

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062894.D
 Acq On : 26 Jun 2019 00:46
 Operator : VA/AP
 Sample : VD0625SBS02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBS02

Quant Time: Jun 26 01:12:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	801832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1203682	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	991990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	553853	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	496459	56.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.92%	
35) Dibromofluoromethane	6.92	113	499293	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	10.41	98	1041499	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
62) 4-Bromofluorobenzene	13.56	95	479800	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	223538	21.544	ug/l	97
3) Chloromethane	1.76	50	162471	20.820	ug/l #	88
4) Vinyl Chloride	1.84	62	160951	20.803	ug/l	99
5) Bromomethane	2.14	94	65890	18.185	ug/l	88
6) Chloroethane	2.25	64	70867	20.231	ug/l	96
7) Trichlorofluoromethane	2.52	101	325990	20.819	ug/l	93
8) Diethyl Ether	2.87	74	51791	26.032	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.14	101	185736	21.895	ug/l	89
10) Methyl Iodide	3.29	142	238129	21.278	ug/l	95
11) Tert butyl alcohol	4.09	59	47741	120.267	ug/l	96
12) 1,1-Dichloroethene	3.11	96	137889	21.668	ug/l	89
13) Acrolein	3.03	56	27463	67.768	ug/l	96
14) Allyl chloride	3.61	41	226238	24.061	ug/l	93
15) Acrylonitrile	4.20	53	122383	131.208	ug/l #	81
16) Acetone	3.22	43	200966	109.778	ug/l	98
17) Carbon Disulfide	3.37	76	427378	21.014	ug/l	95
18) Methyl Acetate	3.65	43	99128	37.676	ug/l	97
19) Methyl tert-butyl Ether	4.25	73	356342	25.867	ug/l	95
20) Methylene Chloride	3.81	84	164610	24.764	ug/l	96
21) trans-1,2-Dichloroethene	4.22	96	155647	22.971	ug/l	90
22) Diisopropyl ether	5.12	45	449572	23.510	ug/l	96
23) Vinyl Acetate	5.05	43	1319878	110.306	ug/l	100
24) 1,1-Dichloroethane	4.97	63	275398	22.120	ug/l	98
25) 2-Butanone	6.08	43	196544	120.570	ug/l	97
26) 2,2-Dichloropropane	6.02	77	247986	18.792	ug/l	99
27) cis-1,2-Dichloroethene	6.04	96	157693	22.008	ug/l	92
28) Bromochloromethane	6.43	49	97880	22.322	ug/l	90
29) Tetrahydrofuran	6.47	42	105468	136.746	ug/l	97
30) Chloroform	6.67	83	346318	22.873	ug/l	100
31) Cyclohexane	6.95	56	184808	22.580	ug/l	85
32) 1,1,1-Trichloroethane	6.86	97	333964	21.176	ug/l	92
36) 1,1-Dichloropropene	7.14	75	220711	19.370	ug/l	96
37) Ethyl Acetate	6.19	43	104725	21.246	ug/l	99
38) Carbon Tetrachloride	7.11	117	322913	18.843	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062894.D
 Acq On : 26 Jun 2019 00:46
 Operator : VA/AP
 Sample : VD0625SBS02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBS02

Quant Time: Jun 26 01:12:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	186291	18.574	ug/l	97
40) Benzene	7.46	78	484951	21.202	ug/l	92
41) Methacrylonitrile	6.46	41	132064	21.978	ug/l #	89
42) 1,2-Dichloroethane	7.58	62	269132	21.570	ug/l	97
43) Isopropyl Acetate	9.24	43	128499	21.511	ug/l #	96
44) Trichloroethene	8.54	130	188023	20.968	ug/l	94
45) 1,2-Dichloropropane	8.94	63	112324	19.750	ug/l	96
46) Dibromomethane	9.07	93	108120	22.131	ug/l	91
47) Bromodichloromethane	9.37	83	259708	20.469	ug/l	93
48) Methyl methacrylate	9.12	41	88473	20.841	ug/l #	87
49) 1,4-Dioxane	9.09	88	20283	574.294	ug/l	95
51) 4-Methyl-2-Pentanone	10.30	43	473356	111.762	ug/l	100
52) Toluene	10.51	92	310457	20.192	ug/l	97
53) t-1,3-Dichloropropene	10.91	75	203343	19.580	ug/l	100
54) cis-1,3-Dichloropropene	10.04	75	237343	21.027	ug/l	89
55) 1,1,2-Trichloroethane	11.20	97	114343	21.647	ug/l #	86
56) Ethyl methacrylate	11.05	69	122349	21.674	ug/l	93
57) 1,3-Dichloropropane	11.41	76	169567	20.965	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.86	63	338005	116.631	ug/l	99
59) 2-Hexanone	11.53	43	361983	120.005	ug/l	97
60) Dibromochloromethane	11.69	129	204246	20.759	ug/l	99
61) 1,2-Dibromoethane	11.81	107	130351	20.894	ug/l	90
64) Tetrachloroethene	11.26	164	182590	22.364	ug/l	98
65) Chlorobenzene	12.40	112	377999	20.532	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.52	131	170571	19.812	ug/l	91
67) Ethyl Benzene	12.53	91	646447	19.558	ug/l	99
68) m/p-Xylenes	12.67	106	461855	40.119	ug/l	94
69) o-Xylene	13.05	106	235719	22.398	ug/l	96
70) Styrene	13.08	104	401141	21.701	ug/l	95
71) Bromoform	13.23	173	122703	20.801	ug/l #	98
73) Isopropylbenzene	13.40	105	719253	20.254	ug/l	98
74) N-amyl acetate	13.26	43	186744	21.654	ug/l	94
75) 1,1,2,2-Tetrachloroethane	13.70	83	129410	22.366	ug/l	94
76) 1,2,3-Trichloropropane	13.74	75	133890	20.940	ug/l	91
77) Bromobenzene	13.67	156	196664	20.589	ug/l	88
78) n-propylbenzene	13.78	91	789531	19.102	ug/l	97
79) 2-Chlorotoluene	13.84	91	494424	20.932	ug/l	92
80) 1,3,5-Trimethylbenzene	13.93	105	613699	20.574	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	36594	21.838	ug/l	92
82) 4-Chlorotoluene	13.94	91	587842	20.671	ug/l	93
83) tert-Butylbenzene	14.19	119	613505	18.452	ug/l	92
84) 1,2,4-Trimethylbenzene	14.24	105	576452	18.855	ug/l	93
85) sec-Butylbenzene	14.37	105	651698	18.034	ug/l	90
86) p-Isopropyltoluene	14.49	119	645198	19.516	ug/l	96
87) 1,3-Dichlorobenzene	14.45	146	347243	20.280	ug/l	98
88) 1,4-Dichlorobenzene	14.53	146	347119	20.184	ug/l	97
89) n-Butylbenzene	14.80	91	592950	19.163	ug/l	98
90) Hexachloroethane	15.01	117	170802	19.216	ug/l	85
91) 1,2-Dichlorobenzene	14.81	146	318784	21.761	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.38	75	27097	23.994	ug/l	82

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062519\
Data File : VD062894.D
Acq On : 26 Jun 2019 00:46
Operator : VA/AP
Sample : VD0625SBS02
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBS02

Quant Time: Jun 26 01:12:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration

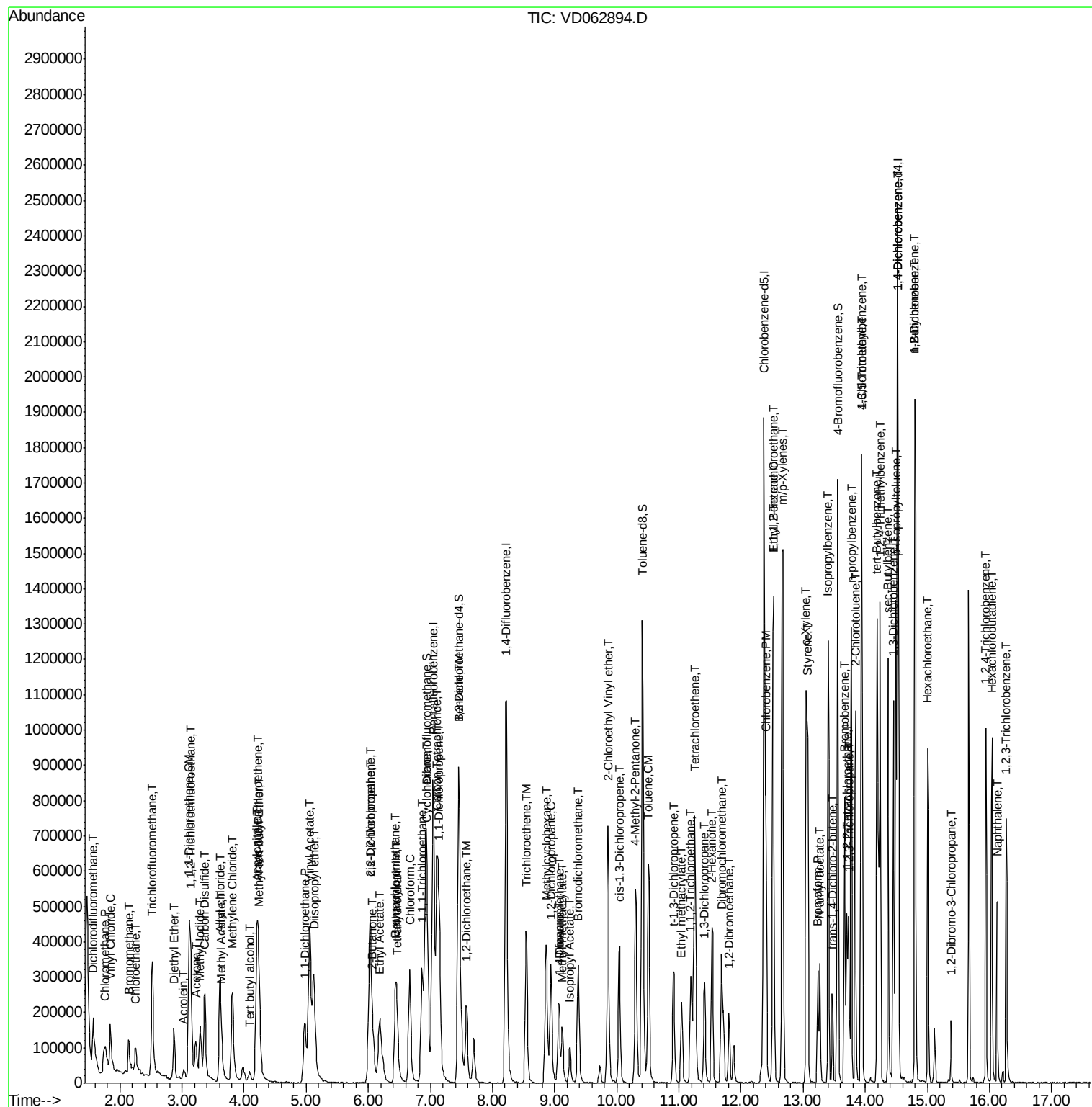
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	235240	20.557	ug/l	97
94) Hexachlorobutadiene	16.04	225	164398	18.805	ug/l	92
95) Naphthalene	16.13	128	354686	22.114	ug/l	97
96) 1,2,3-Trichlorobenzene	16.28	180	187184	21.289	ug/l	97

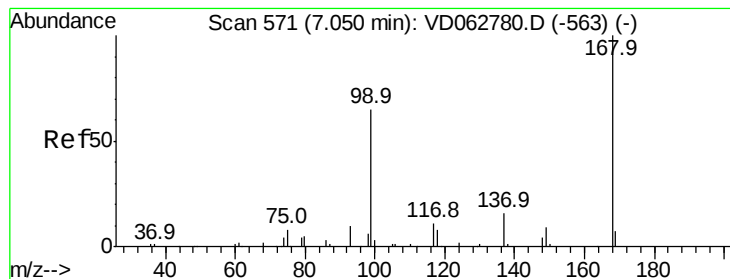
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062894.D
 Acq On : 26 Jun 2019 00:46
 Operator : VA/AP
 Sample : VD0625SBS02
 Misc : 5.00µl/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBS02

Quant Time: Jun 26 01:12:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Instrument :

MSVOA_D

ClientSampleId :

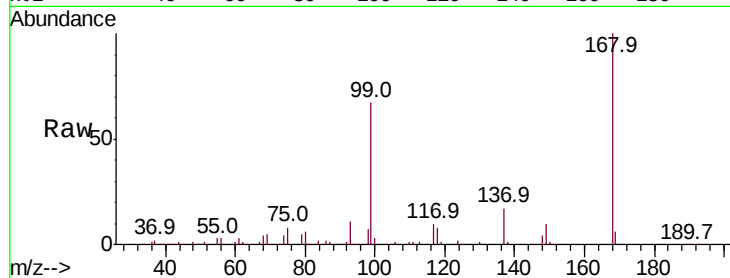
VD0625SBS02

Tot Ion:168 Resp: 801832

Ion Ratio Lower Upper

168 100

99 66.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

300000

250000

200000

150000

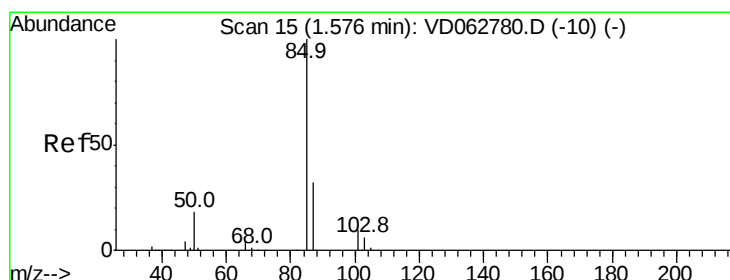
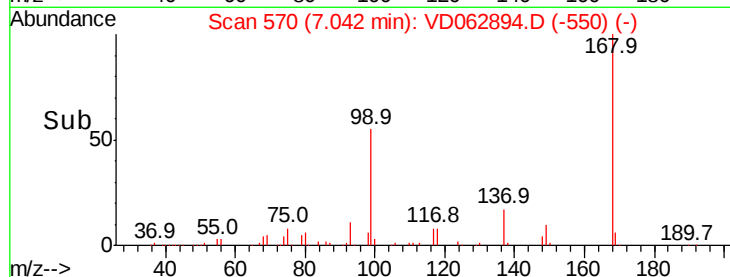
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: 21.544 ug/l

RT: 1.57 min Scan# 14

Delta R.T. -0.01 min

Lab File: VD062894.D

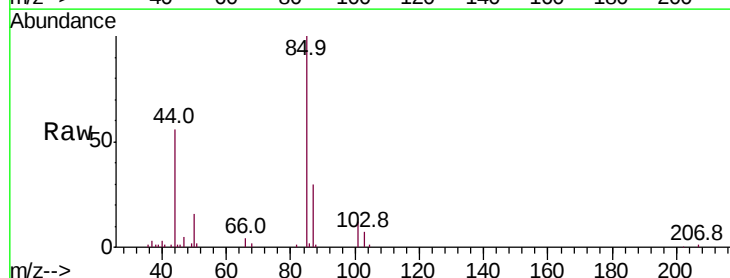
Acq: 26 Jun 2019 00:46

Tgt Ion: 85 Resp: 223538

Ion Ratio Lower Upper

85 100

87 30.0 15.9 47.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.57

80000

60000

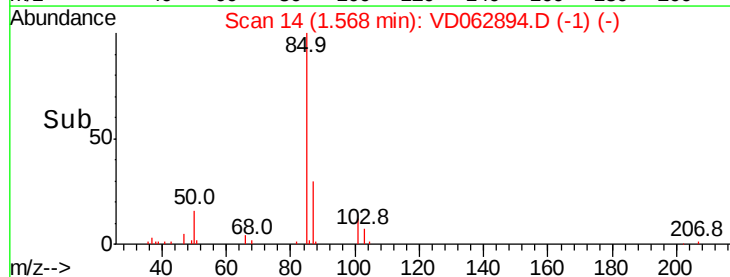
40000

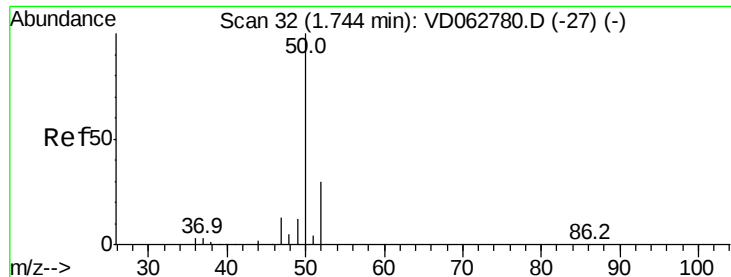
20000

0

1.50 1.60 1.70 1.80

Time-->





#3

Chloromethane

Concen: 20.820 ug/l

RT: 1.76 min Scan# 33

Delta R.T. 0.01 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Instrument :

MSVOA_D

ClientSampleId :

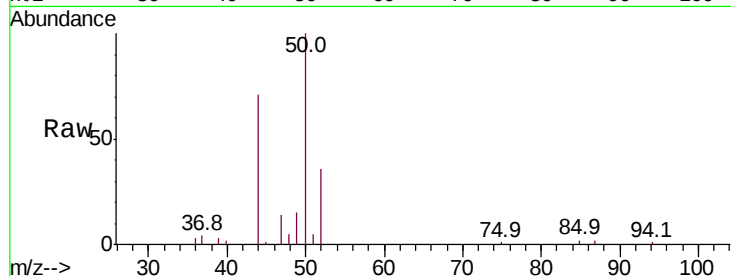
VD0625SBS02

Tot Ion: 50 Resp: 162471

Ion Ratio Lower Upper

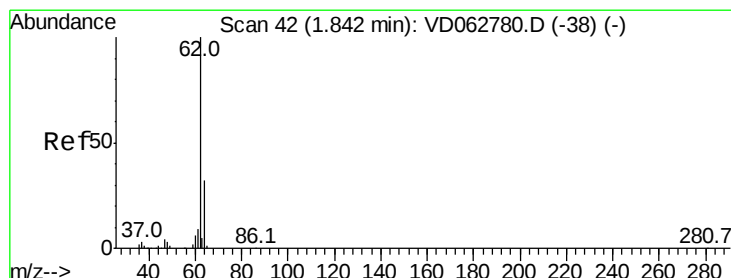
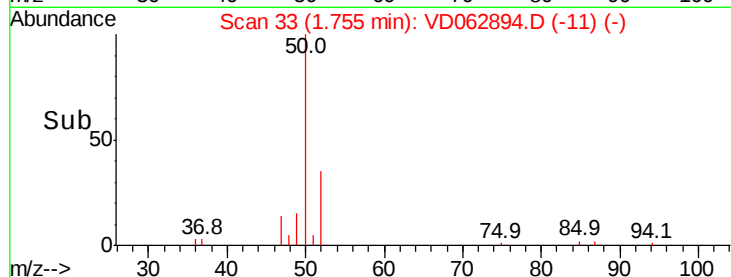
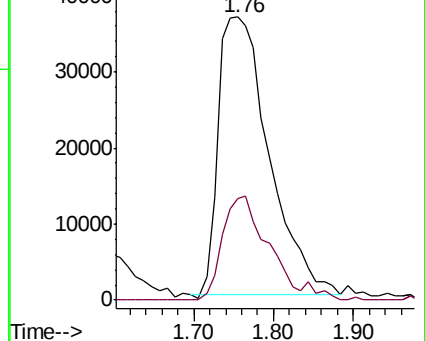
50 100

52 35.8 23.6 35.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.803 ug/l

RT: 1.84 min Scan# 42

Delta R.T. 0.00 min

Lab File: VD062894.D

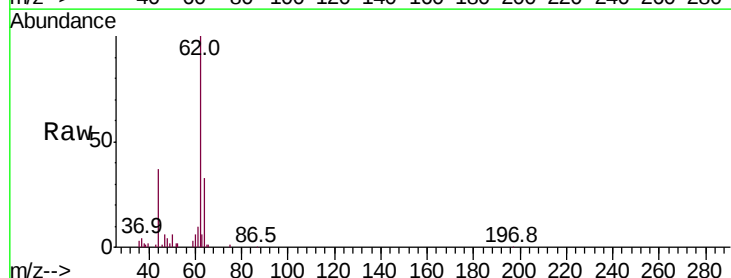
Acq: 26 Jun 2019 00:46

Tgt Ion: 62 Resp: 160951

Ion Ratio Lower Upper

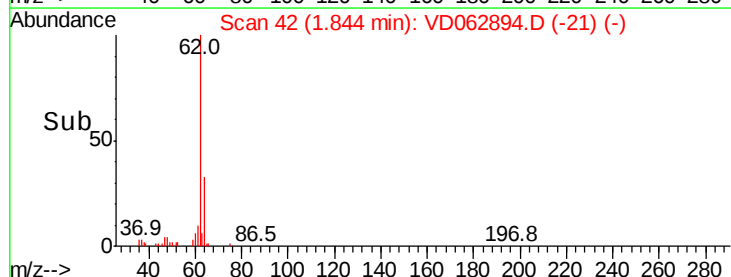
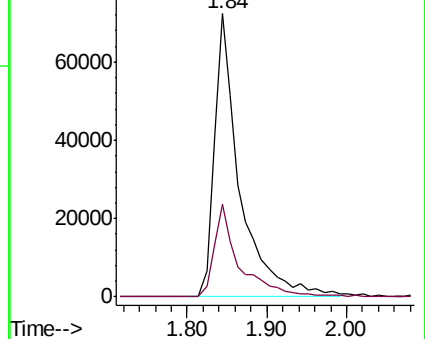
62 100

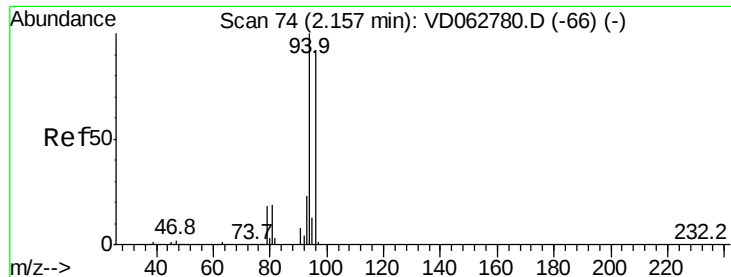
64 32.7 25.6 38.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 18.185 ug/l

RT: 2.14 min Scan# 72

Delta R.T. -0.02 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBS02

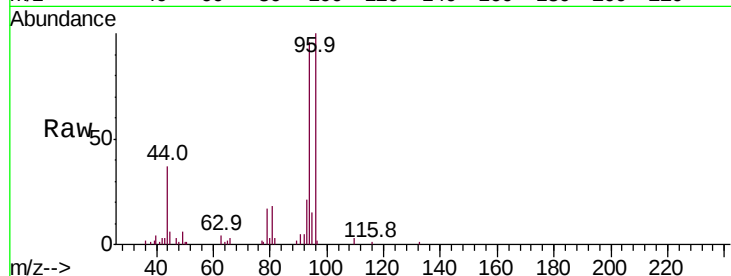
Tot Ion: 94 Resp: 65890

Ion Ratio Lower Upper

94 100

96 105.9 73.4 110.2

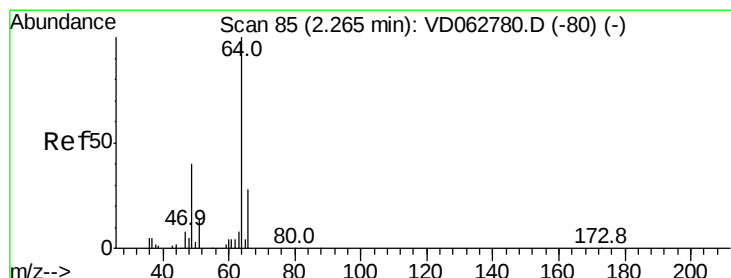
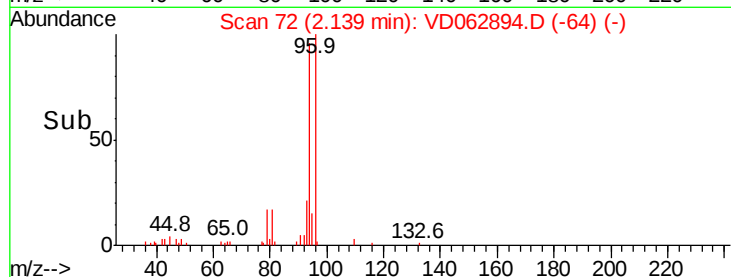
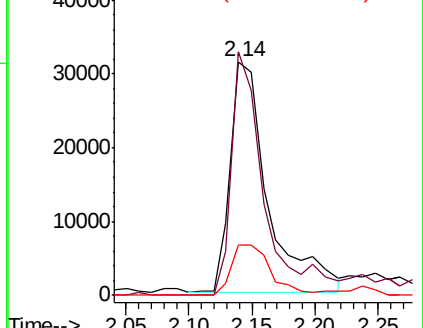
93 21.5 18.2 27.4



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 20.231 ug/l

RT: 2.25 min Scan# 83

Delta R.T. -0.02 min

Lab File: VD062894.D

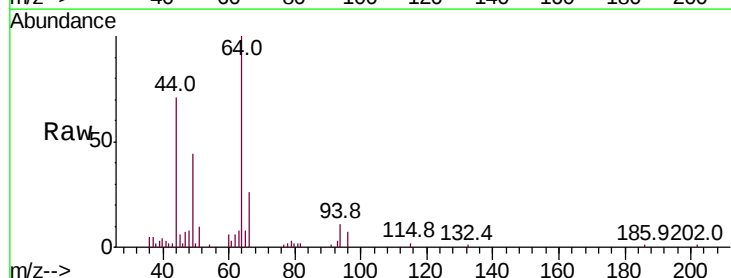
Acq: 26 Jun 2019 00:46

Tgt Ion: 64 Resp: 70867

Ion Ratio Lower Upper

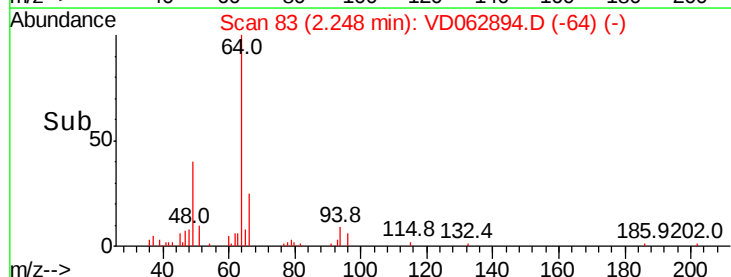
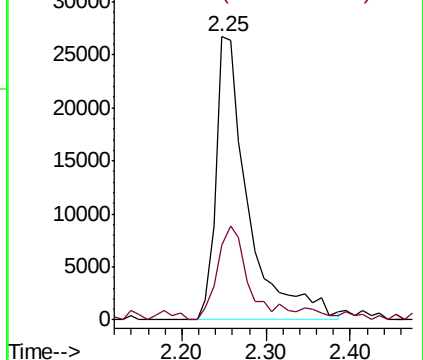
64 100

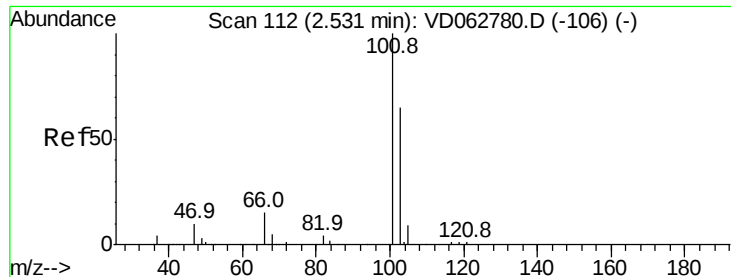
66 26.5 23.0 34.4



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



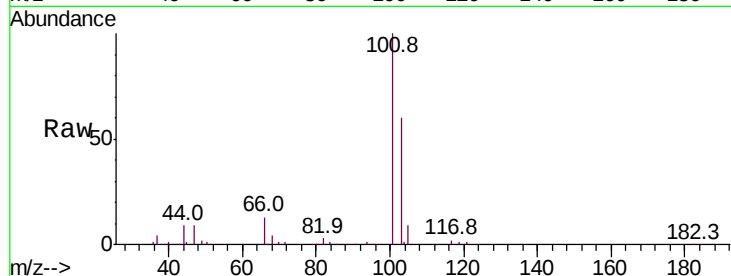


#7

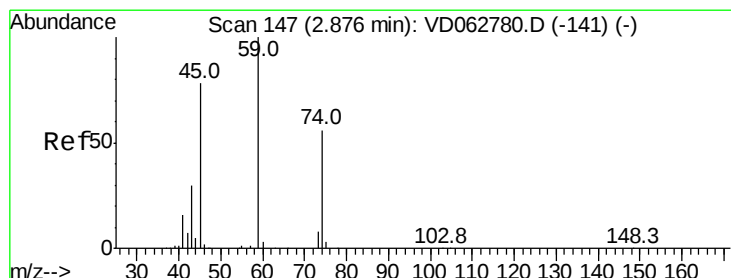
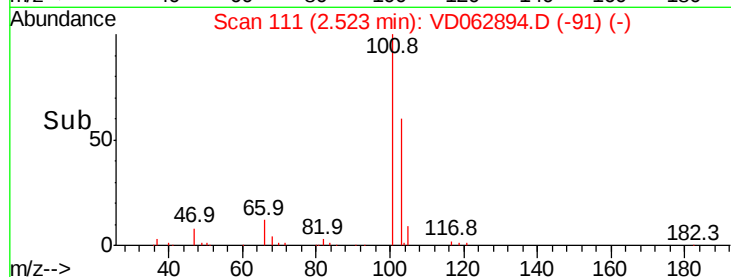
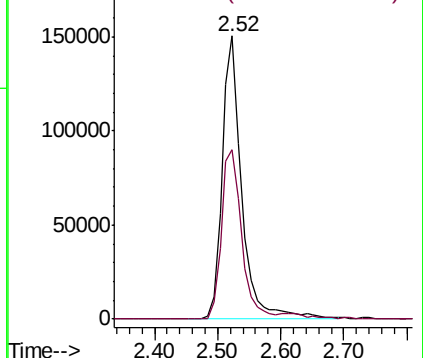
Trichlorofluoromethane
Concen: 20.819 ug/l
RT: 2.52 min Scan# 111
Delta R.T. -0.01 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBS02

Tot Ion:101 Resp: 325990
Ion Ratio Lower Upper
101 100
103 59.7 51.8 77.8



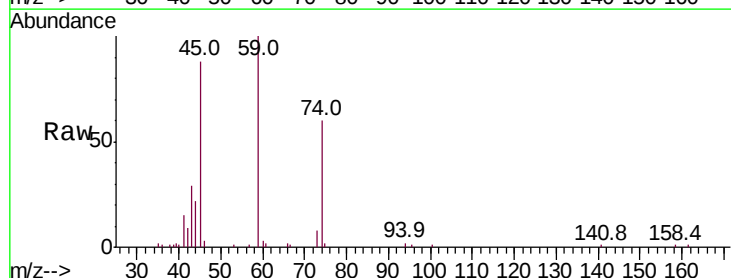
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



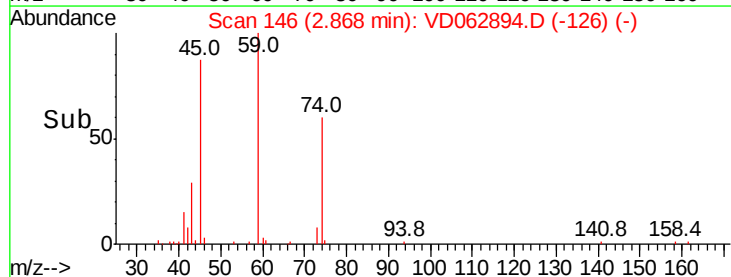
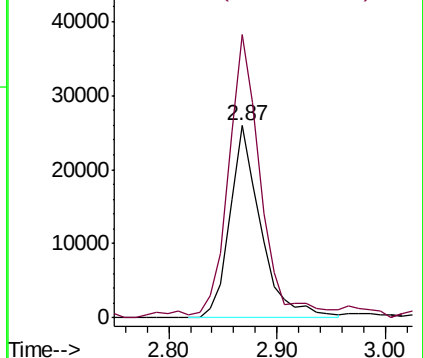
#8

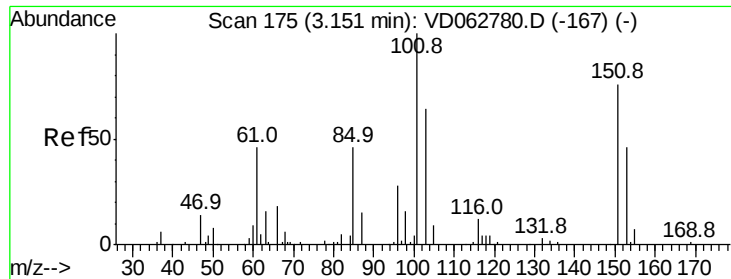
Diethyl Ether
Concen: 26.032 ug/l
RT: 2.87 min Scan# 146
Delta R.T. -0.01 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Tgt Ion: 74 Resp: 51791
Ion Ratio Lower Upper
74 100
45 147.3 70.2 210.6



Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.895 ug/l

RT: 3.14 min Scan# 174

Delta R.T. -0.01 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBS02

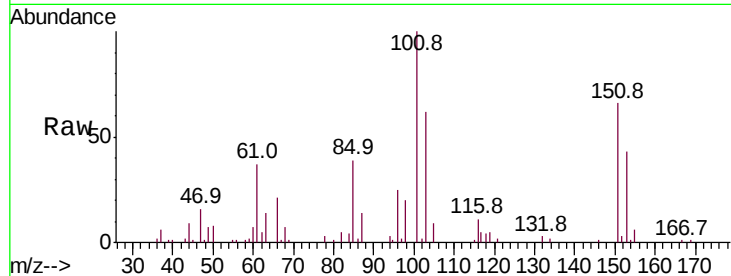
Tot Ion:101 Resp: 185736

Ion Ratio Lower Upper

101 100

85 39.2 37.0 55.4

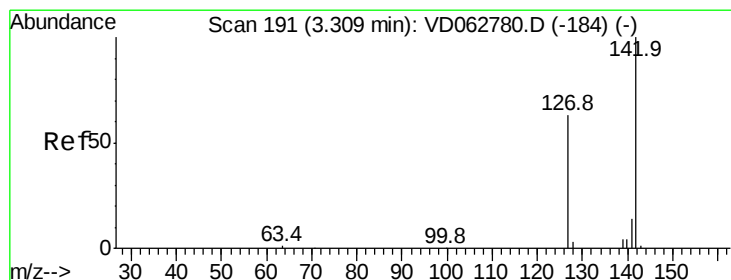
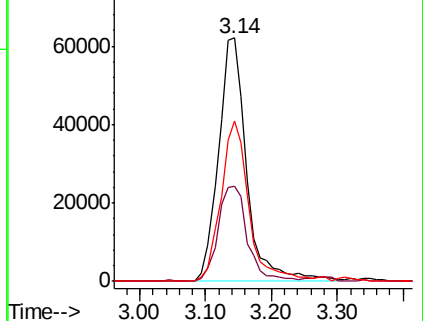
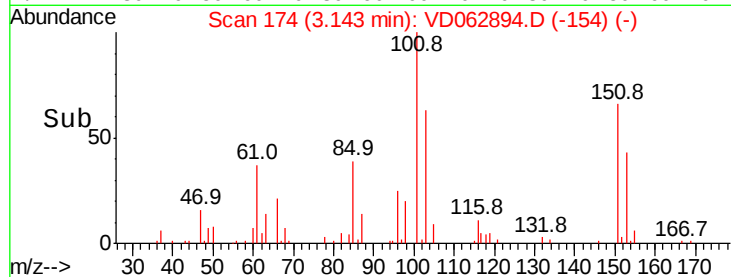
151 65.9 60.5 90.7



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 21.278 ug/l

RT: 3.29 min Scan# 189

Delta R.T. -0.02 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

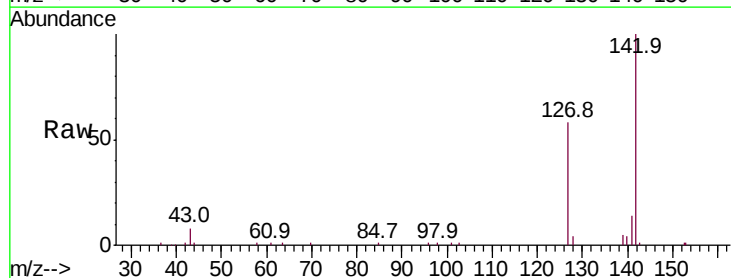
Tgt Ion:142 Resp: 238129

Ion Ratio Lower Upper

142 100

127 58.5 50.1 75.1

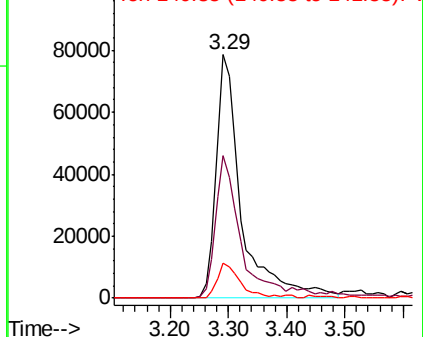
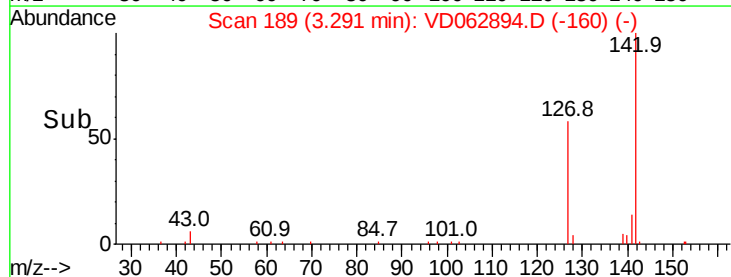
141 14.2 11.0 16.4

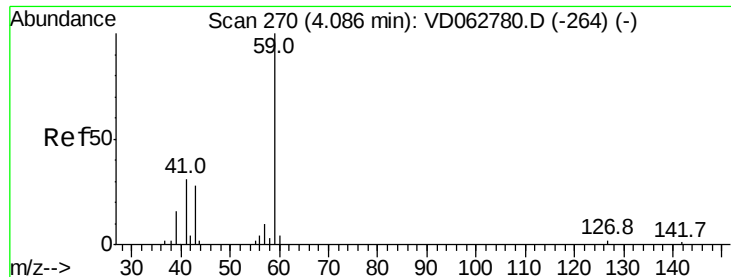


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#11

Tert butyl alcohol

Concen: 120.267 ug/l

RT: 4.09 min Scan# 270

Delta R.T. 0.00 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Instrument :

MSVOA_D

ClientSampleId :

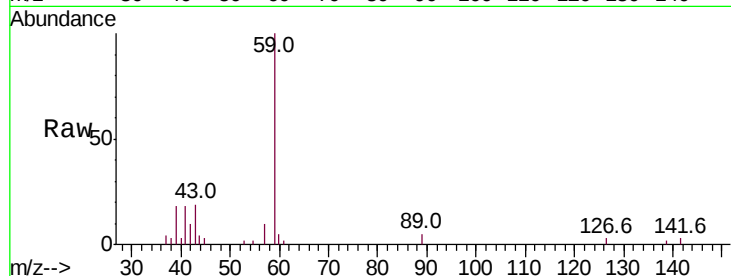
VD0625SBS02

Tot Ion: 59 Resp: 47741

Ion Ratio Lower Upper

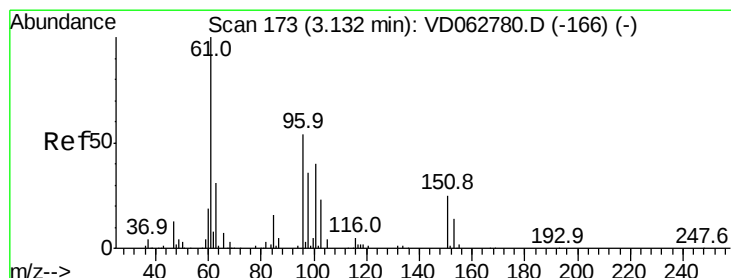
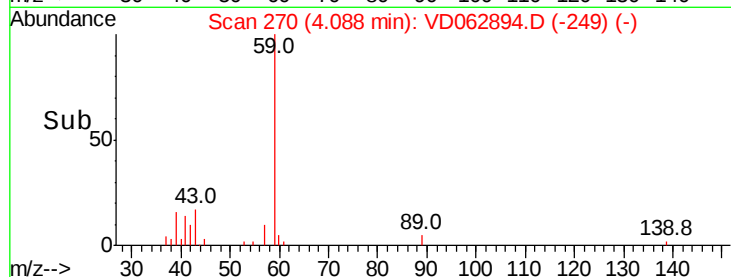
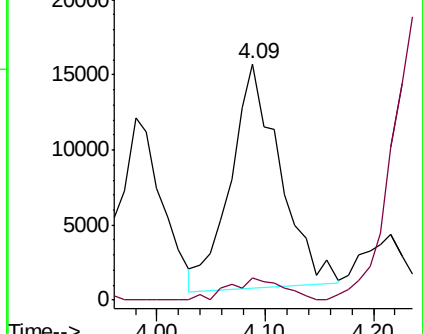
59 100

57 9.6 6.6 10.0



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC



#12

1,1-Dichloroethene

Concen: 21.668 ug/l

RT: 3.11 min Scan# 171

Delta R.T. -0.02 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

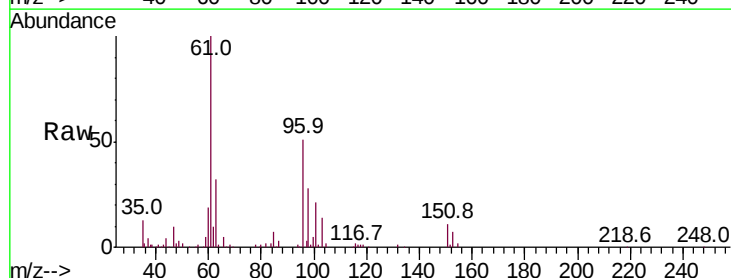
Tgt Ion: 96 Resp: 137889

Ion Ratio Lower Upper

96 100

61 197.3 147.1 220.7

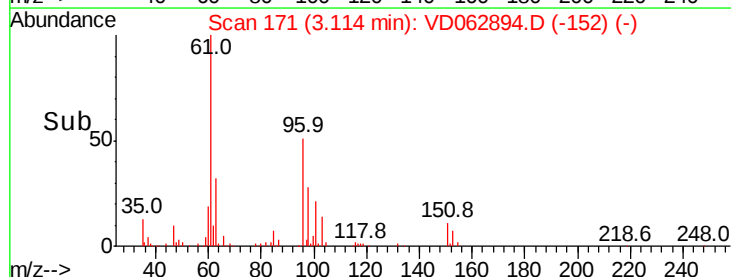
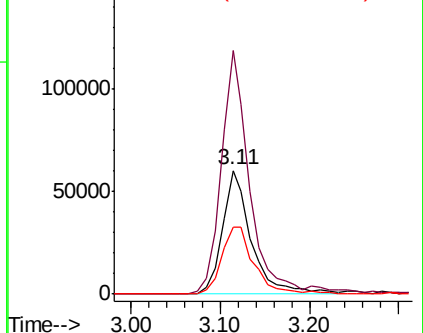
98 54.7 52.6 79.0

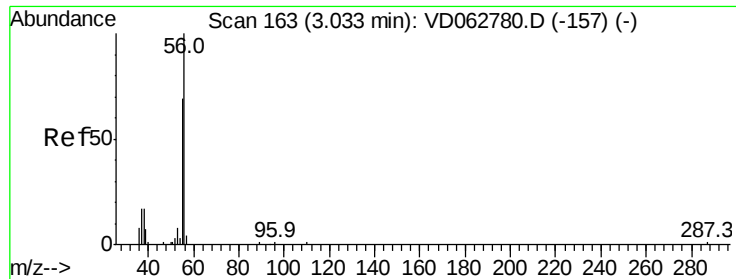


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#13

Acrolein

Concen: 67.768 ug/l

RT: 3.03 min Scan# 162

Delta R.T. -0.01 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Instrument :

MSVOA_D

ClientSampleId :

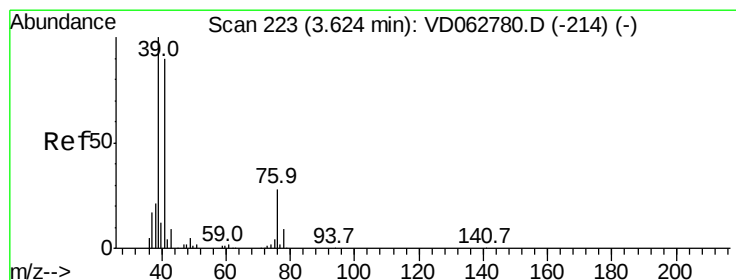
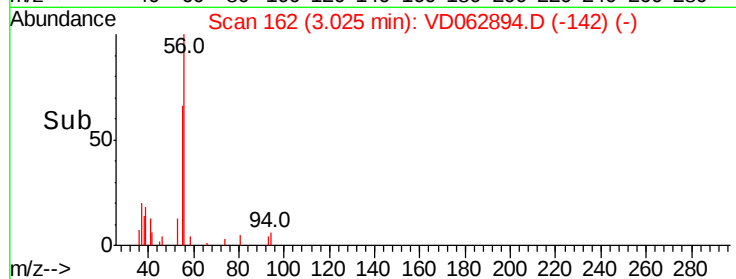
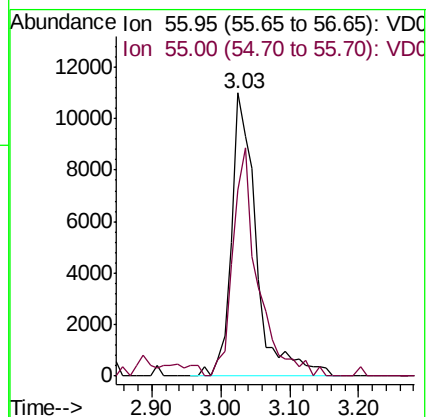
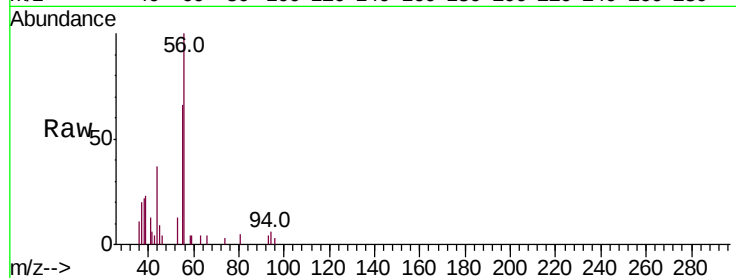
VD0625SBS02

Tot Ion: 56 Resp: 27463

Ion Ratio Lower Upper

56 100

55 65.7 55.4 83.0



#14

Allyl chloride

Concen: 24.061 ug/l

RT: 3.61 min Scan# 221

Delta R.T. -0.02 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

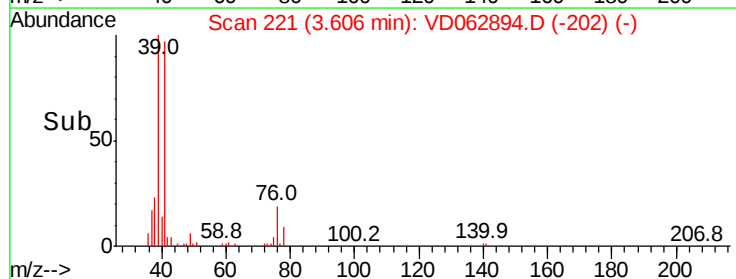
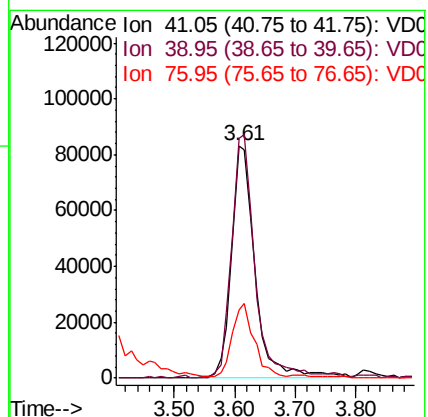
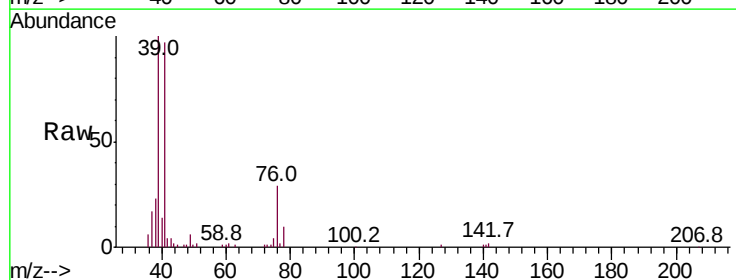
Tgt Ion: 41 Resp: 226238

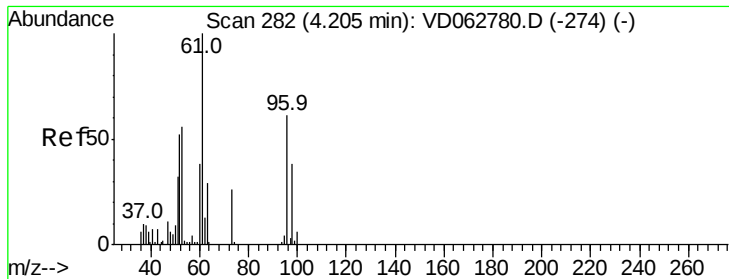
Ion Ratio Lower Upper

41 100

39 103.2 88.8 133.2

76 29.6 26.7 40.1





#15

Acrylonitrile

Concen: 131.208 ug/l

RT: 4.20 min Scan# 281

Delta R.T. -0.01 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBS02

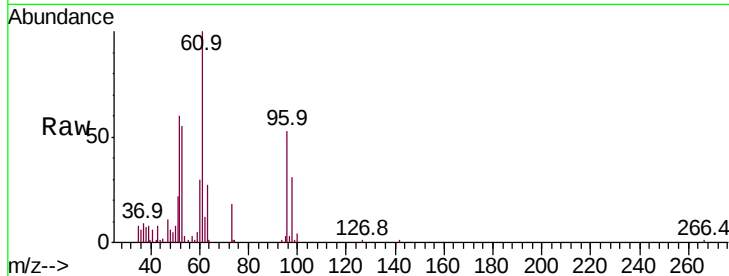
Tot Ion: 53 Resp: 122383

Ion Ratio Lower Upper

53 100

52 107.5 73.3 109.9

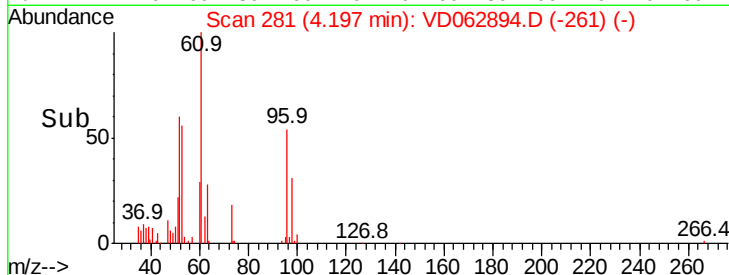
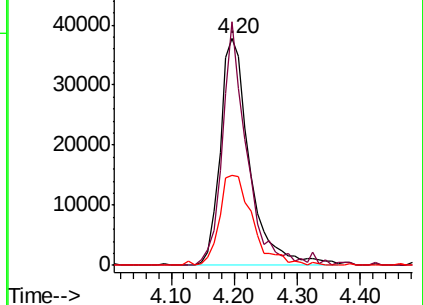
51 39.9 44.8 67.2#



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 109.778 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062894.D

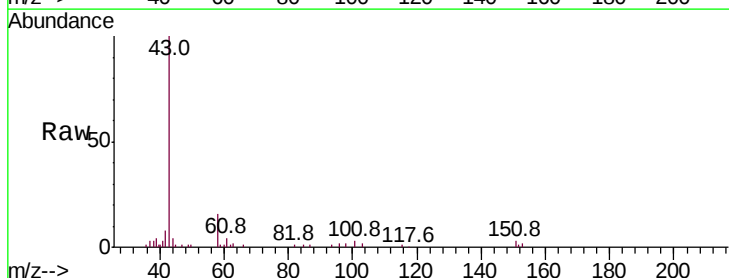
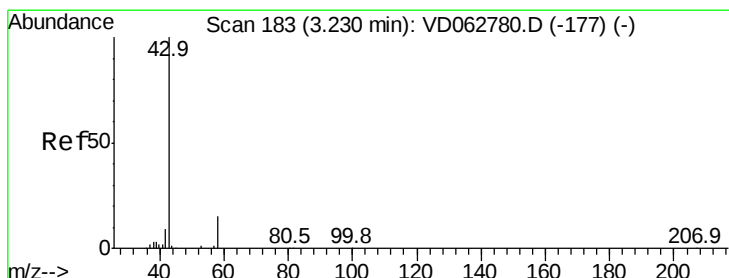
Acq: 26 Jun 2019 00:46

Tgt Ion: 43 Resp: 200966

Ion Ratio Lower Upper

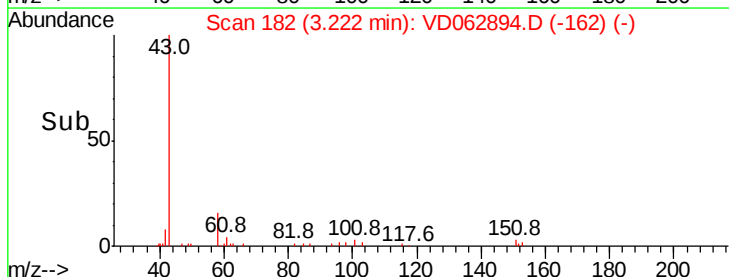
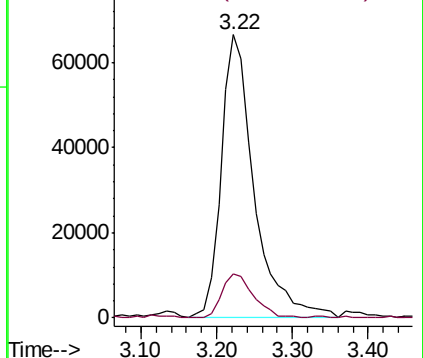
43 100

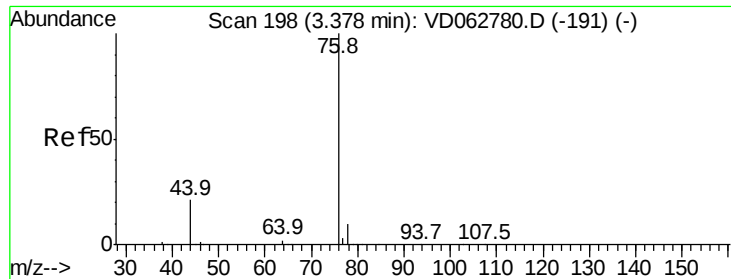
58 15.6 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

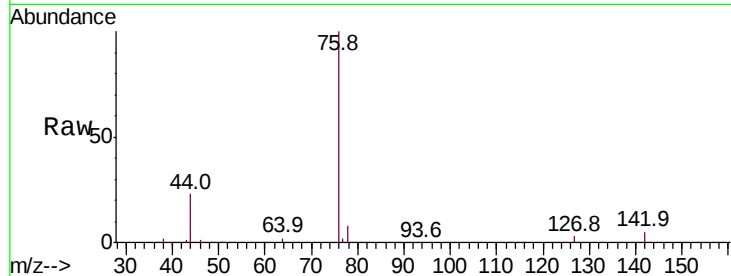




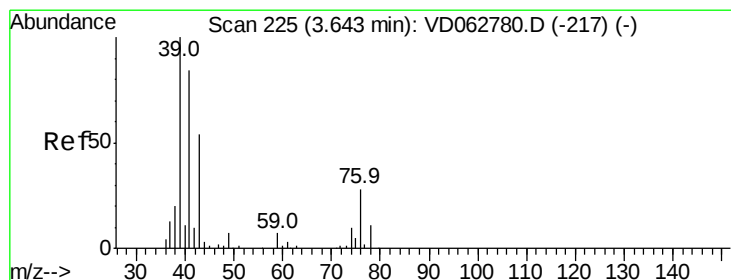
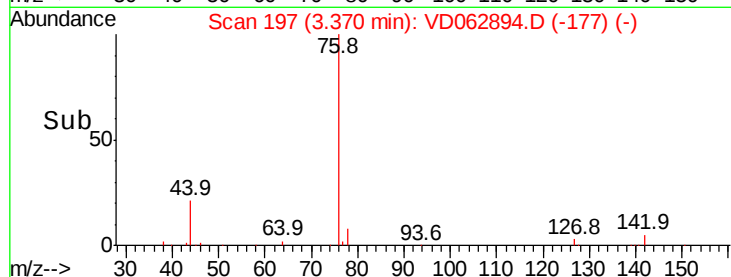
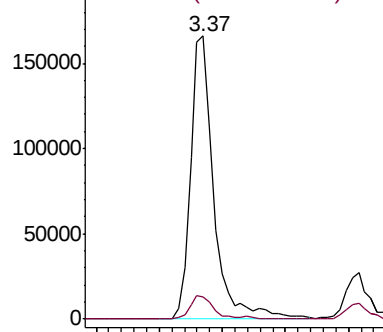
#17
Carbon Disulfide
Concen: 21.014 ug/l
RT: 3.37 min Scan# 197
Delta R.T. -0.01 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBS02

Tot Ion: 76 Resp: 427378
Ion Ratio Lower Upper
76 100
78 8.0 8.0 12.0

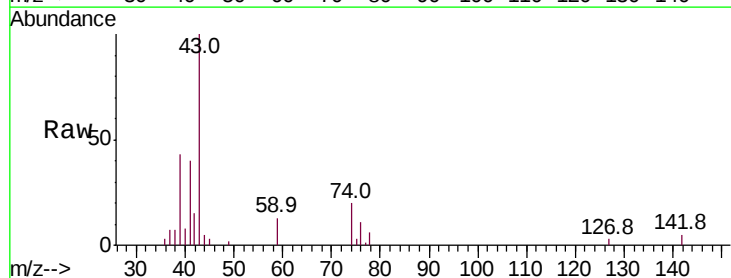


Abundance Ion 75.85 (75.55 to 76.55): VDC
Ion 77.85 (77.55 to 78.55): VDC

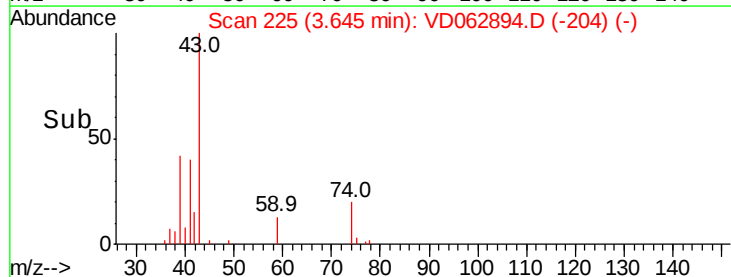
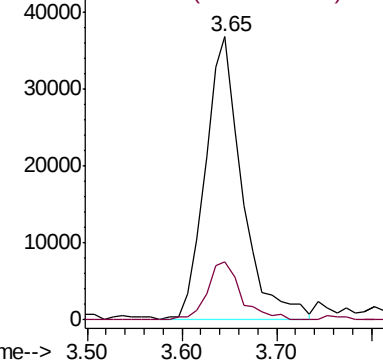


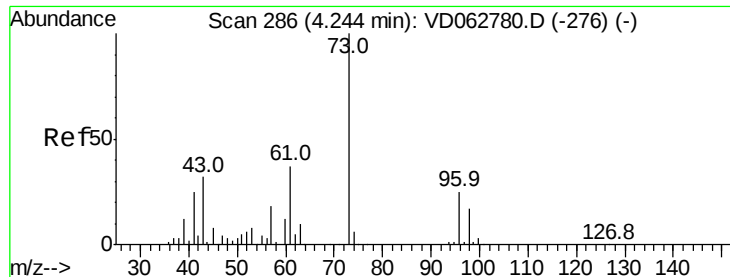
#18
Methyl Acetate
Concen: 37.676 ug/l
RT: 3.65 min Scan# 225
Delta R.T. 0.00 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Tgt Ion: 43 Resp: 99128
Ion Ratio Lower Upper
43 100
74 20.3 15.2 22.8



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC

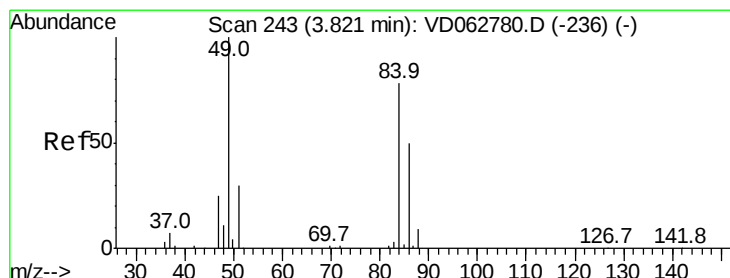
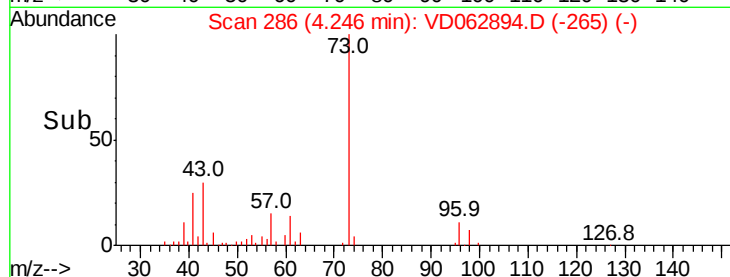
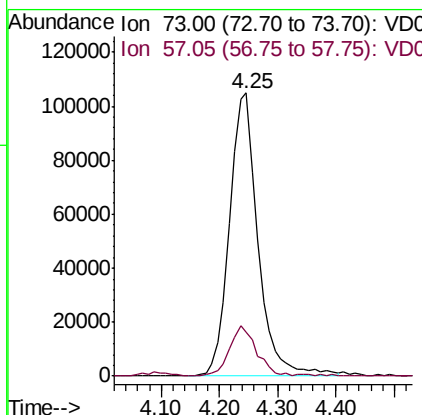
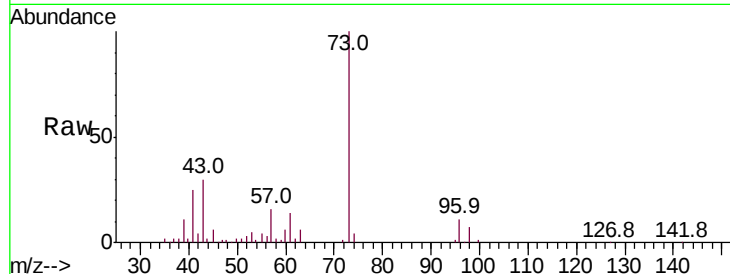




#19
Methyl tert-butyl Ether
Concen: 25.867 ug/l
RT: 4.25 min Scan# 286
Delta R.T. 0.00 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

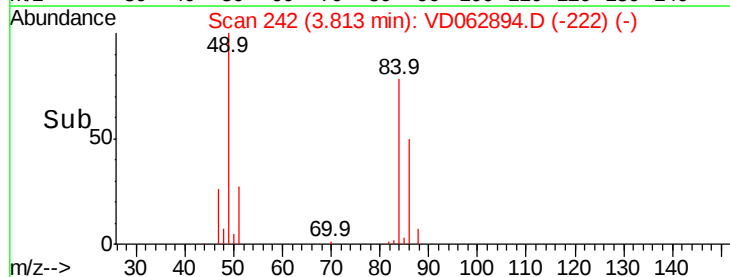
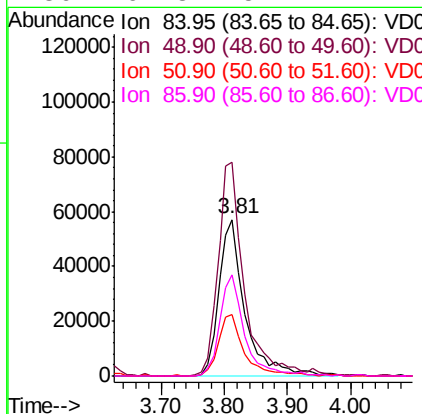
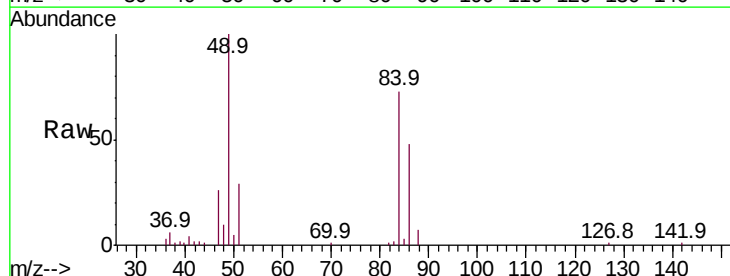
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBS02

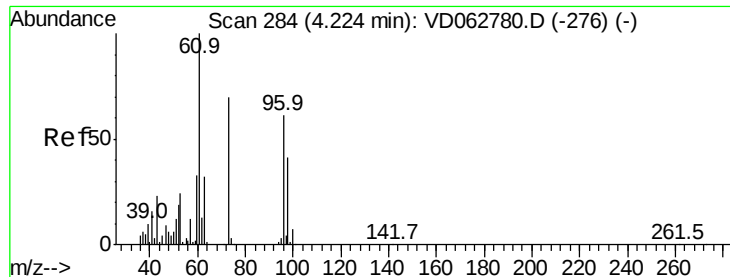
Tot Ion: 73 Resp: 356342
Ion Ratio Lower Upper
73 100
57 15.5 14.3 21.5



#20
Methylene Chloride
Concen: 24.764 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Tgt Ion: 84 Resp: 164610
Ion Ratio Lower Upper
84 100
49 136.4 102.9 154.3
51 39.5 31.2 46.8
86 64.8 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 22.971 ug/l

RT: 4.22 min Scan# 283

Delta R.T. -0.01 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBS02

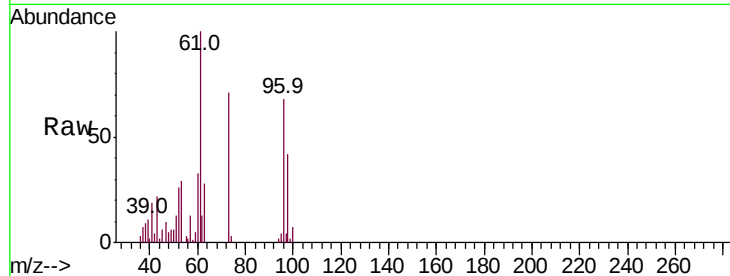
Tot Ion: 96 Resp: 155647

Ion Ratio Lower Upper

96 100

61 147.8 131.0 196.4

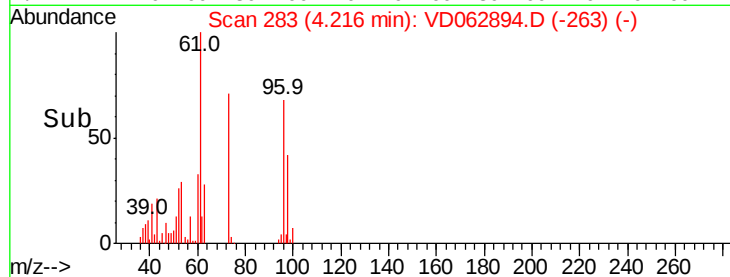
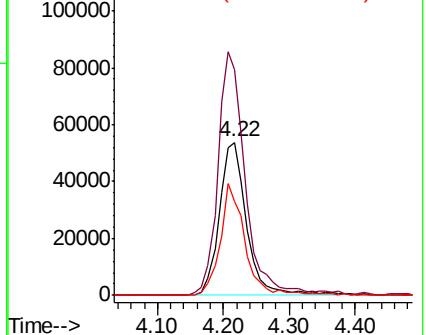
98 61.7 53.2 79.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 23.510 ug/l

RT: 5.12 min Scan# 375

Delta R.T. -0.01 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Tgt Ion: 45 Resp: 449572

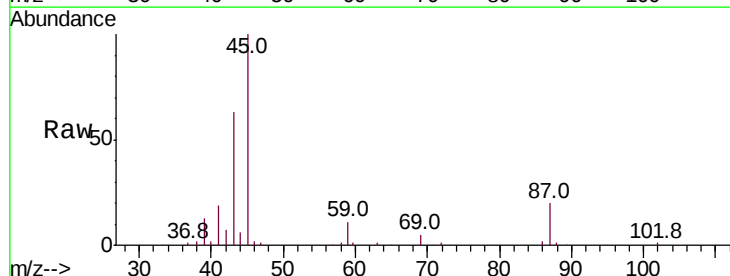
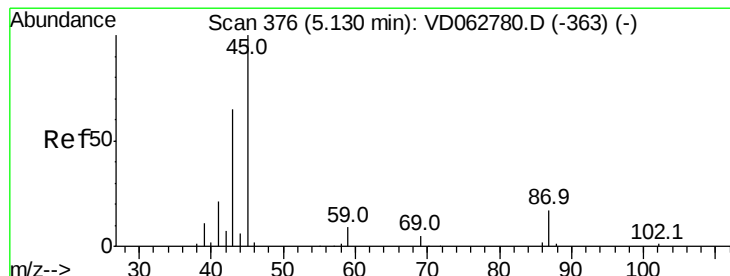
Ion Ratio Lower Upper

45 100

43 63.2 53.4 80.0

87 20.0 14.6 22.0

59 10.9 7.8 11.8

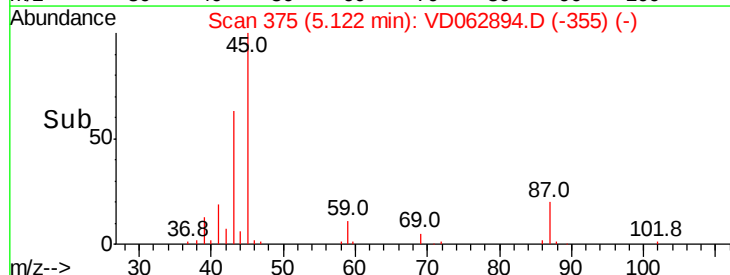
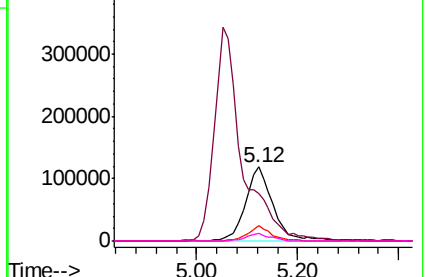


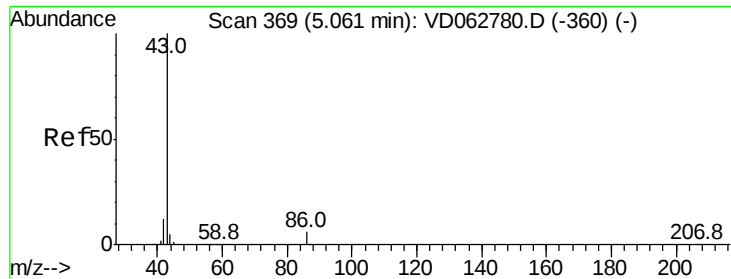
Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 110.306 ug/l

RT: 5.05 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Instrument :

MSVOA_D

ClientSampleId :

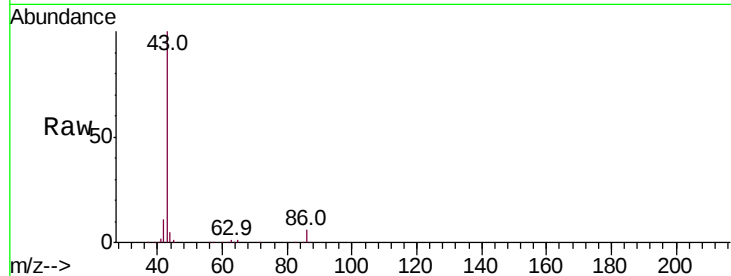
VD0625SBS02

Tot Ion: 43 Resp: 1319878

Ion Ratio Lower Upper

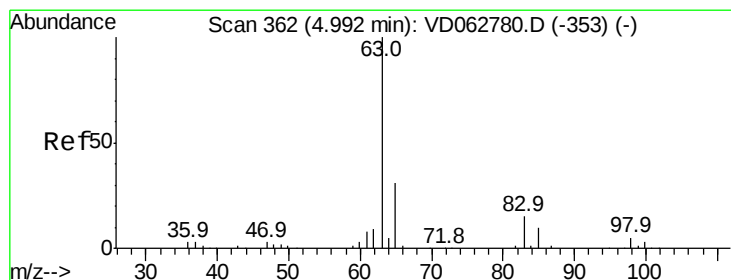
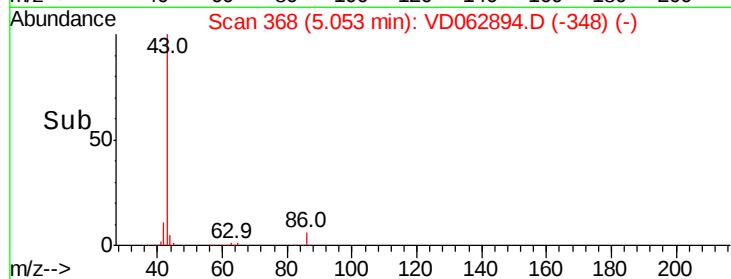
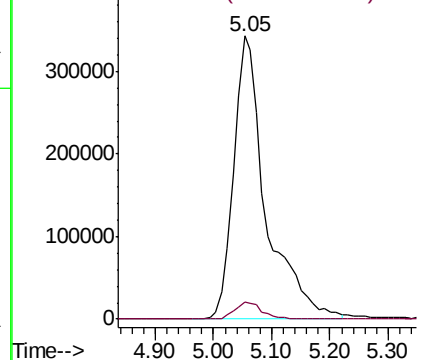
43 100

86 6.0 4.7 7.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 22.120 ug/l

RT: 4.97 min Scan# 360

Delta R.T. -0.02 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

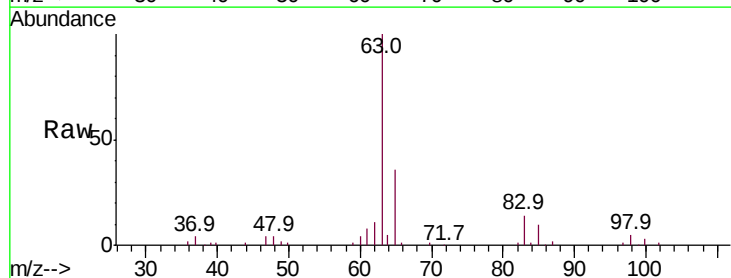
Tgt Ion: 63 Resp: 275398

Ion Ratio Lower Upper

63 100

98 5.1 2.3 6.9

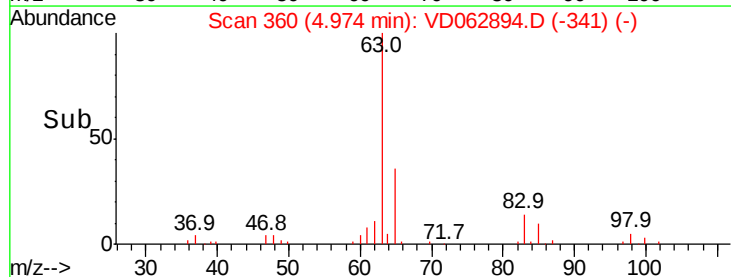
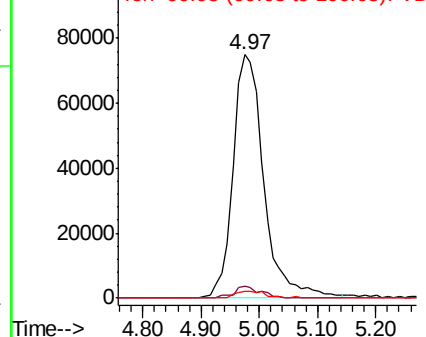
100 2.5 1.7 5.1

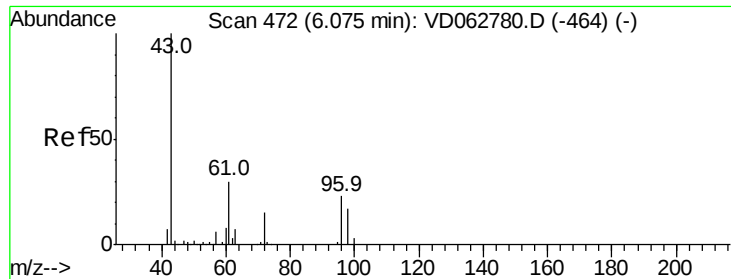


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 120.570 ug/l

RT: 6.08 min Scan# 472

Delta R.T. 0.00 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Instrument :

MSVOA_D

ClientSampleId :

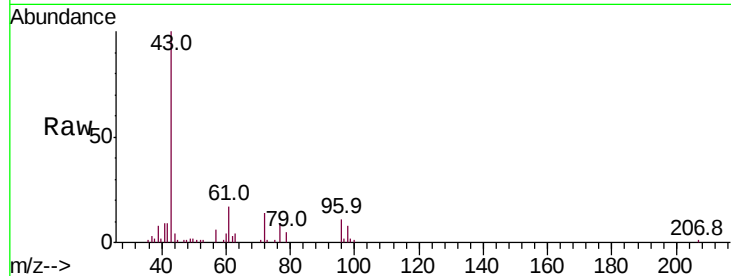
VD0625SBS02

Tot Ion: 43 Resp: 196544

Ion Ratio Lower Upper

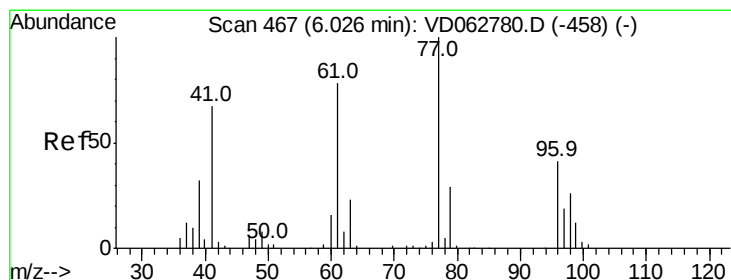
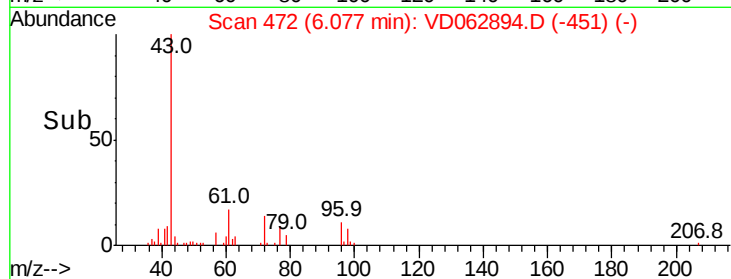
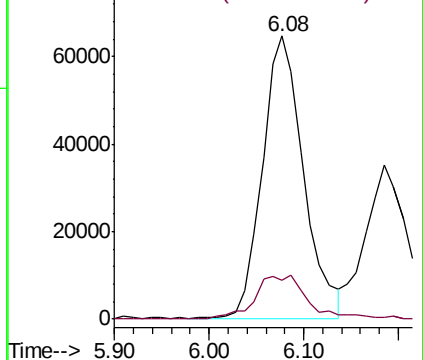
43 100

72 13.9 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 18.792 ug/l

RT: 6.02 min Scan# 466

Delta R.T. -0.01 min

Lab File: VD062894.D

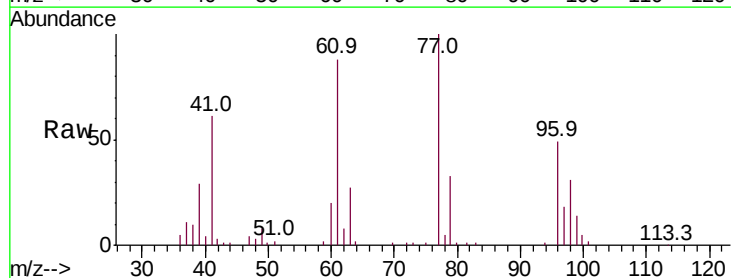
Acq: 26 Jun 2019 00:46

Tgt Ion: 77 Resp: 247986

Ion Ratio Lower Upper

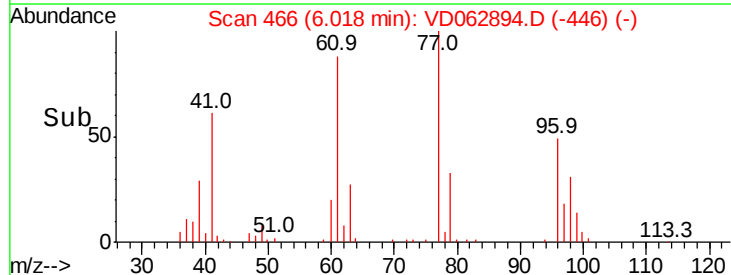
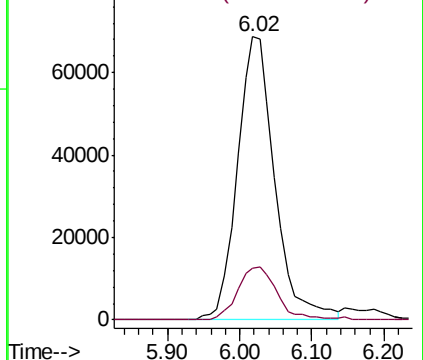
77 100

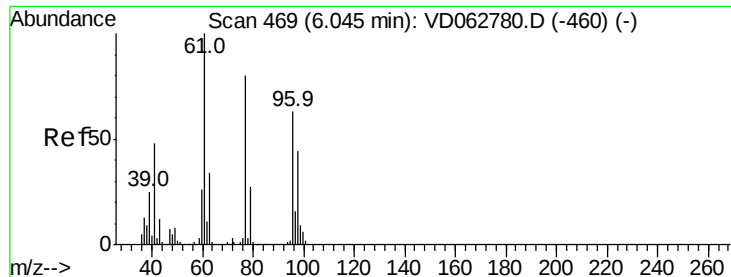
97 18.4 9.5 28.5



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

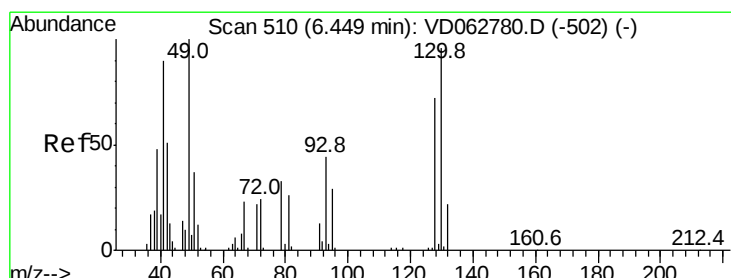
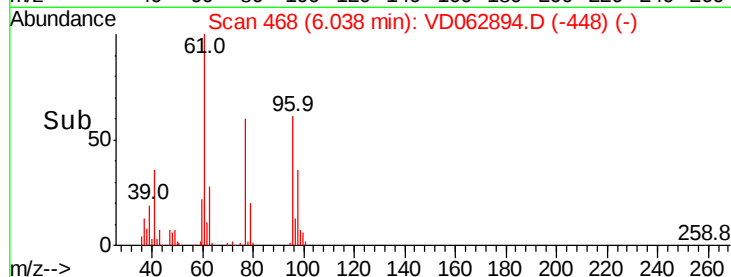
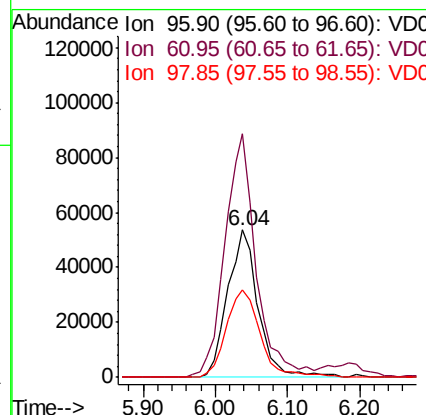
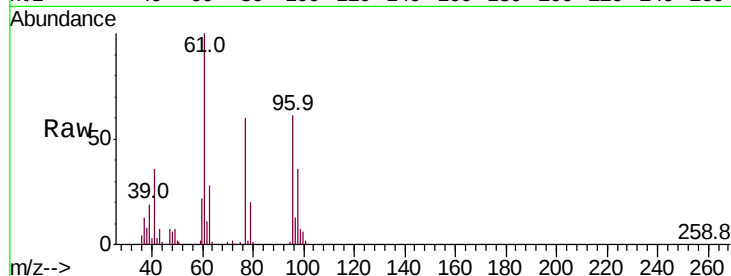




#27
 cis-1,2-Dichloroethene
 Concen: 22.008 ug/l
 RT: 6.04 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: VD062894.D
 Acq: 26 Jun 2019 00:46

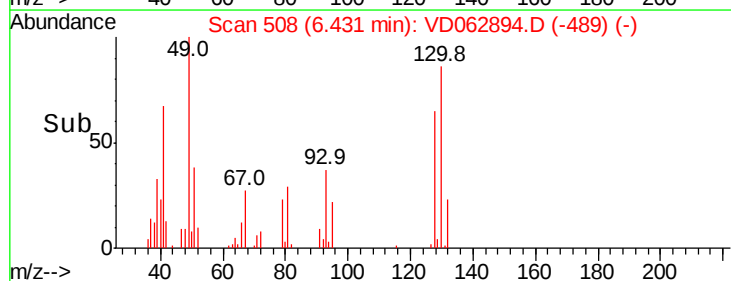
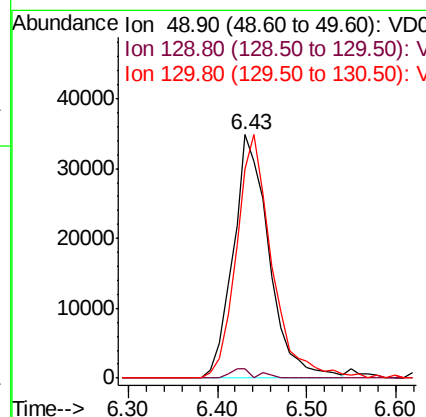
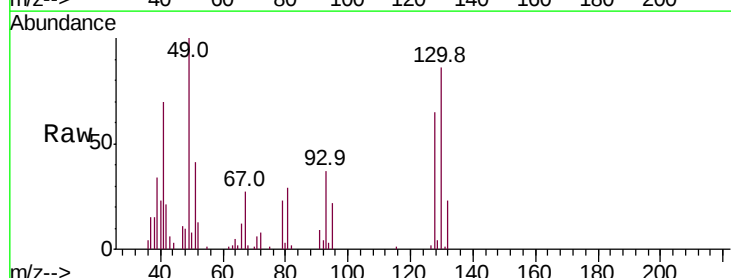
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBS02

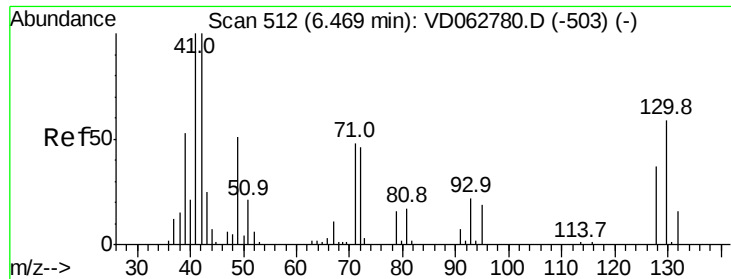
Tot Ion: 96 Resp: 157693
 Ion Ratio Lower Upper
 96 100
 61 165.1 0.0 316.0
 98 58.9 0.0 138.4



#28
 Bromochloromethane
 Concen: 22.322 ug/l
 RT: 6.43 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: VD062894.D
 Acq: 26 Jun 2019 00:46

Tgt Ion: 49 Resp: 97880
 Ion Ratio Lower Upper
 49 100
 129 4.0 0.0 5.6
 130 85.9 76.6 114.8

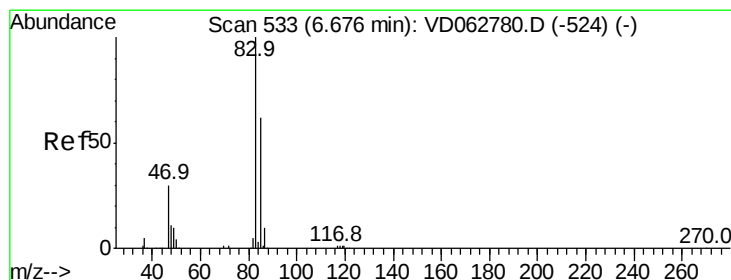
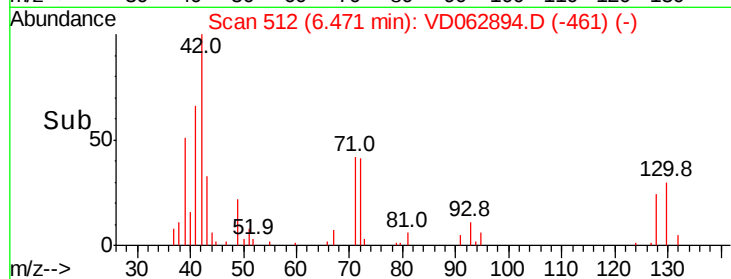
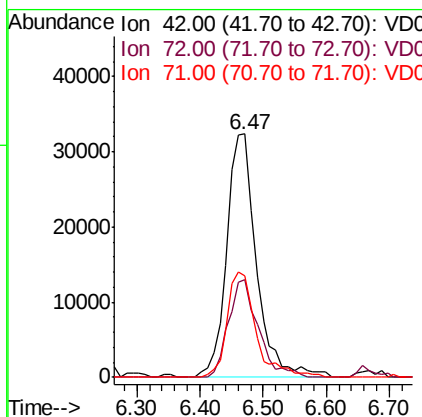
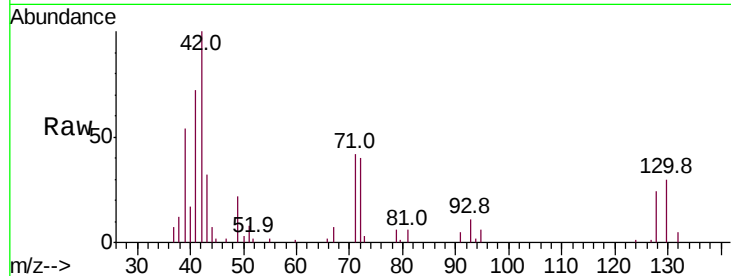




#29
Tetrahydrofuran
Concen: 136.746 ug/l
RT: 6.47 min Scan# 512
Delta R.T. 0.00 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

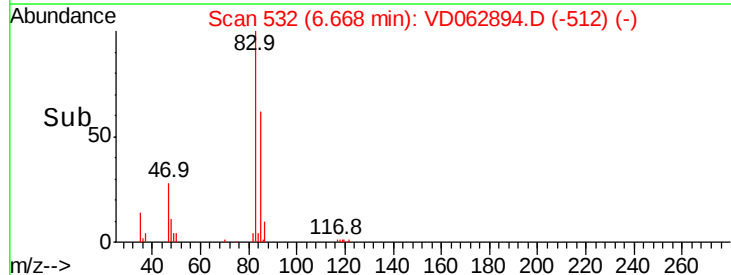
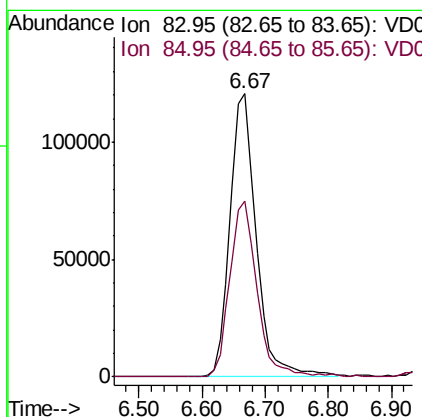
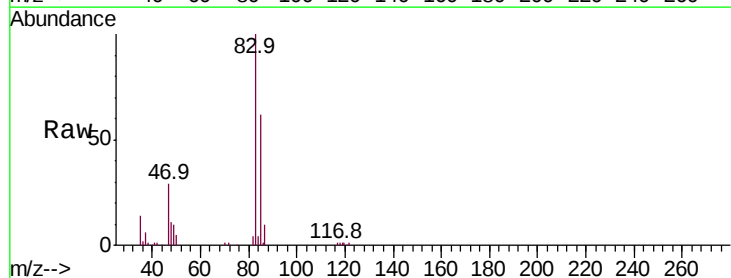
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBS02

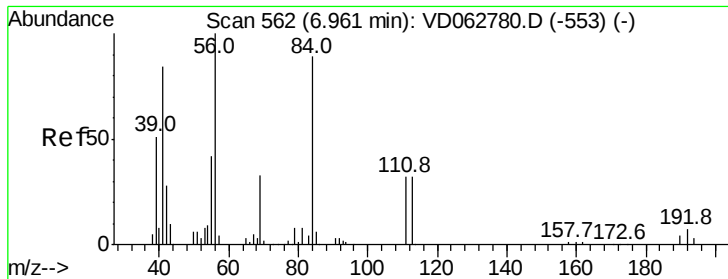
Tot Ion: 42 Resp: 105468
Ion Ratio Lower Upper
42 100
72 40.1 35.0 52.6
71 41.9 33.3 49.9



#30
Chloroform
Concen: 22.873 ug/l
RT: 6.67 min Scan# 532
Delta R.T. -0.01 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Tgt Ion: 83 Resp: 346318
Ion Ratio Lower Upper
83 100
85 62.0 49.8 74.6

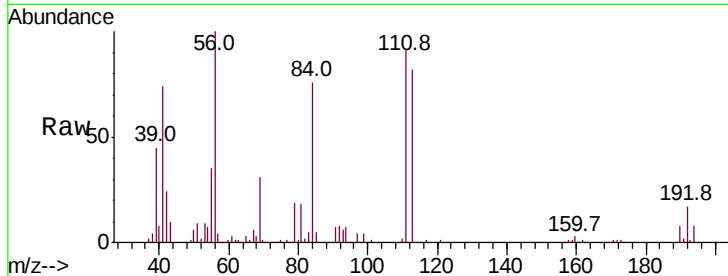




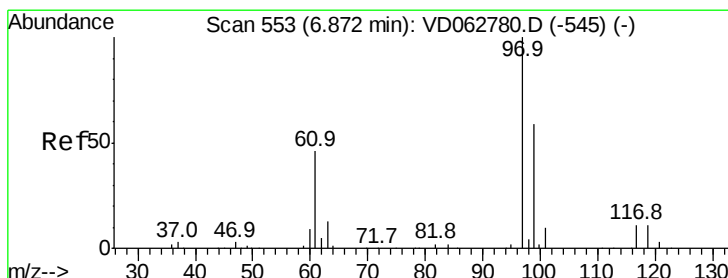
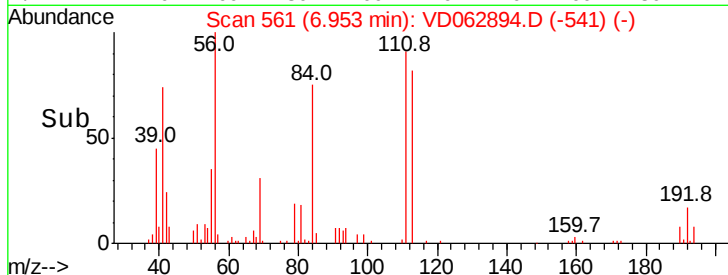
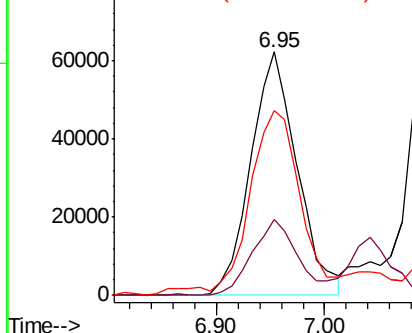
#31
Cvclohexane
Concen: 22.580 ug/l
RT: 6.95 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBS02

Tot Ion: 56 Resp: 184808
Ion Ratio Lower Upper
56 100
69 31.3 26.6 39.8
84 76.0 75.5 113.3

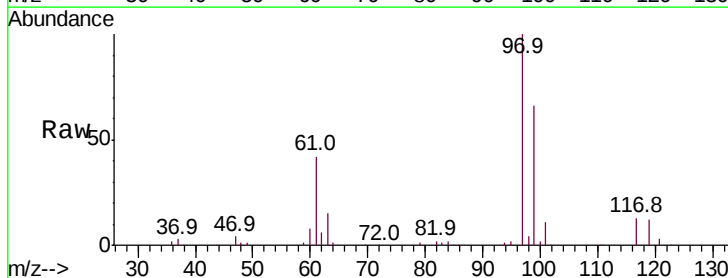


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

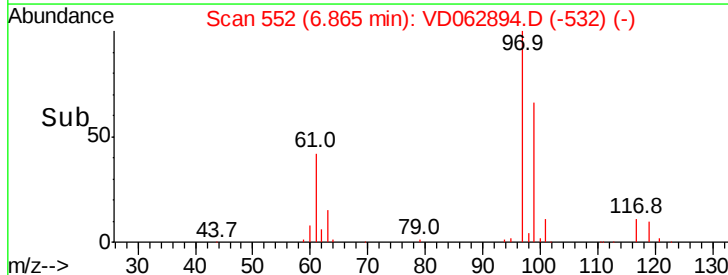
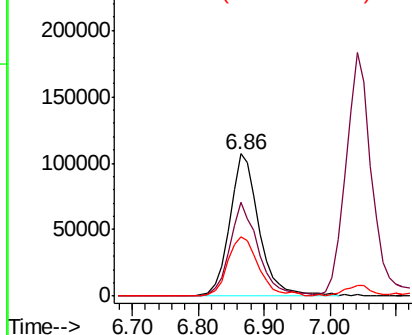


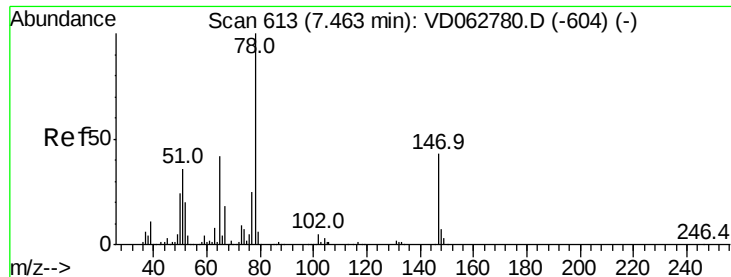
#32
1,1,1-Trichloroethane
Concen: 21.176 ug/l
RT: 6.86 min Scan# 552
Delta R.T. -0.01 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Tgt Ion: 97 Resp: 333964
Ion Ratio Lower Upper
97 100
99 65.8 47.4 71.2
61 41.7 37.2 55.8



Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC

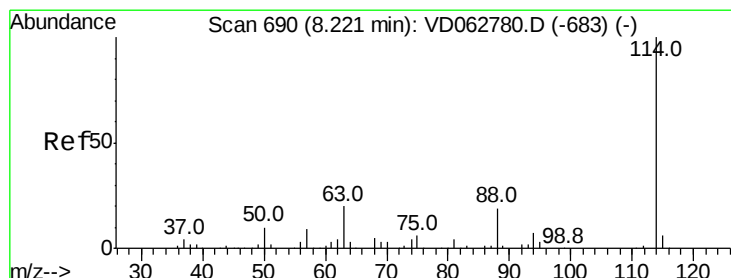
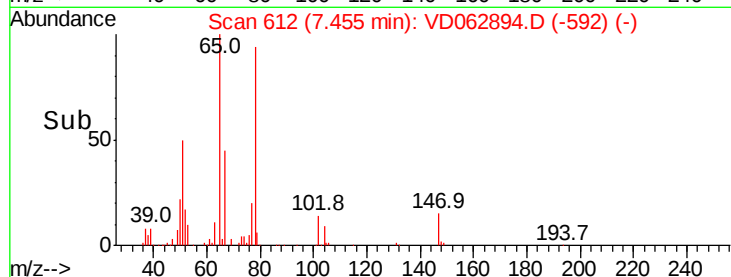
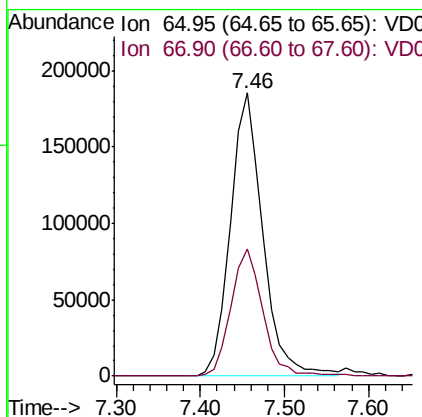
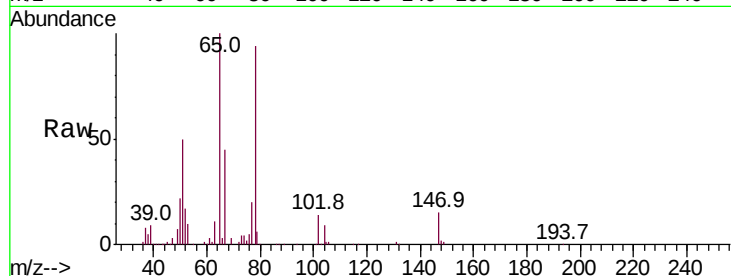




#33
 1,2-Dichloroethane-d4
 Concen: 56.961 ug/l
 RT: 7.46 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: VD062894.D
 Acq: 26 Jun 2019 00:46

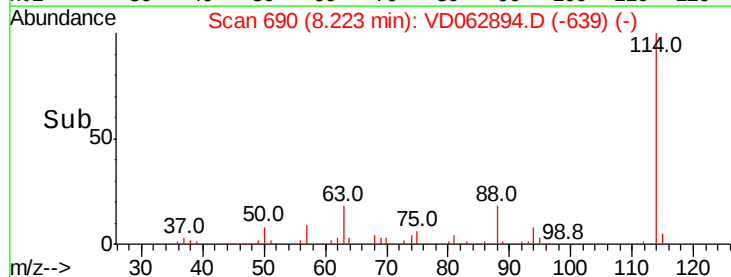
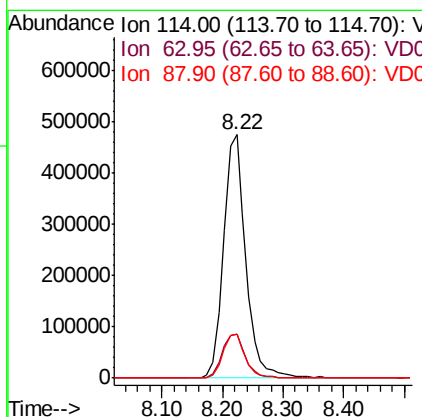
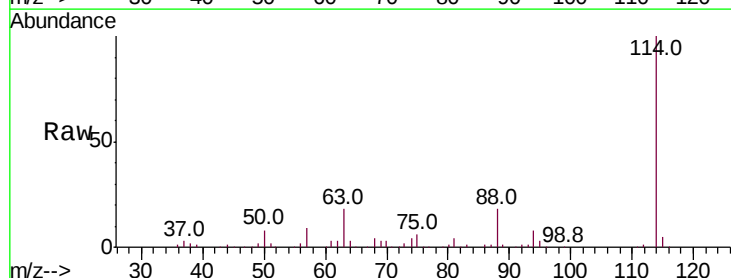
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBS02

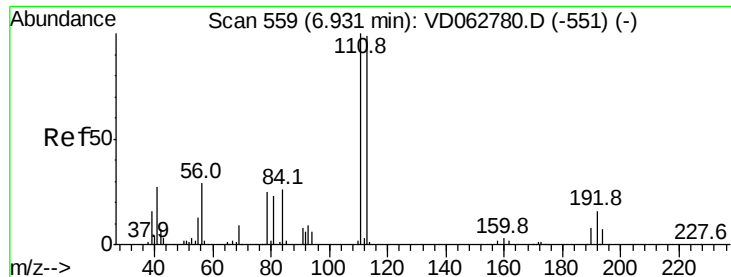
Tot Ion: 65 Resp: 496459
 Ion Ratio Lower Upper
 65 100
 67 44.9 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD062894.D
 Acq: 26 Jun 2019 00:46

Tgt Ion: 114 Resp: 1203682
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 40.0
 88 17.8 0.0 38.8

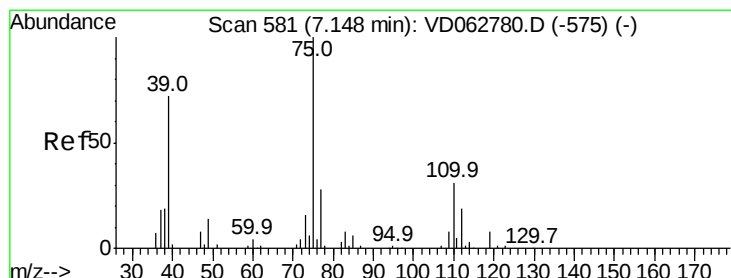
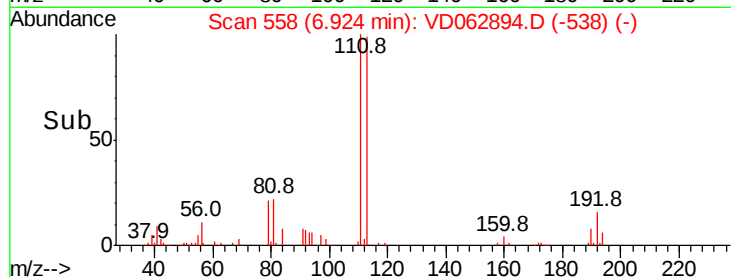
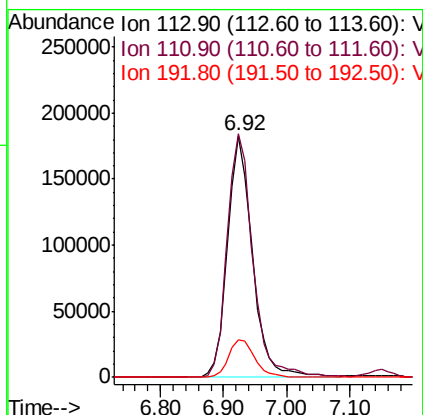
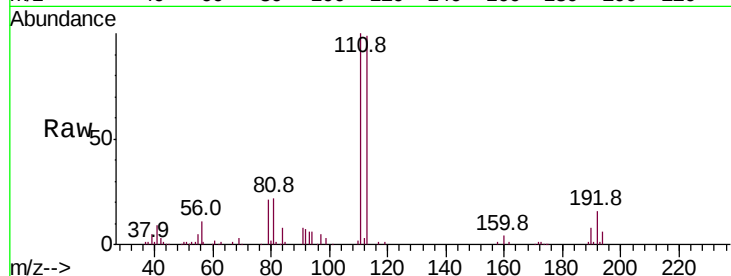




#35
 Dibromofluoromethane
 Concen: 49.194 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD062894.D
 Acq: 26 Jun 2019 00:46

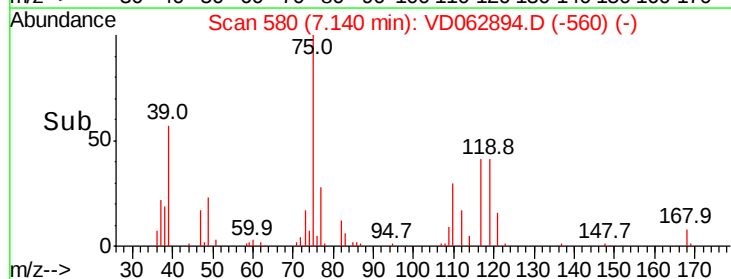
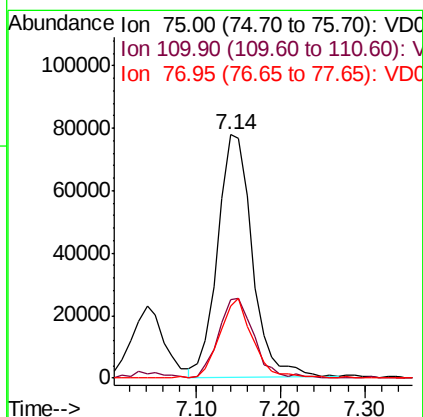
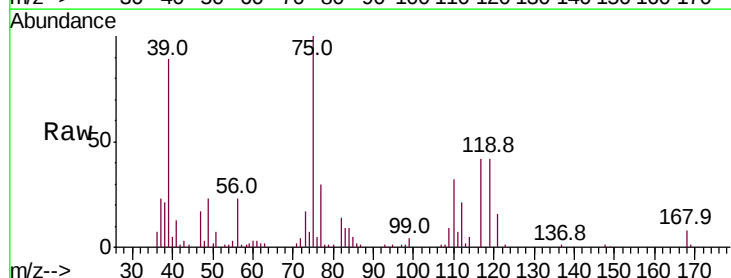
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBS02

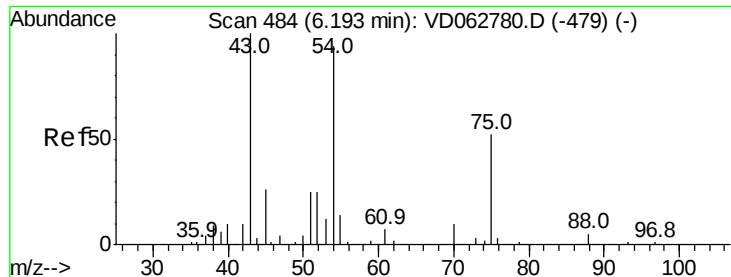
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.2	121.8
192	15.7	12.9	19.3



#36
 1,1-Dichloropropene
 Concen: 19.370 ug/l
 RT: 7.14 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: VD062894.D
 Acq: 26 Jun 2019 00:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.4	15.0	45.1
77	29.9	22.2	33.2

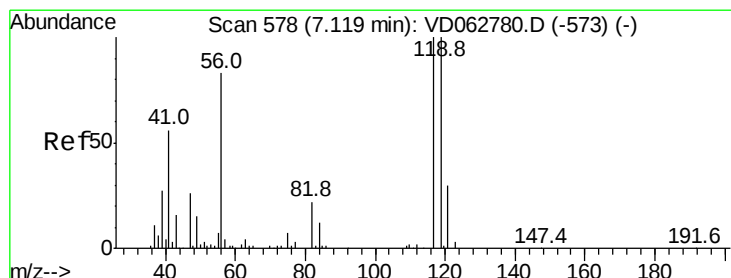
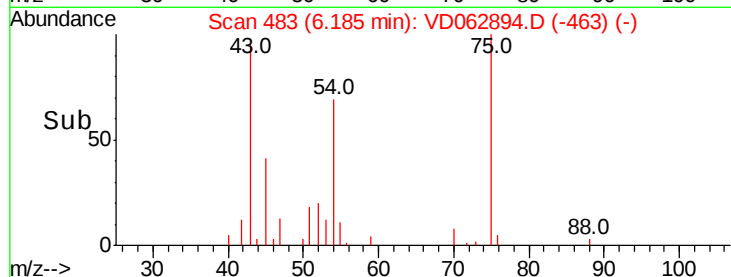
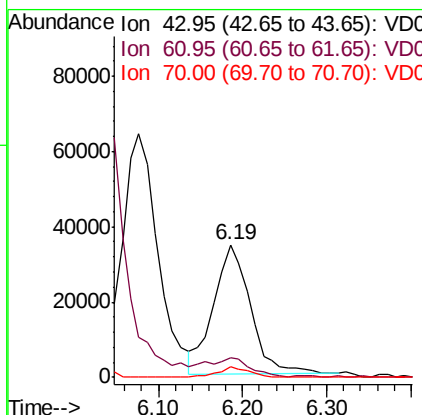
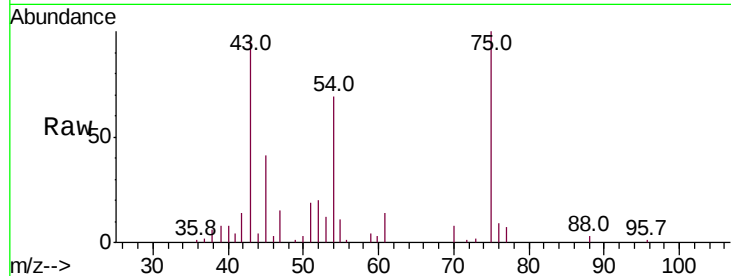




#37
Ethyl Acetate
Concen: 21.246 ug/l
RT: 6.19 min Scan# 483
Delta R.T. -0.01 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

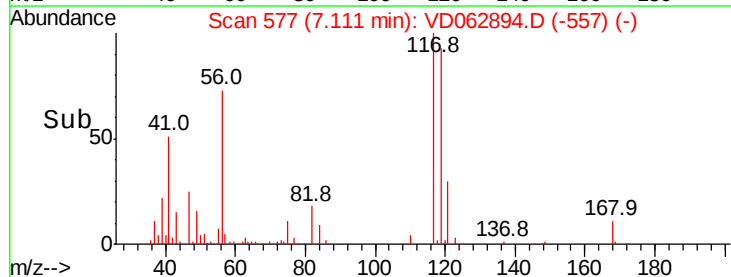
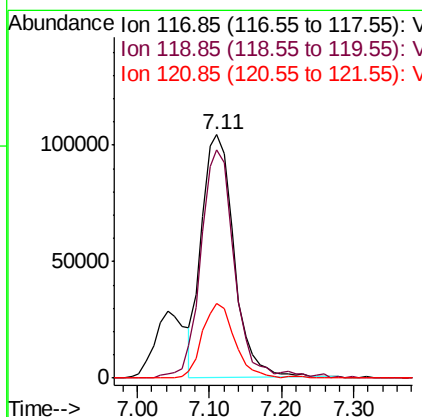
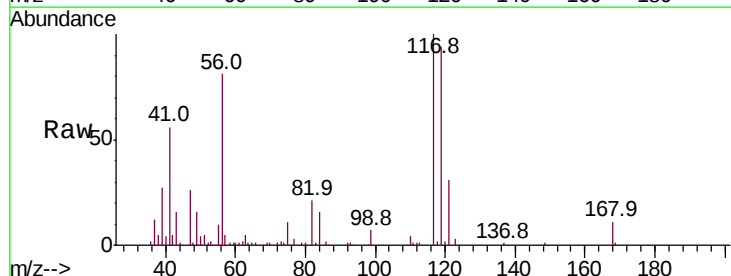
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBS02

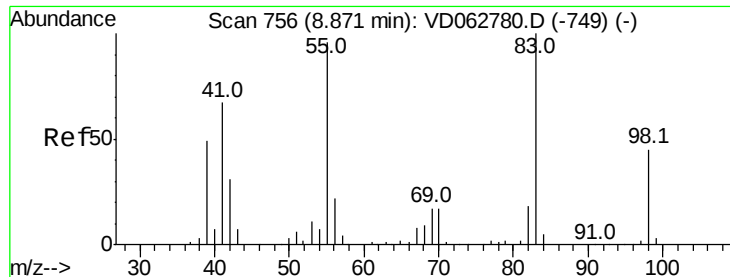
Tot Ion: 43 Resp: 104725
Ion Ratio Lower Upper
43 100
61 15.0 11.6 17.4
70 8.2 6.4 9.6



#38
Carbon Tetrachloride
Concen: 18.843 ug/l
RT: 7.11 min Scan# 577
Delta R.T. -0.01 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Tgt Ion: 117 Resp: 322913
Ion Ratio Lower Upper
117 100
119 94.0 75.4 113.2
121 30.8 22.3 33.5

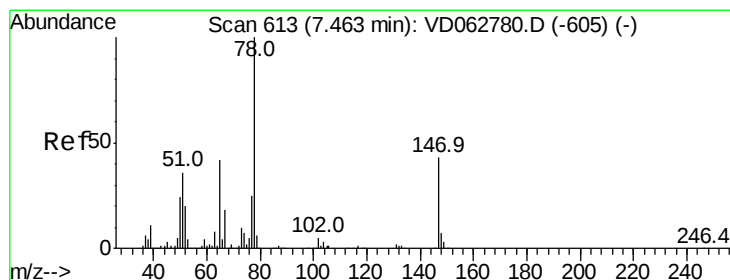
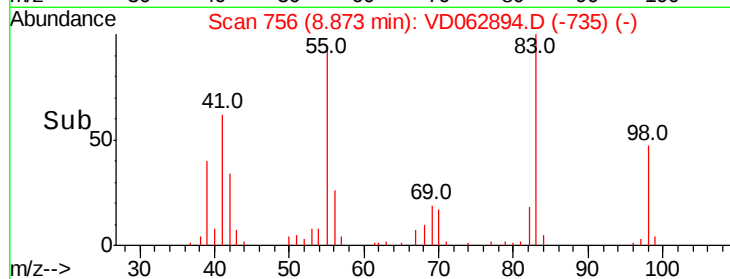
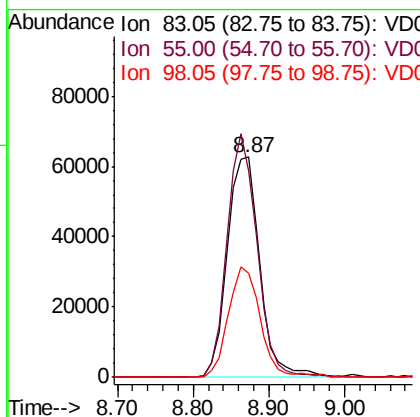
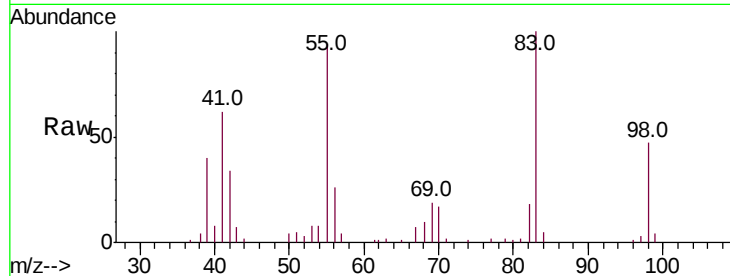




#39
Methvlcvclohexane
Concen: 18.574 ug/l
RT: 8.87 min Scan# 756
Delta R.T. 0.00 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

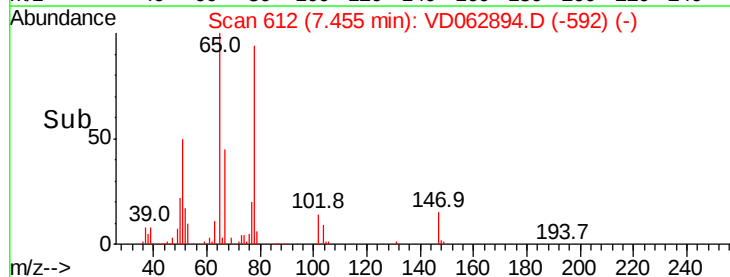
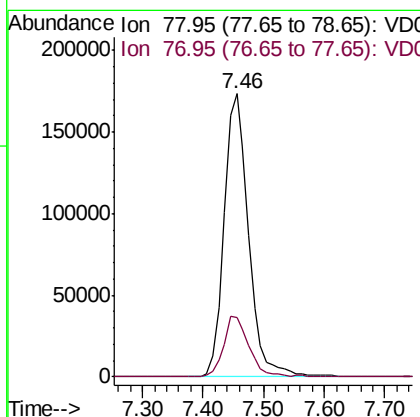
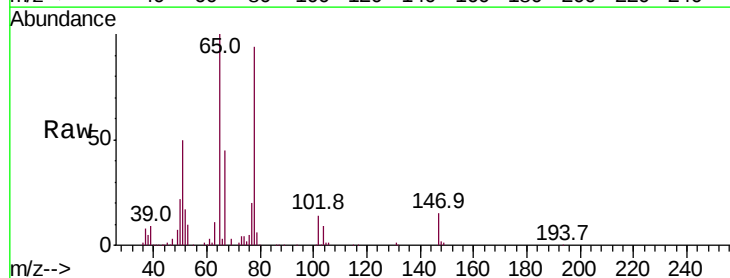
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBS02

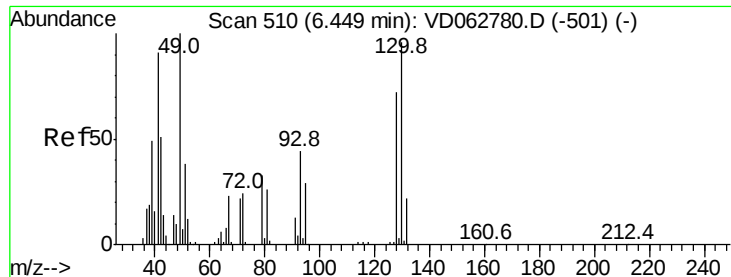
Tot Ion: 83 Resp: 186291
Ion Ratio Lower Upper
83 100
55 94.0 76.6 115.0
98 47.3 35.7 53.5



#40
Benzene
Concen: 21.202 ug/l
RT: 7.46 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Tgt Ion: 78 Resp: 484951
Ion Ratio Lower Upper
78 100
77 20.9 20.2 30.2

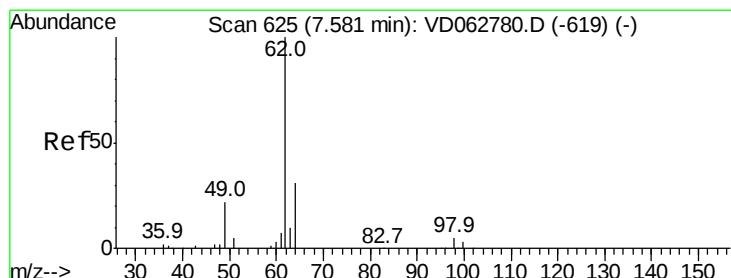
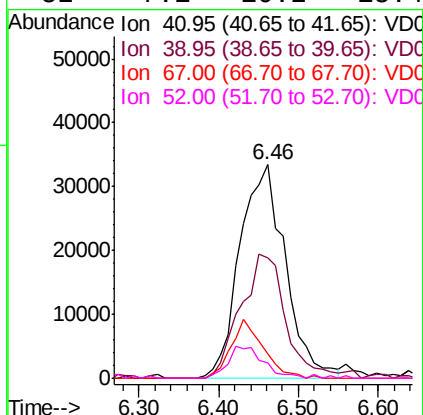
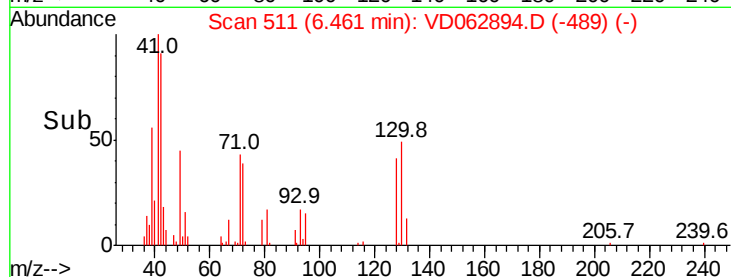
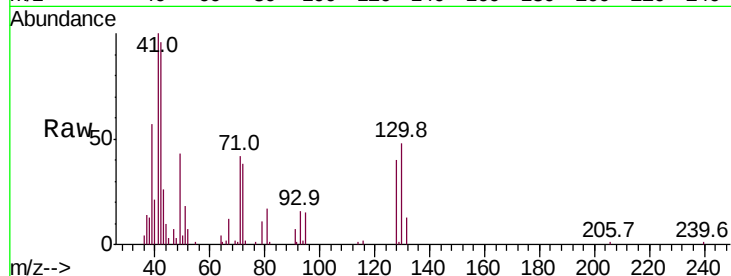




#41
Methacrylonitrile
Concen: 21.978 ug/l
RT: 6.46 min Scan# 511
Delta R.T. 0.01 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

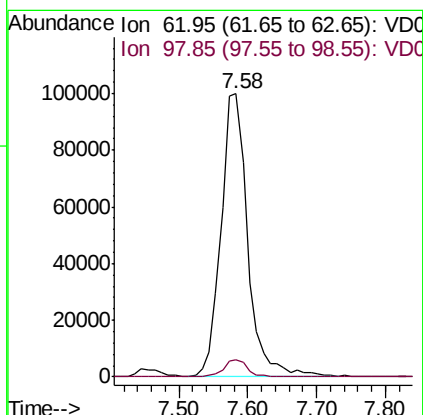
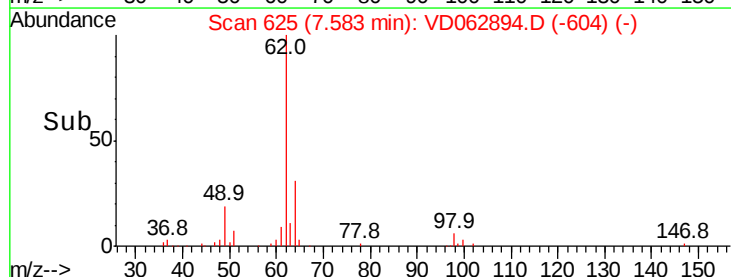
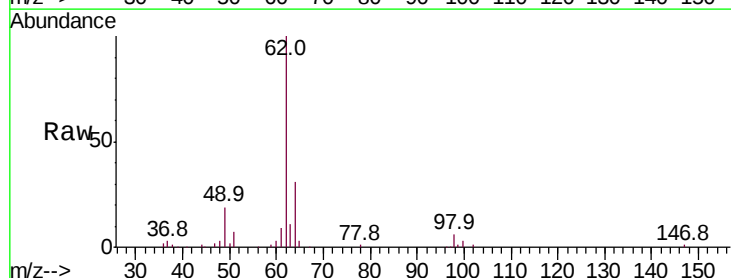
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBS02

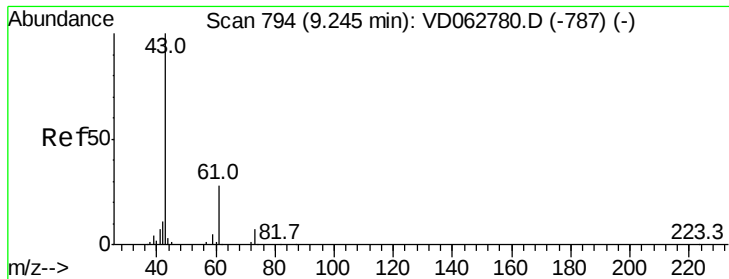
Tot Ion: 41 Resp: 132064
Ion Ratio Lower Upper
41 100
39 56.6 43.2 64.8
67 11.6 19.9 29.9#
52 7.1 10.2 15.4#



#42
1,2-Dichloroethane
Concen: 21.570 ug/l
RT: 7.58 min Scan# 625
Delta R.T. 0.00 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Tgt Ion: 62 Resp: 269132
Ion Ratio Lower Upper
62 100
98 6.0 0.0 10.0





#43

Isopropyl Acetate

Concen: 21.511 ug/l

RT: 9.24 min Scan# 793

Delta R.T. -0.01 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBS02

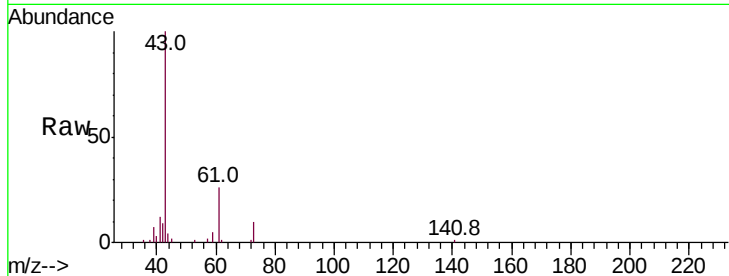
Tot Ion: 43 Resp: 128499

Ion Ratio Lower Upper

43 100

61 26.1 22.4 33.6

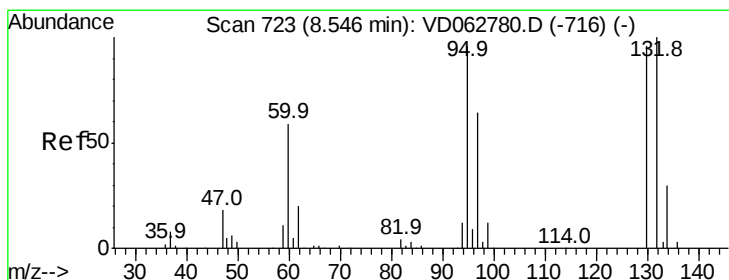
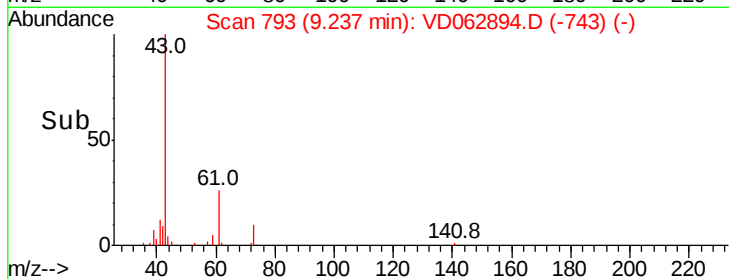
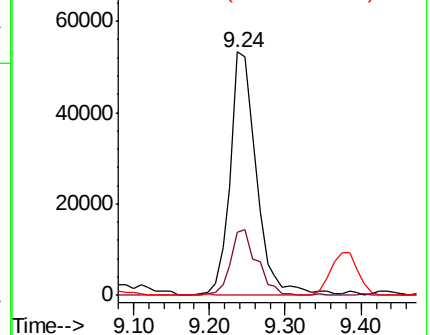
87 0.0 0.3 0.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.968 ug/l

RT: 8.54 min Scan# 722

Delta R.T. -0.01 min

Lab File: VD062894.D

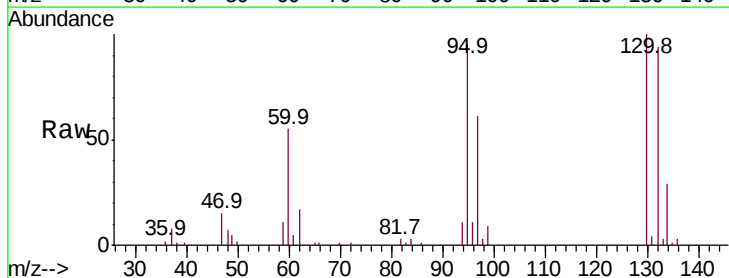
Acq: 26 Jun 2019 00:46

Tgt Ion:130 Resp: 188023

Ion Ratio Lower Upper

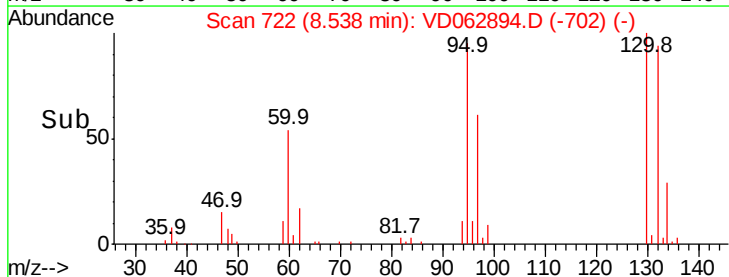
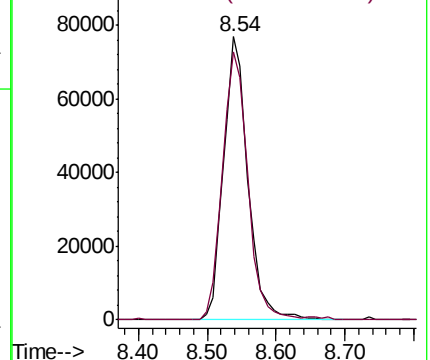
130 100

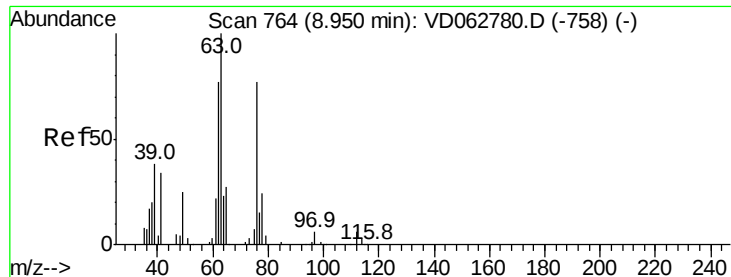
95 94.6 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 19.750 ug/l

RT: 8.94 min Scan# 763

Delta R.T. -0.01 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Instrument :

MSVOA_D

ClientSampleId :

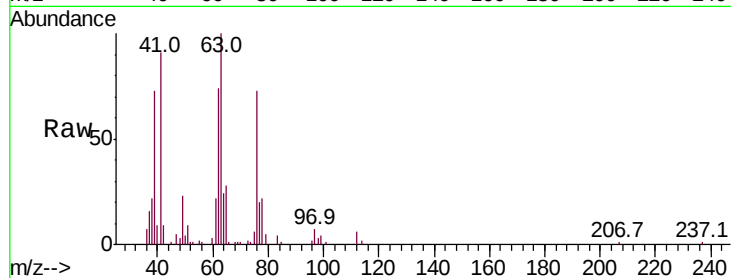
VD0625SBS02

Tot Ion: 63 Resp: 112324

Ion Ratio Lower Upper

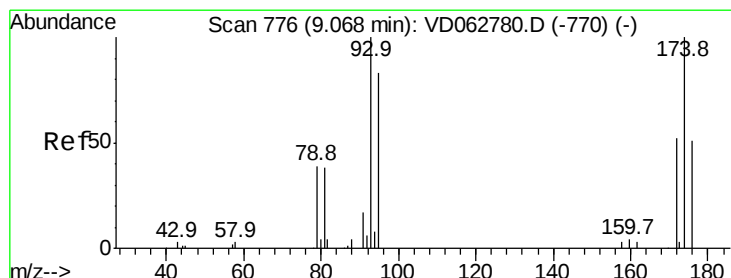
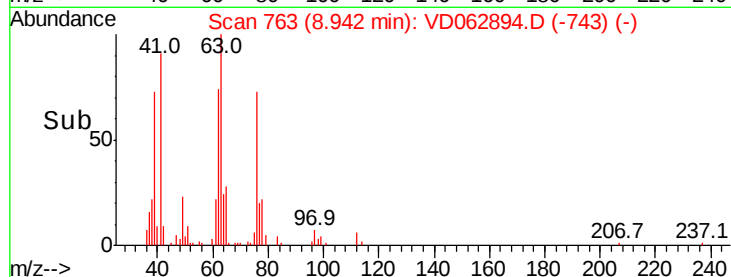
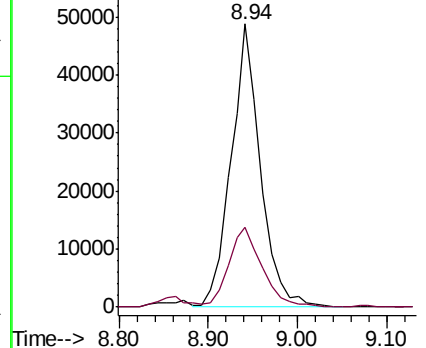
63 100

65 28.2 24.2 36.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 22.131 ug/l

RT: 9.07 min Scan# 776

Delta R.T. 0.00 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

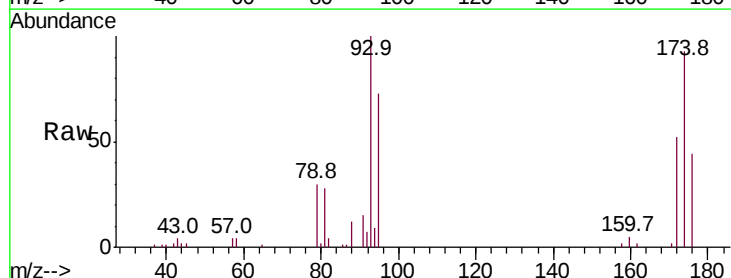
Tgt Ion: 93 Resp: 108120

Ion Ratio Lower Upper

93 100

95 73.0 66.6 100.0

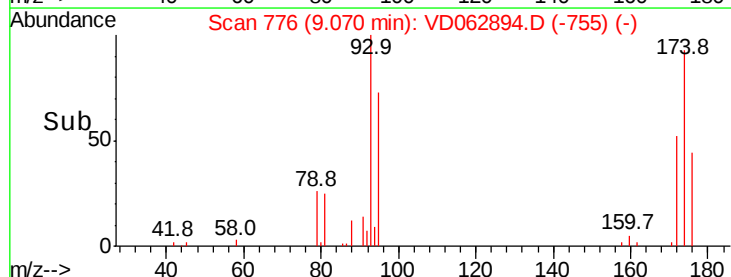
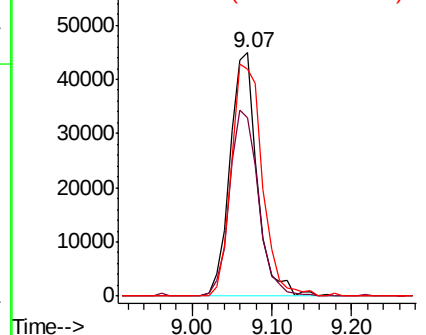
174 93.0 79.7 119.5

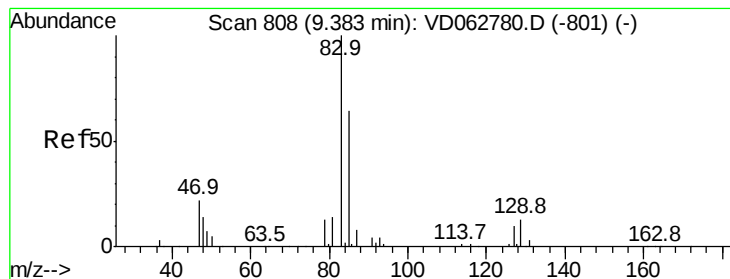


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC





#47

Bromodichloromethane

Concen: 20.469 ug/l

RT: 9.37 min Scan# 807

Delta R.T. -0.01 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBS02

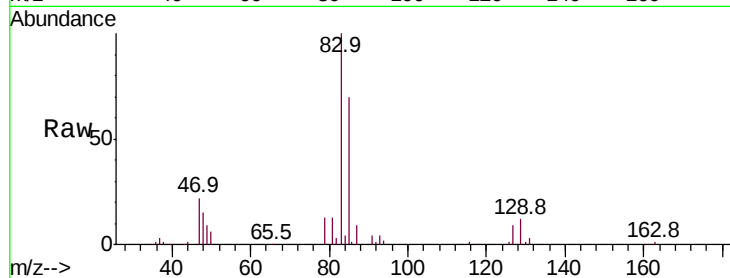
Tot Ion: 83 Resp: 259708

Ion Ratio Lower Upper

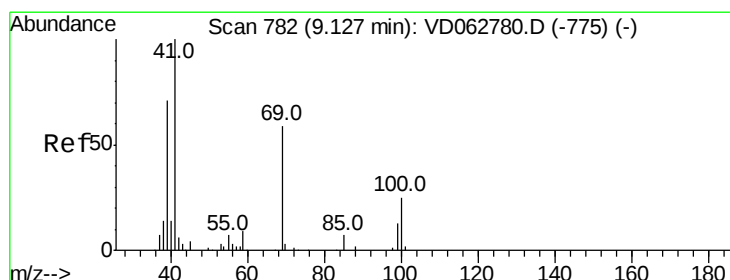
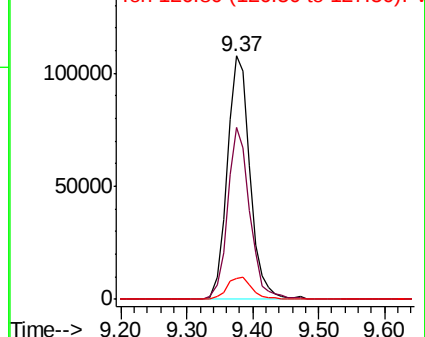
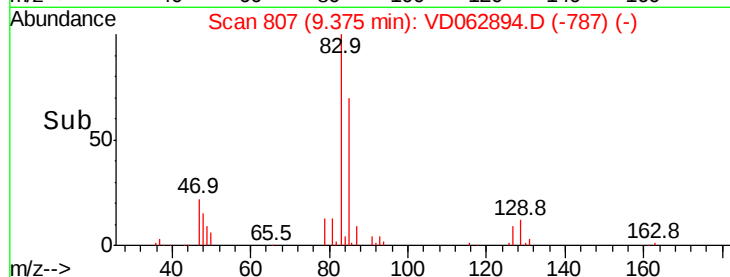
83 100

85 70.4 51.6 77.4

127 8.7 7.8 11.6



Abundance Ion 82.85 (82.55 to 83.55): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 20.841 ug/l

RT: 9.12 min Scan# 781

Delta R.T. -0.01 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

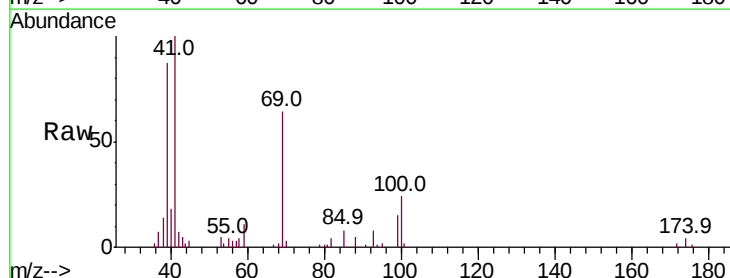
Tgt Ion: 41 Resp: 88473

Ion Ratio Lower Upper

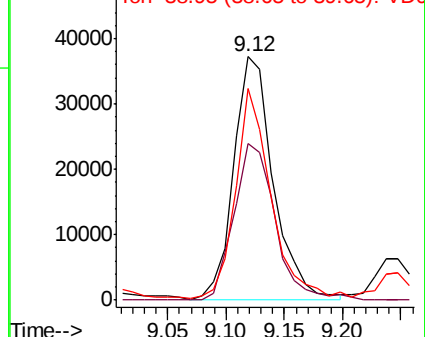
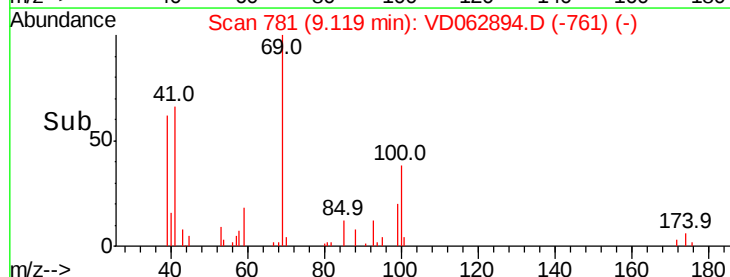
41 100

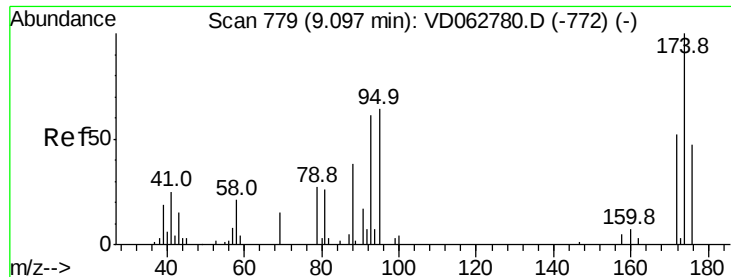
69 64.2 47.2 70.8

39 86.9 57.4 86.2#



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC

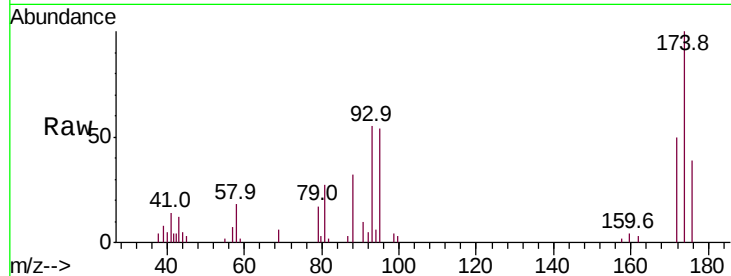




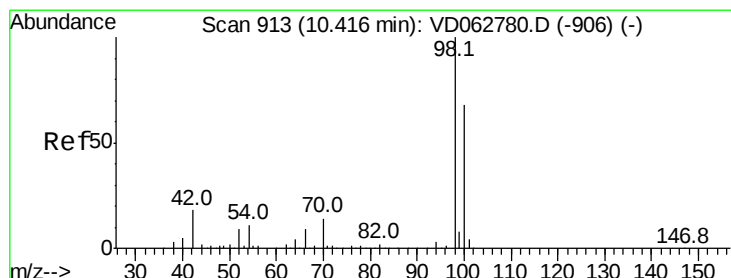
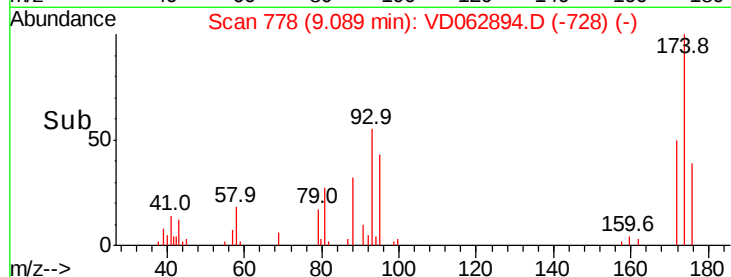
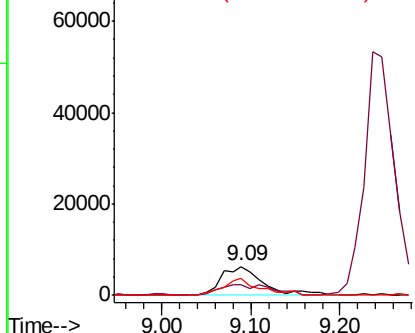
#49
1,4-Dioxane
Concen: 574.294 ug/l
RT: 9.09 min Scan# 778
Delta R.T. -0.01 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBS02

Tot Ion: 88 Resp: 20283
Ion Ratio Lower Upper
88 100
43 36.1 32.1 48.1
58 57.5 44.1 66.1

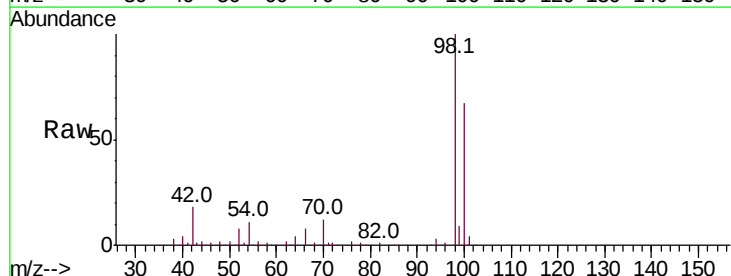


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

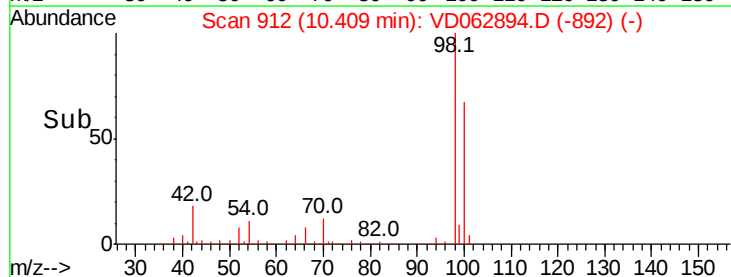
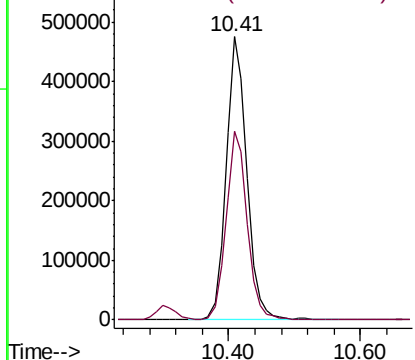


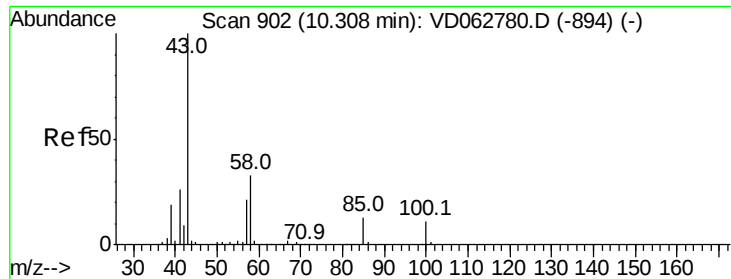
#50
Toluene-d8
Concen: 47.149 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Tgt Ion: 98 Resp: 1041499
Ion Ratio Lower Upper
98 100
100 66.6 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

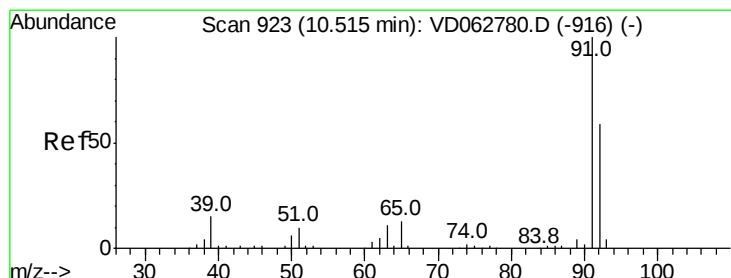
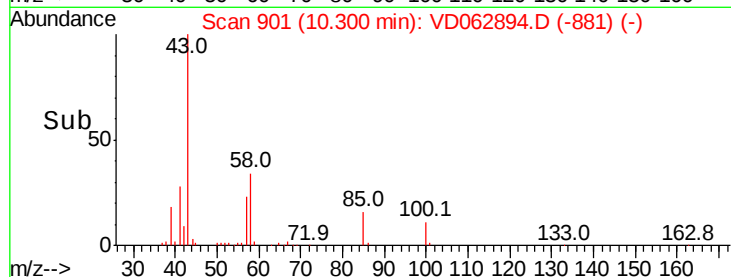
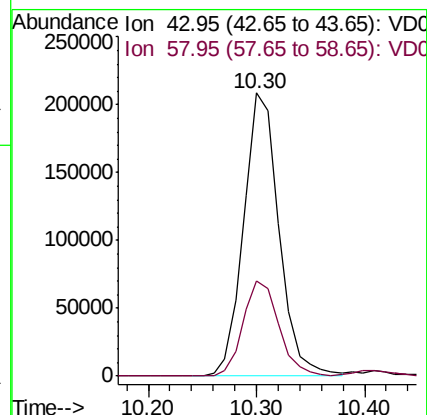
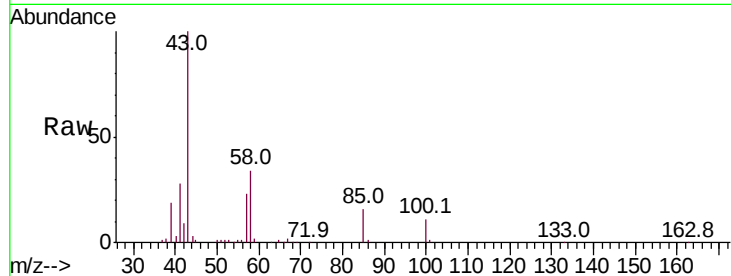




#51
4-Methyl-2-Pentanone
Concen: 111.762 ug/l
RT: 10.30 min Scan# 901
Delta R.T. -0.01 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

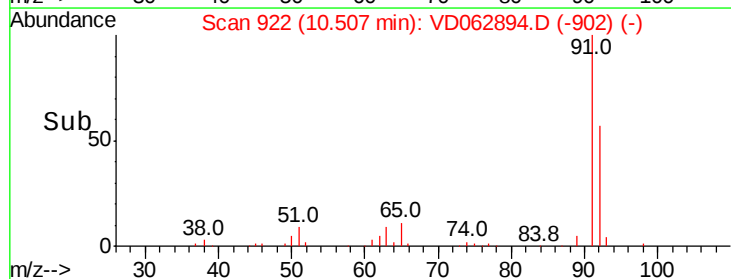
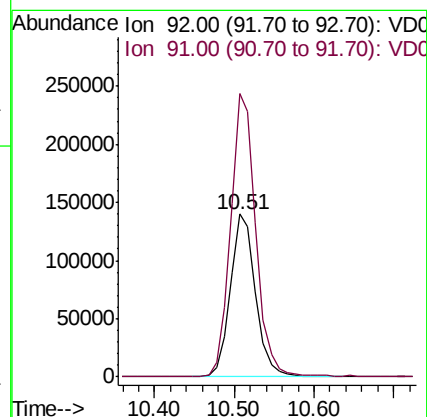
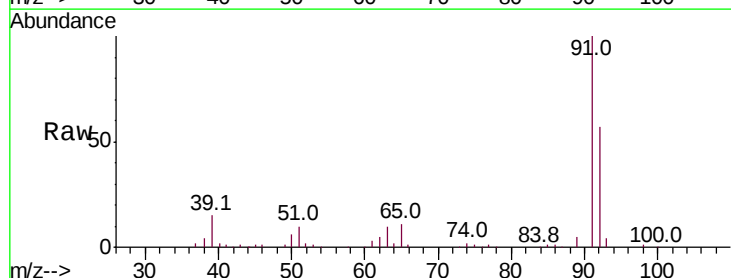
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBS02

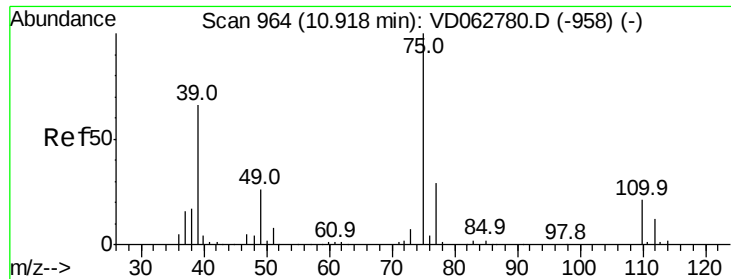
Tot Ion: 43 Resp: 473356
Ion Ratio Lower Upper
43 100
58 33.6 26.6 40.0



#52
Toluene
Concen: 20.192 ug/l
RT: 10.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Tgt Ion: 92 Resp: 310457
Ion Ratio Lower Upper
92 100
91 174.2 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 19.580 ug/l

RT: 10.91 min Scan# 963

Delta R.T. -0.01 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Instrument :

MSVOA_D

ClientSampleId :

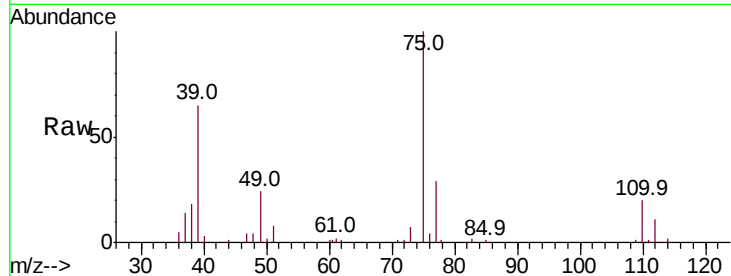
VD0625SBS02

Tot Ion: 75 Resp: 203343

Ion Ratio Lower Upper

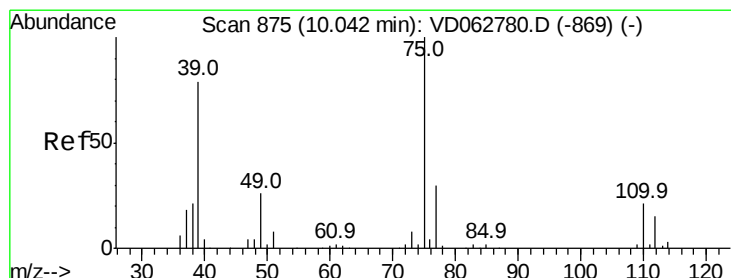
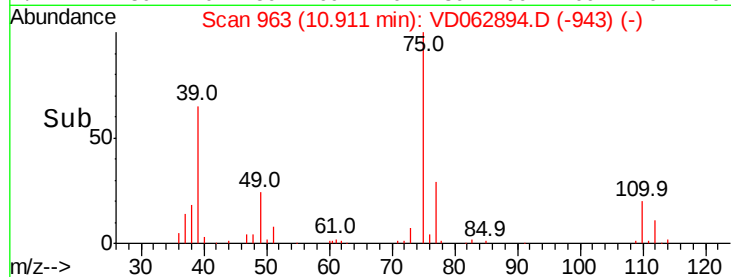
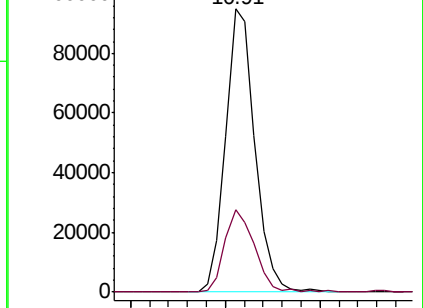
75 100

77 29.1 23.2 34.8



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 21.027 ug/l

RT: 10.04 min Scan# 875

Delta R.T. 0.00 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

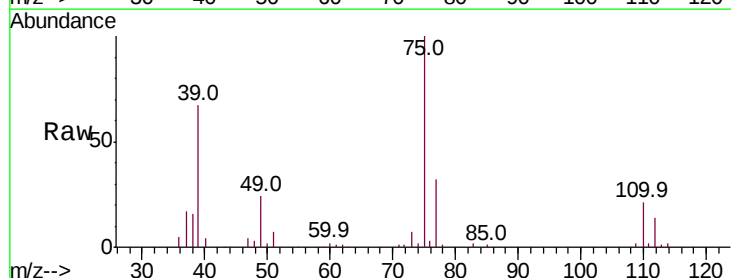
Tgt Ion: 75 Resp: 237343

Ion Ratio Lower Upper

75 100

77 31.7 24.2 36.2

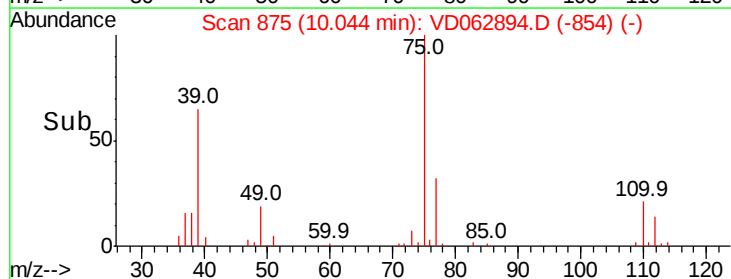
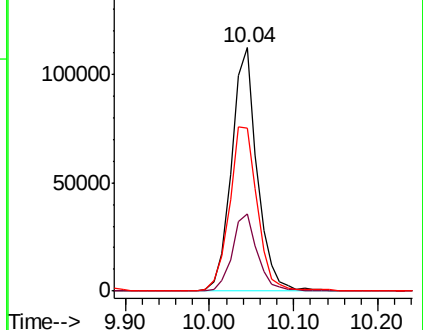
39 66.7 63.5 95.3

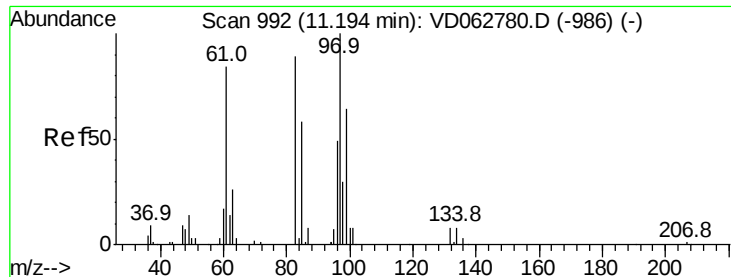


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC





#55

1,1,2-Trichloroethane

Concen: 21.647 ug/l

RT: 11.20 min Scan# 992

Delta R.T. 0.00 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBS02

Tot Ion: 97 Resp: 114343

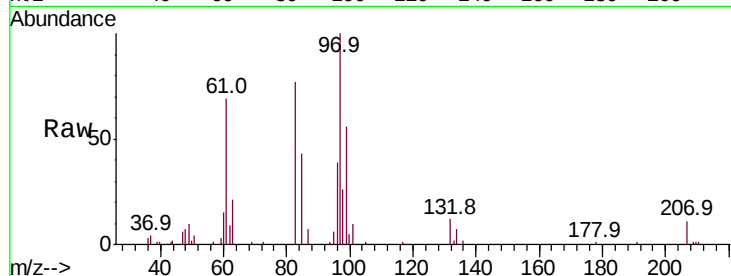
Ion Ratio Lower Upper

97 100

83 76.8 71.0 106.4

85 43.1 46.6 69.8#

99 56.3 51.4 77.0

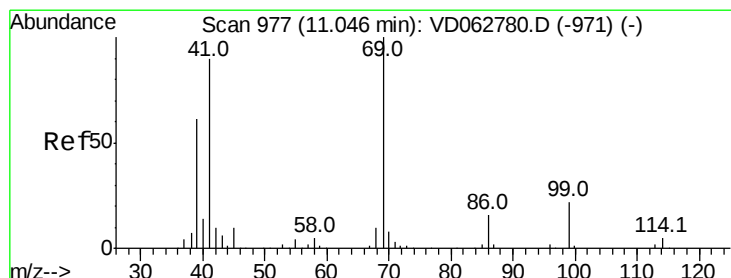
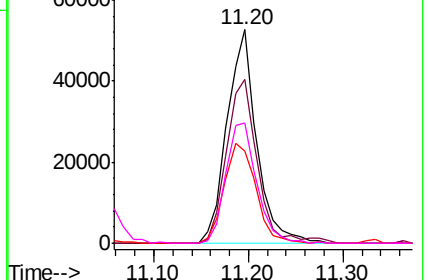
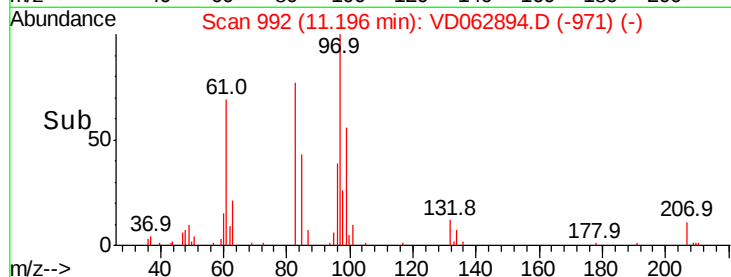


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 21.674 ug/l

RT: 11.05 min Scan# 977

Delta R.T. 0.00 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

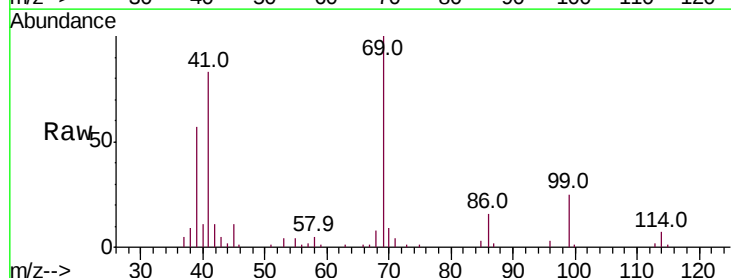
Tgt Ion: 69 Resp: 122349

Ion Ratio Lower Upper

69 100

41 83.2 72.0 108.0

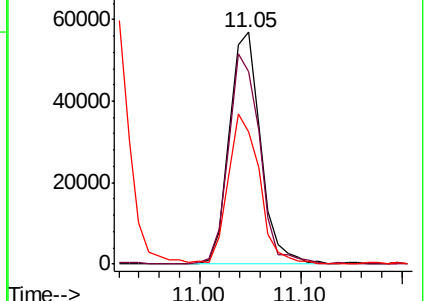
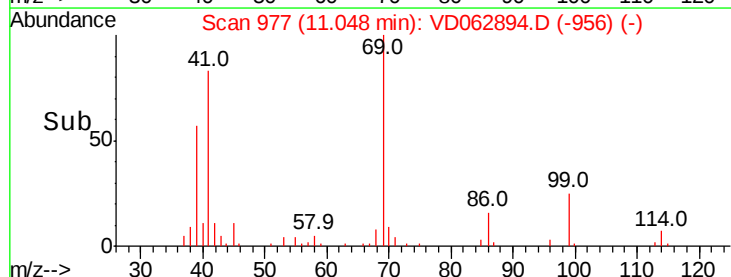
39 57.3 49.5 74.3

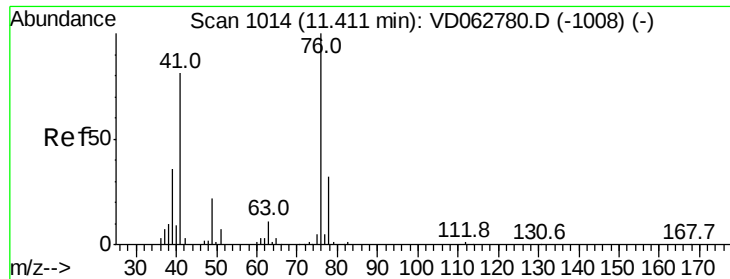


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

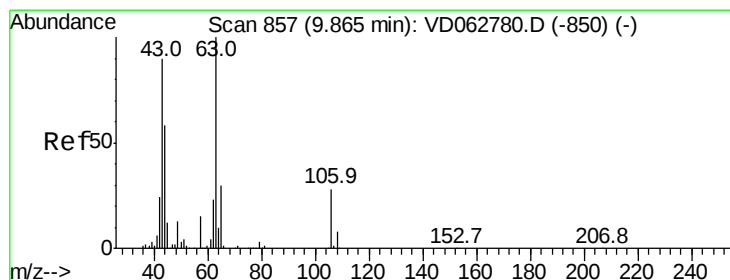
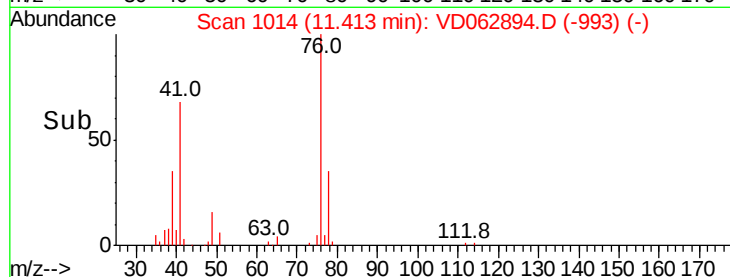
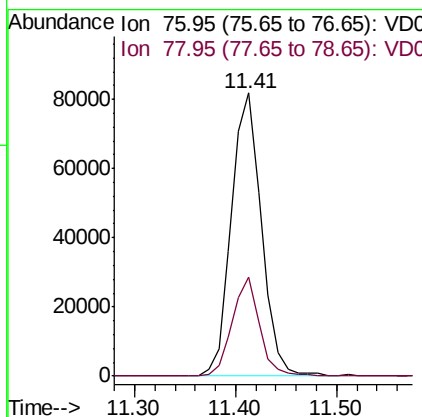
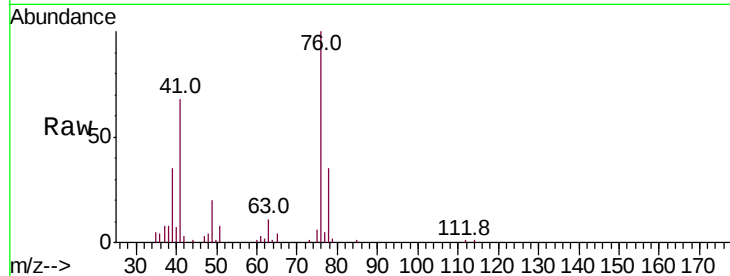




#57
 1,3-Dichloropropane
 Concen: 20.965 ug/l
 RT: 11.41 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VD062894.D
 Acq: 26 Jun 2019 00:46

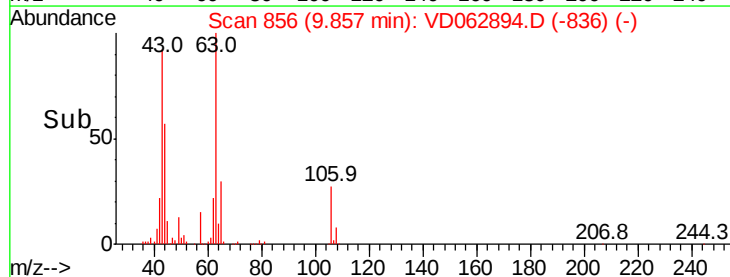
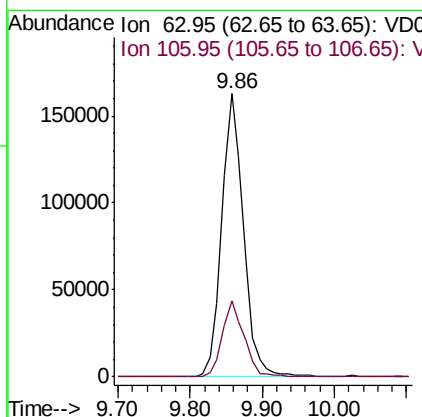
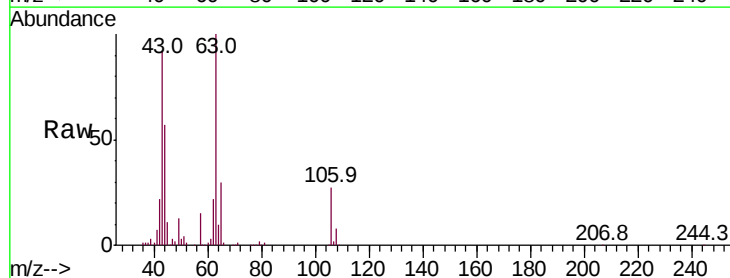
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBS02

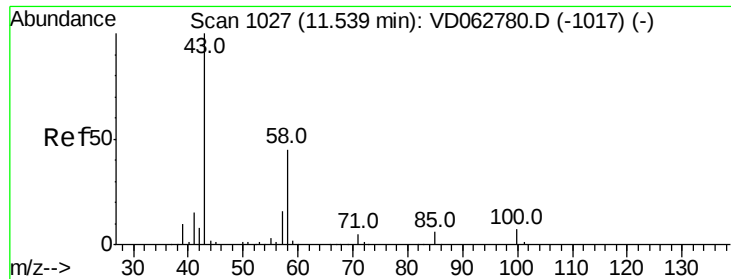
Tot Ion: 76 Resp: 169567
 Ion Ratio Lower Upper
 76 100
 78 35.0 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 116.631 ug/l
 RT: 9.86 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VD062894.D
 Acq: 26 Jun 2019 00:46

Tgt Ion: 63 Resp: 338005
 Ion Ratio Lower Upper
 63 100
 106 26.9 22.1 33.1

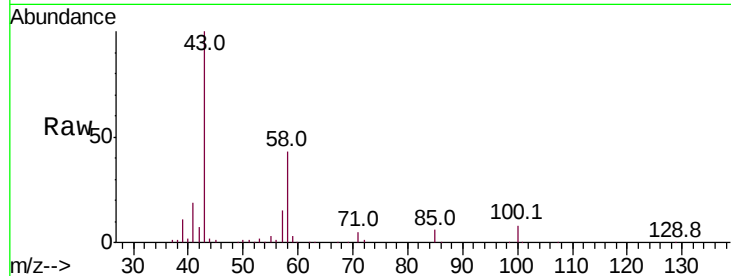




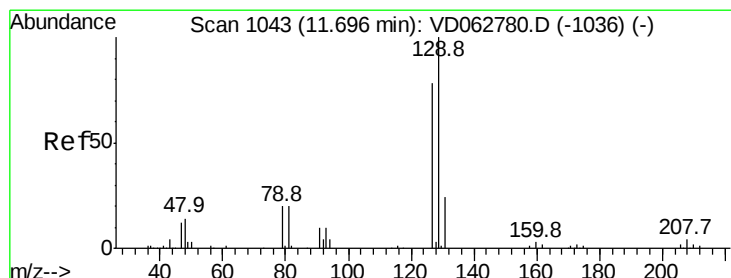
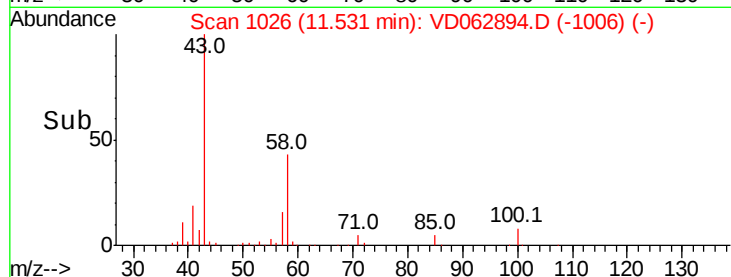
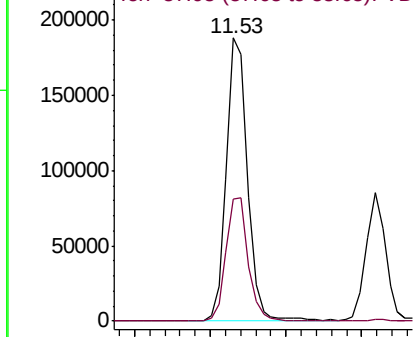
#59
2-Hexanone
Concen: 120.005 ug/l
RT: 11.53 min Scan# 1026
Delta R.T. -0.01 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBS02

Tot Ion: 43 Resp: 361983
Ion Ratio Lower Upper
43 100
58 43.2 22.4 67.2

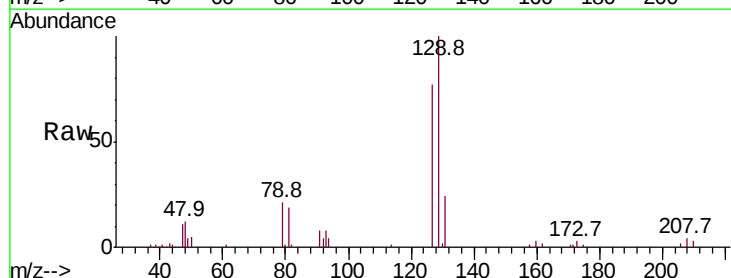


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

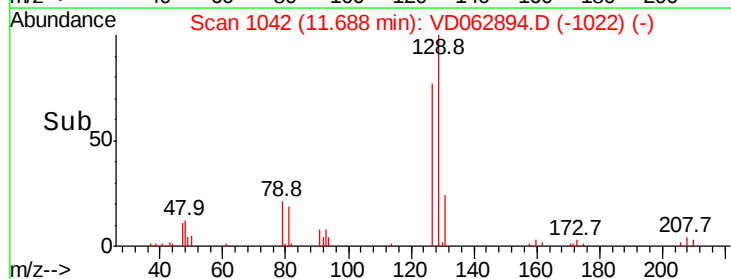
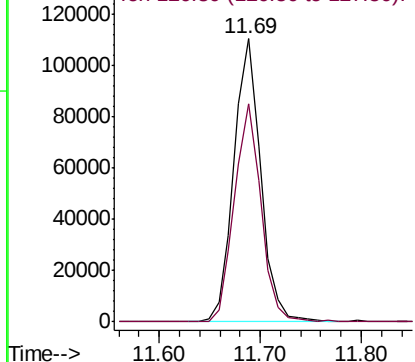


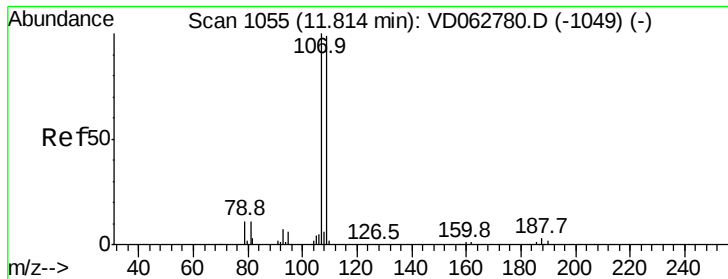
#60
Dibromochloromethane
Concen: 20.759 ug/l
RT: 11.69 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Tgt Ion: 129 Resp: 204246
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.6



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

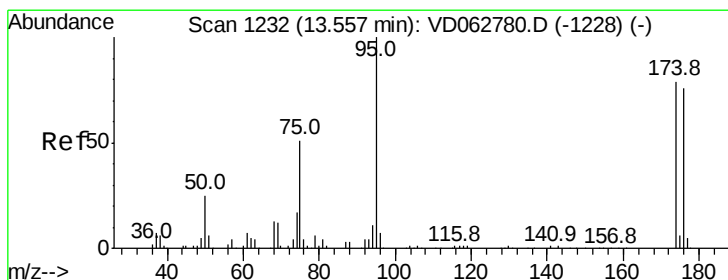
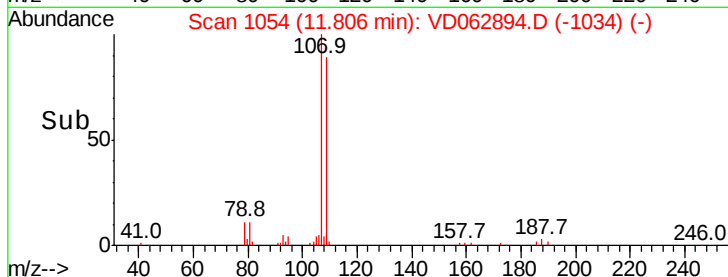
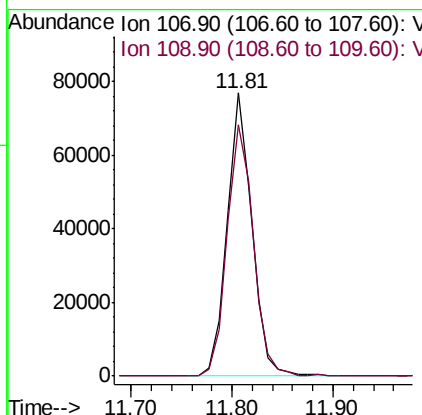
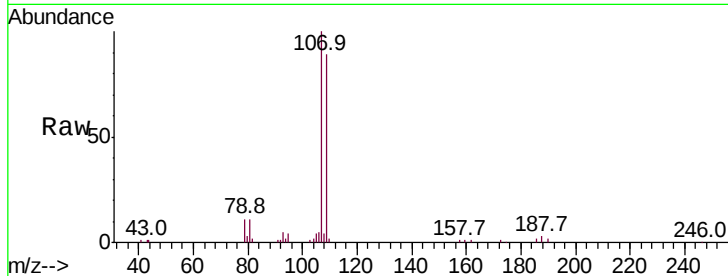




#61
 1,2-Dibromoethane
 Concen: 20.894 ug/l
 RT: 11.81 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VD062894.D
 Acq: 26 Jun 2019 00:46

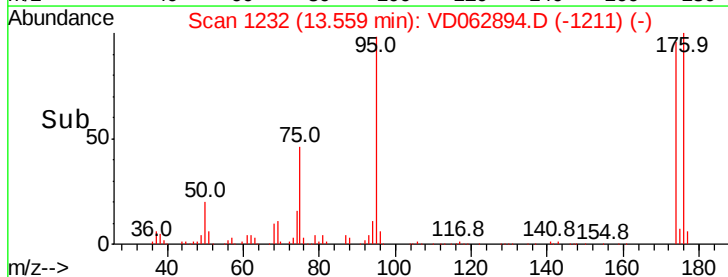
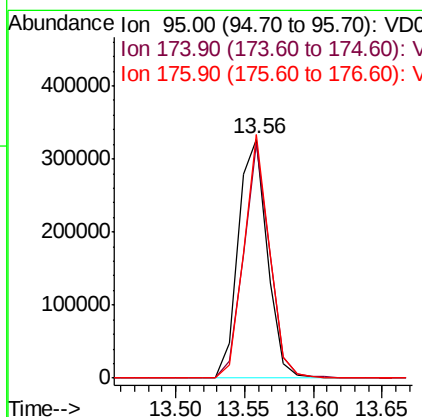
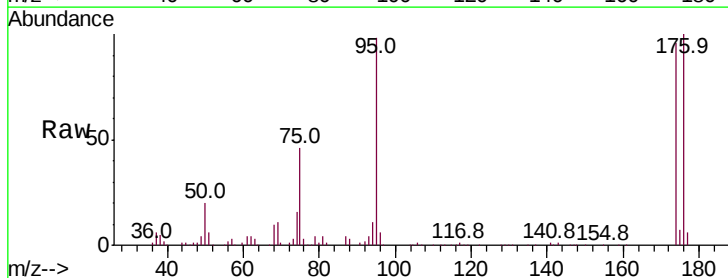
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBS02

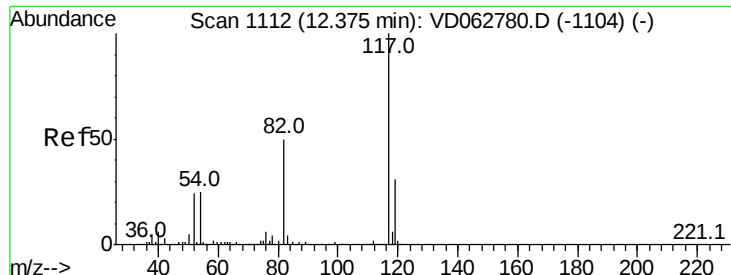
Tot Ion:107 Resp: 130351
 Ion Ratio Lower Upper
 107 100
 109 88.8 79.3 118.9



#62
 4-Bromofluorobenzene
 Concen: 47.768 ug/l
 RT: 13.56 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VD062894.D
 Acq: 26 Jun 2019 00:46

Tgt Ion: 95 Resp: 479800
 Ion Ratio Lower Upper
 95 100
 174 98.2 0.0 158.0
 176 101.8 0.0 151.6

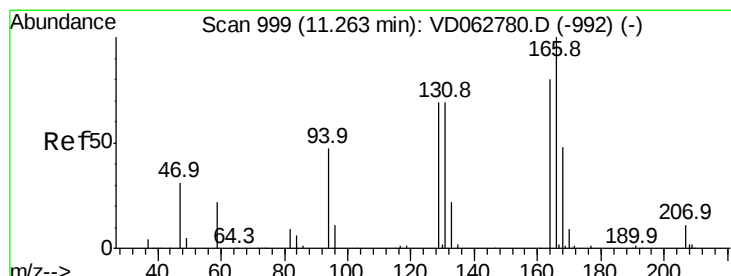
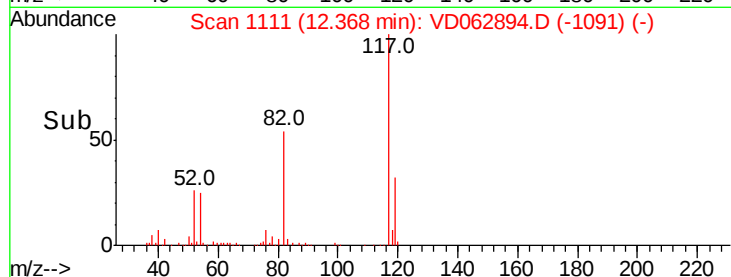
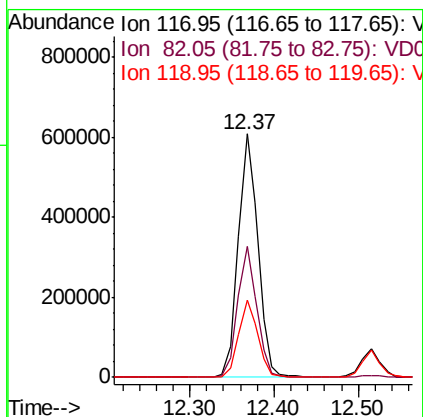
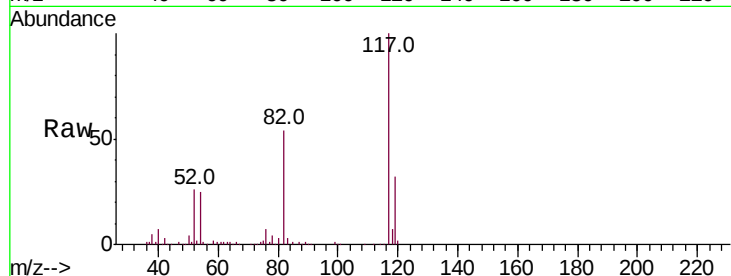




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

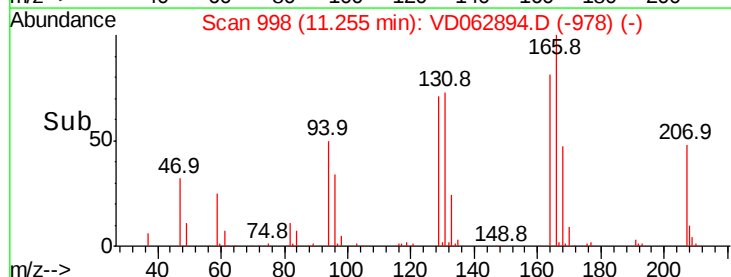
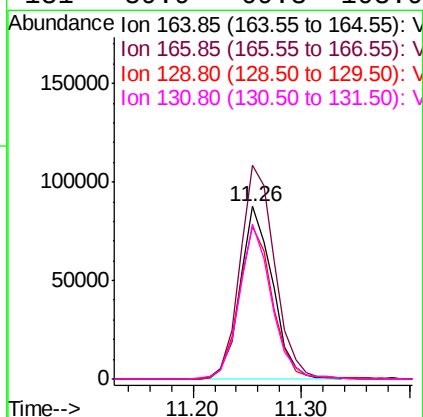
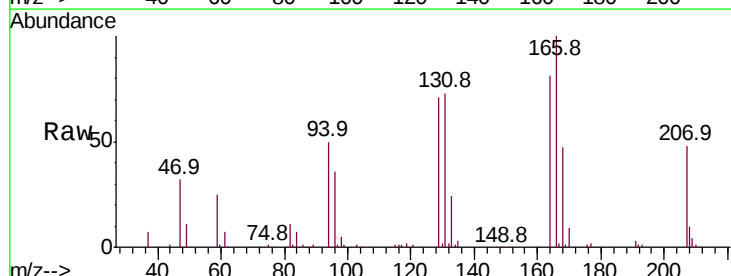
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBS02

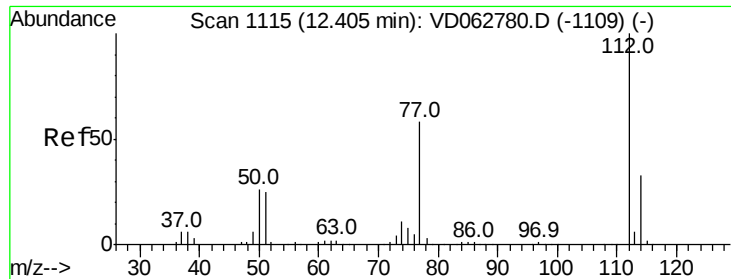
Tot Ion:117 Resp: 991990
Ion Ratio Lower Upper
117 100
82 53.7 40.4 60.6
119 31.9 25.2 37.8



#64
Tetrachloroethene
Concen: 22.364 ug/l
RT: 11.26 min Scan# 998
Delta R.T. -0.01 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Tgt Ion:164 Resp: 182590
Ion Ratio Lower Upper
164 100
166 123.7 100.6 150.8
129 88.4 69.4 104.0
131 89.9 69.3 103.9

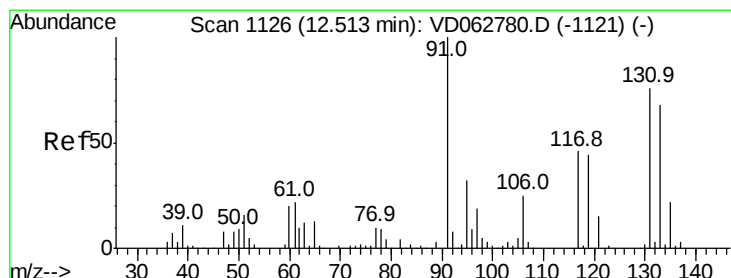
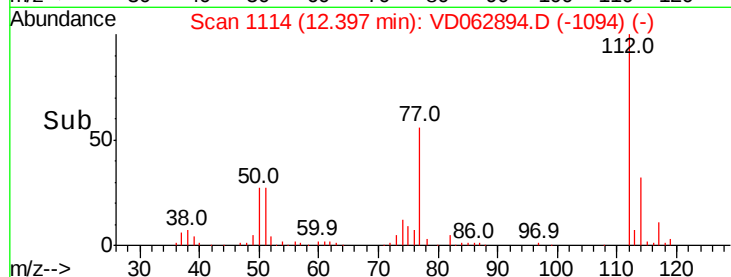
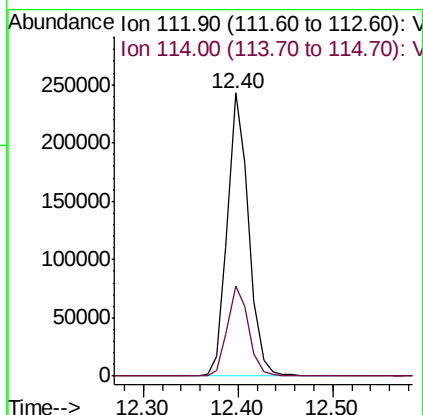
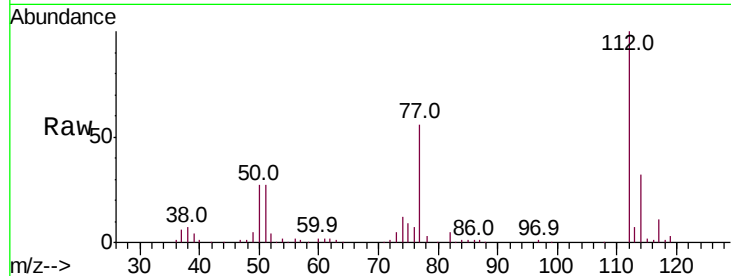




#65
Chlorobenzene
Concen: 20.532 ug/l
RT: 12.40 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

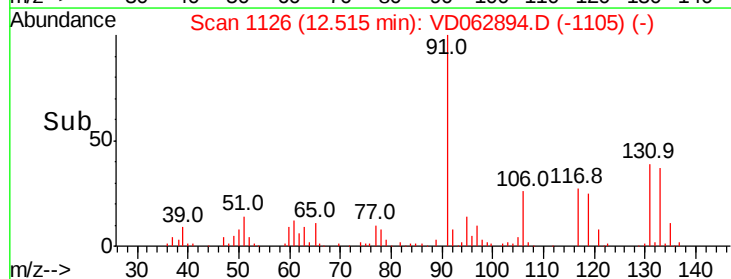
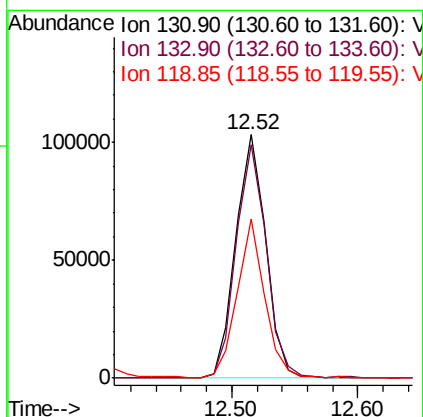
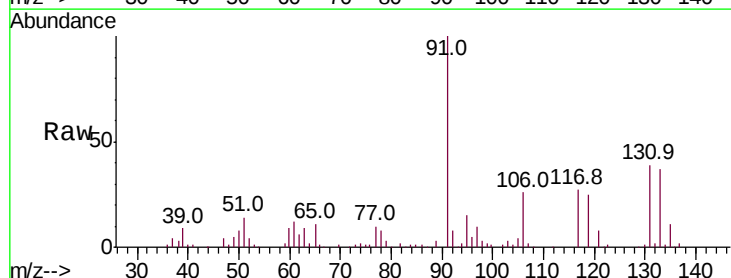
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBS02

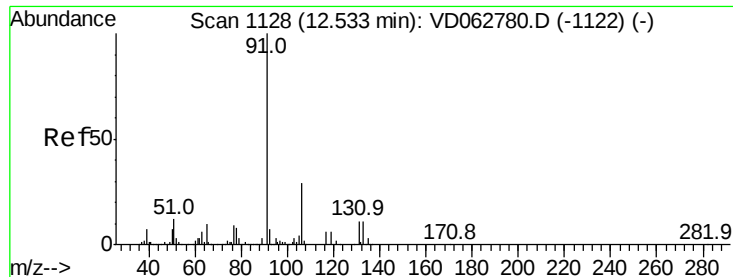
Tot Ion:112 Resp: 377999
Ion Ratio Lower Upper
112 100
114 31.6 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.812 ug/l
RT: 12.52 min Scan# 1126
Delta R.T. 0.00 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Tgt Ion:131 Resp: 170571
Ion Ratio Lower Upper
131 100
133 96.0 44.5 133.3
119 65.5 28.6 85.9

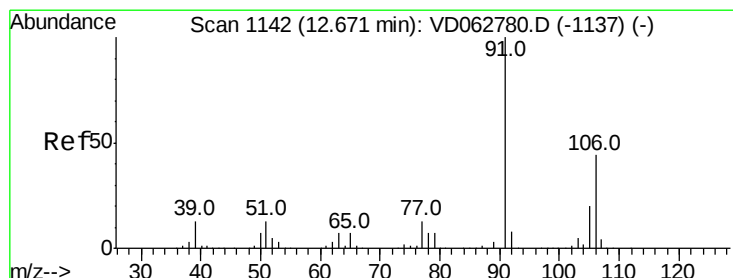
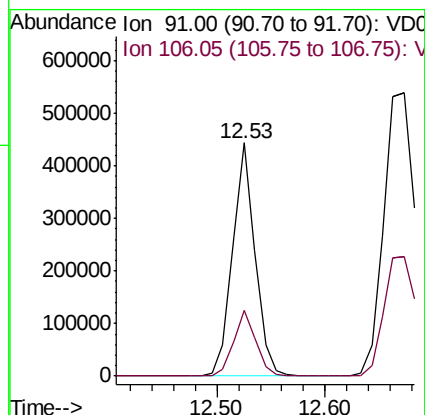
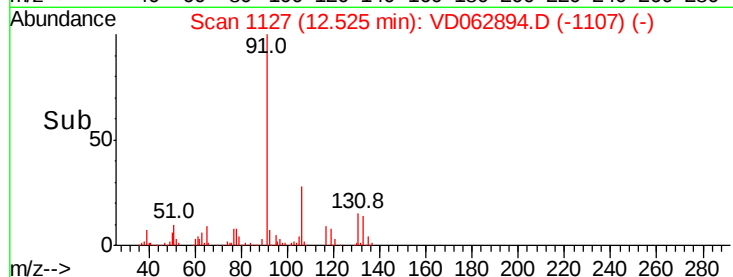
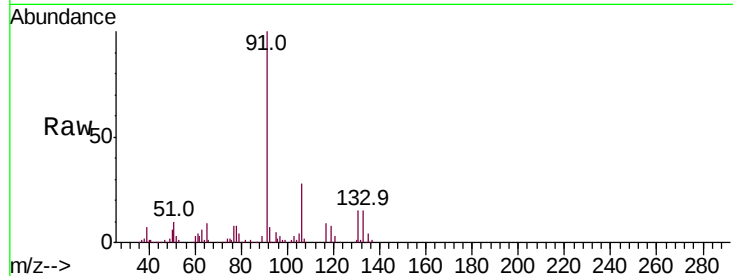




#67
Ethyl Benzene
Concen: 19.558 ug/l
RT: 12.53 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

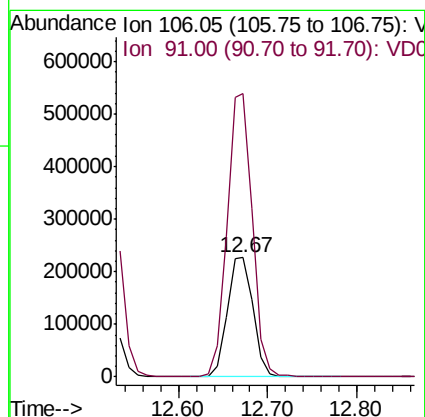
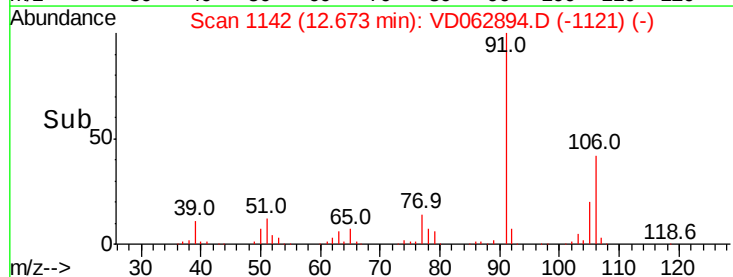
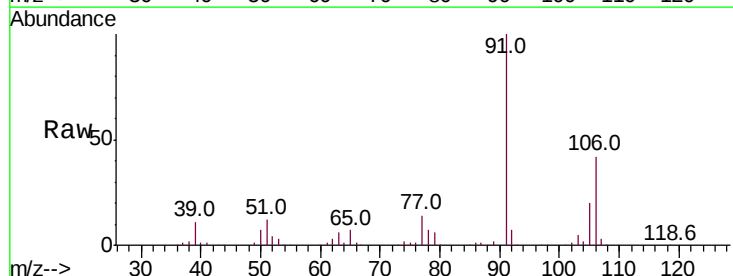
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBS02

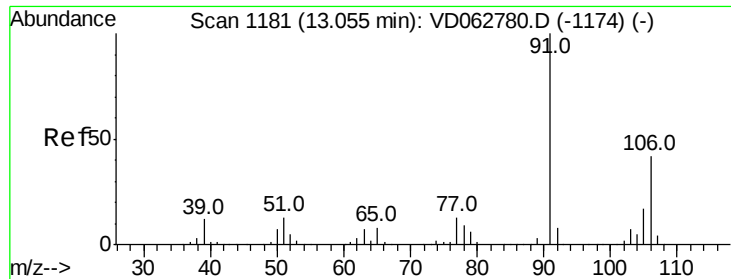
Tot Ion: 91 Resp: 646447
Ion Ratio Lower Upper
91 100
106 28.2 23.1 34.7



#68
m/p-Xylenes
Concen: 40.119 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Tgt Ion: 106 Resp: 461855
Ion Ratio Lower Upper
106 100
91 237.9 183.0 274.6

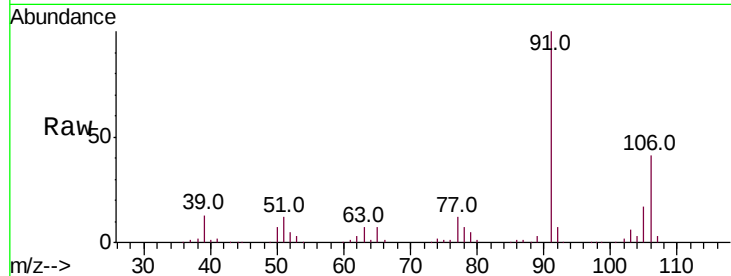




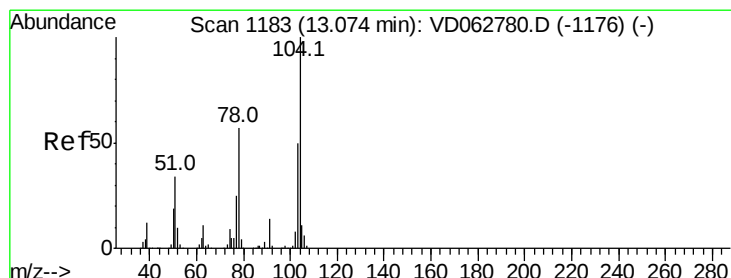
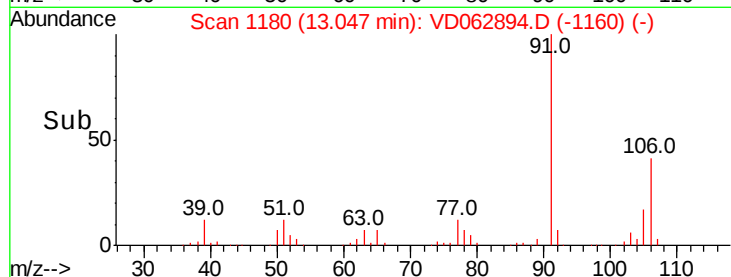
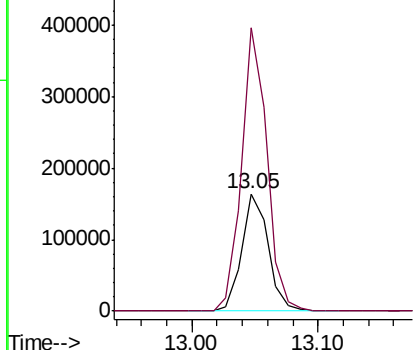
#69
o-Xylene
Concen: 22.398 ug/l
RT: 13.05 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBS02

Tot Ion:106 Resp: 235719
Ion Ratio Lower Upper
106 100
91 241.7 117.9 353.6

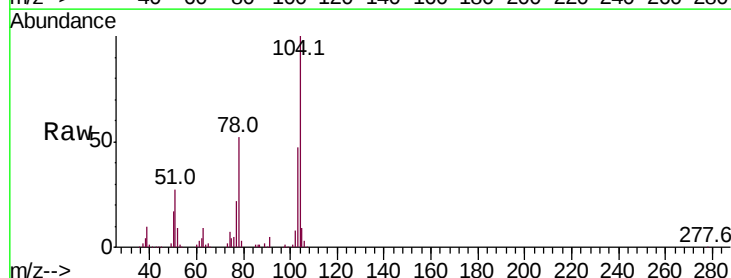


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

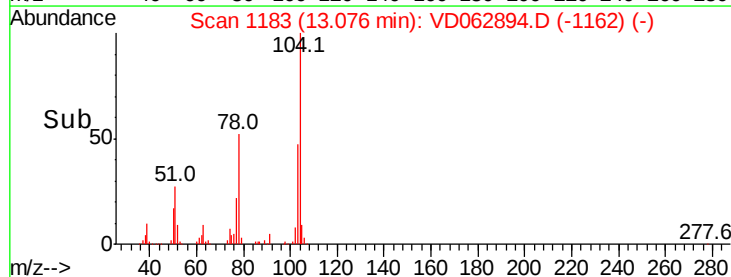
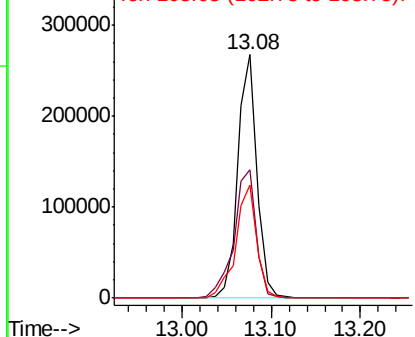


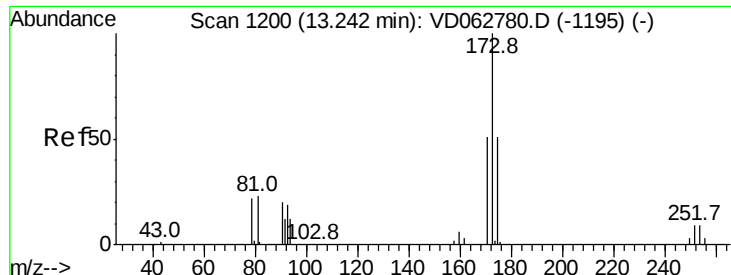
#70
Styrene
Concen: 21.701 ug/l
RT: 13.08 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Tgt Ion:104 Resp: 401141
Ion Ratio Lower Upper
104 100
78 52.5 45.4 68.2
103 46.6 39.7 59.5



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 20.801 ug/l

RT: 13.23 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBS02

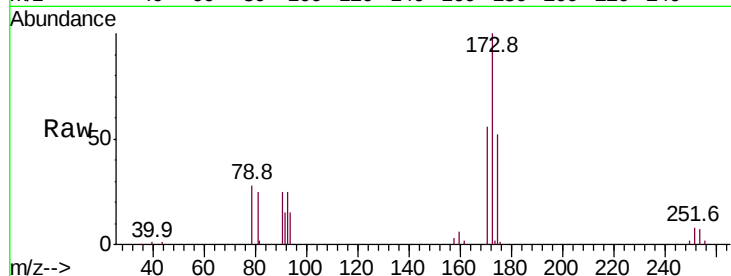
Tot Ion:173 Resp: 122703

Ion Ratio Lower Upper

173 100

175 51.9 25.3 75.9

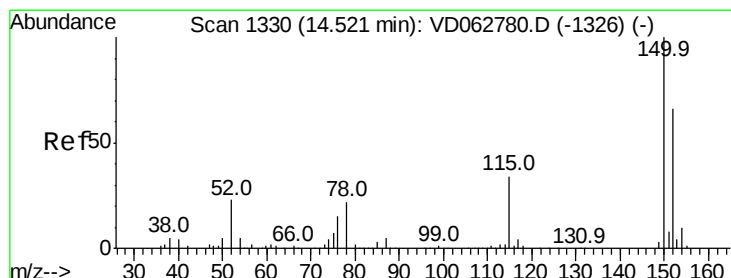
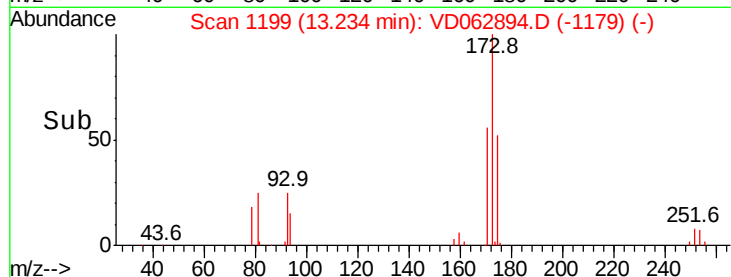
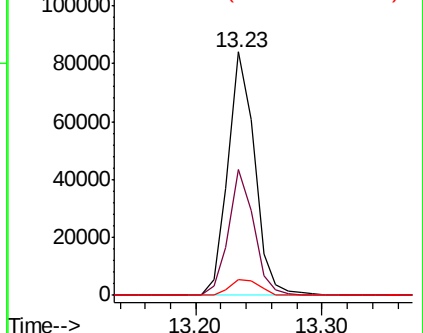
254 6.7 7.1 10.7#



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

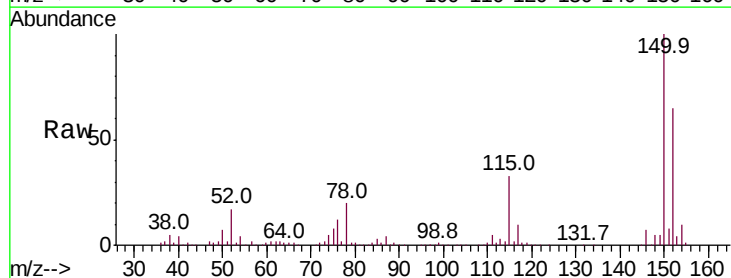
Tgt Ion:152 Resp: 553853

Ion Ratio Lower Upper

152 100

115 50.8 29.2 87.6

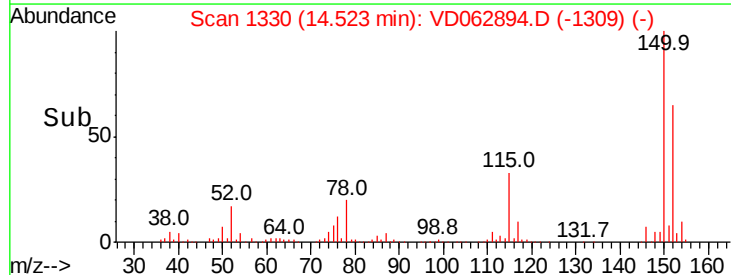
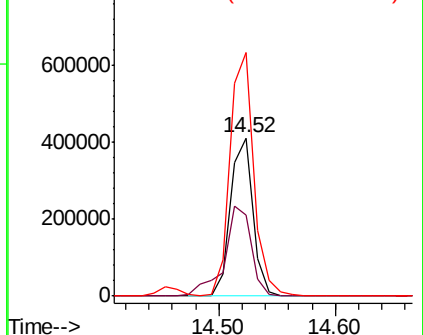
150 153.7 0.0 305.8

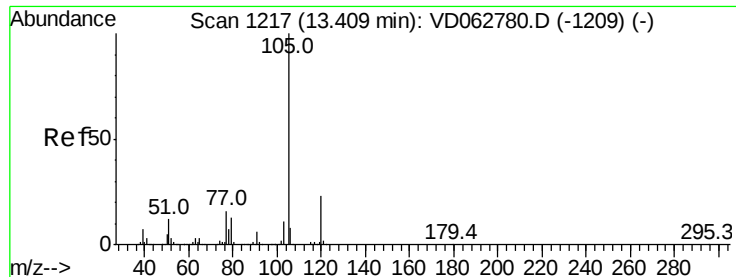


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.254 ug/l

RT: 13.40 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Instrument :

MSVOA_D

ClientSampleId :

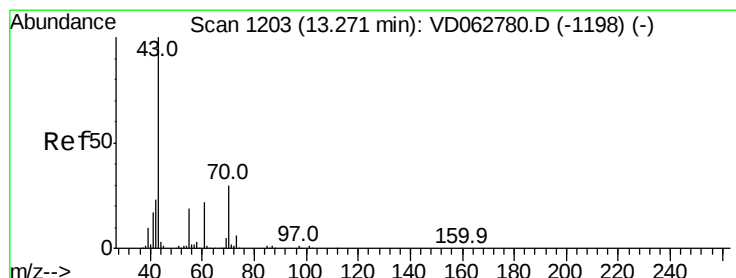
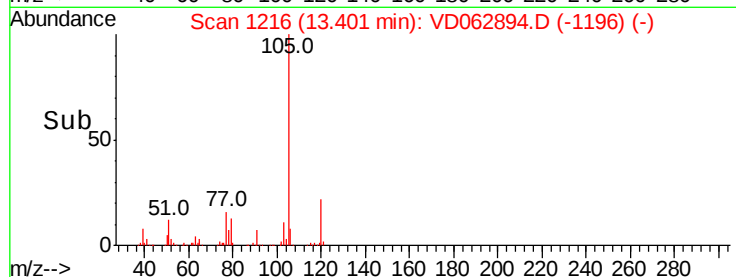
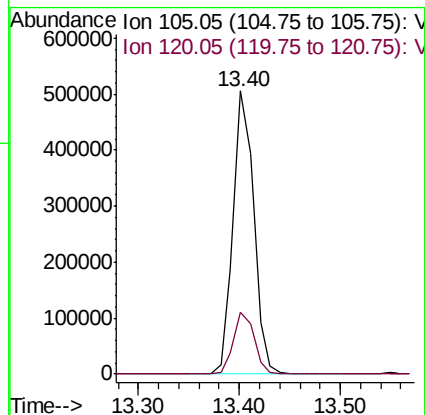
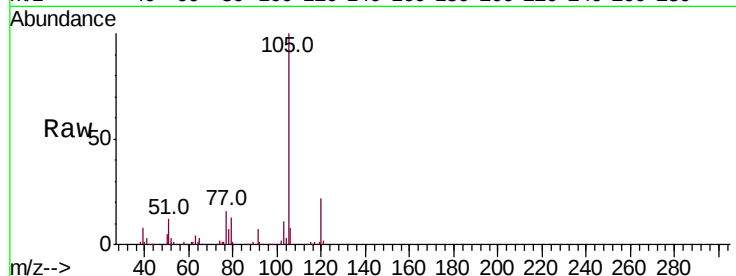
VD0625SBS02

Tot Ion:105 Resp: 719253

Ion Ratio Lower Upper

105 100

120 22.1 11.6 34.7



#74

N-ethyl acetate

Concen: 21.654 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. -0.01 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Tgt Ion: 43 Resp: 186744

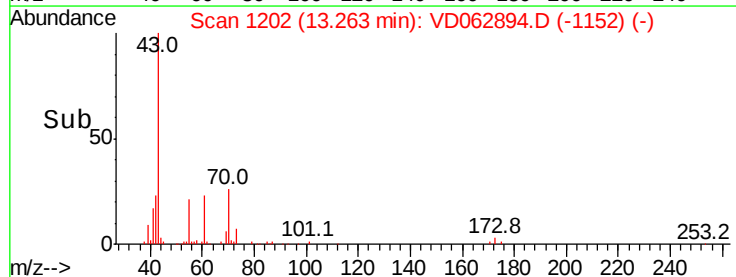
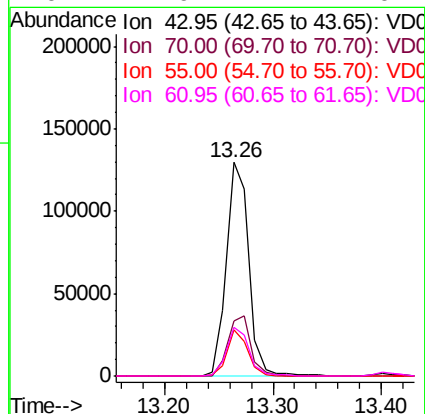
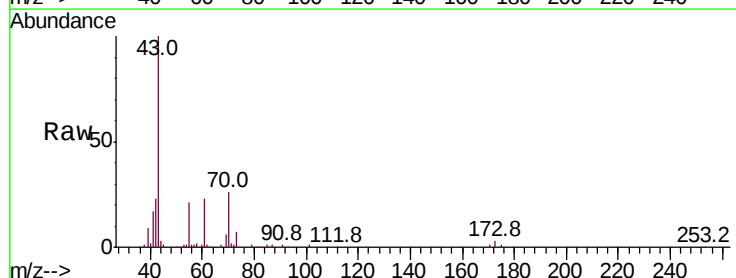
Ion Ratio Lower Upper

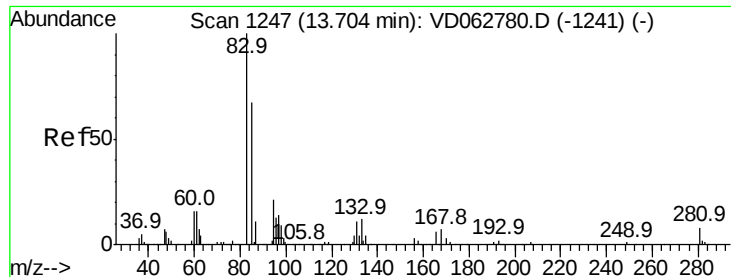
43 100

70 25.8 24.4 36.6

55 21.4 15.2 22.8

61 22.9 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.366 ug/l

RT: 13.70 min Scan# 1246

Delta R.T. -0.01 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBS02

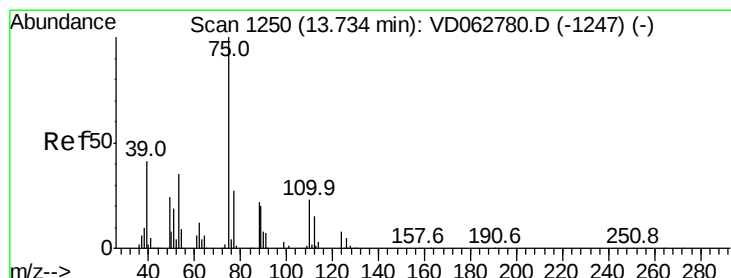
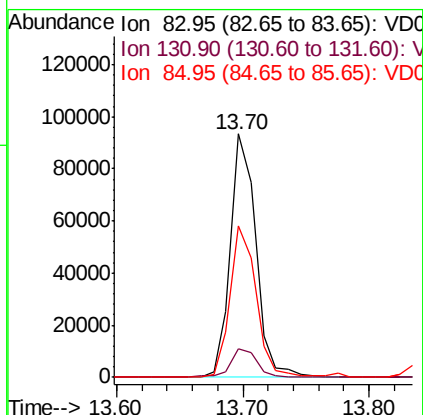
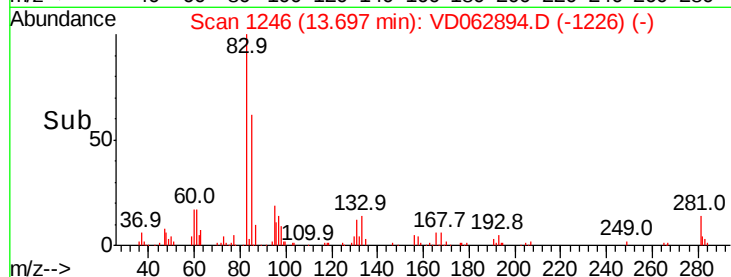
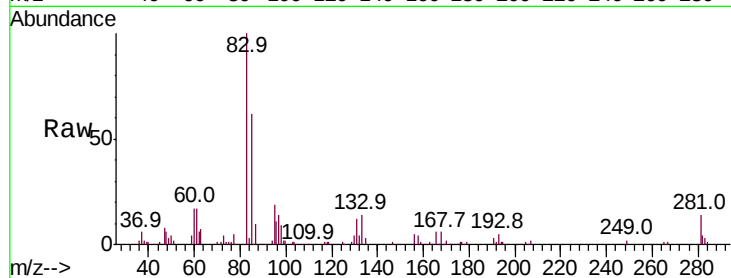
Tot Ion: 83 Resp: 129410

Ion Ratio Lower Upper

83 100

131 11.8 5.3 16.1

85 62.1 33.7 101.1



#76

1,2,3-Trichloropropane

Concen: 20.940 ug/l

RT: 13.74 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VD062894.D

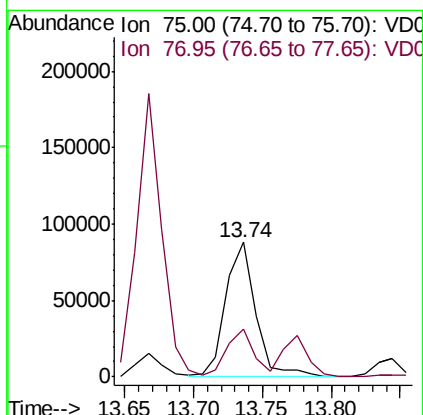
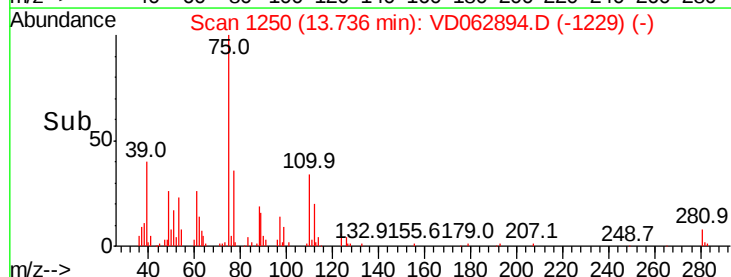
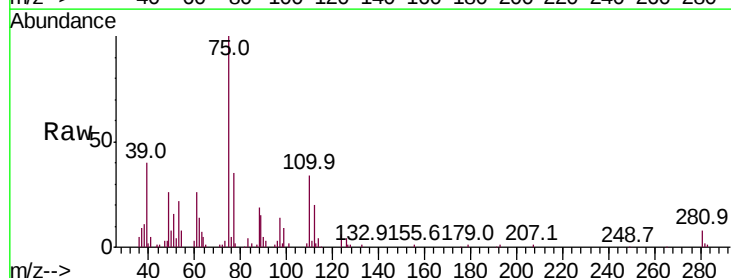
Acq: 26 Jun 2019 00:46

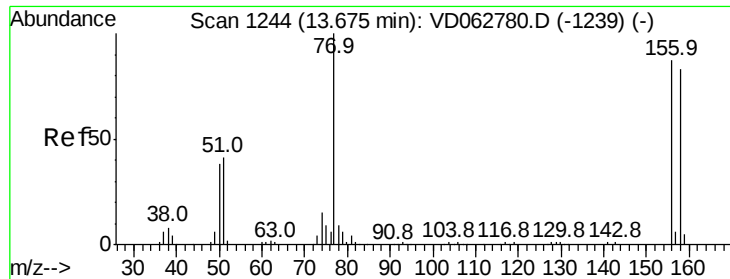
Tgt Ion: 75 Resp: 133890

Ion Ratio Lower Upper

75 100

77 35.2 15.0 45.1





#77

Bromobenzene

Concen: 20.589 ug/l

RT: 13.67 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBS02

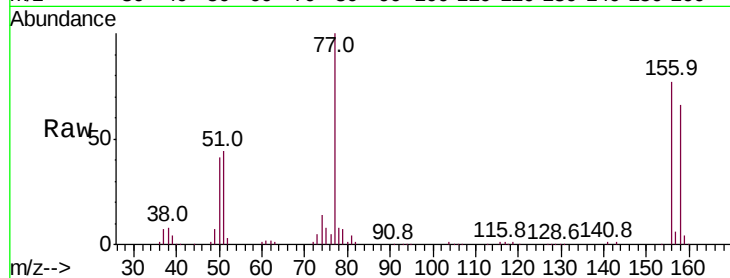
Tot Ion:156 Resp: 196664

Ion Ratio Lower Upper

156 100

77 130.2 57.7 173.1

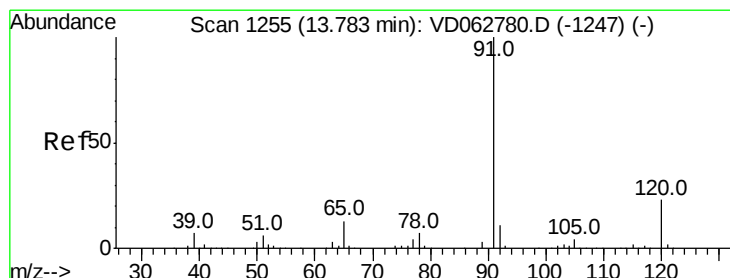
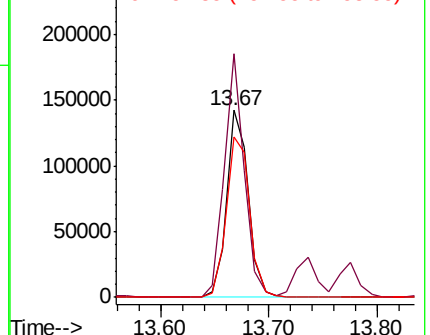
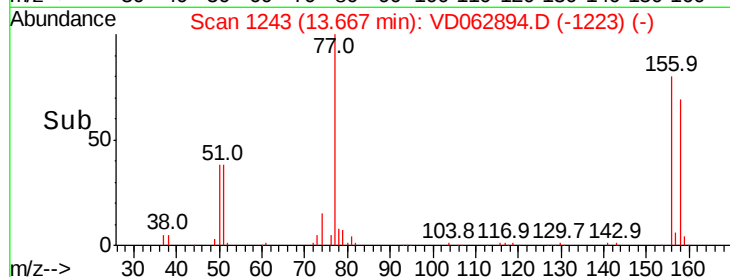
158 85.9 47.7 143.1



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 19.102 ug/l

RT: 13.78 min Scan# 1254

Delta R.T. -0.01 min

Lab File: VD062894.D

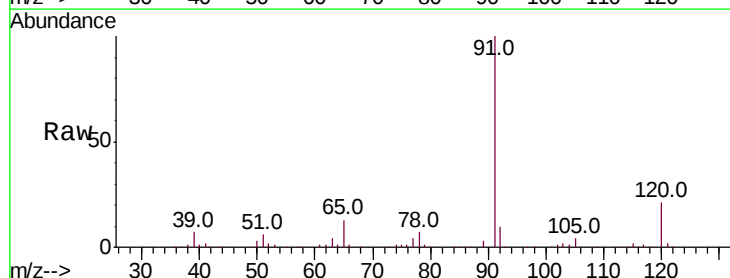
Acq: 26 Jun 2019 00:46

Tgt Ion: 91 Resp: 789531

Ion Ratio Lower Upper

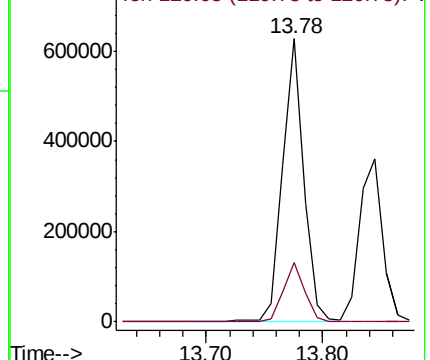
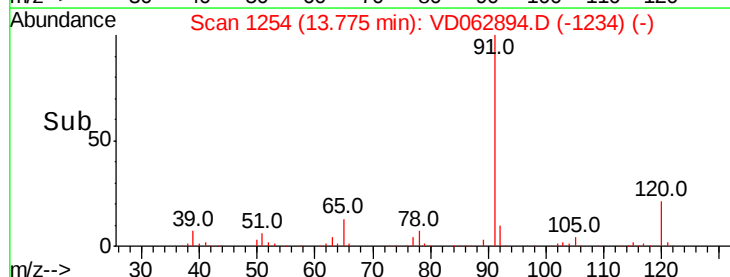
91 100

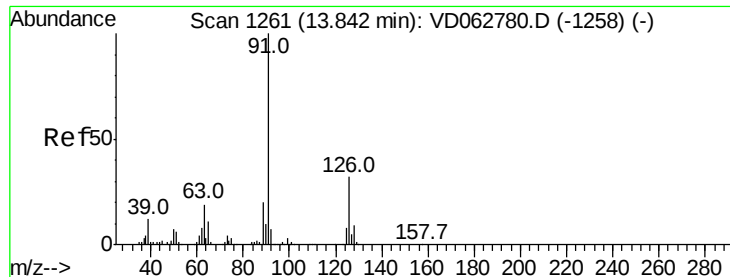
120 21.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

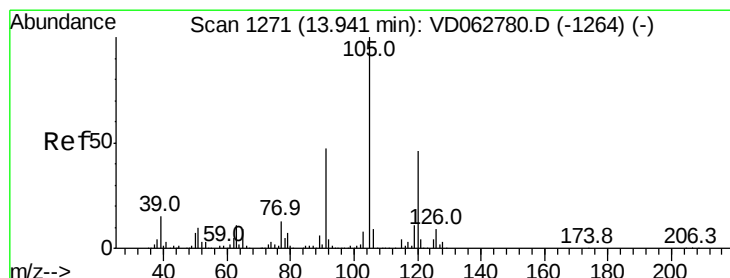
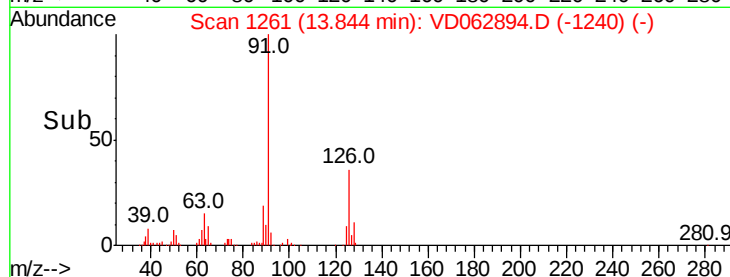
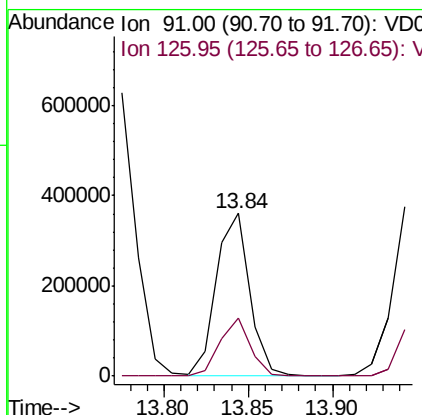
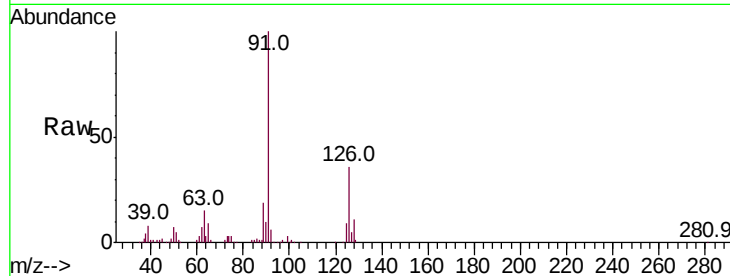




#79
 2-Chlorotoluene
 Concen: 20.932 ug/l
 RT: 13.84 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VD062894.D
 Acq: 26 Jun 2019 00:46

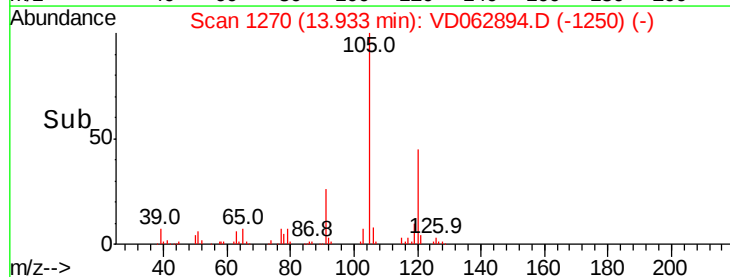
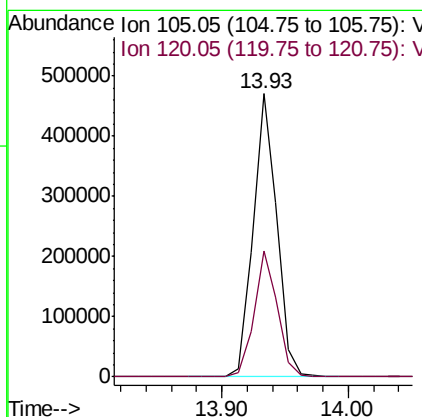
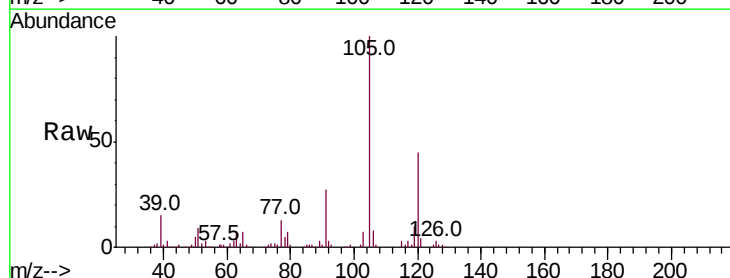
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBS02

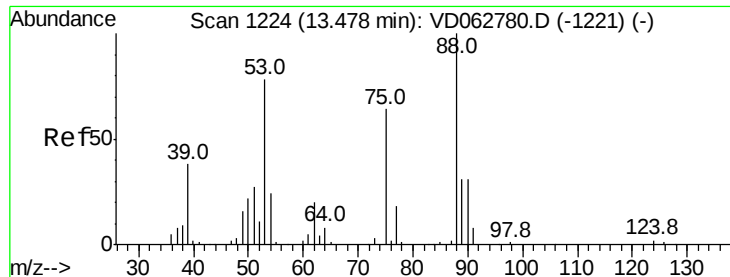
Tot Ion: 91 Resp: 494424
 Ion Ratio Lower Upper
 91 100
 126 35.9 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.574 ug/l
 RT: 13.93 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VD062894.D
 Acq: 26 Jun 2019 00:46

Tgt Ion: 105 Resp: 613699
 Ion Ratio Lower Upper
 105 100
 120 44.5 23.1 69.2





#81

trans-1,4-Dichloro-2-butene

Concen: 21.838 ug/l

RT: 13.47 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBS02

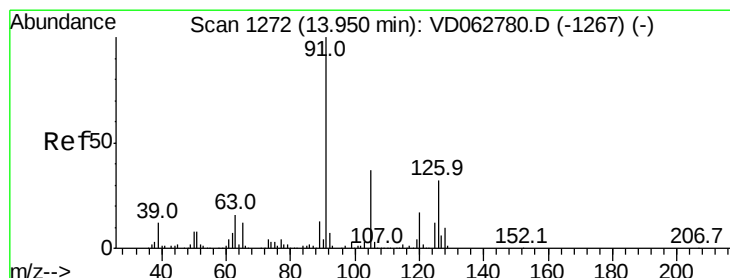
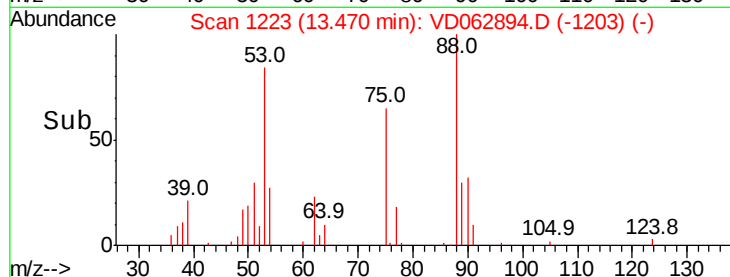
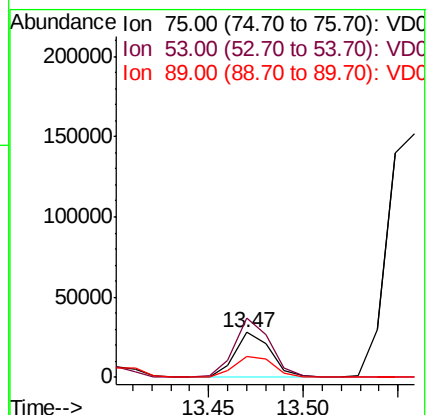
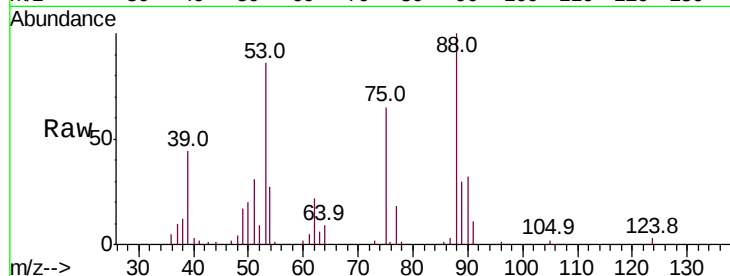
Tot Ion: 75 Resp: 36594

Ion Ratio Lower Upper

75 100

53 132.4 97.8 146.8

89 45.5 39.4 59.2



#82

4-Chlorotoluene

Concen: 20.671 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VD062894.D

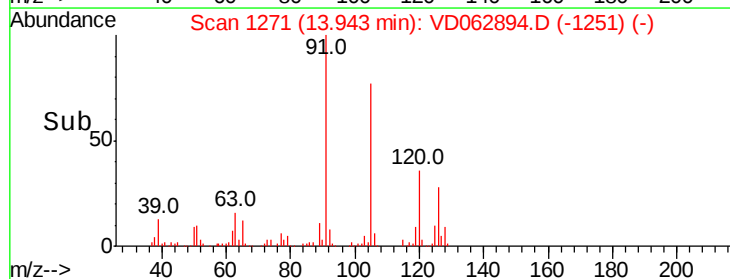
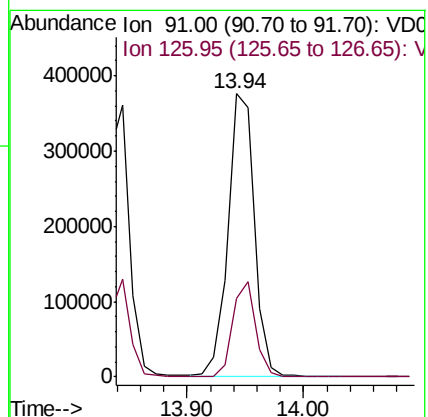
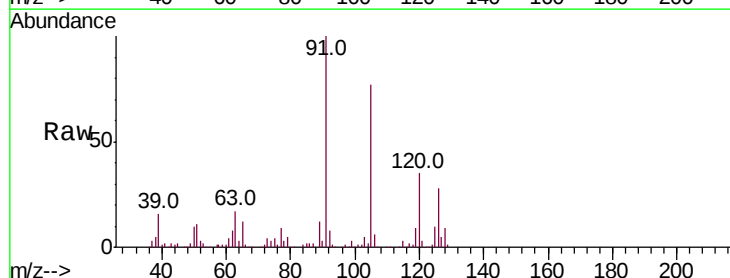
Acq: 26 Jun 2019 00:46

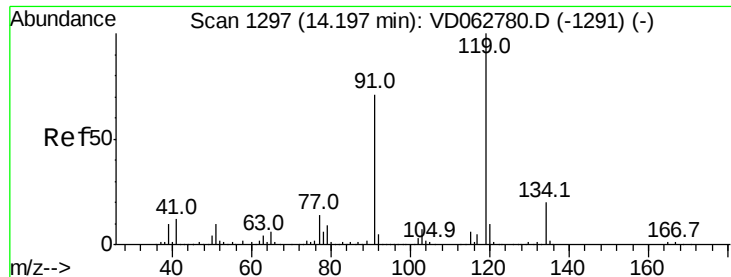
Tgt Ion: 91 Resp: 587842

Ion Ratio Lower Upper

91 100

126 27.8 16.0 47.9





#83

tert-Butylbenzene

Concen: 18.452 ug/l

RT: 14.19 min Scan# 1296

Delta R.T. -0.01 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBS02

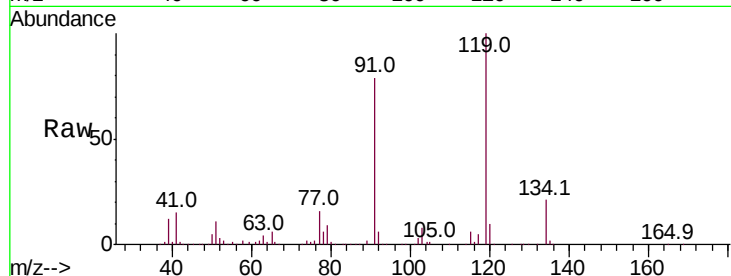
Tot Ion:119 Resp: 613505

Ion Ratio Lower Upper

119 100

91 78.9 35.5 106.5

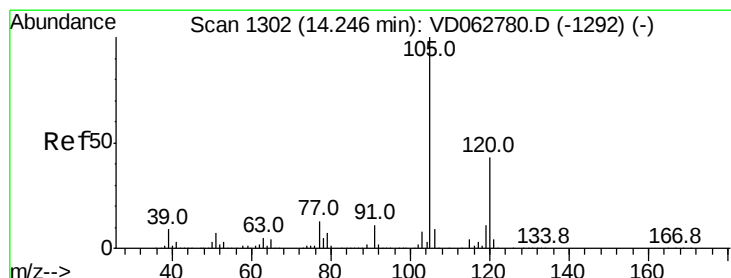
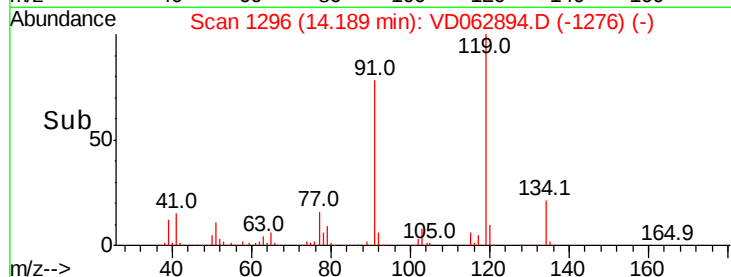
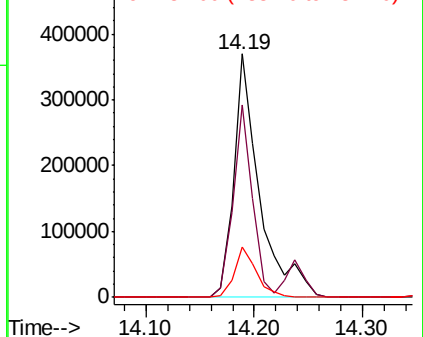
134 20.6 10.2 30.6



Abundance Ion 119.05 (118.75 to 119.75): 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: 18.855 ug/l

RT: 14.24 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VD062894.D

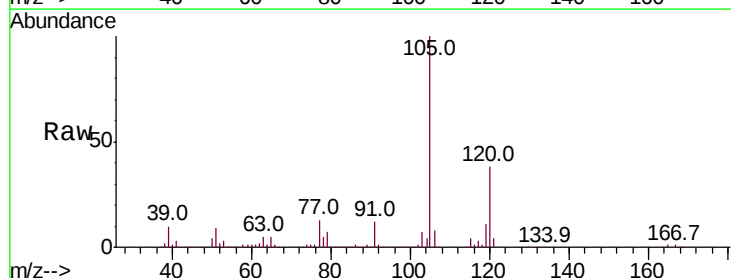
Acq: 26 Jun 2019 00:46

Tgt Ion:105 Resp: 576452

Ion Ratio Lower Upper

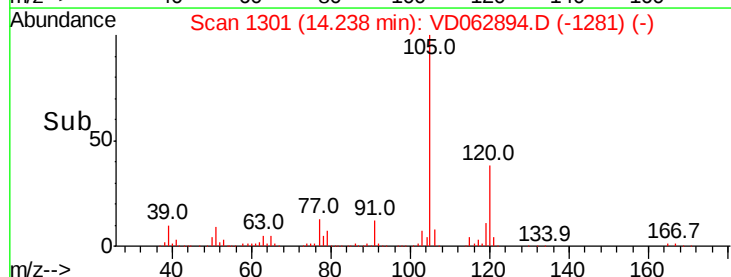
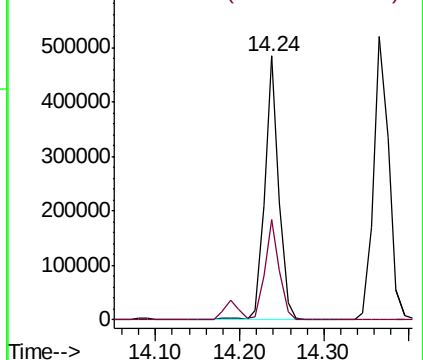
105 100

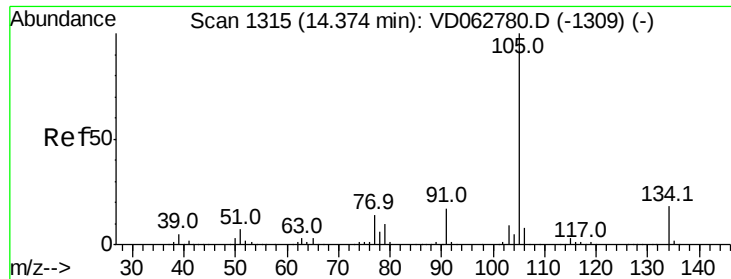
120 37.9 21.3 63.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

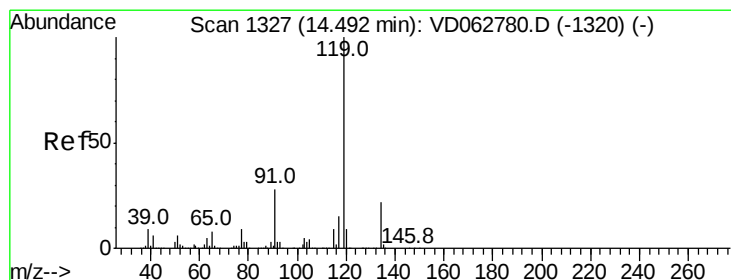
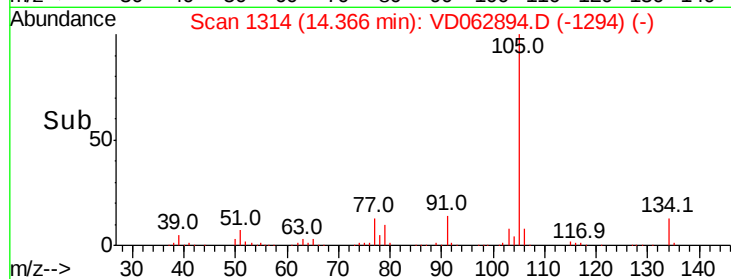
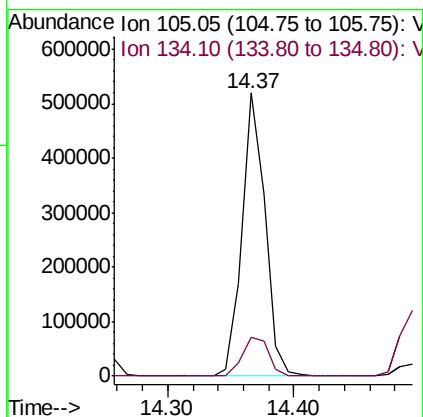
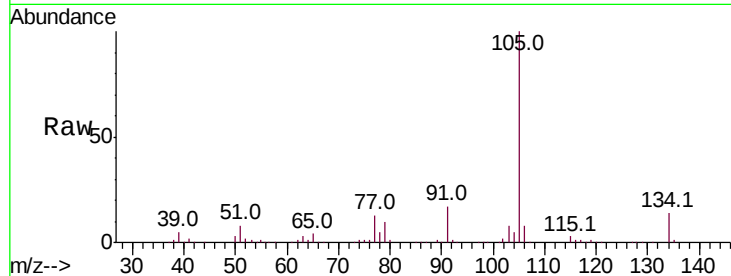




#85
 sec-Butylbenzene
 Concen: 18.034 ug/l
 RT: 14.37 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VD062894.D
 Acq: 26 Jun 2019 00:46

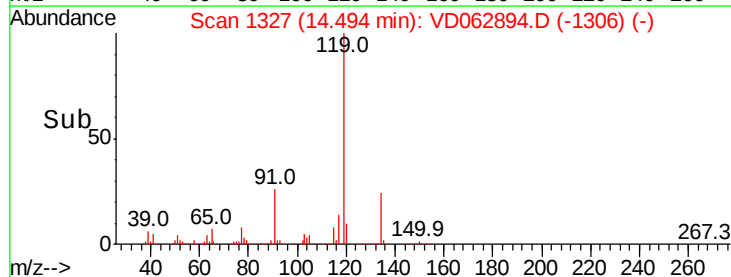
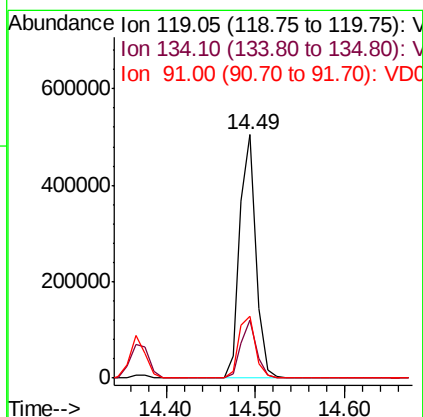
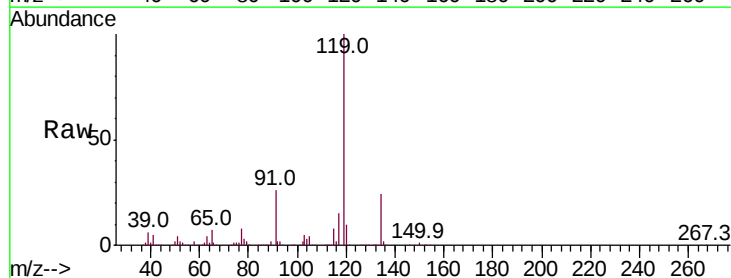
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBS02

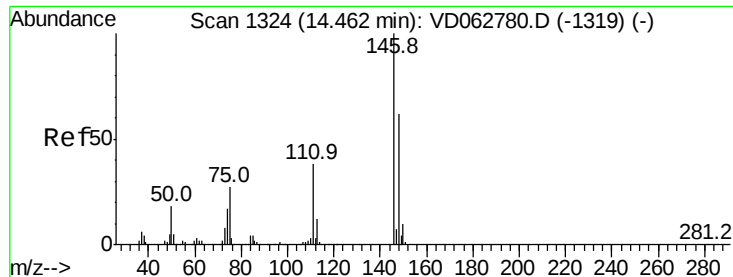
Tot Ion:105 Resp: 651698
 Ion Ratio Lower Upper
 105 100
 134 13.6 9.1 27.3



#86
 p-Isopropyltoluene
 Concen: 19.516 ug/l
 RT: 14.49 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: VD062894.D
 Acq: 26 Jun 2019 00:46

Tgt Ion:119 Resp: 645198
 Ion Ratio Lower Upper
 119 100
 134 23.7 11.1 33.1
 91 25.7 14.0 41.9

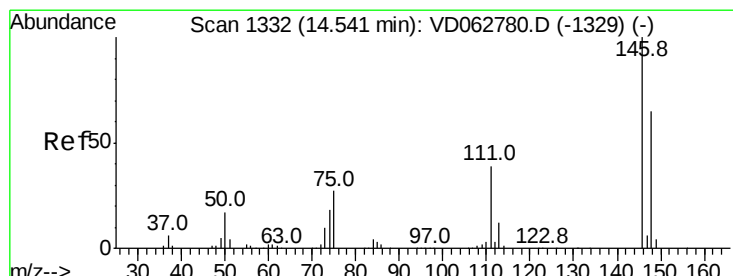
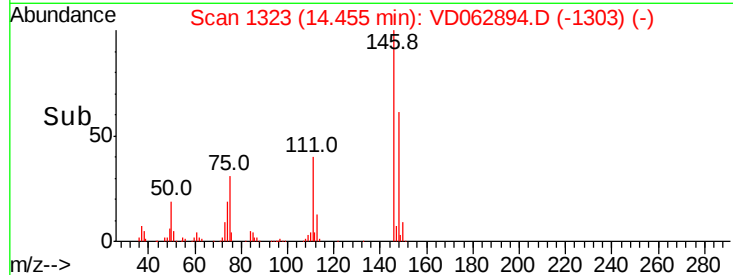
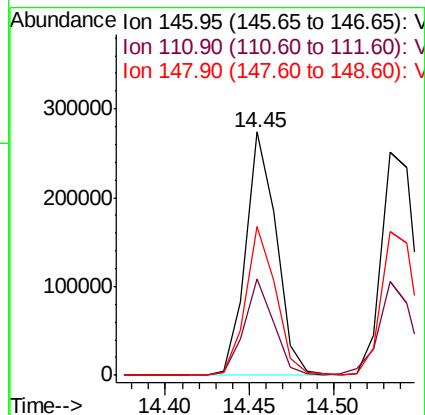
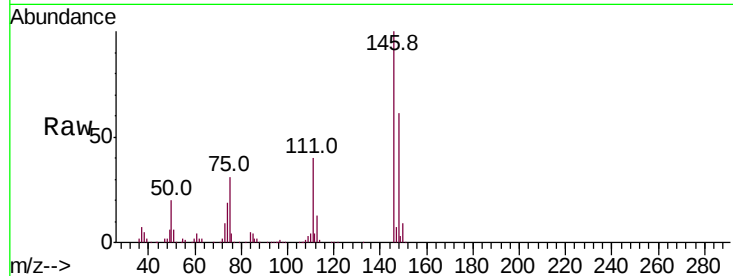




#87
 1,3-Dichlorobenzene
 Concen: 20.280 ug/l
 RT: 14.45 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VD062894.D
 Acq: 26 Jun 2019 00:46

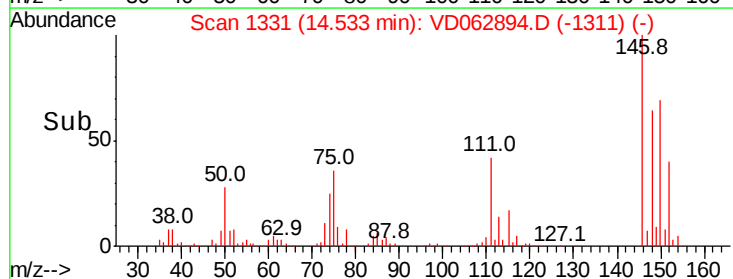
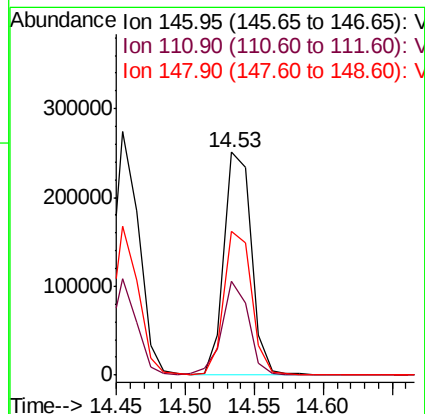
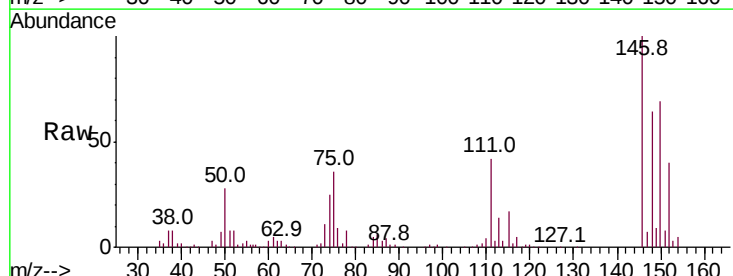
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBS02

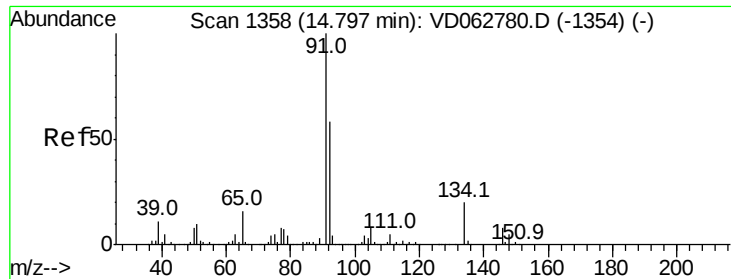
Tot Ion:146 Resp: 347243
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.0 57.0
 148 61.0 30.8 92.3



#88
 1,4-Dichlorobenzene
 Concen: 20.184 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: VD062894.D
 Acq: 26 Jun 2019 00:46

Tgt Ion:146 Resp: 347119
 Ion Ratio Lower Upper
 146 100
 111 42.2 19.7 59.1
 148 64.5 32.8 98.3





#89

n-Butylbenzene

Concen: 19.163 ug/l

RT: 14.80 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VD062894.D

Acq: 26 Jun 2019 00:46

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBS02

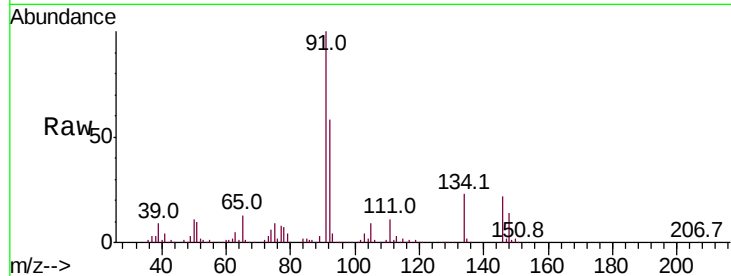
Tot Ion: 91 Resp: 592950

Ion Ratio Lower Upper

91 100

92 58.2 28.9 86.7

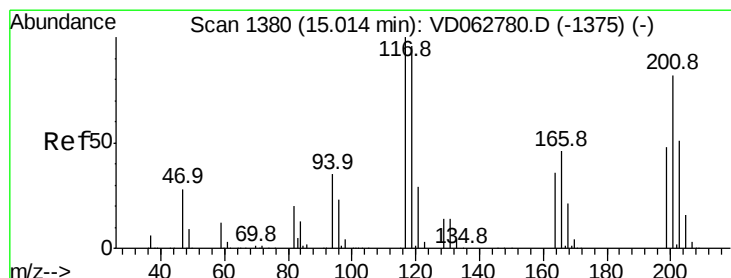
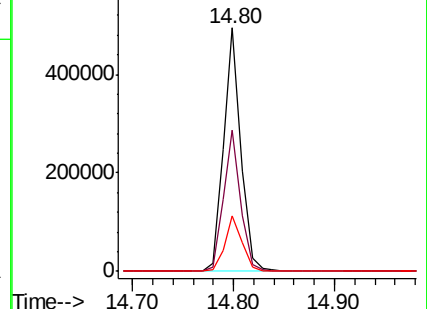
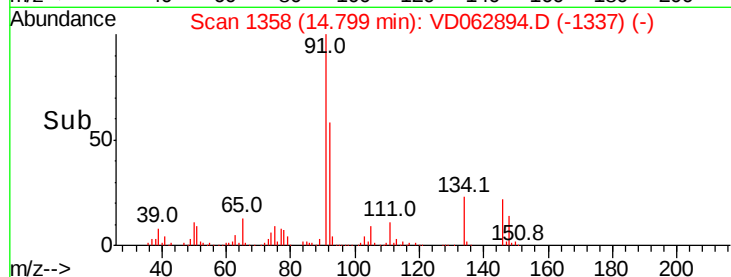
134 22.7 10.1 30.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V



#90

Hexachloroethane

Concen: 19.216 ug/l

RT: 15.01 min Scan# 1379

Delta R.T. -0.01 min

Lab File: VD062894.D

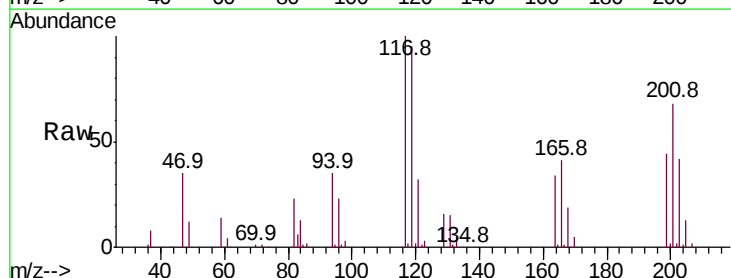
Acq: 26 Jun 2019 00:46

Tgt Ion: 117 Resp: 170802

Ion Ratio Lower Upper

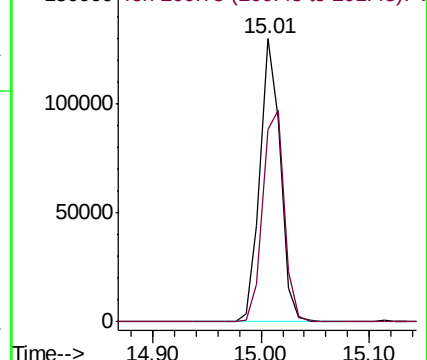
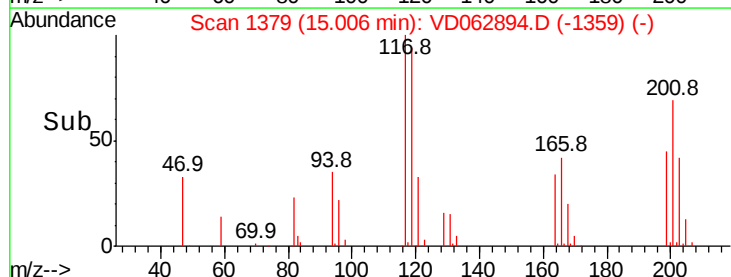
117 100

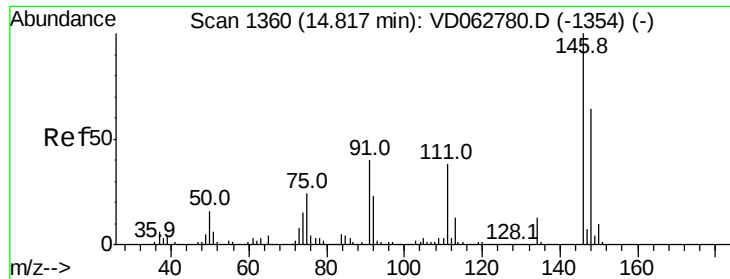
201 68.1 40.8 122.2



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V

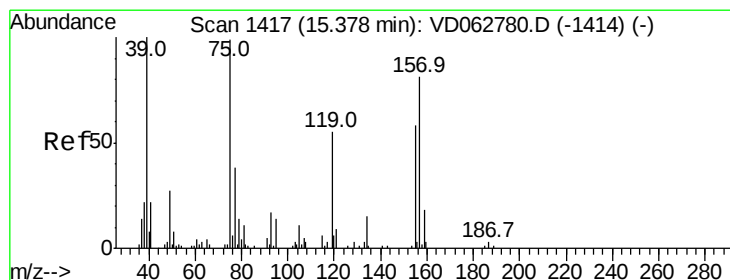
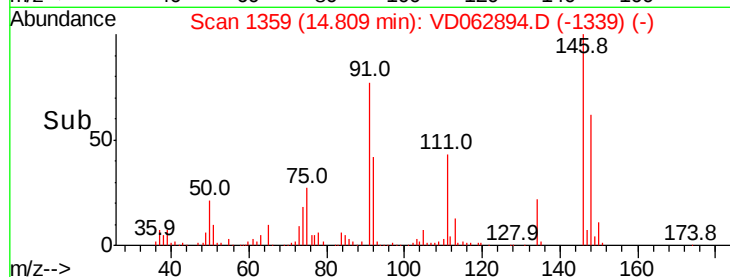
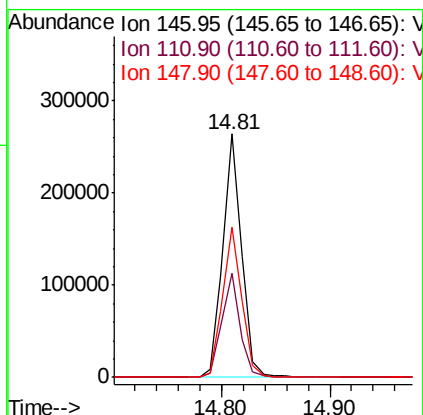
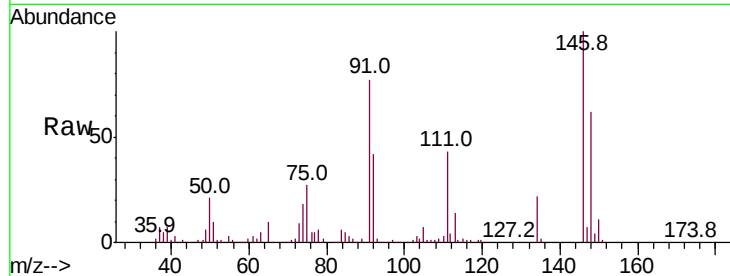




#91
 1,2-Dichlorobenzene
 Concen: 21.761 ug/l
 RT: 14.81 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: VD062894.D
 Acq: 26 Jun 2019 00:46

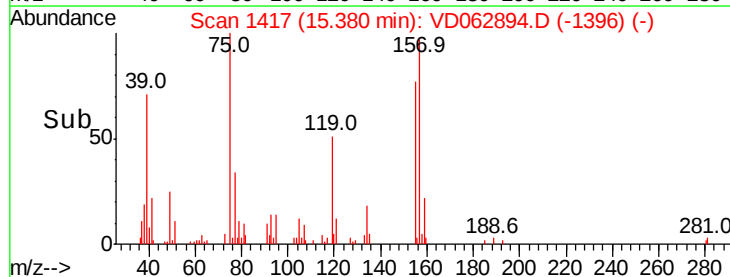
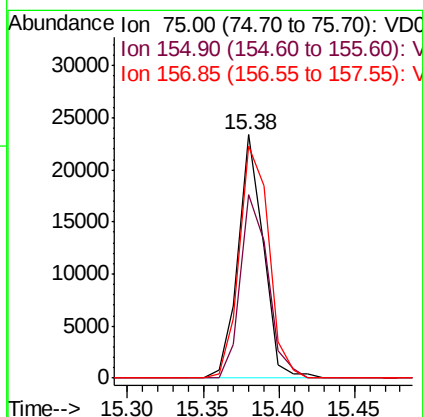
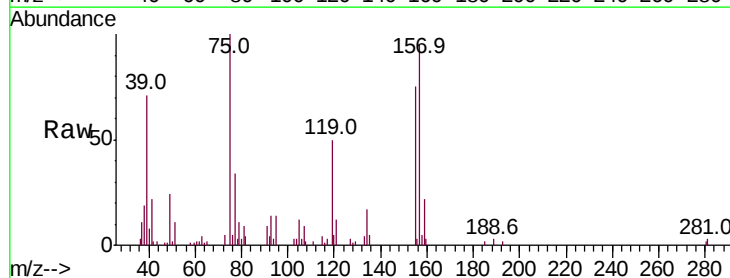
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBS02

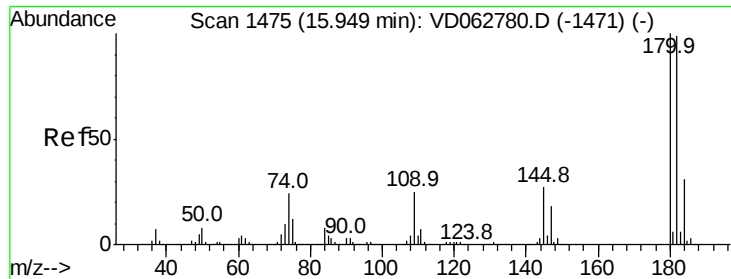
Tot Ion:146 Resp: 318784
 Ion Ratio Lower Upper
 146 100
 111 42.9 19.1 57.1
 148 61.7 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.994 ug/l
 RT: 15.38 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VD062894.D
 Acq: 26 Jun 2019 00:46

Tgt Ion: 75 Resp: 27097
 Ion Ratio Lower Upper
 75 100
 155 75.3 29.3 87.8
 157 95.4 41.3 123.7

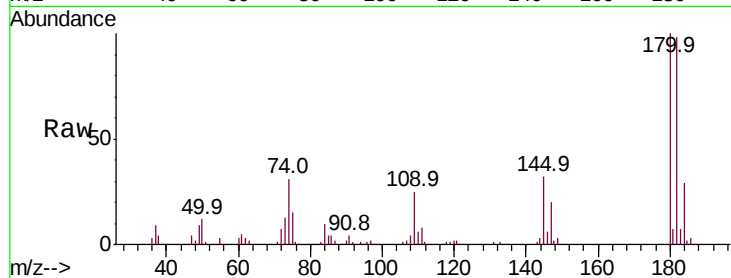




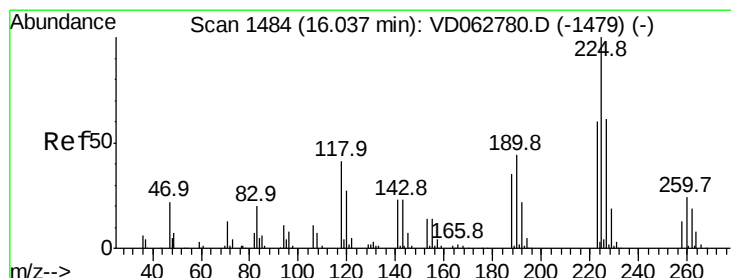
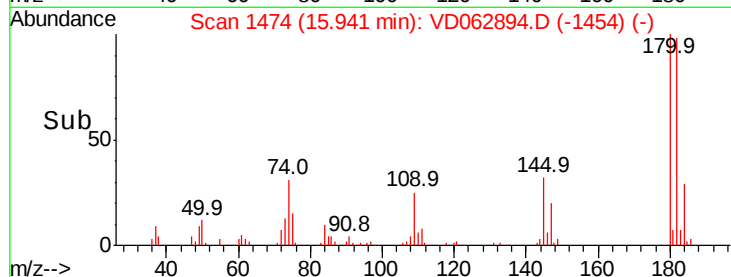
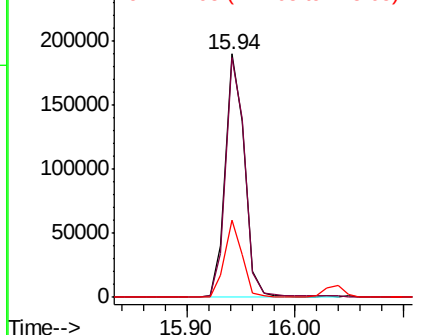
#93
 1,2,4-Trichlorobenzene
 Concen: 20.557 ug/l
 RT: 15.94 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: VD062894.D
 Acq: 26 Jun 2019 00:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.3	49.5	148.5
145	32.0	13.7	41.0

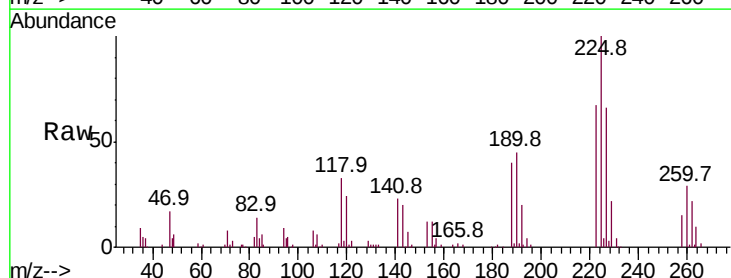


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

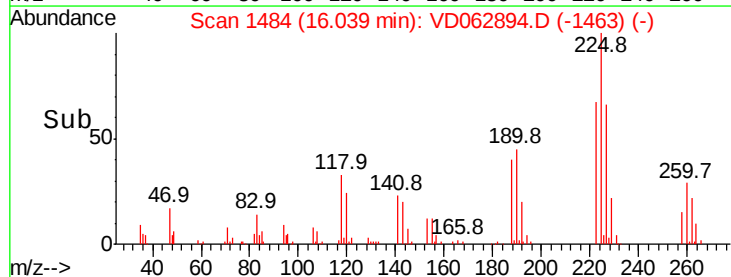
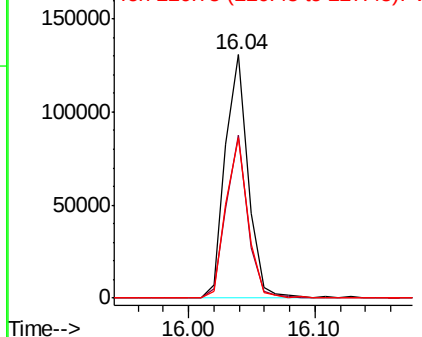


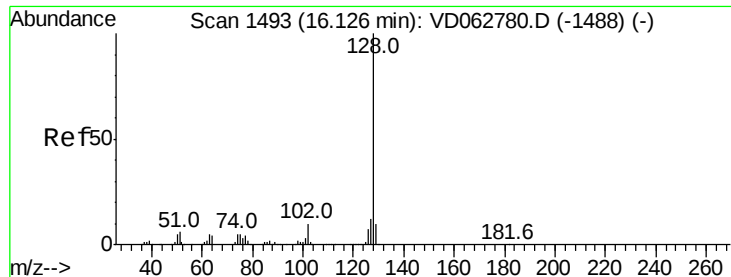
#94
 Hexachlorobutadiene
 Concen: 18.805 ug/l
 RT: 16.04 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: VD062894.D
 Acq: 26 Jun 2019 00:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.7	29.8	89.5
227	66.1	30.6	91.6



Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V

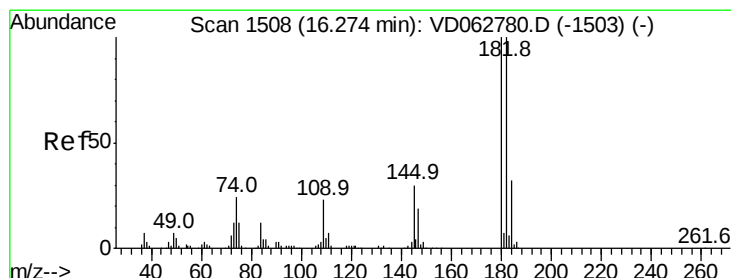
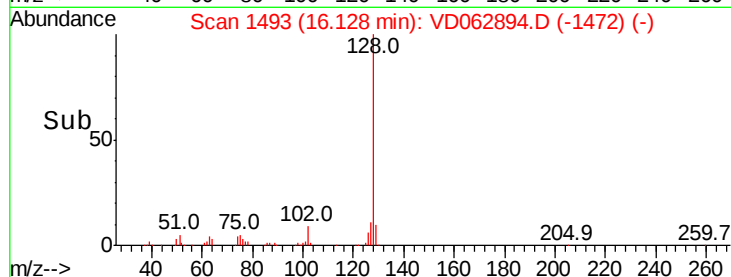
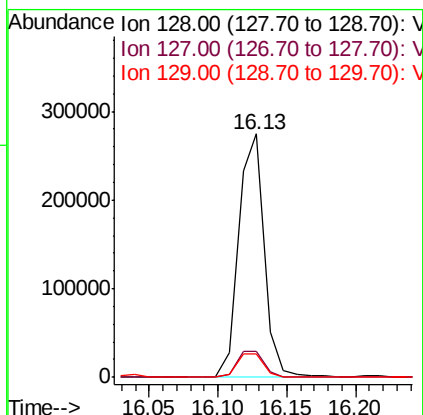
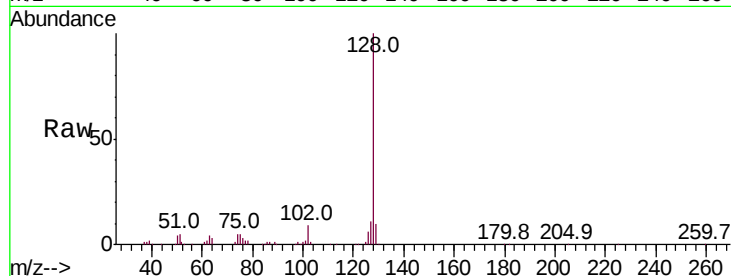




#95
Naphthalene
Concen: 22.114 ug/l
RT: 16.13 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBS02

Tot Ion:128 Resp: 354686
Ion Ratio Lower Upper
128 100
127 10.7 9.7 14.5
129 9.6 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 21.289 ug/l
RT: 16.28 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VD062894.D
Acq: 26 Jun 2019 00:46

Tgt Ion:180 Resp: 187184
Ion Ratio Lower Upper
180 100
182 101.6 49.9 149.6
145 27.5 15.2 45.5

