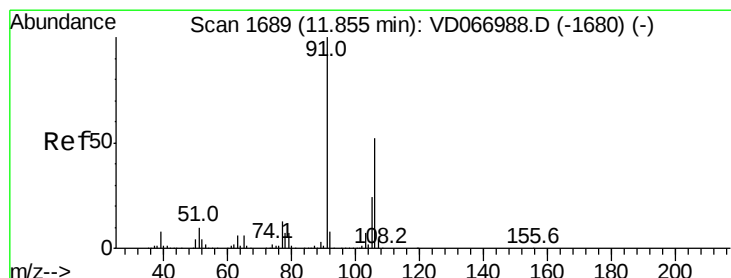
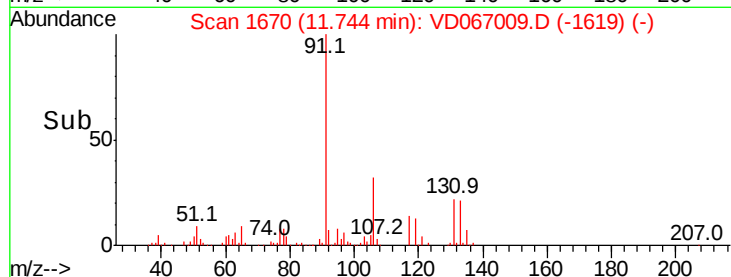
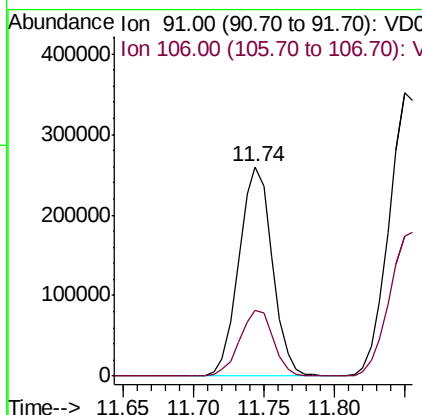
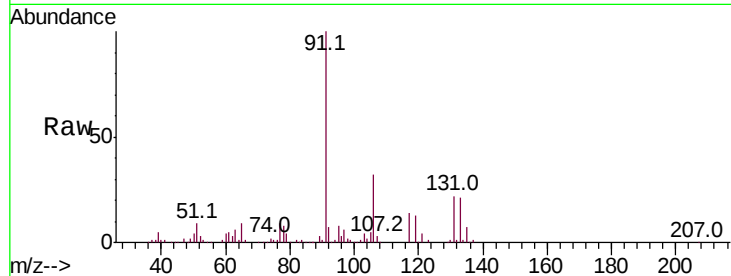




#67
Ethyl Benzene
Concen: 19.590 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

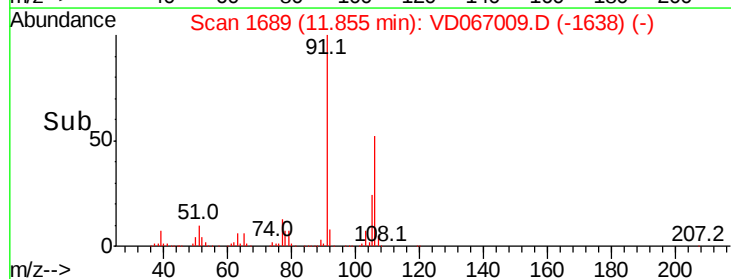
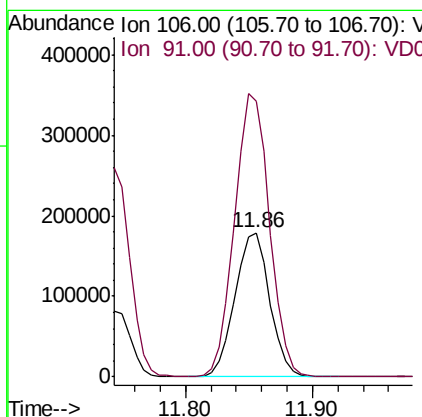
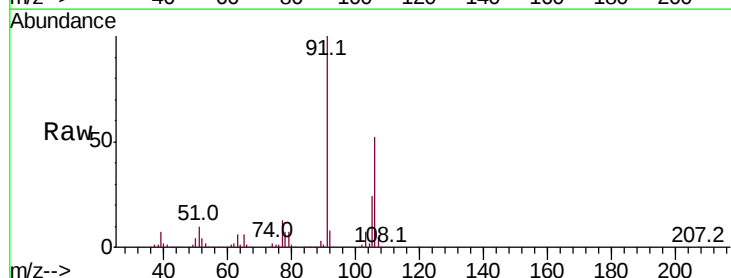
Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

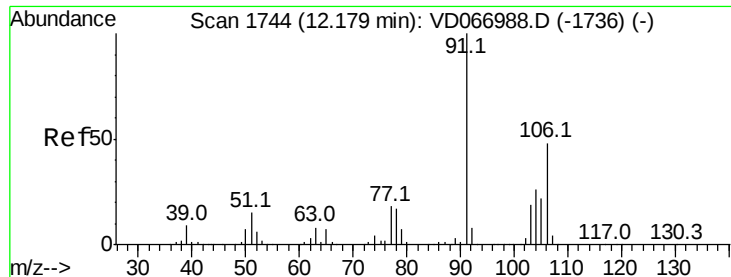
Tot Ion: 91 Resp: 430947
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.2



#68
m/p-Xylenes
Concen: 39.584 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion: 106 Resp: 339353
Ion Ratio Lower Upper
106 100
91 197.7 158.4 237.6

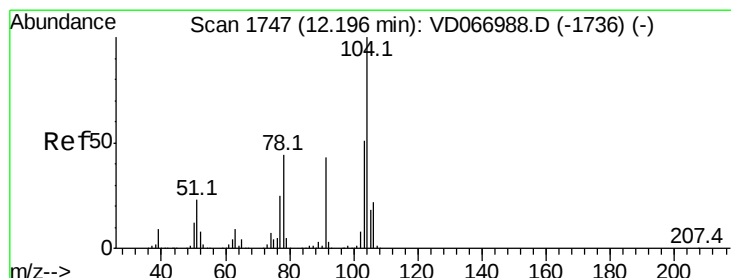
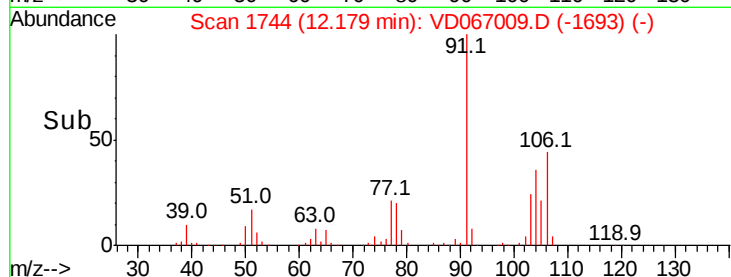
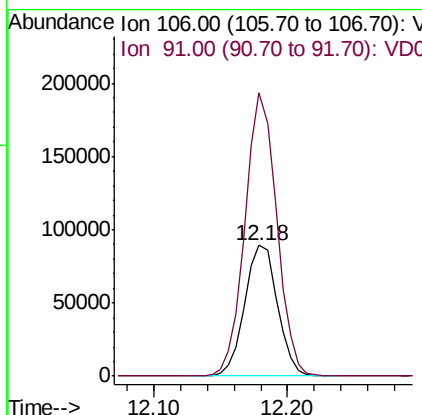
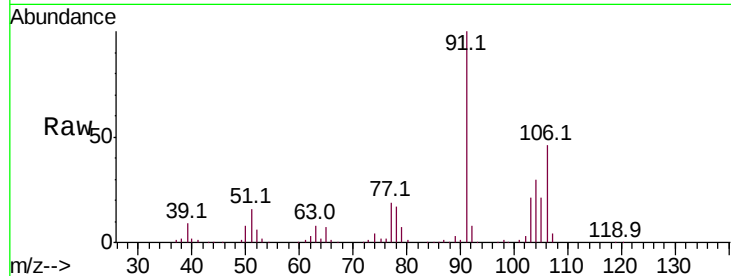




#69
o-Xylene
Concen: 19.736 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

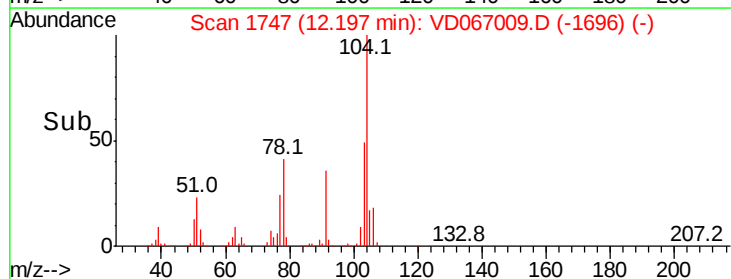
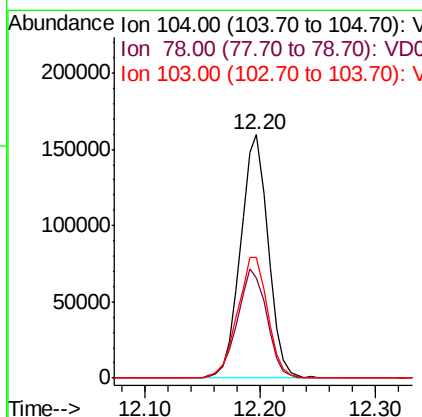
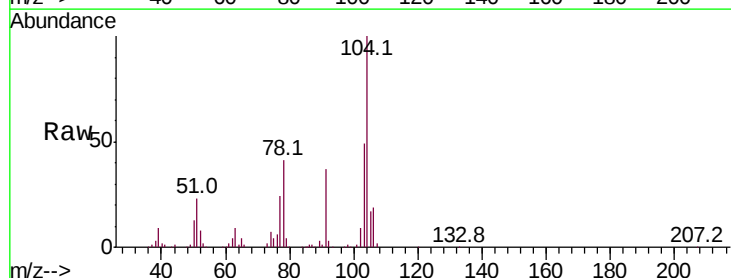
Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

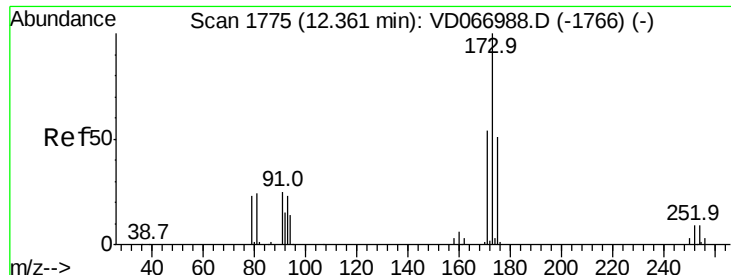
Tot Ion:106 Resp: 151305
Ion Ratio Lower Upper
106 100
91 209.8 102.4 307.2



#70
Styrene
Concen: 20.183 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion:104 Resp: 265698
Ion Ratio Lower Upper
104 100
78 47.8 38.6 58.0
103 54.3 43.4 65.0





#71

Bromoform

Concen: 19.475 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

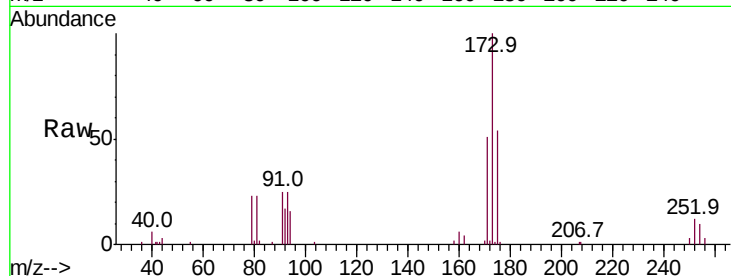
Tot Ion:173 Resp: 49370

Ion Ratio Lower Upper

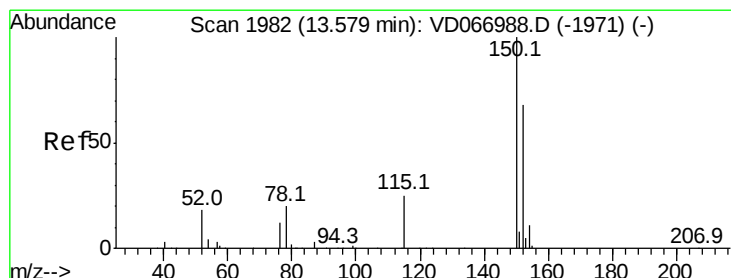
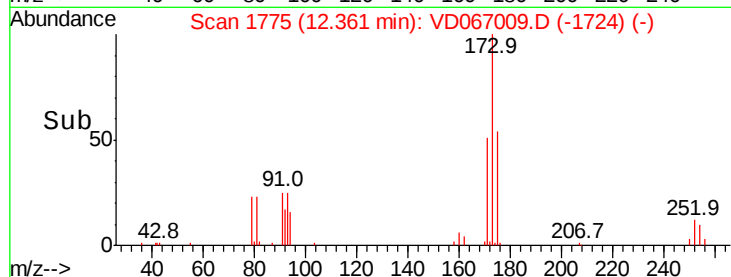
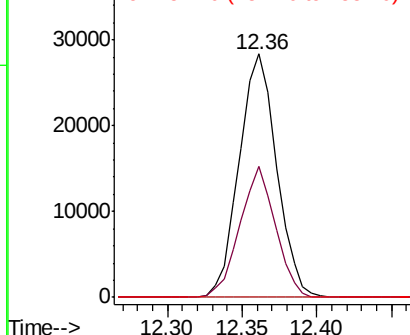
173 100

175 51.0 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: VD067009.D

Acq: 02 Oct 2020 00:08

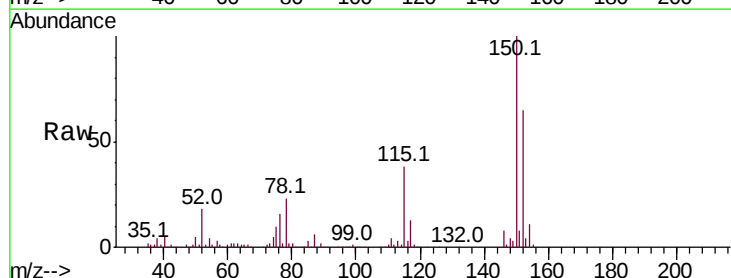
Tgt Ion:152 Resp: 307242

Ion Ratio Lower Upper

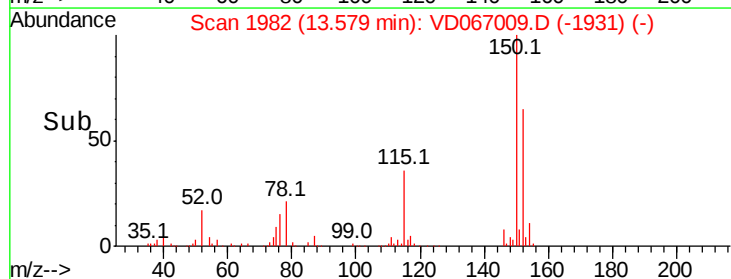
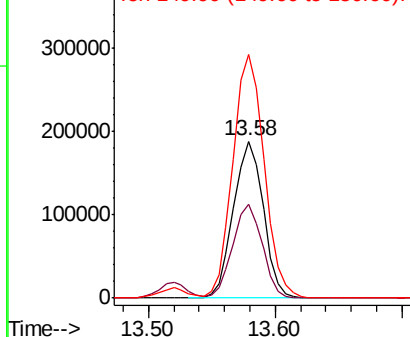
152 100

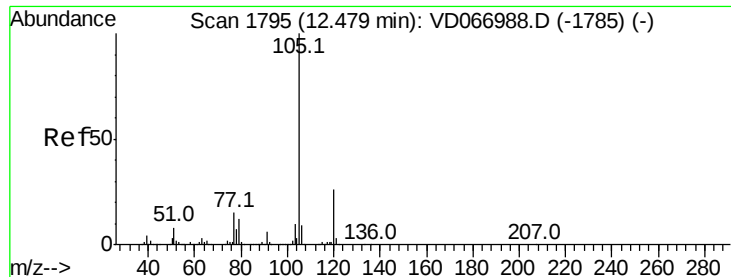
115 59.3 29.6 88.8

150 162.0 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: 19.560 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

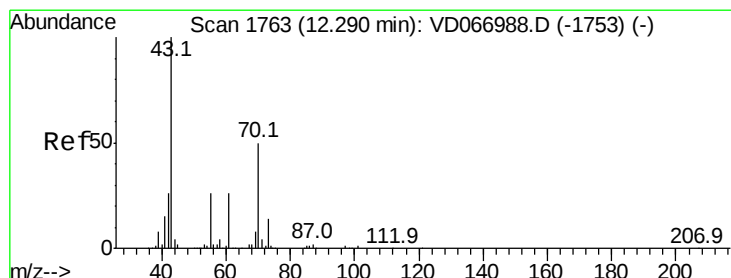
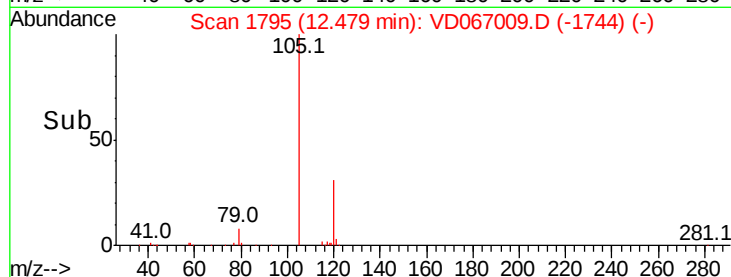
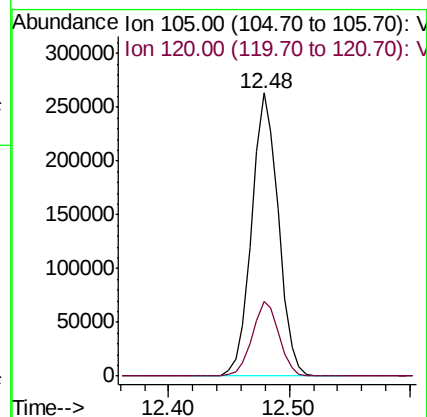
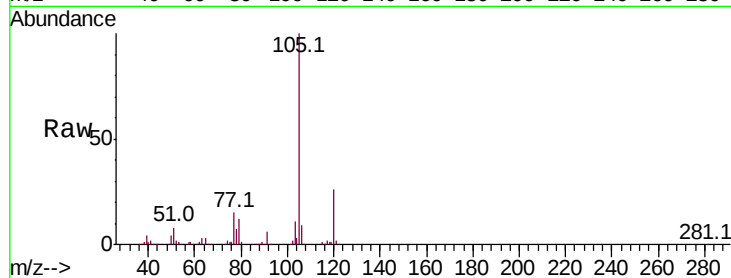
VD1001SBS02

Tot Ion:105 Resp: 408063

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 18.914 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Tgt Ion: 43 Resp: 70933

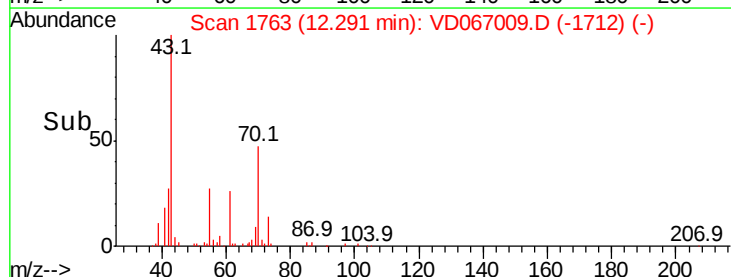
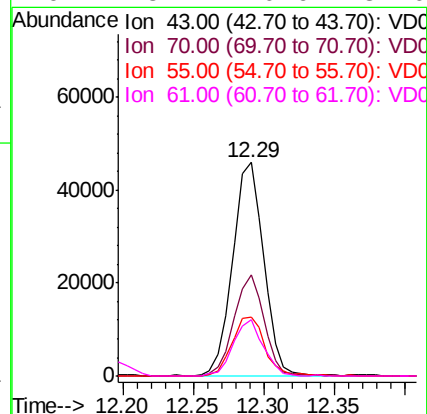
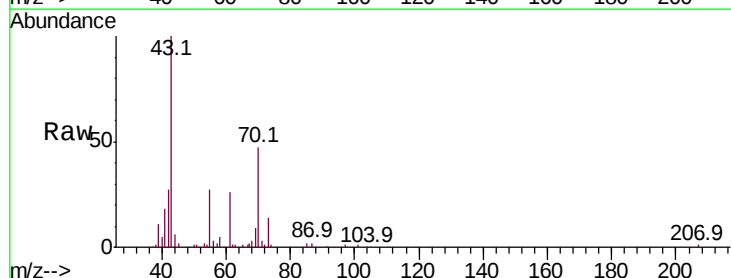
Ion Ratio Lower Upper

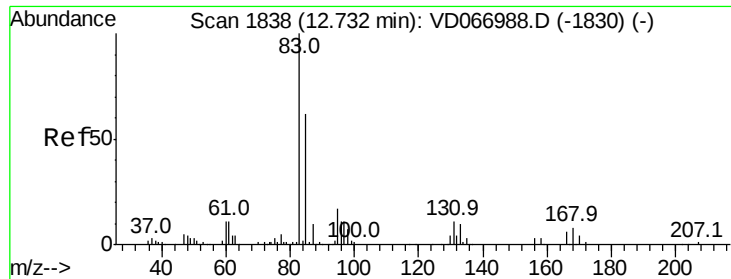
43 100

70 46.0 38.2 57.2

55 28.9 22.4 33.6

61 25.2 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.670 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

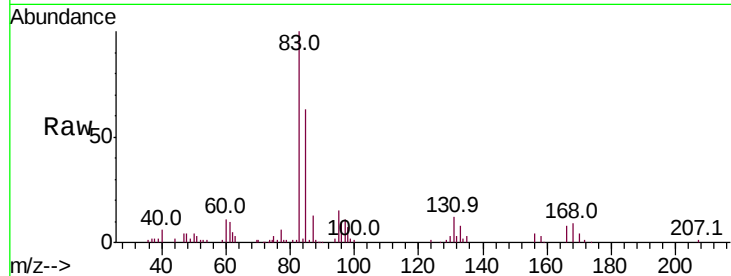
Tot Ion: 83 Resp: 69140

Ion Ratio Lower Upper

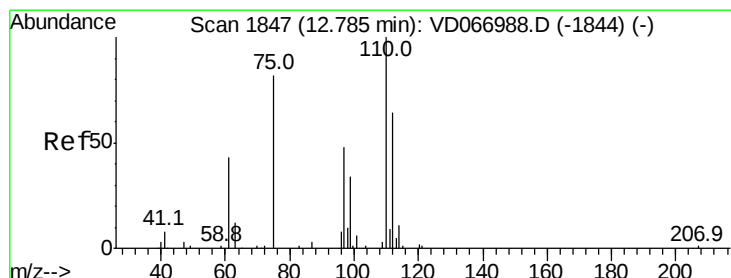
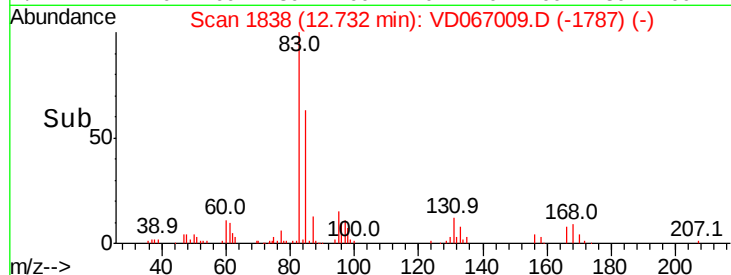
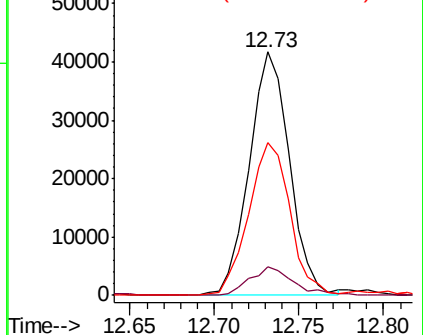
83 100

131 12.4 5.7 17.0

85 64.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 32.732 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067009.D

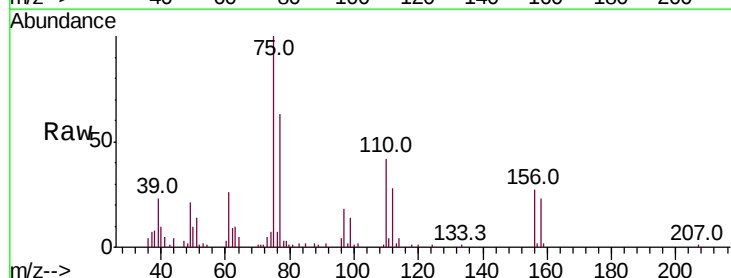
Acq: 02 Oct 2020 00:08

Tgt Ion: 75 Resp: 87596

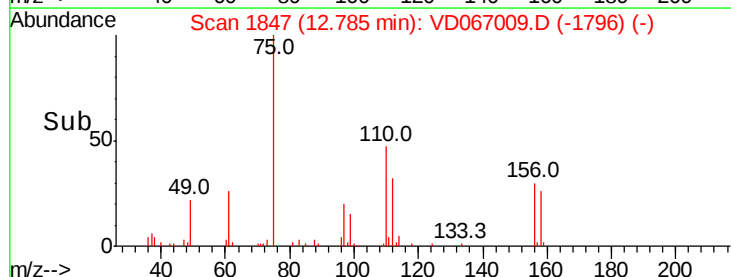
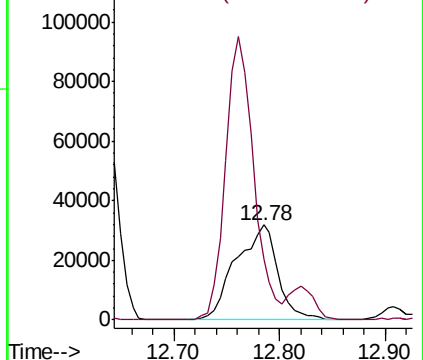
Ion Ratio Lower Upper

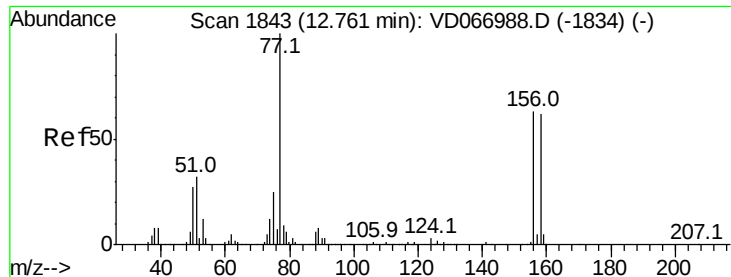
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.801 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

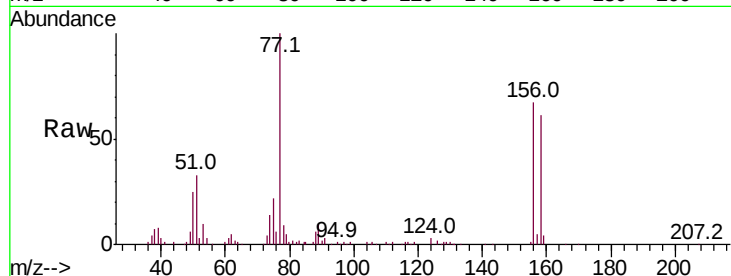
Tot Ion:156 Resp: 104785

Ion Ratio Lower Upper

156 100

77 168.3 86.3 258.8

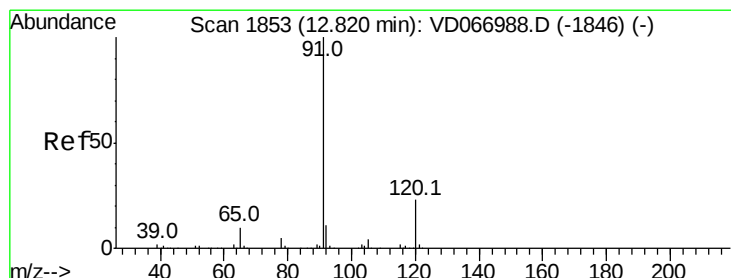
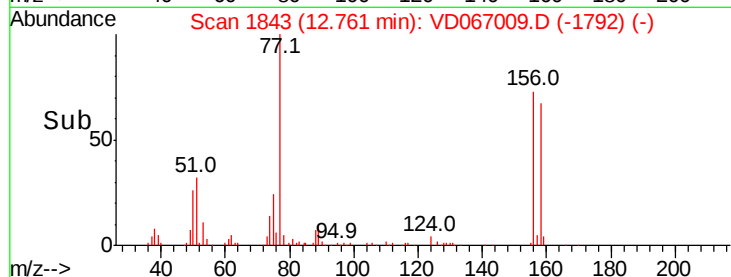
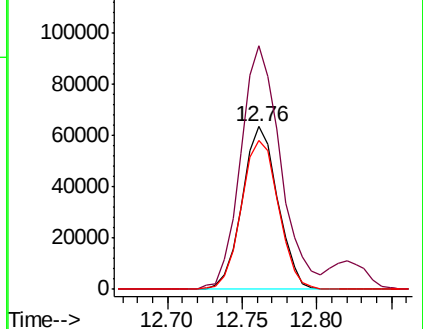
158 95.4 49.5 148.3



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: 19.289 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD067009.D

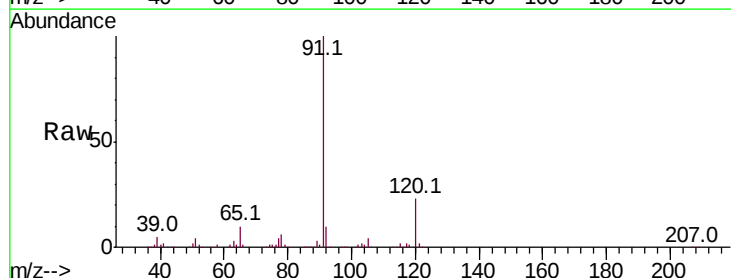
Acq: 02 Oct 2020 00:08

Tgt Ion: 91 Resp: 475585

Ion Ratio Lower Upper

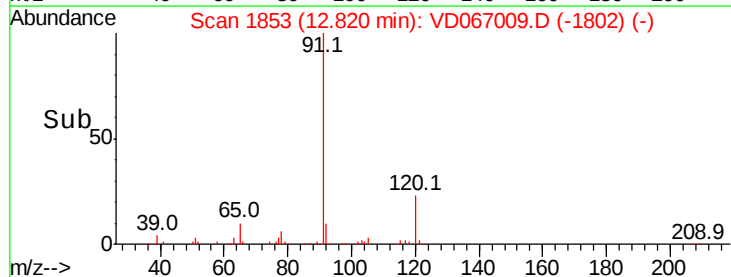
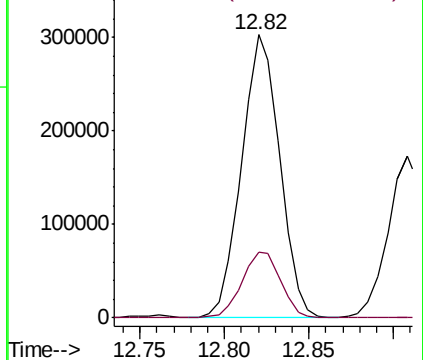
91 100

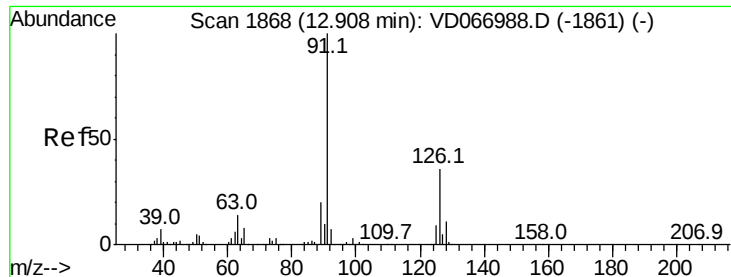
120 23.8 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.174 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

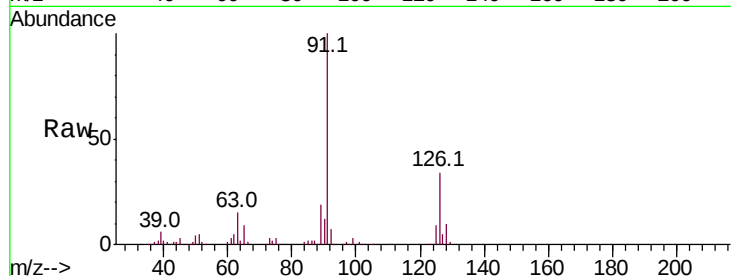
VD1001SBS02

Tot Ion: 91 Resp: 284585

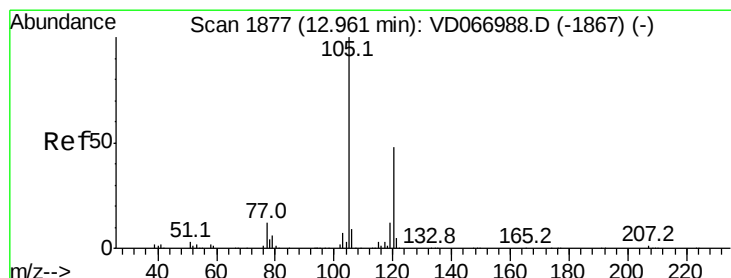
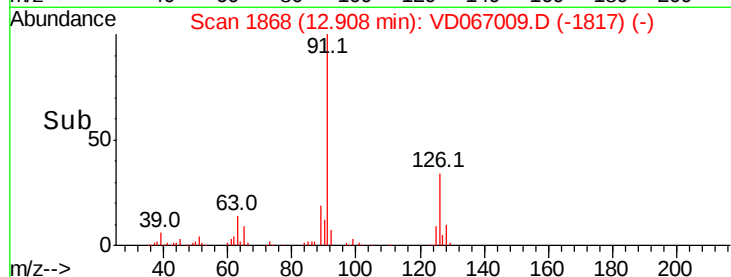
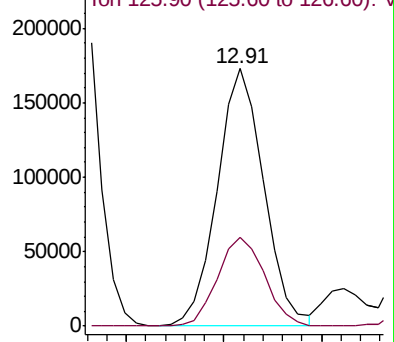
Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.6



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



#80

1,3,5-Trimethylbenzene

Concen: 20.007 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067009.D

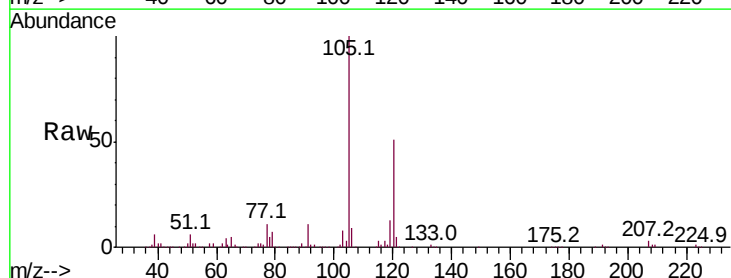
Acq: 02 Oct 2020 00:08

Tgt Ion: 105 Resp: 352642

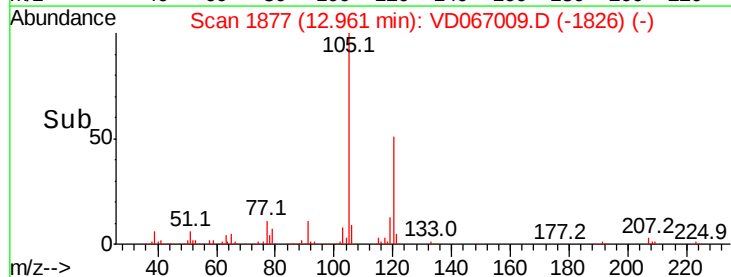
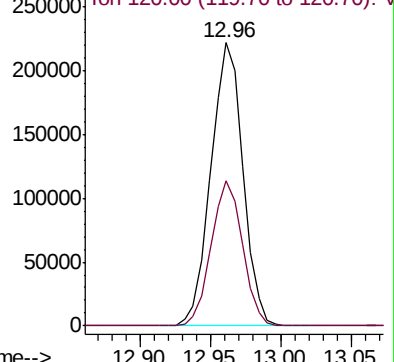
Ion Ratio Lower Upper

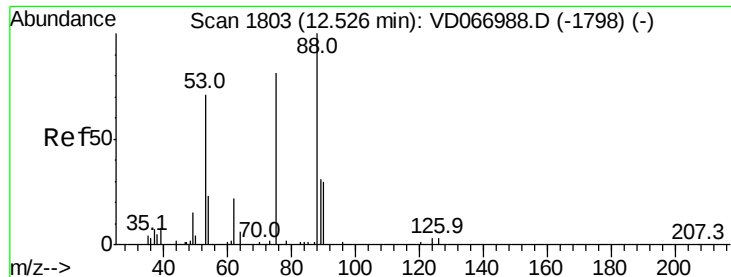
105 100

120 50.6 24.6 74.0



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





#81

trans-1,4-Dichloro-2-butene

Concen: 18.324 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

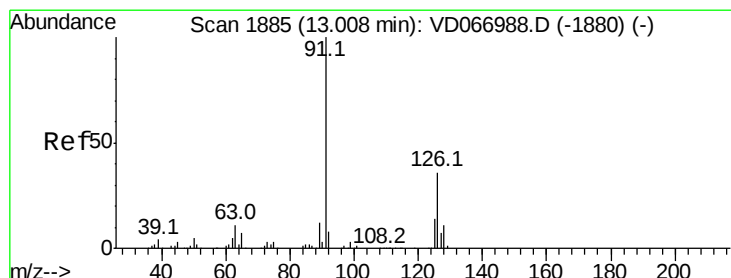
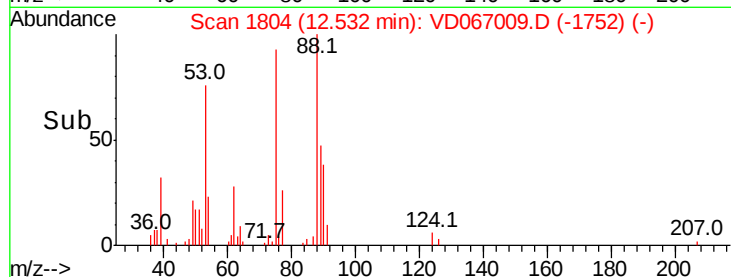
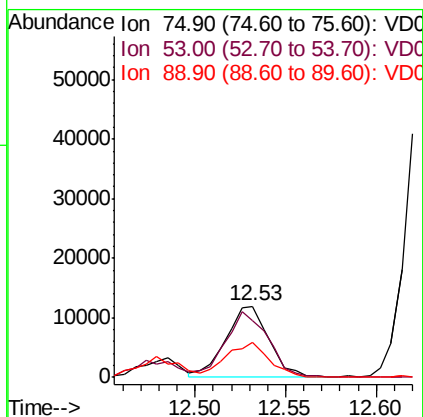
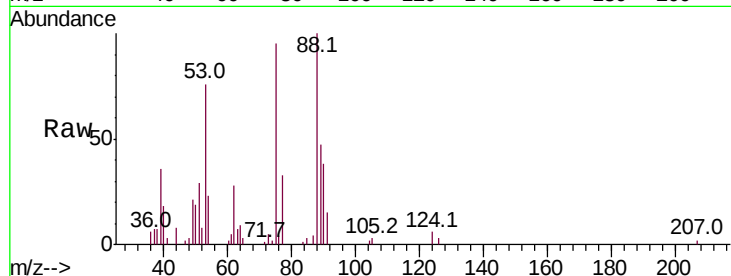
Tot Ion: 75 Resp: 19669

Ion Ratio Lower Upper

75 100

53 92.2 73.8 110.6

89 49.3 38.9 58.3



#82

4-Chlorotoluene

Concen: 19.860 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067009.D

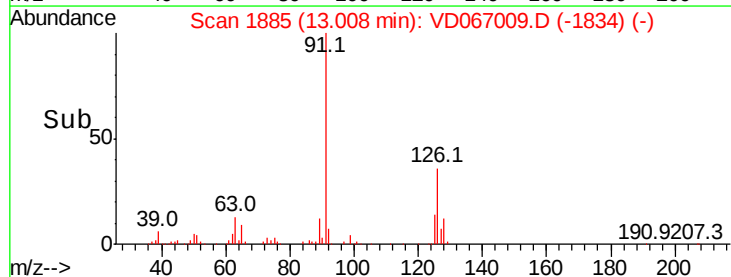
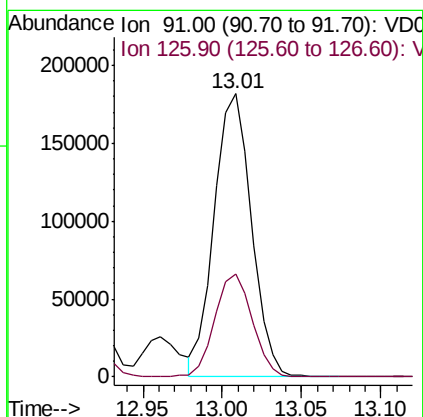
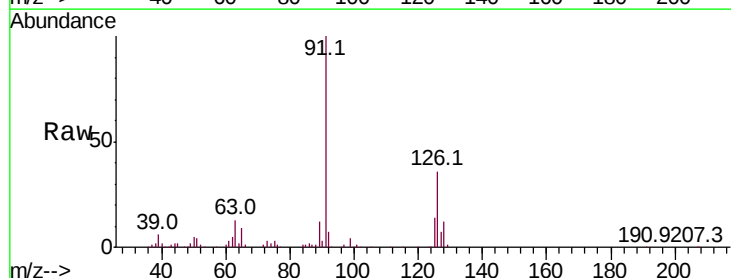
Acq: 02 Oct 2020 00:08

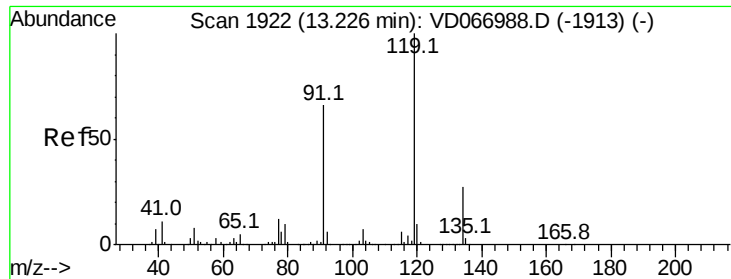
Tgt Ion: 91 Resp: 298073

Ion Ratio Lower Upper

91 100

126 36.3 17.5 52.5

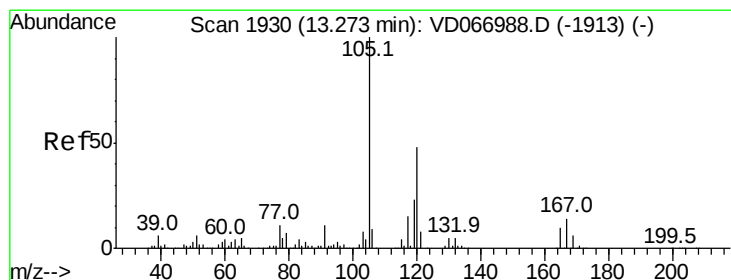
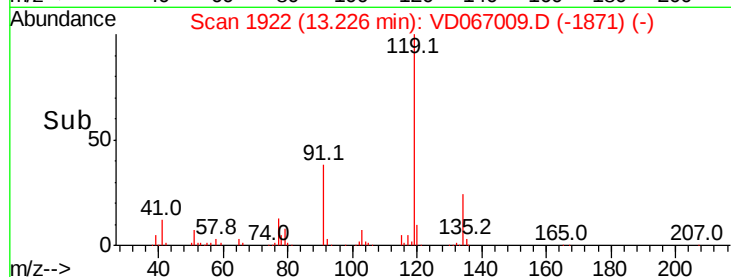
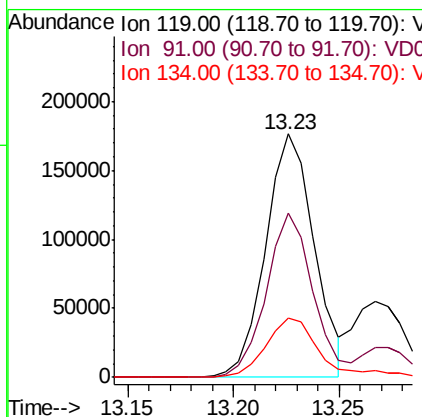
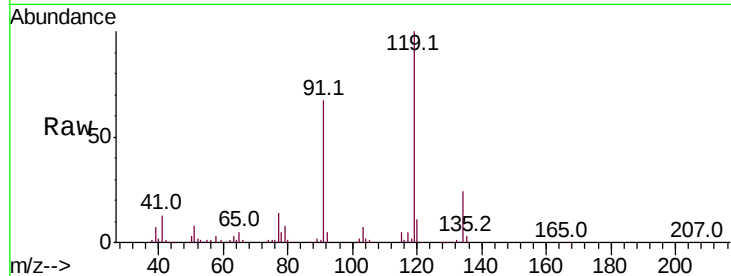




#83
tert-Butylbenzene
Concen: 19.063 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

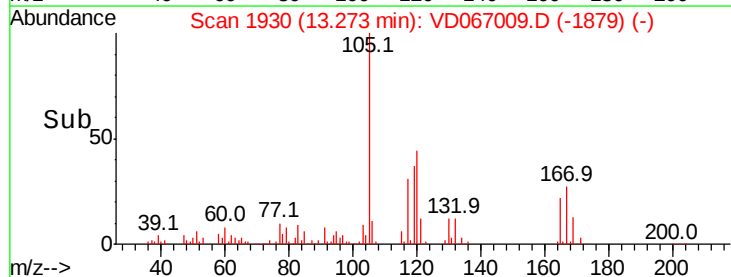
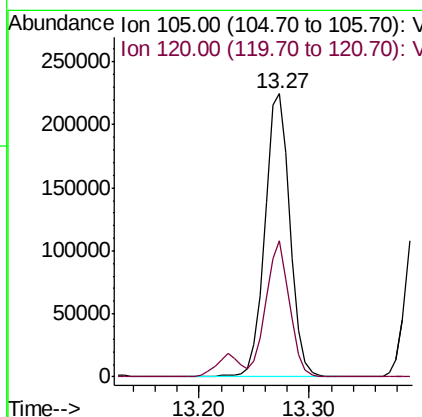
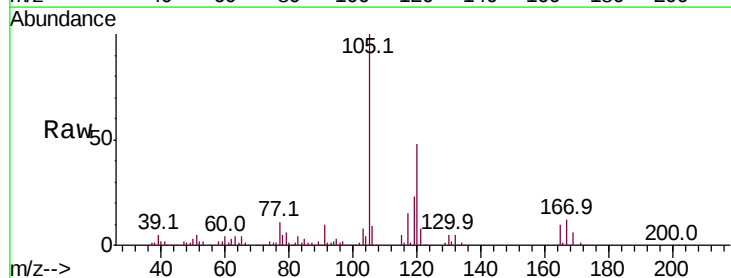
Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

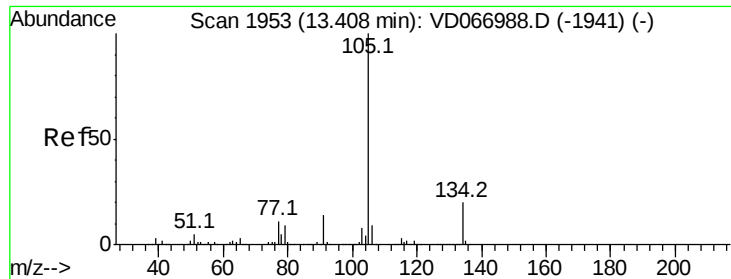
Tot Ion:119 Resp: 282946
Ion Ratio Lower Upper
119 100
91 65.2 32.8 98.3
134 27.2 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 20.283 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion:105 Resp: 356789
Ion Ratio Lower Upper
105 100
120 45.3 23.3 69.8





#85

sec-Butylbenzene

Concen: 19.389 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

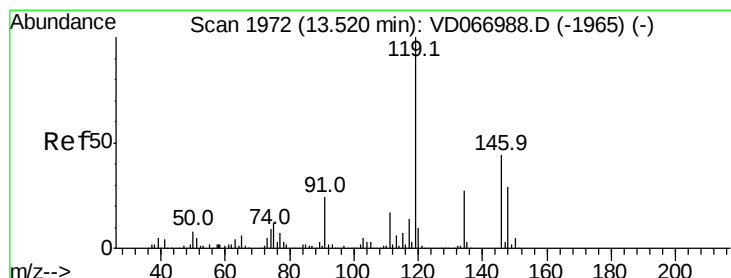
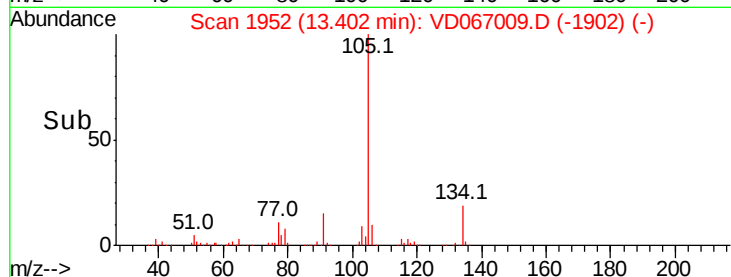
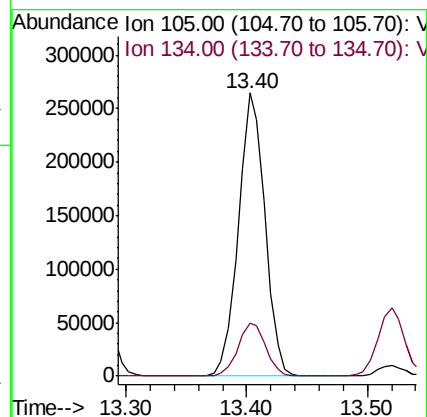
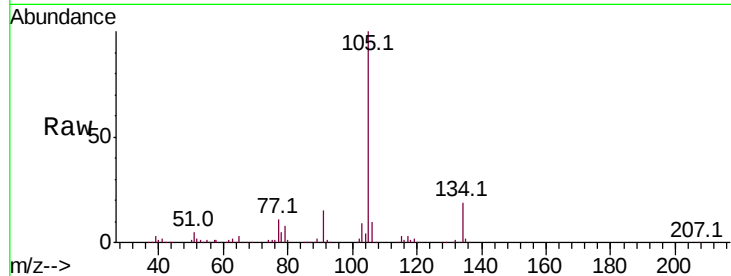
VD1001SBS02

Tot Ion:105 Resp: 405277

Ion Ratio Lower Upper

105 100

134 19.7 10.3 30.8



#86

p-Isopropyltoluene

Concen: 18.723 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

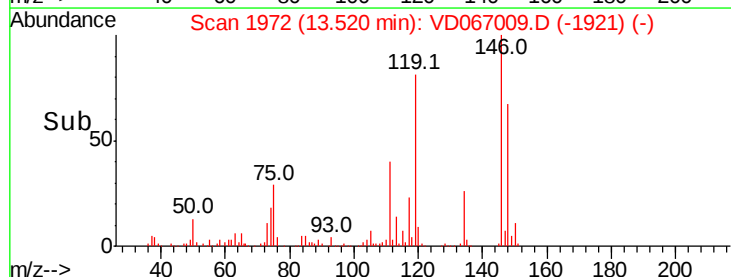
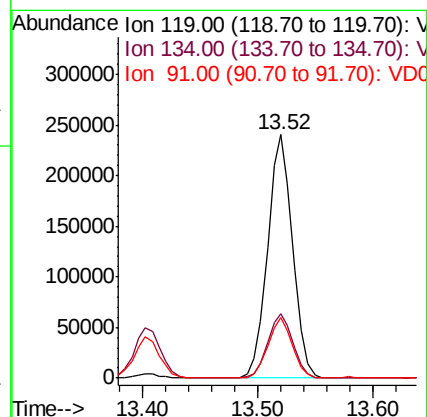
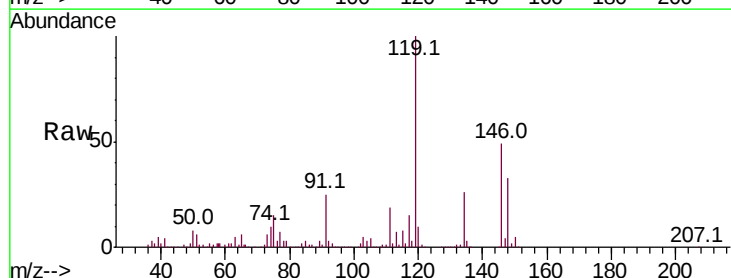
Tgt Ion:119 Resp: 362822

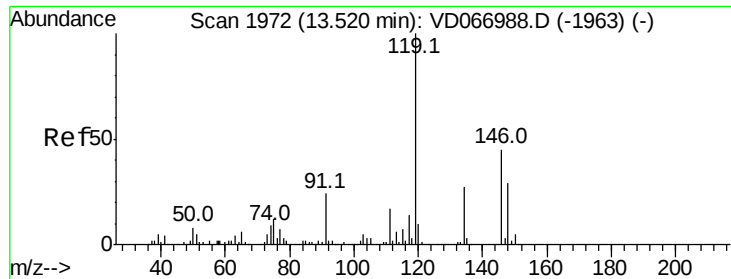
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.1

91 24.2 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 19.714 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

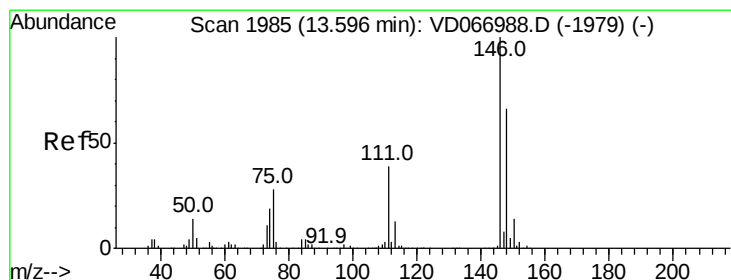
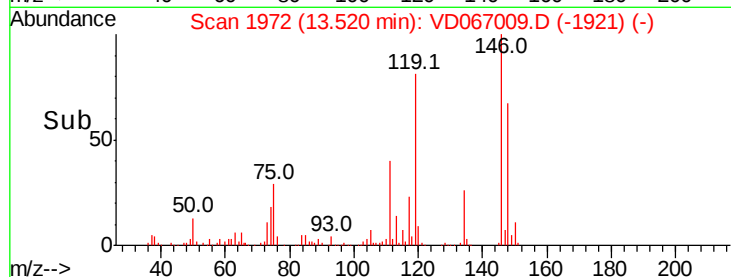
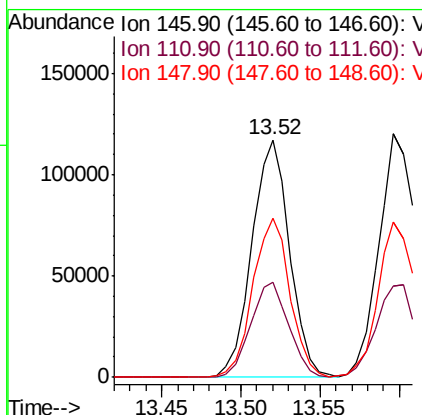
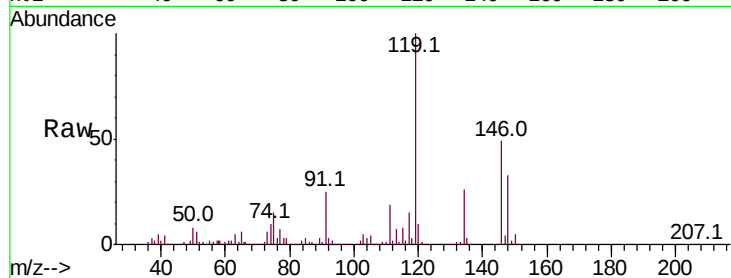
Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion:146 Resp: 193437

Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	60.0
148	66.1	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 19.663 ug/l

RT: 13.60 min Scan# 1985

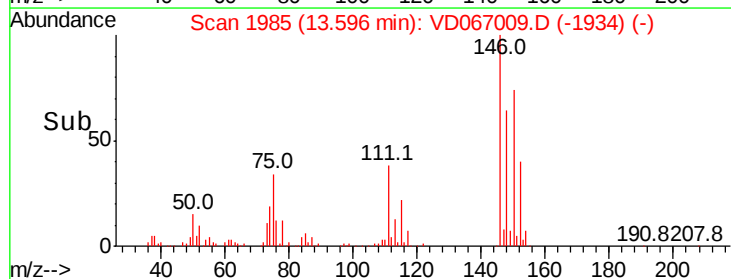
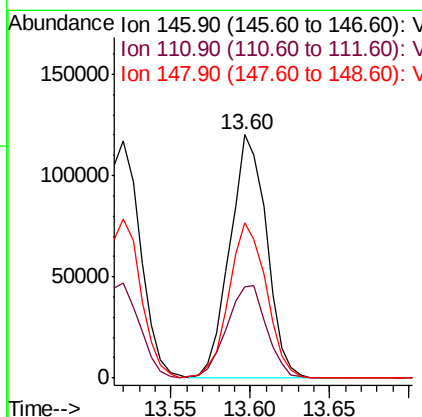
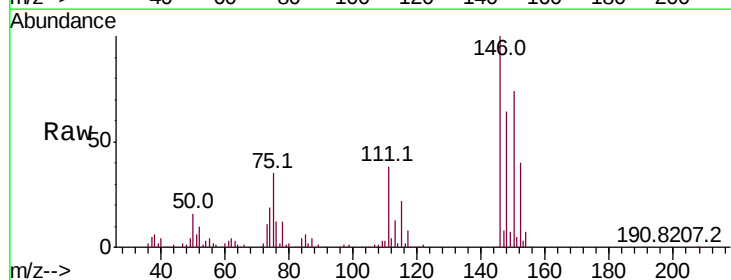
Delta R.T. 0.00 min

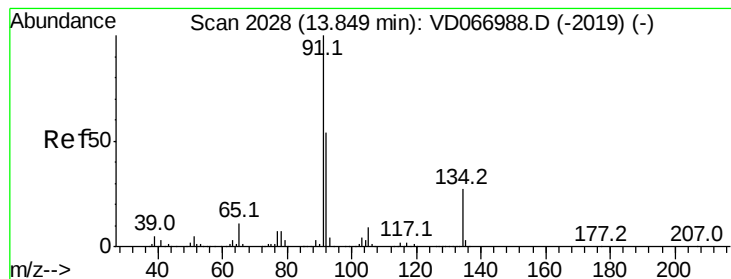
Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Tgt Ion:146 Resp: 192916

Ion	Ratio	Lower	Upper
146	100		
111	41.4	19.6	58.7
148	64.9	32.6	97.7





#89

n-Butylbenzene

Concen: 17.929 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

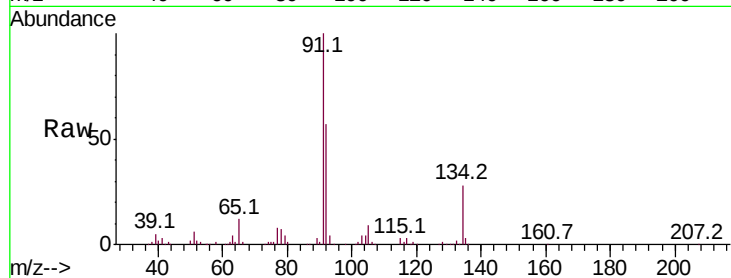
Tot Ion: 91 Resp: 317528

Ion Ratio Lower Upper

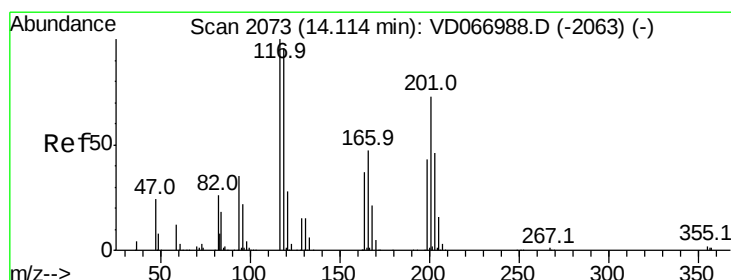
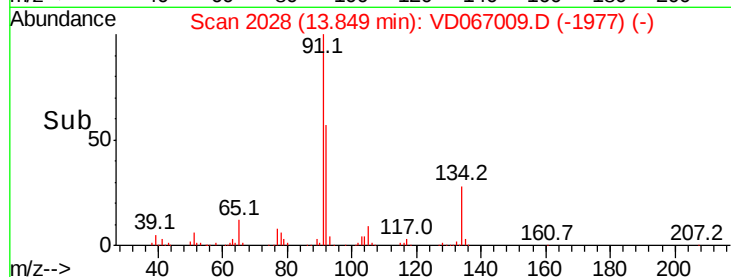
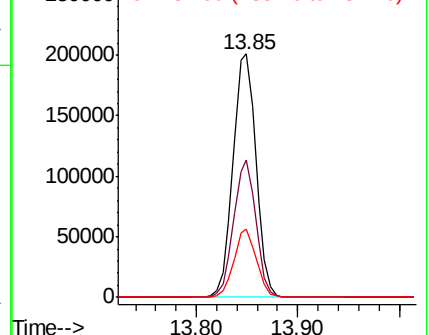
91 100

92 54.2 27.1 81.2

134 27.2 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.587 ug/l

RT: 14.11 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VD067009.D

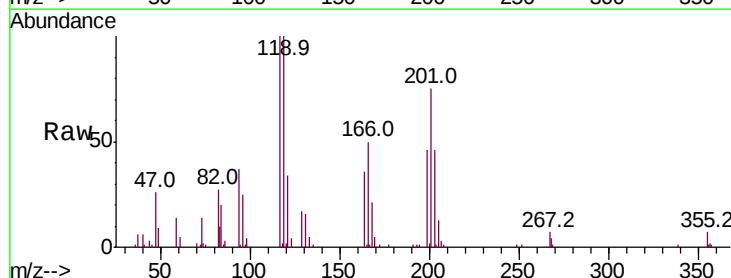
Acq: 02 Oct 2020 00:08

Tgt Ion: 117 Resp: 63093

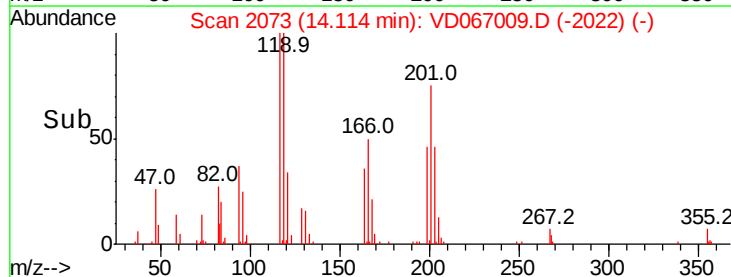
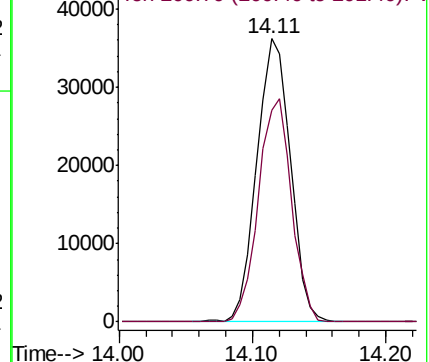
Ion Ratio Lower Upper

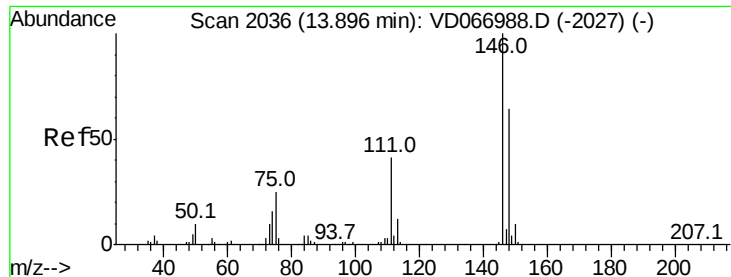
117 100

201 77.3 37.0 110.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.724 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

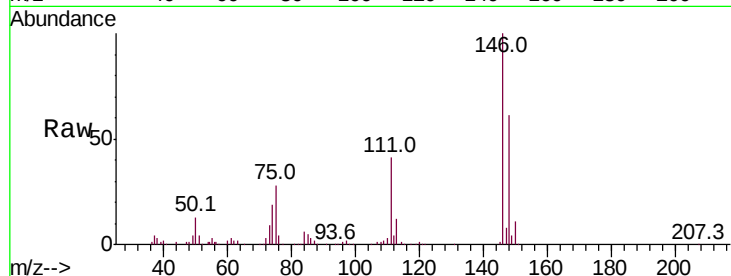
Tot Ion:146 Resp: 169016

Ion Ratio Lower Upper

146 100

111 42.8 20.9 62.7

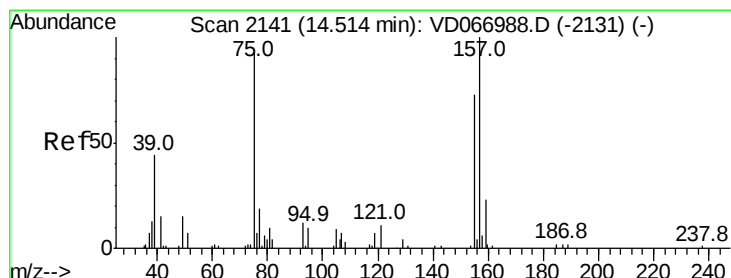
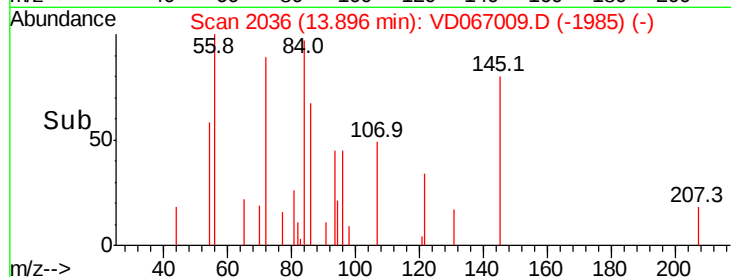
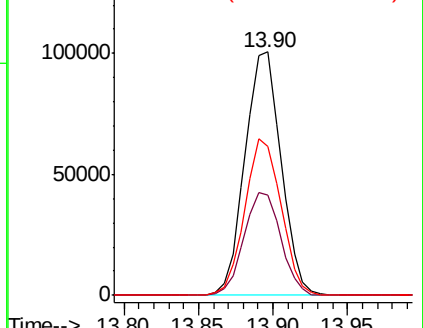
148 64.5 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.964 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD067009.D

Acq: 02 Oct 2020 00:08

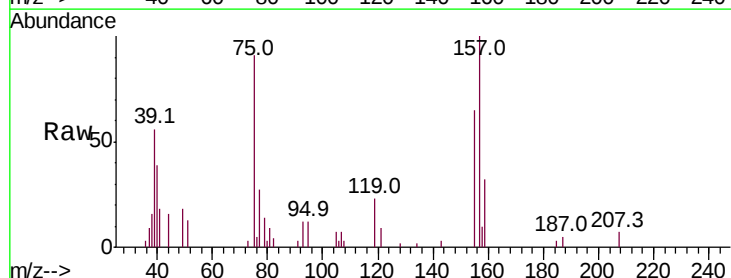
Tgt Ion: 75 Resp: 10745

Ion Ratio Lower Upper

75 100

155 93.0 45.2 135.6

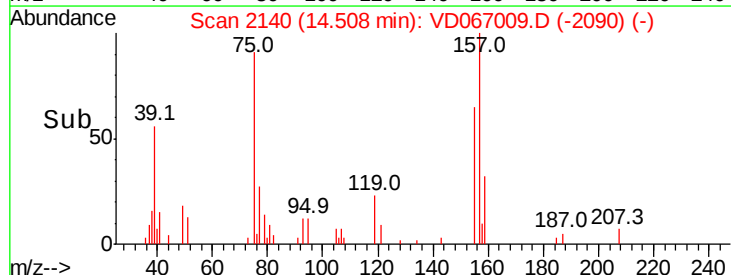
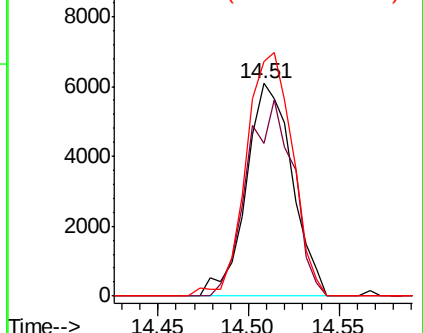
157 114.9 56.3 168.8

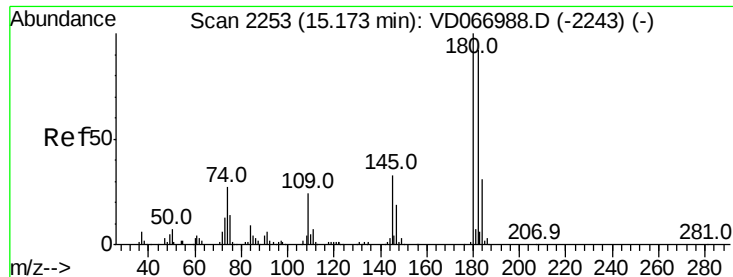


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

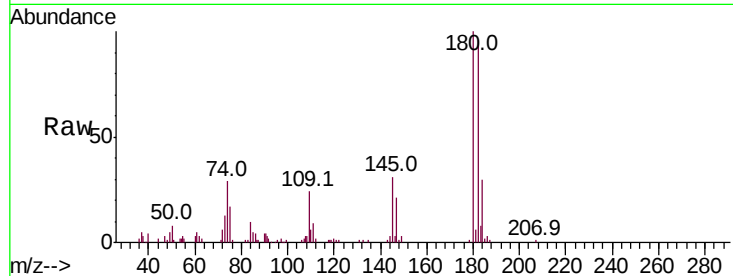




#93
 1,2,4-Trichlorobenzene
 Concen: 18.106 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	142.0
145	33.3	16.4	49.1

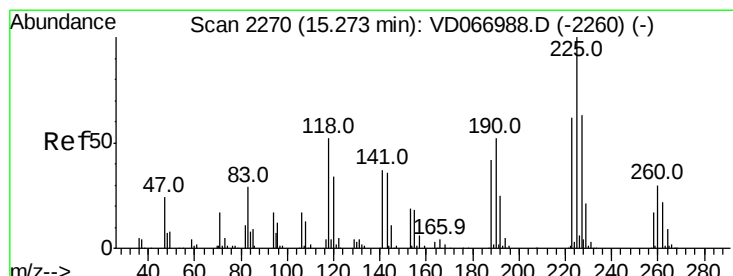
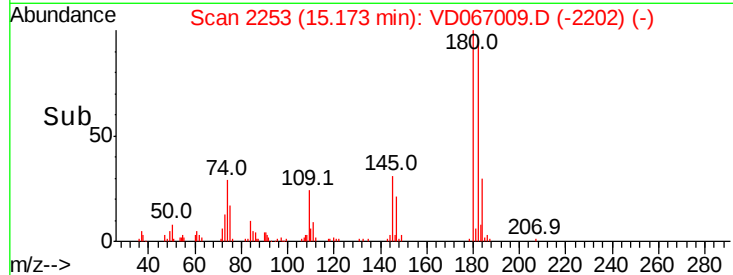
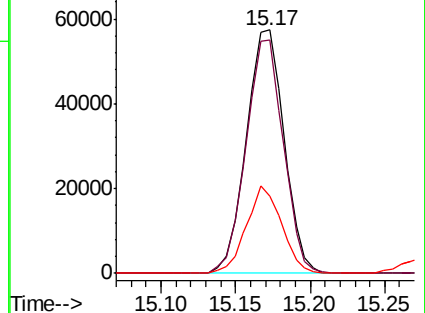


Abundance

Ion 179.80 (179.50 to 180.50): V

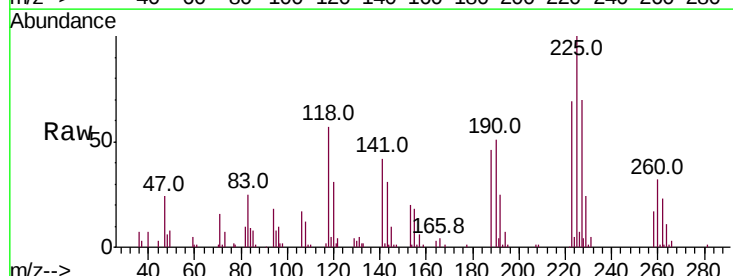
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 17.846 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067009.D
 Acq: 02 Oct 2020 00:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	32.4	97.0
227	62.3	31.6	95.0

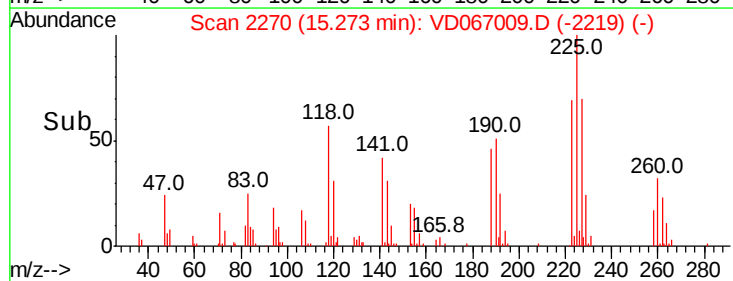
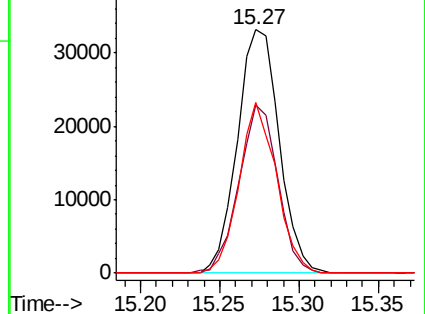


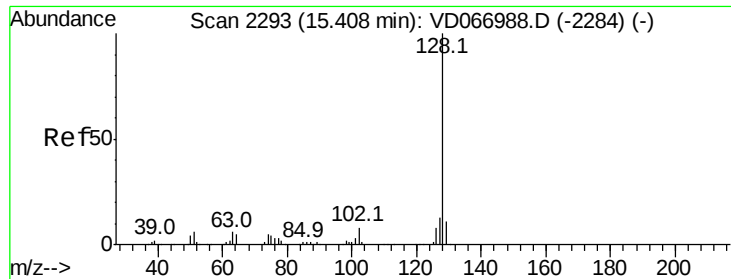
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

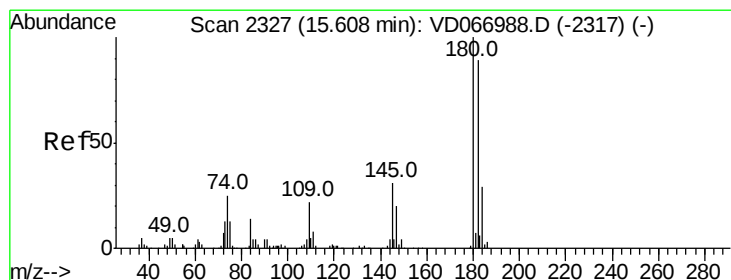
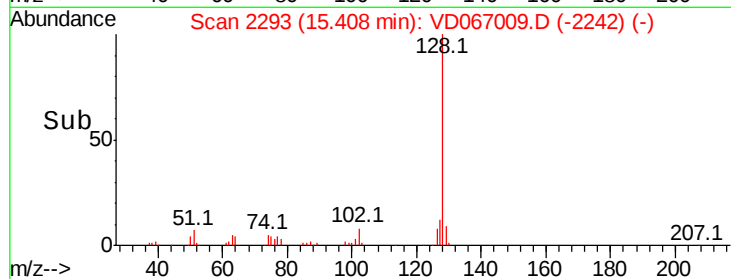
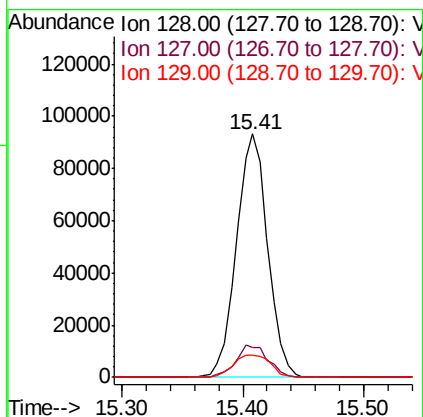
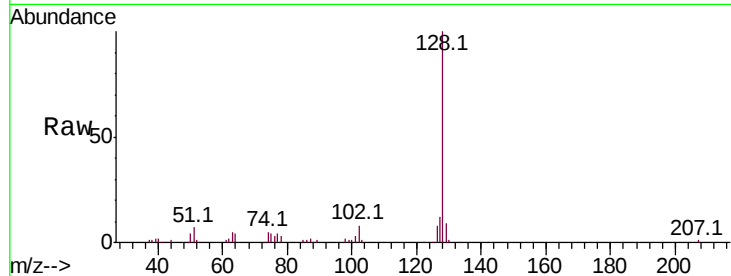




#95
Naphthalene
Concen: 18.113 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion:128 Resp: 167459
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.424 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD067009.D
Acq: 02 Oct 2020 00:08

Tgt Ion:180 Resp: 93461
Ion Ratio Lower Upper
180 100
182 95.0 46.4 139.1
145 32.6 16.6 49.7

