

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101920\
 Data File : VD067306.D
 Acq On : 19 Oct 2020 13:56
 Operator : VA/SY
 Sample : VD1019SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

Quant Time: Oct 20 01:13:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	306462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	457645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	434208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	218793	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	160128	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
35) Dibromofluoromethane	7.92	113	157468	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
50) Toluene-d8	10.34	98	572187	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.64	95	208161	54.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	53503	19.042	ug/l	92
3) Chloromethane	2.21	50	38046	19.726	ug/l	96
4) Vinyl Chloride	2.34	62	41219	19.478	ug/l	95
5) Bromomethane	2.76	94	30784	19.470	ug/l	92
6) Chloroethane	2.92	64	26096	19.801	ug/l	100
7) Trichlorofluoromethane	3.27	101	110721	20.778	ug/l	96
8) Diethyl Ether	3.71	74	25370	20.806	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	59476	21.008	ug/l	99
10) Methyl Iodide	4.30	142	52262	20.011	ug/l	98
11) Tert butyl alcohol	5.23	59	22990	120.383	ug/l #	96
12) 1,1-Dichloroethene	4.06	96	51777	20.471	ug/l	91
13) Acrolein	3.93	56	11874	80.766	ug/l	94
14) Allyl chloride	4.71	41	56039	19.347	ug/l	96
15) Acrylonitrile	5.42	53	42730	105.021	ug/l	98
16) Acetone	4.16	43	46235	107.525	ug/l	94
17) Carbon Disulfide	4.41	76	142523	19.766	ug/l	100
18) Methyl Acetate	4.71	43	20129	20.524	ug/l	94
19) Methyl tert-butyl Ether	5.48	73	104767	20.832	ug/l	96
20) Methylene Chloride	4.96	84	60419	19.168	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	59622	20.484	ug/l	99
22) Diisopropyl ether	6.36	45	117523	22.211	ug/l	97
23) Vinyl Acetate	6.30	43	318959	105.956	ug/l	99
24) 1,1-Dichloroethane	6.26	63	96358	21.274	ug/l	98
25) 2-Butanone	7.21	43	50644	103.323	ug/l #	81
26) 2,2-Dichloropropane	7.21	77	97339	20.850	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	65409	20.504	ug/l	97
28) Bromochloromethane	7.55	49	31168	20.175	ug/l #	98
29) Tetrahydrofuran	7.56	42	30134	110.598	ug/l	97
30) Chloroform	7.71	83	112331	20.761	ug/l	93
31) Cyclohexane	7.99	56	69975	19.788	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	109050	20.541	ug/l	98
36) 1,1-Dichloropropene	8.11	75	81128	20.915	ug/l	100
37) Ethyl Acetate	7.30	43	23842	20.892	ug/l #	97
38) Carbon Tetrachloride	8.10	117	103974	20.973	ug/l	94

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	83212	20.521	ug/l	92
40) Benzene	8.35	78	224898	21.135	ug/l	98
41) Methacrylonitrile	7.53	41	13532	21.943	ug/l #	79
42) 1,2-Dichloroethane	8.43	62	71053	21.336	ug/l	99
43) Isopropyl Acetate	8.46	43	47210	20.848	ug/l	97
44) Trichloroethene	9.12	130	70131	20.584	ug/l	86
45) 1,2-Dichloropropane	9.39	63	51030	20.692	ug/l	92
46) Dibromomethane	9.48	93	31635	20.588	ug/l	95
47) Bromodichloromethane	9.67	83	86697	21.059	ug/l	94
48) Methyl methacrylate	9.46	41	24342	22.120	ug/l	94
49) 1,4-Dioxane	9.46	88	6602	426.575	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	122191	108.186	ug/l	98
52) Toluene	10.41	92	153944	21.240	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	77123	21.326	ug/l	93
54) cis-1,3-Dichloropropene	10.09	75	85088	20.104	ug/l	92
55) 1,1,2-Trichloroethane	10.80	97	44938	21.447	ug/l	96
56) Ethyl methacrylate	10.66	69	47142	21.694	ug/l	96
57) 1,3-Dichloropropane	10.95	76	73025	21.900	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	118121	105.959	ug/l	99
59) 2-Hexanone	10.99	43	85984	111.408	ug/l	99
60) Dibromochloromethane	11.14	129	64965	21.260	ug/l	97
61) 1,2-Dibromoethane	11.25	107	46015	22.276	ug/l	98
64) Tetrachloroethene	10.88	164	64122	20.382	ug/l	95
65) Chlorobenzene	11.67	112	171976	20.654	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	67099	20.276	ug/l	96
67) Ethyl Benzene	11.75	91	289485	20.282	ug/l	99
68) m/p-Xylenes	11.86	106	234069	42.586	ug/l	97
69) o-Xylene	12.18	106	105532	20.735	ug/l	92
70) Styrene	12.20	104	181952	20.767	ug/l	98
71) Bromoform	12.37	173	36191	20.357	ug/l #	96
73) Isopropylbenzene	12.48	105	299330	21.556	ug/l	99
74) N-amyl acetate	12.30	43	45805	21.841	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	47199	22.183	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	62334	41.105	ug/l #	100
77) Bromobenzene	12.77	156	73089	21.112	ug/l	97
78) n-propylbenzene	12.83	91	343558	21.354	ug/l	99
79) 2-Chlorotoluene	12.91	91	194060	20.799	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	257662	21.353	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	14794	22.123	ug/l	92
82) 4-Chlorotoluene	13.01	91	213734	21.584	ug/l	99
83) tert-Butylbenzene	13.23	119	217391	21.327	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	255212	21.399	ug/l	99
85) sec-Butylbenzene	13.41	105	295749	21.145	ug/l	100
86) p-Isopropyltoluene	13.52	119	282456	21.396	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	143806	21.581	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	143119	21.679	ug/l	99
89) n-Butylbenzene	13.85	91	243442	20.961	ug/l	99
90) Hexachloroethane	14.12	117	48972	21.258	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	123760	21.261	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8637	22.345	ug/l	93

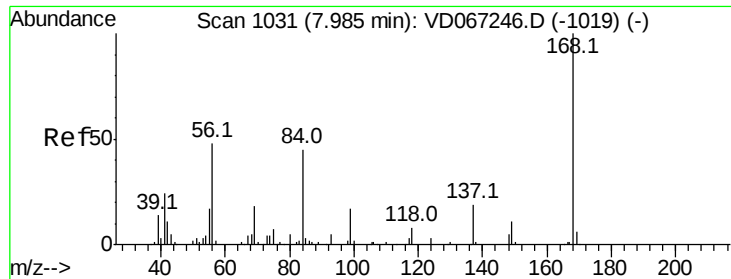
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101920\
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Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	83178	21.193	ug/l	99
94) Hexachlorobutadiene	15.28	225	49783	20.426	ug/l	97
95) Naphthalene	15.41	128	133996	20.795	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	73116	21.564	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

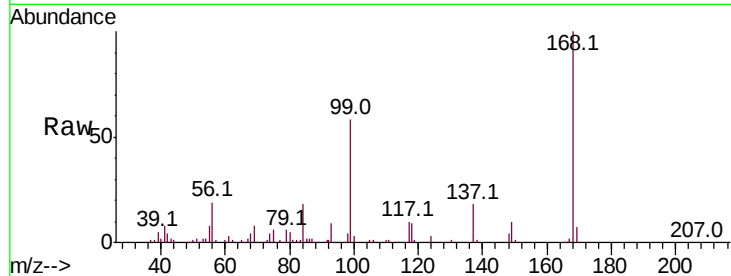
VD1019SBS01

Tot Ion:168 Resp: 306462

Ion Ratio Lower Upper

168 100

99 57.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

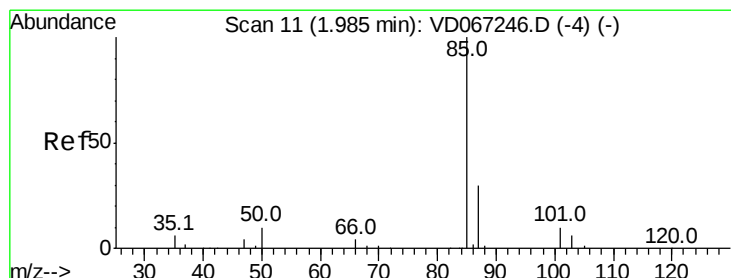
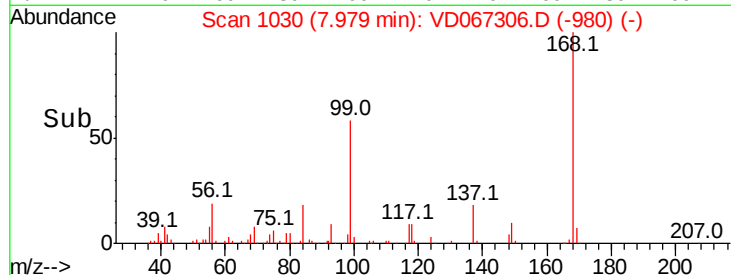
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.042 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067306.D

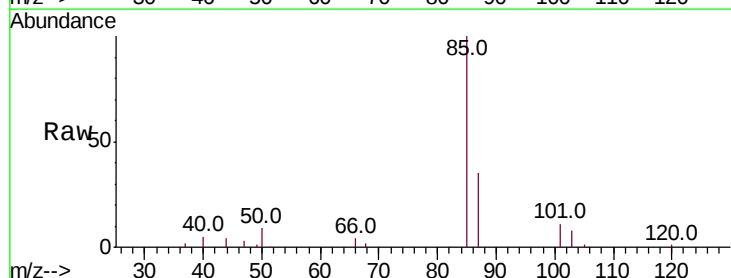
Acq: 19 Oct 2020 13:56

Tgt Ion: 85 Resp: 53503

Ion Ratio Lower Upper

85 100

87 35.0 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

40000

30000

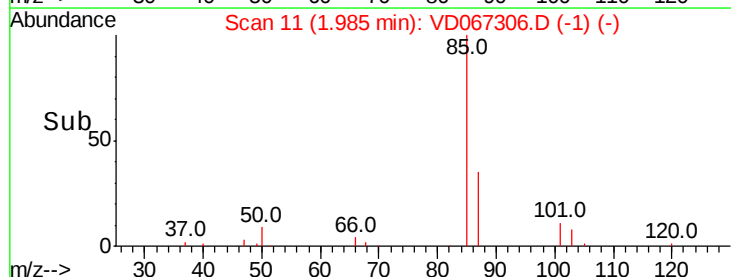
20000

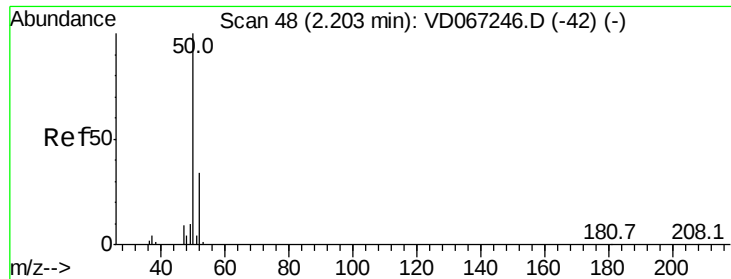
10000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.726 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

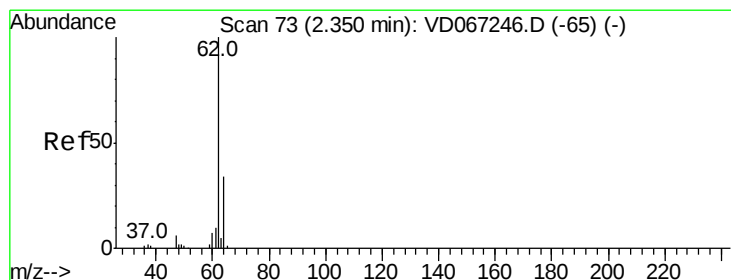
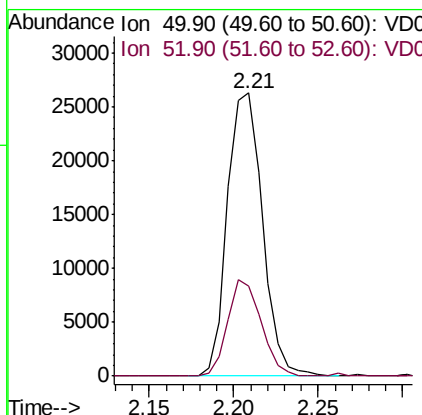
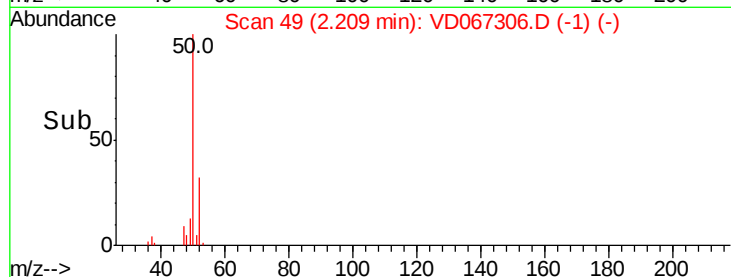
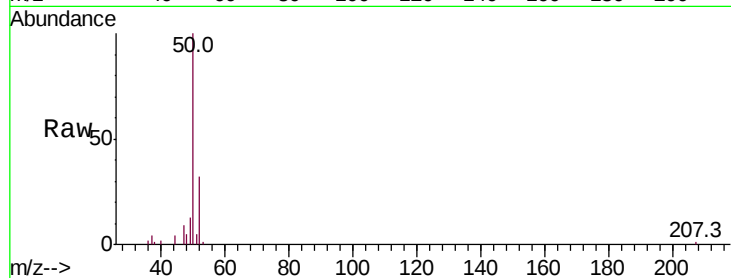
VD1019SBS01

Tot Ion: 50 Resp: 38046

Ion Ratio Lower Upper

50 100

52 31.9 27.1 40.7



#4

Vinyl Chloride

Concen: 19.478 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD067306.D

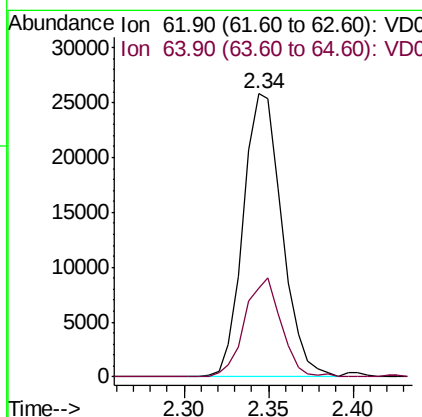
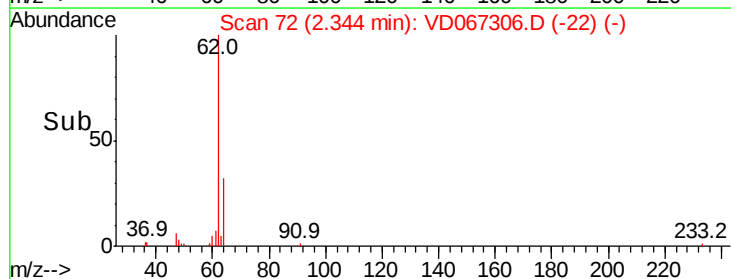
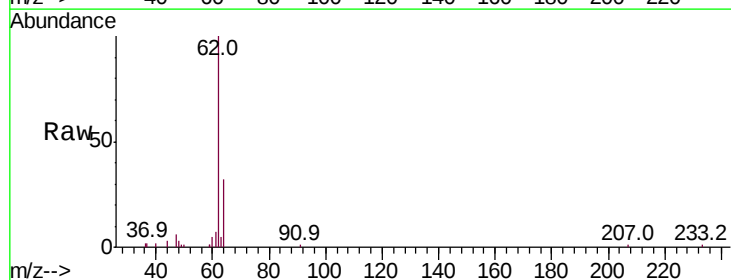
Acq: 19 Oct 2020 13:56

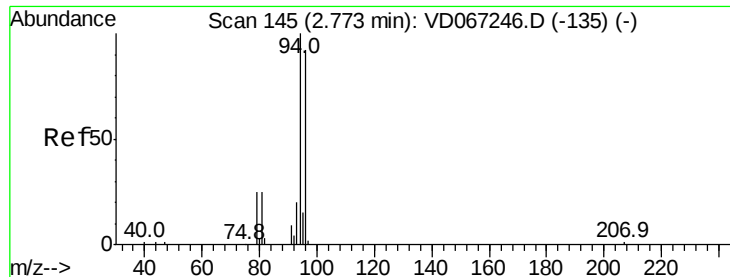
Tgt Ion: 62 Resp: 41219

Ion Ratio Lower Upper

62 100

64 31.5 27.4 41.0





#5

Bromomethane

Concen: 19.470 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

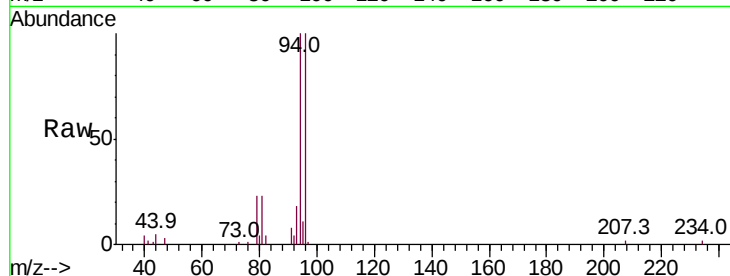
VD1019SBSD01

Tot Ion: 94 Resp: 30784

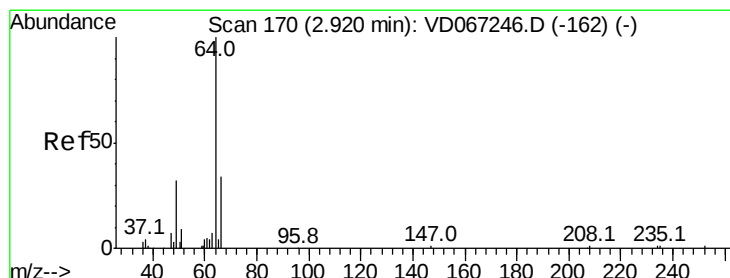
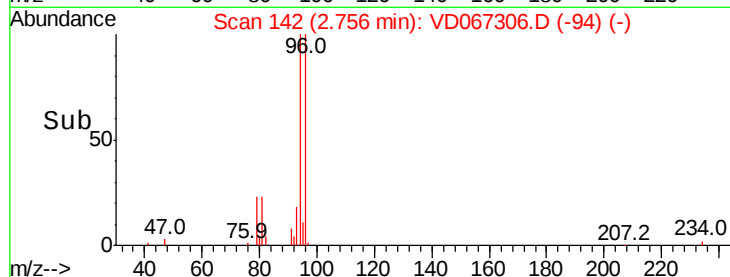
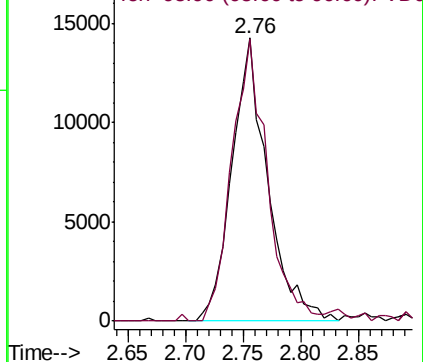
Ion Ratio Lower Upper

94 100

96 99.6 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.801 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067306.D

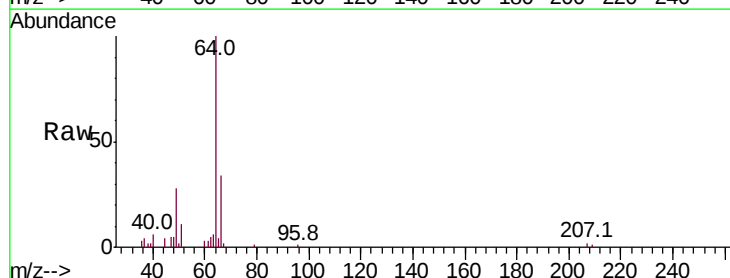
Acq: 19 Oct 2020 13:56

Tgt Ion: 64 Resp: 26096

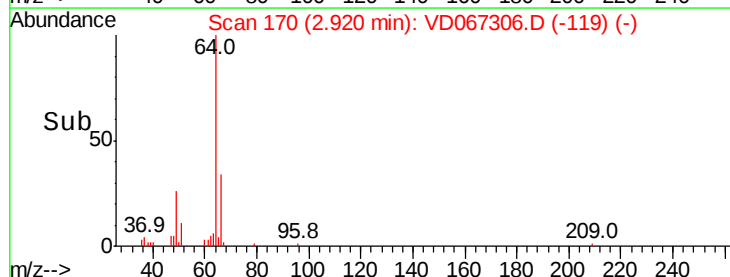
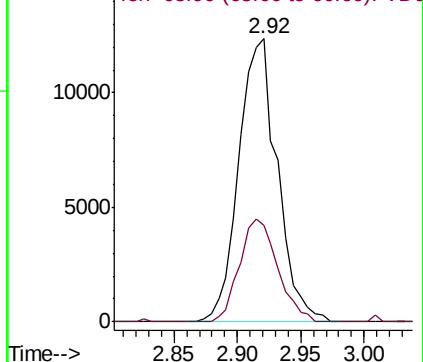
Ion Ratio Lower Upper

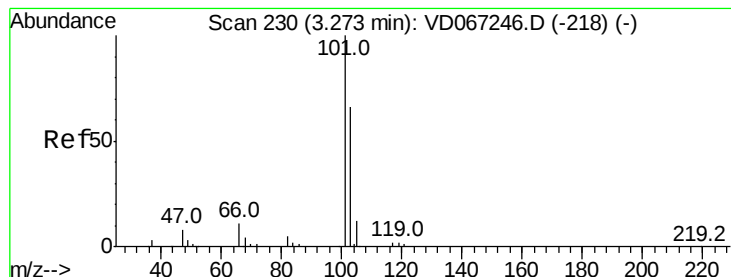
64 100

66 33.9 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC
Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 20.778 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

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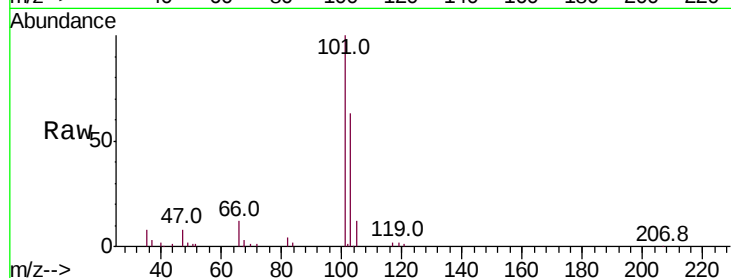
VD1019SBSD01

Tot Ion:101 Resp: 110721

Ion Ratio Lower Upper

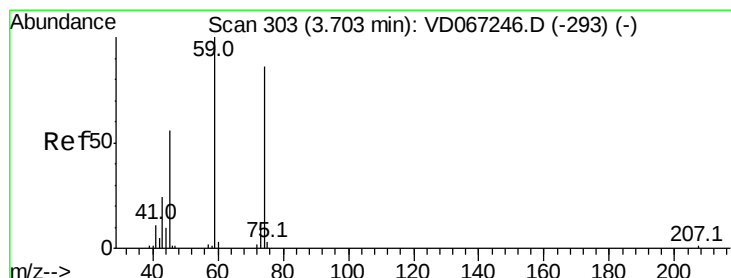
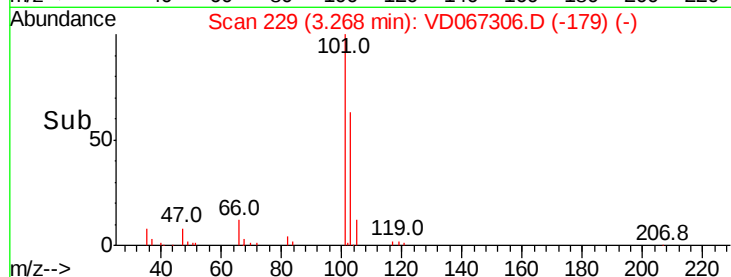
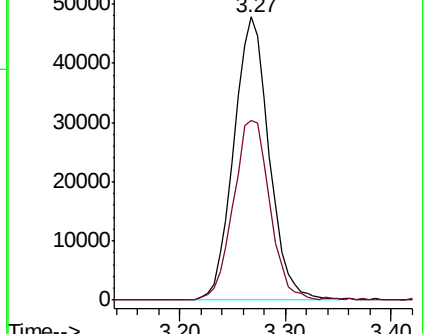
101 100

103 63.4 53.1 79.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.806 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.01 min

Lab File: VD067306.D

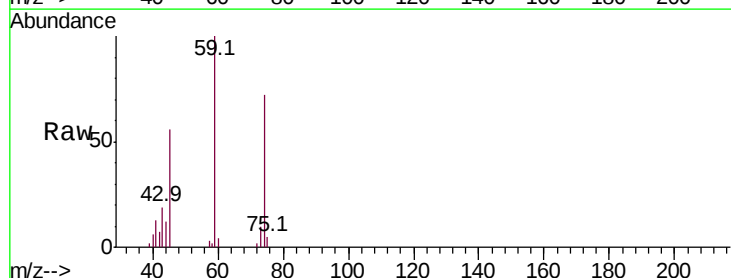
Acq: 19 Oct 2020 13:56

Tgt Ion: 74 Resp: 25370

Ion Ratio Lower Upper

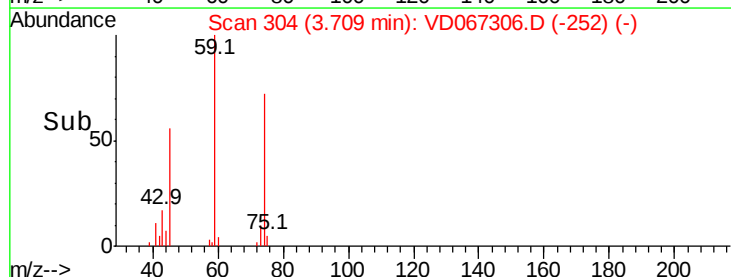
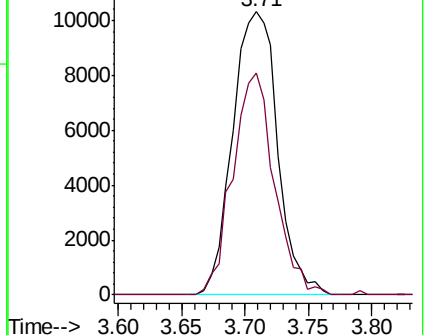
74 100

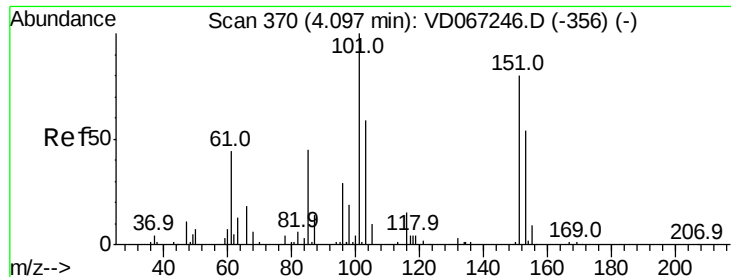
45 72.8 37.0 111.1



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: 21.008 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

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ClientSampleId :

VD1019SBS01

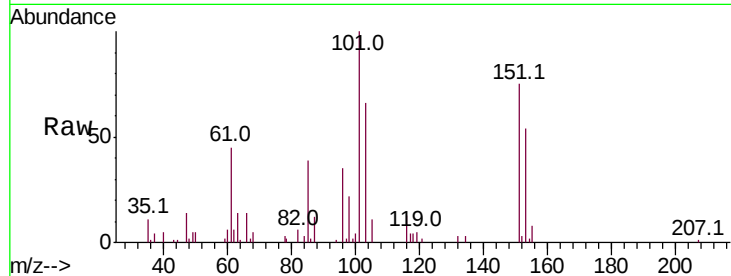
Tot Ion:101 Resp: 59476

Ion Ratio Lower Upper

101 100

85 44.0 34.2 51.4

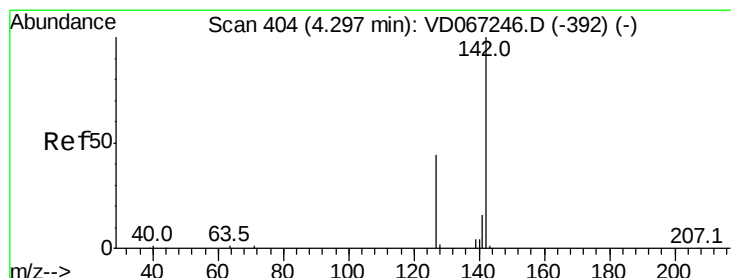
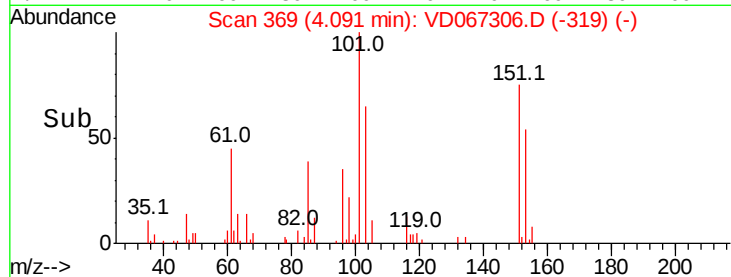
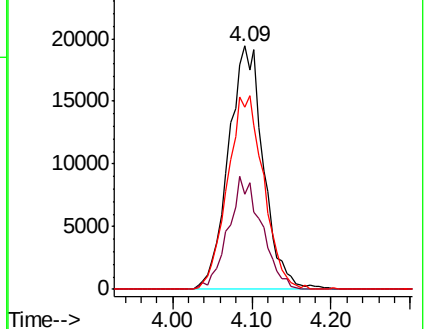
151 82.2 66.3 99.5



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: 20.011 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

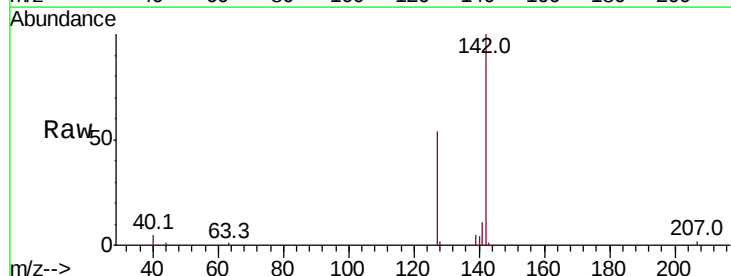
Tgt Ion:142 Resp: 52262

Ion Ratio Lower Upper

142 100

127 49.6 38.4 57.6

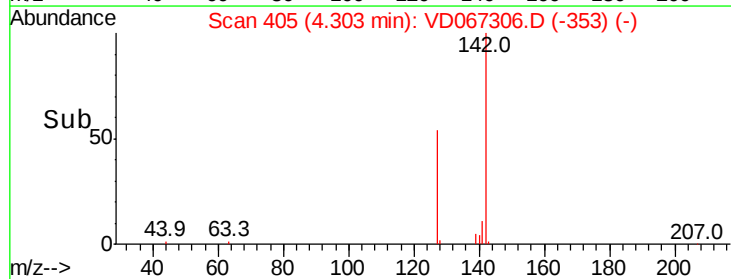
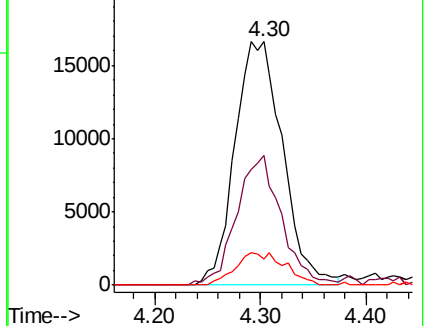
141 13.7 11.6 17.4

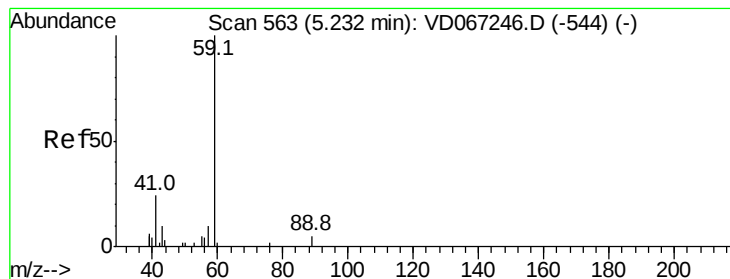


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



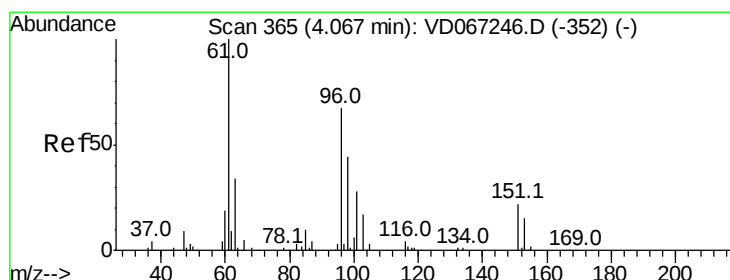
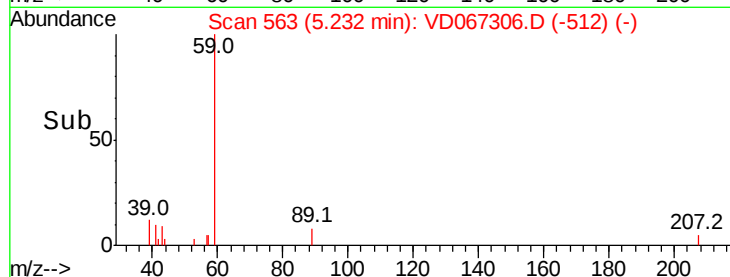
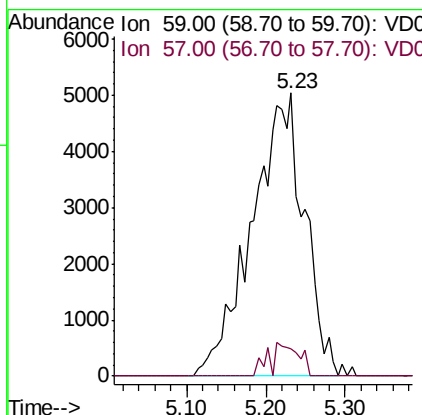
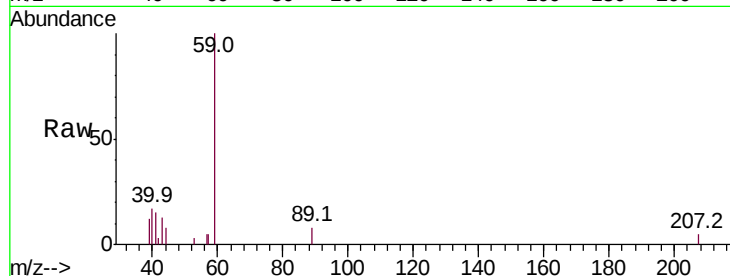


#11

Tert butyl alcohol
 Concen: 120.383 ug/l
 RT: 5.23 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBSD01

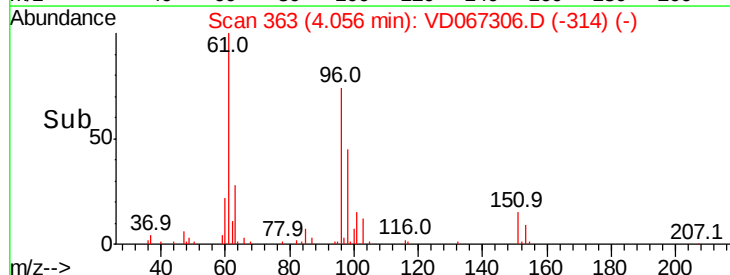
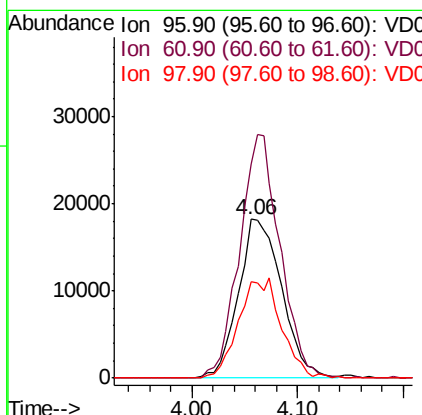
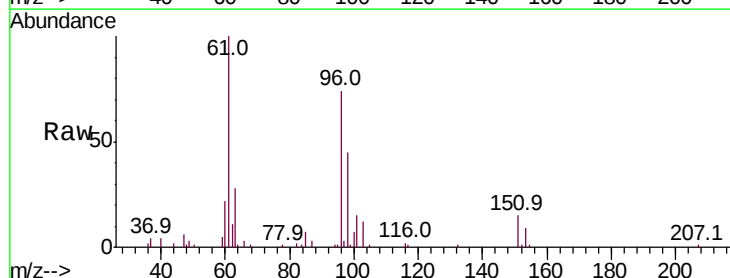
Tot Ion: 59 Resp: 22990
 Ion Ratio Lower Upper
 59 100
 57 5.1 5.1 7.7#

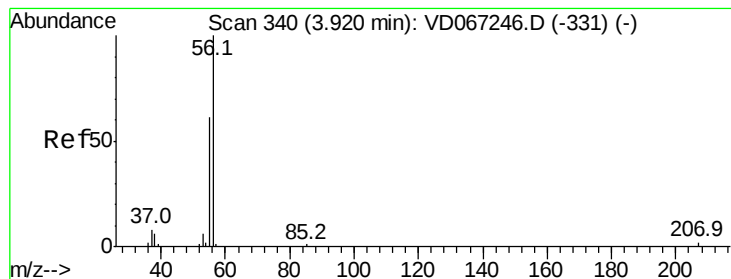


#12

1,1-Dichloroethene
 Concen: 20.471 ug/l
 RT: 4.06 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Tgt Ion: 96 Resp: 51777
 Ion Ratio Lower Upper
 96 100
 61 134.6 118.6 177.8
 98 60.5 51.8 77.6





#13

Acrolein

Concen: 80.766 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

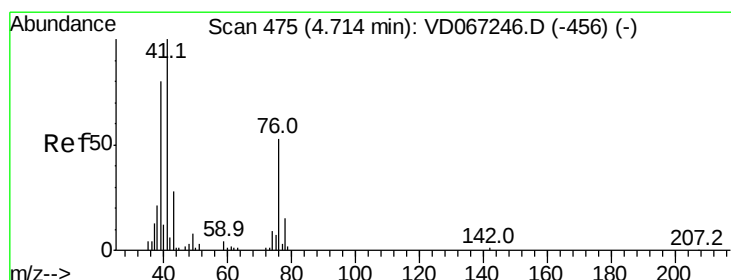
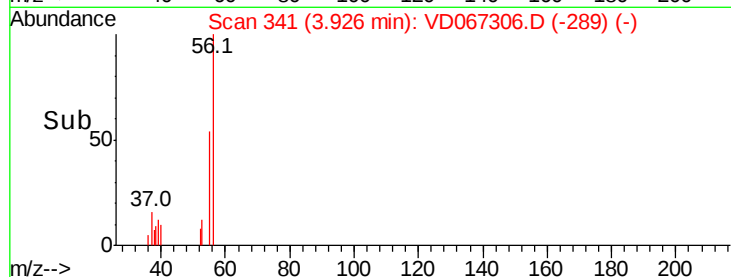
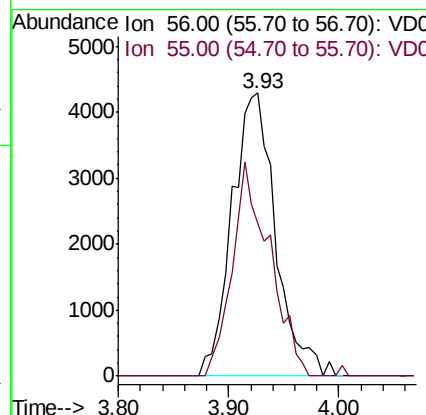
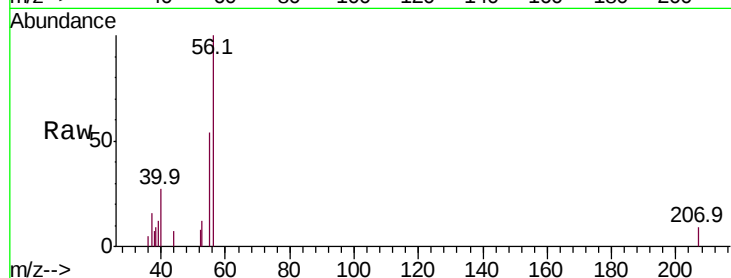
VD1019SBSD01

Tot Ion: 56 Resp: 11874

Ion Ratio Lower Upper

56 100

55 64.8 56.0 84.0



#14

Allyl chloride

Concen: 19.347 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

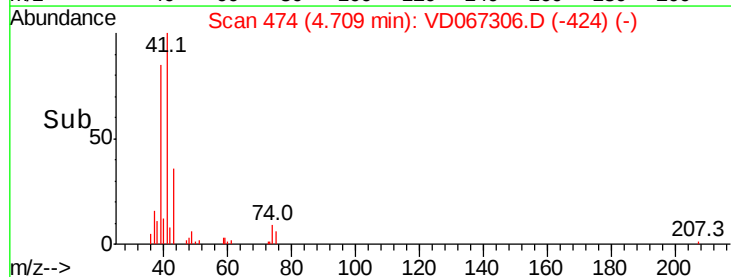
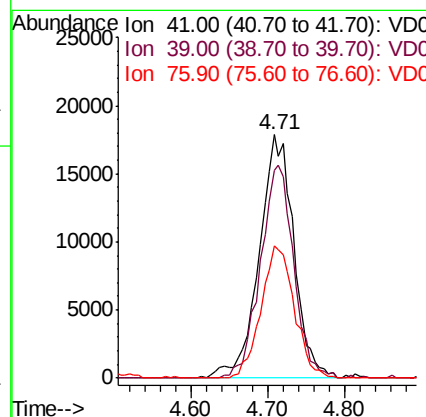
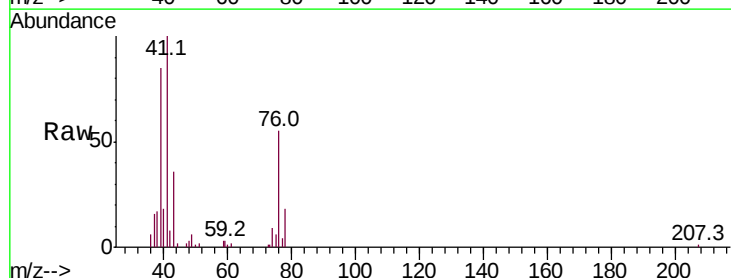
Tgt Ion: 41 Resp: 56039

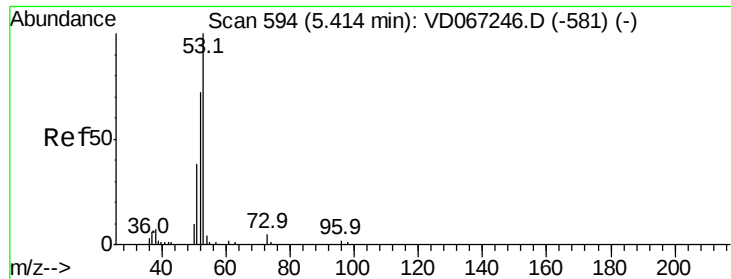
Ion Ratio Lower Upper

41 100

39 84.2 63.8 95.6

76 52.3 40.4 60.6





#15

Acrylonitrile

Concen: 105.021 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

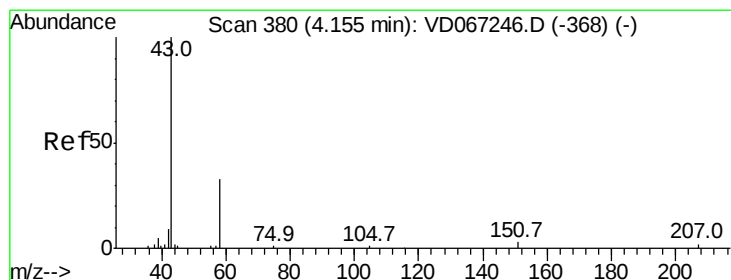
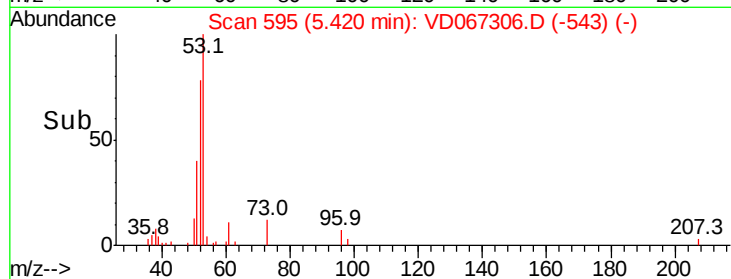
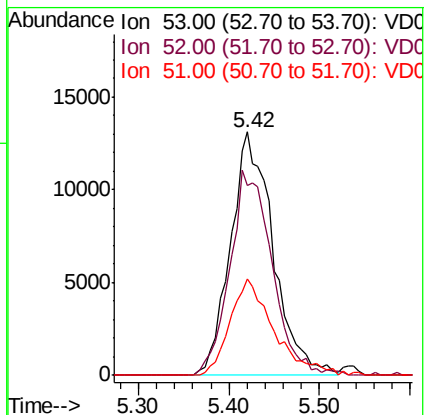
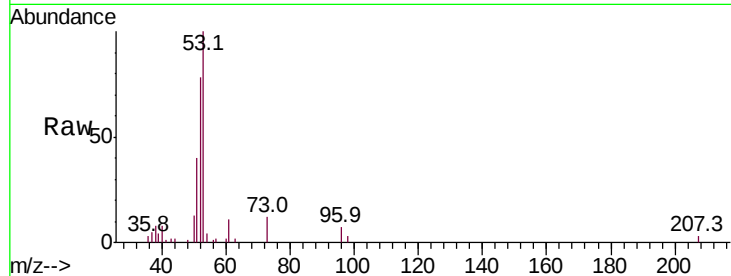
Tot Ion: 53 Resp: 42730

Ion Ratio Lower Upper

53 100

52 82.9 65.6 98.4

51 40.7 30.8 46.2



#16

Acetone

Concen: 107.525 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067306.D

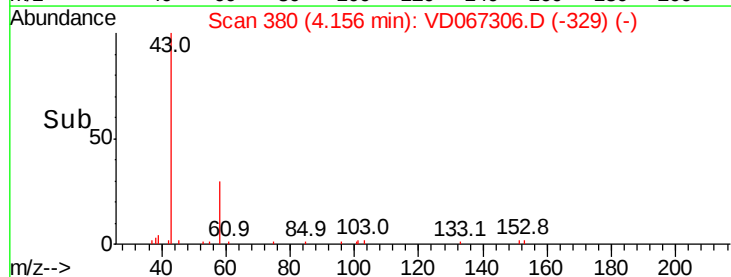
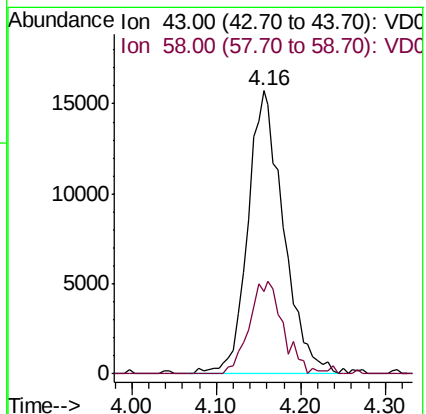
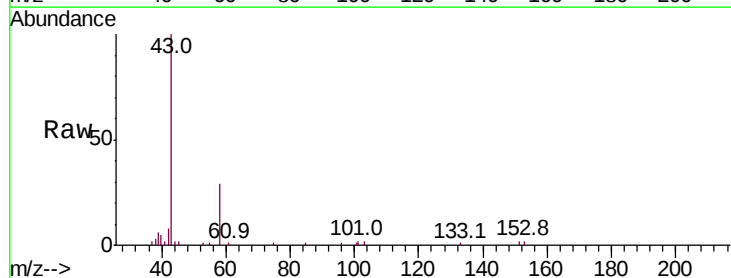
Acq: 19 Oct 2020 13:56

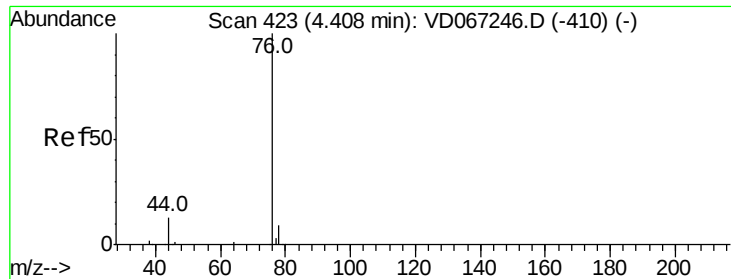
Tgt Ion: 43 Resp: 46235

Ion Ratio Lower Upper

43 100

58 29.1 26.1 39.1

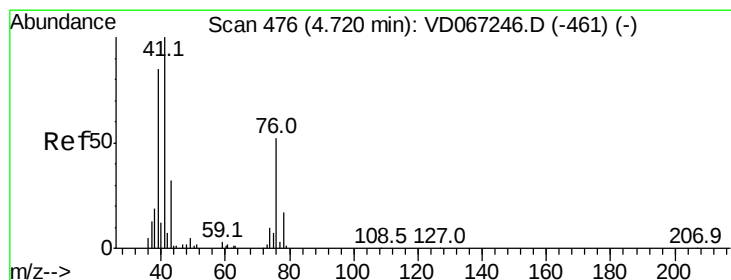
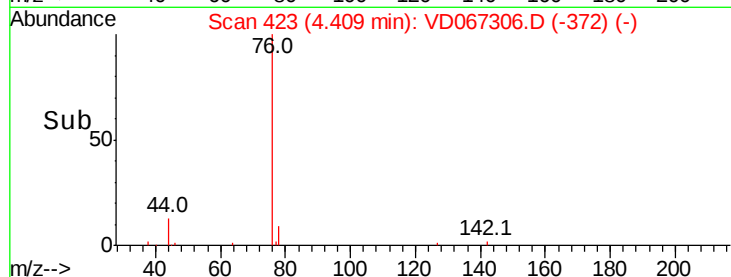
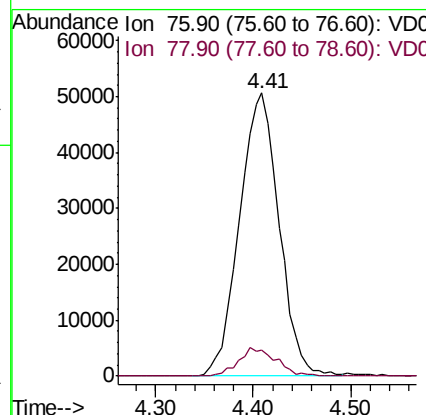
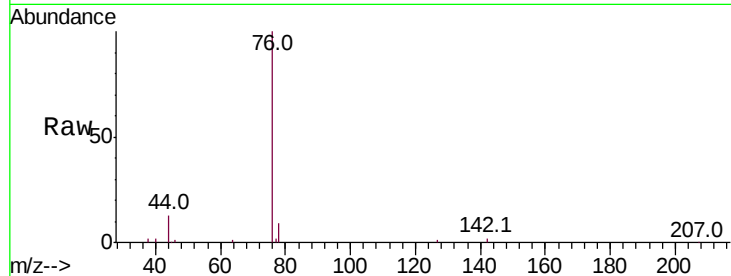




#17
Carbon Disulfide
Concen: 19.766 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

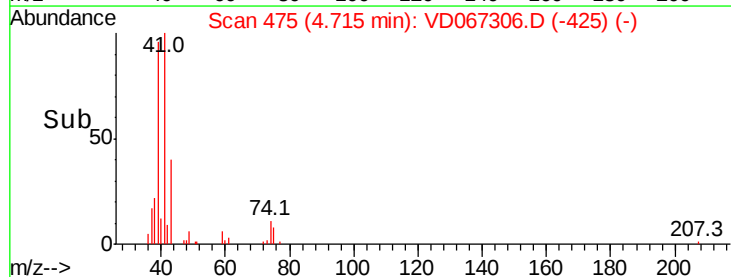
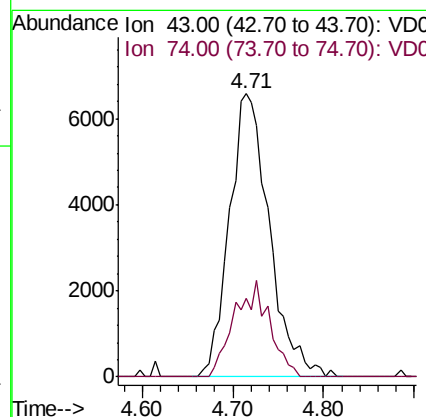
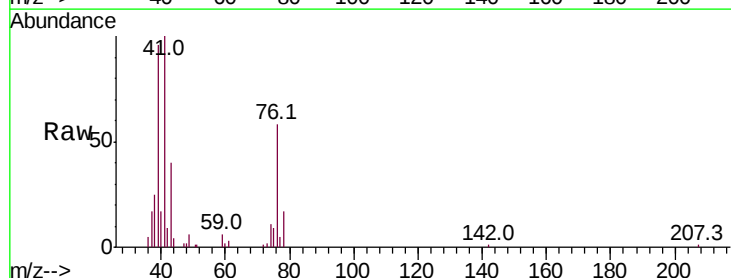
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

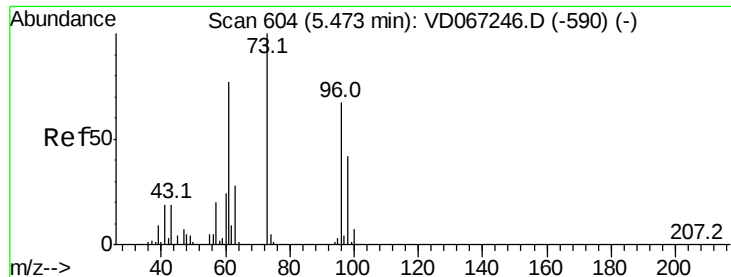
Tot Ion: 76 Resp: 142523
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 20.524 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion: 43 Resp: 20129
Ion Ratio Lower Upper
43 100
74 29.9 26.6 39.8

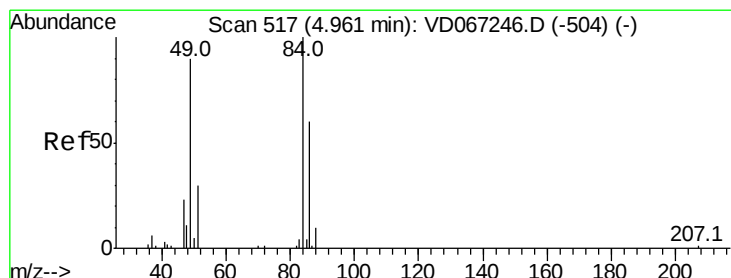
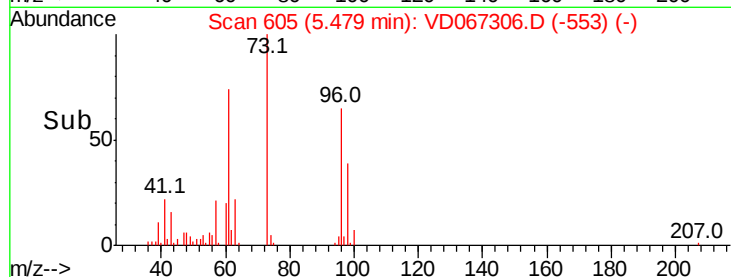
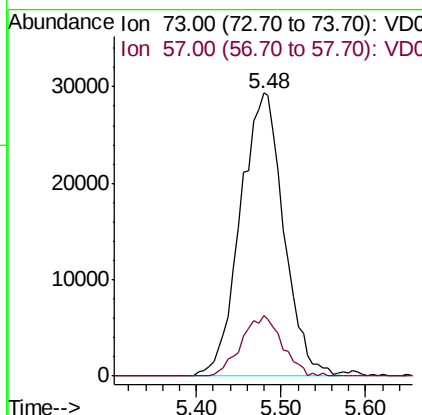
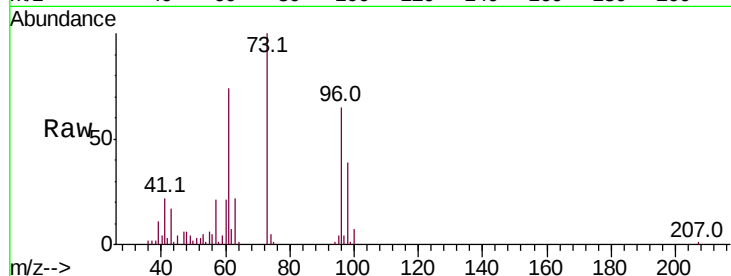




#19
Methvl tert-butvl Ether
Concen: 20.832 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

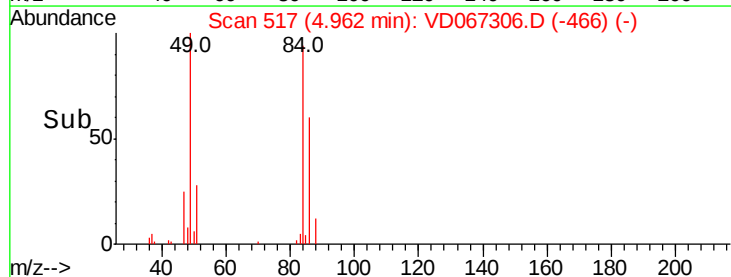
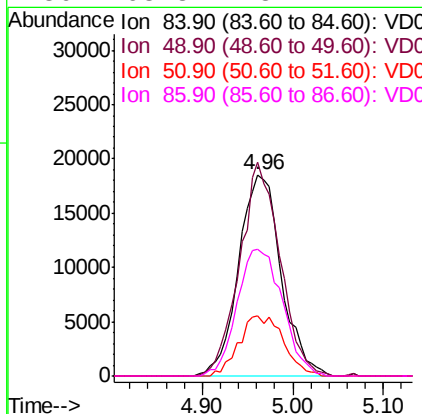
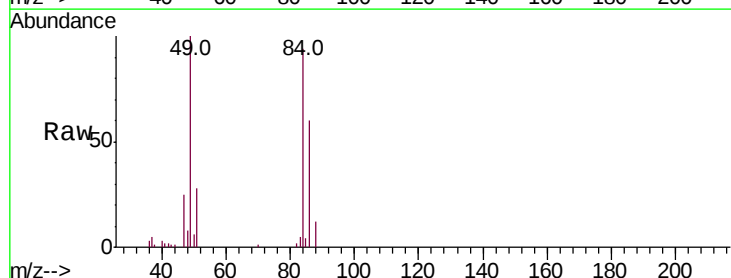
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

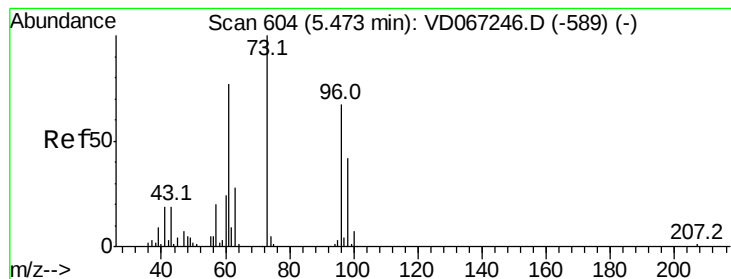
Tot Ion: 73 Resp: 104767
Ion Ratio Lower Upper
73 100
57 21.3 15.7 23.5



#20
Methylene Chloride
Concen: 19.168 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion: 84 Resp: 60419
Ion Ratio Lower Upper
84 100
49 106.3 72.2 108.2
51 30.1 23.8 35.8
86 63.3 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 20.484 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

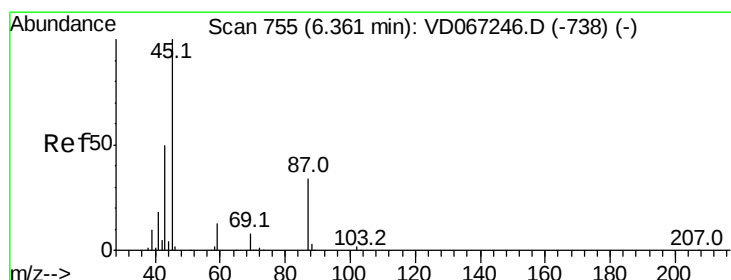
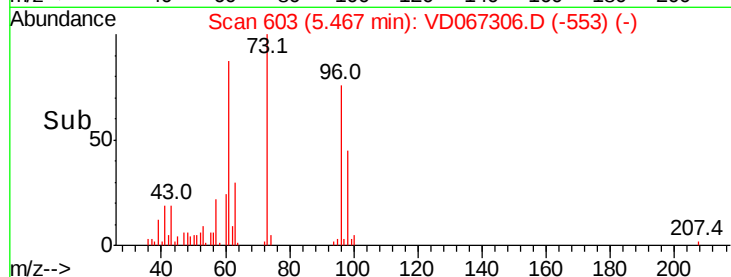
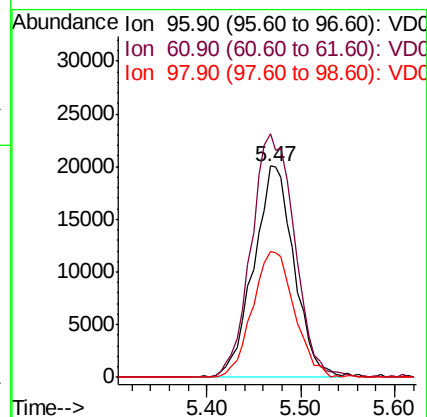
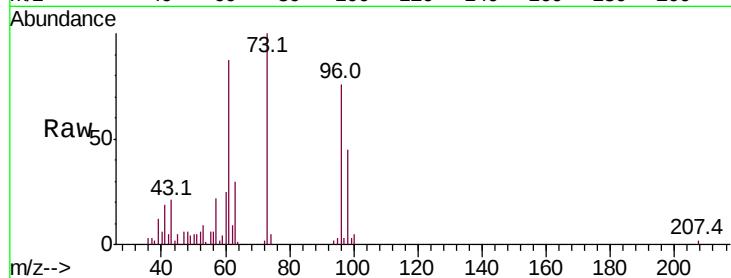
Tot Ion: 96 Resp: 59622

Ion Ratio Lower Upper

96 100

61 115.2 92.0 138.0

98 59.3 49.8 74.8



#22

Diisopropyl ether

Concen: 22.211 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Tgt Ion: 45 Resp: 117523

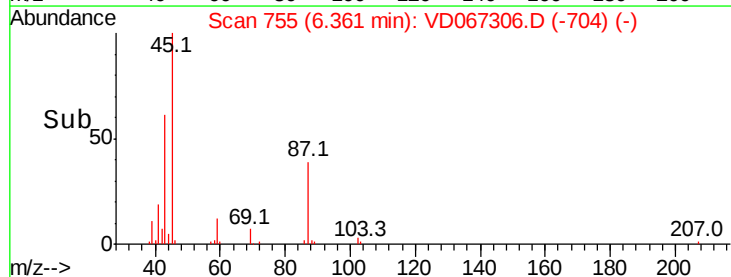
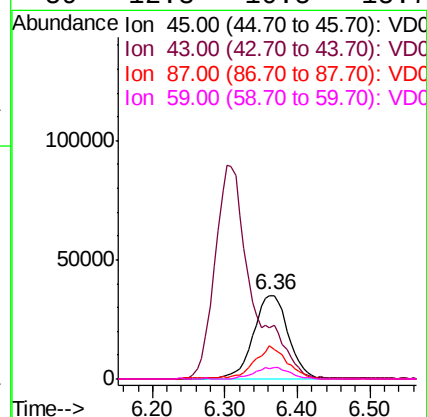
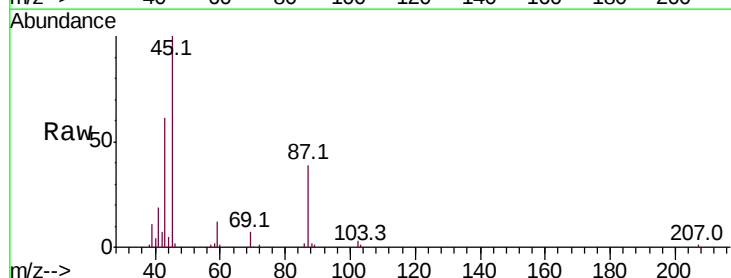
Ion Ratio Lower Upper

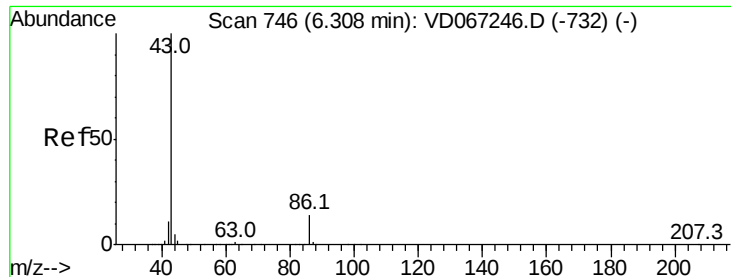
45 100

43 59.2 48.0 72.0

87 39.2 28.5 42.7

59 12.3 10.5 15.7





#23

Vinyl Acetate

Concen: 105.956 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

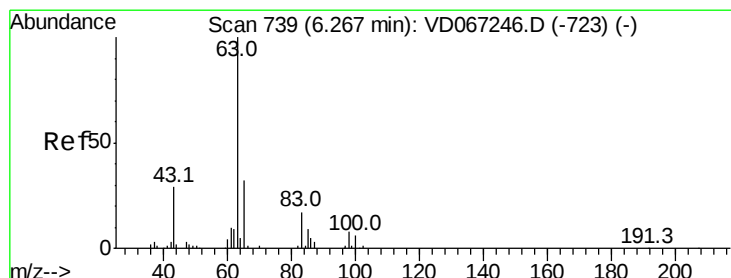
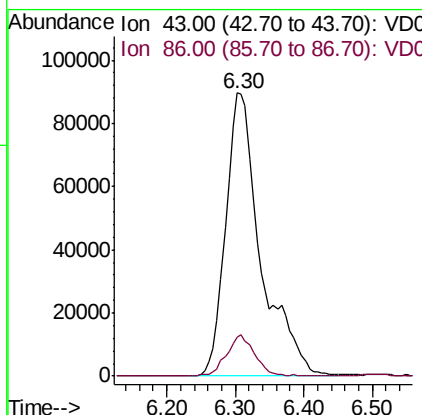
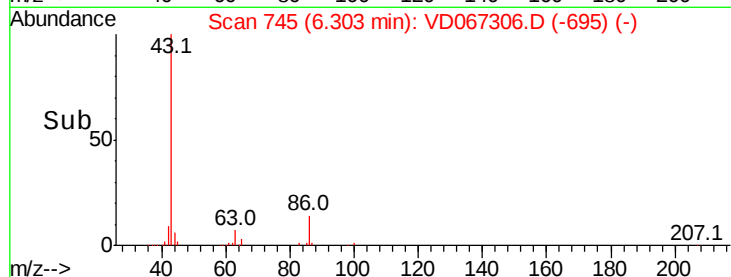
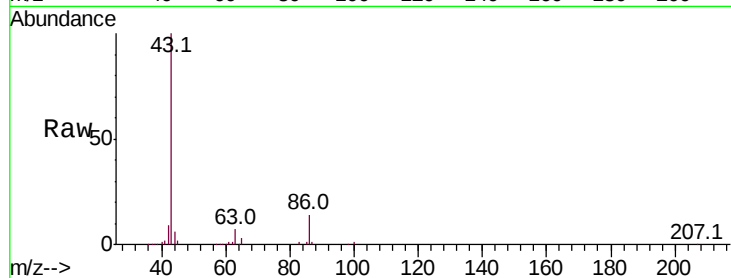
VD1019SBS01

Tot Ion: 43 Resp: 318959

Ion Ratio Lower Upper

43 100

86 13.5 11.0 16.6



#24

1,1-Dichloroethane

Concen: 21.274 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

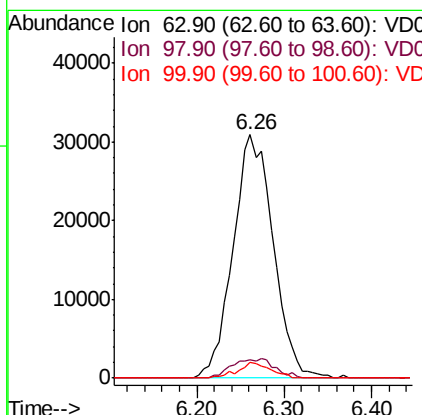
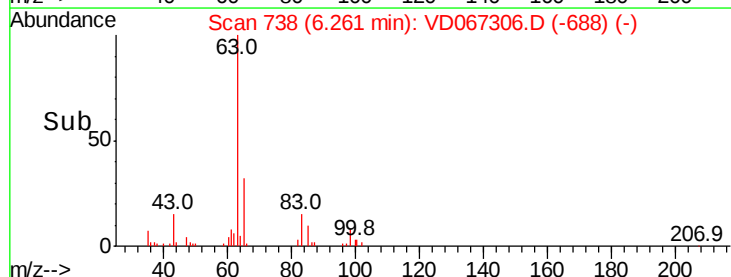
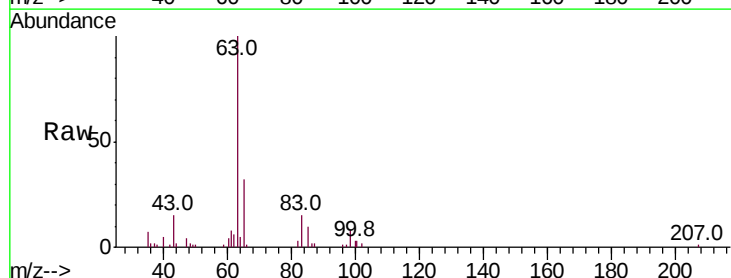
Tgt Ion: 63 Resp: 96358

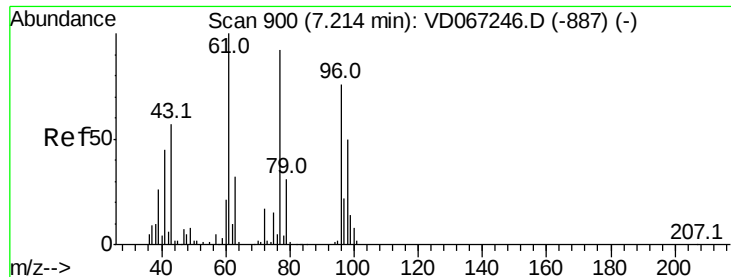
Ion Ratio Lower Upper

63 100

98 7.5 4.0 12.2

100 6.4 2.8 8.4





#25

2-Butanone

Concen: 103.323 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

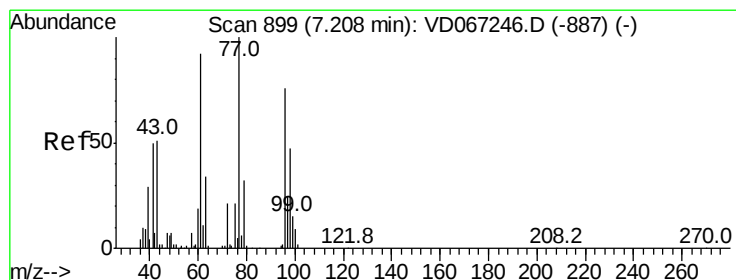
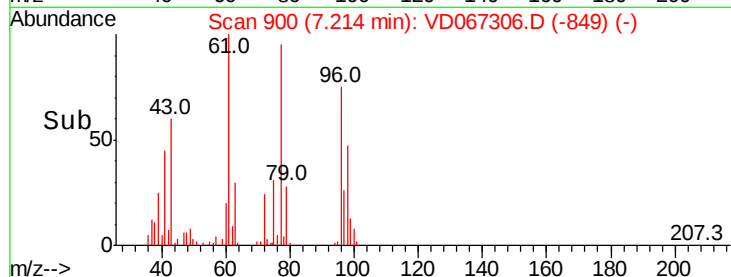
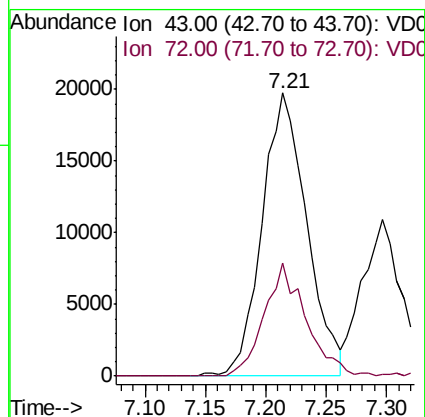
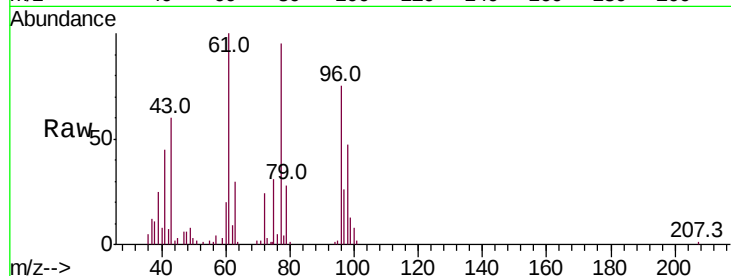
VD1019SBS01

Tot Ion: 43 Resp: 50644

Ion Ratio Lower Upper

43 100

72 39.9 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 20.850 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067306.D

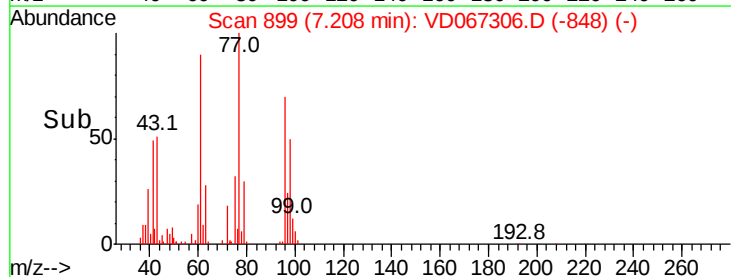
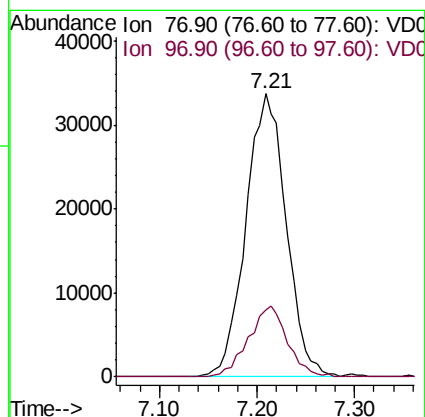
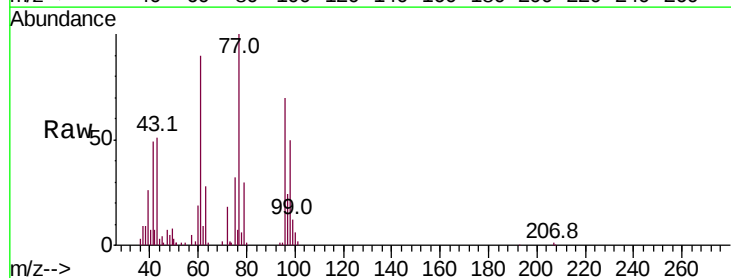
Acq: 19 Oct 2020 13:56

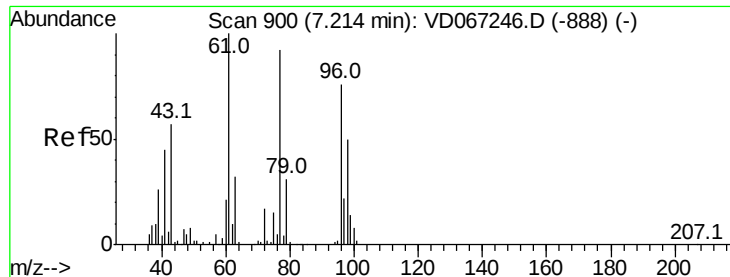
Tgt Ion: 77 Resp: 97339

Ion Ratio Lower Upper

77 100

97 24.1 11.4 34.2

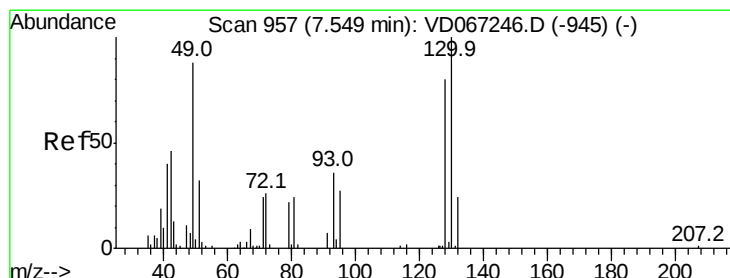
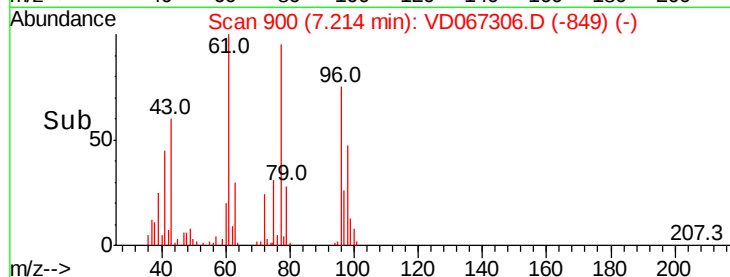
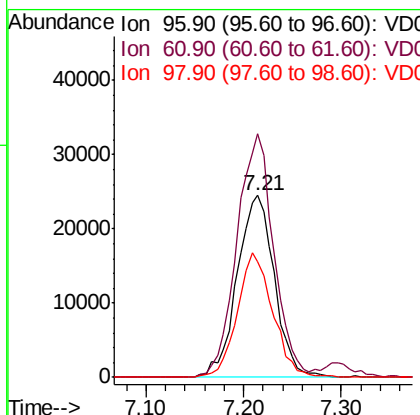
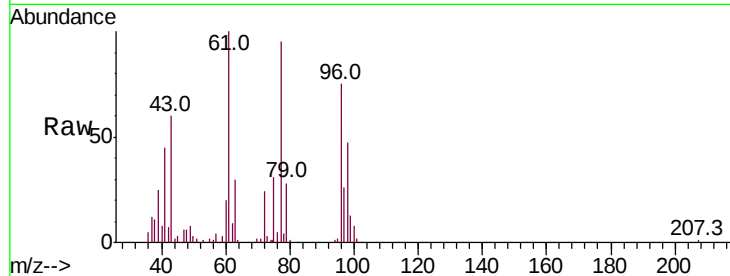




#27
 cis-1,2-Dichloroethene
 Concen: 20.504 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

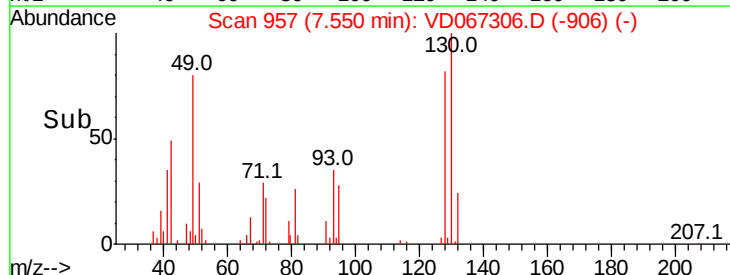
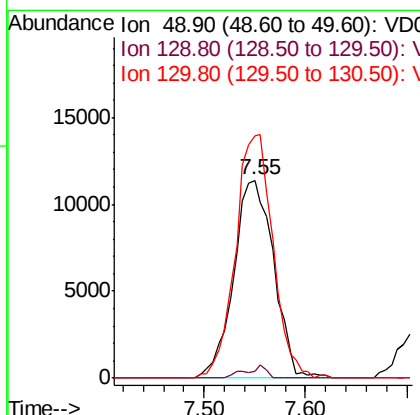
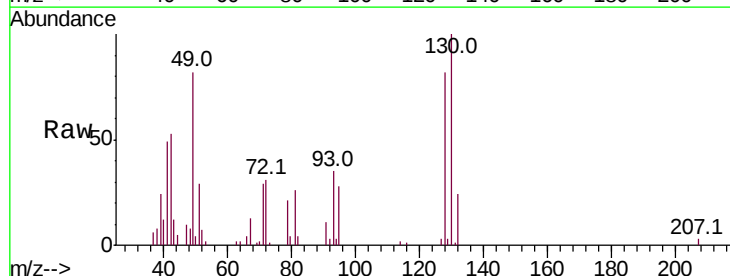
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

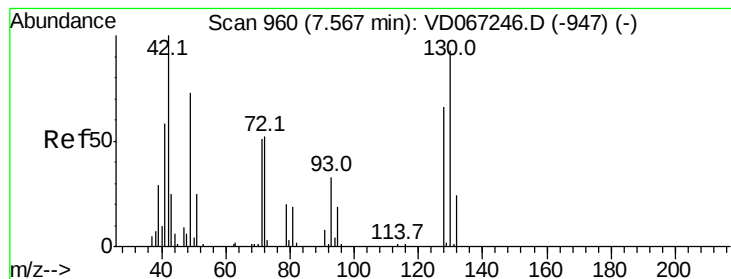
Tot Ion: 96 Resp: 65409
 Ion Ratio Lower Upper
 96 100
 61 132.1 0.0 255.4
 98 64.7 0.0 128.0



#28
 Bromochloromethane
 Concen: 20.175 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Tgt Ion: 49 Resp: 31168
 Ion Ratio Lower Upper
 49 100
 129 3.3 0.0 1.6#
 130 115.5 91.0 136.6





#29

Tetrahydrofuran

Concen: 110.598 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

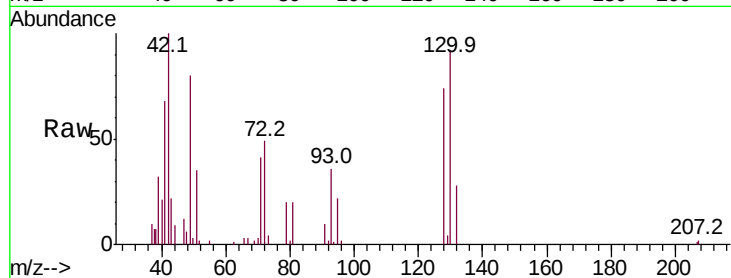
Tot Ion: 42 Resp: 30134

Ion Ratio Lower Upper

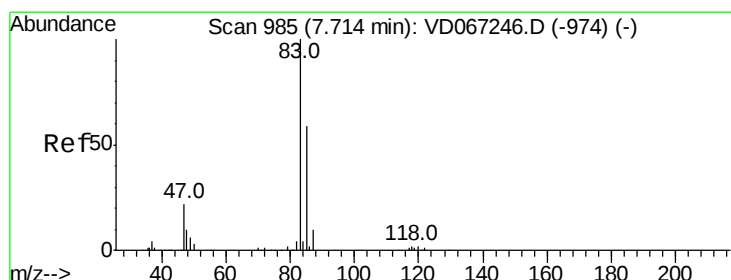
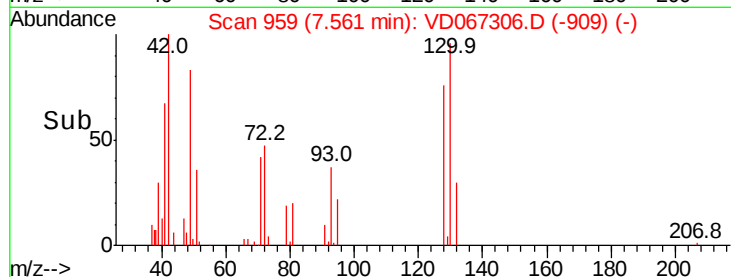
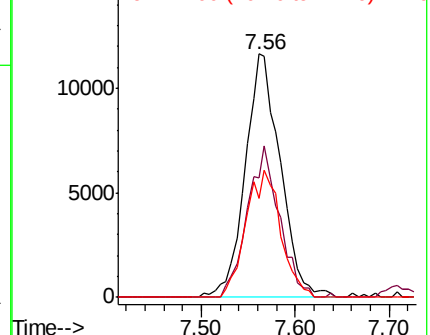
42 100

72 56.3 43.2 64.8

71 51.3 39.4 59.0



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 20.761 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.01 min

Lab File: VD067306.D

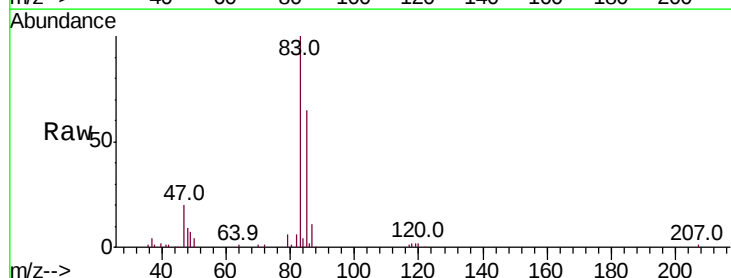
Acq: 19 Oct 2020 13:56

Tgt Ion: 83 Resp: 112331

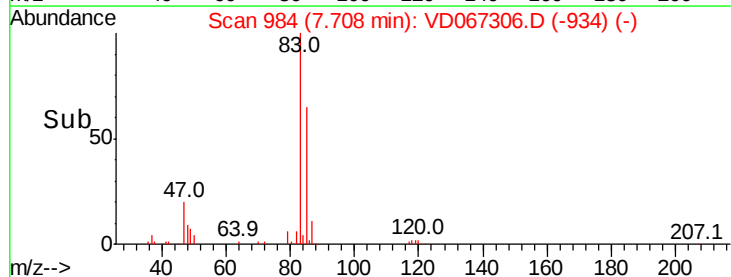
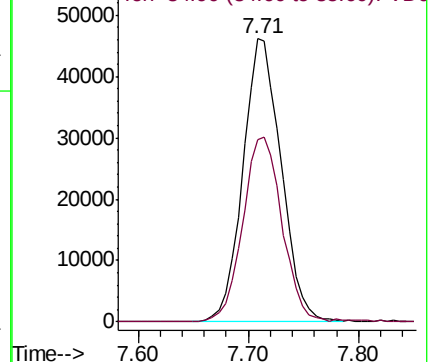
Ion Ratio Lower Upper

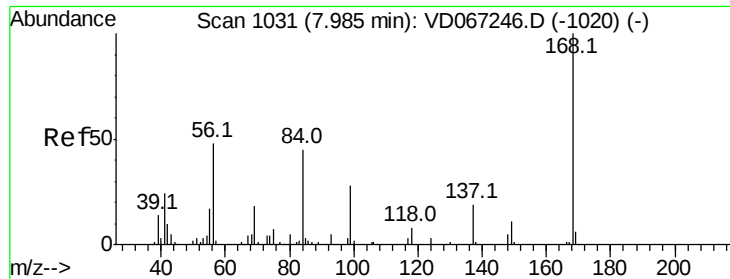
83 100

85 64.6 47.3 70.9



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

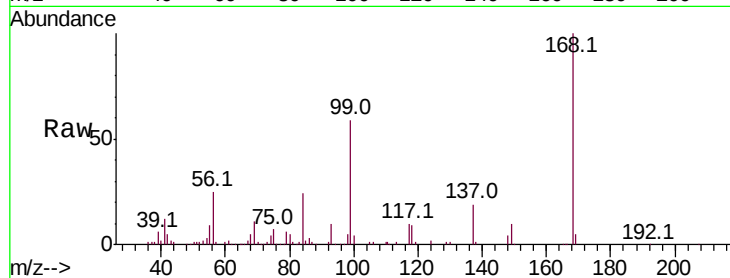




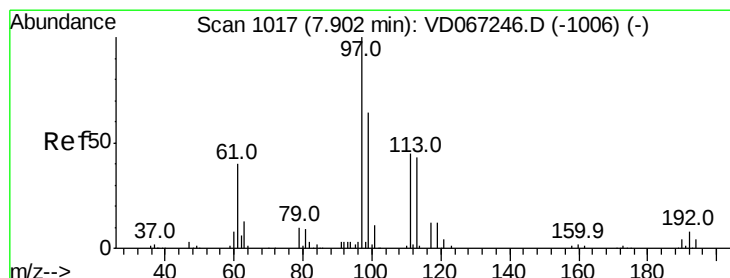
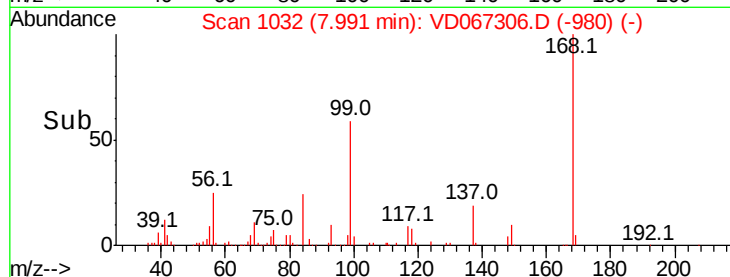
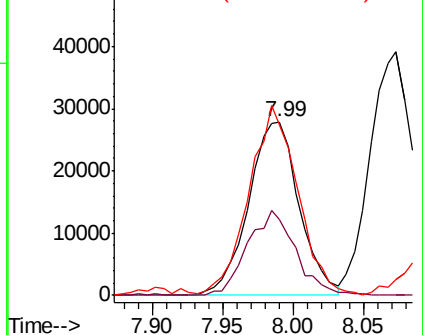
#31
Cyclohexane
Concen: 19.788 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

Tot Ion: 56 Resp: 69975
Ion Ratio Lower Upper
56 100
69 43.5 29.8 44.6
84 96.2 76.6 114.8

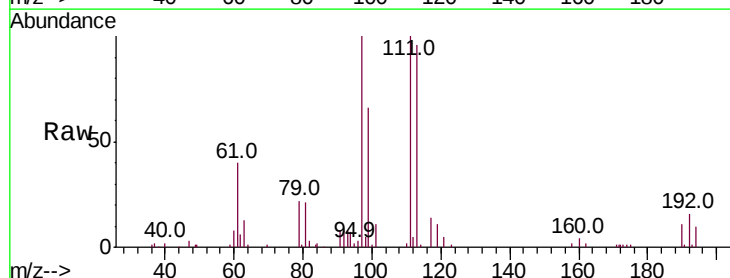


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

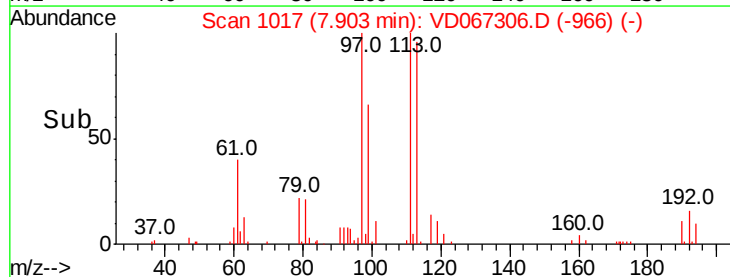
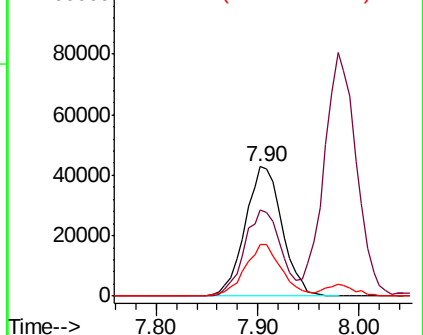


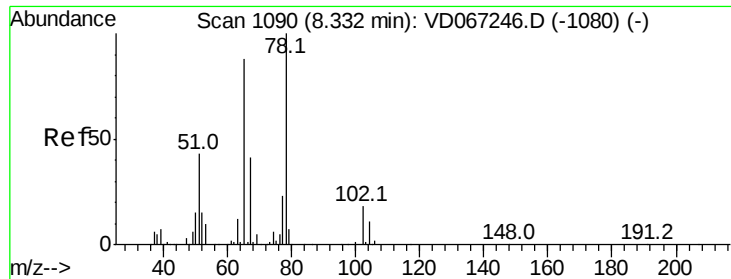
#32
1,1,1-Trichloroethane
Concen: 20.541 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion: 97 Resp: 109050
Ion Ratio Lower Upper
97 100
99 64.9 50.2 75.4
61 39.1 30.5 45.7



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: 52.154 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

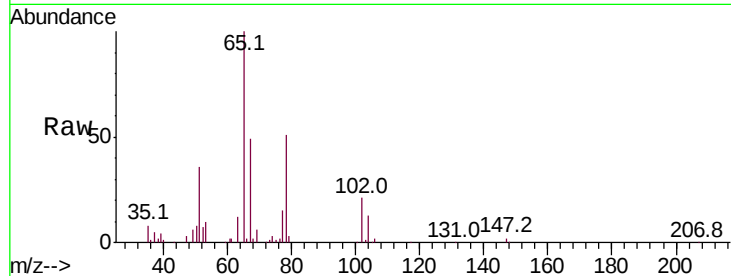
VD1019SBS01

Tot Ion: 65 Resp: 160128

Ion Ratio Lower Upper

65 100

67 48.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

60000

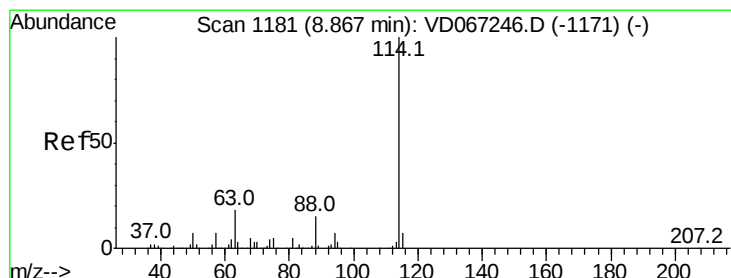
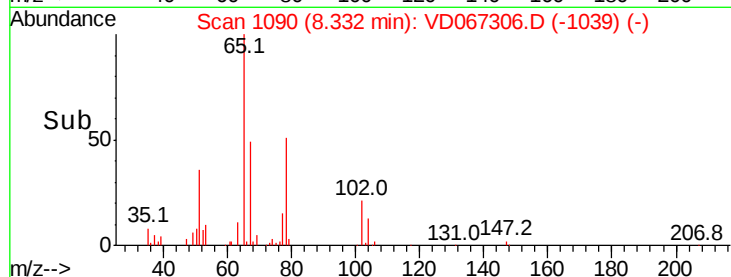
40000

20000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

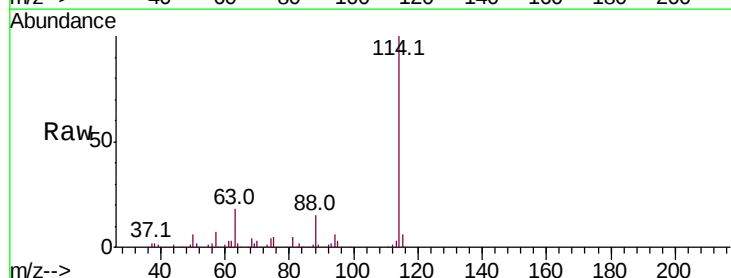
Tgt Ion: 114 Resp: 457645

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 14.8 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

300000

250000

200000

150000

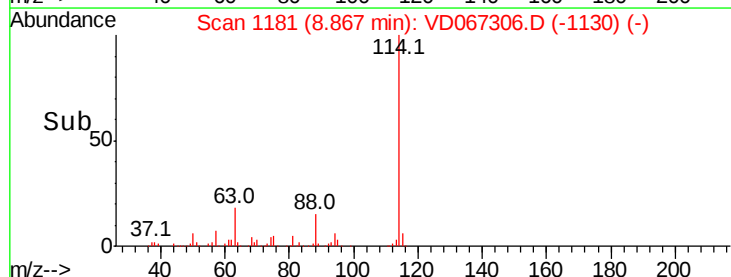
100000

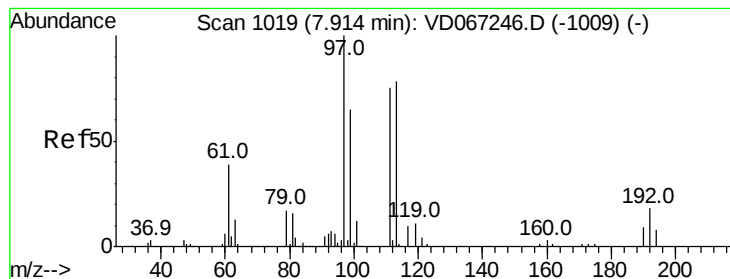
50000

0

8.75 8.80 8.85 8.90 8.95

Time-->





#35

Dibromofluoromethane

Concen: 51.703 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

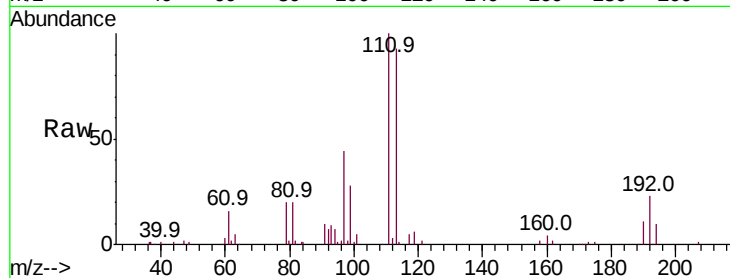
Tot Ion:113 Resp: 157468

Ion Ratio Lower Upper

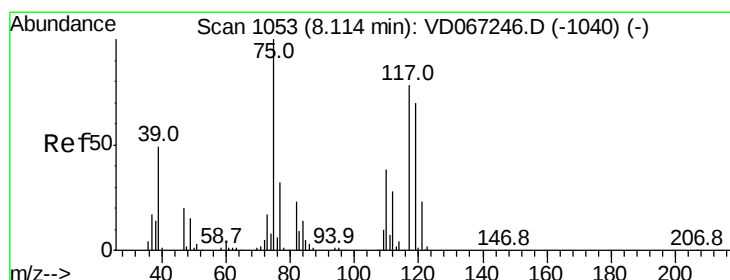
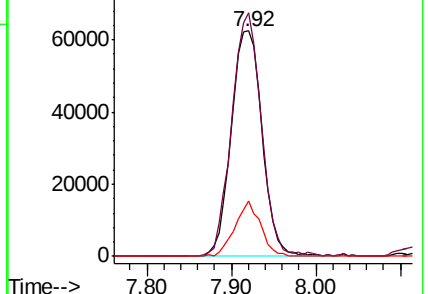
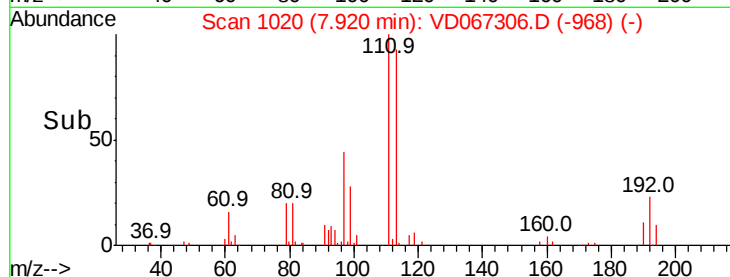
113 100

111 104.0 81.6 122.4

192 20.4 17.0 25.4



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: 20.915 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

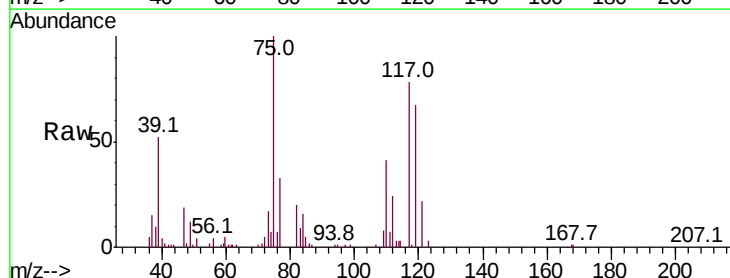
Tgt Ion: 75 Resp: 81128

Ion Ratio Lower Upper

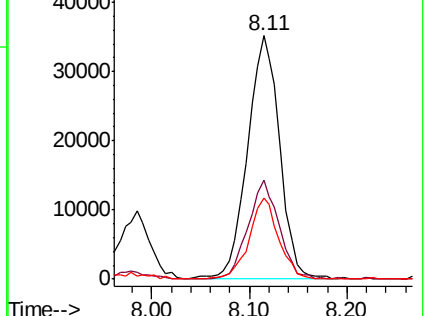
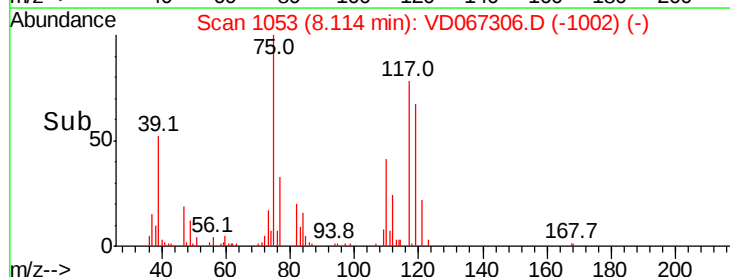
75 100

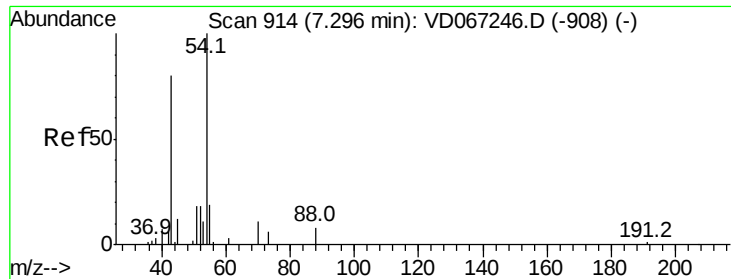
110 39.0 19.6 58.7

77 30.7 24.6 37.0



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: 20.892 ug/l

RT: 7.30 min Scan# 914

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

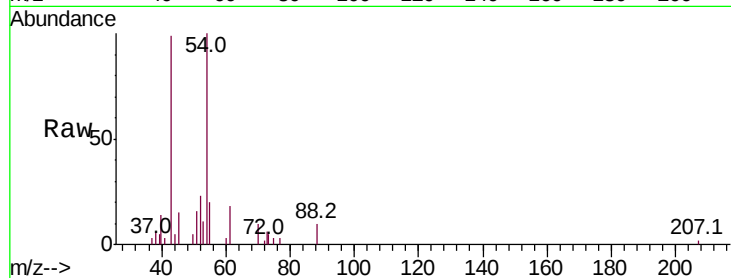
Tot Ion: 43 Resp: 23842

Ion Ratio Lower Upper

43 100

61 19.6 15.6 23.4

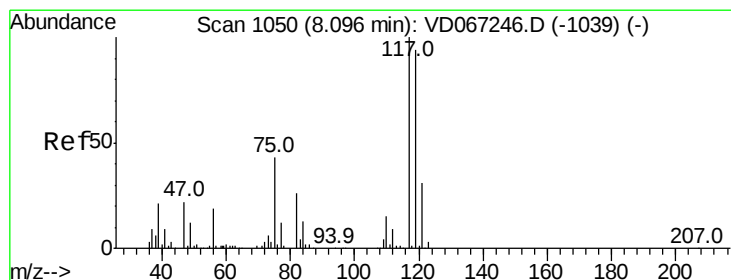
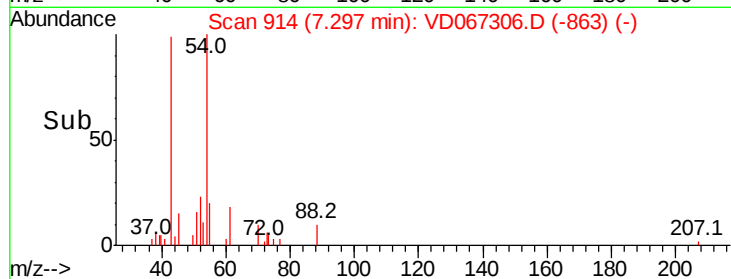
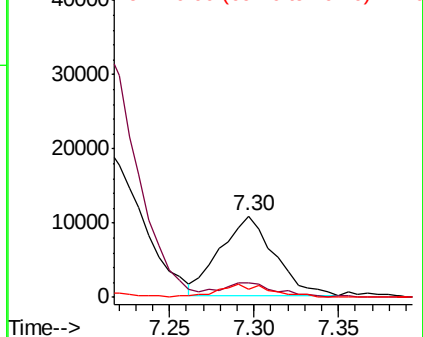
70 16.2 10.4 15.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 20.973 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

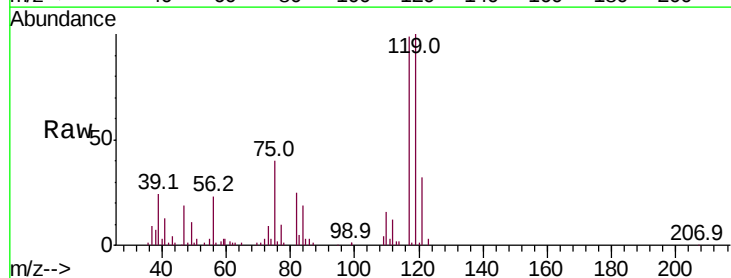
Tgt Ion: 117 Resp: 103974

Ion Ratio Lower Upper

117 100

119 100.8 75.0 112.4

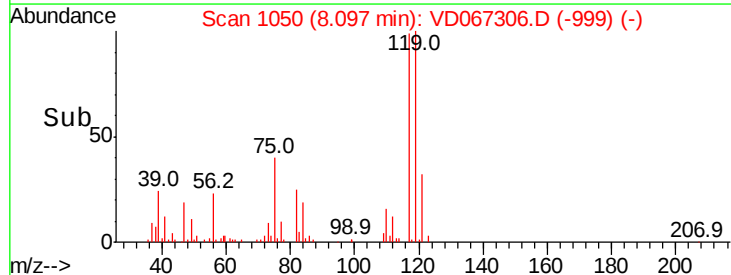
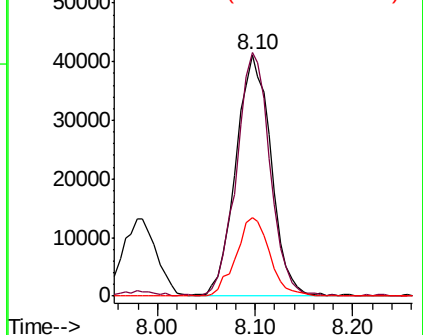
121 32.4 24.9 37.3

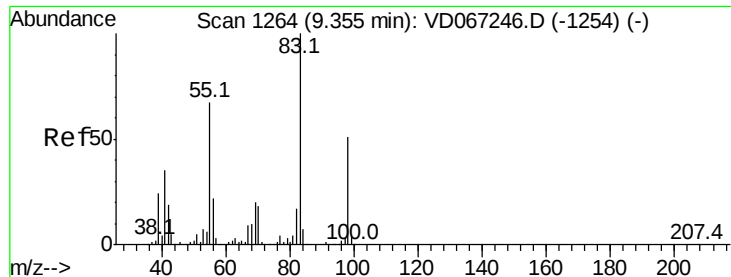


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

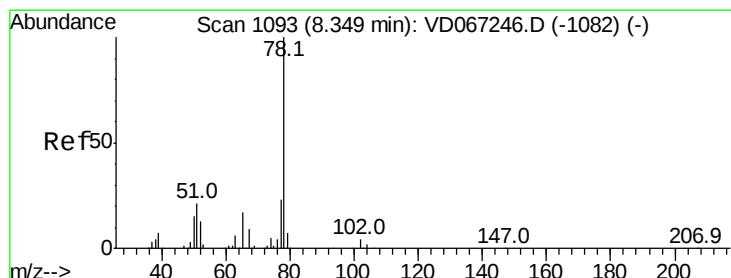
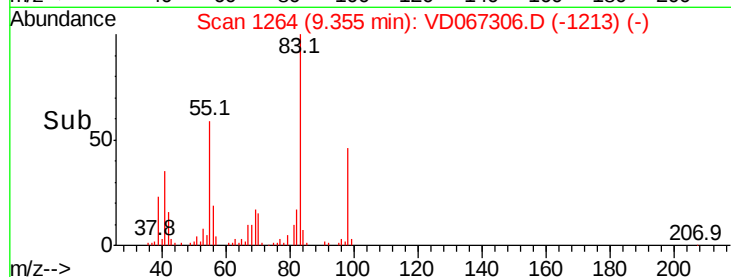
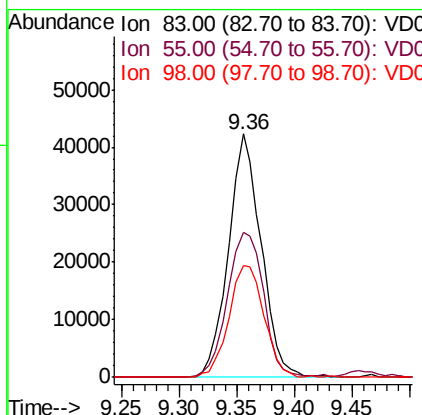
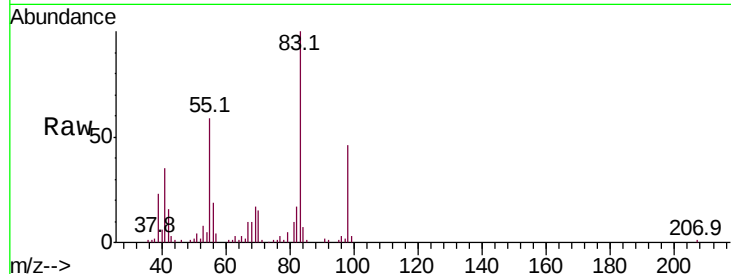




#39
Methvlcvclohexane
Concen: 20.521 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

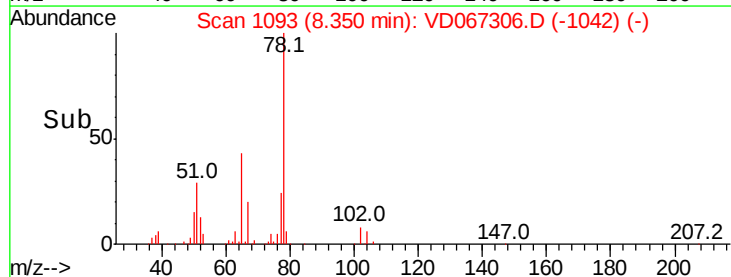
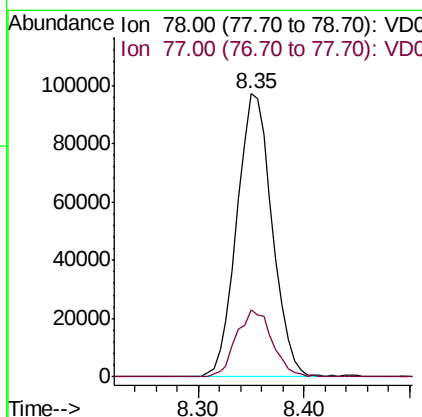
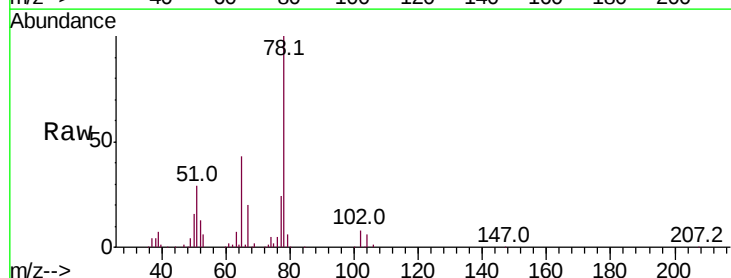
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

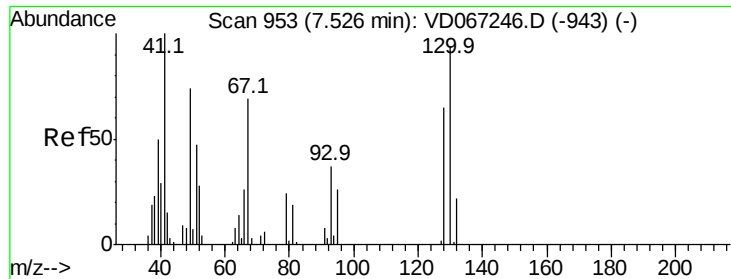
Tot Ion	83	Resp	83212
Ion Ratio	100	Lower	Upper
55	59.3	53.3	79.9
98	45.9	41.0	61.4



#40
Benzene
Concen: 21.135 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion	78	Resp	224898
Ion Ratio	100	Lower	Upper
77	23.6	18.3	27.5

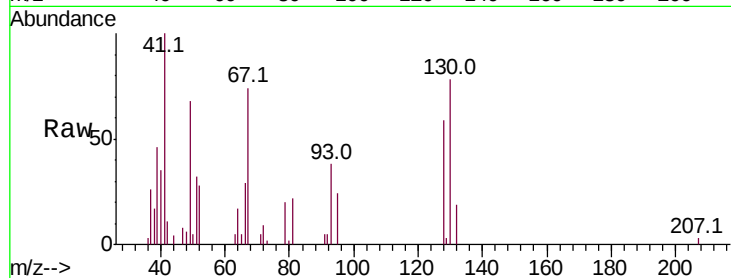




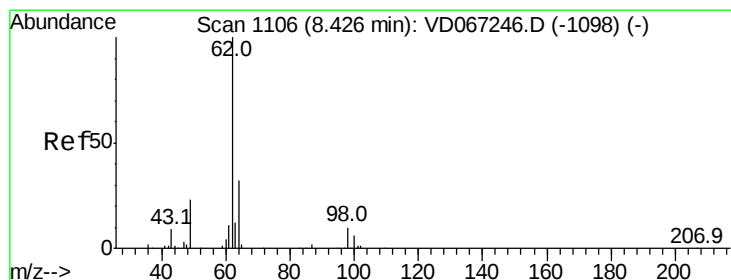
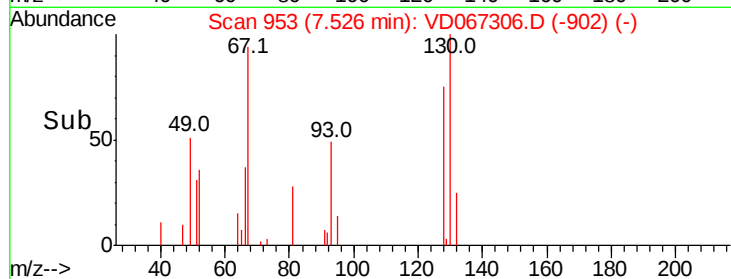
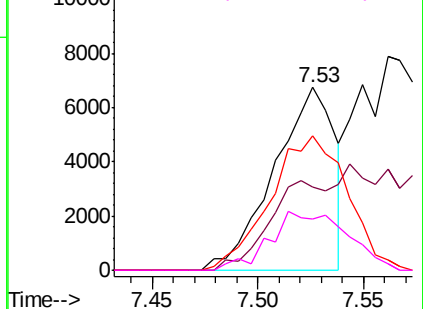
#41
Methacrylonitrile
Concen: 21.943 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tot Ion:	41	Resp:	13532
Ion	Ratio	Lower	Upper
41	100		
39	45.4	60.0	90.0#
67	93.1	88.9	133.3
52	41.0	36.9	55.3

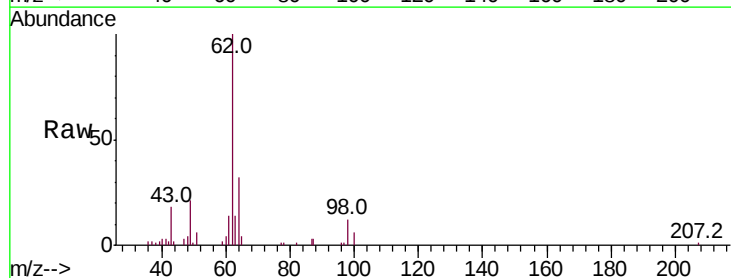


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

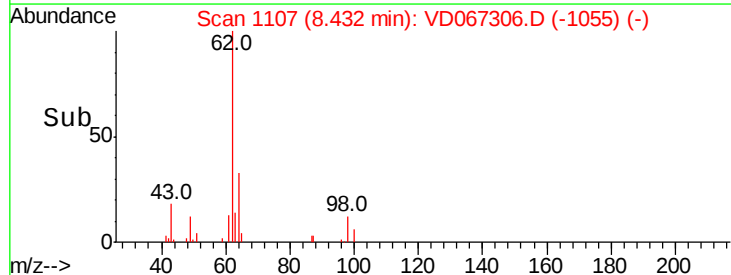
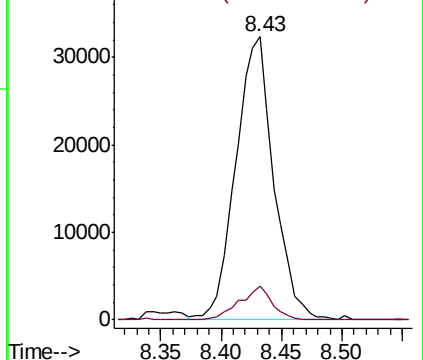


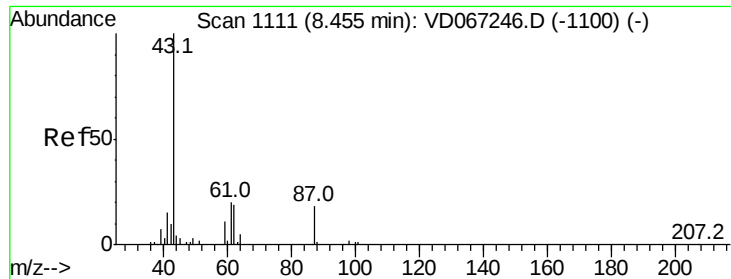
#42
1,2-Dichloroethane
Concen: 21.336 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion:	62	Resp:	71053
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.4



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

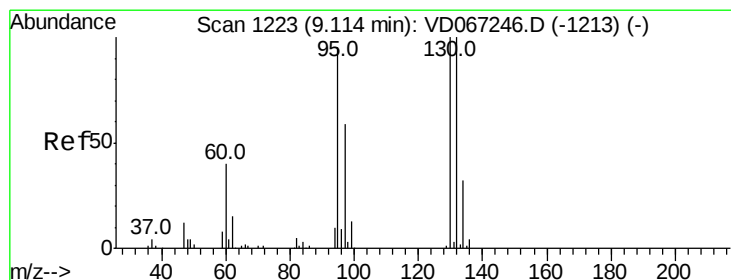
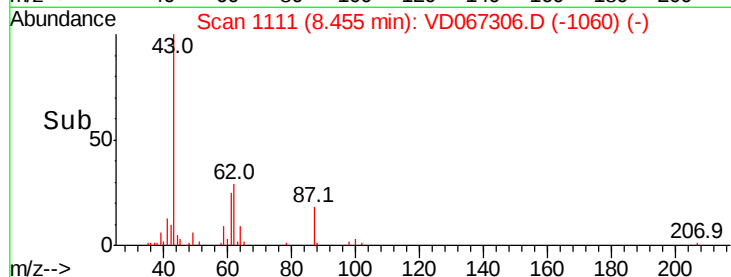
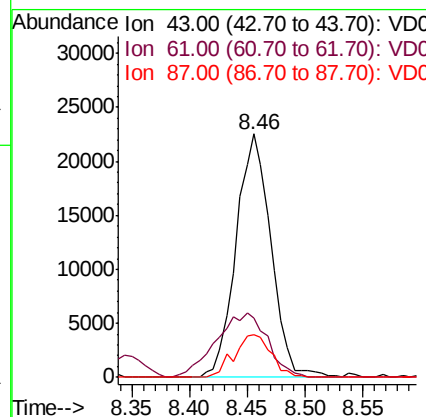
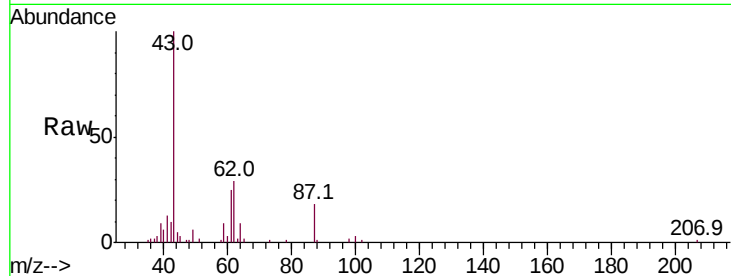




#43
Isopropyl Acetate
Concen: 20.848 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

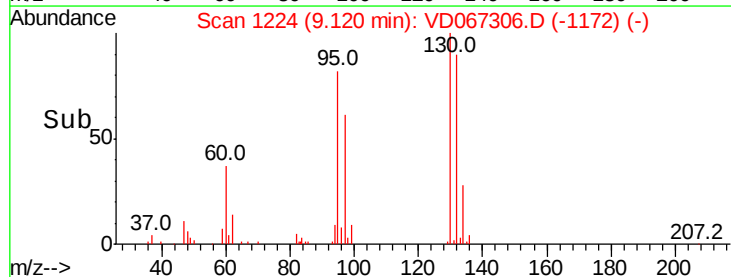
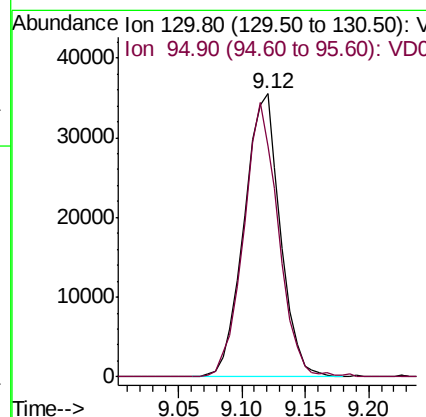
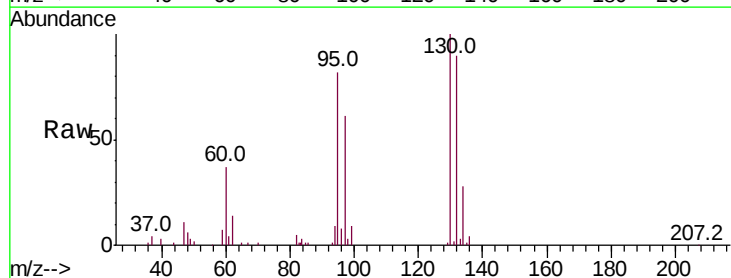
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

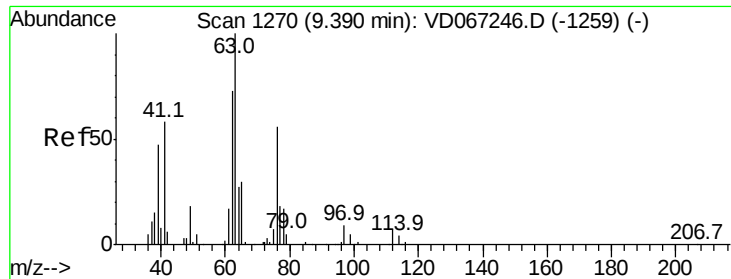
Tot Ion: 43 Resp: 47210
Ion Ratio Lower Upper
43 100
61 38.8 29.5 44.3
87 18.6 14.2 21.4



#44
Trichloroethene
Concen: 20.584 ug/l
RT: 9.12 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion: 130 Resp: 70131
Ion Ratio Lower Upper
130 100
95 81.6 0.0 190.6

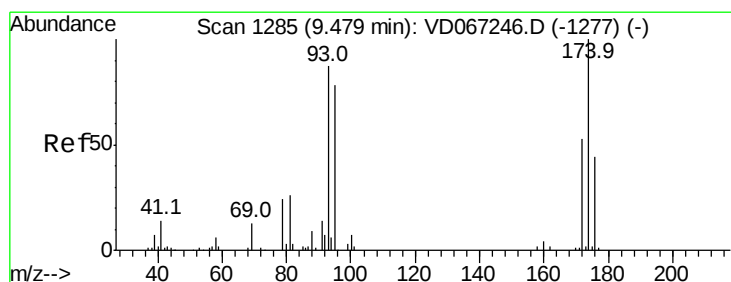
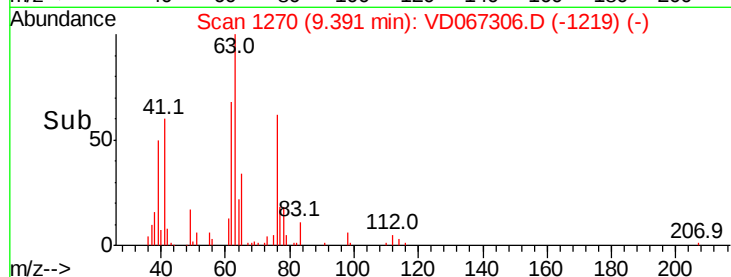
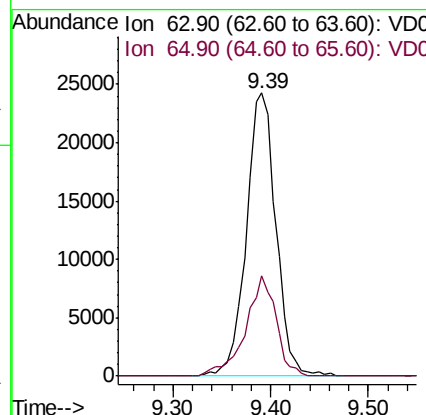
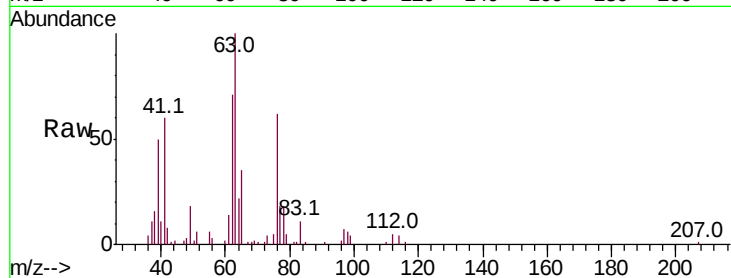




#45
 1,2-Dichloropropane
 Concen: 20.692 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

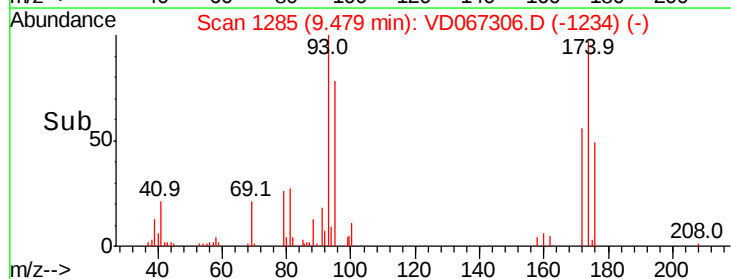
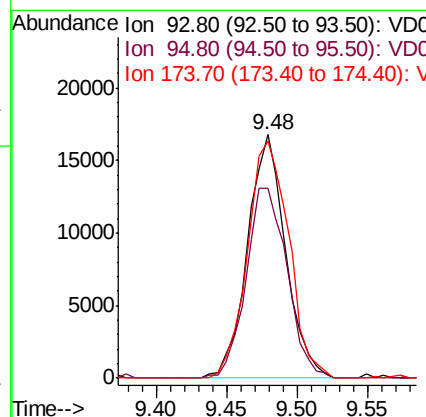
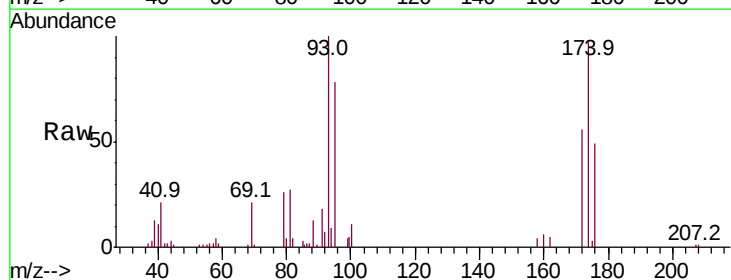
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBSD01

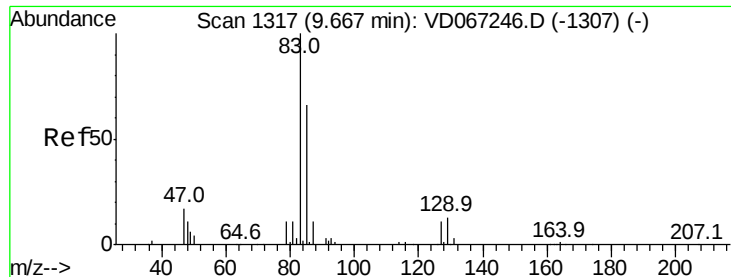
Tot Ion: 63 Resp: 51030
 Ion Ratio Lower Upper
 63 100
 65 35.3 24.6 36.8



#46
 Dibromomethane
 Concen: 20.588 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Tgt Ion: 93 Resp: 31635
 Ion Ratio Lower Upper
 93 100
 95 84.2 68.0 102.0
 174 105.9 91.8 137.6





#47

Bromodichloromethane

Concen: 21.059 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

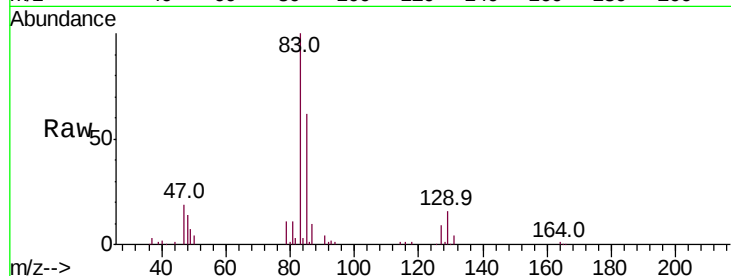
Tot Ion: 83 Resp: 86697

Ion Ratio Lower Upper

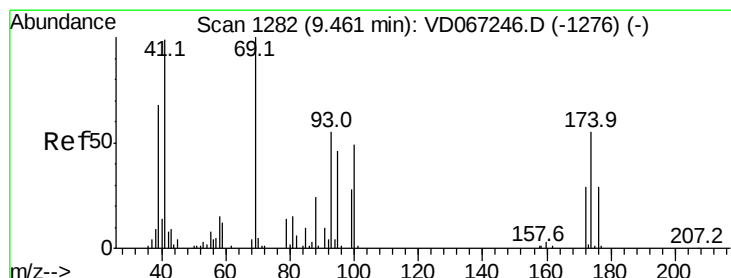
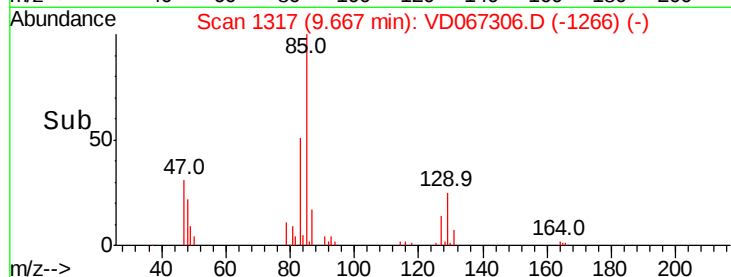
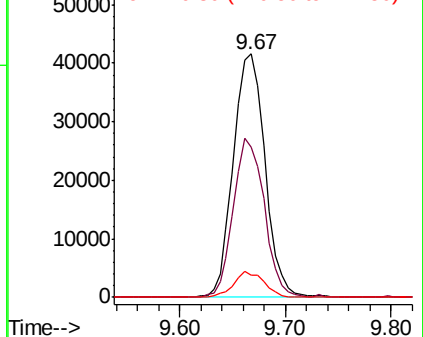
83 100

85 61.7 53.1 79.7

127 8.9 8.6 13.0



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: 22.120 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

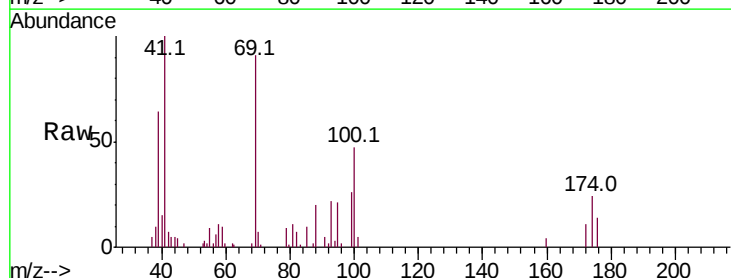
Tgt Ion: 41 Resp: 24342

Ion Ratio Lower Upper

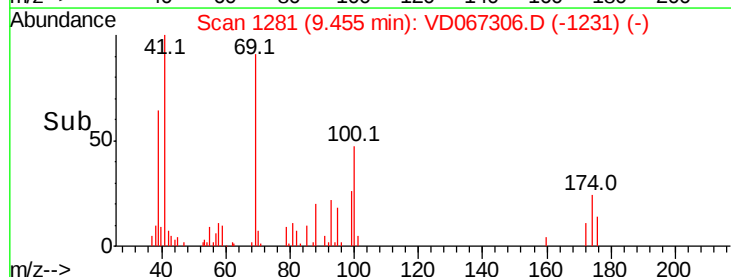
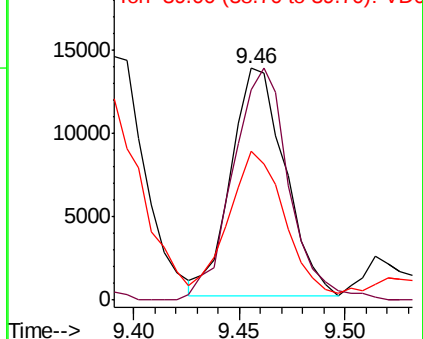
41 100

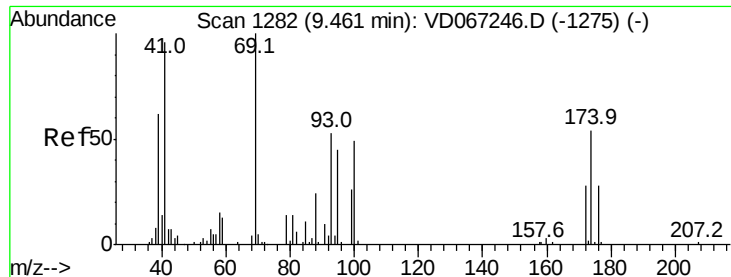
69 105.8 89.0 133.6

39 69.8 60.2 90.2



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: 426.575 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBSD01

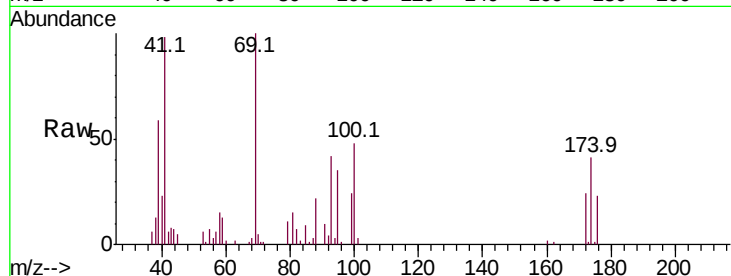
Tot Ion: 88 Resp: 6602

Ion Ratio Lower Upper

88 100

43 29.7 23.9 35.9

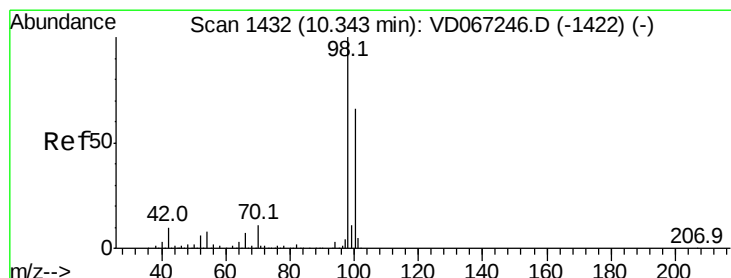
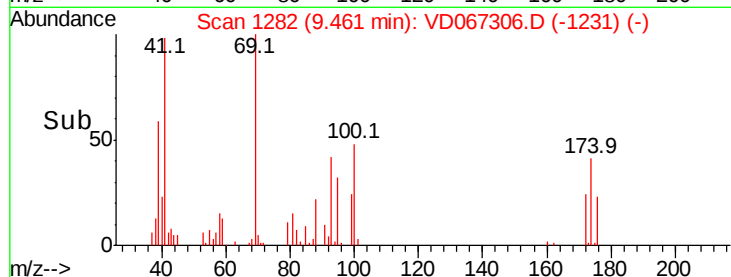
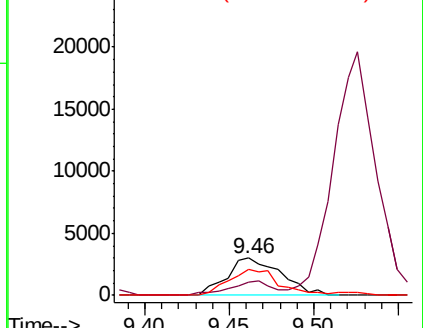
58 65.8 51.0 76.6



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: 51.914 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067306.D

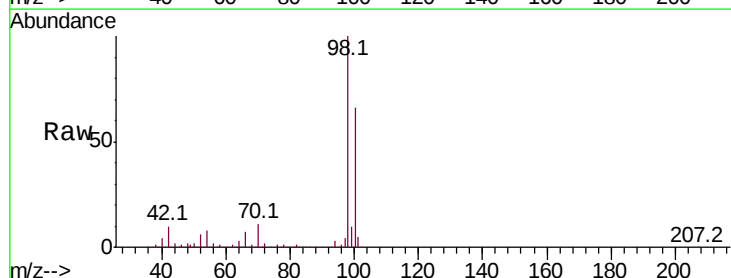
Acq: 19 Oct 2020 13:56

Tgt Ion: 98 Resp: 572187

Ion Ratio Lower Upper

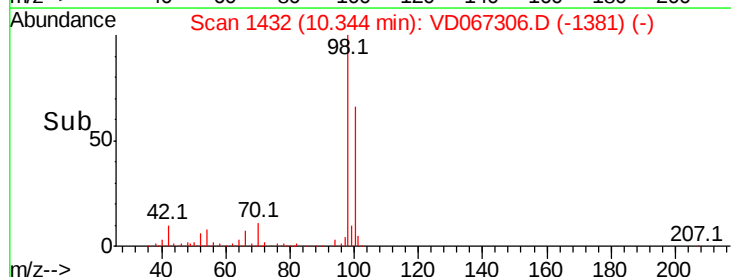
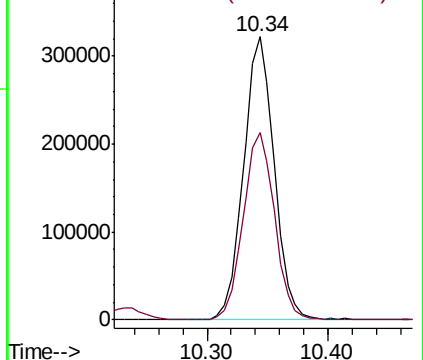
98 100

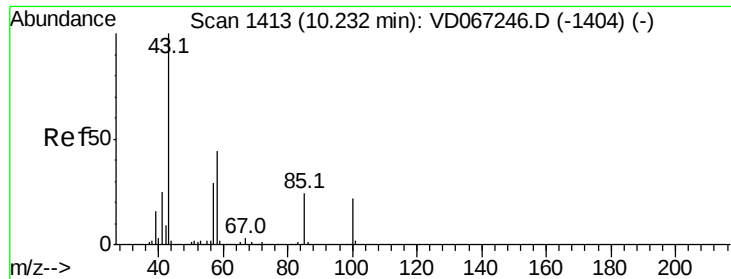
100 67.6 53.1 79.7



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: 108.186 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

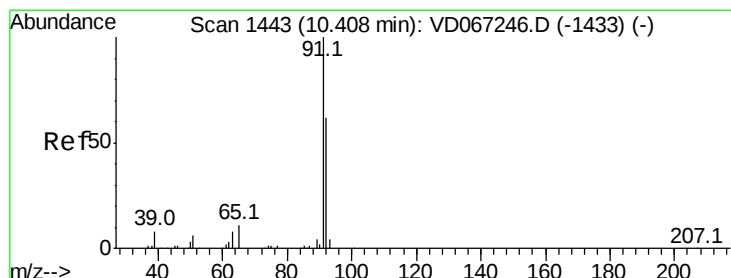
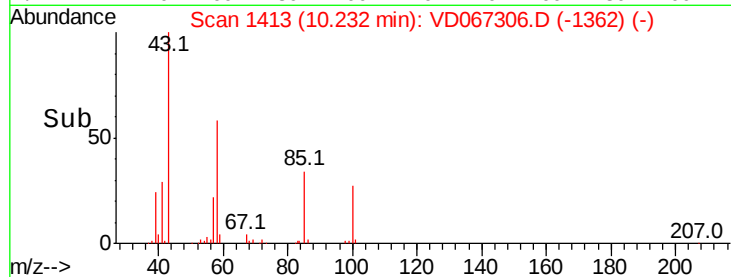
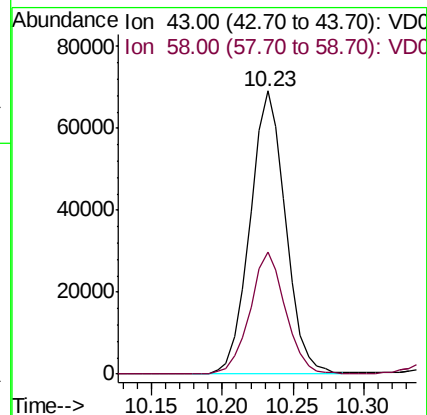
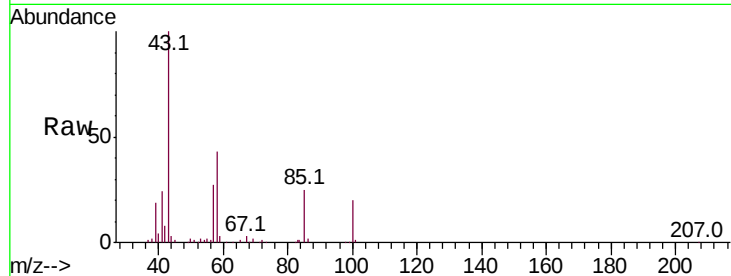
VD1019SBSD01

Tot Ion: 43 Resp: 122191

Ion Ratio Lower Upper

43 100

58 43.1 35.7 53.5



#52

Toluene

Concen: 21.240 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067306.D

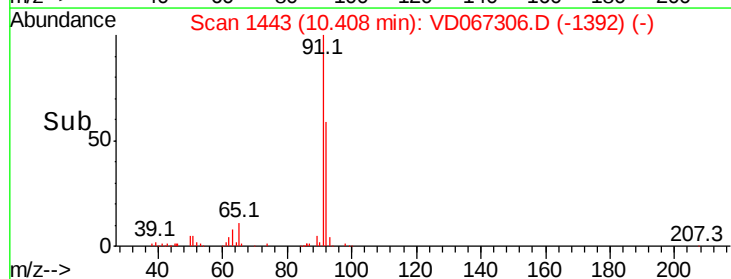
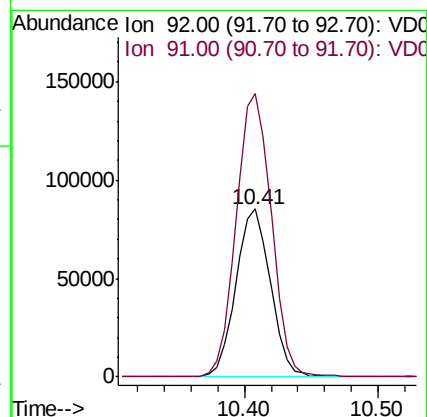
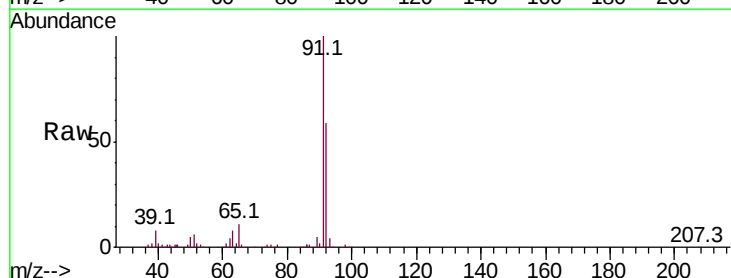
Acq: 19 Oct 2020 13:56

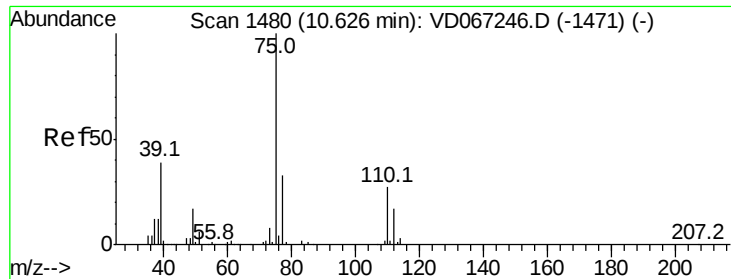
Tgt Ion: 92 Resp: 153944

Ion Ratio Lower Upper

92 100

91 171.0 133.8 200.8

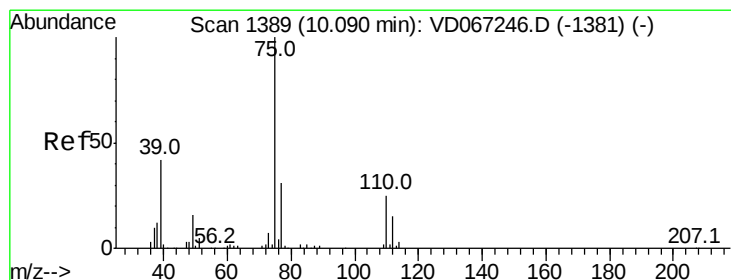
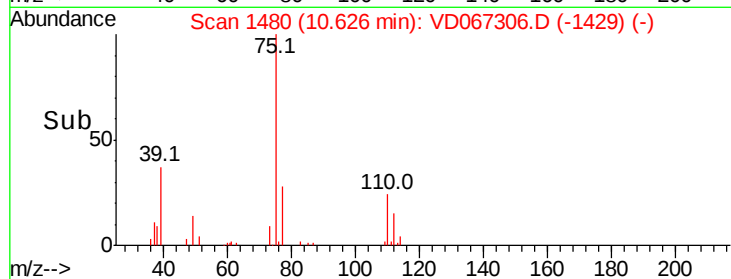
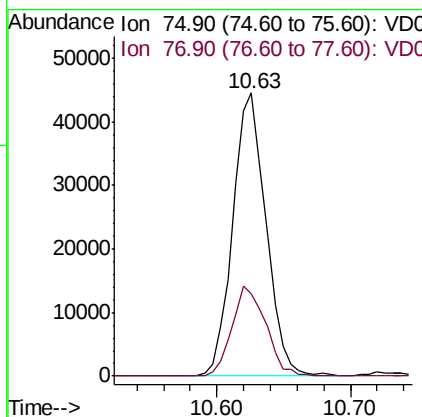
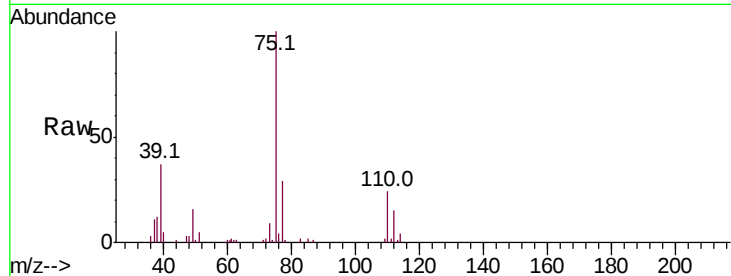




#53
t-1,3-Dichloropropene
Concen: 21.326 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

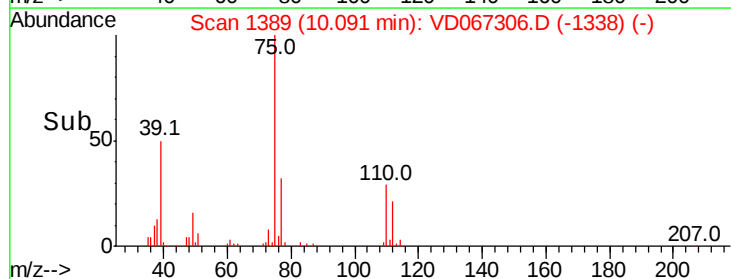
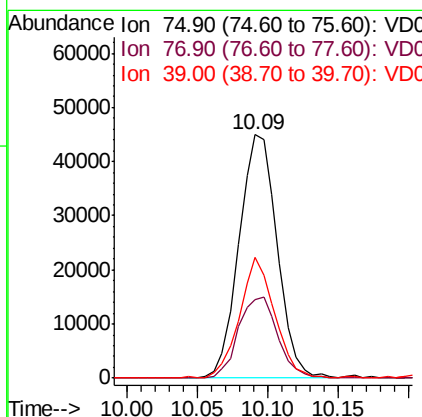
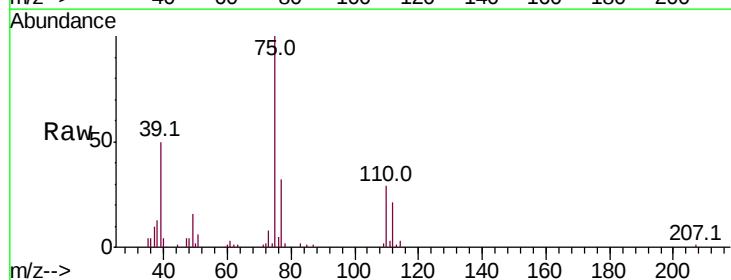
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

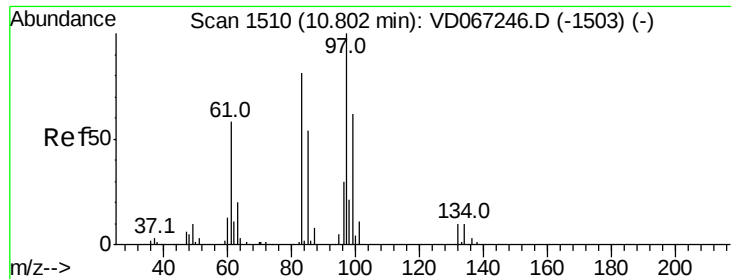
Tot Ion: 75 Resp: 77123
Ion Ratio Lower Upper
75 100
77 28.9 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 20.104 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion: 75 Resp: 85088
Ion Ratio Lower Upper
75 100
77 32.1 24.5 36.7
39 49.8 33.7 50.5





#55

1,1,2-Trichloroethane

Concen: 21.447 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

Tot Ion: 97 Resp: 44938

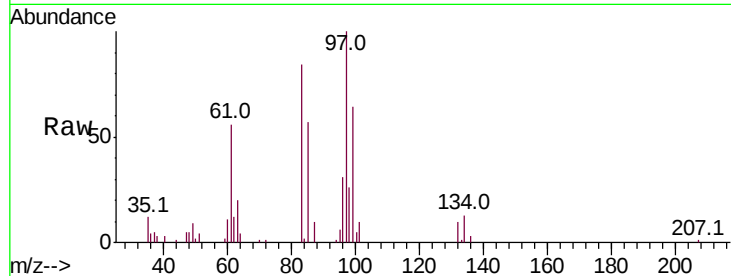
Ion Ratio Lower Upper

97 100

83 84.2 64.9 97.3

85 57.0 43.3 64.9

99 63.8 49.1 73.7

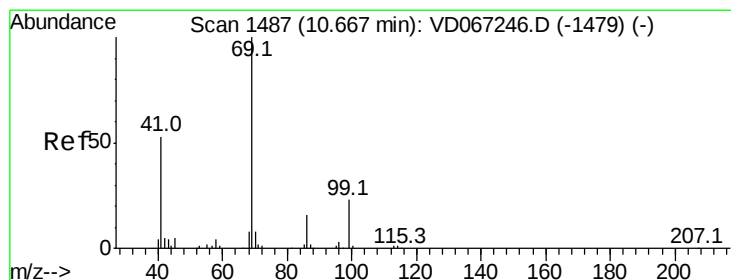
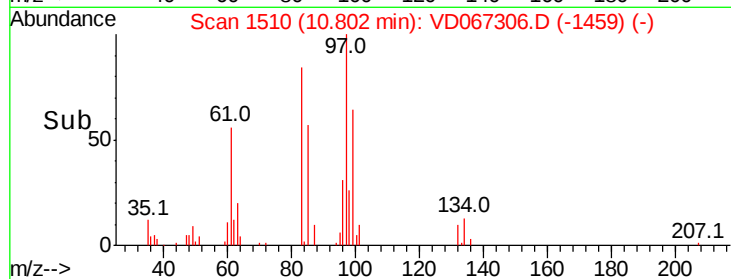
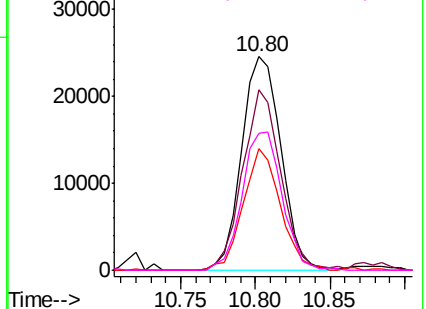


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 21.694 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

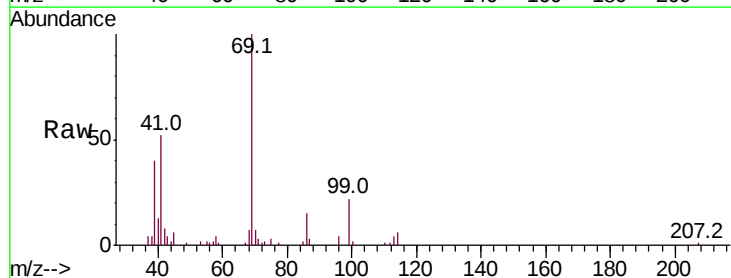
Tgt Ion: 69 Resp: 47142

Ion Ratio Lower Upper

69 100

41 51.4 44.7 67.1

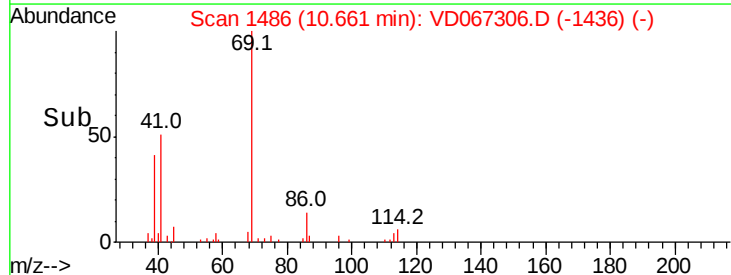
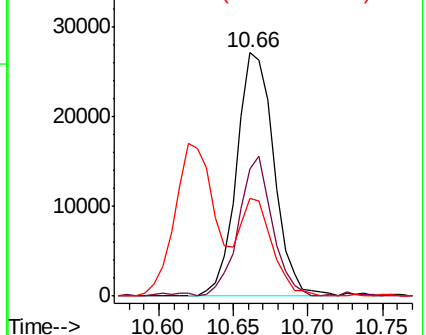
39 33.6 26.2 39.2

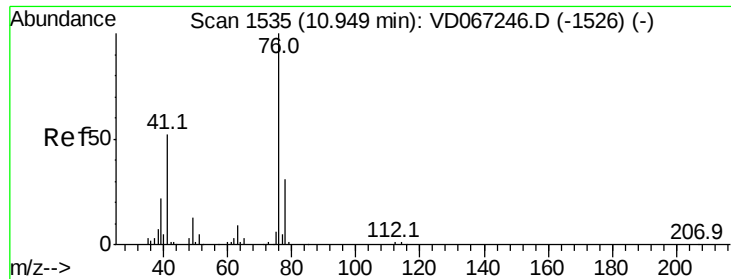


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 21.900 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

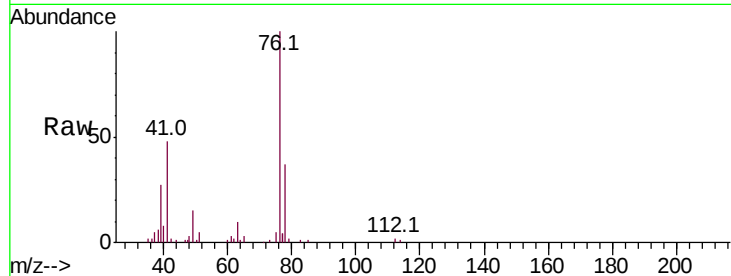
VD1019SBSD01

Tot Ion: 76 Resp: 73025

Ion Ratio Lower Upper

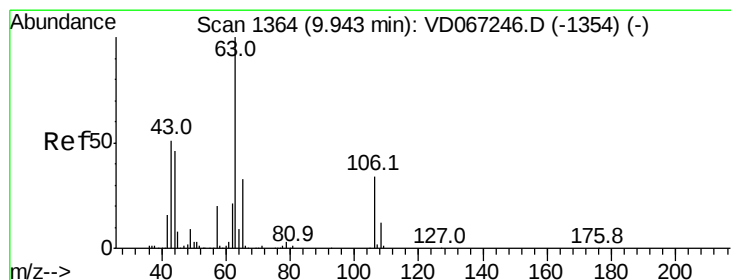
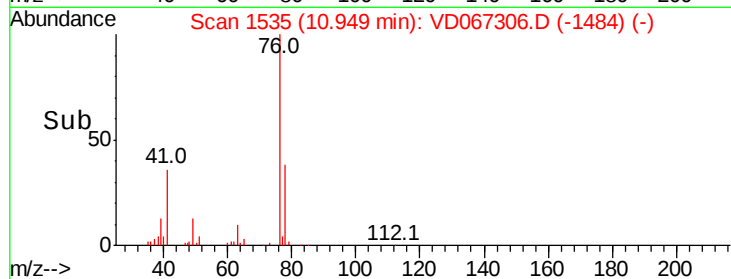
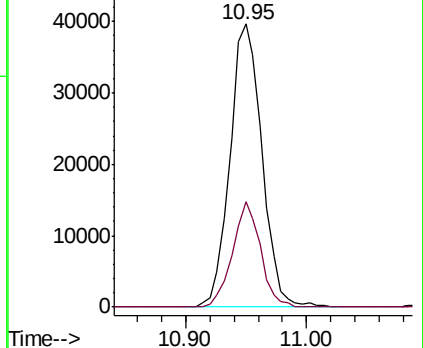
76 100

78 32.6 26.8 40.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 105.959 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067306.D

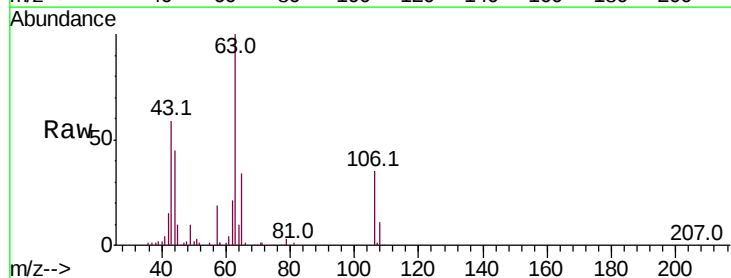
Acq: 19 Oct 2020 13:56

Tgt Ion: 63 Resp: 118121

Ion Ratio Lower Upper

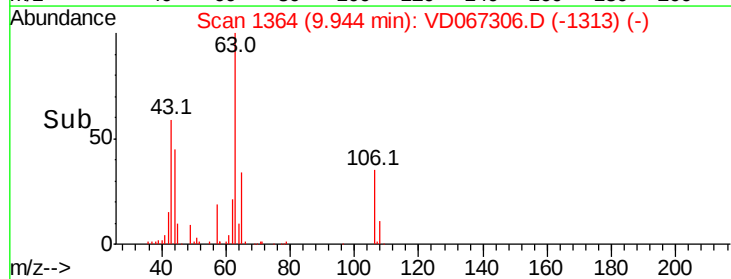
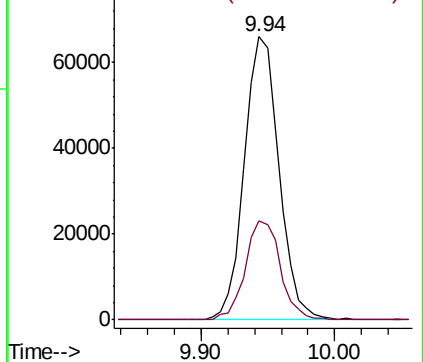
63 100

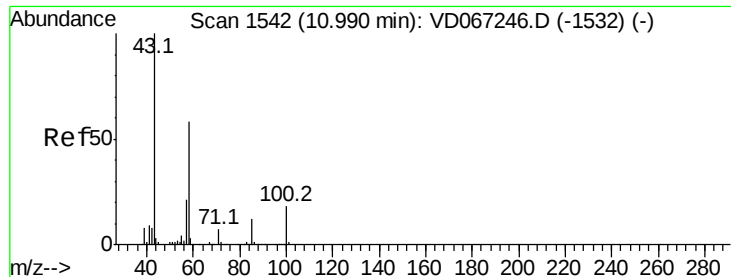
106 35.3 27.8 41.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

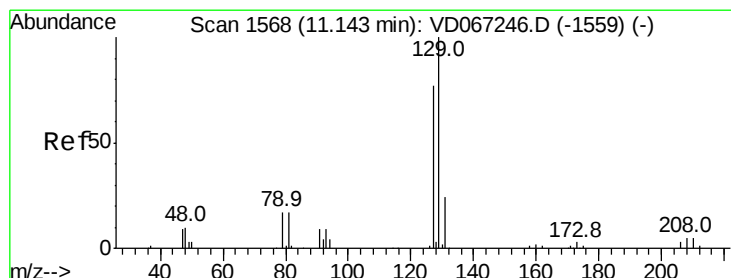
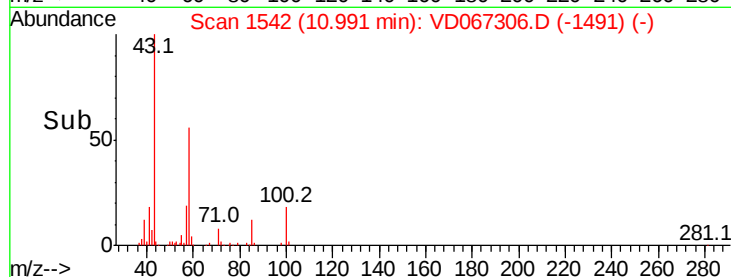
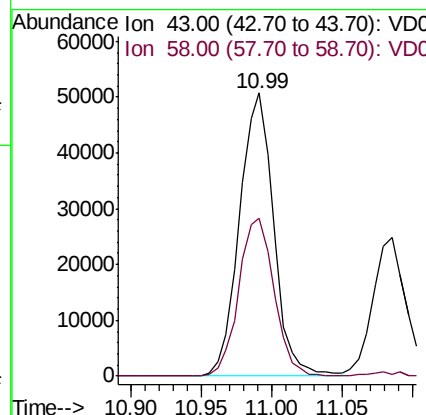
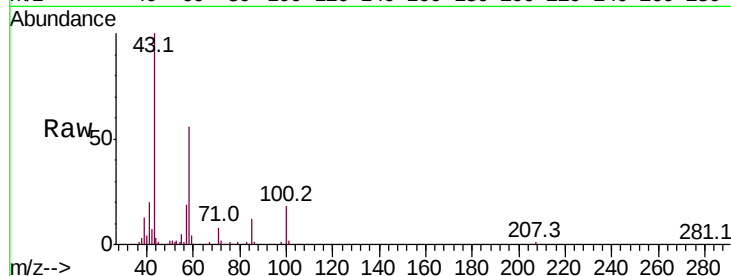




#59
2-Hexanone
Concen: 111.408 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

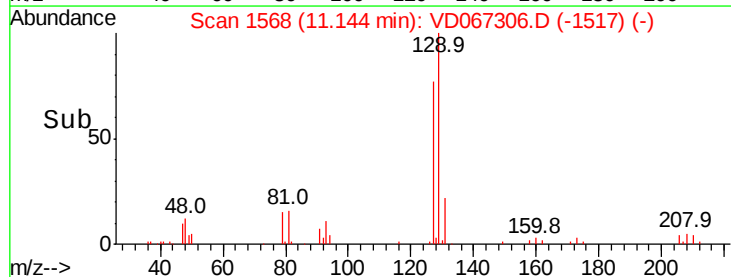
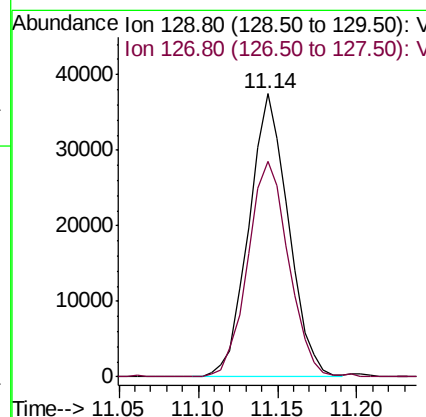
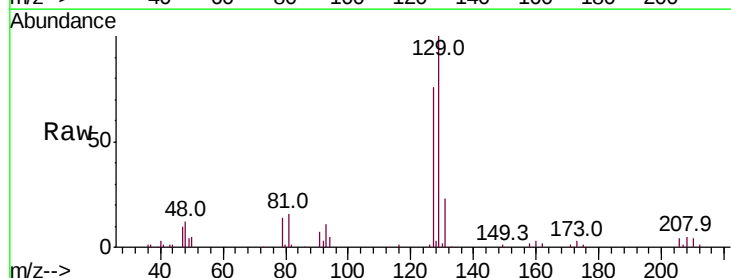
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

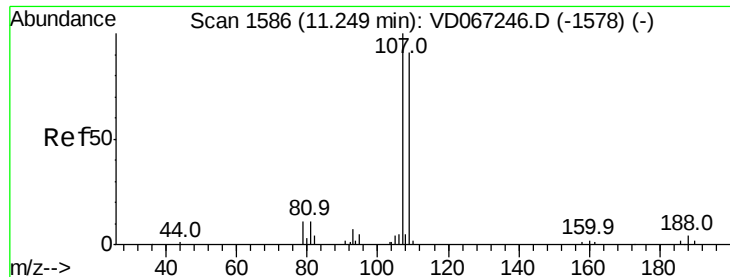
Tot Ion: 43 Resp: 85984
Ion Ratio Lower Upper
43 100
58 57.6 29.3 87.9



#60
Dibromochloromethane
Concen: 21.260 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion: 129 Resp: 64965
Ion Ratio Lower Upper
129 100
127 78.7 38.3 114.8

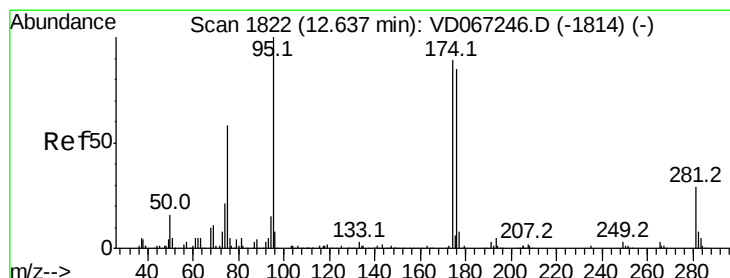
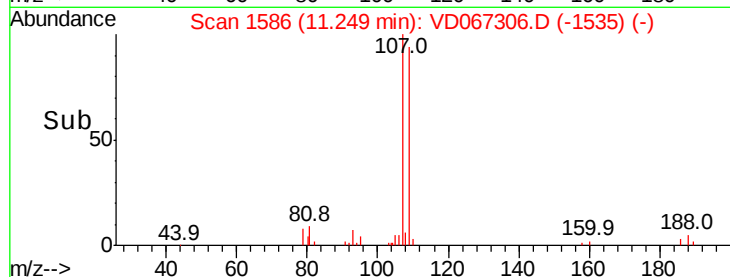
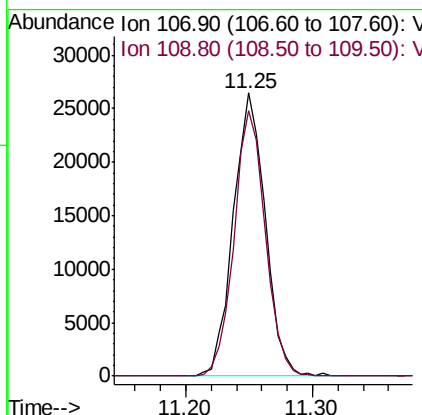
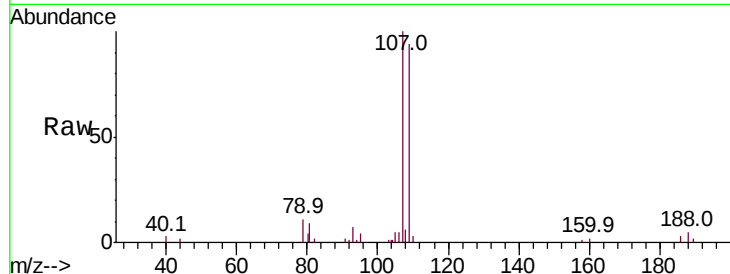




#61
 1,2-Dibromoethane
 Concen: 22.276 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

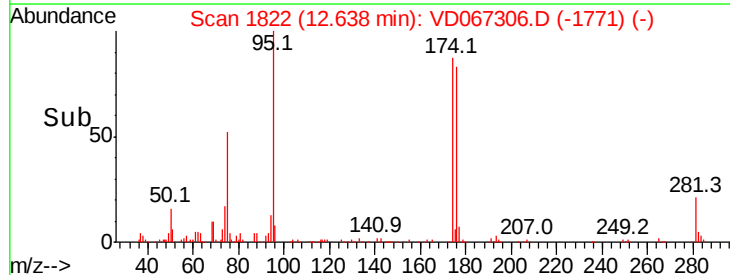
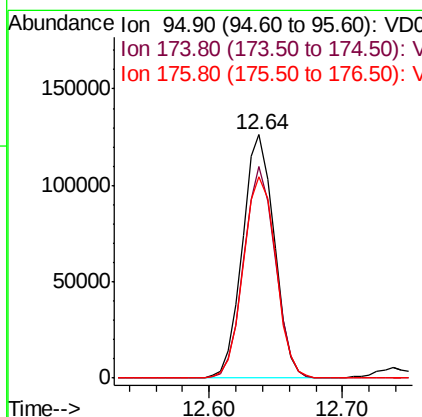
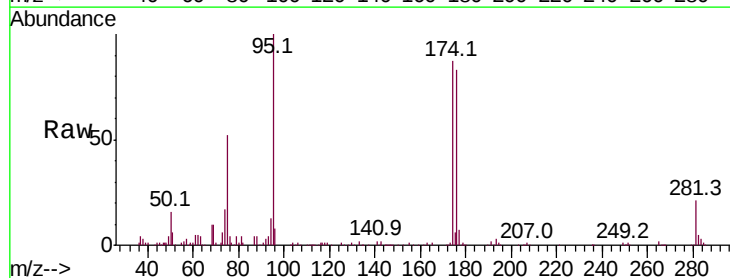
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBSD01

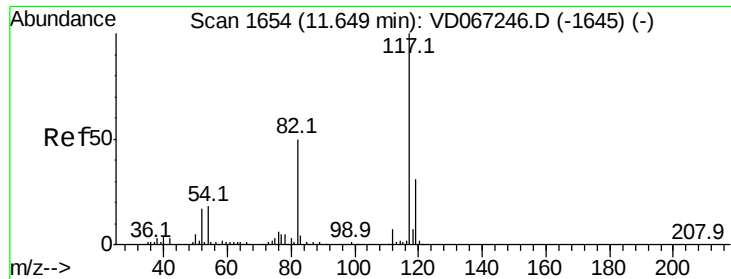
Tot Ion:107 Resp: 46015
 Ion Ratio Lower Upper
 107 100
 109 91.6 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 54.314 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Tgt Ion: 95 Resp: 208161
 Ion Ratio Lower Upper
 95 100
 174 85.3 0.0 175.2
 176 84.3 0.0 168.6

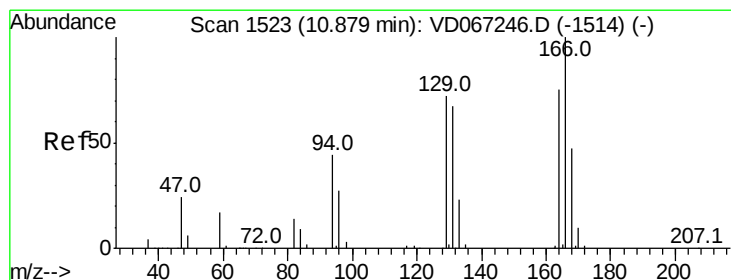
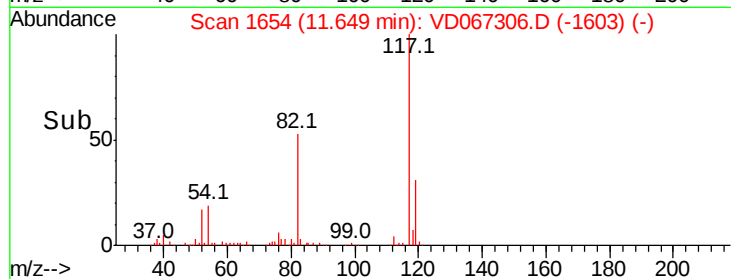
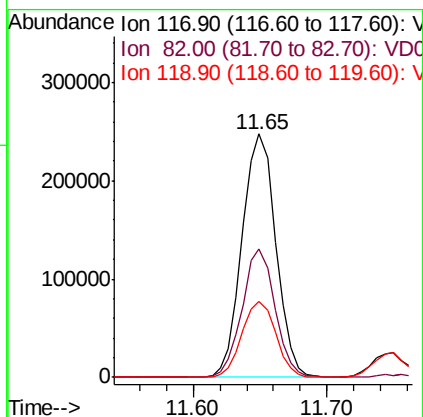
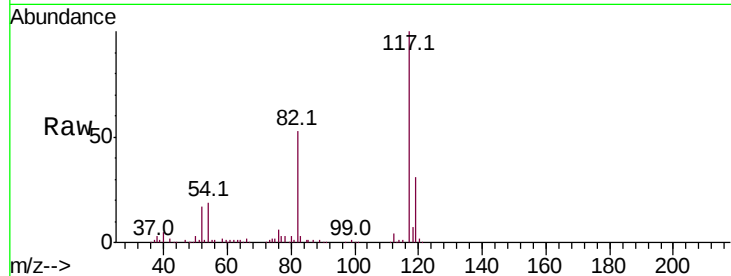




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

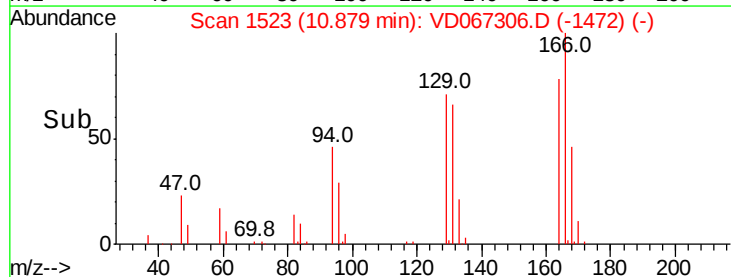
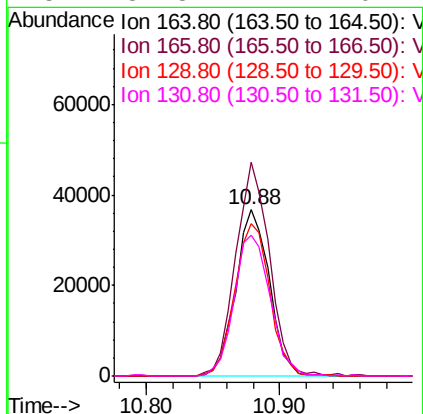
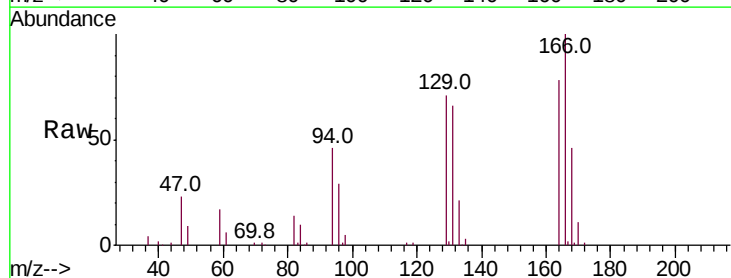
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

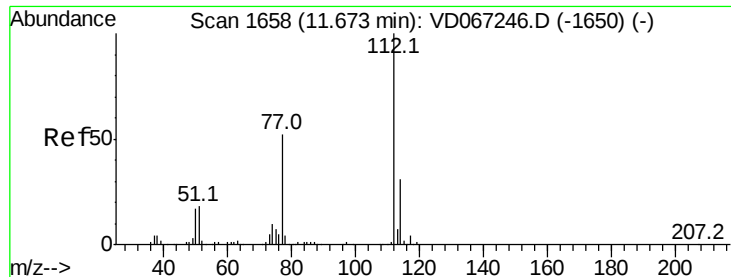
Tot Ion:117 Resp: 434208
Ion Ratio Lower Upper
117 100
82 52.7 39.9 59.9
119 31.4 24.9 37.3



#64
Tetrachloroethene
Concen: 20.382 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion:164 Resp: 64122
Ion Ratio Lower Upper
164 100
166 128.7 107.3 160.9
129 91.9 77.3 115.9
131 84.8 71.4 107.2





#65

Chlorobenzene

Concen: 20.654 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

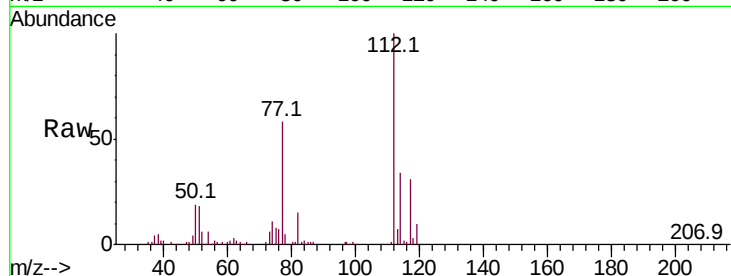
VD1019SBS01

Tot Ion:112 Resp: 171976

Ion Ratio Lower Upper

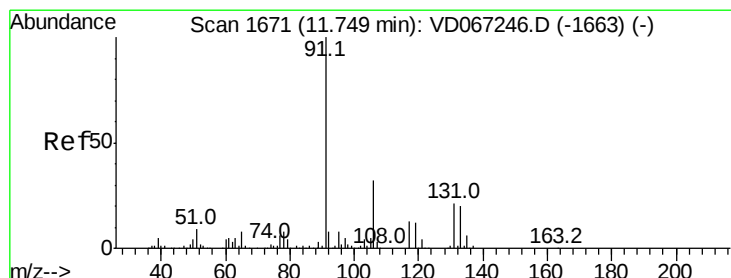
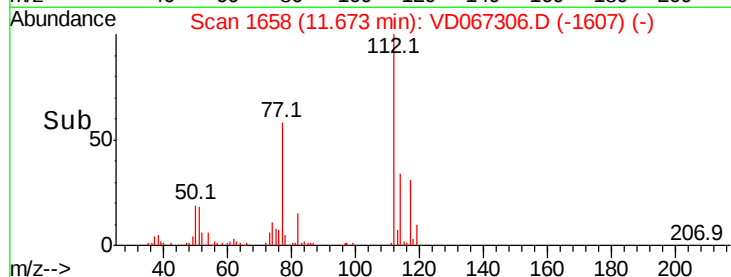
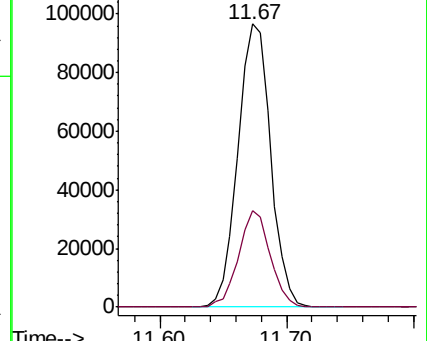
112 100

114 34.0 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.276 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

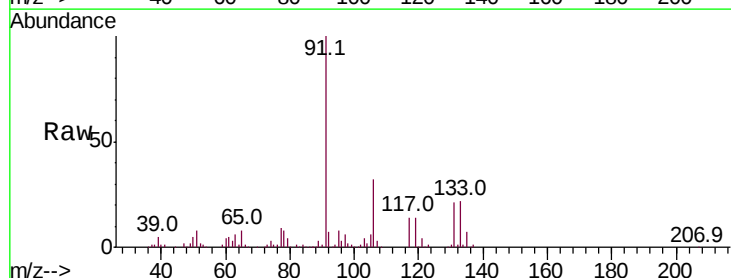
Tgt Ion:131 Resp: 67099

Ion Ratio Lower Upper

131 100

133 100.4 48.1 144.3

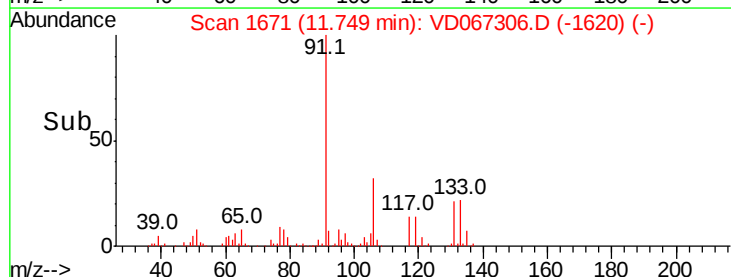
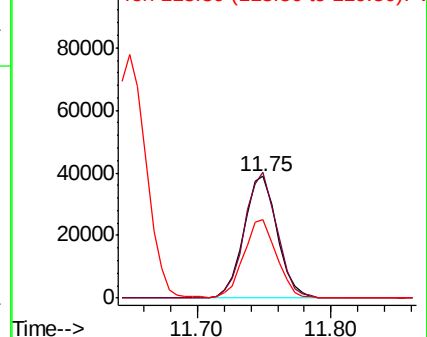
119 63.5 30.0 90.0

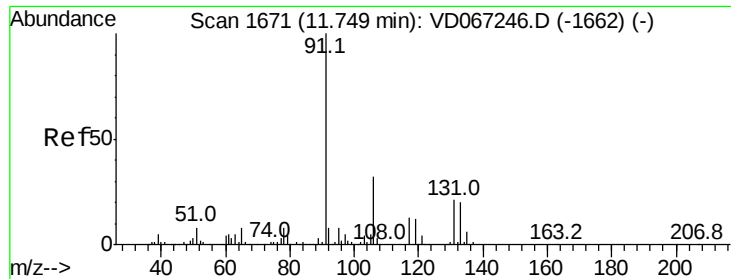


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.282 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

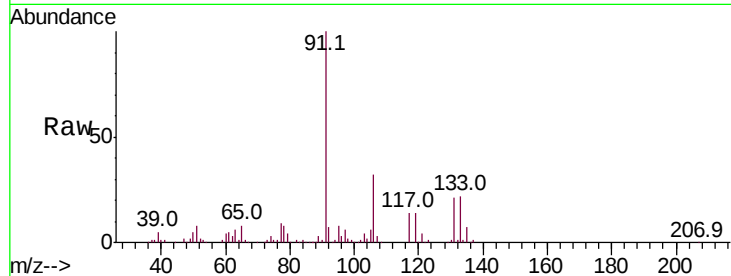
VD1019SBS01

Tot Ion: 91 Resp: 289485

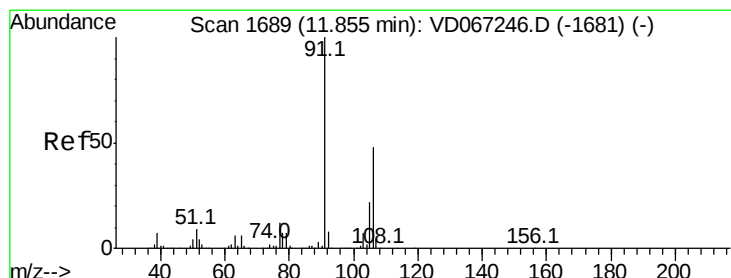
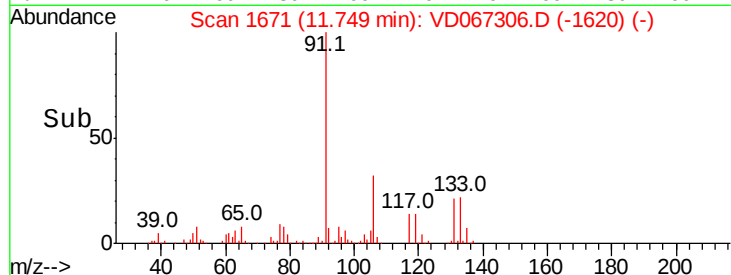
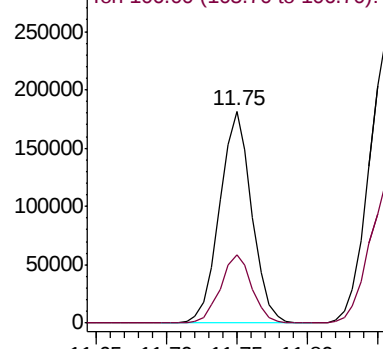
Ion Ratio Lower Upper

91 100

106 32.4 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 42.586 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD067306.D

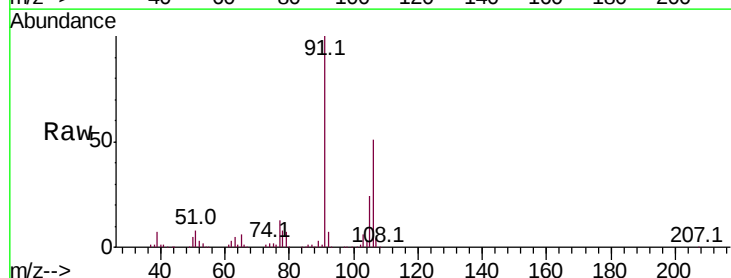
Acq: 19 Oct 2020 13:56

Tgt Ion: 106 Resp: 234069

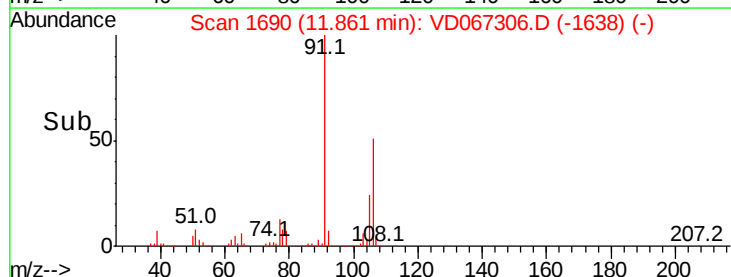
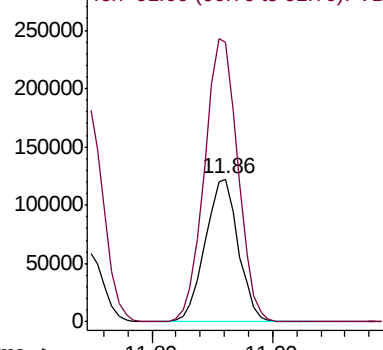
Ion Ratio Lower Upper

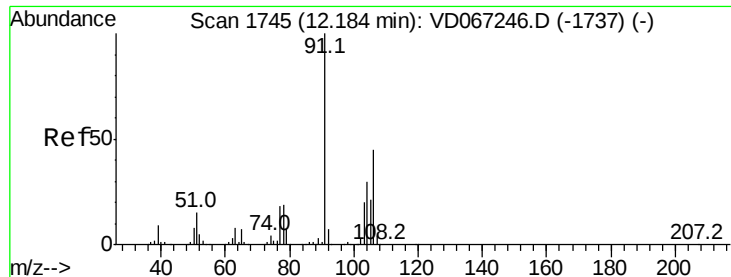
106 100

91 200.0 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

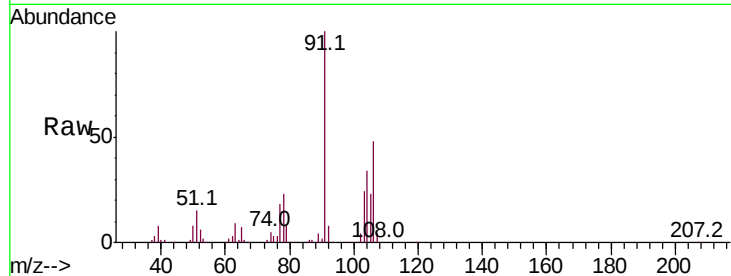




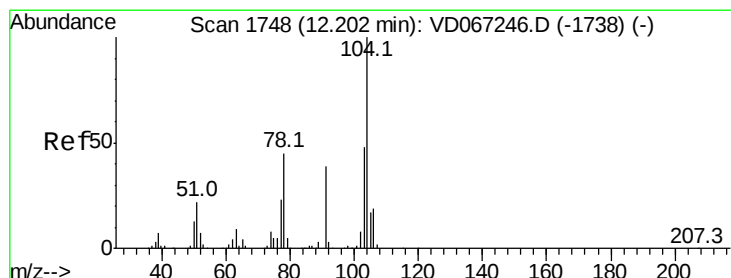
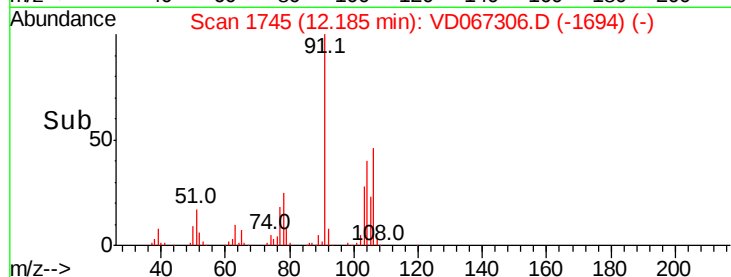
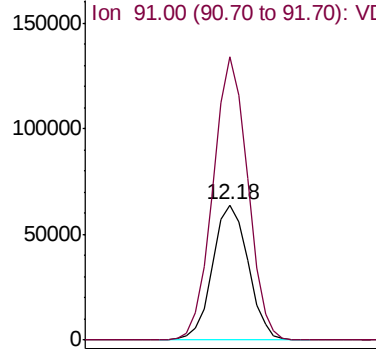
#69
o-Xylene
Concen: 20.735 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

Tot Ion:106 Resp: 105532
Ion Ratio Lower Upper
106 100
91 204.9 109.1 327.3

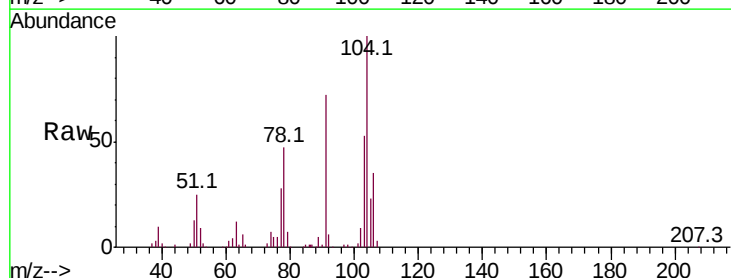


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

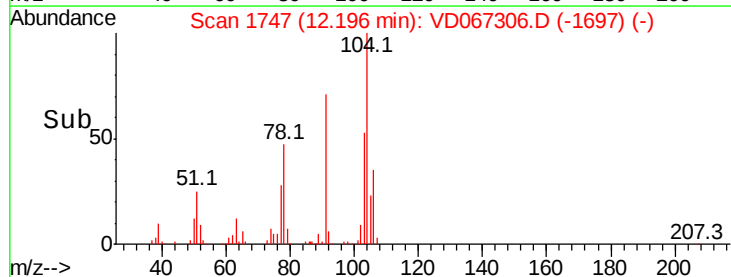
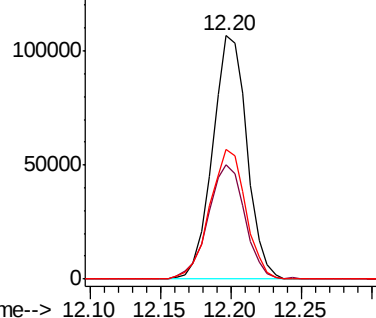


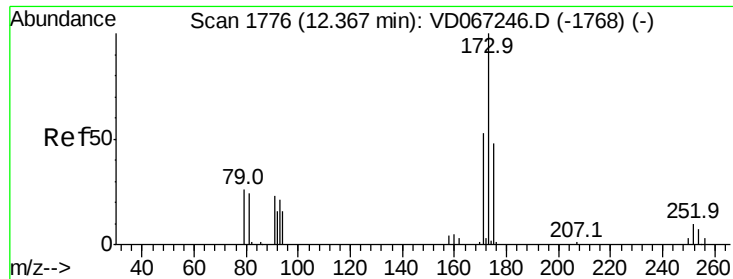
#70
Styrene
Concen: 20.767 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion:104 Resp: 181952
Ion Ratio Lower Upper
104 100
78 50.2 39.8 59.6
103 55.8 42.6 64.0



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





#71

Bromoform

Concen: 20.357 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

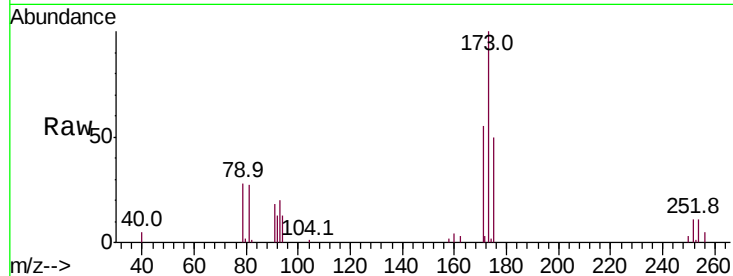
Tot Ion:173 Resp: 36191

Ion Ratio Lower Upper

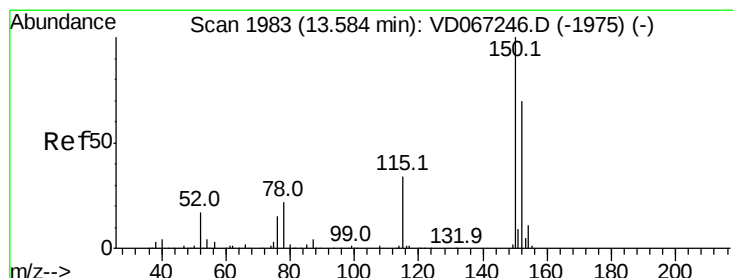
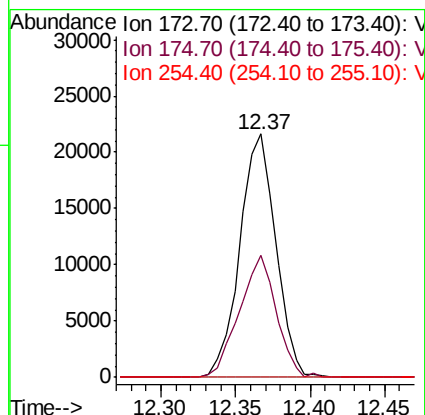
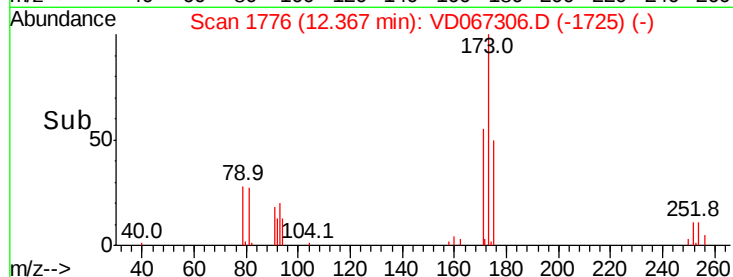
173 100

175 51.0 24.2 72.6

254 0.0 0.1 0.1#



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. -0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

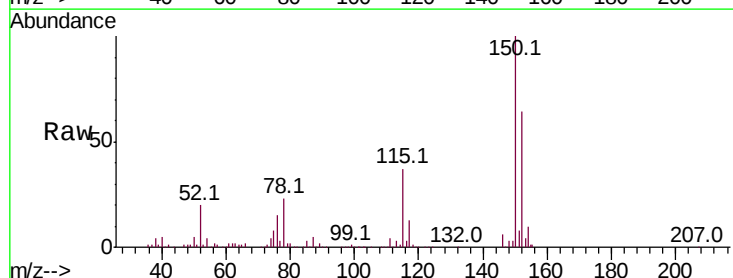
Tgt Ion:152 Resp: 218793

Ion Ratio Lower Upper

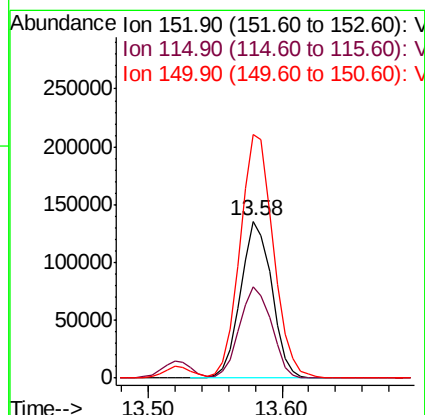
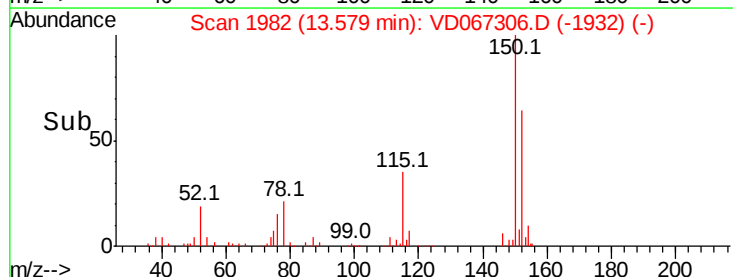
152 100

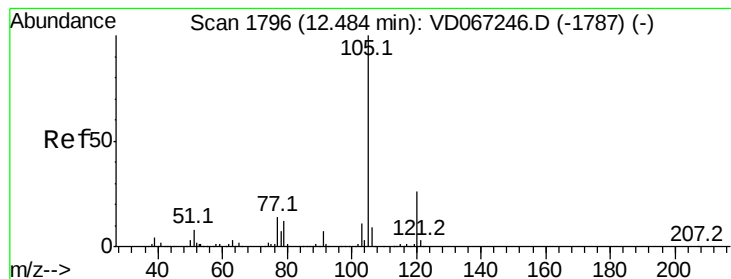
115 59.9 29.3 87.9

150 165.3 0.0 339.0



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: 21.556 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

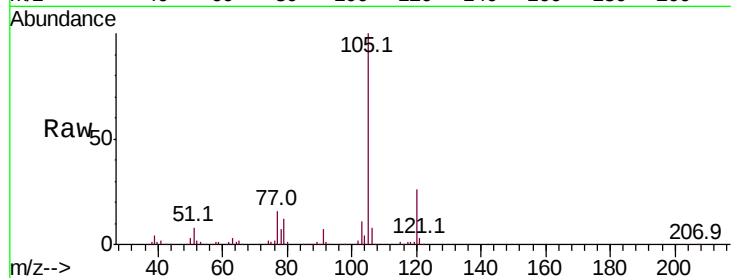
VD1019SBS01

Tot Ion:105 Resp: 299330

Ion Ratio Lower Upper

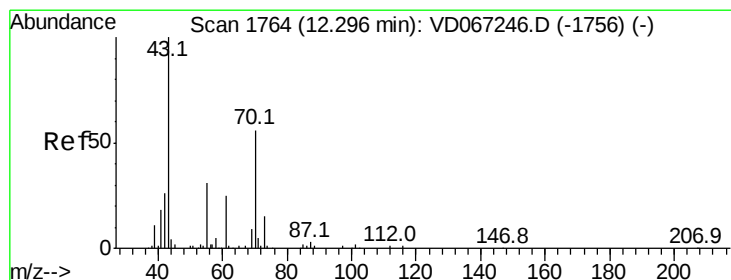
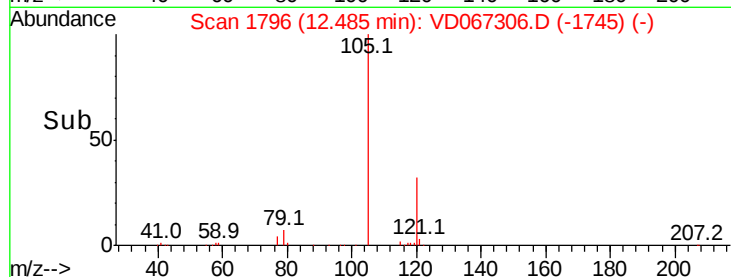
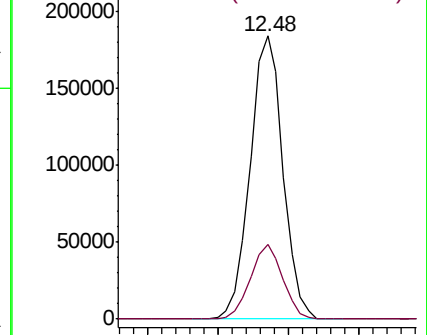
105 100

120 26.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.841 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Tgt Ion: 43 Resp: 45805

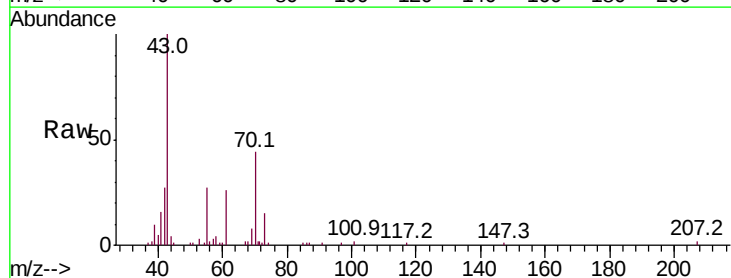
Ion Ratio Lower Upper

43 100

70 50.5 42.7 64.1

55 29.7 24.0 36.0

61 26.0 22.2 33.4

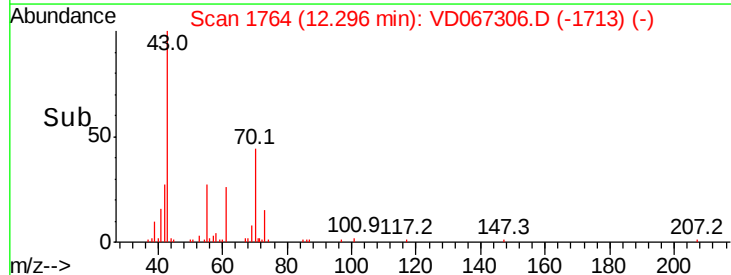
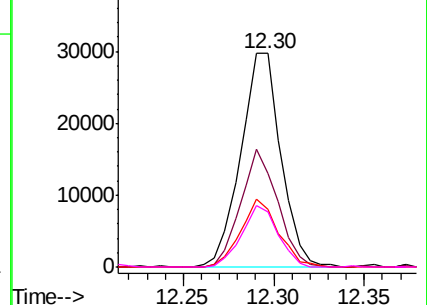


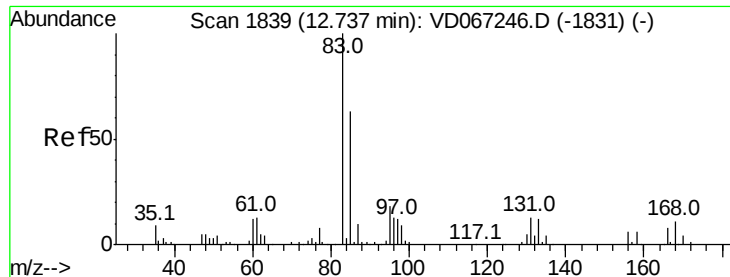
Abundance Ion 43.00 (42.70 to 43.70): V

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: 22.183 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

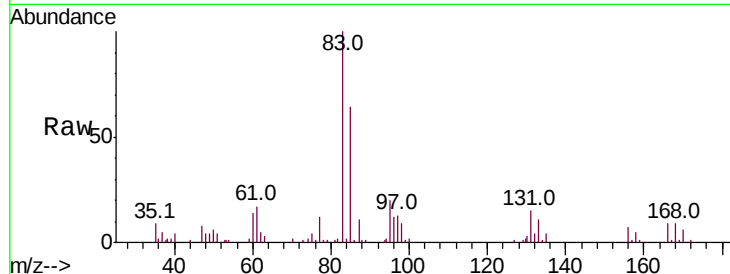
Tot Ion: 83 Resp: 47199

Ion Ratio Lower Upper

83 100

131 13.1 6.5 19.5

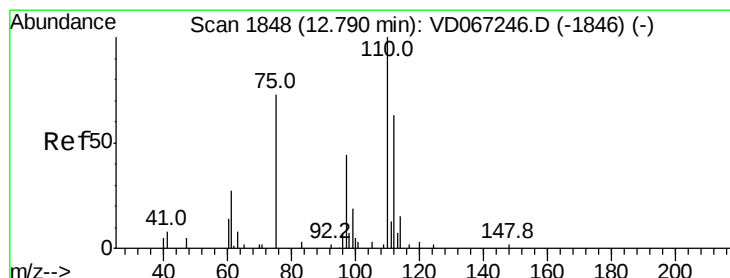
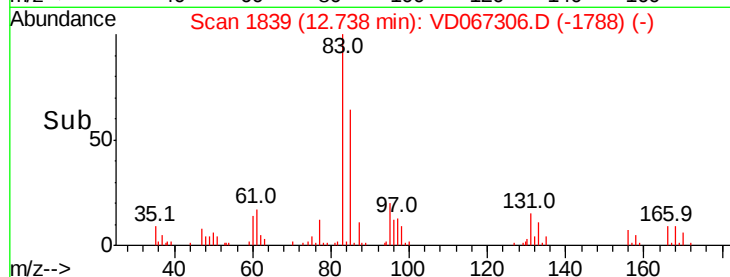
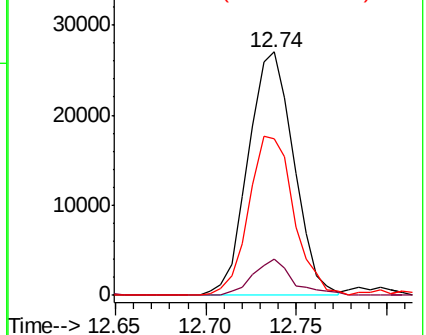
85 64.8 32.6 97.7



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: 41.105 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067306.D

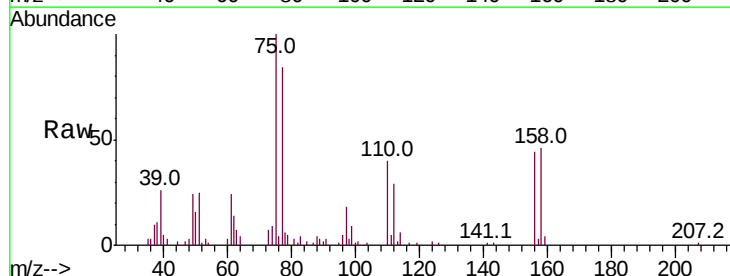
Acq: 19 Oct 2020 13:56

Tgt Ion: 75 Resp: 62334

Ion Ratio Lower Upper

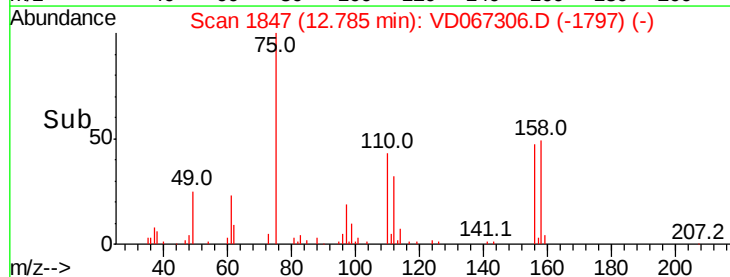
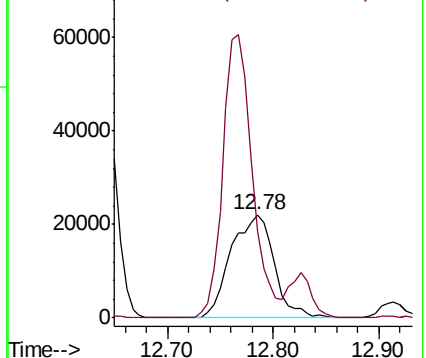
75 100

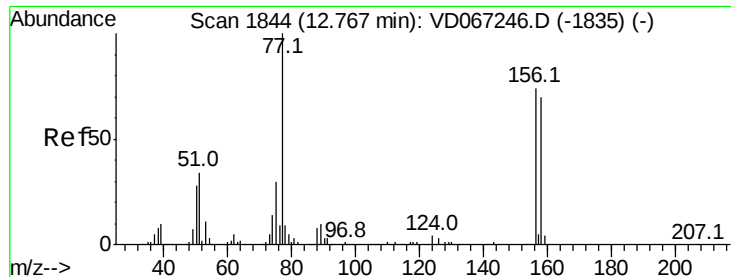
77 188.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.112 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

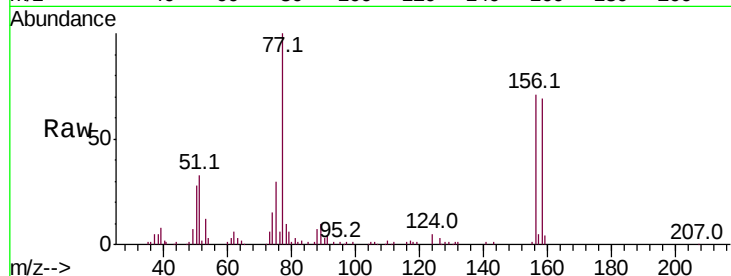
Tot Ion:156 Resp: 73089

Ion Ratio Lower Upper

156 100

77 160.6 78.0 233.8

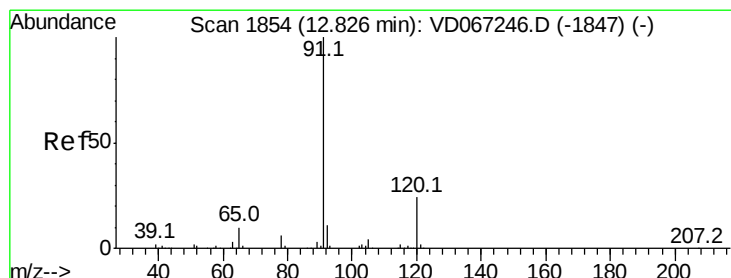
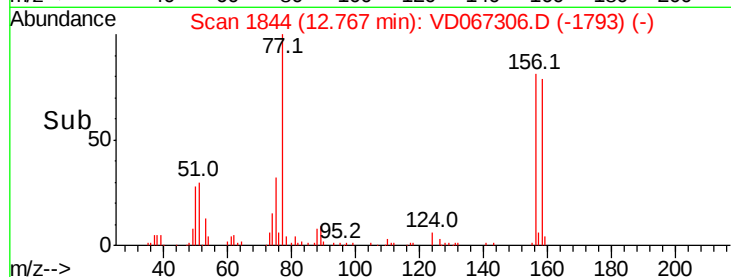
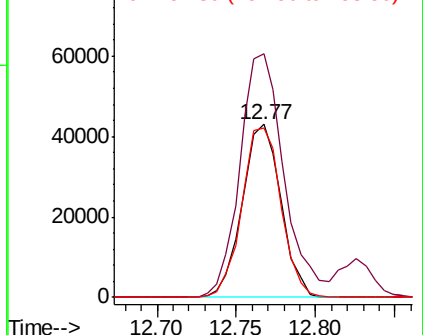
158 99.3 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.354 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067306.D

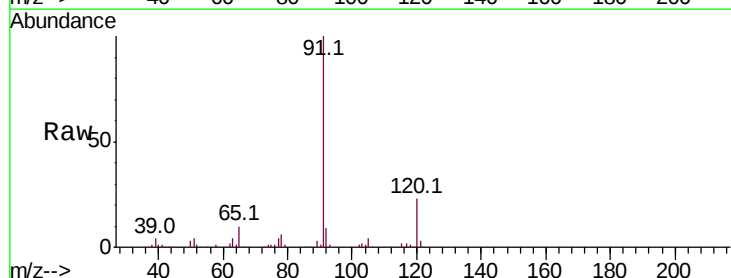
Acq: 19 Oct 2020 13:56

Tgt Ion: 91 Resp: 343558

Ion Ratio Lower Upper

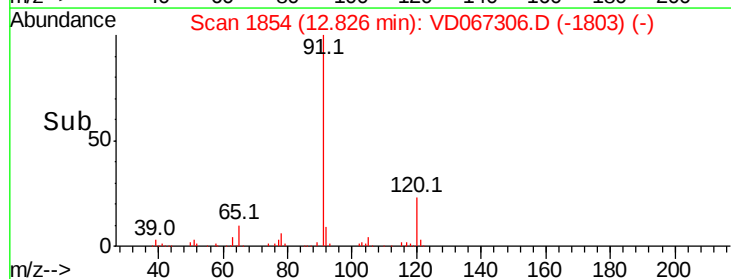
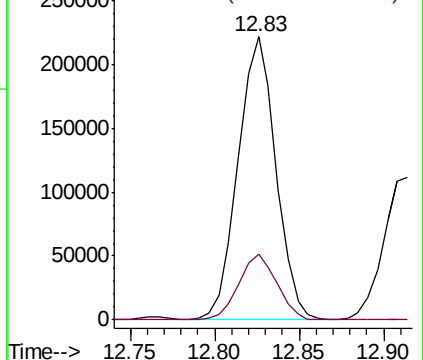
91 100

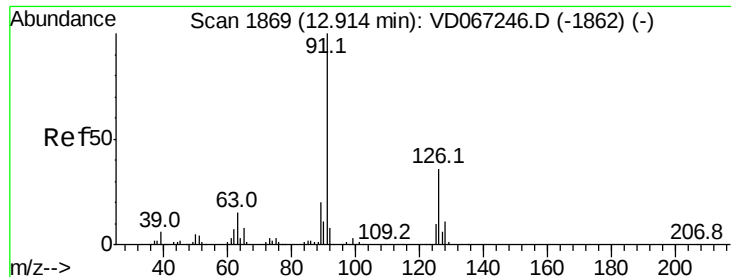
120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.799 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

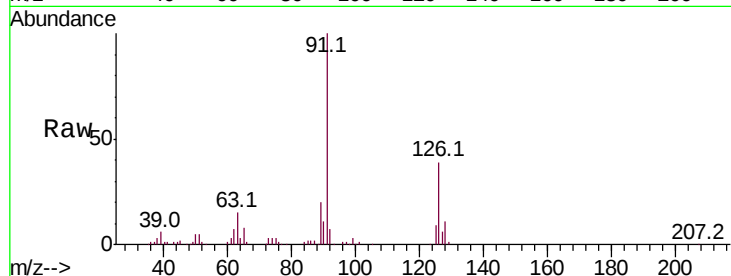
VD1019SBS01

Tot Ion: 91 Resp: 194060

Ion Ratio Lower Upper

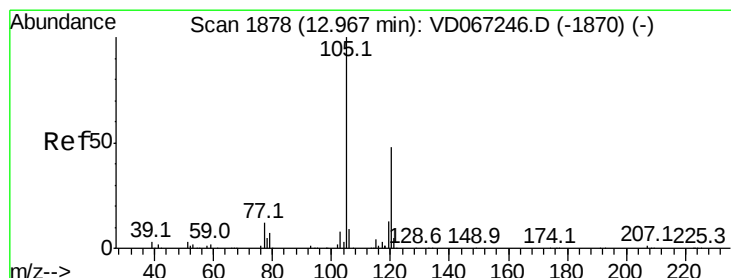
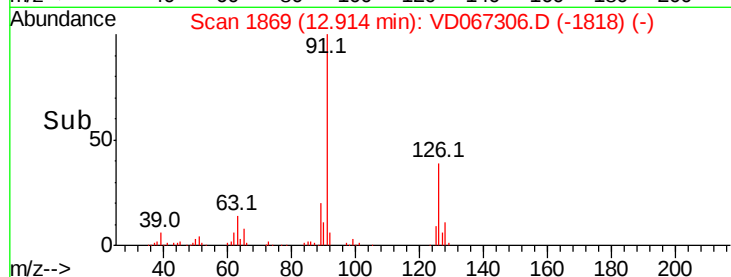
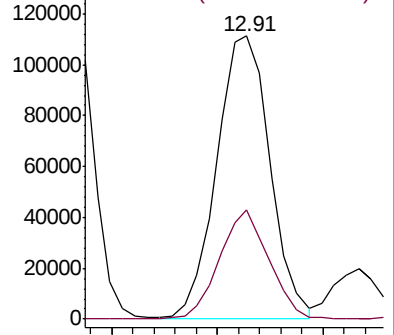
91 100

126 35.9 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.353 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067306.D

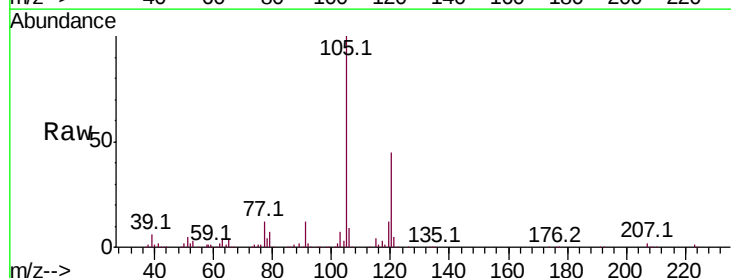
Acq: 19 Oct 2020 13:56

Tgt Ion: 105 Resp: 257662

Ion Ratio Lower Upper

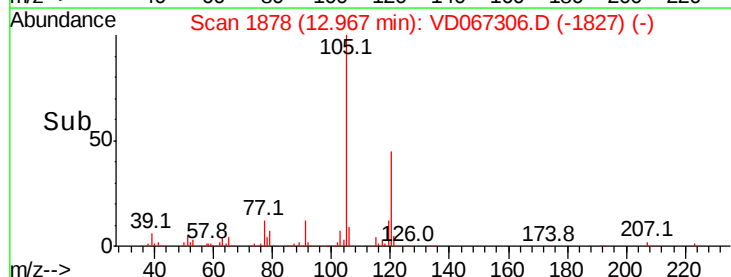
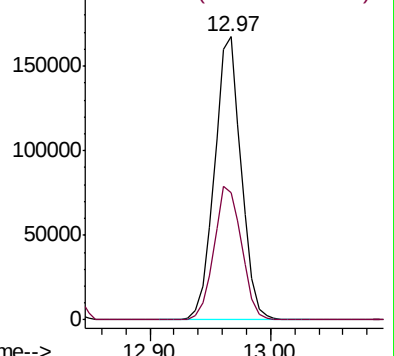
105 100

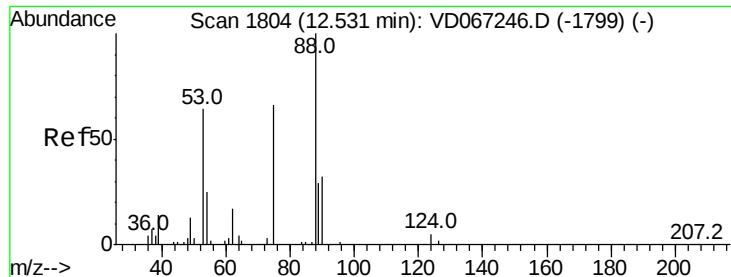
120 48.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 22.123 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

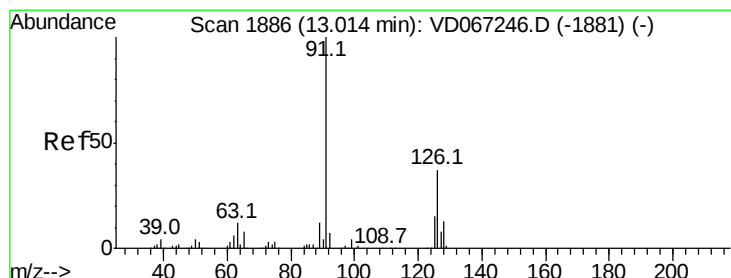
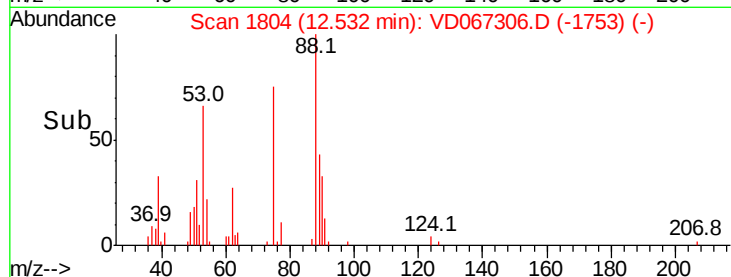
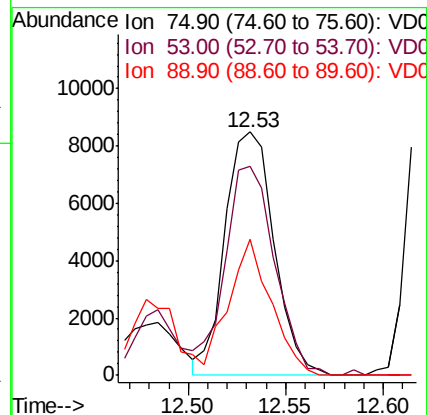
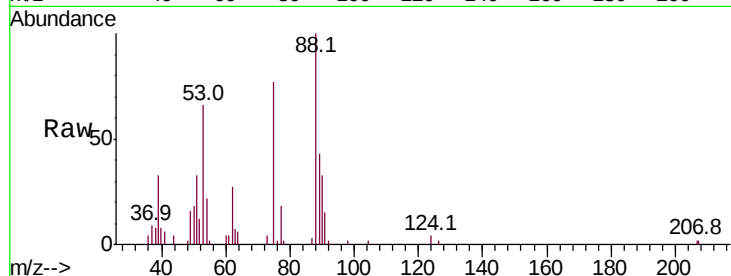
Tot Ion: 75 Resp: 14794

Ion Ratio Lower Upper

75 100

53 87.1 78.5 117.7

89 48.3 39.9 59.9



#82

4-Chlorotoluene

Concen: 21.584 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD067306.D

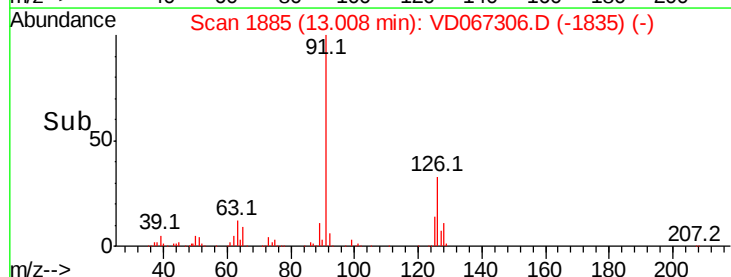
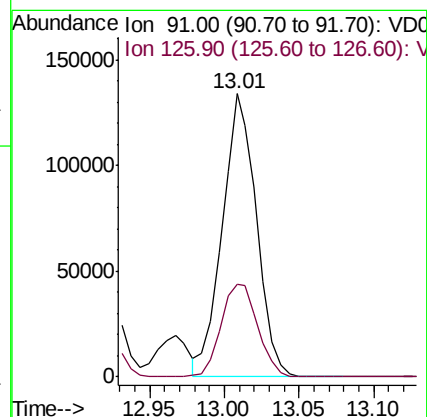
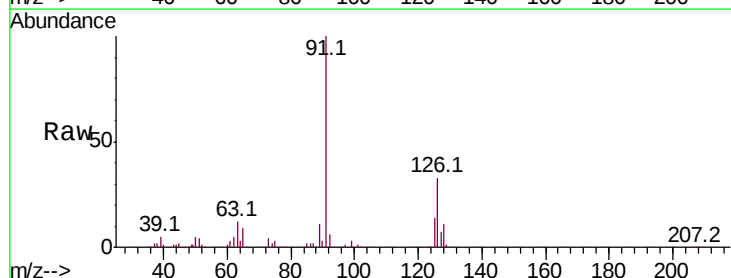
Acq: 19 Oct 2020 13:56

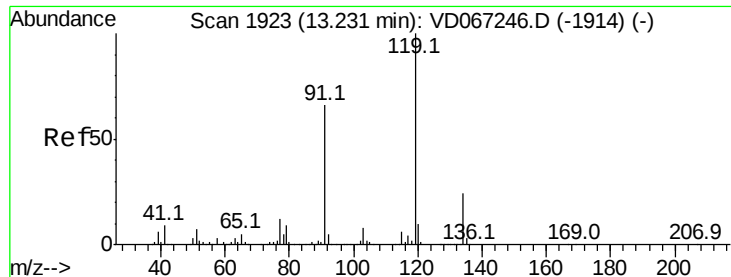
Tgt Ion: 91 Resp: 213734

Ion Ratio Lower Upper

91 100

126 35.2 17.8 53.5





#83

tert-Butylbenzene

Concen: 21.327 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBSD01

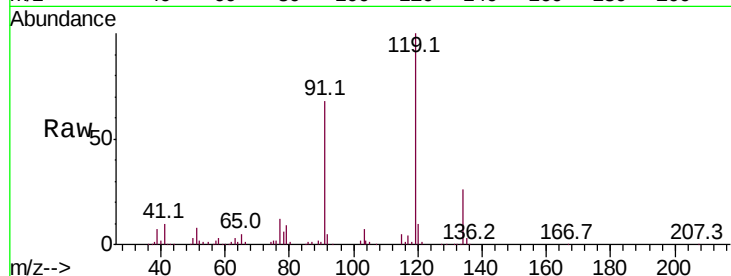
Tot Ion:119 Resp: 217391

Ion Ratio Lower Upper

119 100

91 64.1 33.1 99.2

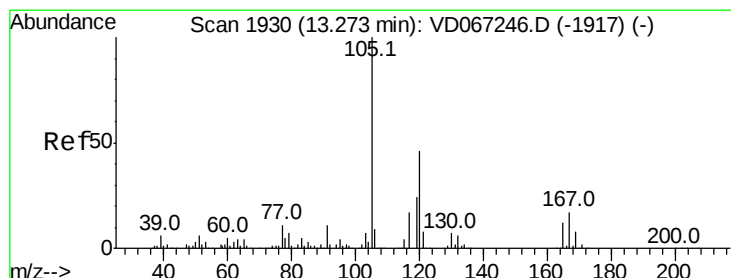
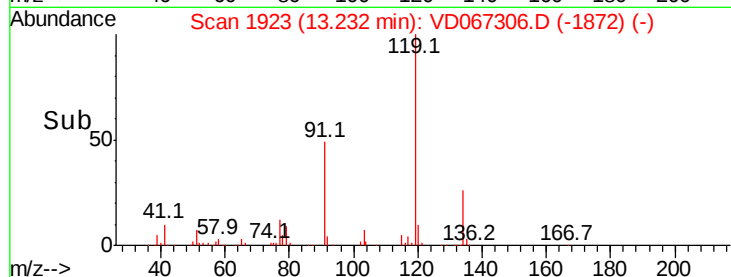
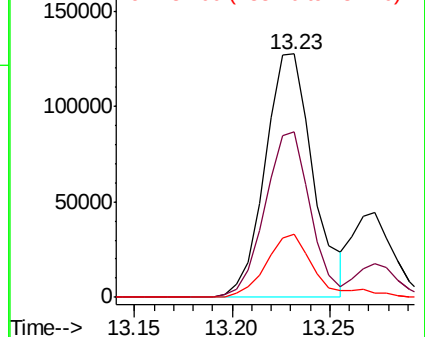
134 26.7 13.3 39.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.399 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD067306.D

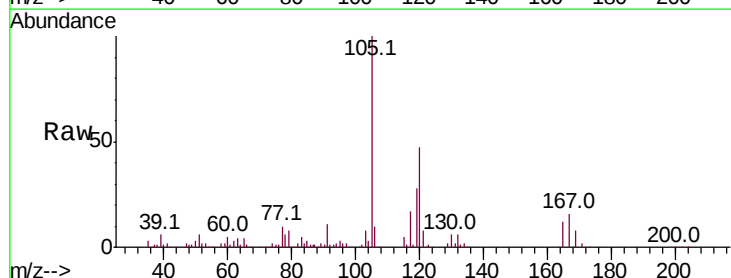
Acq: 19 Oct 2020 13:56

Tgt Ion:105 Resp: 255212

Ion Ratio Lower Upper

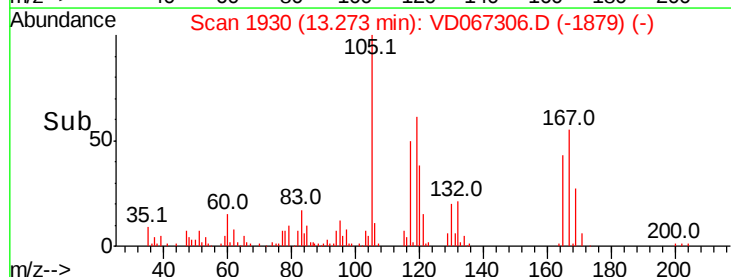
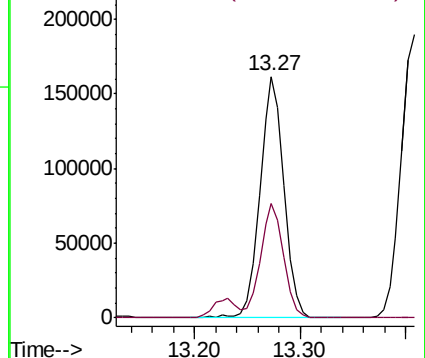
105 100

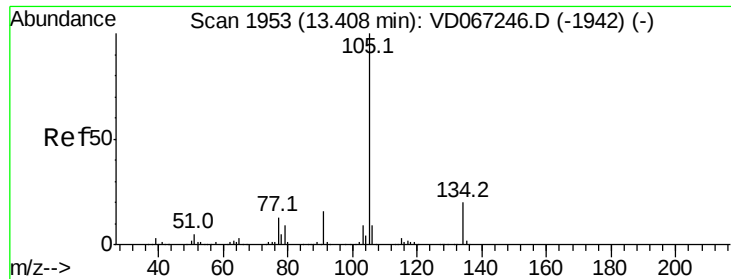
120 45.7 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.145 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

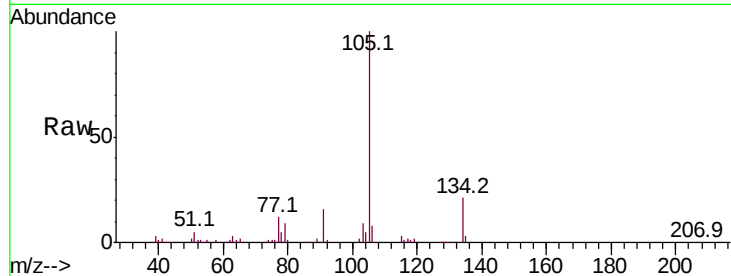
VD1019SBSD01

Tot Ion:105 Resp: 295749

Ion Ratio Lower Upper

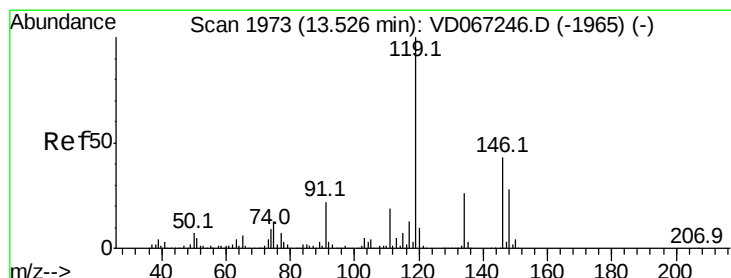
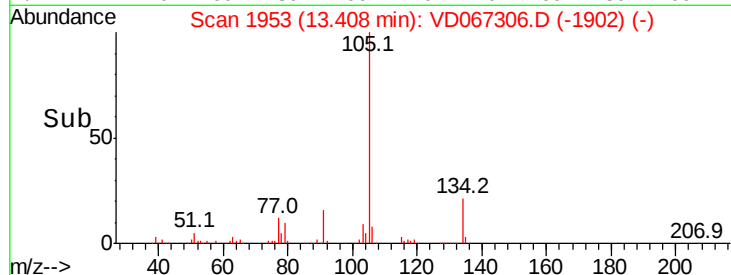
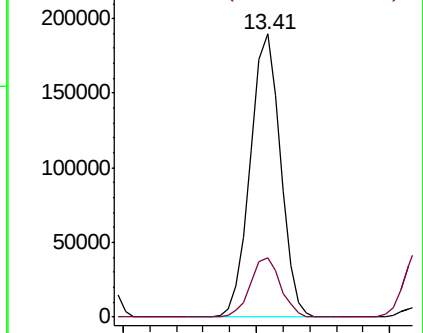
105 100

134 20.9 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.396 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

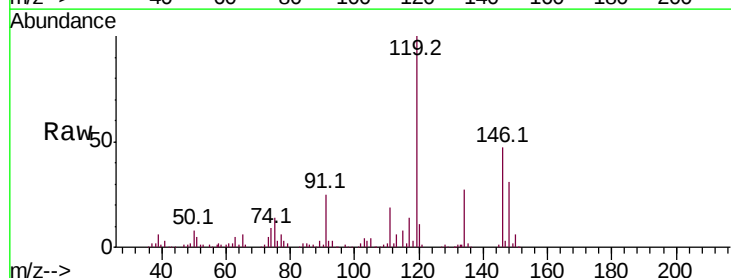
Tgt Ion:119 Resp: 282456

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

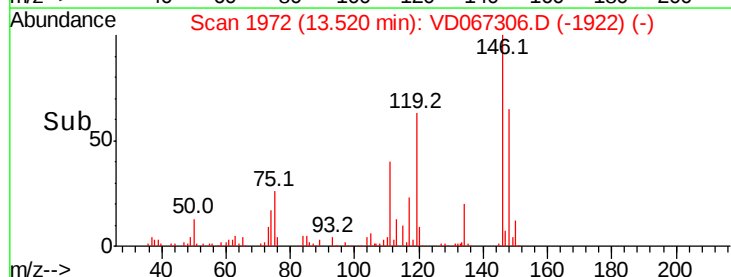
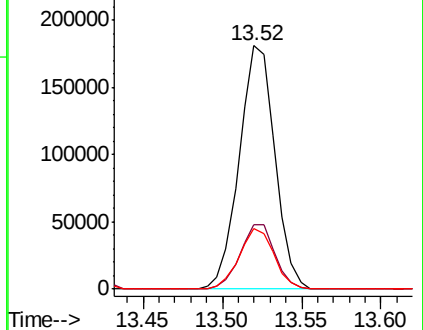
91 24.4 11.9 35.9

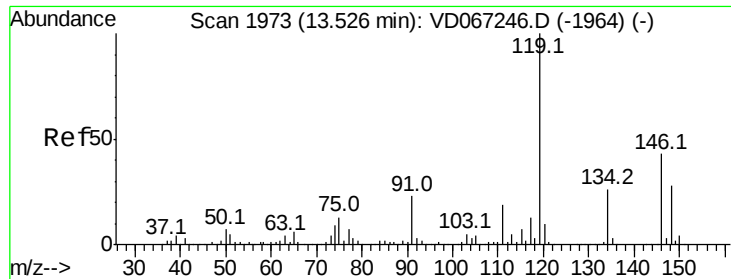


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

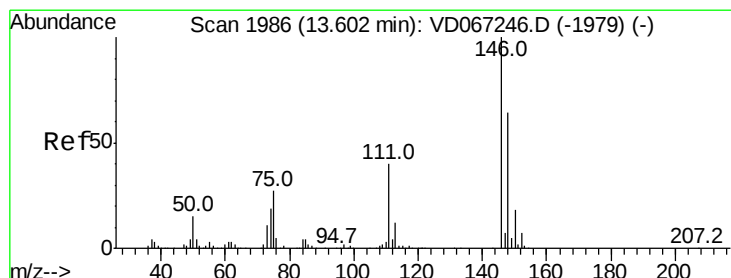
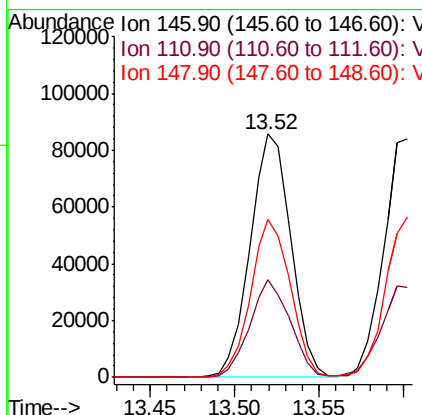
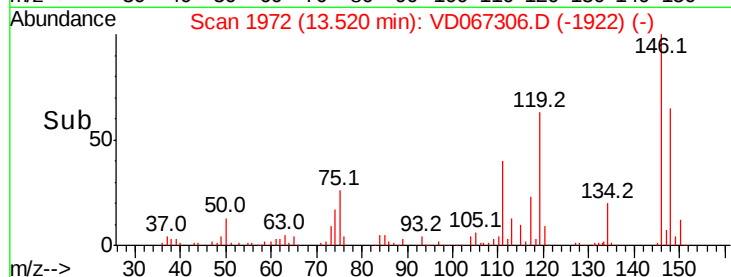
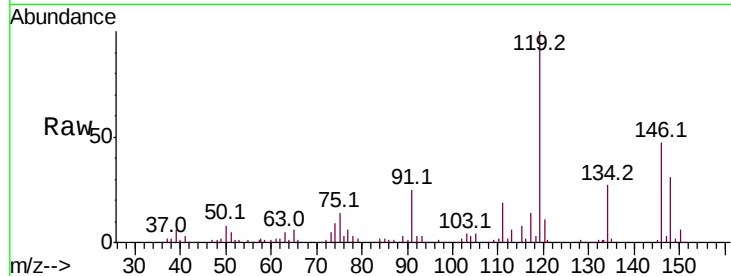




#87
 1,3-Dichlorobenzene
 Concen: 21.581 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

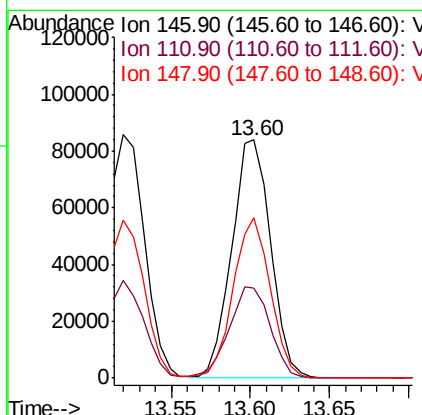
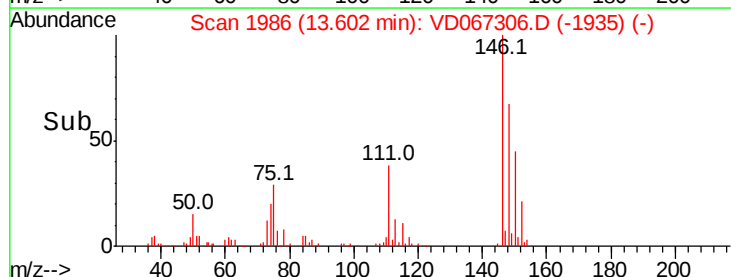
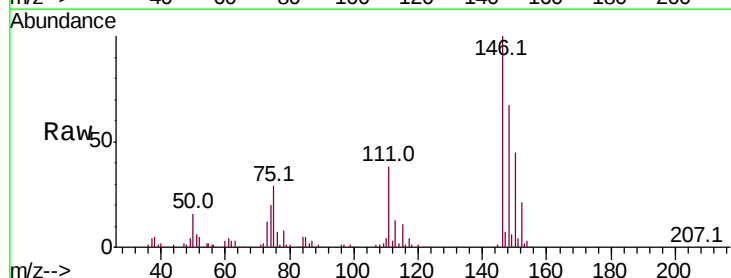
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

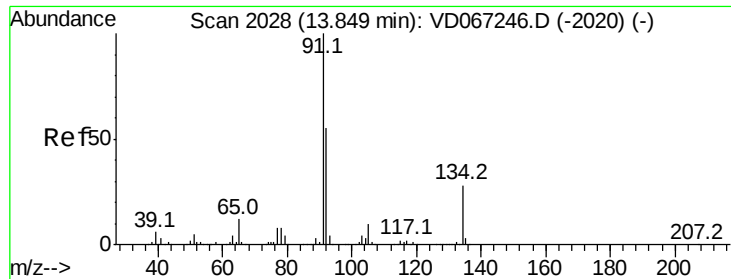
Tot Ion:146 Resp: 143806
 Ion Ratio Lower Upper
 146 100
 111 39.7 21.1 63.3
 148 63.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 21.679 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Tgt Ion:146 Resp: 143119
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.9 59.7
 148 64.1 31.9 95.9

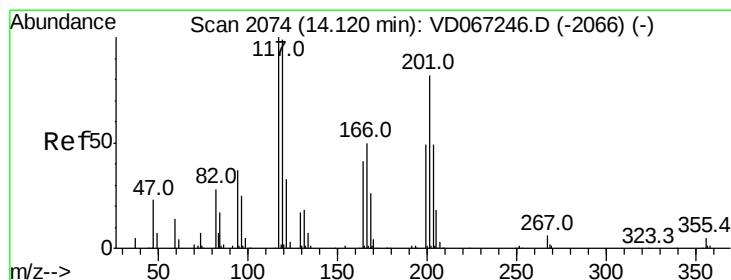
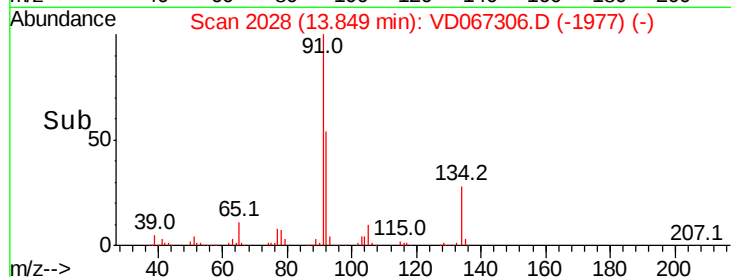
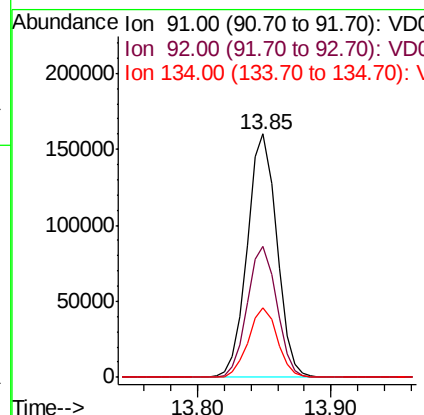
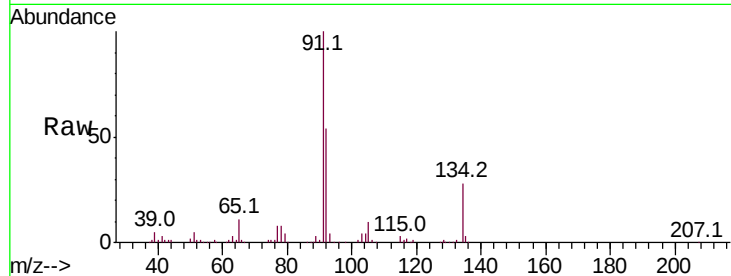




#89
n-Butylbenzene
Concen: 20.961 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

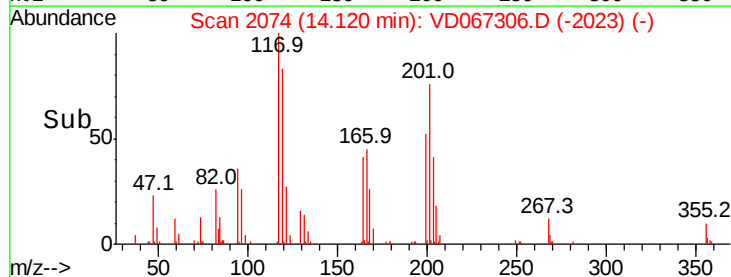
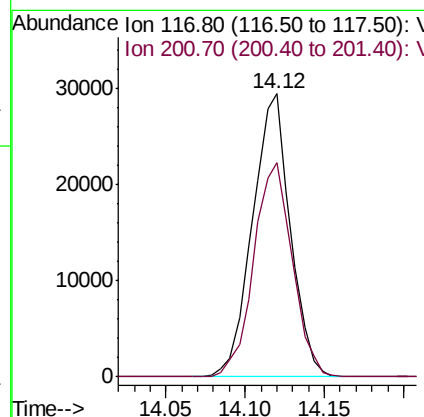
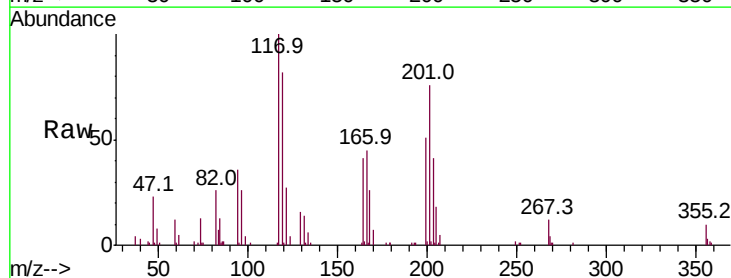
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

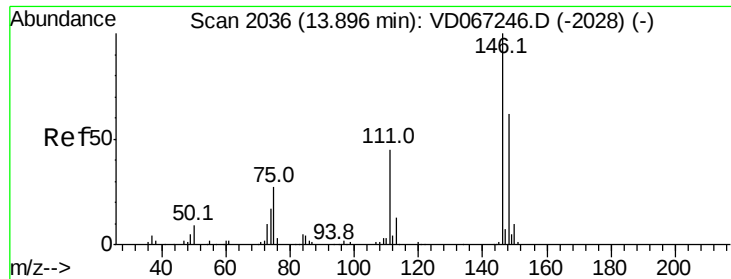
Tot Ion: 91 Resp: 243442
Ion Ratio Lower Upper
91 100
92 53.7 26.7 80.0
134 28.0 14.2 42.6



#90
Hexachloroethane
Concen: 21.258 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion: 117 Resp: 48972
Ion Ratio Lower Upper
117 100
201 77.2 40.8 122.2

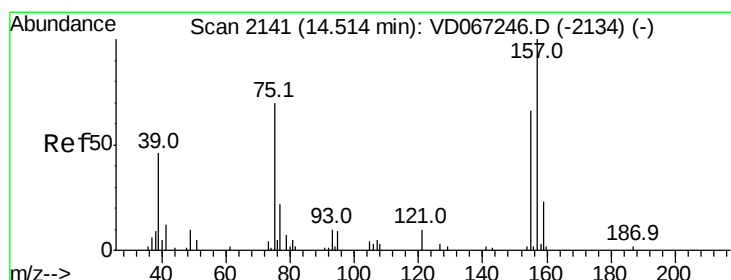
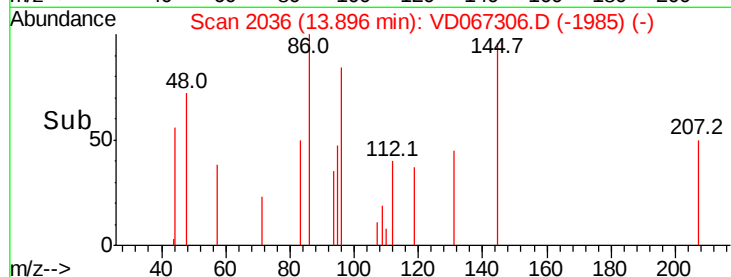
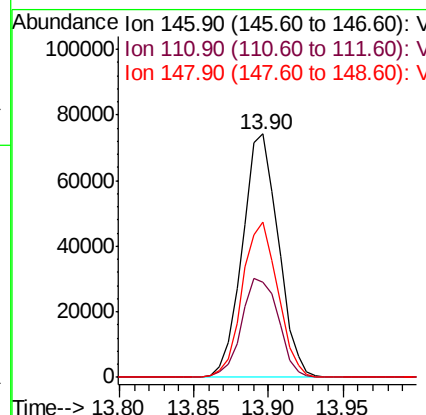
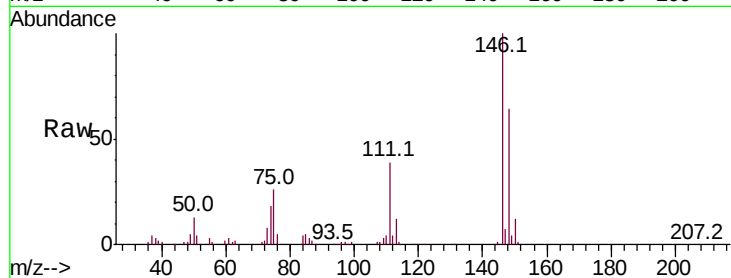




#91
 1,2-Dichlorobenzene
 Concen: 21.261 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

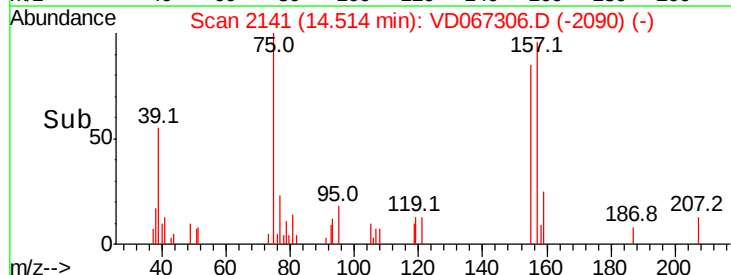
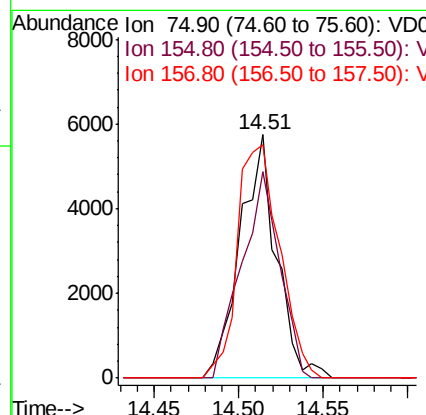
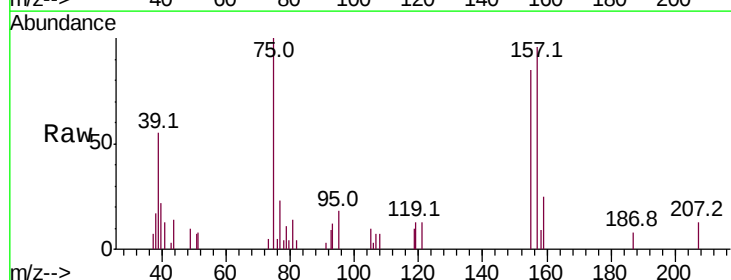
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBSD01

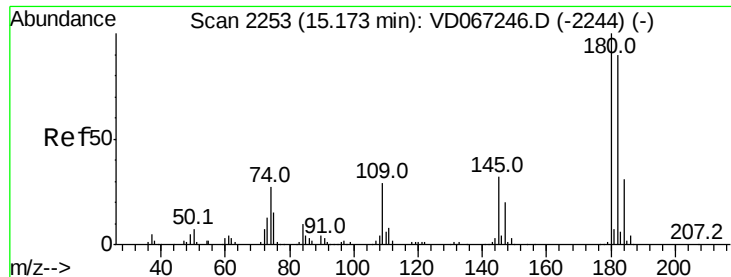
Tot Ion:146 Resp: 123760
 Ion Ratio Lower Upper
 146 100
 111 41.7 22.0 66.0
 148 63.1 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.345 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Tgt Ion: 75 Resp: 8637
 Ion Ratio Lower Upper
 75 100
 155 89.2 44.8 134.4
 157 110.7 62.5 187.4

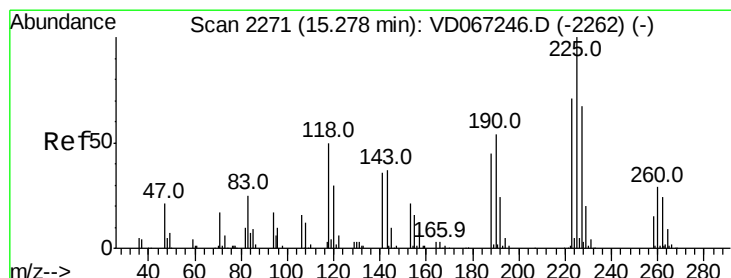
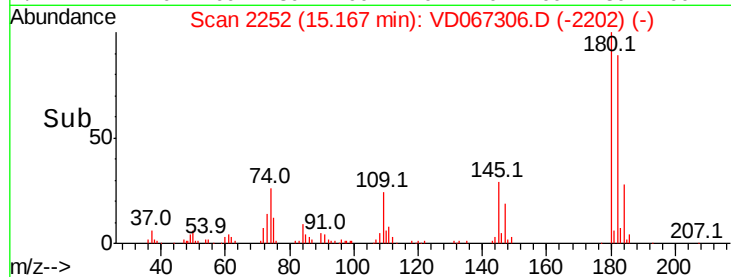
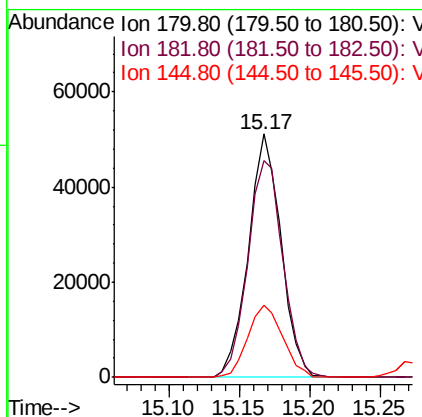
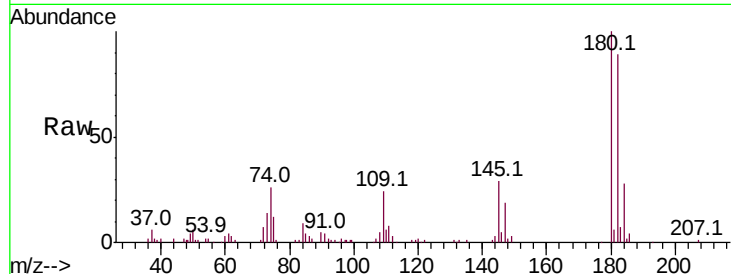




#93
 1,2,4-Trichlorobenzene
 Concen: 21.193 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

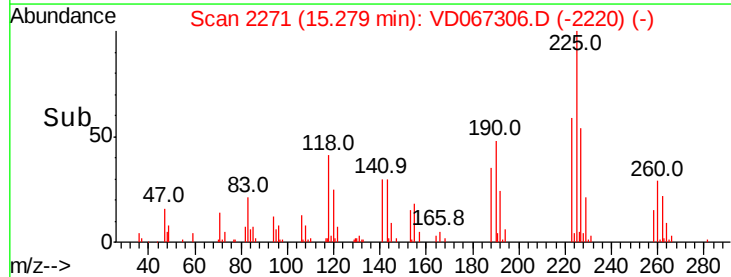
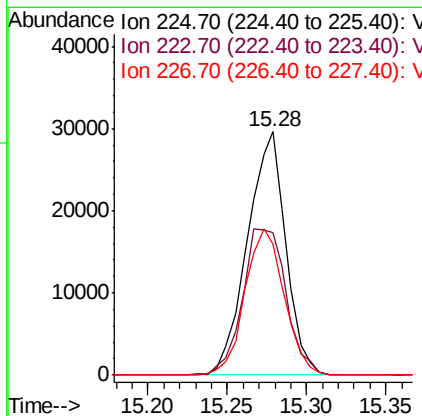
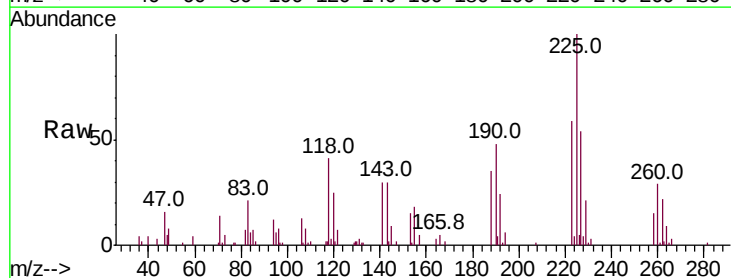
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBSD01

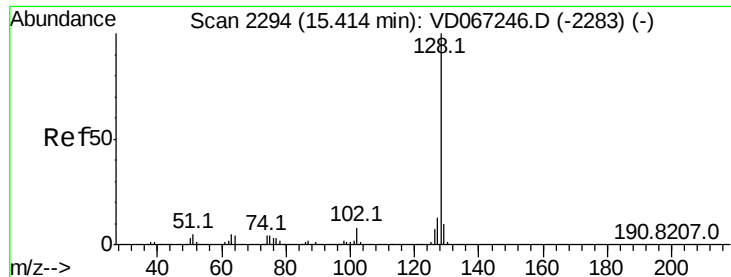
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.1	144.4
145	31.8	16.3	48.9



#94
 Hexachlorobutadiene
 Concen: 20.426 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.3	31.9	95.7
227	61.8	31.2	93.6

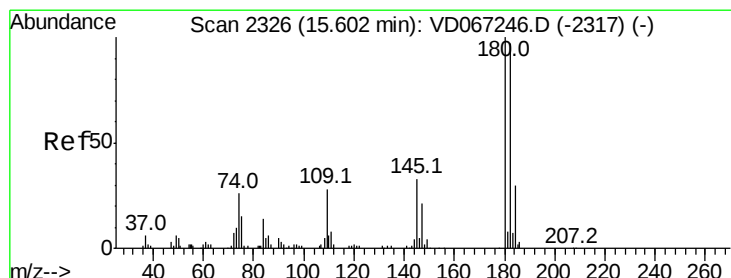
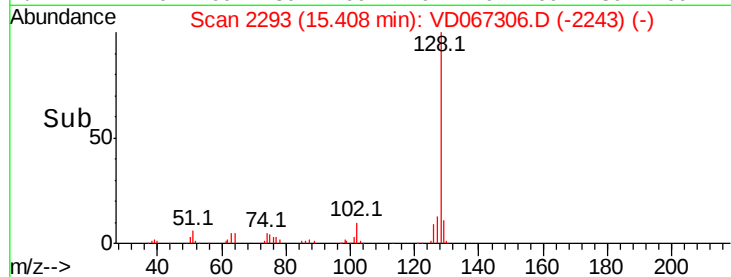
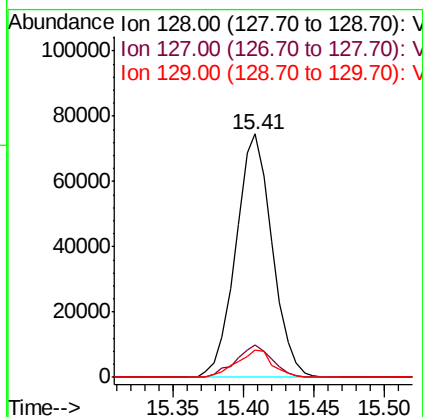
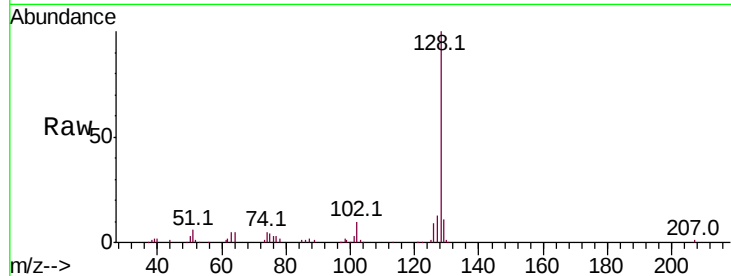




#95
Naphthalene
Concen: 20.795 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 21.564 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	48.1	144.3
145	35.3	17.3	51.9

