

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067029.D
 Acq On : 02 Oct 2020 12:21
 Operator : VA/SY
 Sample : VD1002SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS01

Quant Time: Oct 03 04:47:26 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	464538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	706882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	657874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	319580	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	209606	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	
35) Dibromofluoromethane	7.91	113	230380	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
50) Toluene-d8	10.34	98	857374	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.63	95	291466	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	97535	23.448	ug/l	94
3) Chloromethane	2.21	50	74152	20.044	ug/l	94
4) Vinyl Chloride	2.35	62	74570	20.103	ug/l	100
5) Bromomethane	2.76	94	55429	20.639	ug/l	98
6) Chloroethane	2.91	64	44810	19.836	ug/l	95
7) Trichlorofluoromethane	3.27	101	167793	20.360	ug/l	95
8) Diethyl Ether	3.71	74	40242	19.691	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	95334	20.466	ug/l	98
10) Methyl Iodide	4.30	142	80485	17.782	ug/l	99
11) Tert butyl alcohol	5.21	59	33814	99.746	ug/l #	82
12) 1,1-Dichloroethene	4.07	96	86534	19.761	ug/l	95
13) Acrolein	3.91	56	27208	90.813	ug/l	97
14) Allyl chloride	4.71	41	111480	19.596	ug/l	99
15) Acrylonitrile	5.41	53	74015	98.401	ug/l	96
16) Acetone	4.16	43	65749	96.262	ug/l	92
17) Carbon Disulfide	4.41	76	272853	20.303	ug/l	98
18) Methyl Acetate	4.71	43	34074	19.849	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	151606	18.965	ug/l	96
20) Methylene Chloride	4.96	84	112983	18.766	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	98619	19.789	ug/l	97
22) Diisopropyl ether	6.36	45	212576	20.468	ug/l #	97
23) Vinyl Acetate	6.30	43	572922	97.349	ug/l	99
24) 1,1-Dichloroethane	6.26	63	162047	20.218	ug/l	98
25) 2-Butanone	7.21	43	90425	93.379	ug/l	98
26) 2,2-Dichloropropane	7.21	77	150195	19.389	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	106139	19.942	ug/l	99
28) Bromochloromethane	7.54	49	56444	18.235	ug/l	99
29) Tetrahydrofuran	7.56	42	54425	97.746	ug/l	100
30) Chloroform	7.71	83	177751	20.443	ug/l	99
31) Cyclohexane	7.98	56	133860	19.921	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	164064	20.360	ug/l	99
36) 1,1-Dichloropropene	8.11	75	138308	20.991	ug/l	99
37) Ethyl Acetate	7.29	43	43701	19.145	ug/l	96
38) Carbon Tetrachloride	8.09	117	151186	21.207	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	143272	20.567	ug/l	93
40) Benzene	8.34	78	377652	20.635	ug/l	98
41) Methacrylonitrile	7.51	41	18388	14.911	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	102919	20.125	ug/l	100
43) Isopropyl Acetate	8.45	43	81860	19.467	ug/l	97
44) Trichloroethene	9.11	130	114485	20.949	ug/l	99
45) 1,2-Dichloropropane	9.38	63	90360	21.014	ug/l	93
46) Dibromomethane	9.47	93	51109	20.680	ug/l	98
47) Bromodichloromethane	9.66	83	133742	20.818	ug/l	98
48) Methyl methacrylate	9.45	41	43842	20.351	ug/l	92
49) 1,4-Dioxane	9.46	88	9562	370.704	ug/l #	90
51) 4-Methyl-2-Pentanone	10.23	43	209090	99.828	ug/l	98
52) Toluene	10.40	92	251656	21.347	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	117683	20.496	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	142517	20.327	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	69874	20.335	ug/l	92
56) Ethyl methacrylate	10.66	69	73881	20.826	ug/l	98
57) 1,3-Dichloropropane	10.94	76	116472	20.903	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	199759	101.169	ug/l	100
59) 2-Hexanone	10.98	43	139851	100.039	ug/l	98
60) Dibromochloromethane	11.14	129	95437	20.839	ug/l	98
61) 1,2-Dibromoethane	11.24	107	67107	20.329	ug/l	96
64) Tetrachloroethene	10.87	164	97856	20.460	ug/l	97
65) Chlorobenzene	11.67	112	270772	20.695	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	103059	20.707	ug/l	99
67) Ethyl Benzene	11.74	91	466653	20.815	ug/l	99
68) m/p-Xylenes	11.86	106	366382	41.935	ug/l	98
69) o-Xylene	12.18	106	161723	20.699	ug/l	96
70) Styrene	12.20	104	282236	21.037	ug/l	99
71) Bromoform	12.36	173	52802	20.438	ug/l #	100
73) Isopropylbenzene	12.48	105	459744	21.186	ug/l	99
74) N-amyl acetate	12.29	43	75613	19.383	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	73536	20.113	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	94471	33.938	ug/l #	100
77) Bromobenzene	12.76	156	107028	20.426	ug/l	99
78) n-propylbenzene	12.82	91	536221	20.909	ug/l	100
79) 2-Chlorotoluene	12.91	91	300918	20.508	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	386220	21.066	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	21692	19.428	ug/l	98
82) 4-Chlorotoluene	13.01	91	322335	20.648	ug/l	100
83) tert-Butylbenzene	13.23	119	325035	21.053	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	382896	20.927	ug/l	99
85) sec-Butylbenzene	13.41	105	453773	20.871	ug/l	99
86) p-Isopropyltoluene	13.52	119	420070	20.840	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	212555	20.826	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	209369	20.516	ug/l	99
89) n-Butylbenzene	13.85	91	379975	20.626	ug/l	98
90) Hexachloroethane	14.11	117	72037	20.402	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	182857	20.515	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10655	18.079	ug/l	94

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

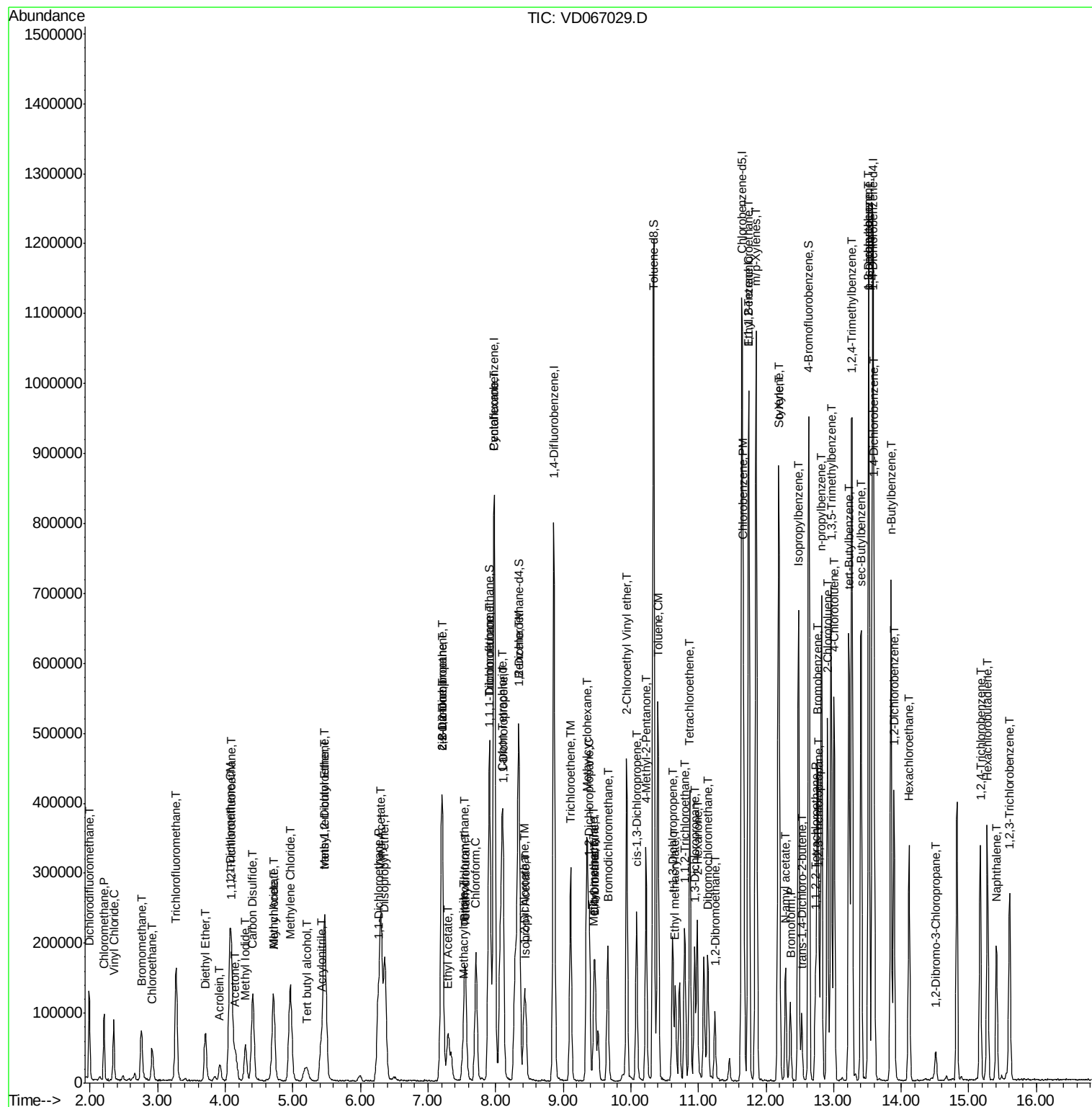
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	114258	19.818	ug/l	100
94) Hexachlorobutadiene	15.27	225	71123	20.087	ug/l	98
95) Naphthalene	15.41	128	178071	18.517	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	97966	19.574	ug/l	96

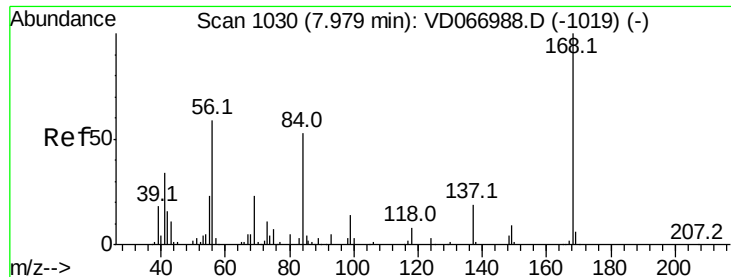
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

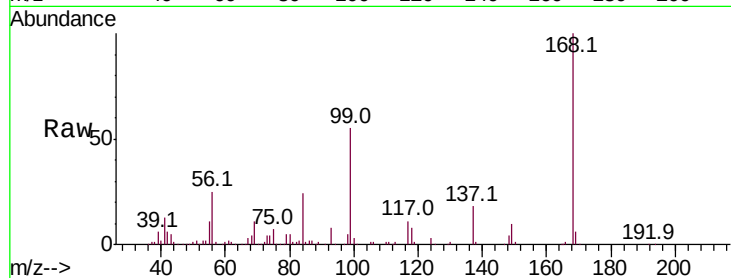
VD1002SBS01

Tot Ion:168 Resp: 464538

Ion Ratio Lower Upper

168 100

99 54.4 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

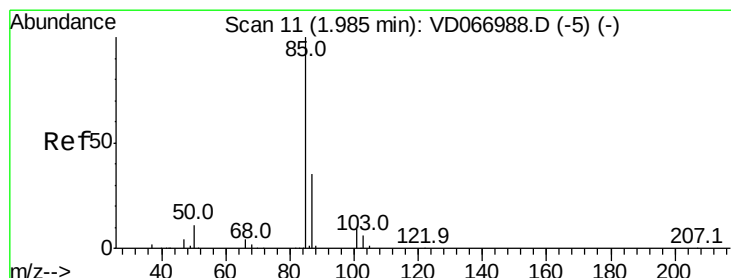
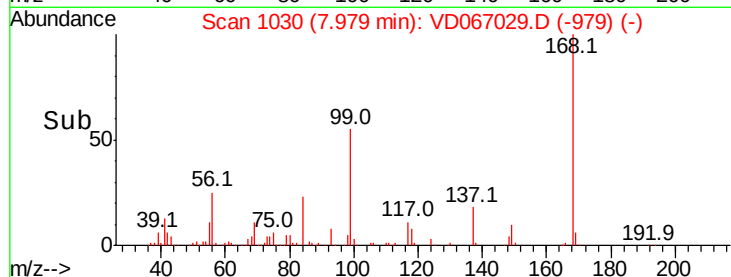
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.448 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067029.D

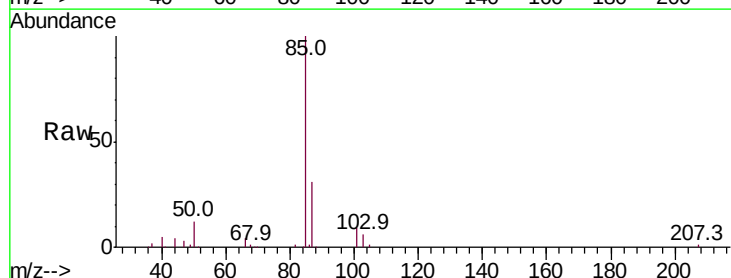
Acq: 02 Oct 2020 12:21

Tgt Ion: 85 Resp: 97535

Ion Ratio Lower Upper

85 100

87 31.5 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

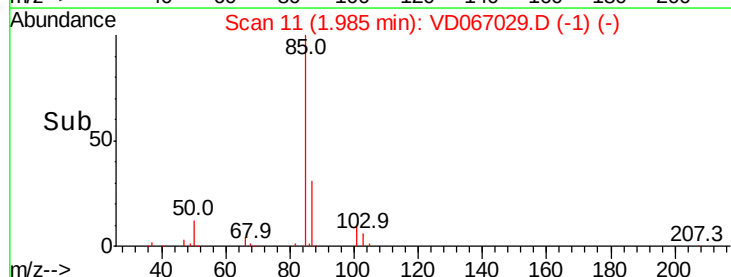
40000

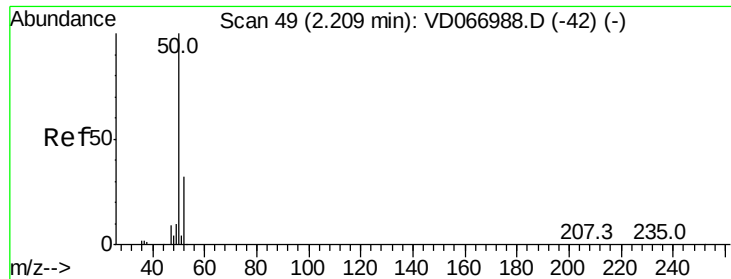
20000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 20.044 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

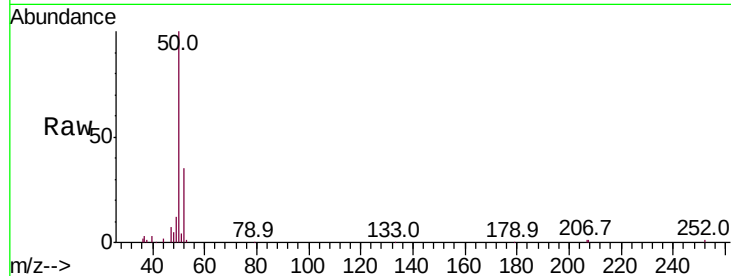
VD1002SBS01

Tot Ion: 50 Resp: 74152

Ion Ratio Lower Upper

50 100

52 35.1 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

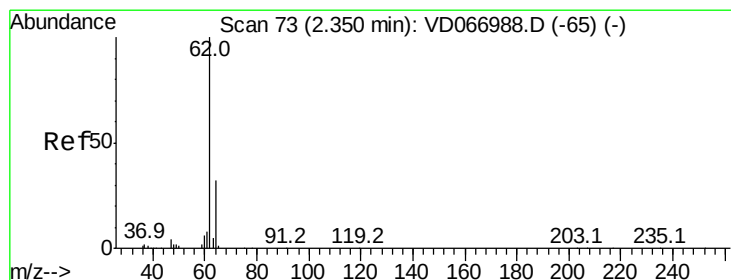
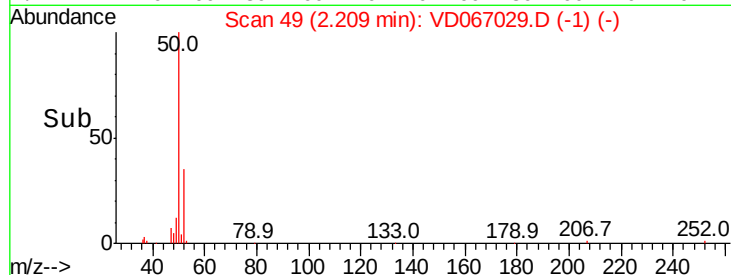
20000

10000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 20.103 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067029.D

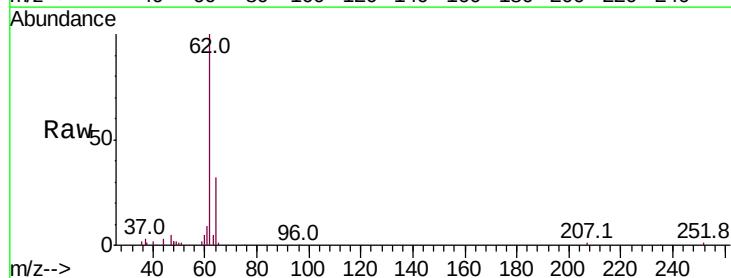
Acq: 02 Oct 2020 12:21

Tgt Ion: 62 Resp: 74570

Ion Ratio Lower Upper

62 100

64 32.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

60000

50000

40000

30000

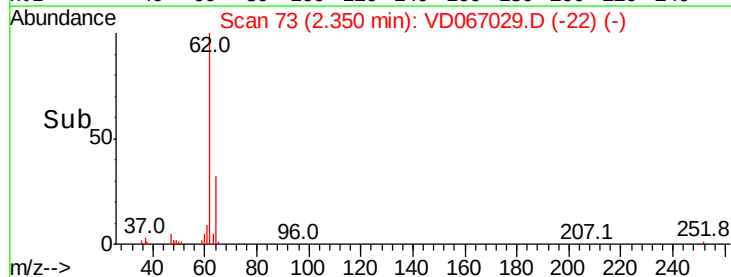
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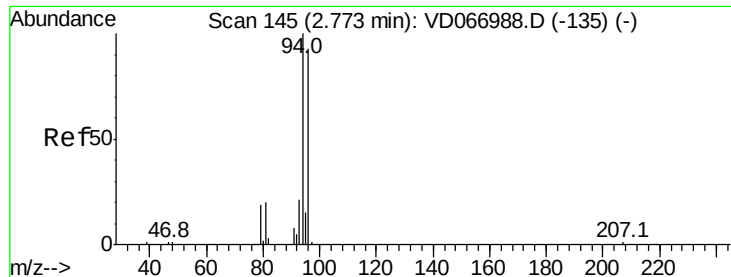
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0

Time-->

2.25 2.30 2.35 2.40 2.45





#5

Bromomethane

Concen: 20.639 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

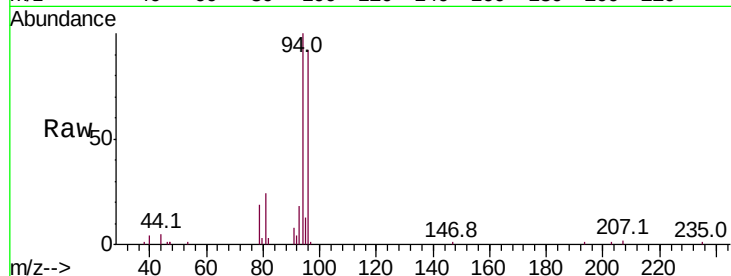
VD1002SBS01

Tot Ion: 94 Resp: 55429

Ion Ratio Lower Upper

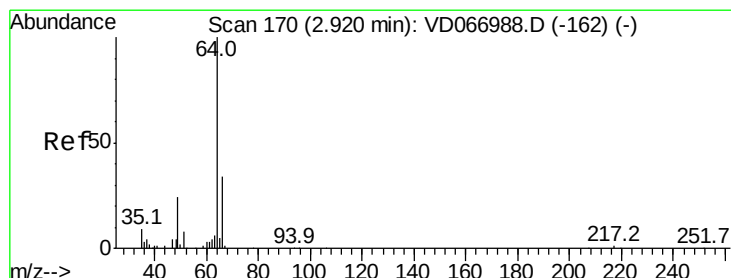
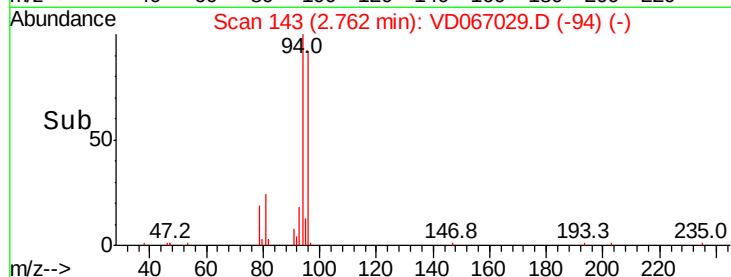
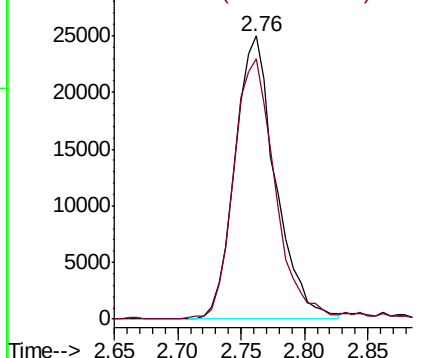
94 100

96 91.3 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.836 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD067029.D

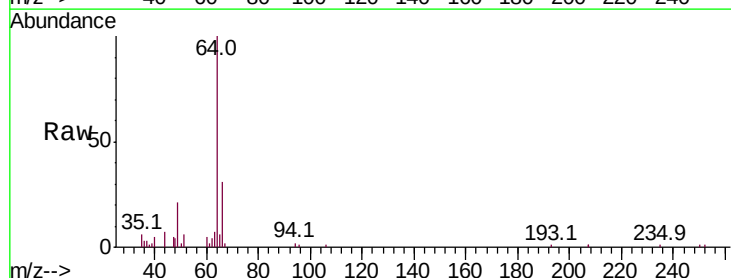
Acq: 02 Oct 2020 12:21

Tgt Ion: 64 Resp: 44810

Ion Ratio Lower Upper

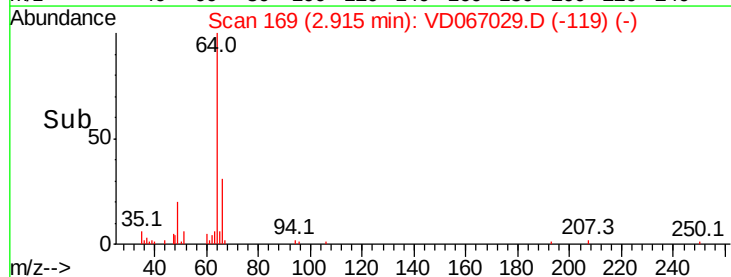
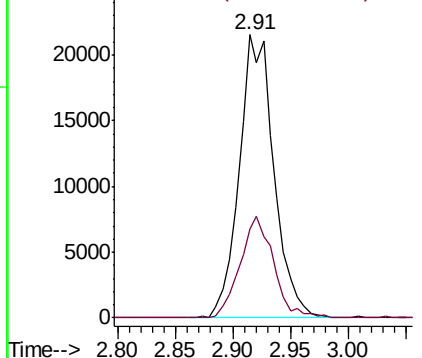
64 100

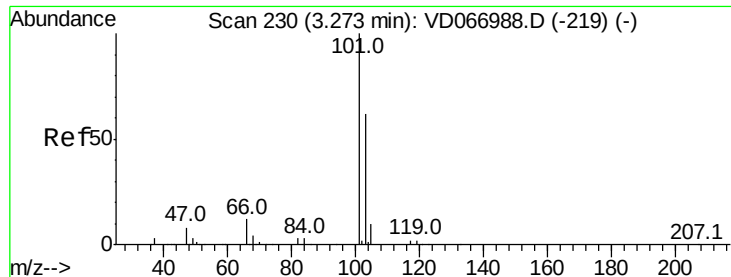
66 31.2 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



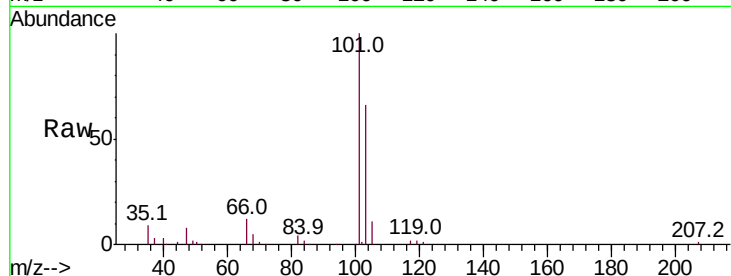


#7

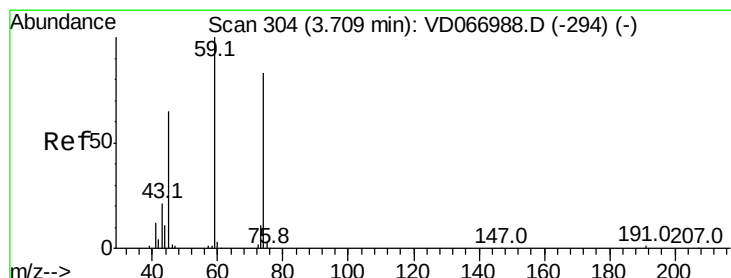
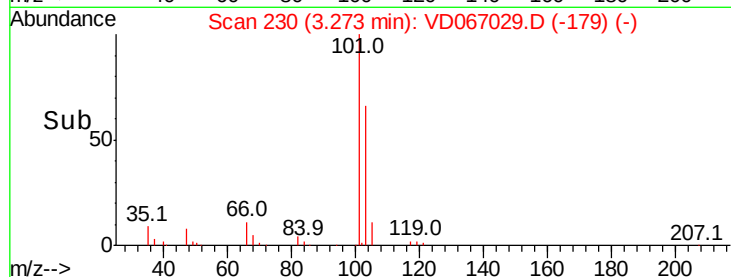
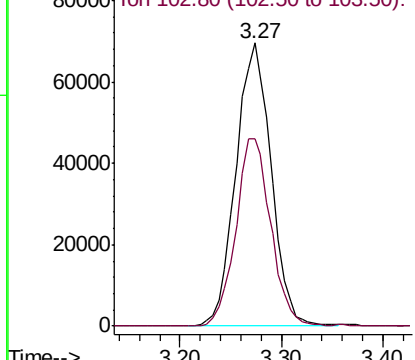
Trichlorofluoromethane
 Concen: 20.360 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067029.D
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Instrument :
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Tot Ion:101 Resp: 167793
 Ion Ratio Lower Upper
 101 100
 103 66.3 49.8 74.8



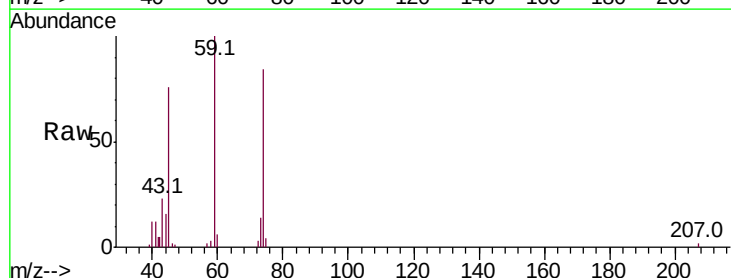
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



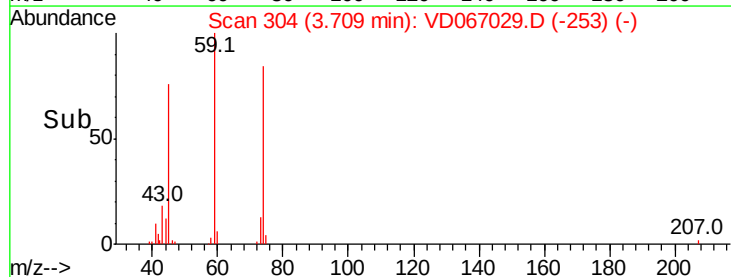
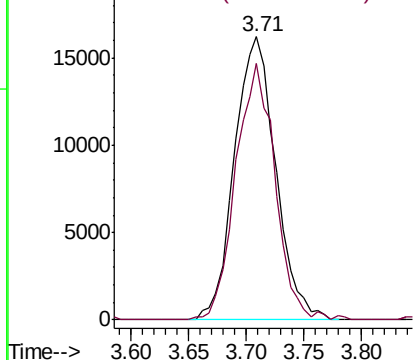
#8

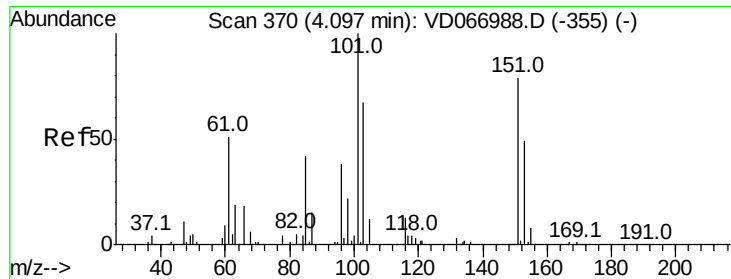
Diethyl Ether
 Concen: 19.691 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067029.D
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Tgt Ion: 74 Resp: 40242
 Ion Ratio Lower Upper
 74 100
 45 85.8 43.1 129.3



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: 20.466 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

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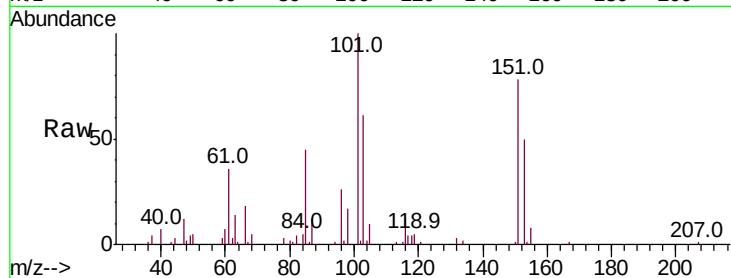
Tot Ion:101 Resp: 95334

Ion Ratio Lower Upper

101 100

85 44.2 33.8 50.8

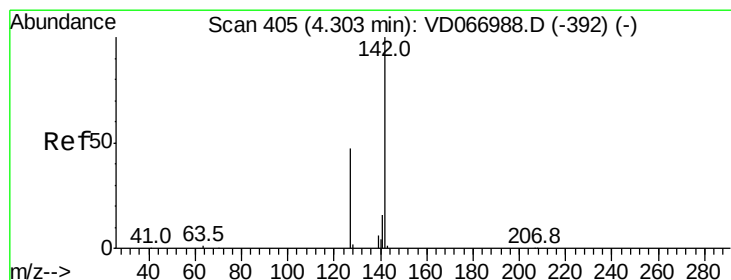
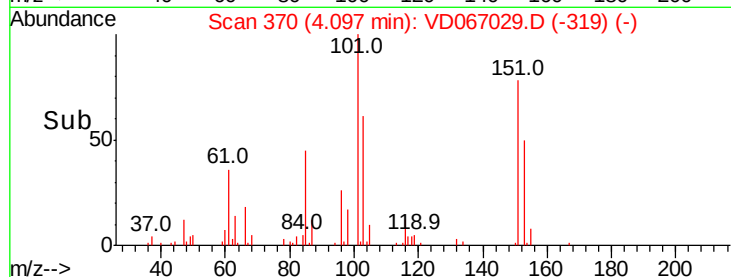
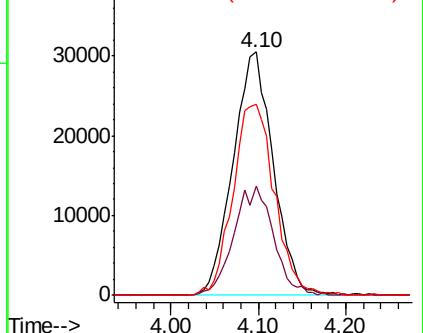
151 81.1 63.8 95.8



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: 17.782 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

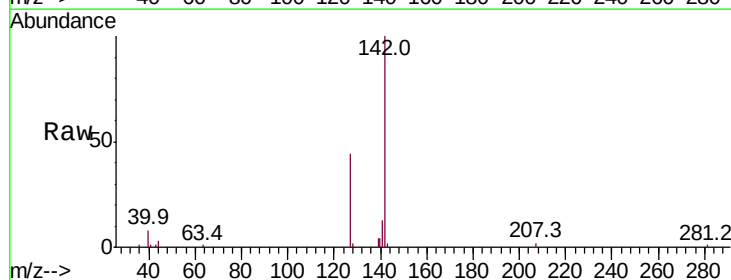
Tgt Ion:142 Resp: 80485

Ion Ratio Lower Upper

142 100

127 46.1 36.3 54.5

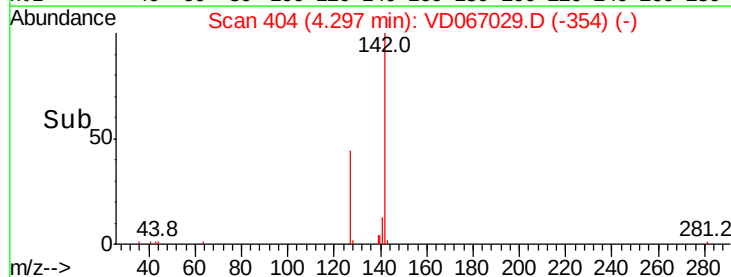
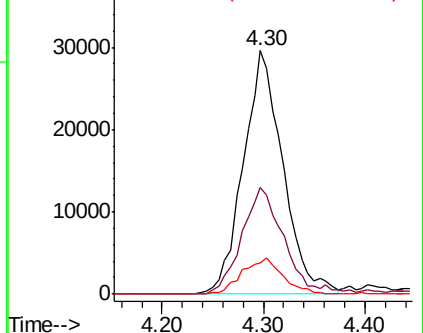
141 15.2 12.0 18.0

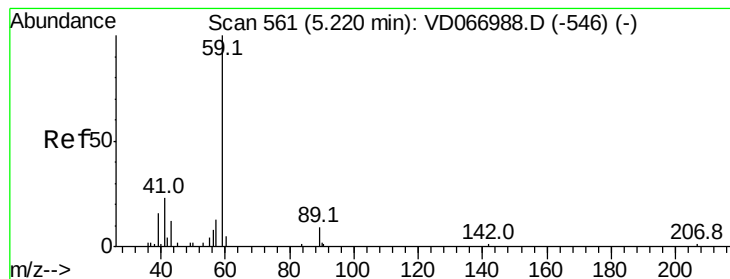


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



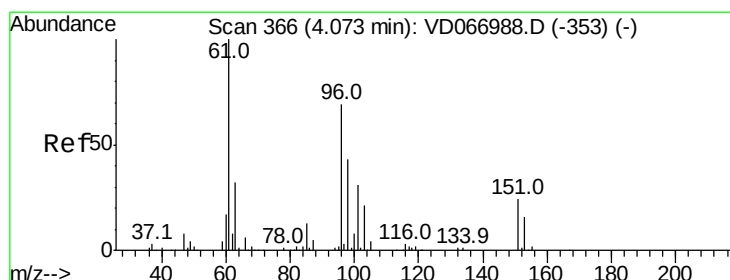
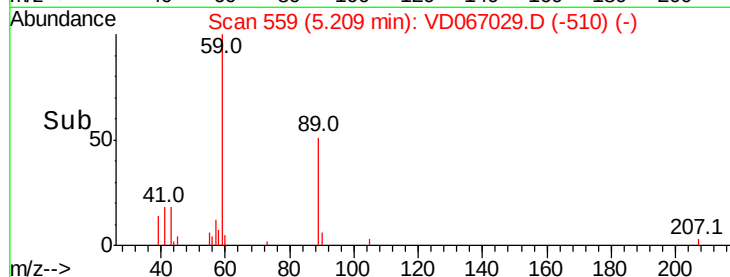
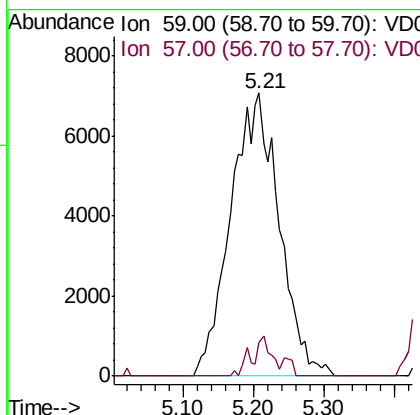
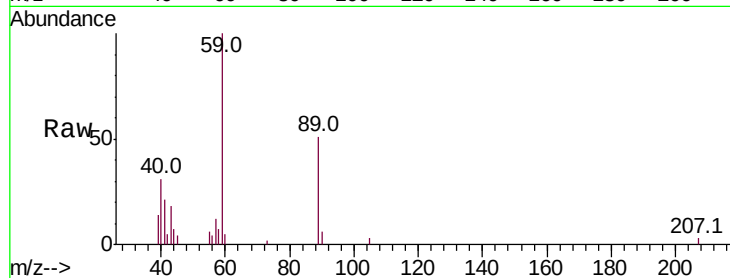


#11

Tert butyl alcohol
 Concen: 99.746 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS01

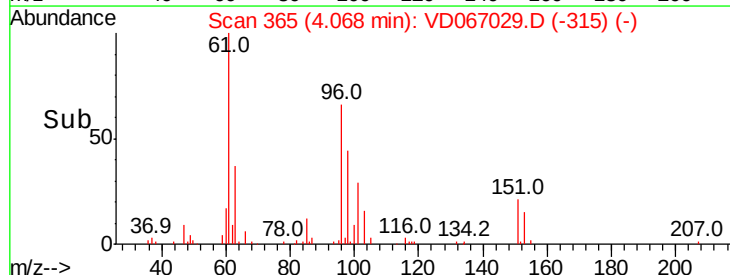
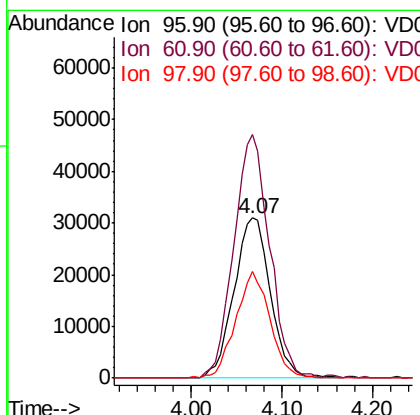
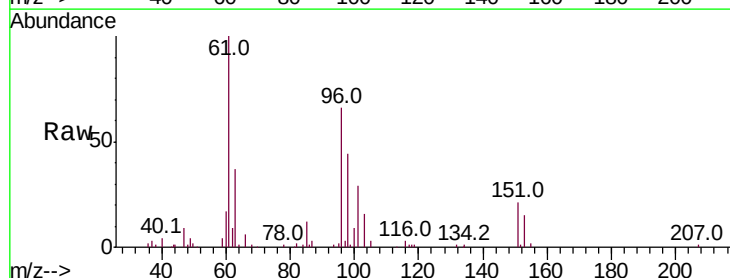
Tot Ion: 59 Resp: 33814
 Ion Ratio Lower Upper
 59 100
 57 3.8 8.2 12.4#

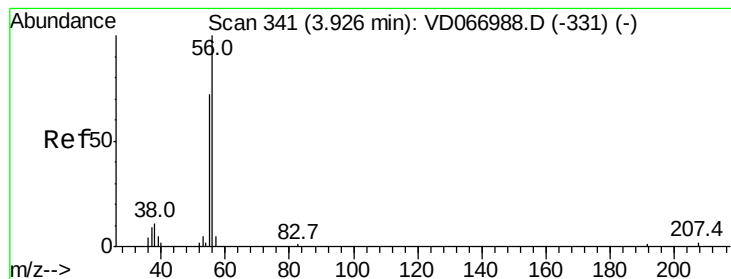


#12

1,1-Dichloroethene
 Concen: 19.761 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

Tgt Ion: 96 Resp: 86534
 Ion Ratio Lower Upper
 96 100
 61 151.8 116.4 174.6
 98 66.6 49.9 74.9





#13

Acrolein

Concen: 90.813 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

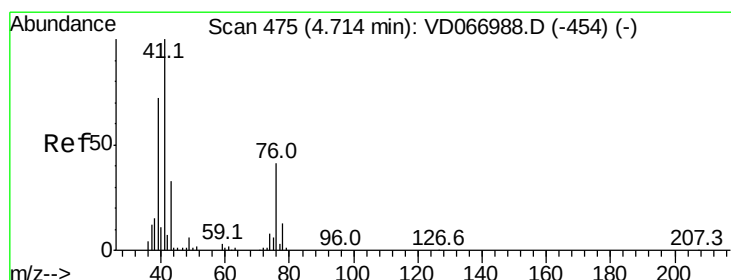
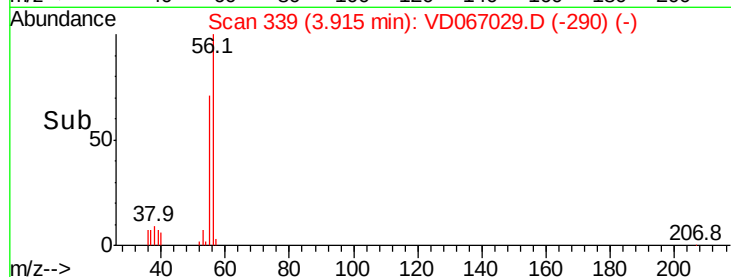
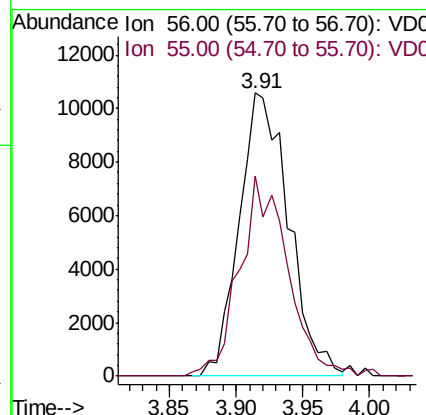
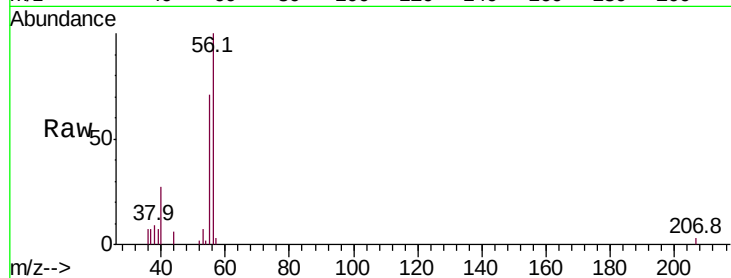
VD1002SBS01

Tot Ion: 56 Resp: 27208

Ion Ratio Lower Upper

56 100

55 68.8 56.9 85.3



#14

Allyl chloride

Concen: 19.596 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

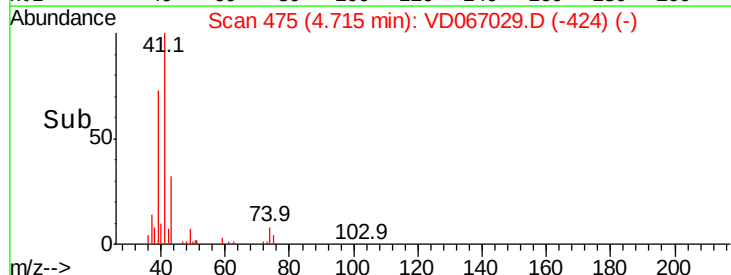
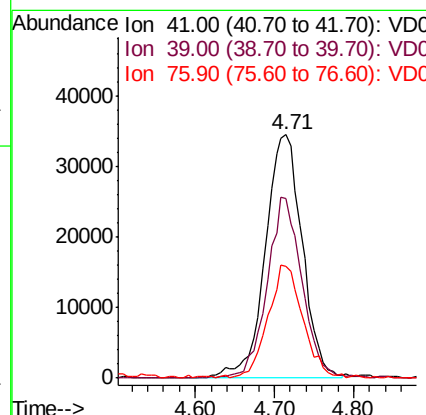
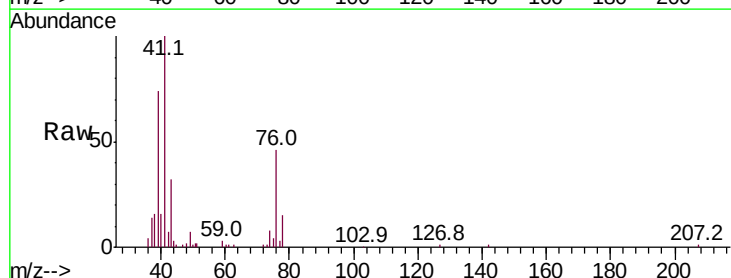
Tgt Ion: 41 Resp: 111480

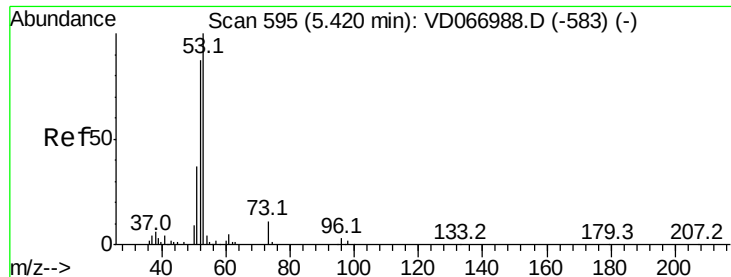
Ion Ratio Lower Upper

41 100

39 69.8 56.2 84.2

76 43.7 34.2 51.2





#15

Acrylonitrile

Concen: 98.401 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS01

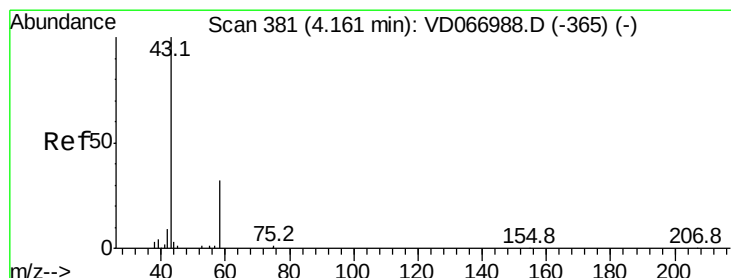
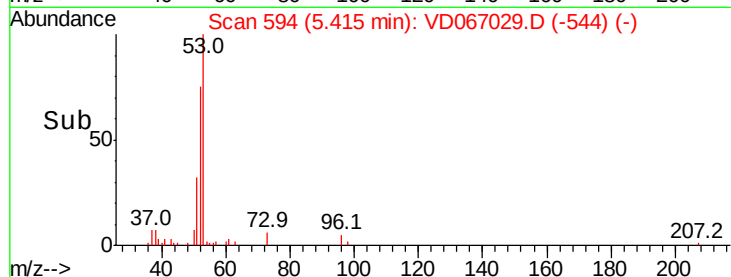
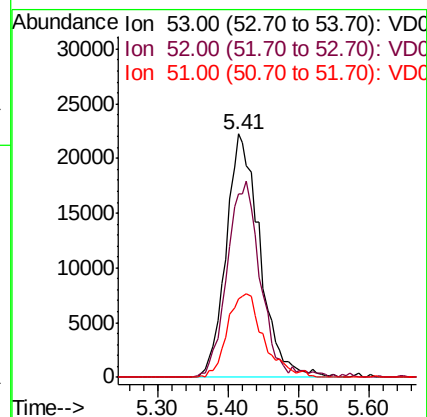
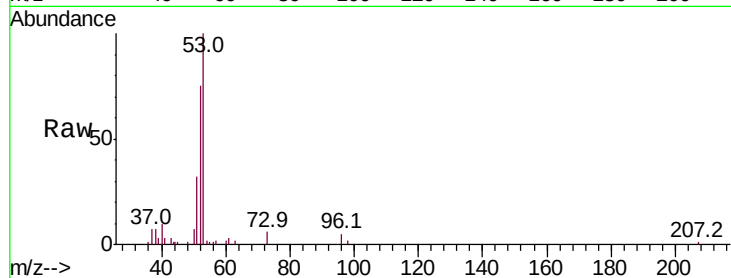
Tot Ion: 53 Resp: 74015

Ion Ratio Lower Upper

53 100

52 79.5 67.3 100.9

51 36.7 30.2 45.2



#16

Acetone

Concen: 96.262 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067029.D

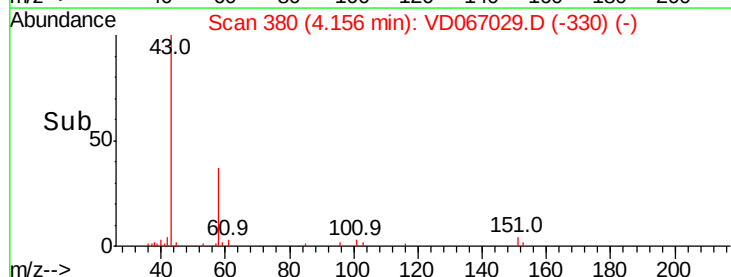
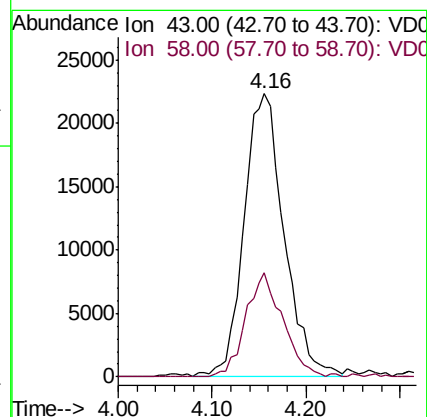
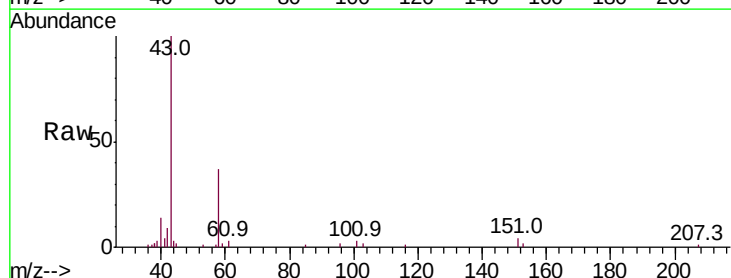
Acq: 02 Oct 2020 12:21

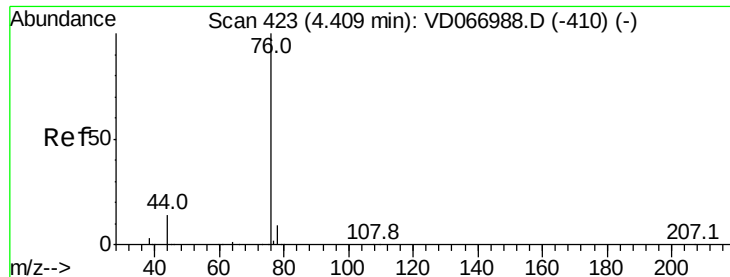
Tgt Ion: 43 Resp: 65749

Ion Ratio Lower Upper

43 100

58 36.7 25.9 38.9

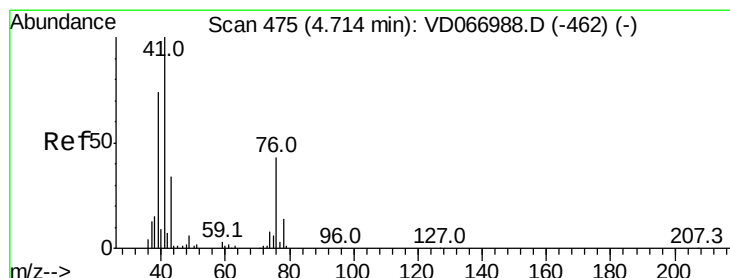
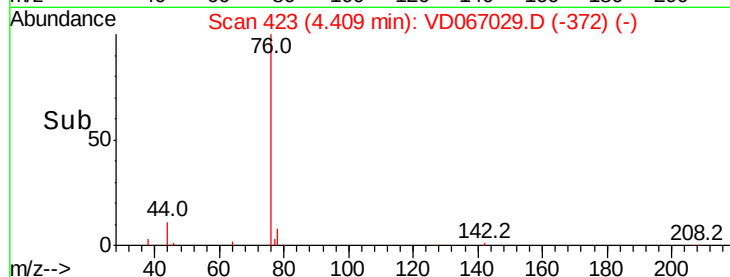
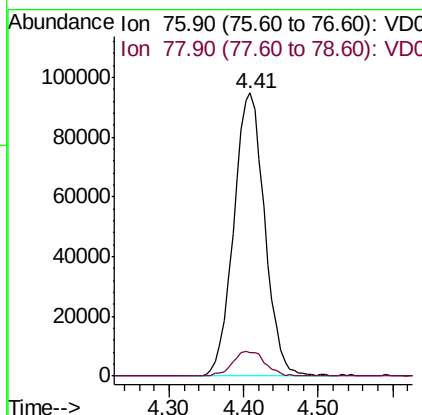
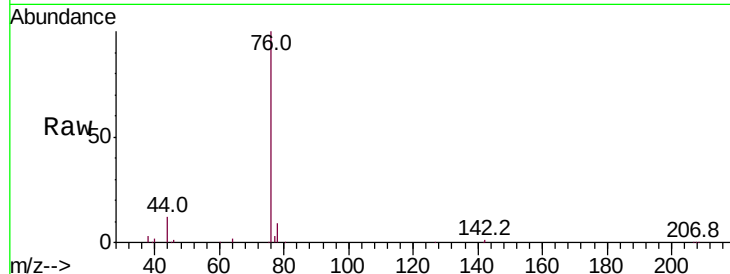




#17
Carbon Disulfide
Concen: 20.303 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

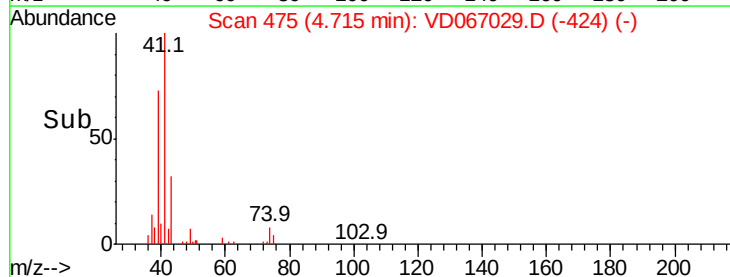
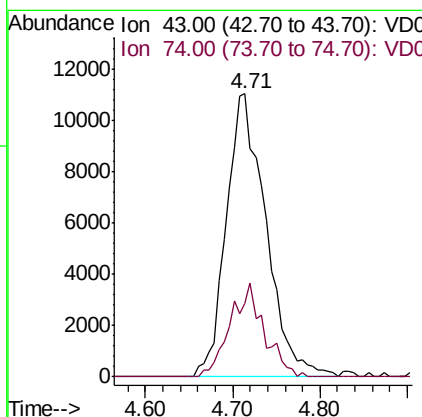
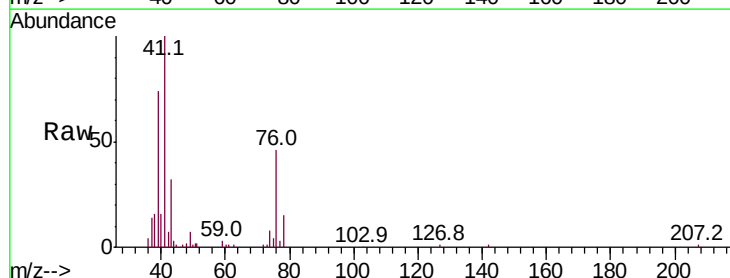
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS01

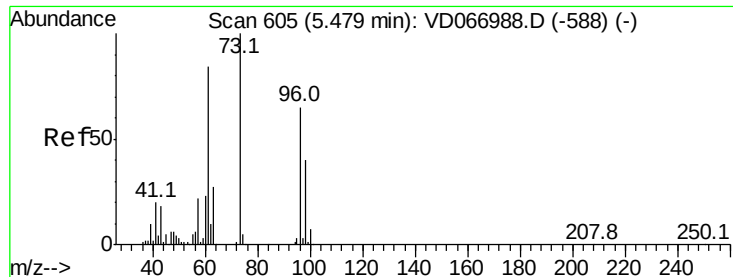
Tot Ion: 76 Resp: 272853
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3



#18
Methyl Acetate
Concen: 19.849 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

Tgt Ion: 43 Resp: 34074
Ion Ratio Lower Upper
43 100
74 28.2 21.5 32.3



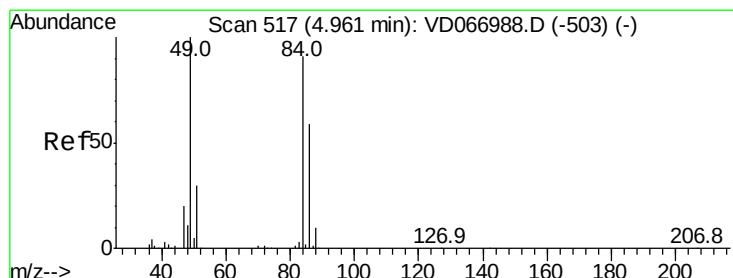
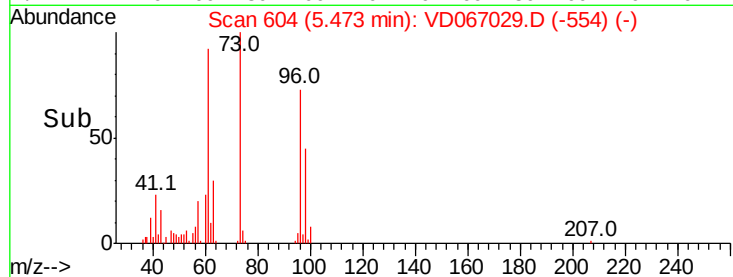
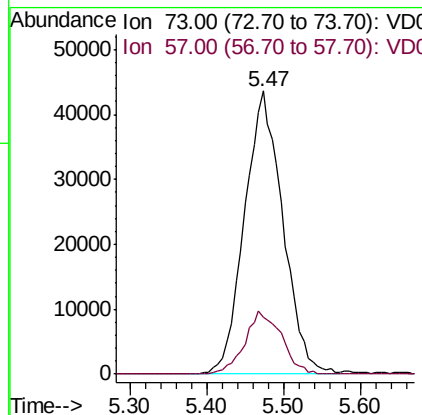
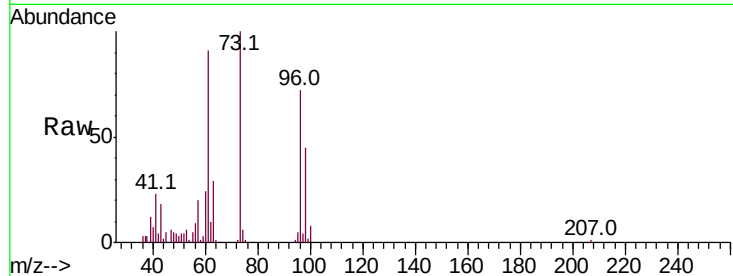


#19

Methyl tert-butyl Ether
 Concen: 18.965 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS01

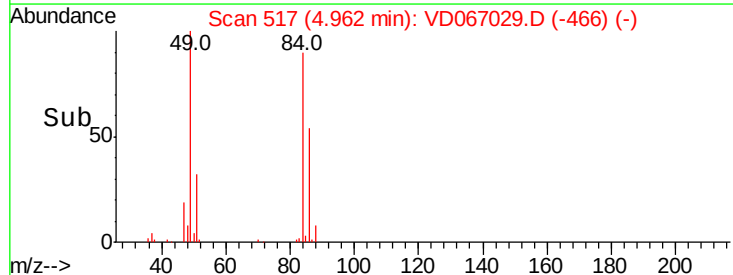
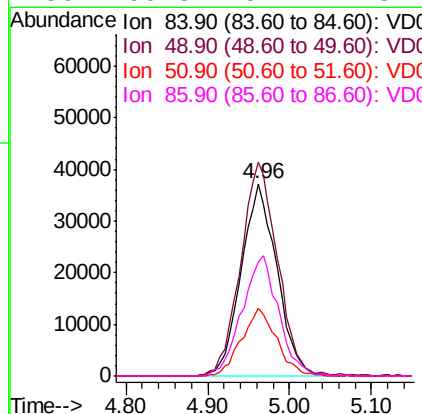
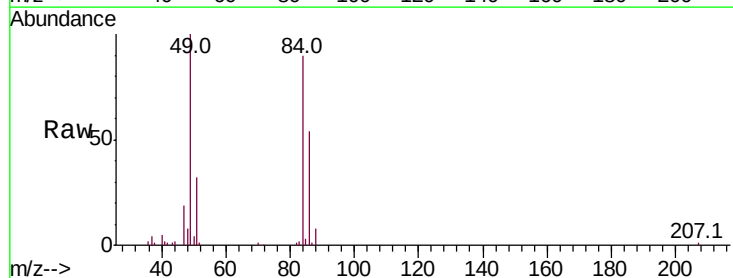
Tot Ion: 73 Resp: 151606
 Ion Ratio Lower Upper
 73 100
 57 20.0 17.4 26.0

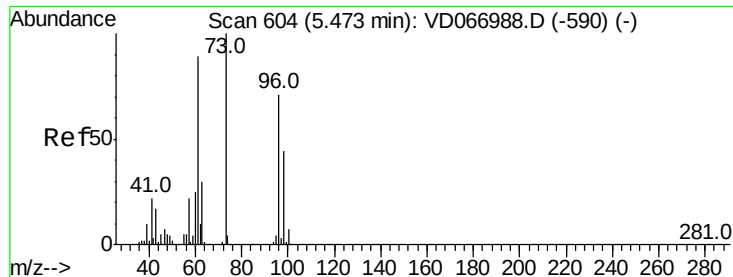


#20

Methylene Chloride
 Concen: 18.766 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

Tgt Ion: 84 Resp: 112983
 Ion Ratio Lower Upper
 84 100
 49 110.9 88.2 132.2
 51 35.2 26.6 39.8
 86 59.5 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 19.789 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS01

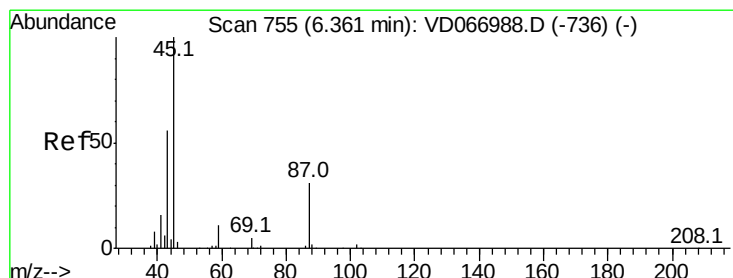
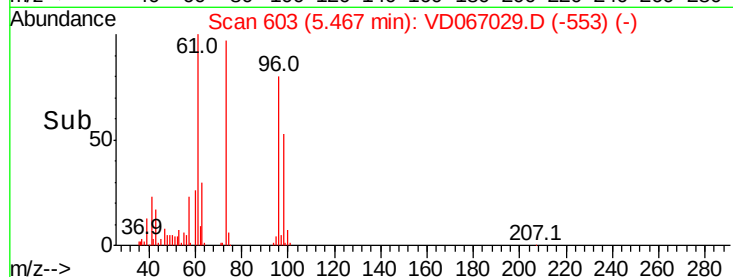
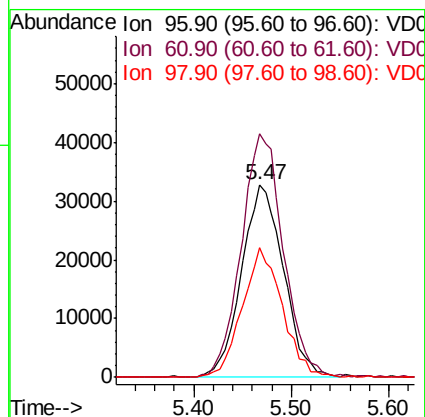
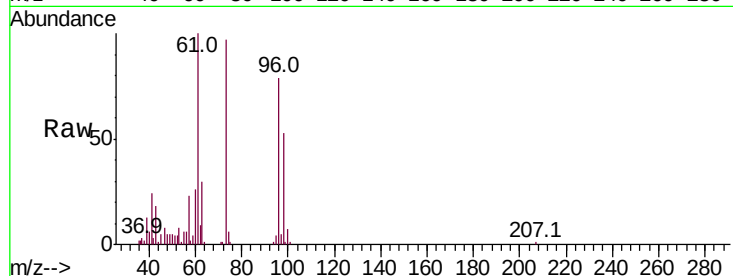
Tot Ion: 96 Resp: 98619

Ion Ratio Lower Upper

96 100

61 126.4 99.6 149.4

98 67.1 49.4 74.2



#22

Diisopropyl ether

Concen: 20.468 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Tgt Ion: 45 Resp: 212576

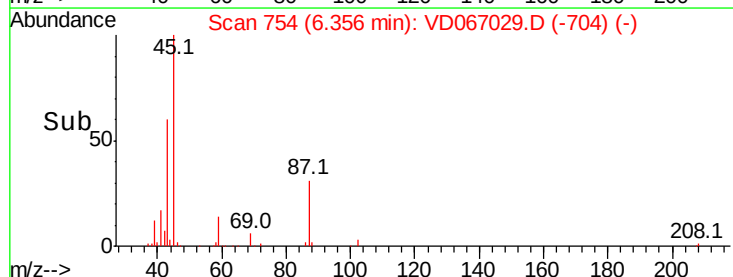
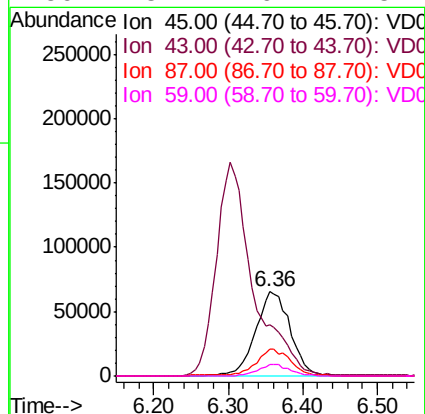
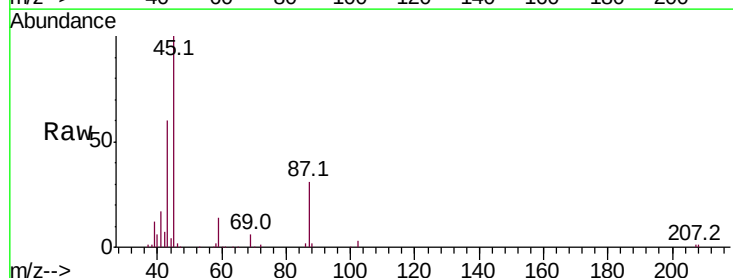
Ion Ratio Lower Upper

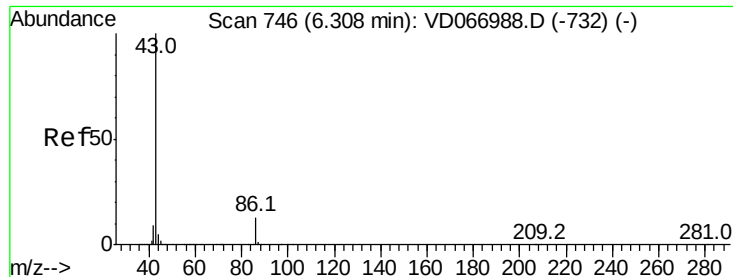
45 100

43 59.0 45.2 67.8

87 31.1 25.6 38.4

59 13.7 9.1 13.7#





#23

Vinyl Acetate

Concen: 97.349 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

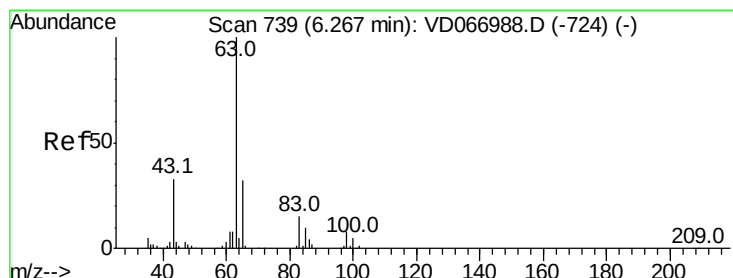
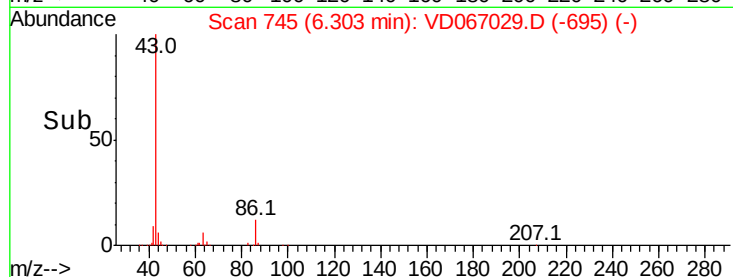
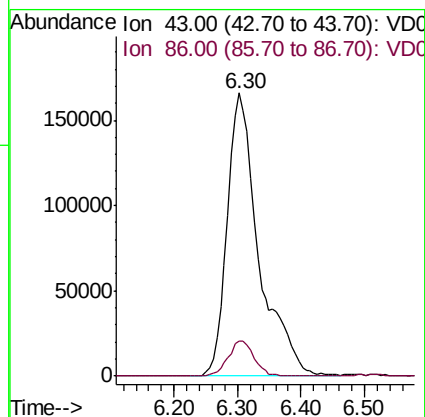
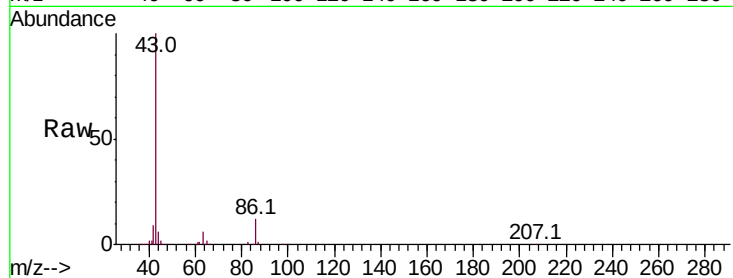
VD1002SBS01

Tot Ion: 43 Resp: 572922

Ion Ratio Lower Upper

43 100

86 12.3 10.2 15.2



#24

1,1-Dichloroethane

Concen: 20.218 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

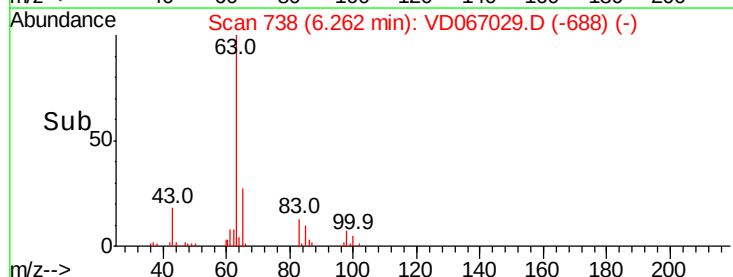
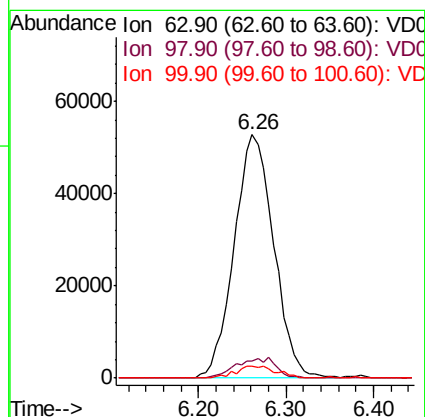
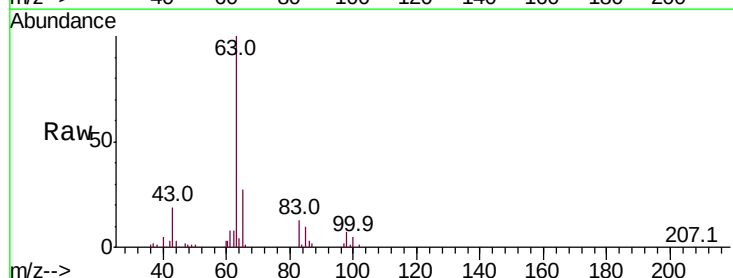
Tgt Ion: 63 Resp: 162047

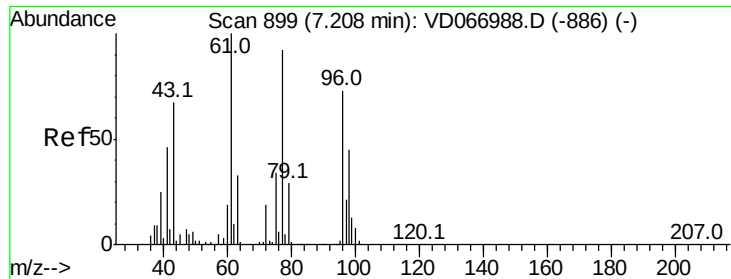
Ion Ratio Lower Upper

63 100

98 7.2 4.2 12.6

100 5.1 2.6 7.8

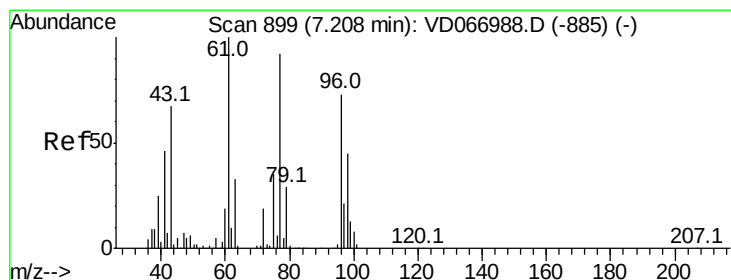
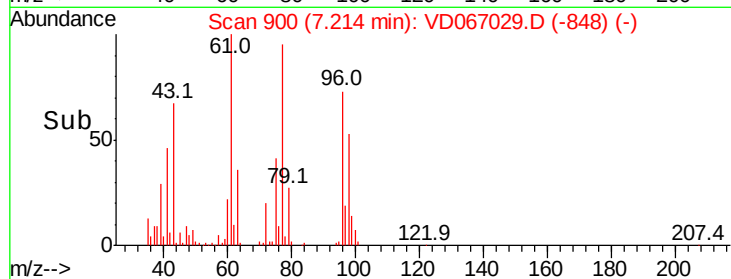
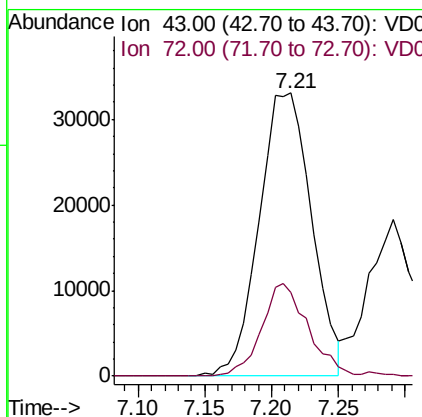
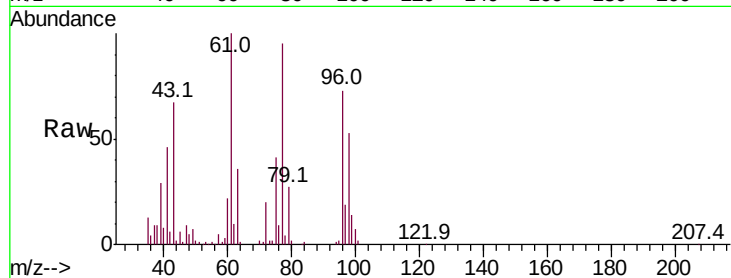




#25
 2-Butanone
 Concen: 93.379 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

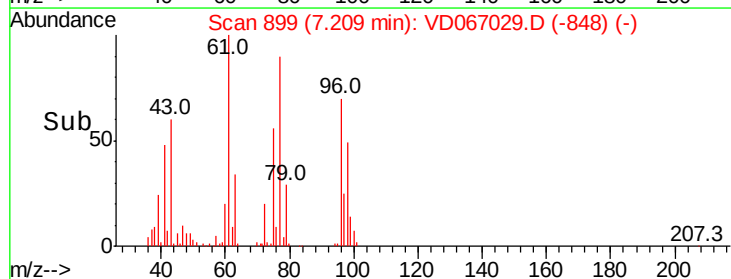
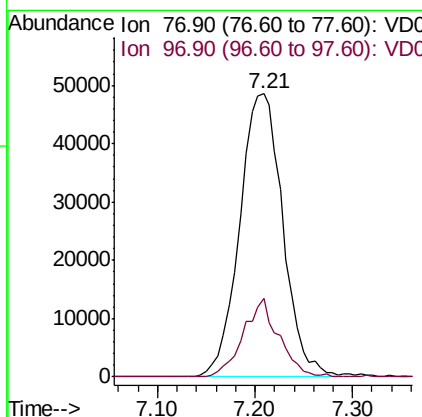
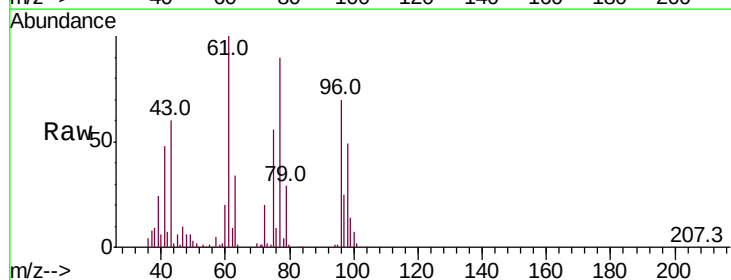
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS01

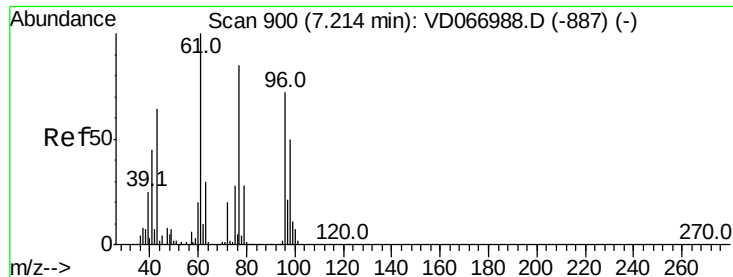
Tot Ion: 43 Resp: 90425
 Ion Ratio Lower Upper
 43 100
 72 29.7 22.8 34.2



#26
 2,2-Dichloropropane
 Concen: 19.389 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

Tgt Ion: 77 Resp: 150195
 Ion Ratio Lower Upper
 77 100
 97 22.9 11.4 34.2



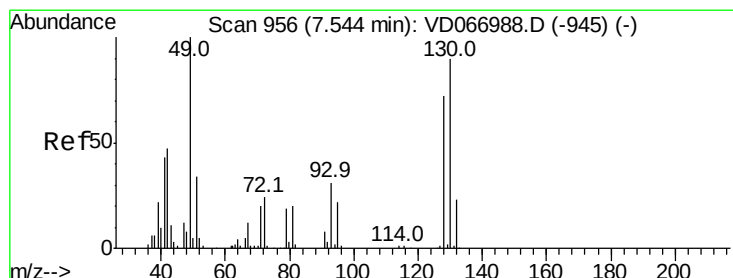
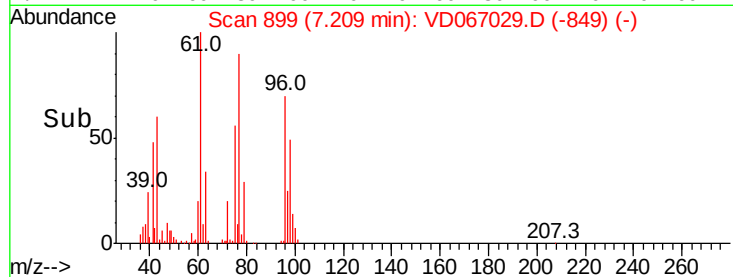
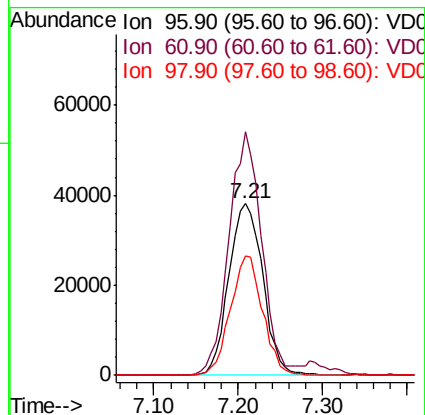
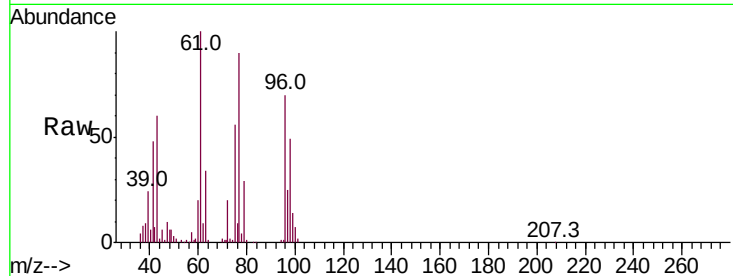


#27

cis-1,2-Dichloroethene
Concen: 19.942 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS01

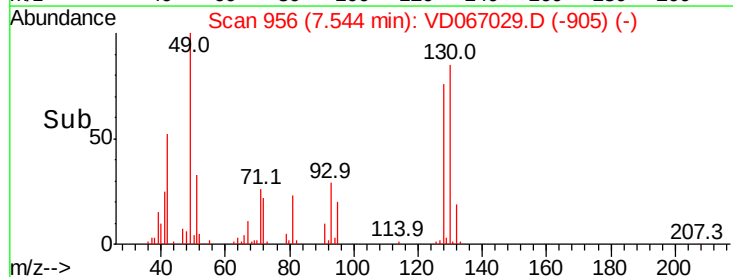
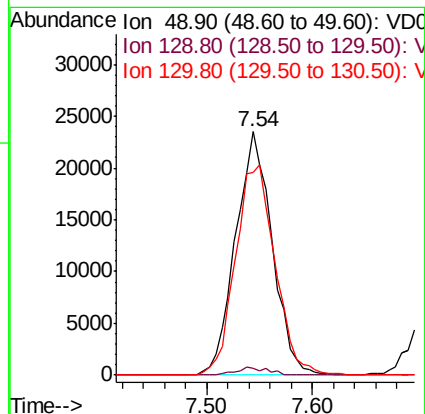
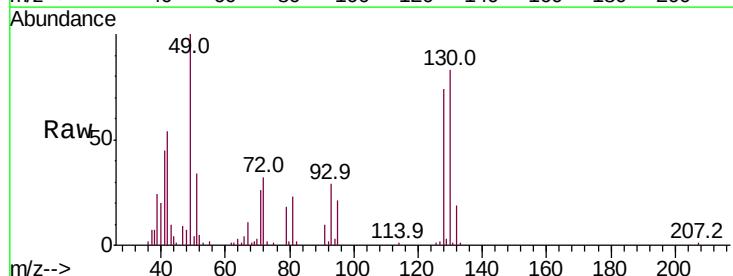
Tot Ion: 96 Resp: 106139
Ion Ratio Lower Upper
96 100
61 135.6 0.0 269.2
98 65.6 0.0 129.4

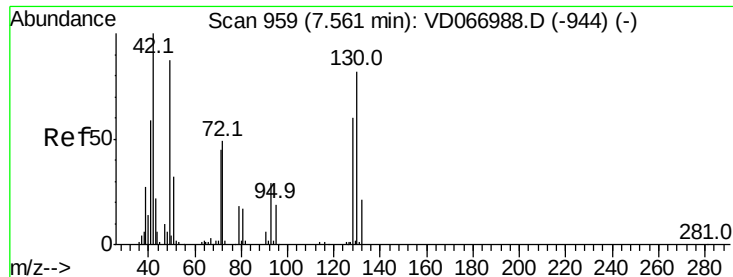


#28

Bromochloromethane
Concen: 18.235 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.00 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

Tgt Ion: 49 Resp: 56444
Ion Ratio Lower Upper
49 100
129 2.8 0.0 4.6
130 93.5 74.1 111.1

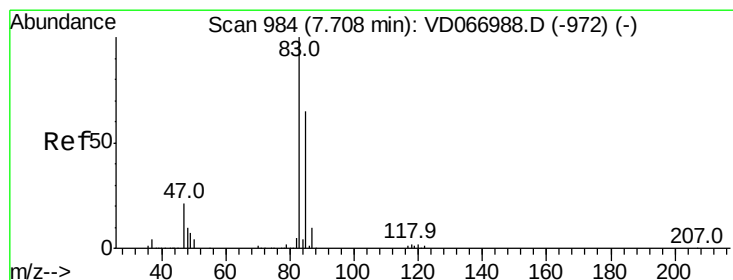
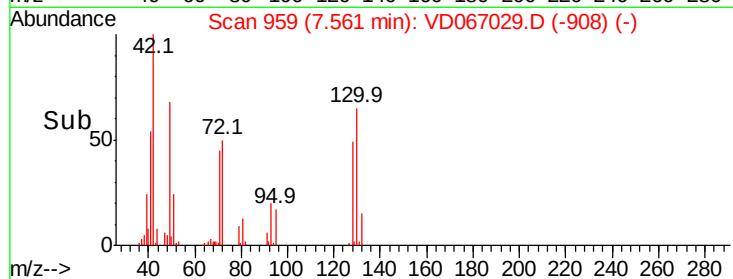
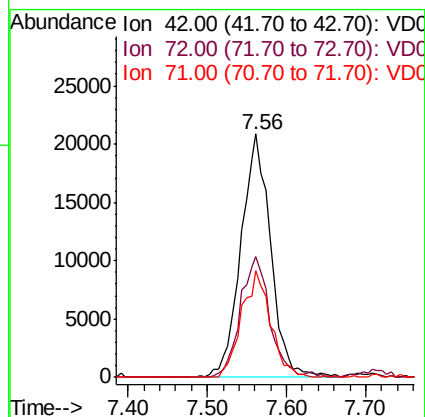
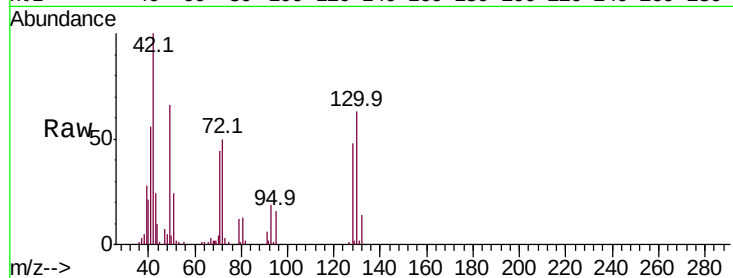




#29
Tetrahydrofuran
Concen: 97.746 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

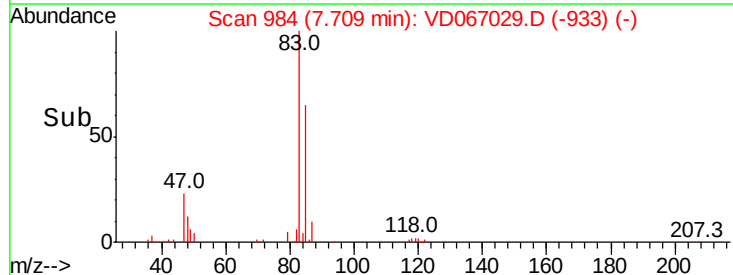
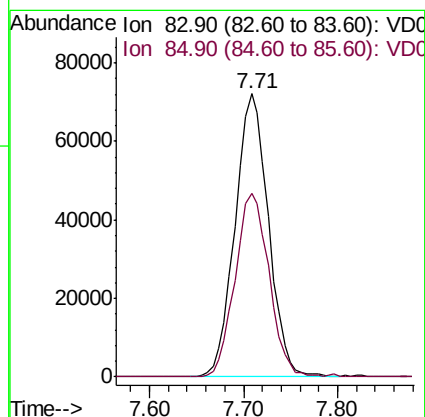
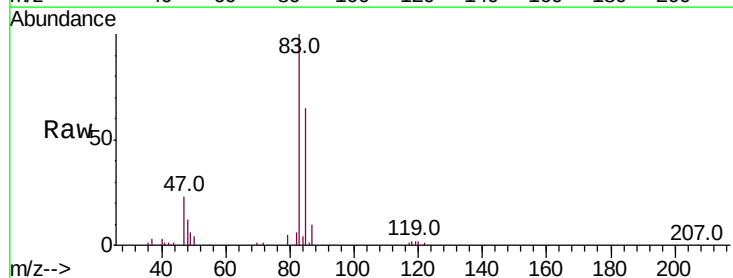
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS01

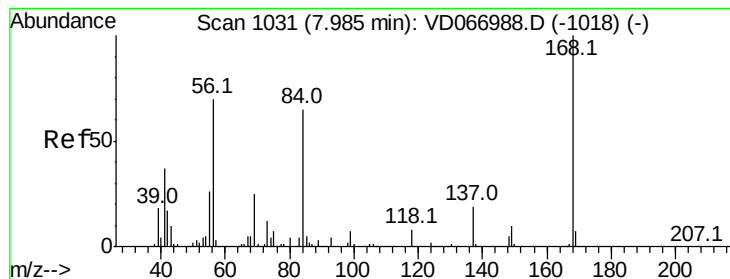
Tot Ion: 42 Resp: 54425
Ion Ratio Lower Upper
42 100
72 48.6 39.1 58.7
71 42.5 34.2 51.4



#30
Chloroform
Concen: 20.443 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

Tgt Ion: 83 Resp: 177751
Ion Ratio Lower Upper
83 100
85 64.9 52.3 78.5





#31

Cyclohexane

Concen: 19.921 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS01

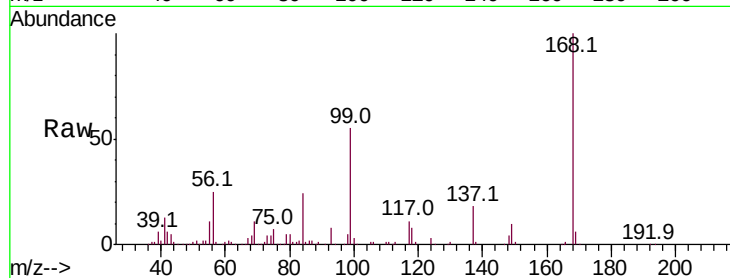
Tot Ion: 56 Resp: 133860

Ion Ratio Lower Upper

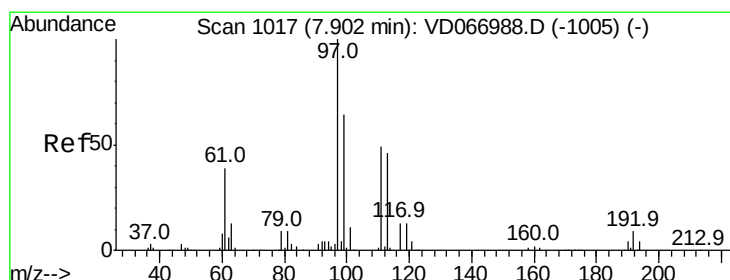
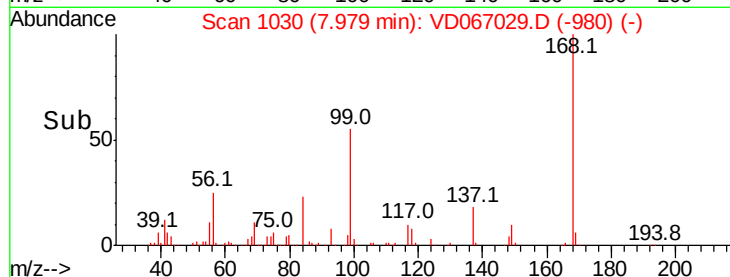
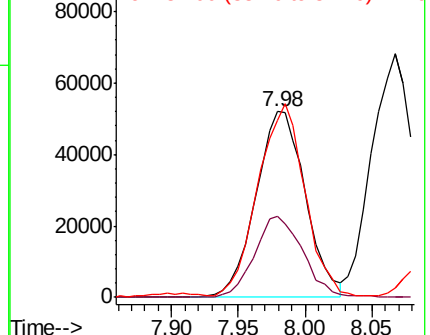
56 100

69 43.4 29.0 43.6

84 93.6 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: 20.360 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

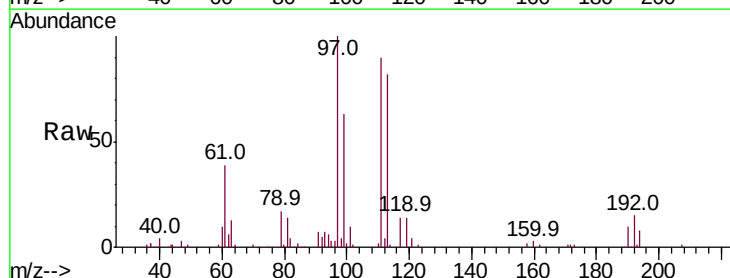
Tgt Ion: 97 Resp: 164064

Ion Ratio Lower Upper

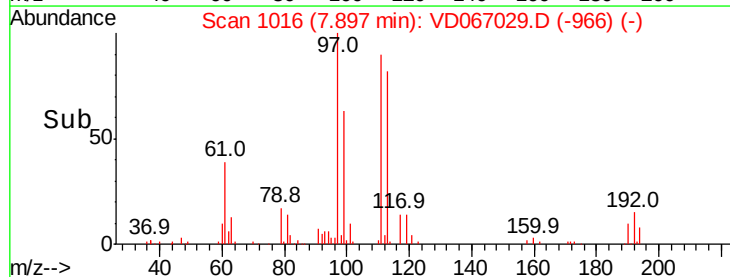
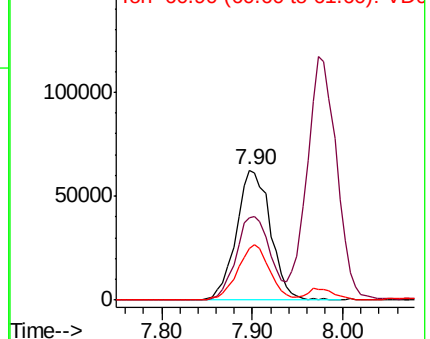
97 100

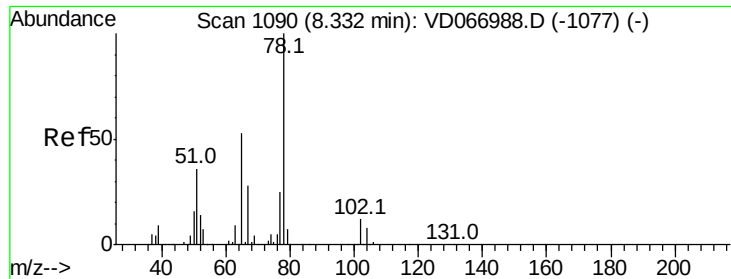
99 65.0 52.6 78.8

61 39.8 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

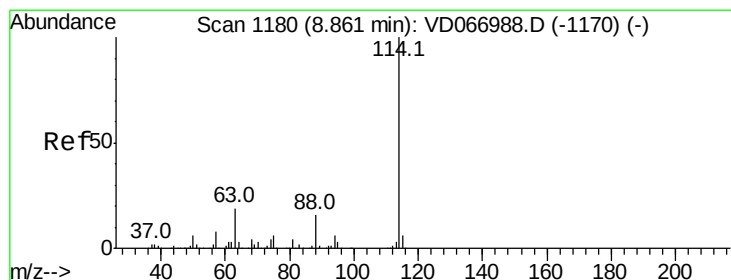
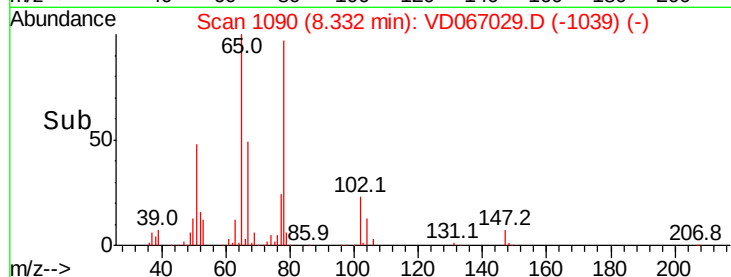
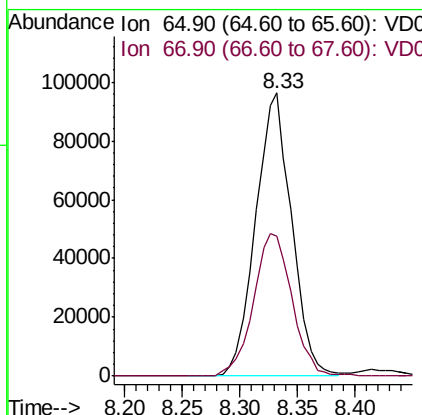
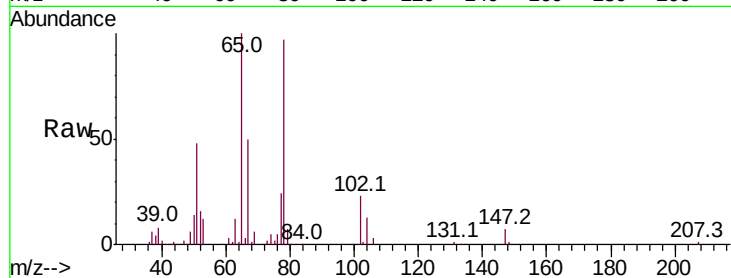




#33
 1,2-Dichloroethane-d4
 Concen: 46.846 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

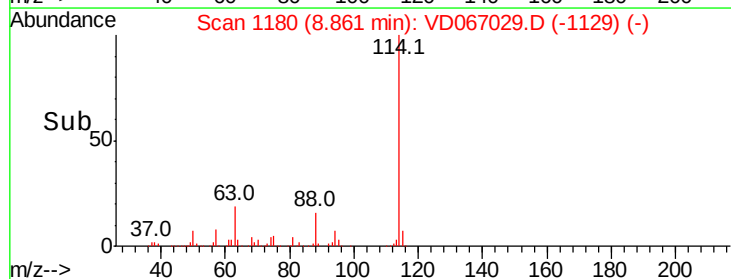
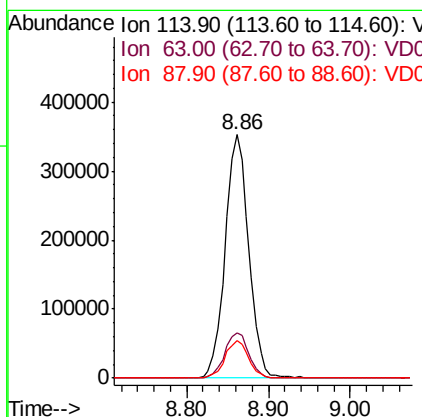
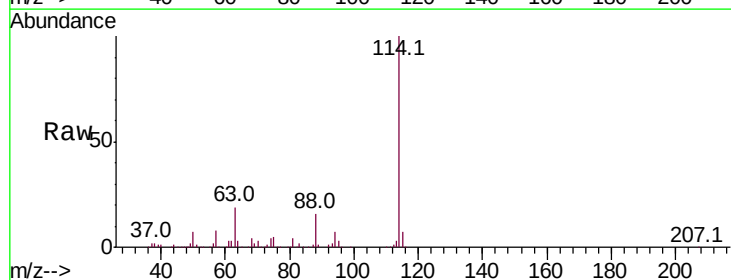
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS01

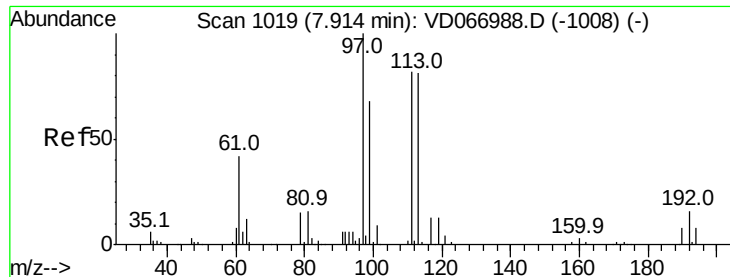
Tot Ion: 65 Resp: 209606
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

Tgt Ion: 114 Resp: 706882
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.4
 88 15.6 0.0 31.2

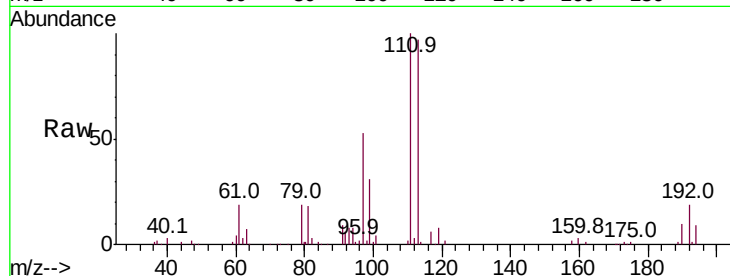




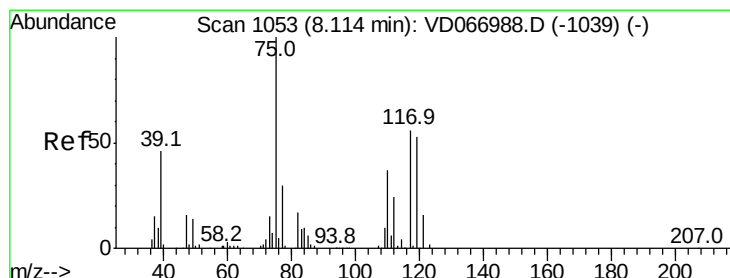
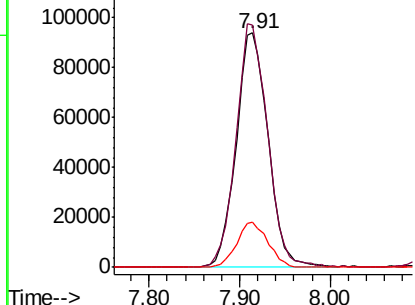
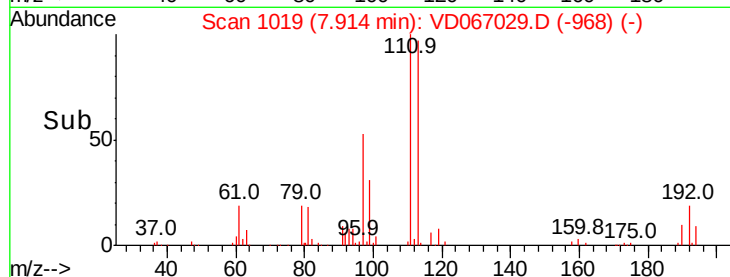
#35
Dibromofluoromethane
Concen: 49.782 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS01

Tot Ion:113 Resp: 230380
Ion Ratio Lower Upper
113 100
111 102.7 83.0 124.4
192 19.0 15.5 23.3

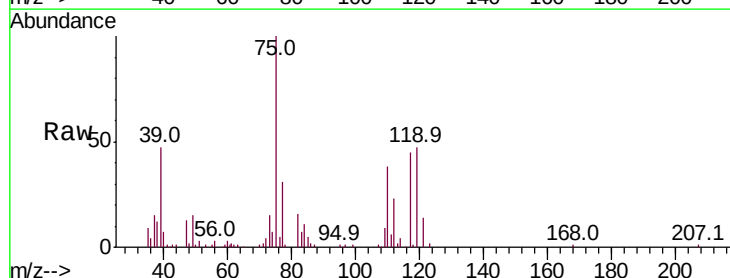


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

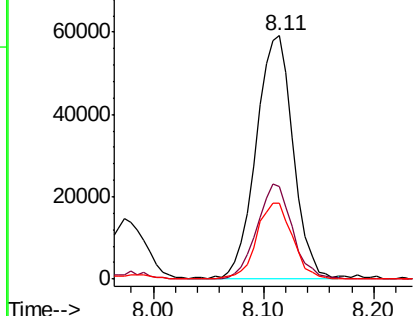
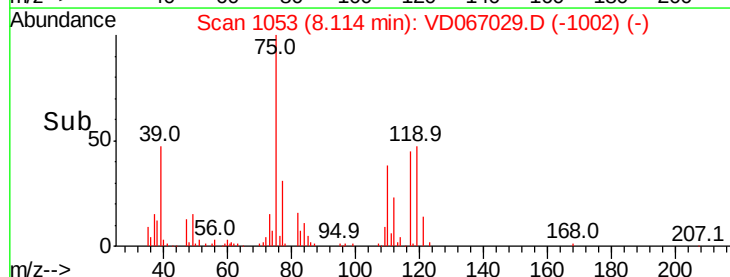


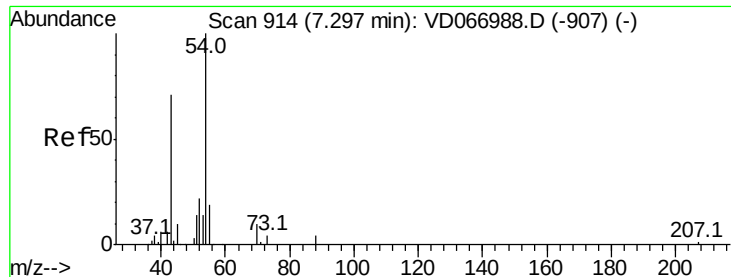
#36
1,1-Dichloropropene
Concen: 20.991 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

Tgt Ion: 75 Resp: 138308
Ion Ratio Lower Upper
75 100
110 37.6 18.4 55.0
77 30.5 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

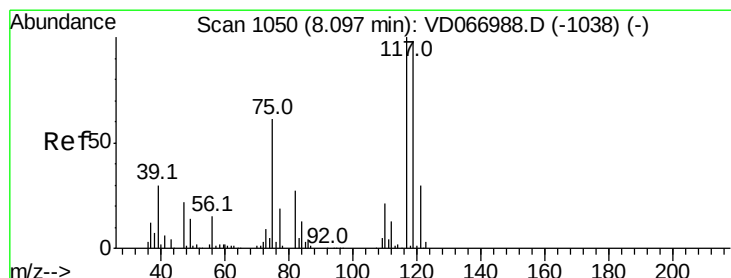
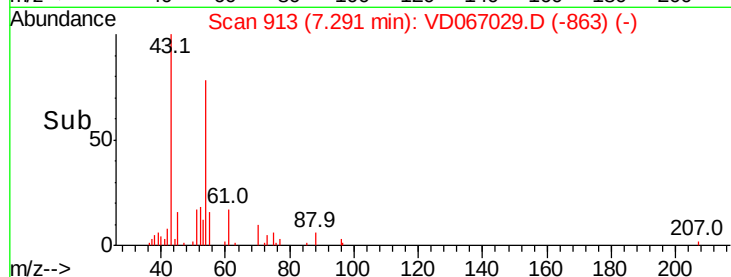
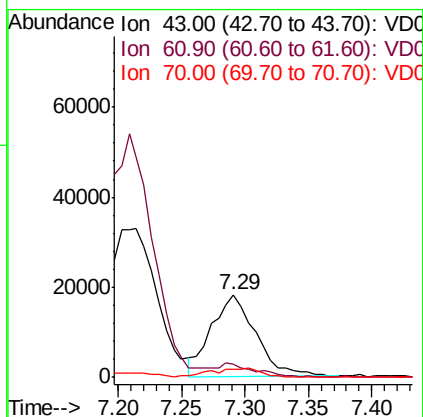
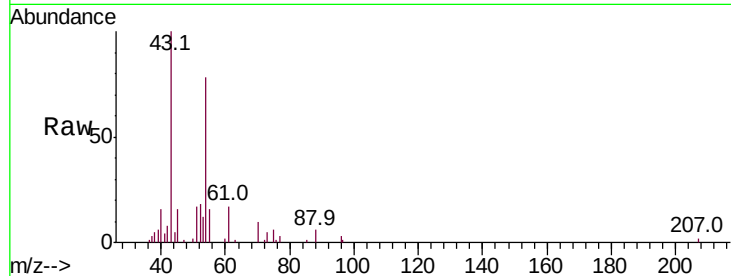




#37
Ethyl Acetate
Concen: 19.145 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

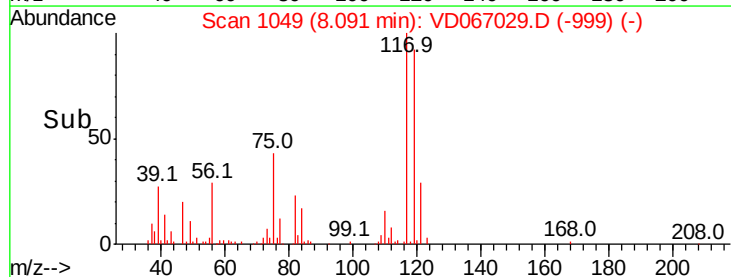
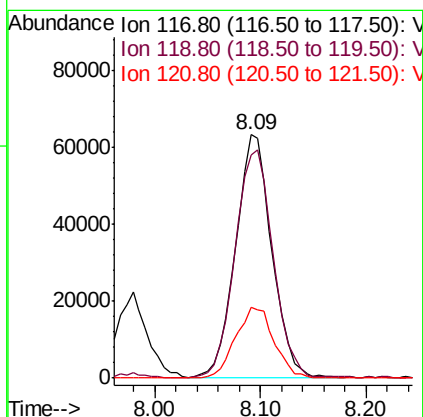
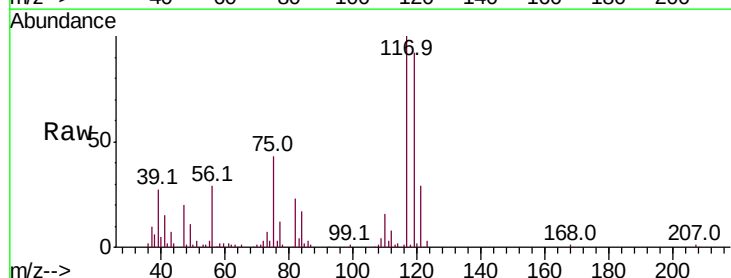
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS01

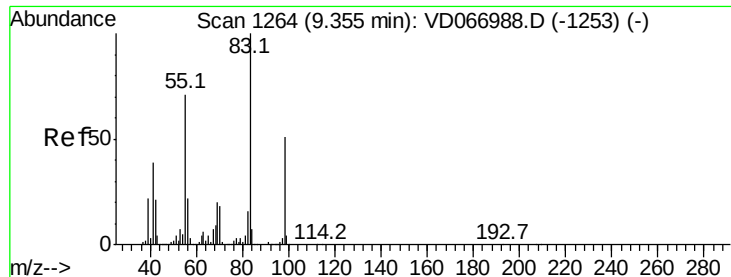
Tot Ion: 43 Resp: 43701
Ion Ratio Lower Upper
43 100
61 13.1 12.5 18.7
70 12.4 9.4 14.0



#38
Carbon Tetrachloride
Concen: 21.207 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

Tgt Ion: 117 Resp: 151186
Ion Ratio Lower Upper
117 100
119 91.7 78.7 118.1
121 29.1 24.2 36.2

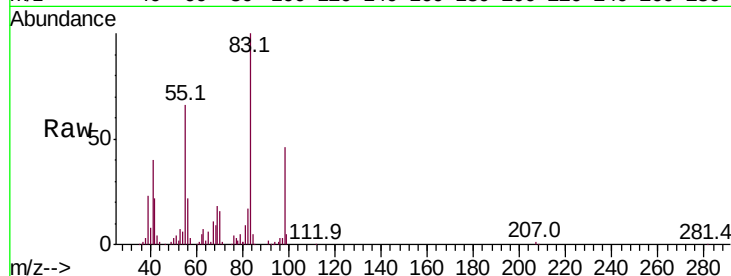




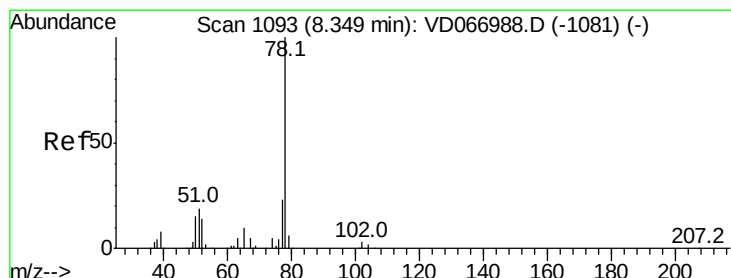
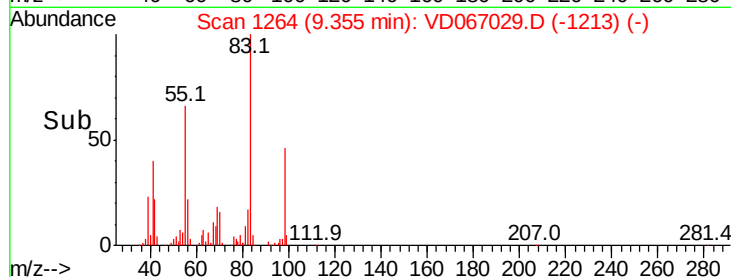
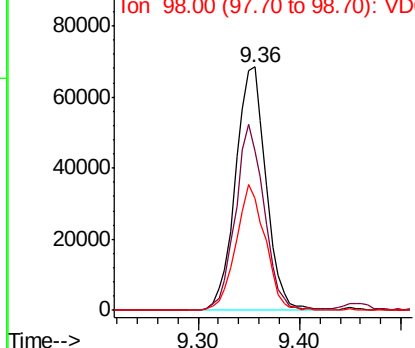
#39
Methylvlcyclohexane
Concen: 20.567 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS01

Tot Ion: 83 Resp: 143272
Ion Ratio Lower Upper
83 100
55 65.6 57.1 85.7
98 46.1 40.9 61.3

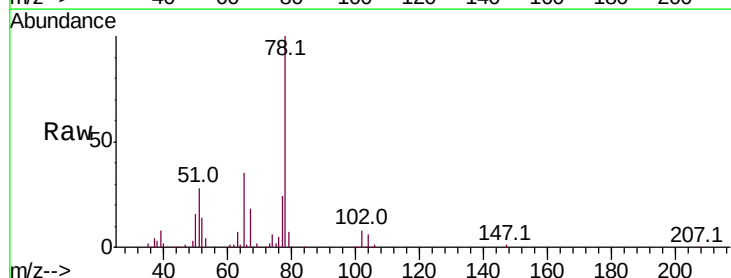


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

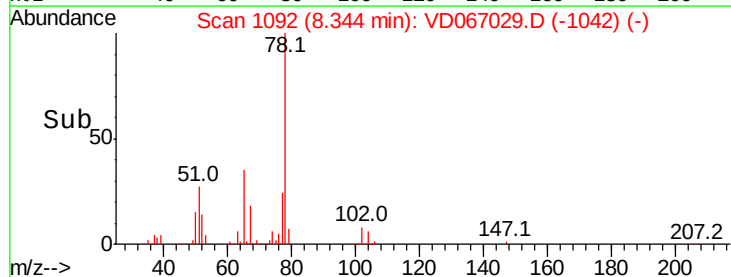
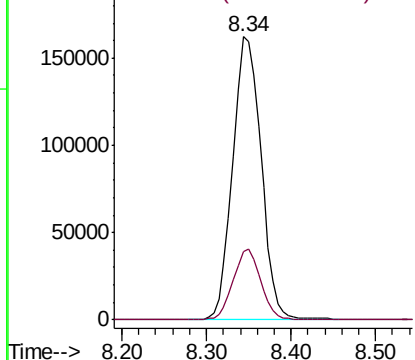


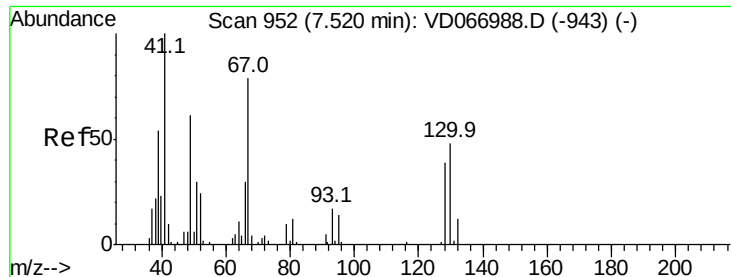
#40
Benzene
Concen: 20.635 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

Tgt Ion: 78 Resp: 377652
Ion Ratio Lower Upper
78 100
77 24.0 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: 14.911 ug/l

RT: 7.51 min Scan# 951

Delta R.T. -0.01 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS01

Tot Ion: 41 Resp: 18388

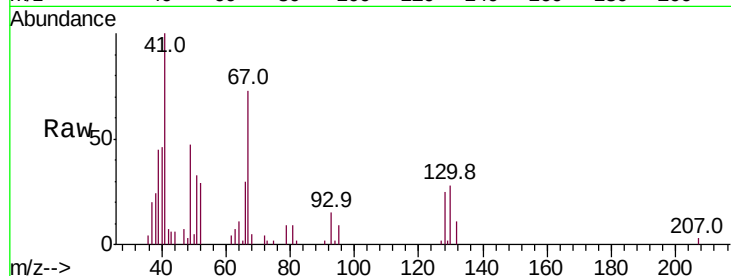
Ion Ratio Lower Upper

41 100

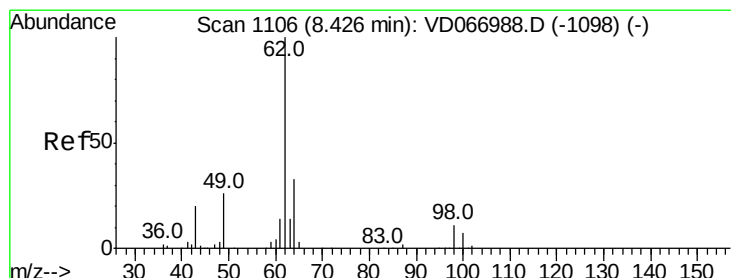
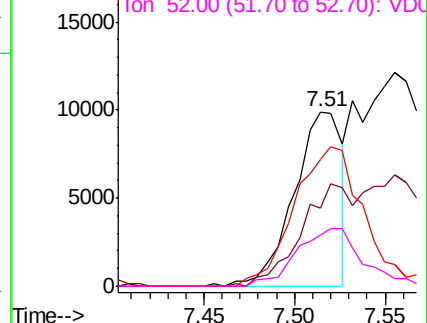
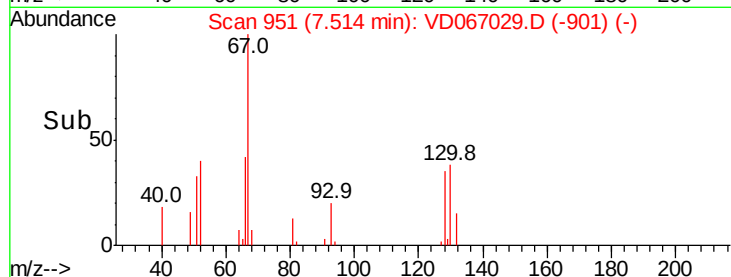
39 61.7 0.0 0.0#

67 114.8 0.0 0.0#

52 45.6 0.0 0.0#



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 20.125 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VD067029.D

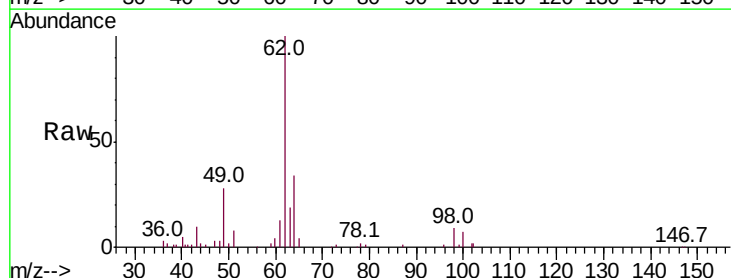
Acq: 02 Oct 2020 12:21

Tgt Ion: 62 Resp: 102919

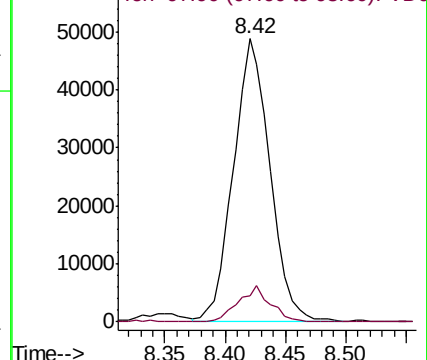
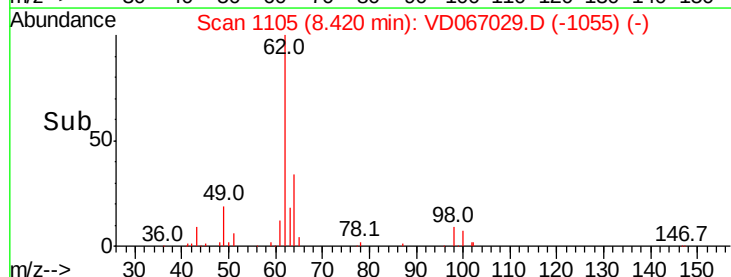
Ion Ratio Lower Upper

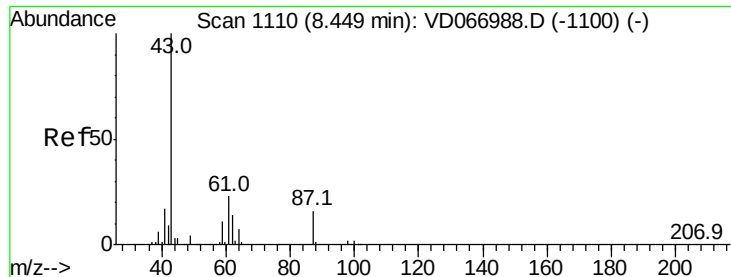
62 100

98 11.2 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.467 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS01

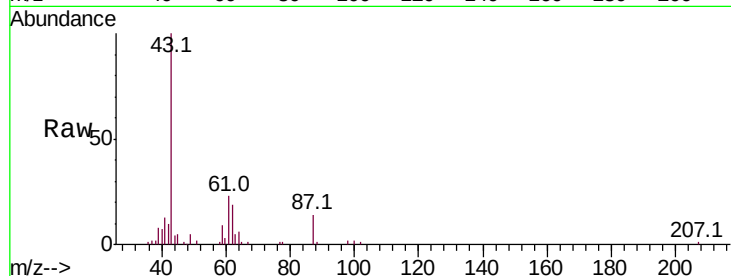
Tot Ion: 43 Resp: 81860

Ion Ratio Lower Upper

43 100

61 35.7 27.1 40.7

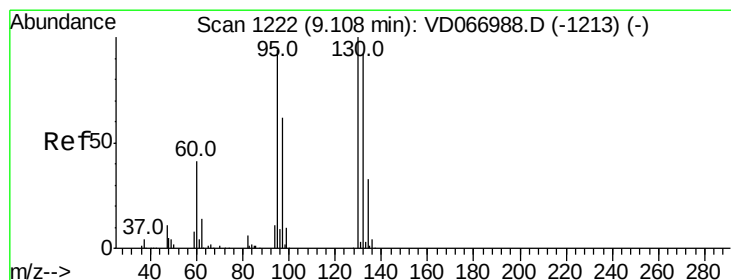
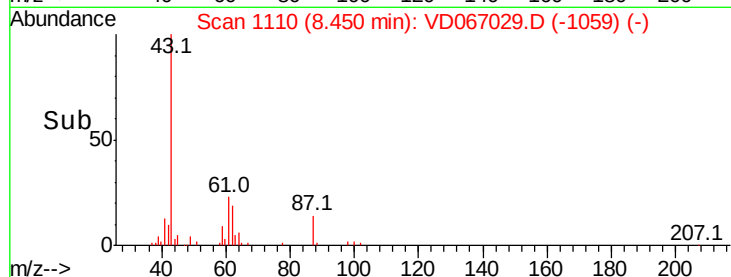
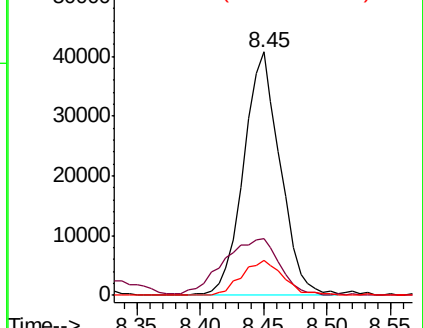
87 16.2 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.949 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD067029.D

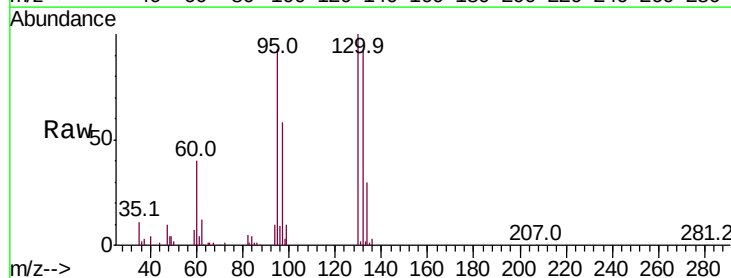
Acq: 02 Oct 2020 12:21

Tgt Ion: 130 Resp: 114485

Ion Ratio Lower Upper

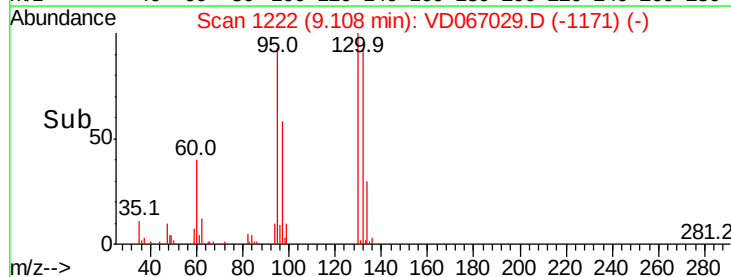
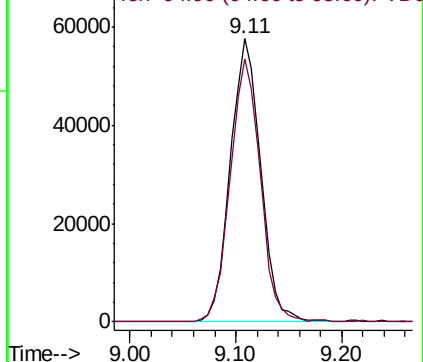
130 100

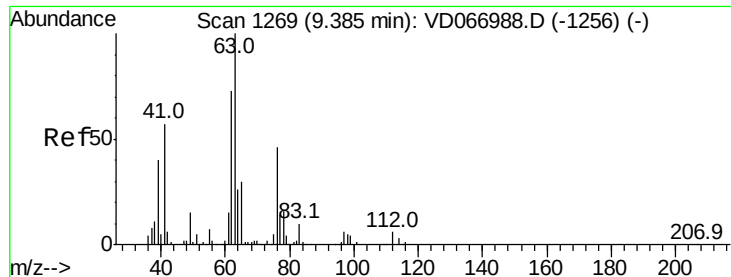
95 93.0 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 21.014 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

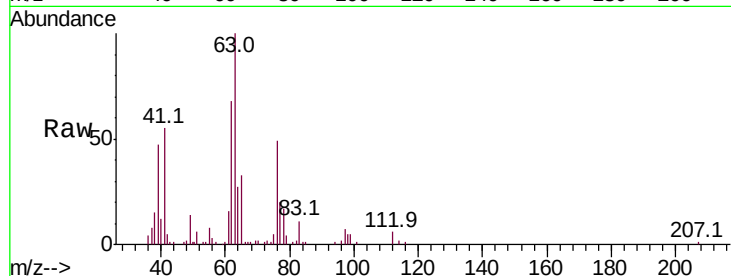
VD1002SBS01

Tot Ion: 63 Resp: 90360

Ion Ratio Lower Upper

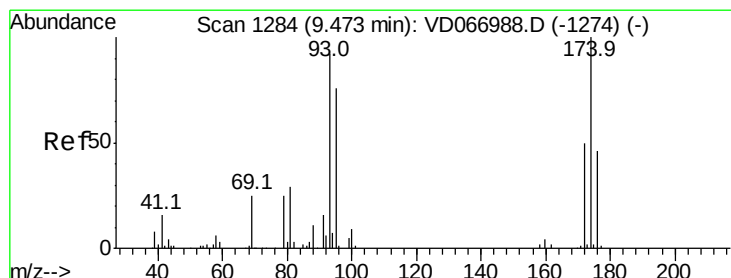
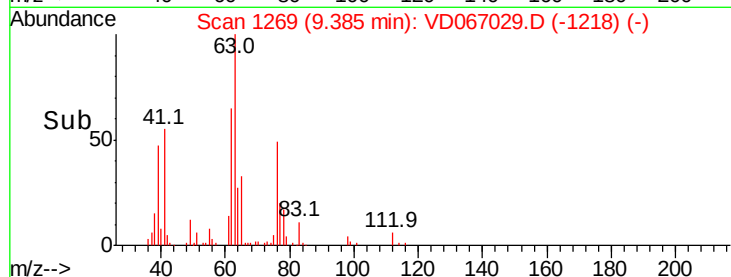
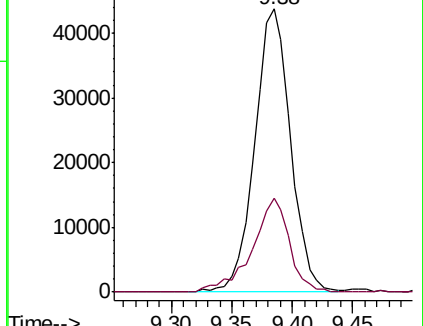
63 100

65 33.3 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 20.680 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

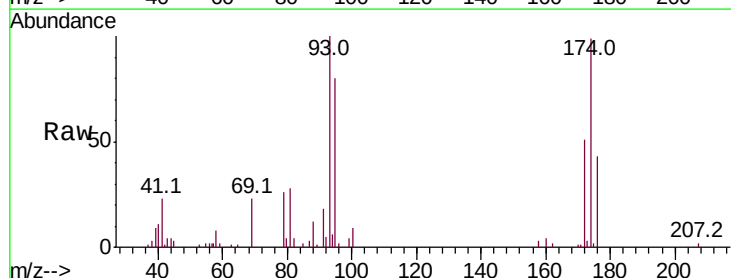
Tgt Ion: 93 Resp: 51109

Ion Ratio Lower Upper

93 100

95 84.7 64.7 97.1

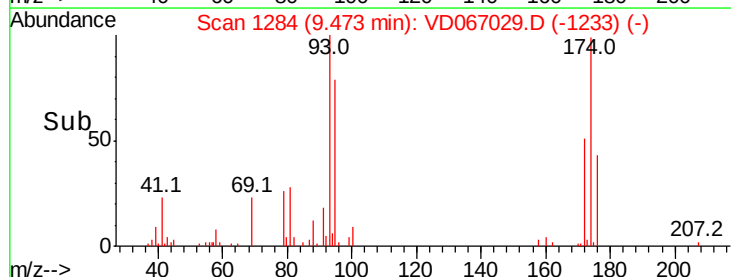
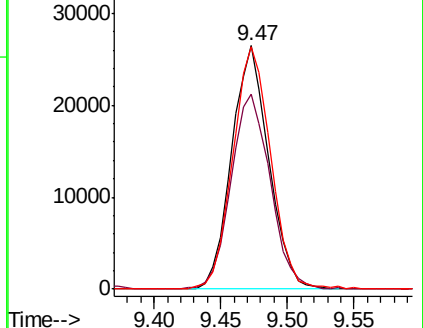
174 101.7 81.4 122.2

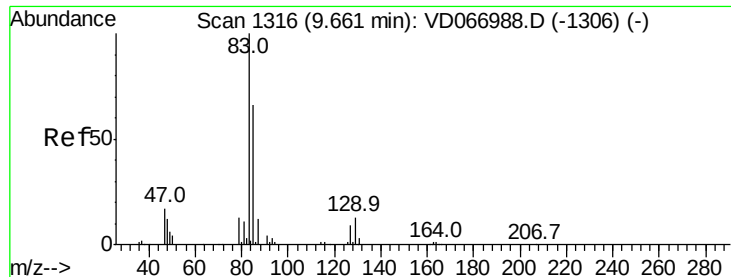


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 20.818 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS01

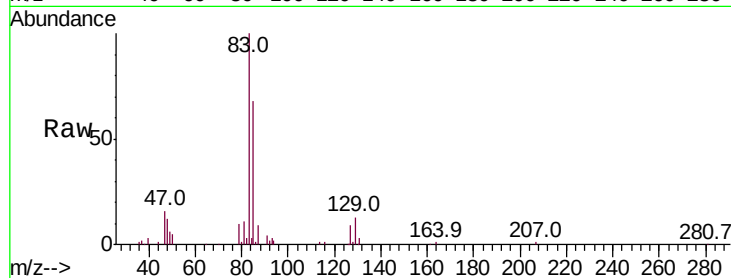
Tot Ion: 83 Resp: 133742

Ion Ratio Lower Upper

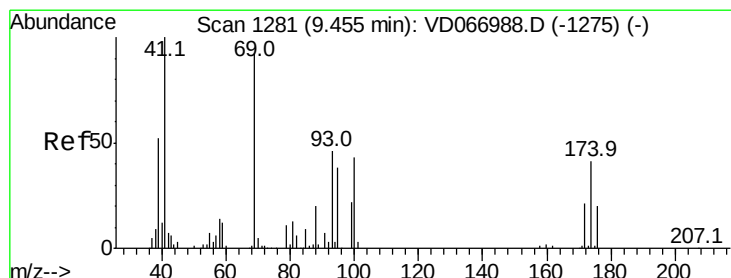
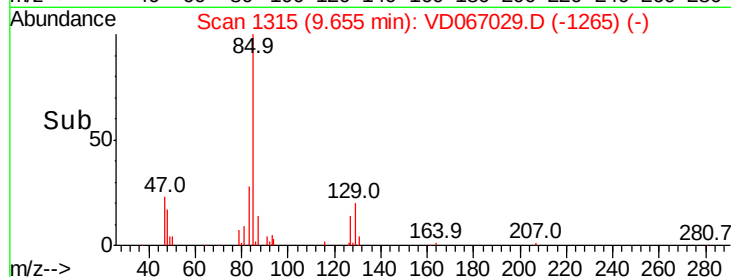
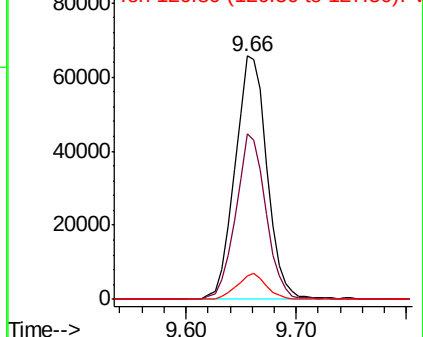
83 100

85 67.8 52.9 79.3

127 9.4 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: 20.351 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

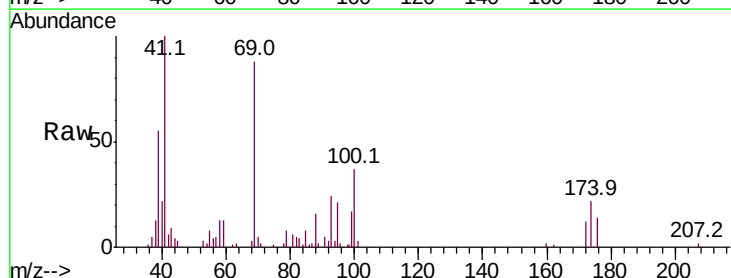
Tgt Ion: 41 Resp: 43842

Ion Ratio Lower Upper

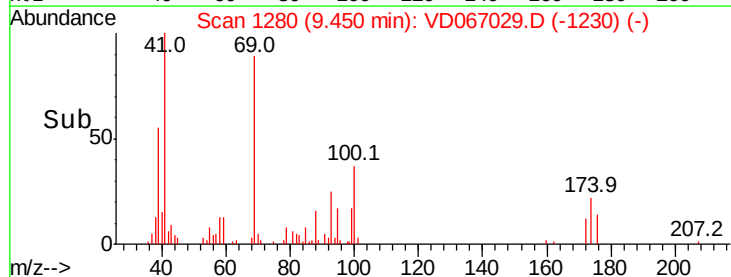
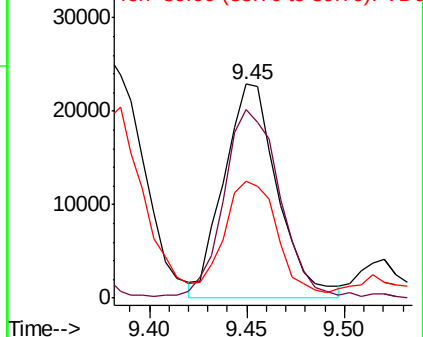
41 100

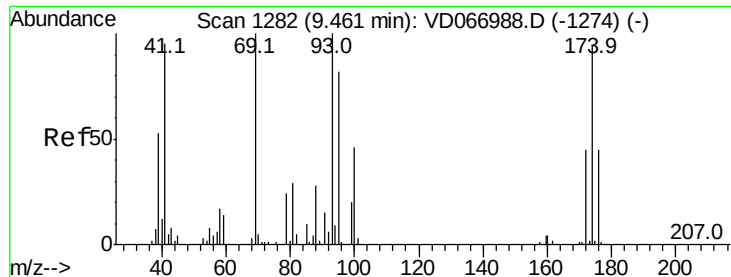
69 93.2 68.5 102.7

39 55.5 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: 370.704 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS01

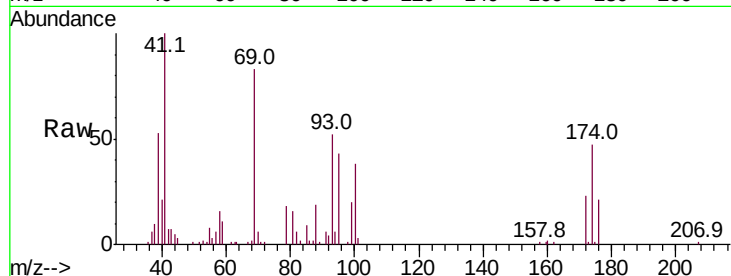
Tot Ion: 88 Resp: 9562

Ion Ratio Lower Upper

88 100

43 39.5 25.6 38.4#

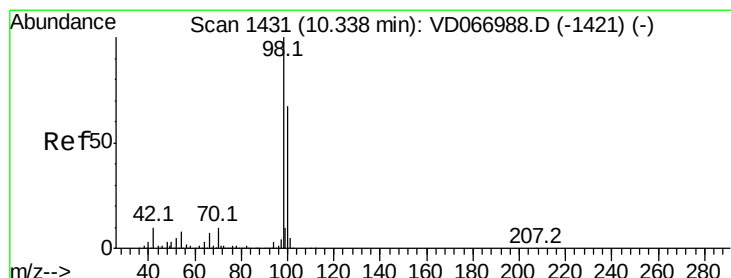
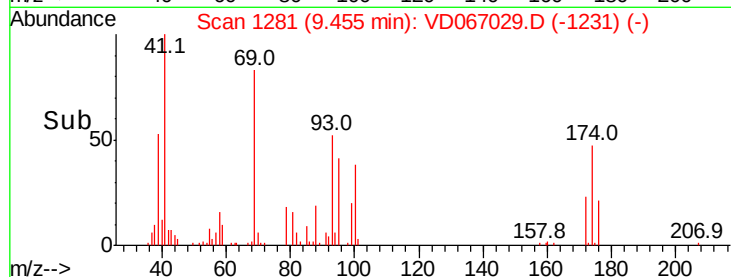
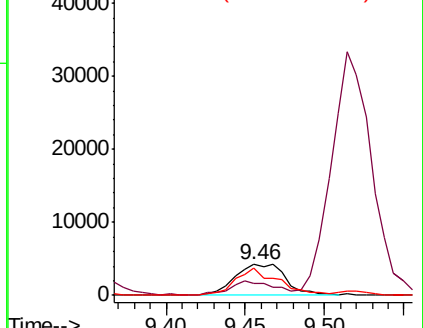
58 73.8 53.5 80.3



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: 50.843 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067029.D

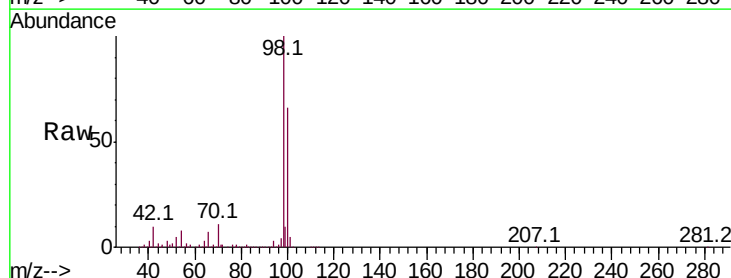
Acq: 02 Oct 2020 12:21

Tgt Ion: 98 Resp: 857374

Ion Ratio Lower Upper

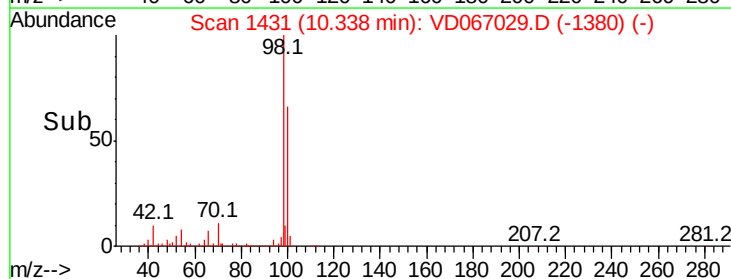
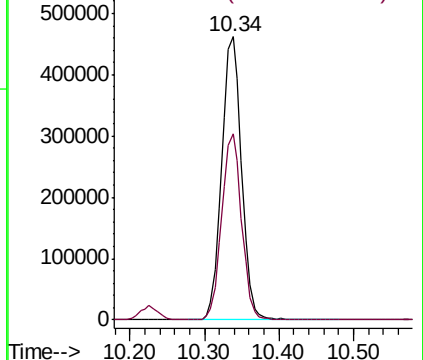
98 100

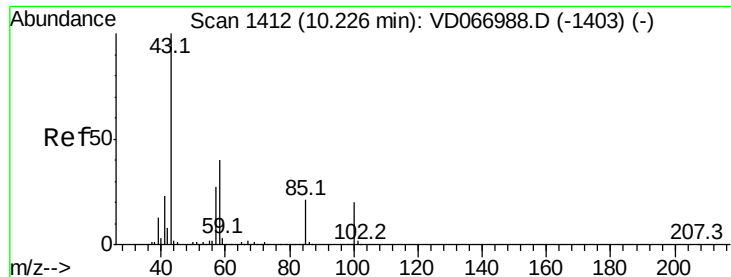
100 66.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

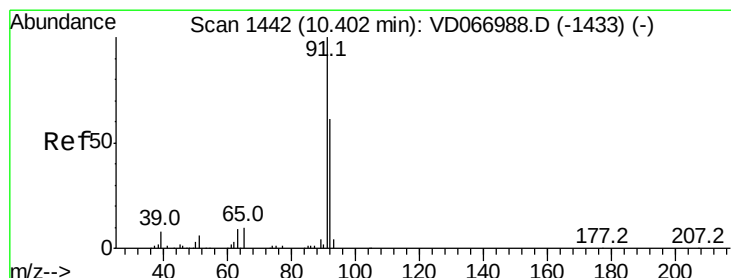
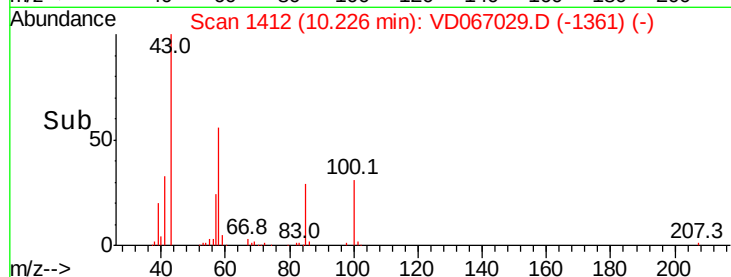
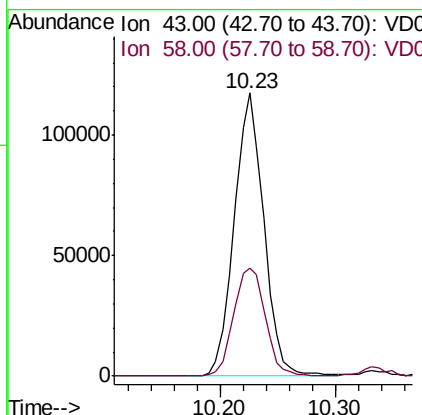
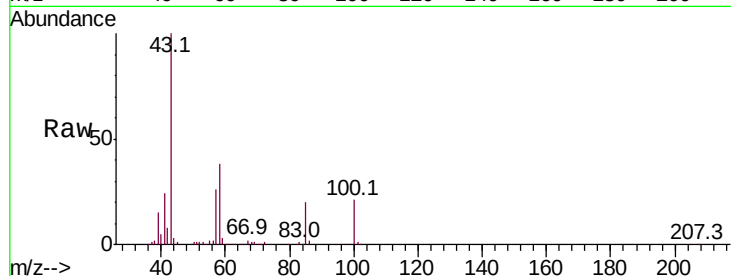




#51
 4-Methyl-2-Pentanone
 Concen: 99.828 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

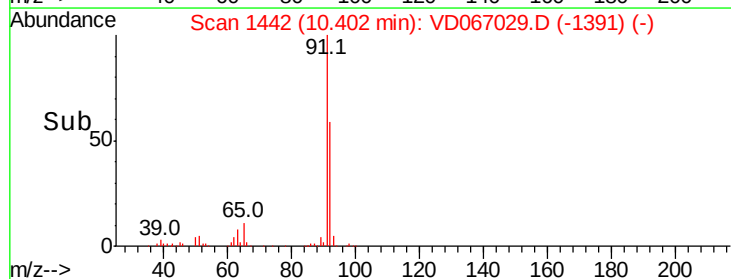
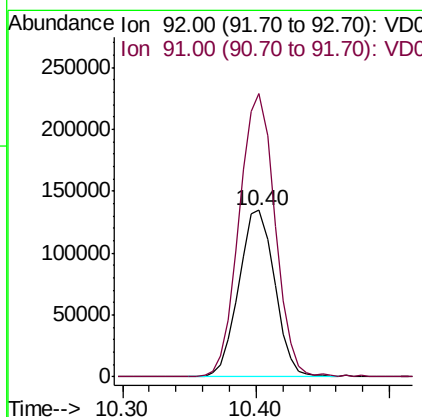
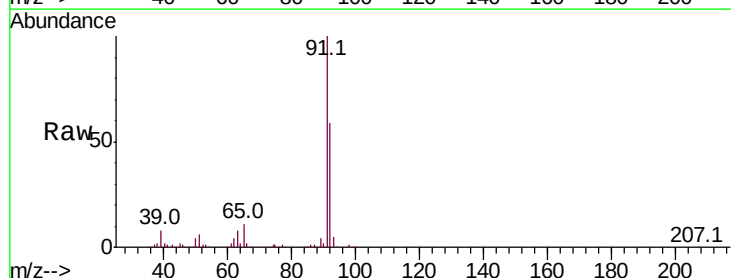
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS01

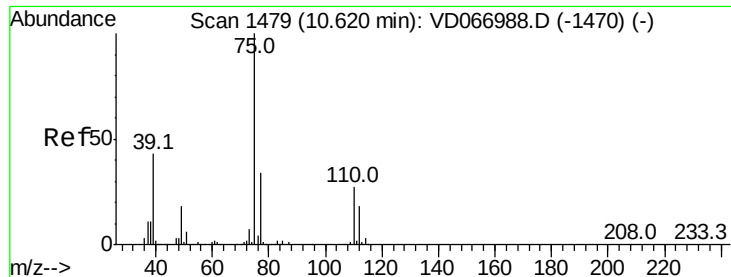
Tot Ion: 43 Resp: 209090
 Ion Ratio Lower Upper
 43 100
 58 40.8 33.8 50.8



#52
 Toluene
 Concen: 21.347 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

Tgt Ion: 92 Resp: 251656
 Ion Ratio Lower Upper
 92 100
 91 169.2 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 20.496 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

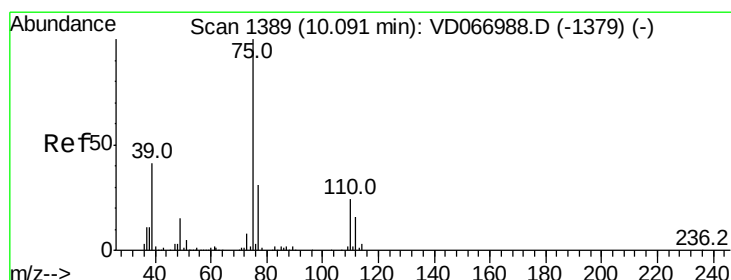
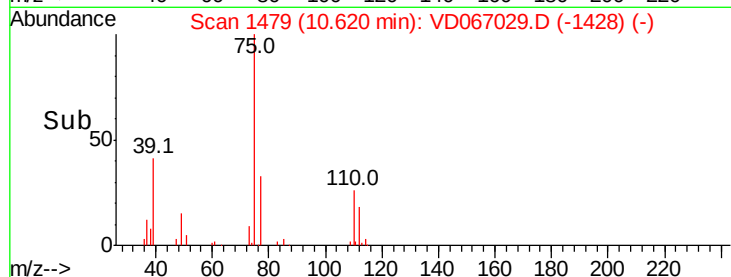
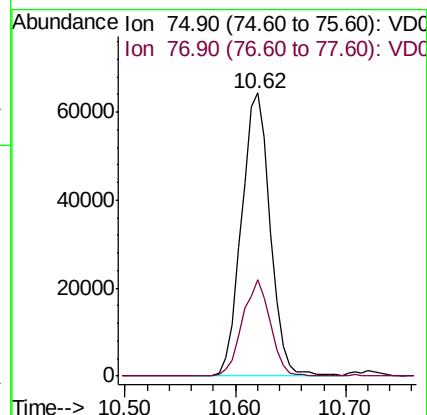
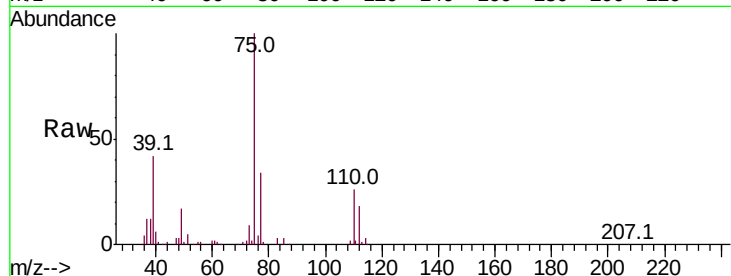
VD1002SBS01

Tot Ion: 75 Resp: 117683

Ion Ratio Lower Upper

75 100

77 34.1 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 20.327 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

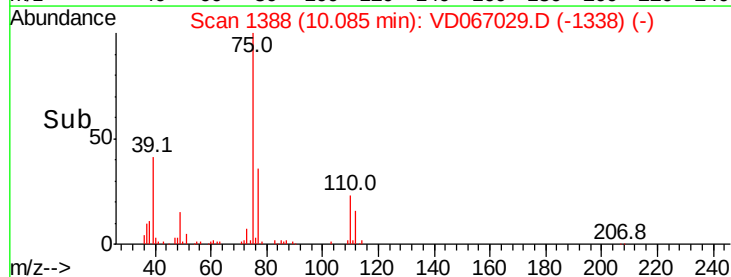
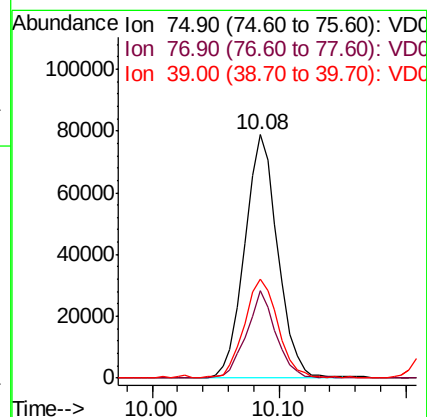
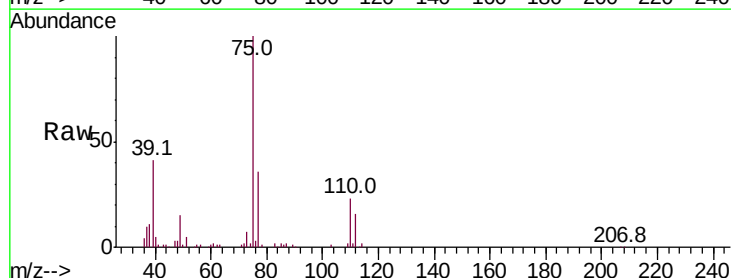
Tgt Ion: 75 Resp: 142517

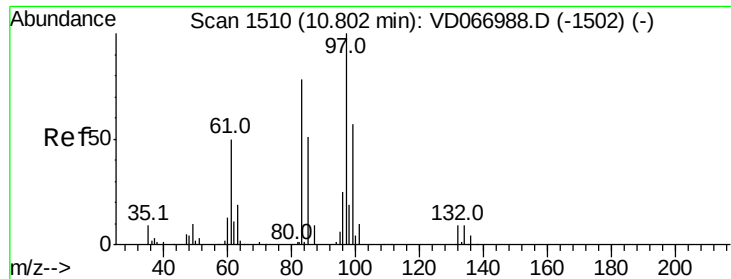
Ion Ratio Lower Upper

75 100

77 36.2 24.6 37.0

39 40.9 33.0 49.4

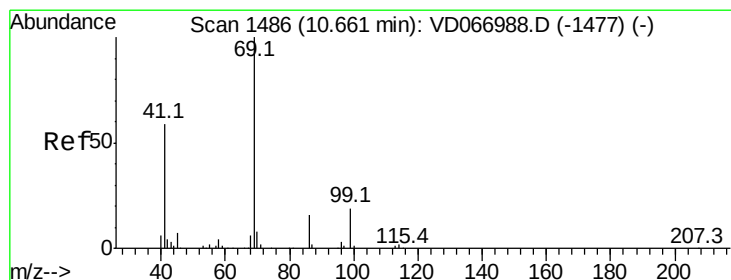
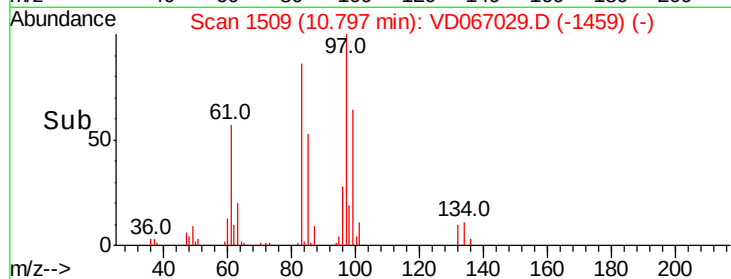
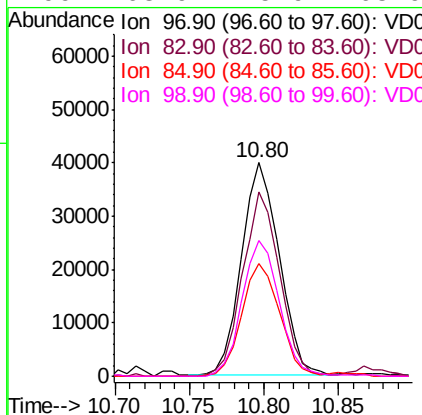
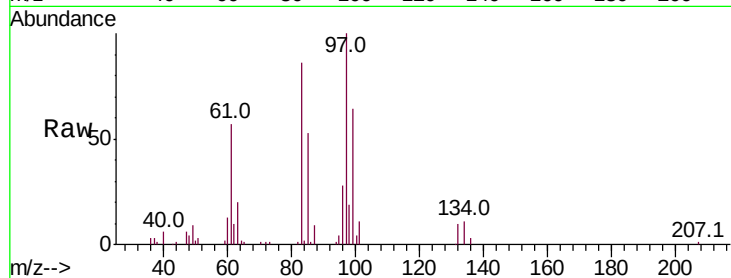




#55
 1,1,2-Trichloroethane
 Concen: 20.335 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

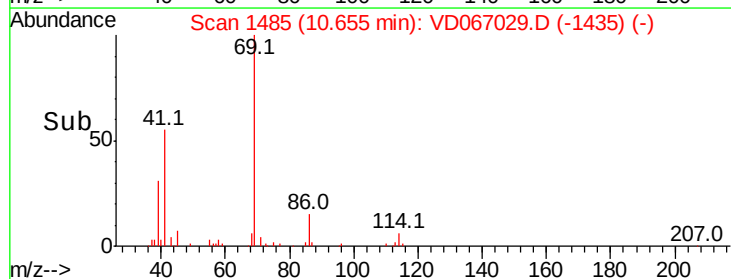
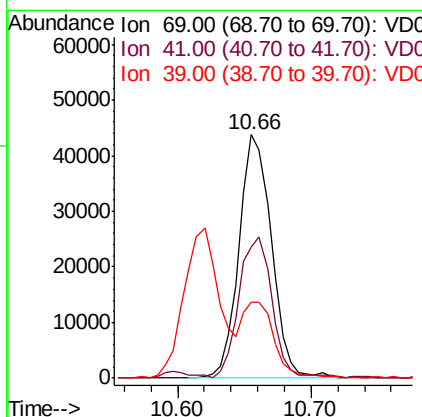
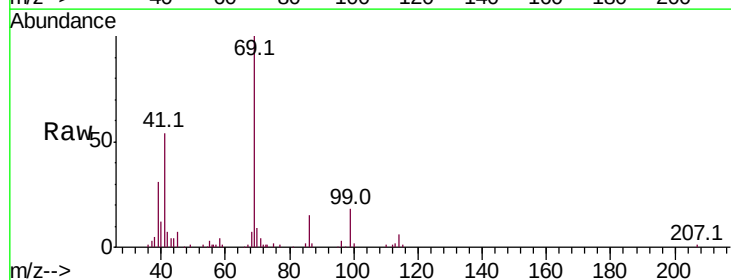
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS01

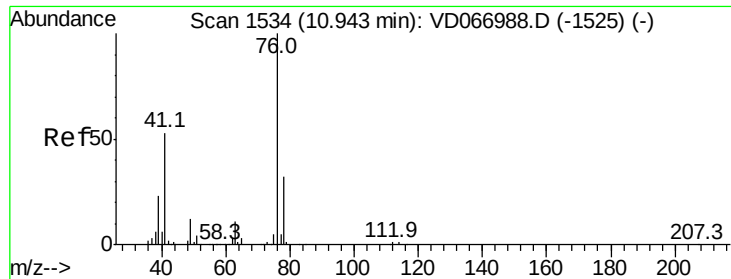
Tot Ion:	97	Resp:	69874
Ion	Ratio	Lower	Upper
97	100		
83	86.8	62.4	93.6
85	53.3	41.0	61.4
99	63.9	45.9	68.9



#56
 Ethyl methacrylate
 Concen: 20.826 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

Tgt Ion:	69	Resp:	73881
Ion	Ratio	Lower	Upper
69	100		
41	59.4	46.4	69.6
39	30.5	23.8	35.6

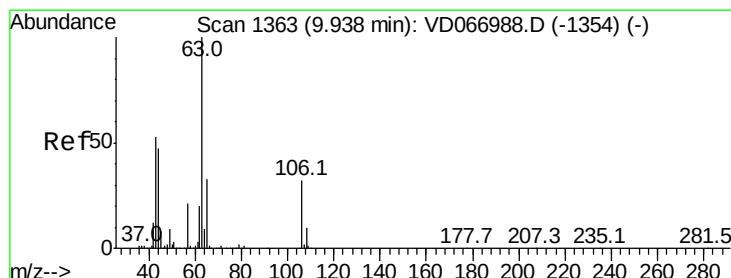
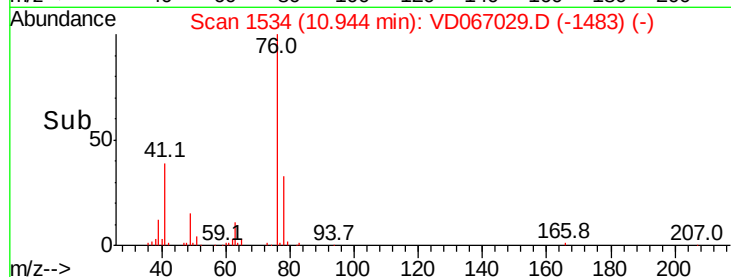
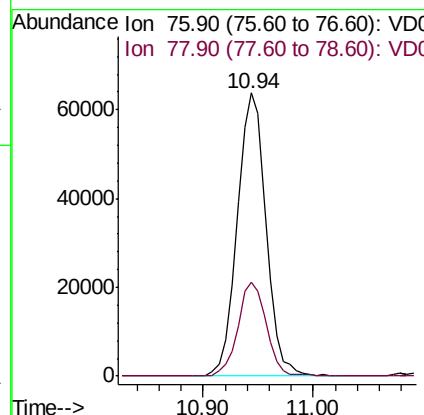
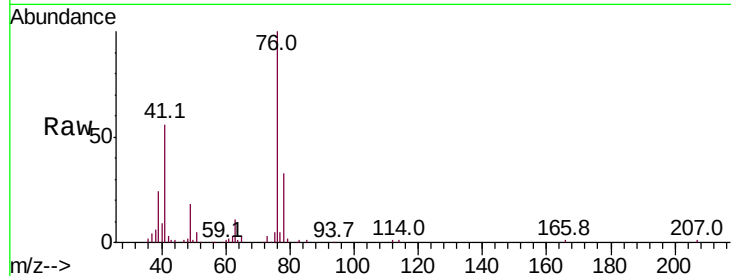




#57
 1,3-Dichloropropane
 Concen: 20.903 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

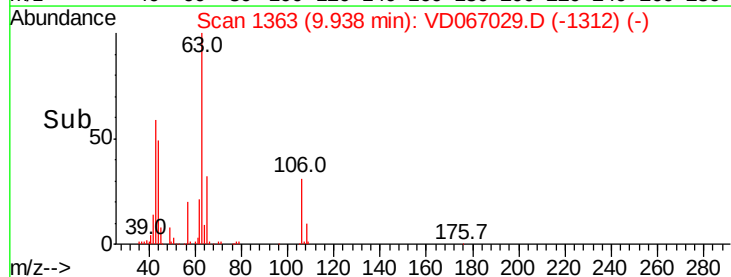
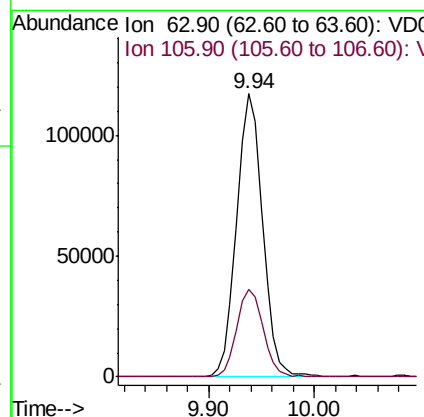
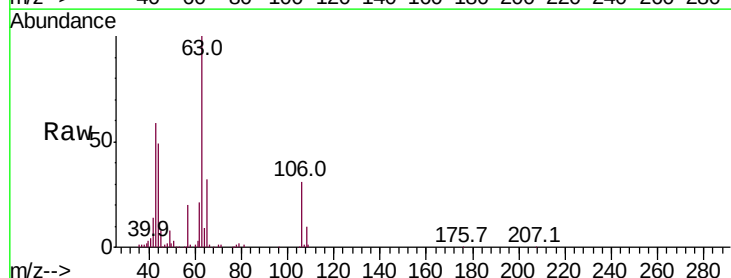
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS01

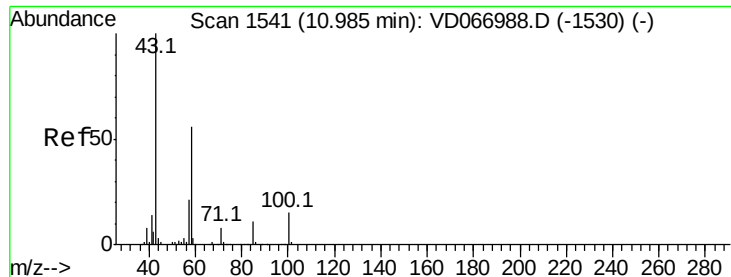
Tot Ion: 76 Resp: 116472
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.169 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

Tgt Ion: 63 Resp: 199759
 Ion Ratio Lower Upper
 63 100
 106 31.5 25.3 37.9





#59

2-Hexanone

Concen: 100.039 ug/l

RT: 10.98 min Scan# 1541

Delta R.T. 0.00 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

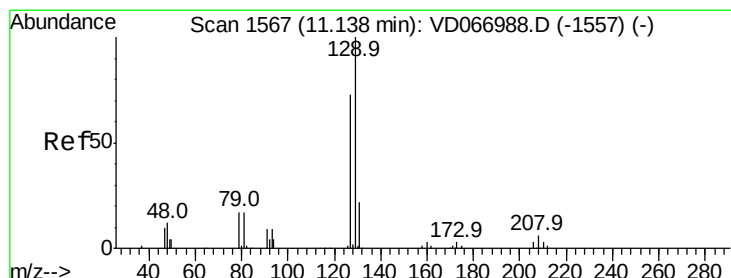
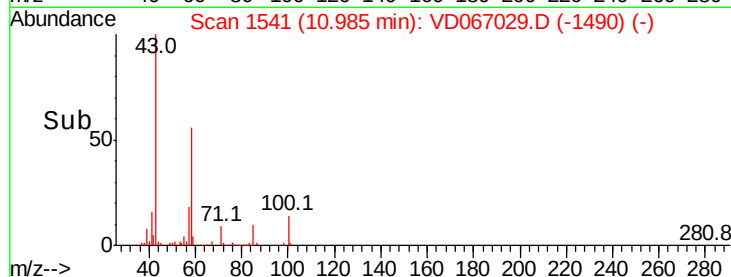
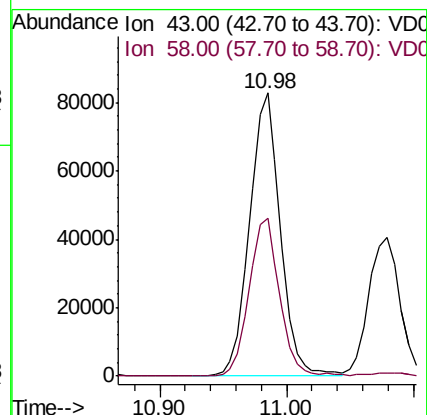
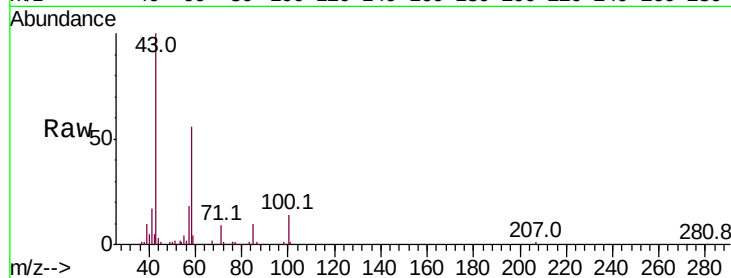
VD1002SBS01

Tot Ion: 43 Resp: 139851

Ion Ratio Lower Upper

43 100

58 55.2 28.3 84.9



#60

Dibromochloromethane

Concen: 20.839 ug/l

RT: 11.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VD067029.D

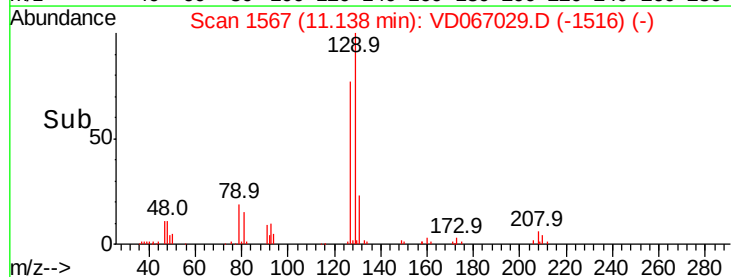
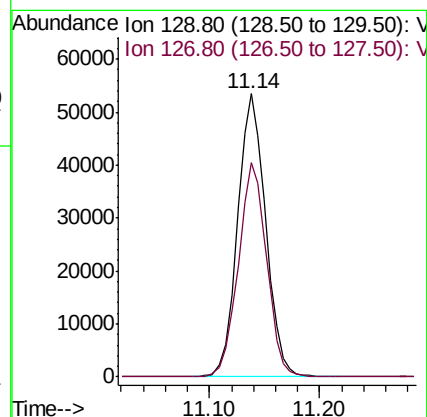
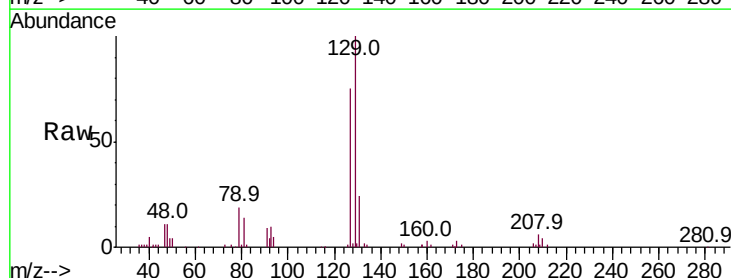
Acq: 02 Oct 2020 12:21

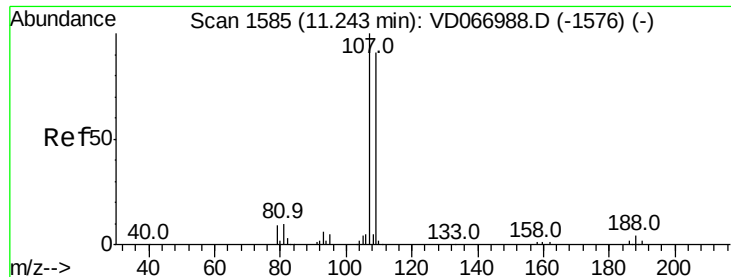
Tgt Ion: 129 Resp: 95437

Ion Ratio Lower Upper

129 100

127 76.2 37.4 112.1

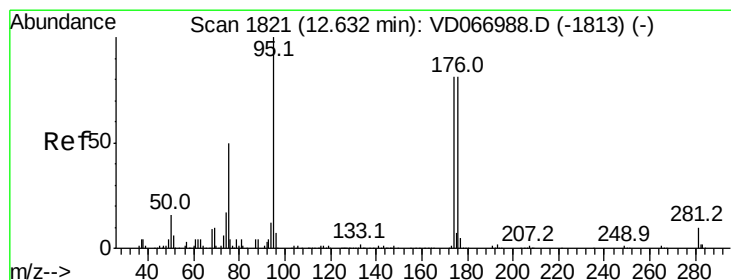
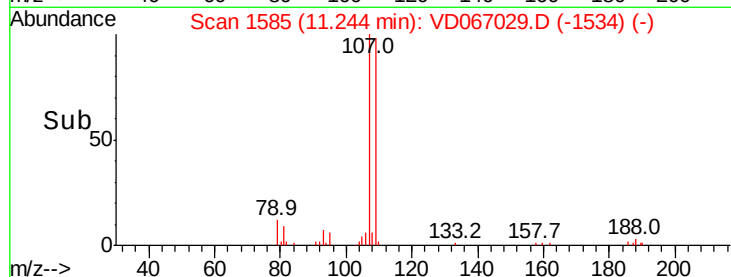
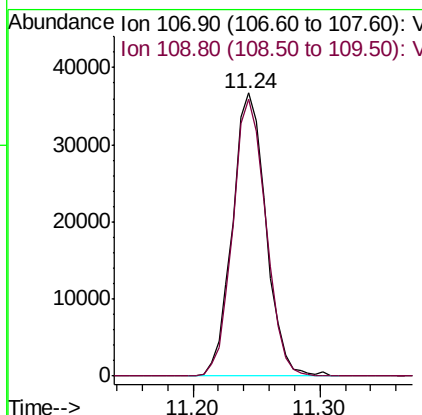
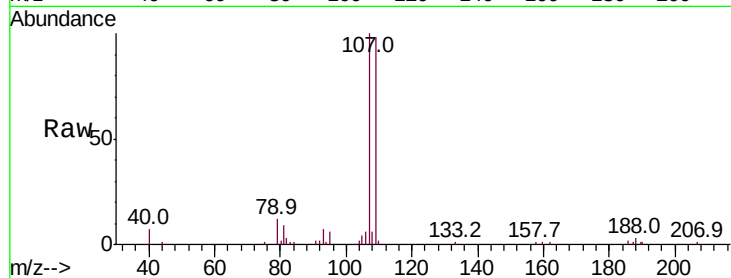




#61
 1,2-Dibromoethane
 Concen: 20.329 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

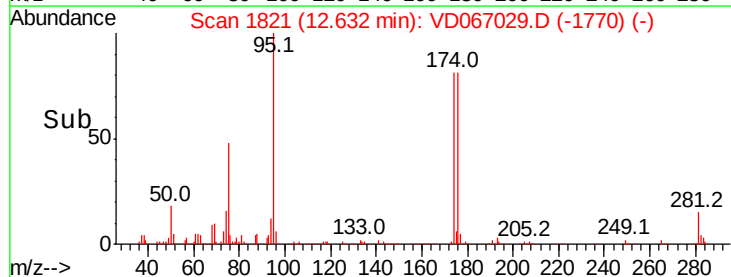
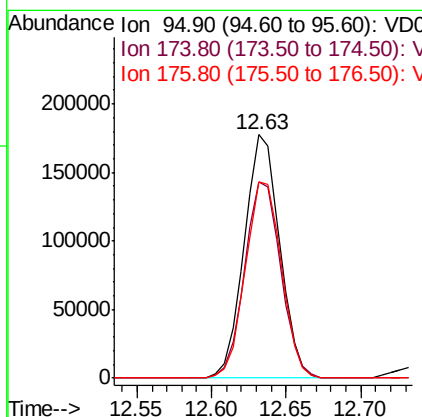
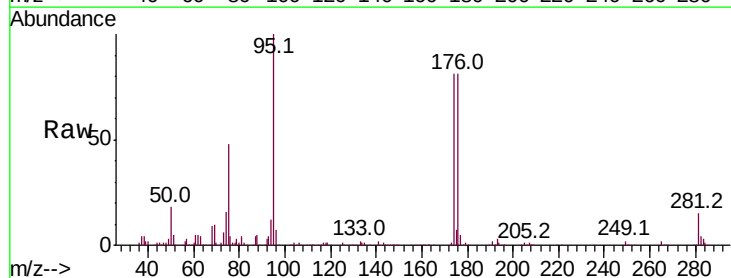
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS01

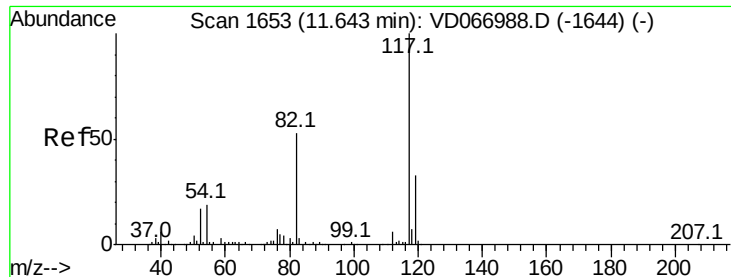
Tot Ion:107 Resp: 67107
 Ion Ratio Lower Upper
 107 100
 109 96.3 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 50.914 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

Tgt Ion: 95 Resp: 291466
 Ion Ratio Lower Upper
 95 100
 174 82.6 0.0 167.6
 176 82.3 0.0 162.4

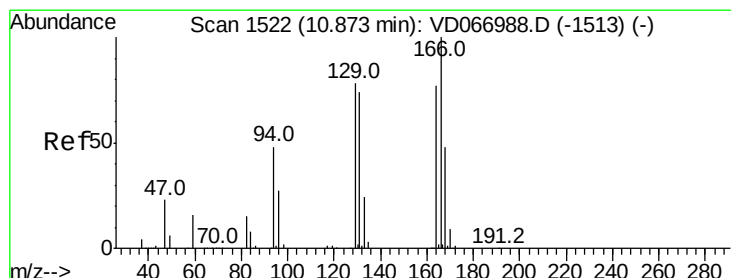
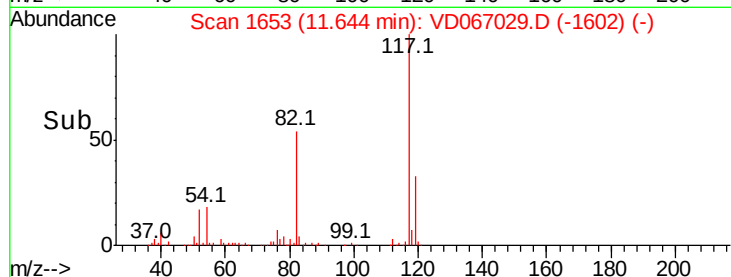
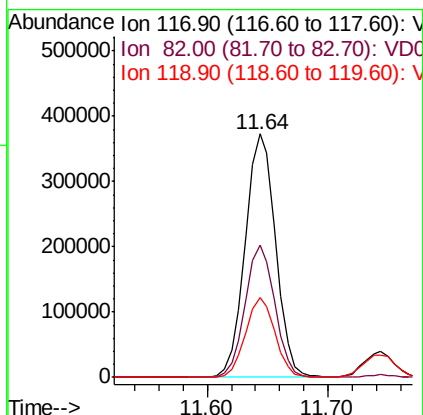
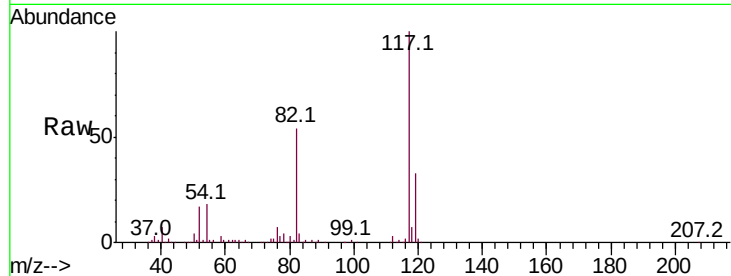




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

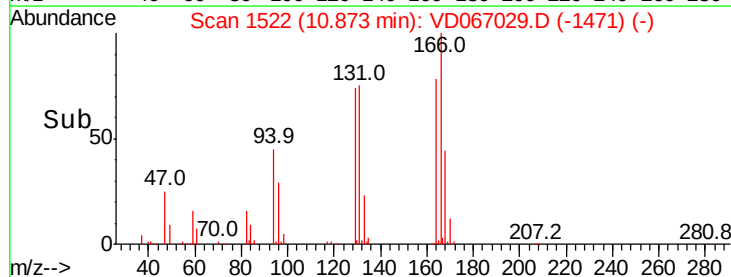
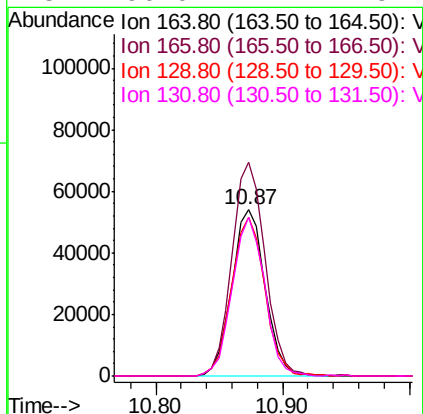
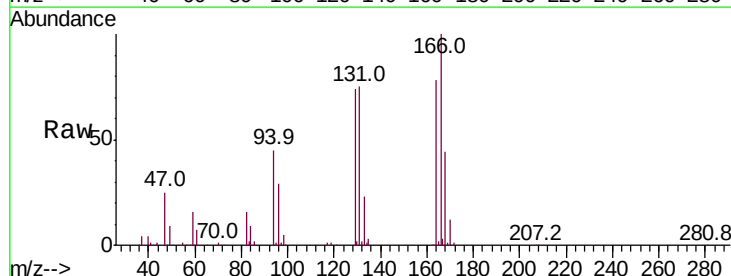
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS01

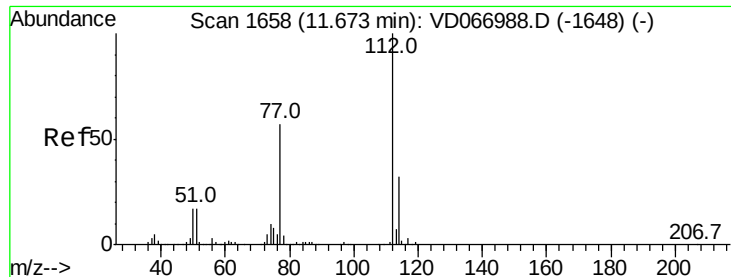
Tot Ion:117 Resp: 657874
Ion Ratio Lower Upper
117 100
82 54.2 42.6 63.8
119 32.9 26.3 39.5



#64
Tetrachloroethene
Concen: 20.460 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

Tgt Ion:164 Resp: 97856
Ion Ratio Lower Upper
164 100
166 128.6 104.4 156.6
129 95.3 81.3 121.9
131 96.0 77.1 115.7





#65

Chlorobenzene

Concen: 20.695 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

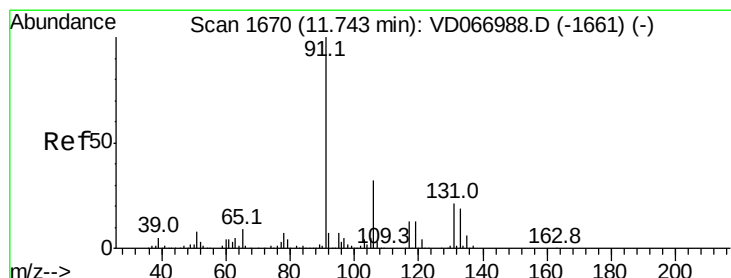
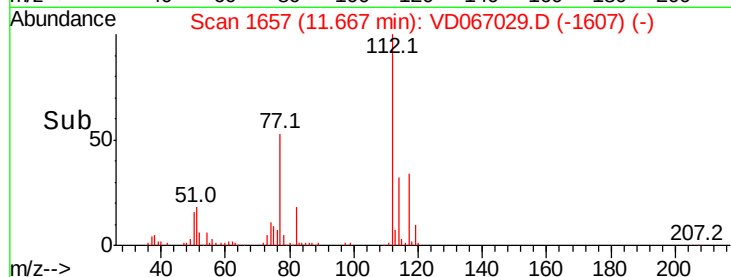
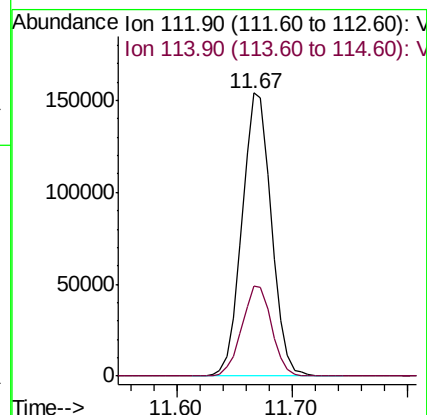
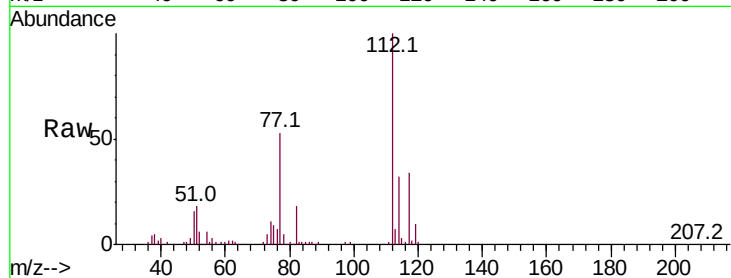
VD1002SBS01

Tot Ion:112 Resp: 270772

Ion Ratio Lower Upper

112 100

114 31.9 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 20.707 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

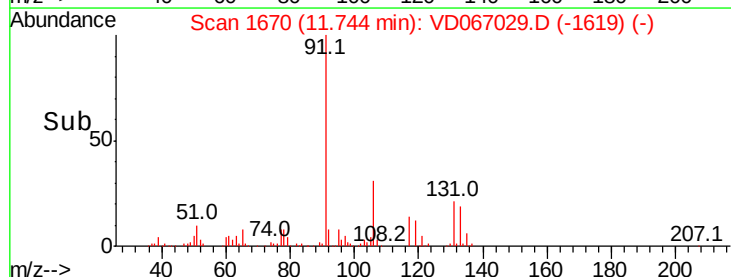
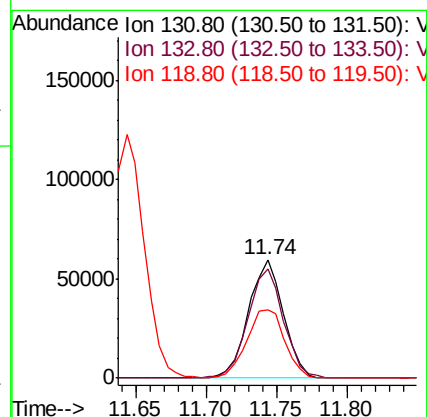
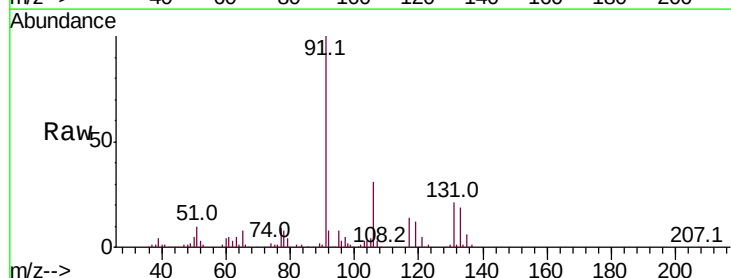
Tgt Ion:131 Resp: 103059

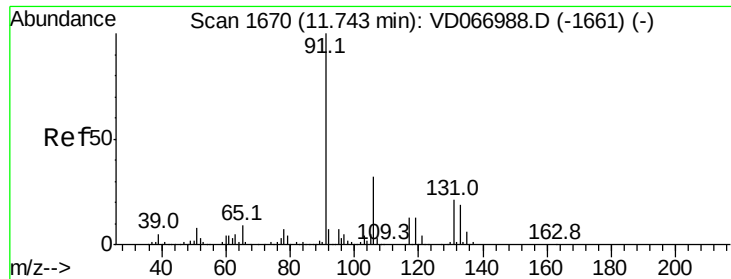
Ion Ratio Lower Upper

131 100

133 94.6 47.8 143.3

119 63.5 32.3 96.8

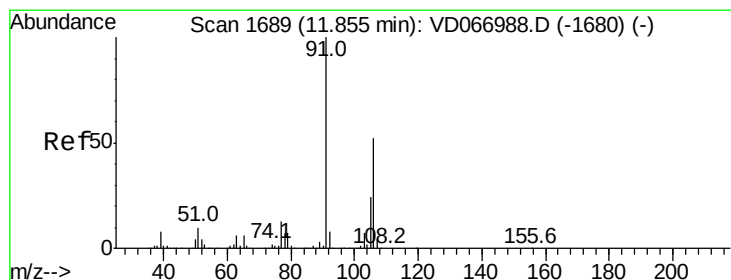
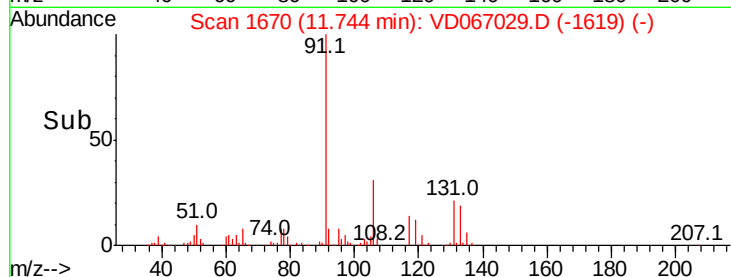
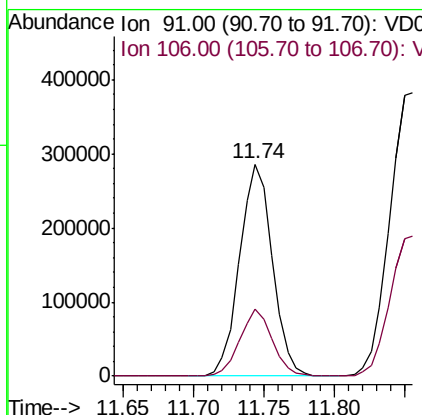
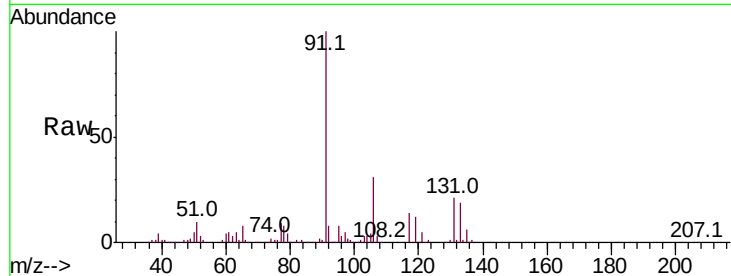




#67
Ethyl Benzene
Concen: 20.815 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

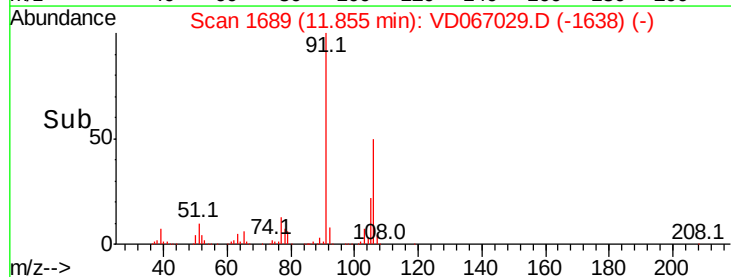
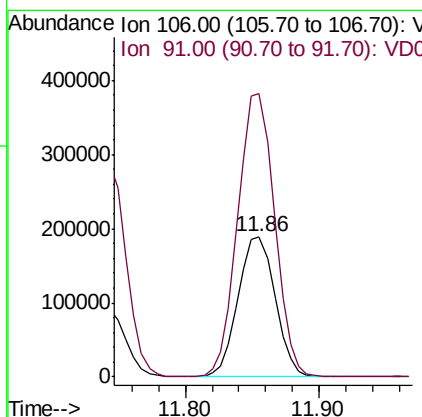
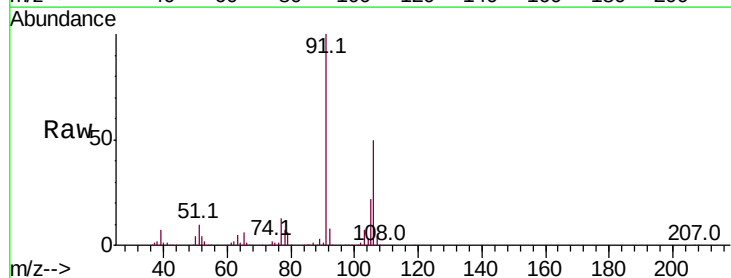
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS01

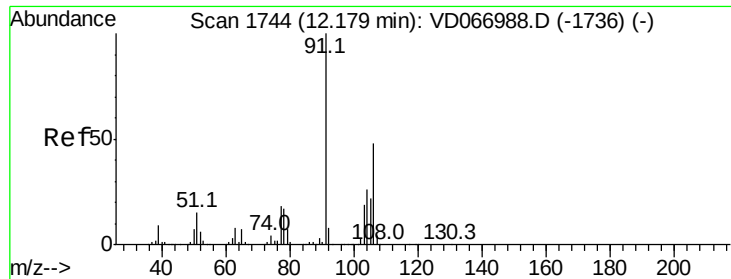
Tot Ion: 91 Resp: 466653
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2



#68
m/p-Xylenes
Concen: 41.935 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

Tgt Ion: 106 Resp: 366382
Ion Ratio Lower Upper
106 100
91 200.3 158.4 237.6

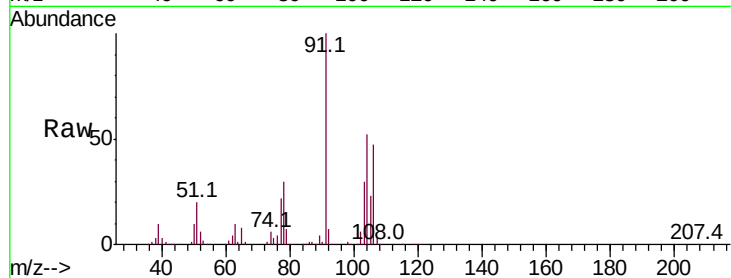




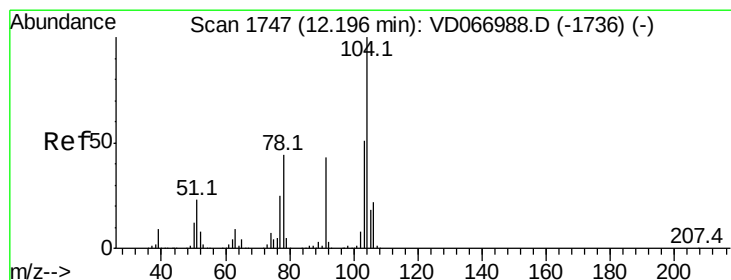
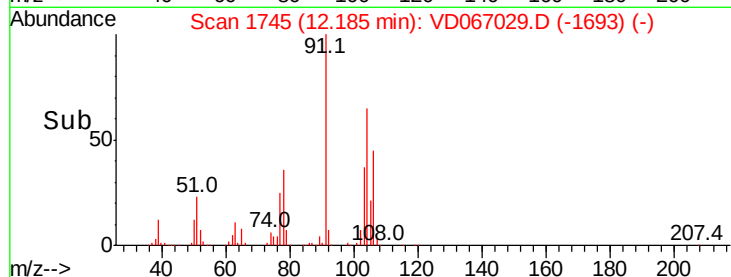
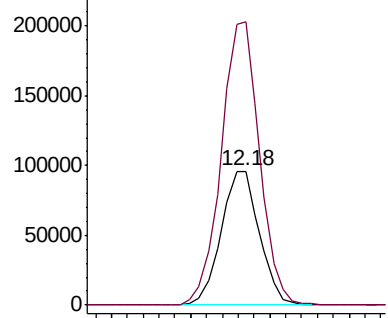
#69
o-Xylene
Concen: 20.699 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS01

Tot Ion:106 Resp: 161723
Ion Ratio Lower Upper
106 100
91 210.7 102.4 307.2

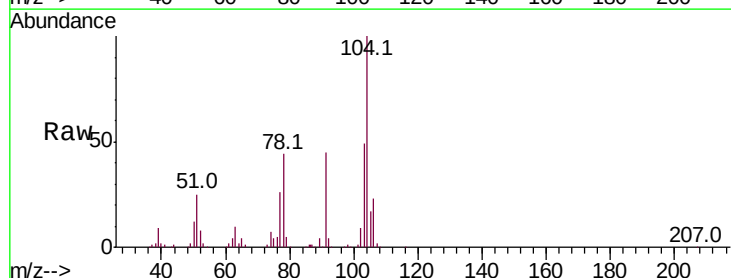


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

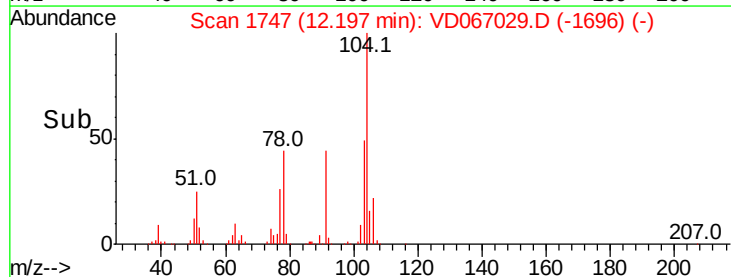
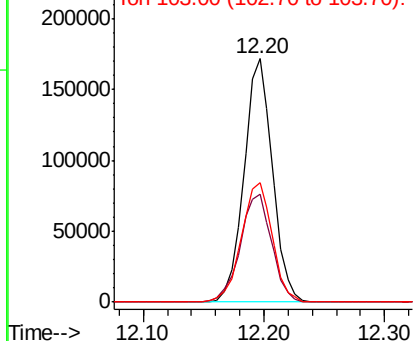


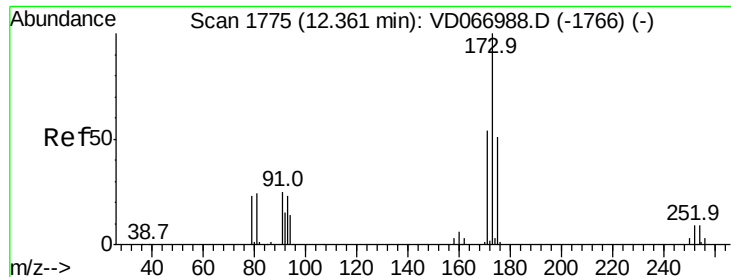
#70
Styrene
Concen: 21.037 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

Tgt Ion:104 Resp: 282236
Ion Ratio Lower Upper
104 100
78 49.0 38.6 58.0
103 53.5 43.4 65.0



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





#71

Bromoform

Concen: 20.438 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS01

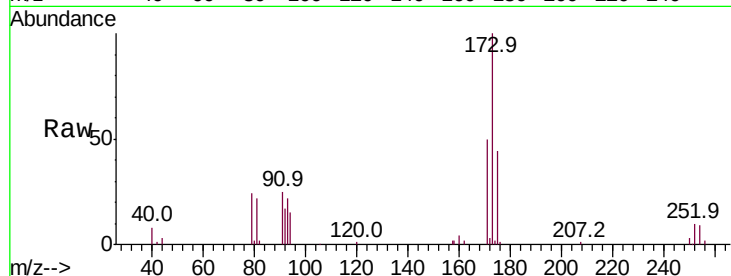
Tot Ion:173 Resp: 52802

Ion Ratio Lower Upper

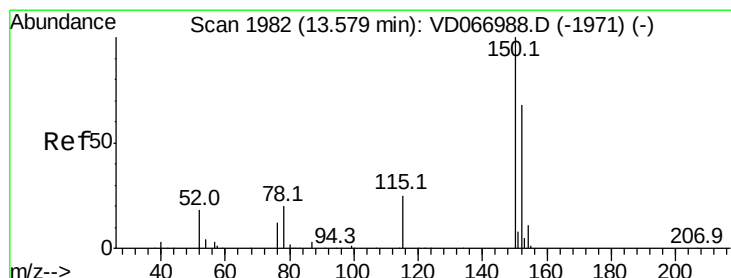
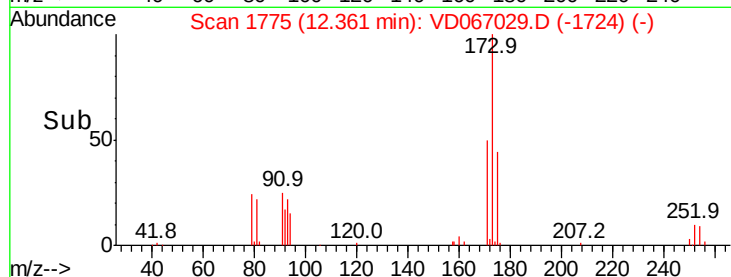
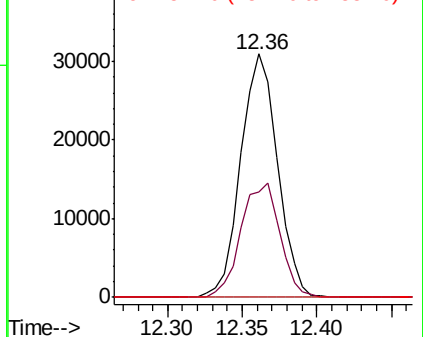
173 100

175 49.7 24.9 74.7

254 0.0 0.2 0.4#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

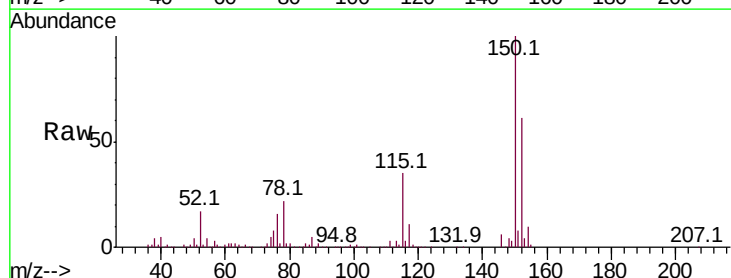
Tgt Ion:152 Resp: 319580

Ion Ratio Lower Upper

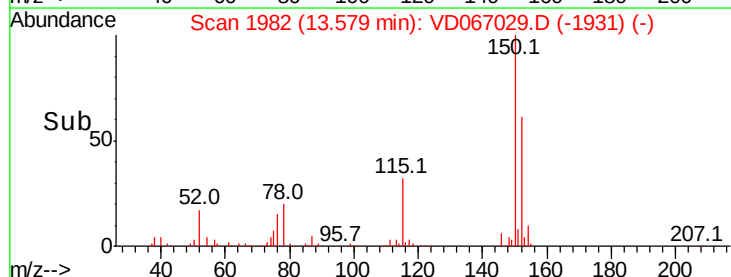
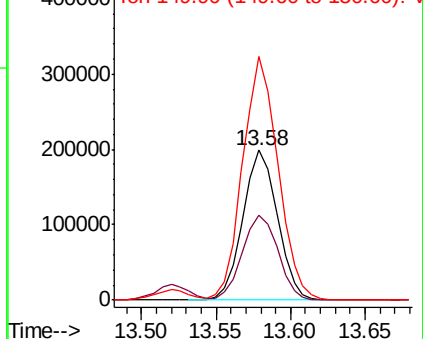
152 100

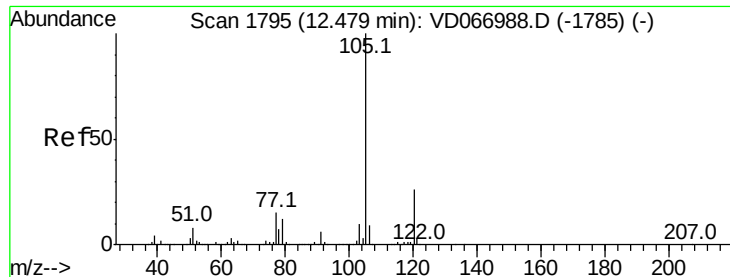
115 58.4 29.6 88.8

150 166.2 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.186 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

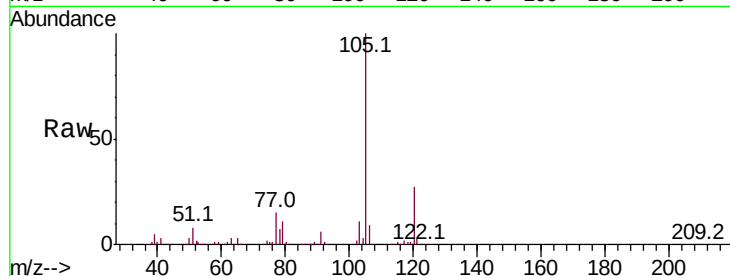
VD1002SBS01

Tot Ion:105 Resp: 459744

Ion Ratio Lower Upper

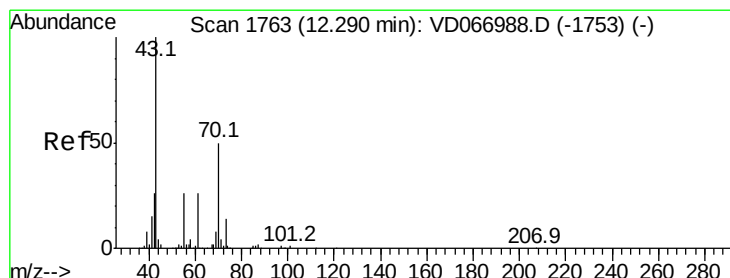
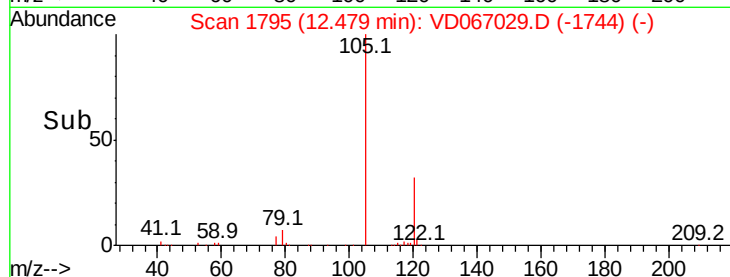
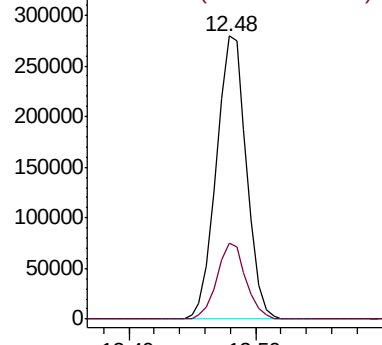
105 100

120 26.0 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.383 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Tgt Ion: 43 Resp: 75613

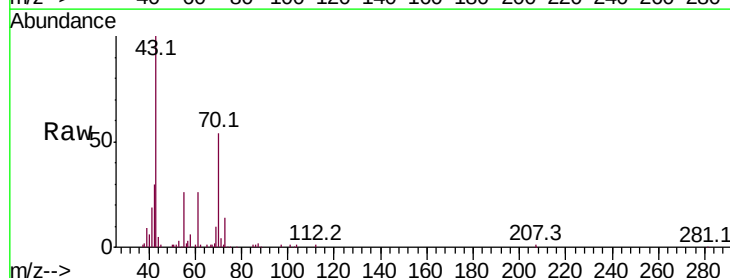
Ion Ratio Lower Upper

43 100

70 49.4 38.2 57.2

55 27.5 22.4 33.6

61 24.1 20.6 31.0

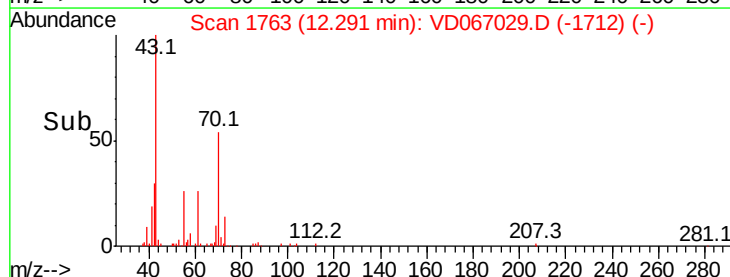
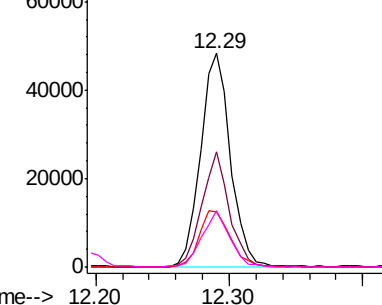


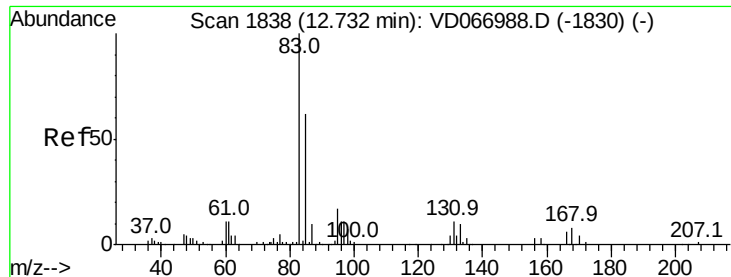
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.113 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS01

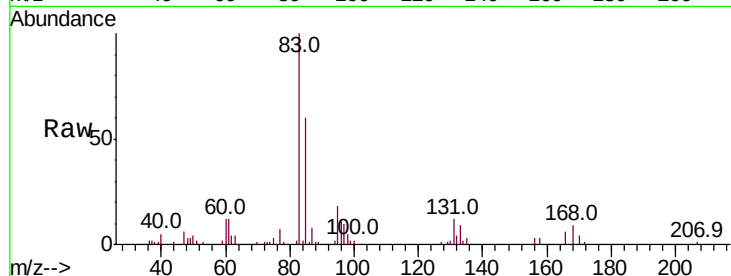
Tot Ion: 83 Resp: 73536

Ion Ratio Lower Upper

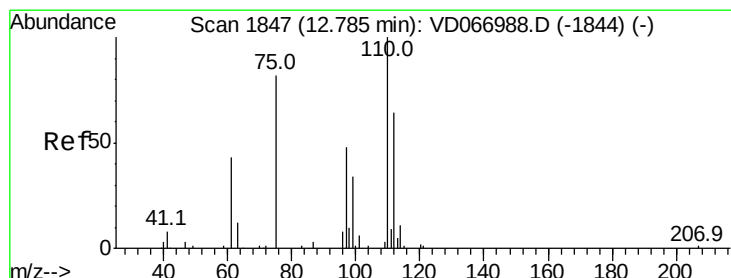
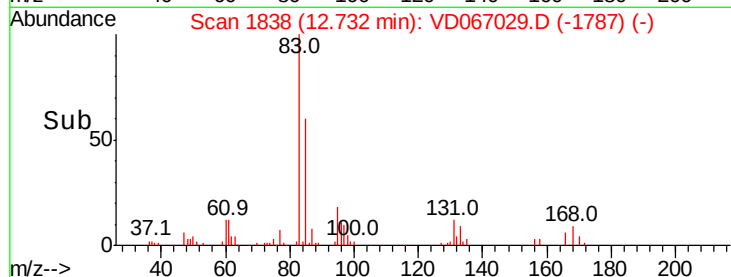
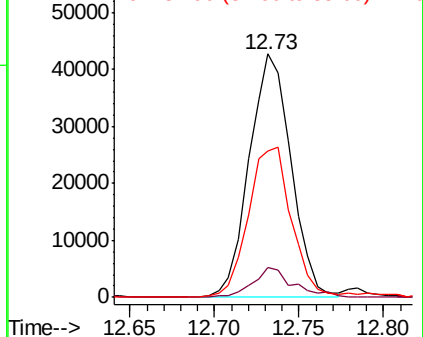
83 100

131 11.7 5.7 17.0

85 63.5 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: 33.938 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067029.D

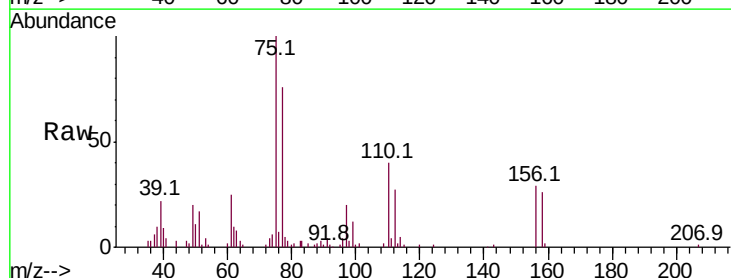
Acq: 02 Oct 2020 12:21

Tgt Ion: 75 Resp: 94471

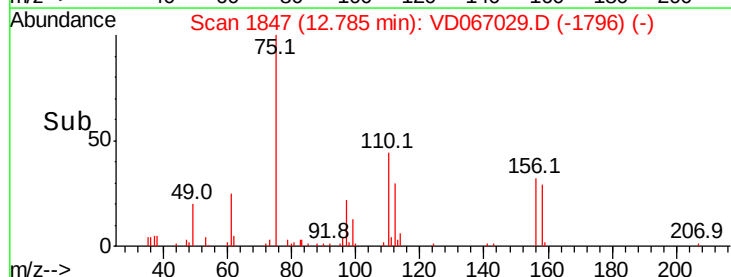
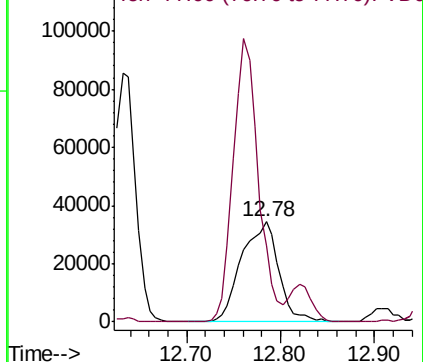
Ion Ratio Lower Upper

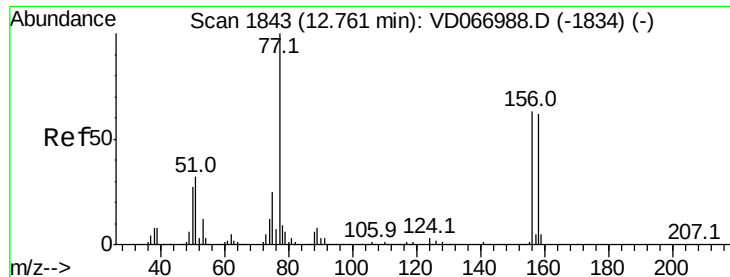
75 100

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

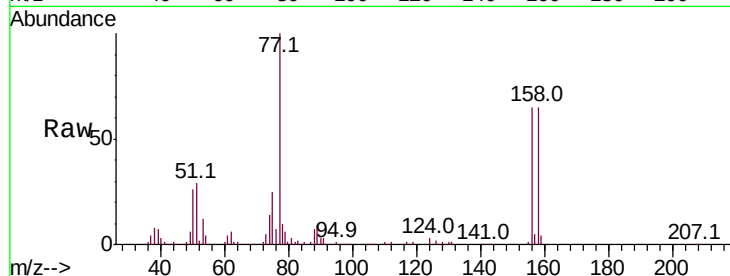




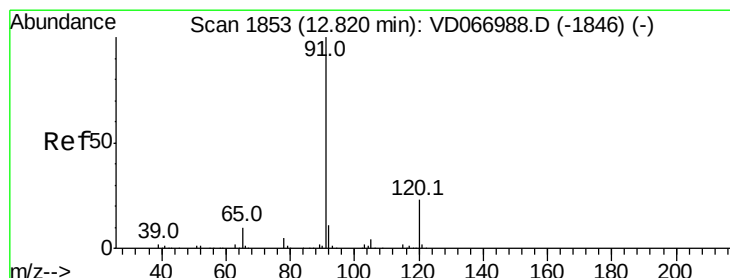
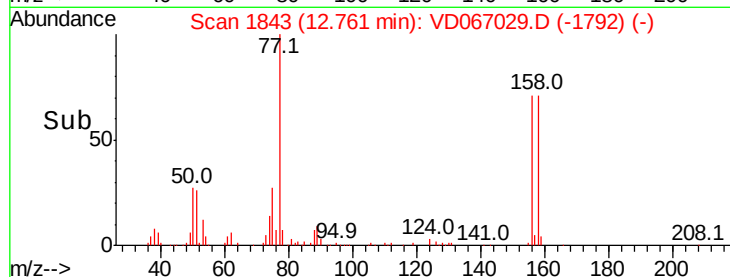
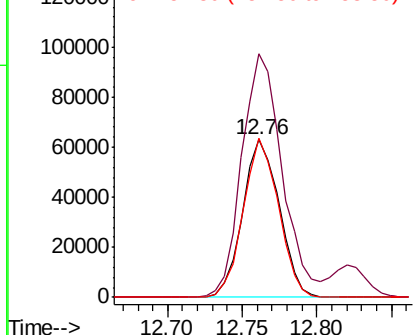
#77
Bromobenzene
Concen: 20.426 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS01

Tot Ion:156 Resp: 107028
Ion Ratio Lower Upper
156 100
77 171.0 86.3 258.8
158 96.7 49.5 148.3

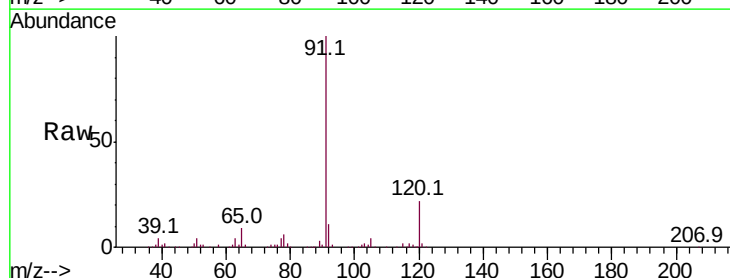


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

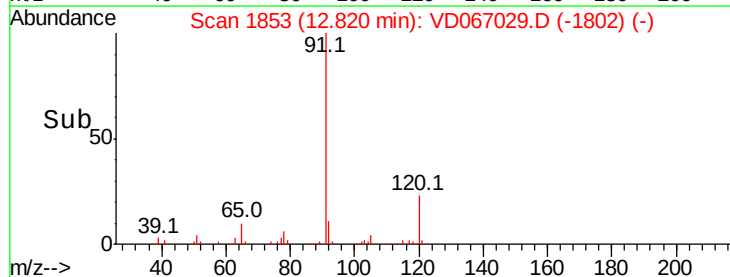
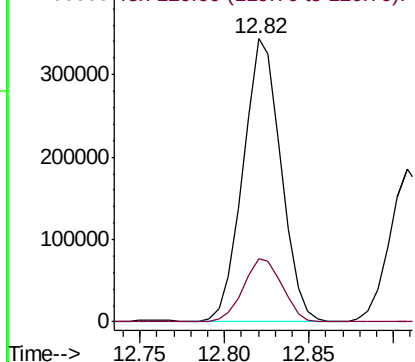


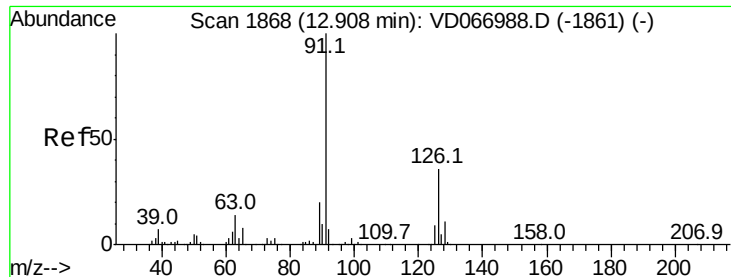
#78
n-propylbenzene
Concen: 20.909 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

Tgt Ion: 91 Resp: 536221
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.00 (119.70 to 120.70): V

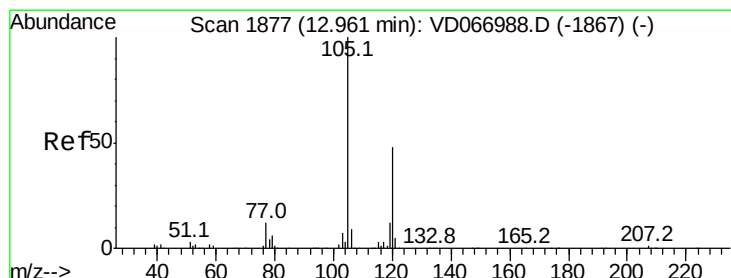
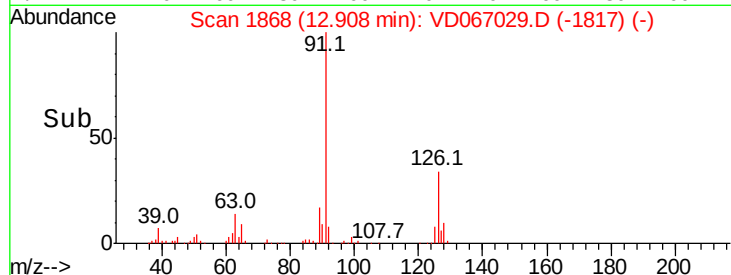
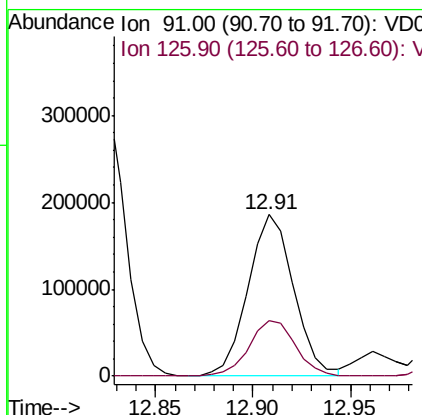
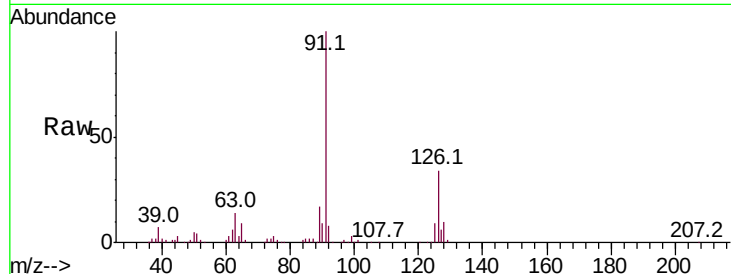




#79
 2-Chlorotoluene
 Concen: 20.508 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

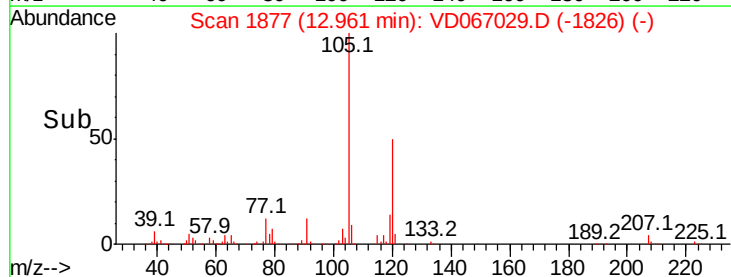
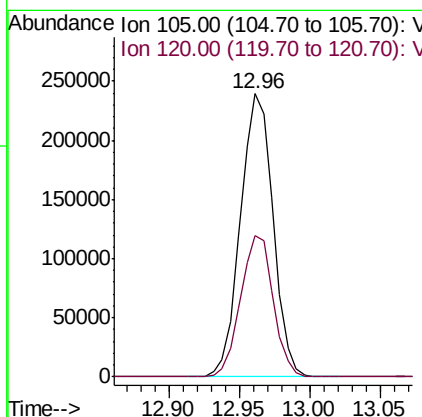
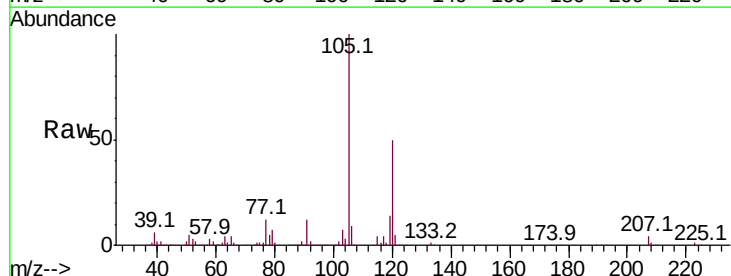
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS01

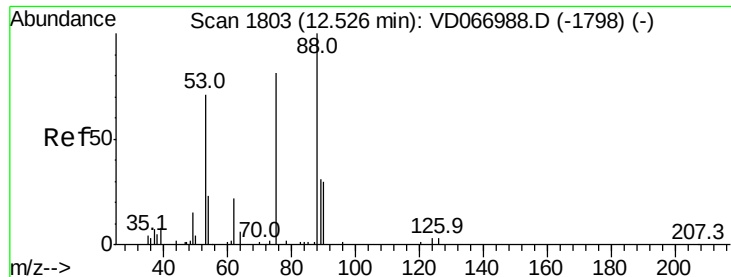
Tot Ion: 91 Resp: 300918
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 21.066 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

Tgt Ion: 105 Resp: 386220
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.428 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS01

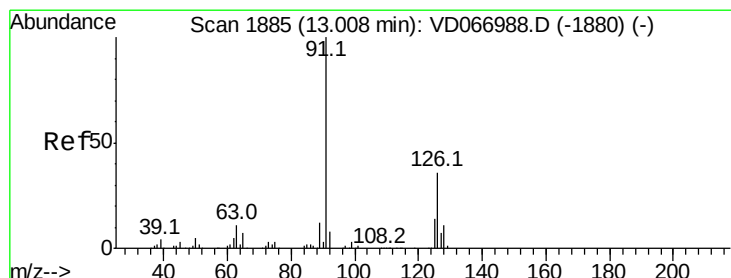
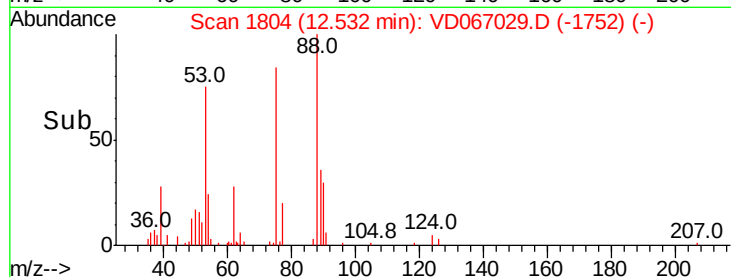
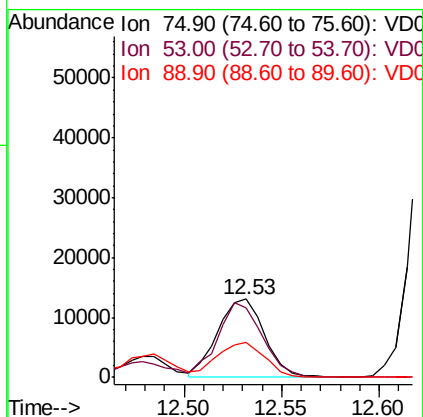
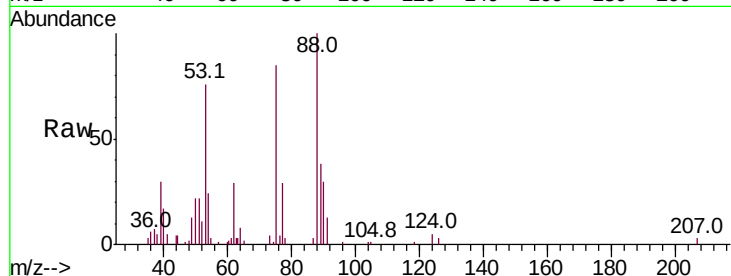
Tot Ion: 75 Resp: 21692

Ion Ratio Lower Upper

75 100

53 90.9 73.8 110.6

89 45.7 38.9 58.3



#82

4-Chlorotoluene

Concen: 20.648 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067029.D

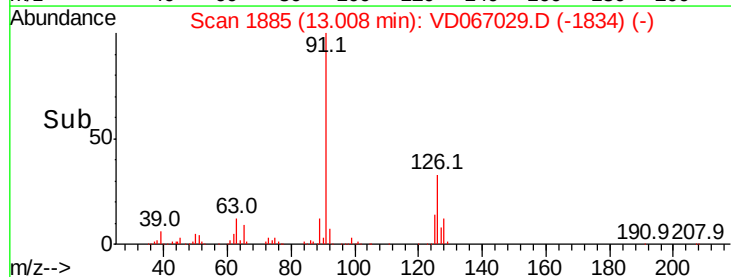
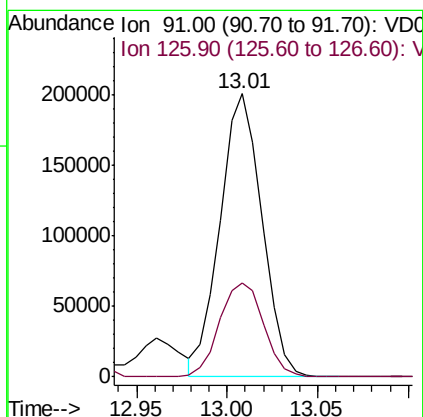
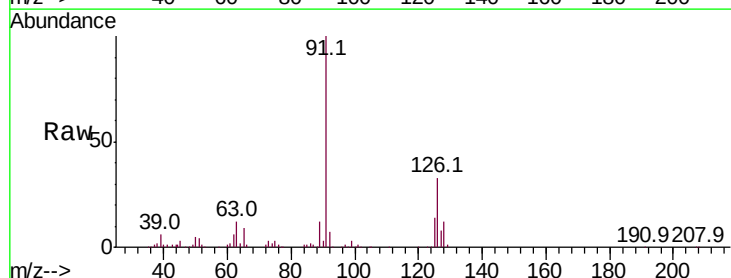
Acq: 02 Oct 2020 12:21

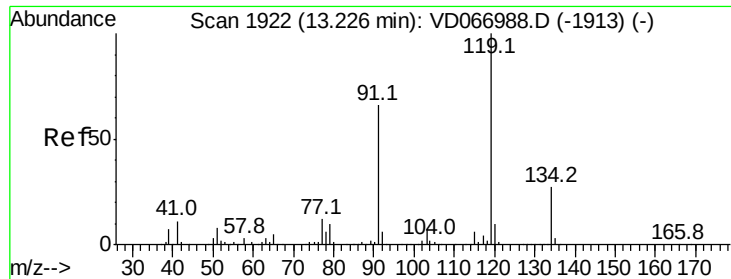
Tgt Ion: 91 Resp: 322335

Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.5

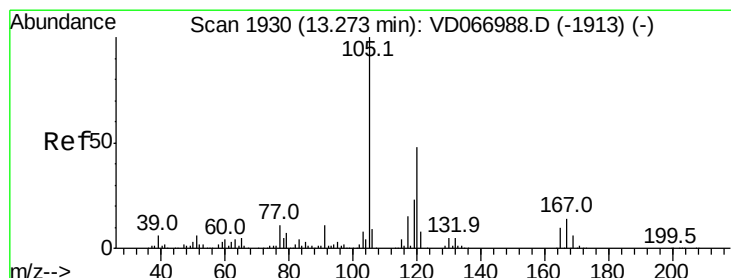
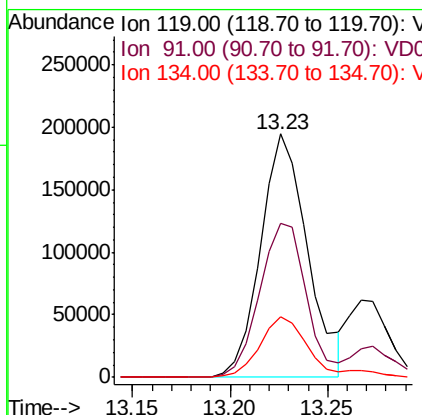
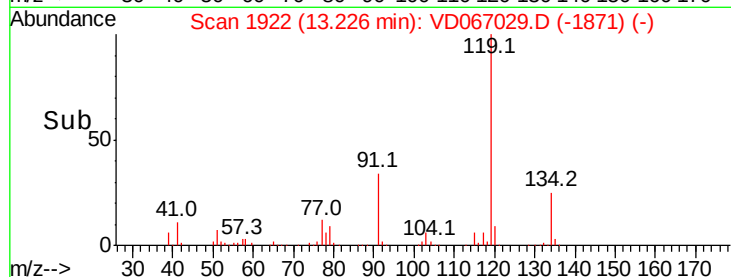
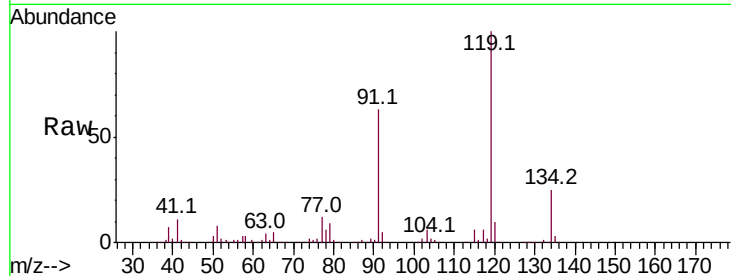




#83
tert-Butylbenzene
Concen: 21.053 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

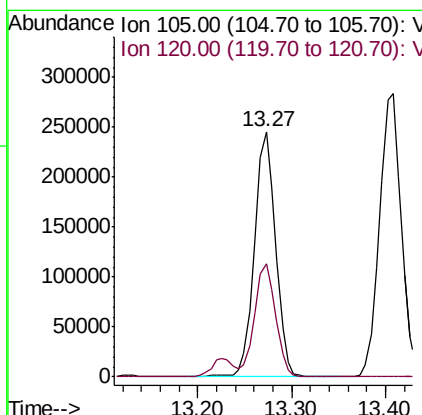
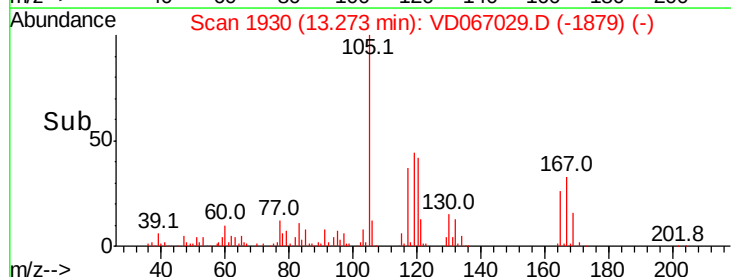
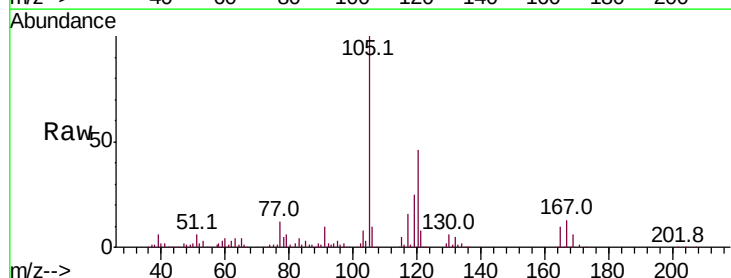
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS01

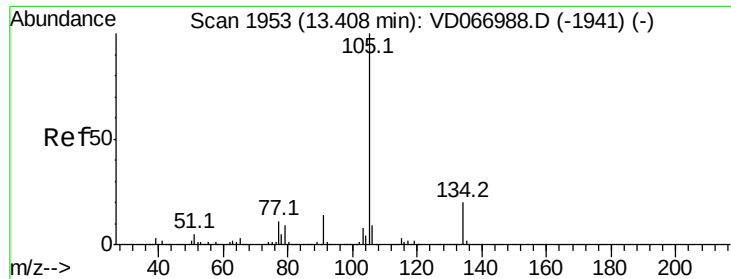
Tot Ion:119 Resp: 325035
Ion Ratio Lower Upper
119 100
91 62.9 32.8 98.3
134 25.0 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 20.927 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

Tgt Ion:105 Resp: 382896
Ion Ratio Lower Upper
105 100
120 45.9 23.3 69.8

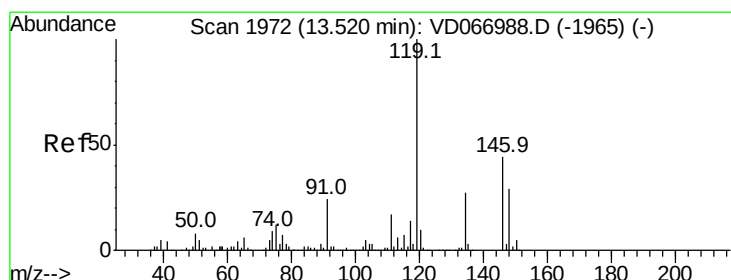
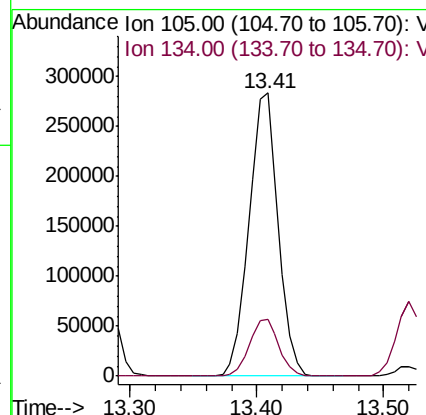
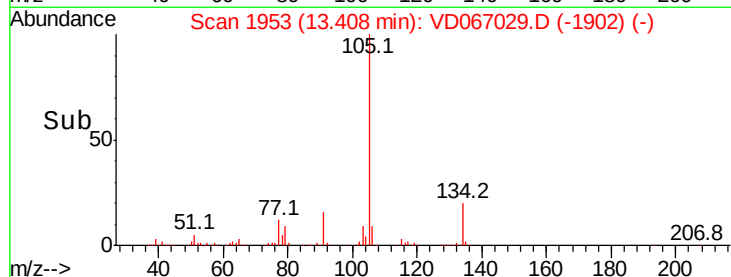
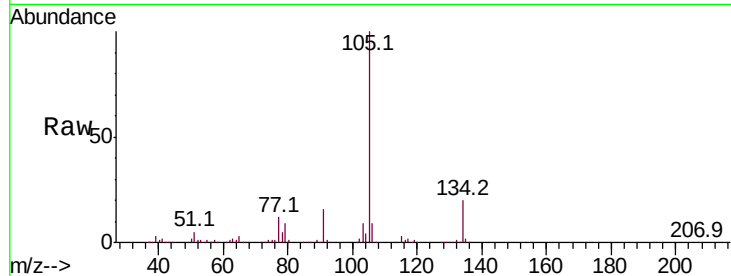




#85
 sec-Butylbenzene
 Concen: 20.871 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

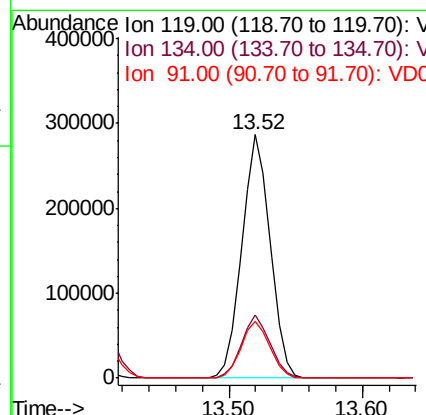
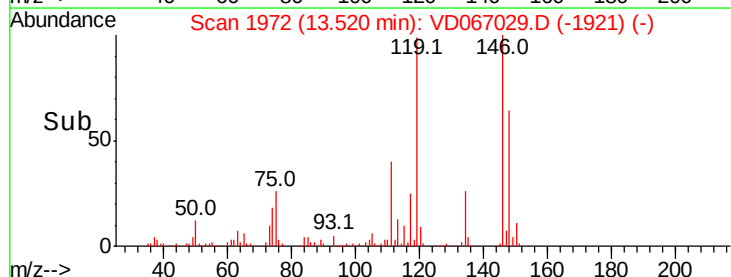
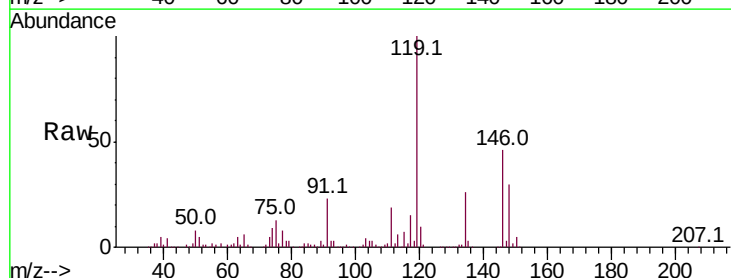
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS01

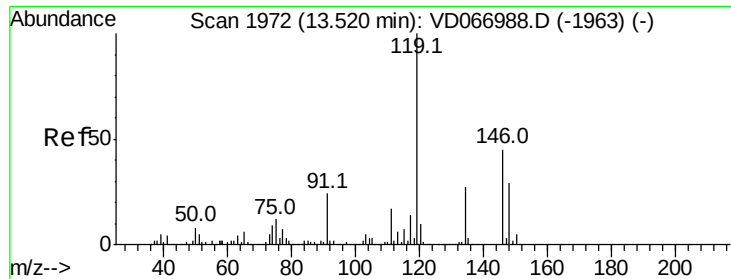
Tot Ion:105 Resp: 453773
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.840 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

Tgt Ion:119 Resp: 420070
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 23.4 11.7 35.1

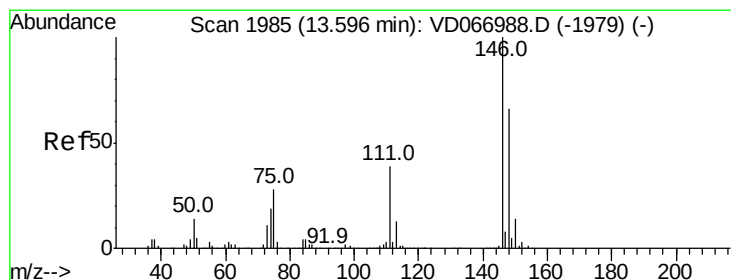
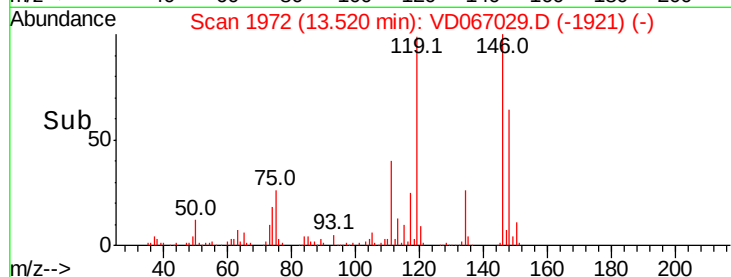
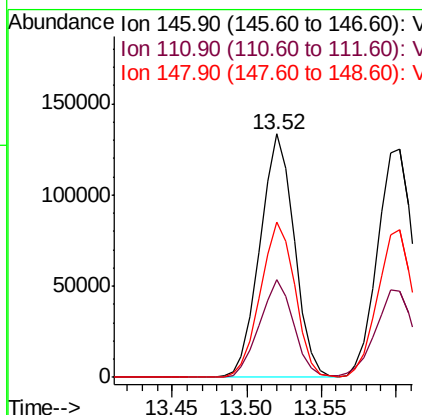
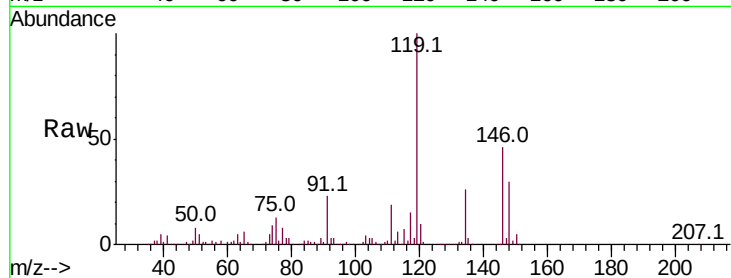




#87
 1,3-Dichlorobenzene
 Concen: 20.826 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

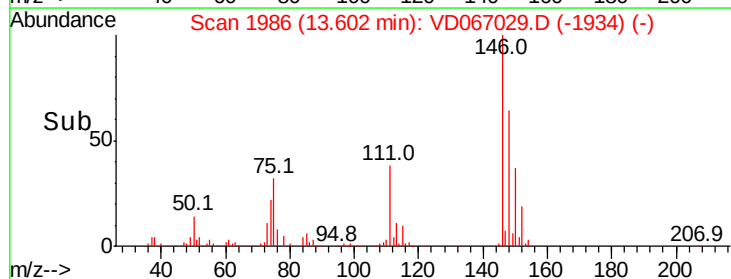
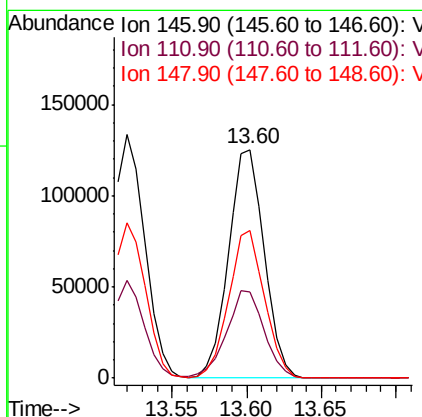
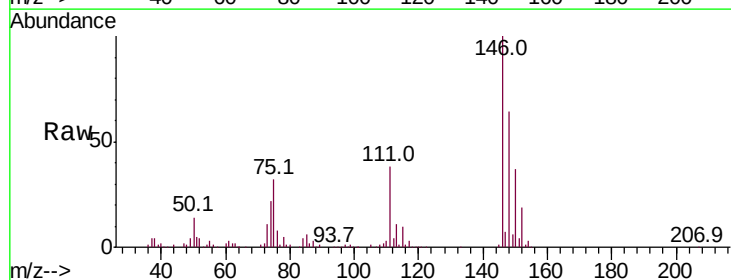
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS01

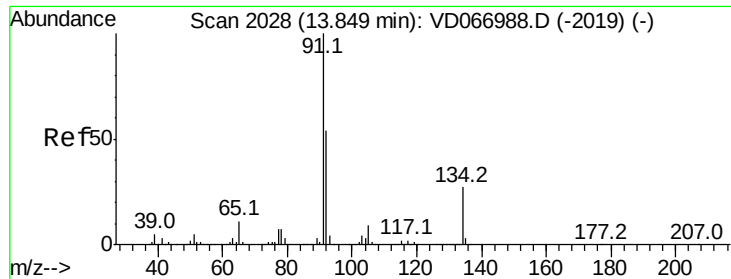
Tot Ion:146 Resp: 212555
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 60.0
 148 64.2 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.516 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

Tgt Ion:146 Resp: 209369
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.6 58.7
 148 64.3 32.6 97.7

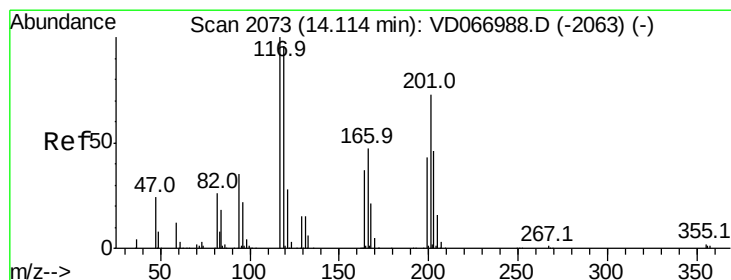
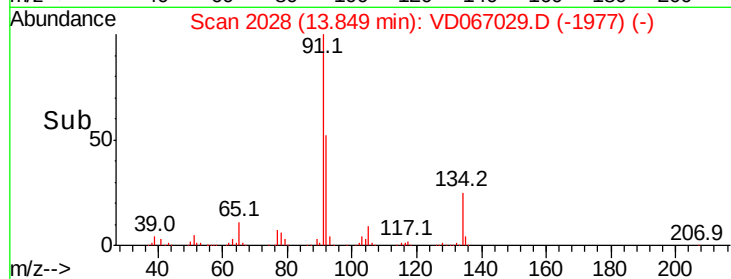
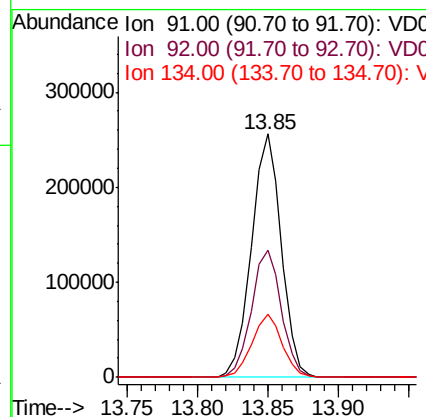
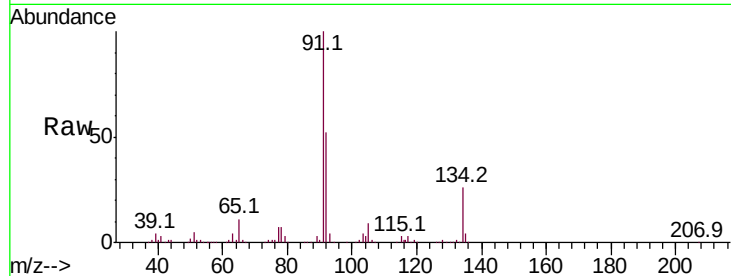




#89
n-Butylbenzene
Concen: 20.626 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

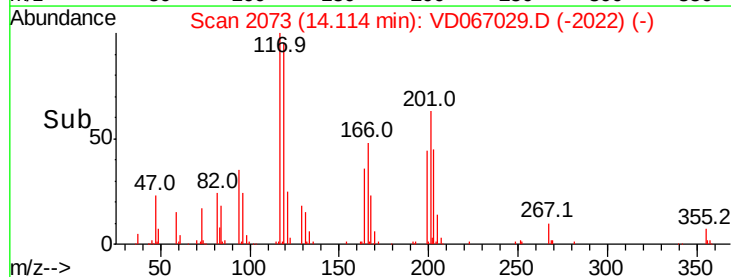
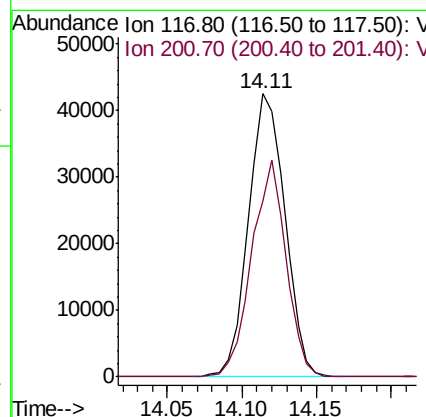
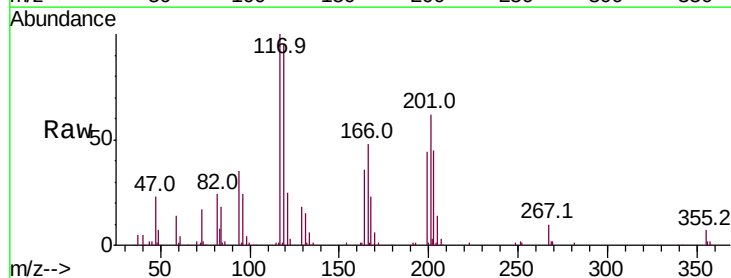
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBS01

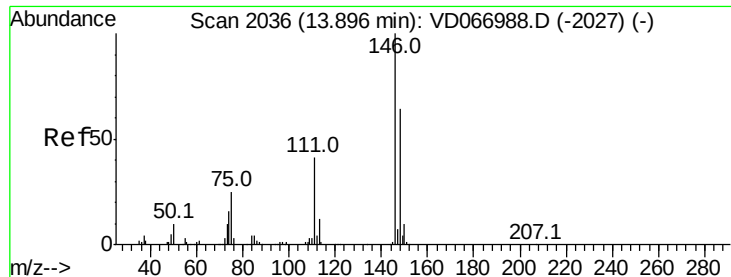
Tot Ion: 91 Resp: 379975
Ion Ratio Lower Upper
91 100
92 52.5 27.1 81.2
134 26.2 13.6 40.8



#90
Hexachloroethane
Concen: 20.402 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067029.D
Acq: 02 Oct 2020 12:21

Tgt Ion: 117 Resp: 72037
Ion Ratio Lower Upper
117 100
201 71.7 37.0 110.9

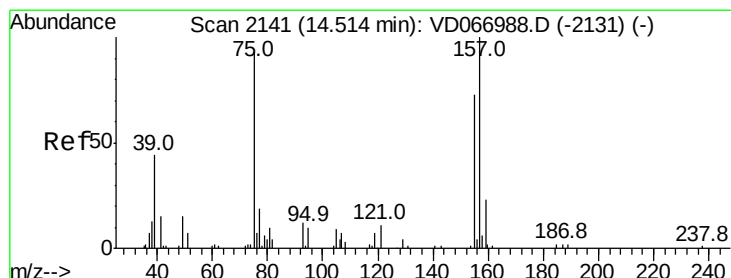
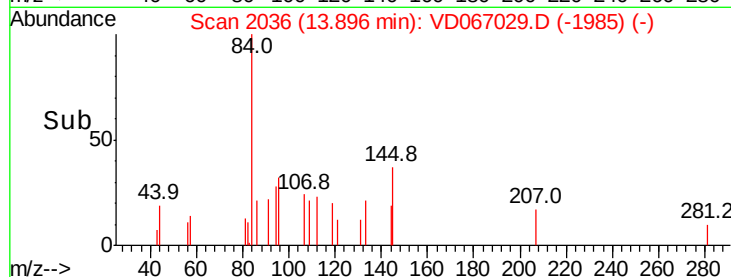
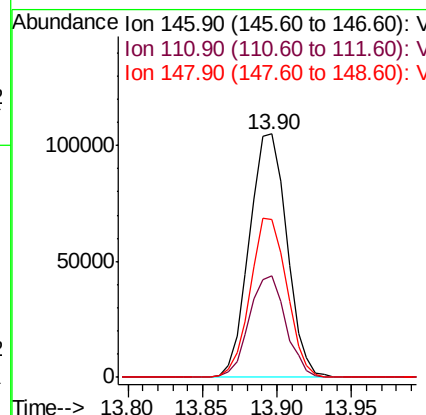
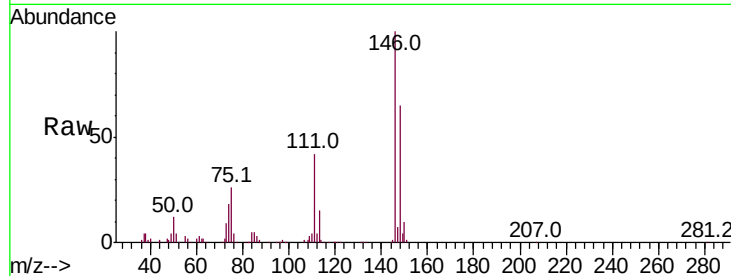




#91
 1,2-Dichlorobenzene
 Concen: 20.515 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

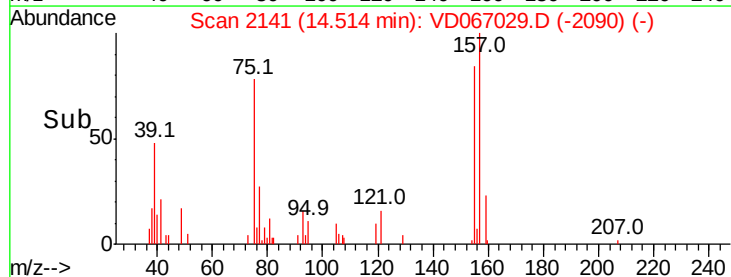
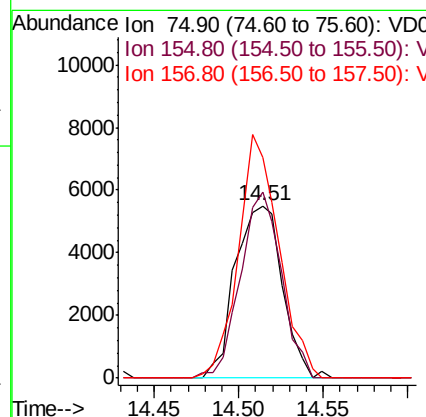
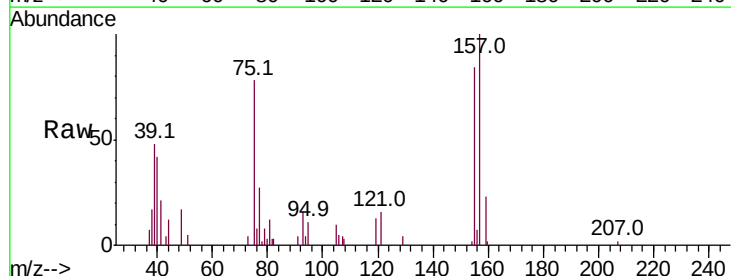
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS01

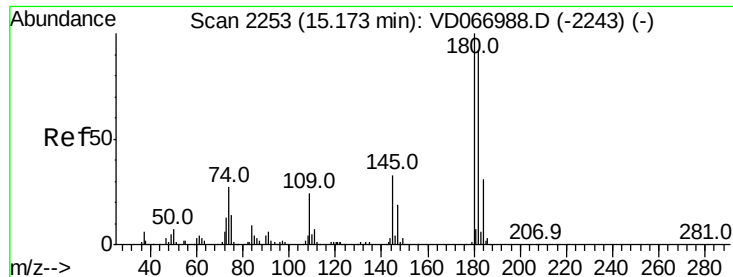
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.9	62.7
148	63.7	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.079 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.9	45.2	135.6
157	121.3	56.3	168.8

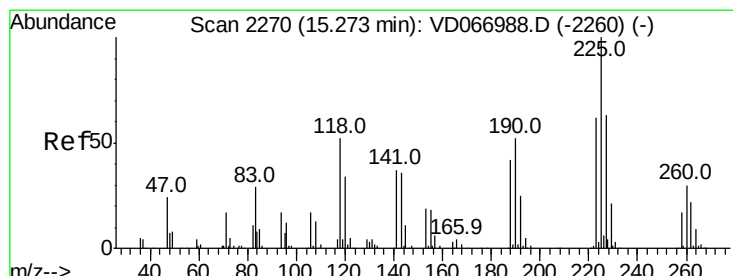
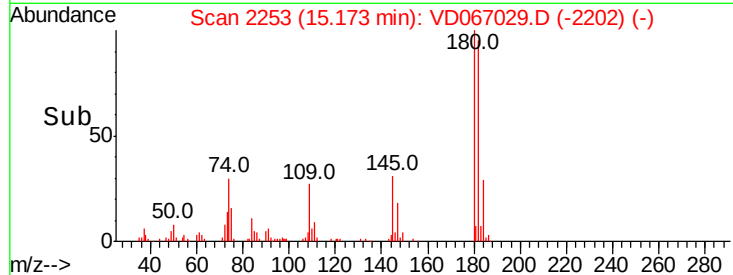
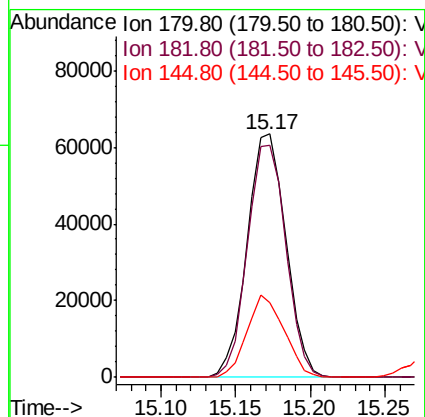
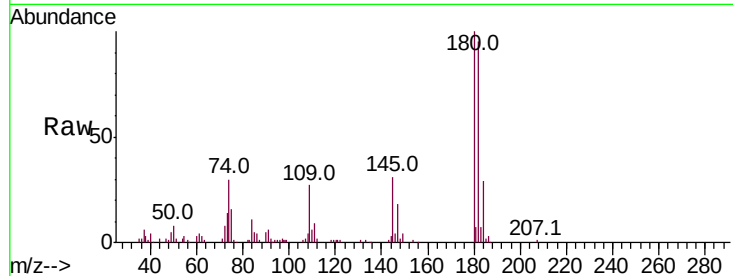




#93
 1,2,4-Trichlorobenzene
 Concen: 19.818 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

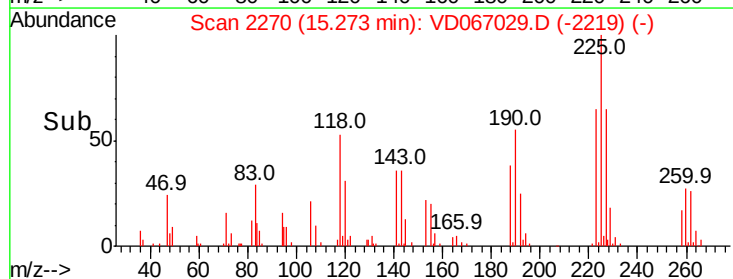
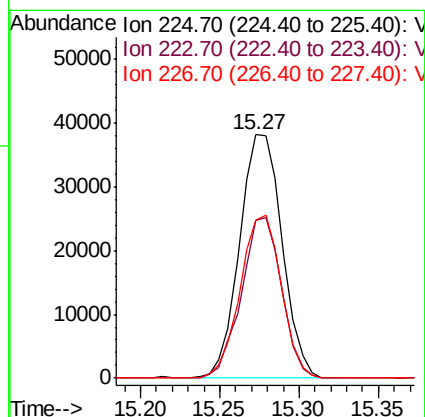
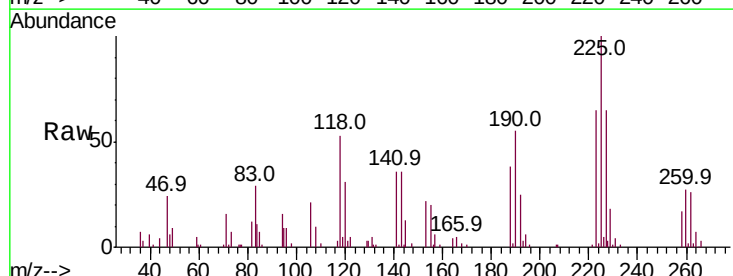
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS01

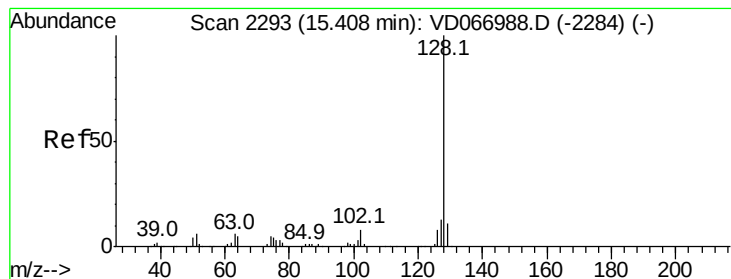
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	142.0
145	32.3	16.4	49.1



#94
 Hexachlorobutadiene
 Concen: 20.087 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067029.D
 Acq: 02 Oct 2020 12:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.4	97.0
227	64.7	31.6	95.0





#95

Naphthalene

Concen: 18.517 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBS01

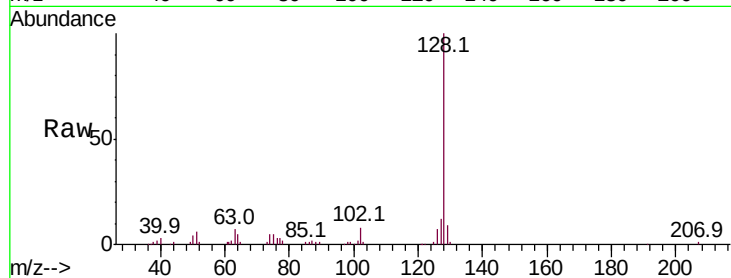
Tot Ion:128 Resp: 178071

Ion Ratio Lower Upper

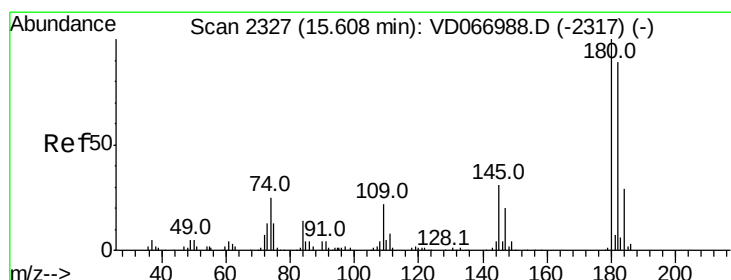
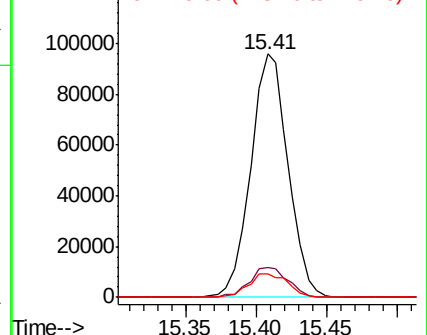
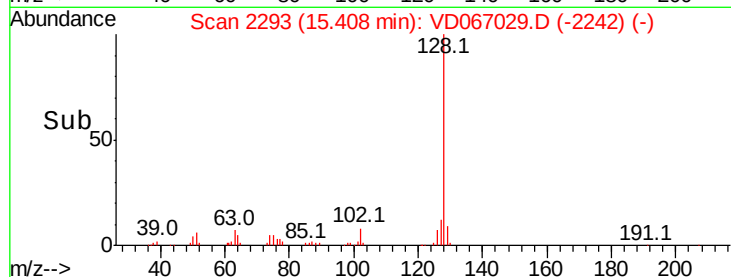
128 100

127 12.9 10.3 15.5

129 10.4 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 19.574 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VD067029.D

Acq: 02 Oct 2020 12:21

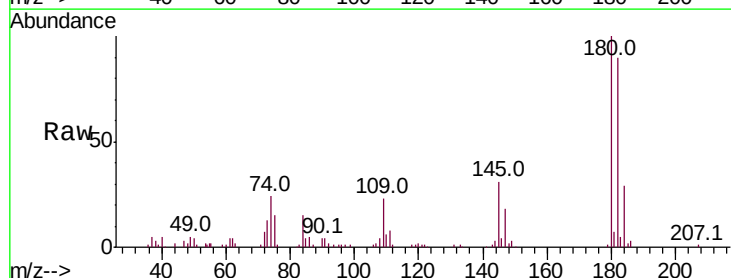
Tgt Ion:180 Resp: 97966

Ion Ratio Lower Upper

180 100

182 96.4 46.4 139.1

145 35.1 16.6 49.7



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

