

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065800.D
 Acq On : 18 Jun 2020 11:37
 Operator : VA/SY
 Sample : VD0618SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBS01

Quant Time: Jun 19 01:00:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	203497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	322974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	291692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	146203	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	98240	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
35) Dibromofluoromethane	7.91	113	98513	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	
50) Toluene-d8	10.34	98	388726	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.64	95	127255	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	35349	23.756	ug/l	98
3) Chloromethane	2.21	50	57519	22.023	ug/l	93
4) Vinyl Chloride	2.35	62	66576	22.175	ug/l	100
5) Bromomethane	2.76	94	44949	21.408	ug/l	96
6) Chloroethane	2.93	64	44168	21.757	ug/l	92
7) Trichlorofluoromethane	3.27	101	74642	21.943	ug/l	96
8) Diethyl Ether	3.70	74	17735	19.831	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.09	101	44351	21.866	ug/l	96
10) Methyl Iodide	4.30	142	39809	20.155	ug/l	99
11) Tert butyl alcohol	5.20	59	12601	88.866	ug/l #	84
12) 1,1-Dichloroethene	4.07	96	38379	20.760	ug/l	93
13) Acrolein	3.92	56	9038	80.022	ug/l	93
14) Allyl chloride	4.71	41	64251	21.028	ug/l	99
15) Acrylonitrile	5.43	53	40445	99.572	ug/l	98
16) Acetone	4.15	43	41461	109.307	ug/l	99
17) Carbon Disulfide	4.40	76	128089	20.644	ug/l	100
18) Methyl Acetate	4.72	43	18761	19.730	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	81331	19.423	ug/l #	91
20) Methylene Chloride	4.96	84	67035	31.645	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	44217	20.424	ug/l	97
22) Diisopropyl ether	6.36	45	125885	20.391	ug/l	97
23) Vinyl Acetate	6.30	43	350643	100.580	ug/l	99
24) 1,1-Dichloroethane	6.26	63	77939	20.720	ug/l	96
25) 2-Butanone	7.21	43	51854	98.988	ug/l	98
26) 2,2-Dichloropropane	7.20	77	71553	21.453	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	48388	20.777	ug/l	98
28) Bromochloromethane	7.54	49	29269	20.146	ug/l	100
29) Tetrahydrofuran	7.56	42	32291	97.532	ug/l	97
30) Chloroform	7.71	83	80031	20.526	ug/l	92
31) Cyclohexane	7.98	56	75044	20.810	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	75129	20.956	ug/l	98
36) 1,1-Dichloropropene	8.11	75	64073	20.710	ug/l	99
37) Ethyl Acetate	7.29	43	23992	19.688	ug/l	99
38) Carbon Tetrachloride	8.10	117	70190	21.557	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065800.D
 Acq On : 18 Jun 2020 11:37
 Operator : VA/SY
 Sample : VD0618SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBS01

Quant Time: Jun 19 01:00:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	74610	20.368	ug/l	98
40) Benzene	8.35	78	173308	20.490	ug/l	97
41) Methacrylonitrile	7.52	41	13982	19.269	ug/l #	70
42) 1,2-Dichloroethane	8.42	62	50513	19.793	ug/l	100
43) Isopropyl Acetate	8.46	43	46214	19.071	ug/l	98
44) Trichloroethene	9.11	130	47019	19.976	ug/l	87
45) 1,2-Dichloropropane	9.39	63	42912	20.192	ug/l	99
46) Dibromomethane	9.48	93	22742	19.731	ug/l	96
47) Bromodichloromethane	9.66	83	61115	19.787	ug/l	99
48) Methyl methacrylate	9.46	41	22500	19.182	ug/l	99
49) 1,4-Dioxane	9.47	88	4675	381.067	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	112225	94.511	ug/l	97
52) Toluene	10.40	92	113677	20.685	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	55261	19.758	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	66419	20.107	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	30467	19.783	ug/l	92
56) Ethyl methacrylate	10.66	69	33560	18.527	ug/l	95
57) 1,3-Dichloropropane	10.95	76	52913	19.831	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	83475	99.119	ug/l	97
59) 2-Hexanone	10.98	43	78923	98.585	ug/l	97
60) Dibromochloromethane	11.14	129	40550	19.491	ug/l	98
61) 1,2-Dibromoethane	11.25	107	29165	19.270	ug/l	100
64) Tetrachloroethene	10.88	164	41845	21.215	ug/l	96
65) Chlorobenzene	11.67	112	115441	20.272	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	43441	20.465	ug/l	98
67) Ethyl Benzene	11.75	91	211179	20.759	ug/l	98
68) m/p-Xylenes	11.86	106	163348	41.687	ug/l	100
69) o-Xylene	12.18	106	73002	20.663	ug/l	98
70) Styrene	12.20	104	127567	20.858	ug/l	99
71) Bromoform	12.36	173	22621	19.353	ug/l #	96
73) Isopropylbenzene	12.48	105	204685	20.881	ug/l	99
74) N-amyl acetate	12.29	43	42227	19.363	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	32567	19.672	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	43156	37.955	ug/l #	100
77) Bromobenzene	12.77	156	46724	20.146	ug/l	96
78) n-propylbenzene	12.83	91	248371	21.050	ug/l	99
79) 2-Chlorotoluene	12.91	91	136835	21.140	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	173628	21.285	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	10471	19.897	ug/l	97
82) 4-Chlorotoluene	13.01	91	144004	20.727	ug/l	99
83) tert-Butylbenzene	13.23	119	146919	20.757	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	169287	20.734	ug/l	100
85) sec-Butylbenzene	13.41	105	211350	21.457	ug/l	98
86) p-Isopropyltoluene	13.52	119	191622	21.225	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	93583	20.464	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	93060	20.458	ug/l	98
89) n-Butylbenzene	13.85	91	185316	21.522	ug/l	99
90) Hexachloroethane	14.12	117	39133	21.655	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	80049	20.340	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5120	18.584	ug/l	97

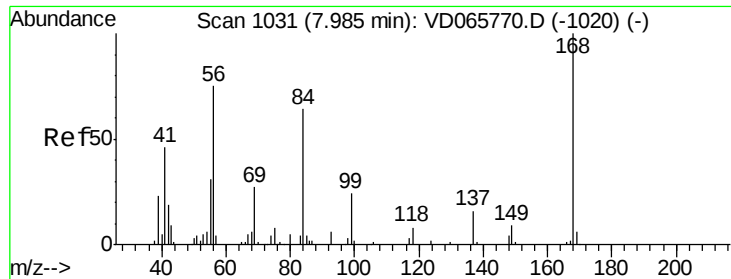
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065800.D
 Acq On : 18 Jun 2020 11:37
 Operator : VA/SY
 Sample : VD0618SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBS01

Quant Time: Jun 19 01:00:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	52460	19.605	ug/l	99
94) Hexachlorobutadiene	15.27	225	32017	19.793	ug/l	99
95) Naphthalene	15.41	128	81954	18.081	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	44583	19.345	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleID :

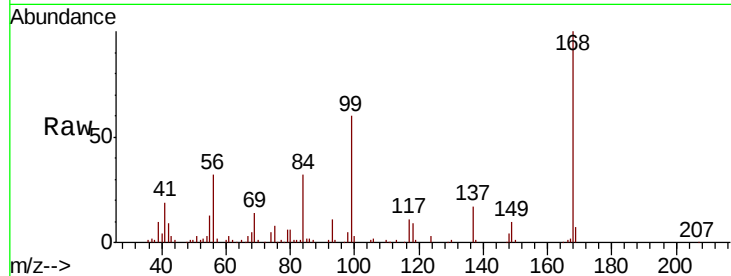
VD0618SBS01

Tot Ion:168 Resp: 203497

Ion Ratio Lower Upper

168 100

99 60.2 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

80000

60000

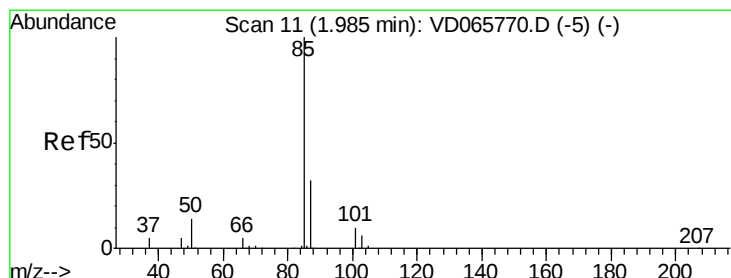
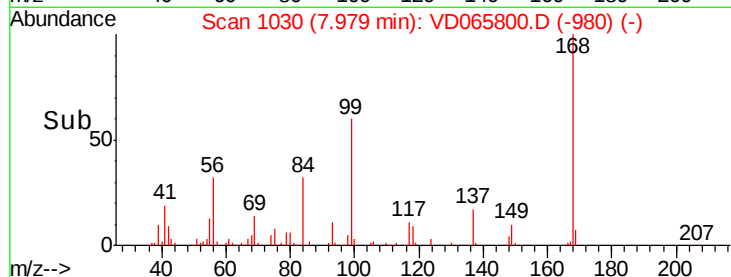
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.756 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065800.D

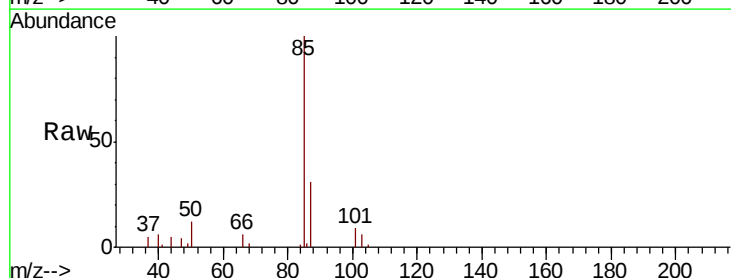
Acq: 18 Jun 2020 11:37

Tgt Ion: 85 Resp: 35349

Ion Ratio Lower Upper

85 100

87 31.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

30000

25000

20000

15000

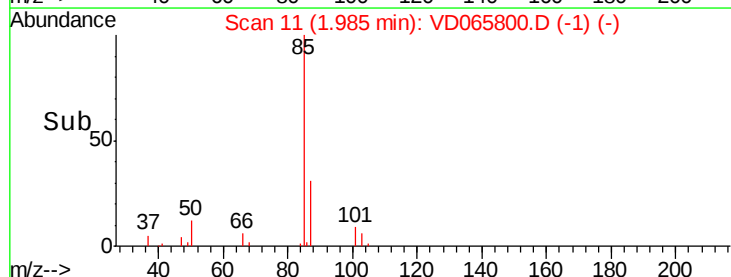
10000

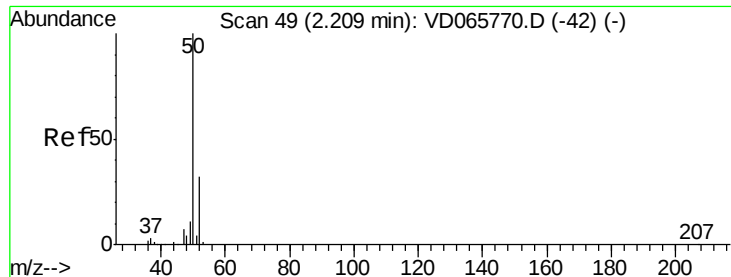
5000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 22.023 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

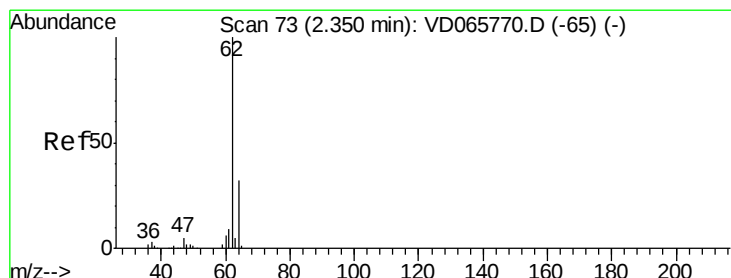
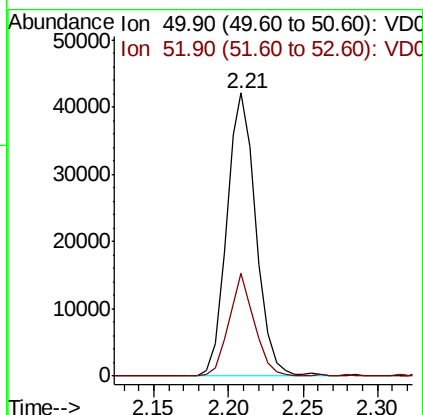
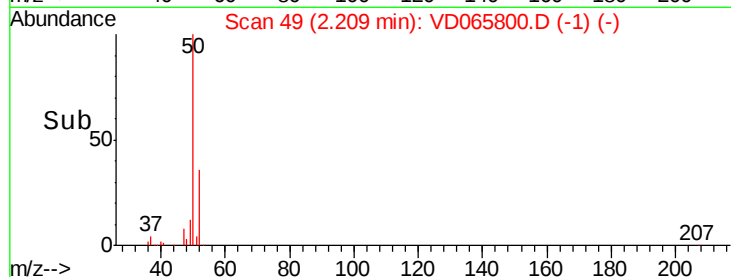
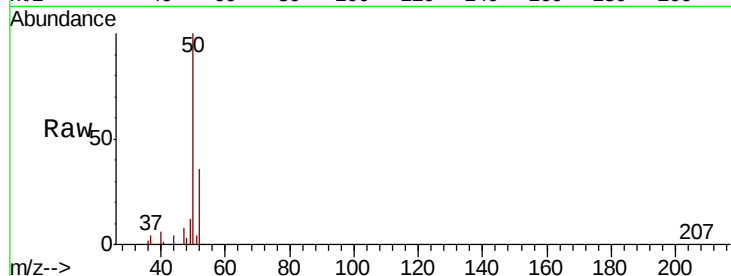
VD0618SBS01

Tot Ion: 50 Resp: 57519

Ion Ratio Lower Upper

50 100

52 36.1 25.6 38.4



#4

Vinyl Chloride

Concen: 22.175 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065800.D

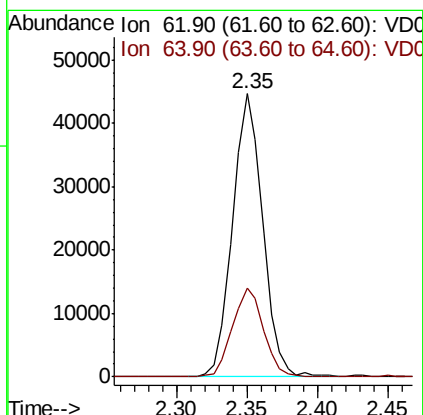
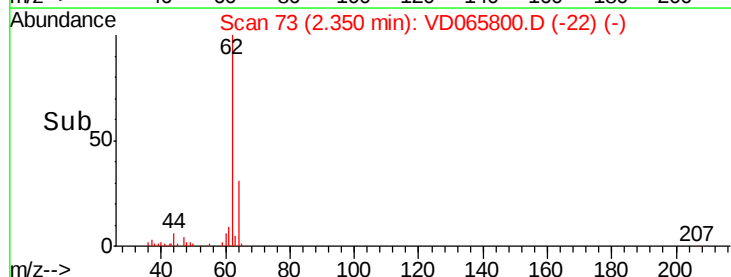
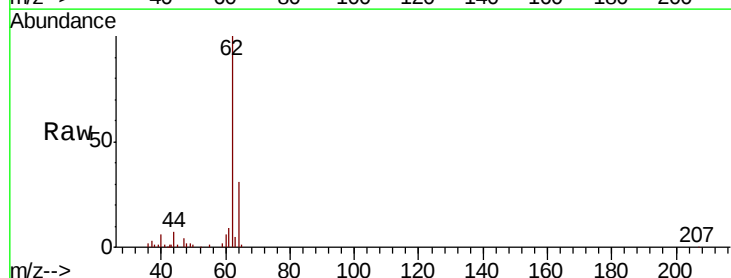
Acq: 18 Jun 2020 11:37

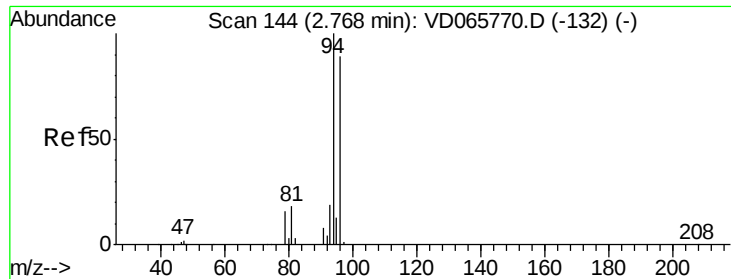
Tgt Ion: 62 Resp: 66576

Ion Ratio Lower Upper

62 100

64 31.5 25.3 37.9





#5

Bromomethane

Concen: 21.408 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

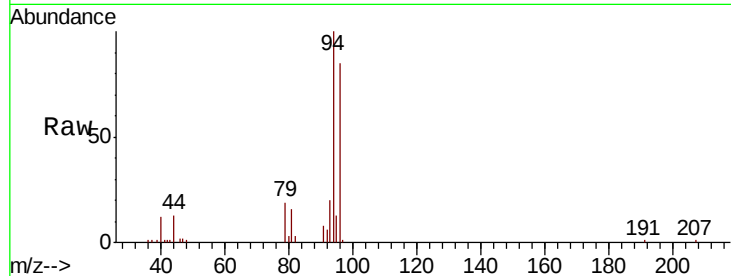
VD0618SBS01

Tot Ion: 94 Resp: 44949

Ion Ratio Lower Upper

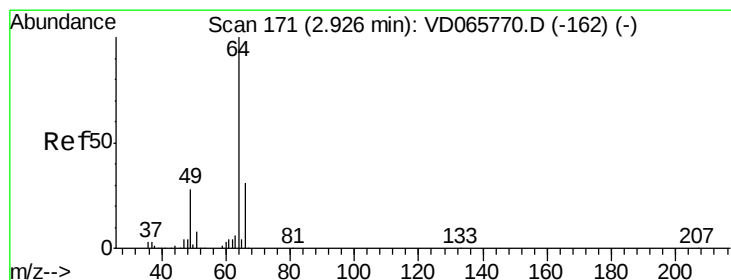
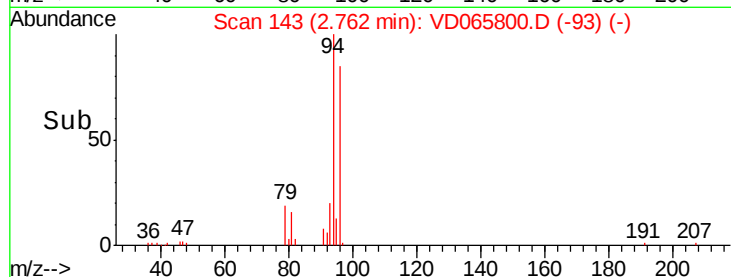
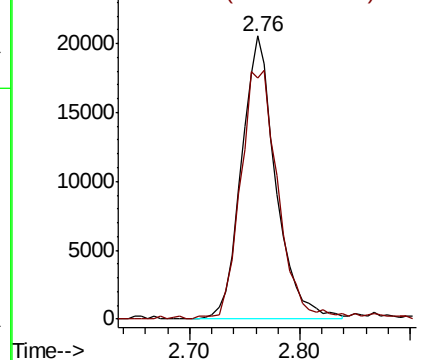
94 100

96 85.3 71.4 107.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 21.757 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065800.D

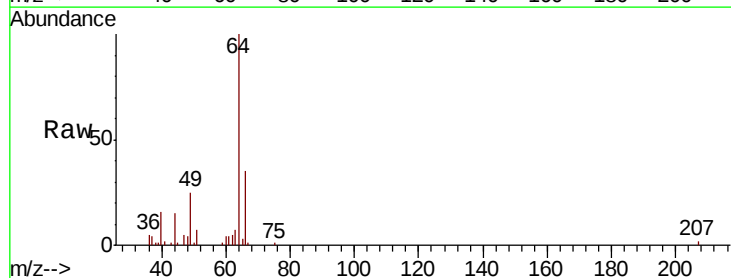
Acq: 18 Jun 2020 11:37

Tgt Ion: 64 Resp: 44168

Ion Ratio Lower Upper

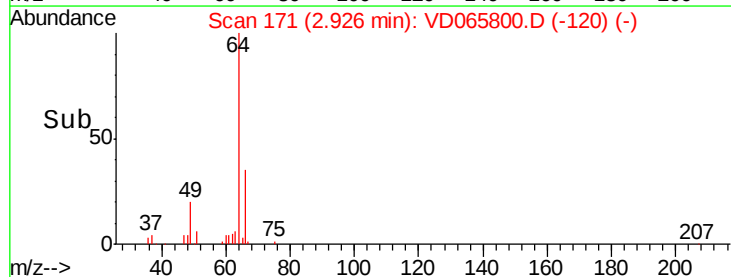
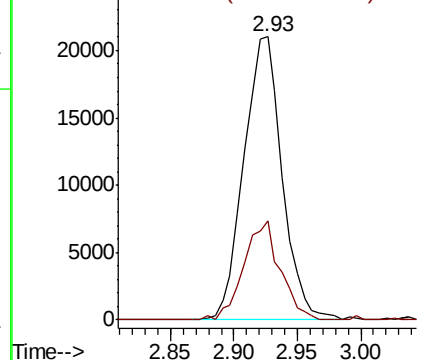
64 100

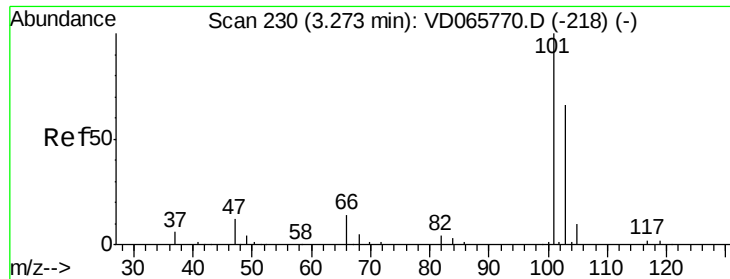
66 35.1 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



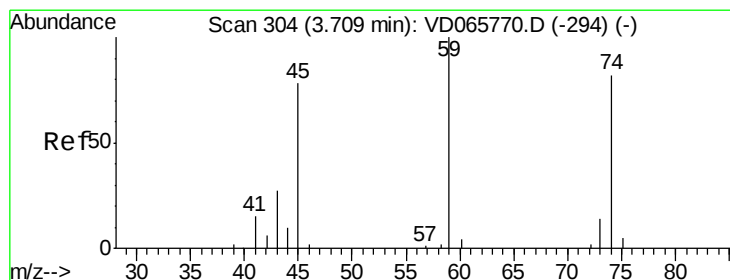
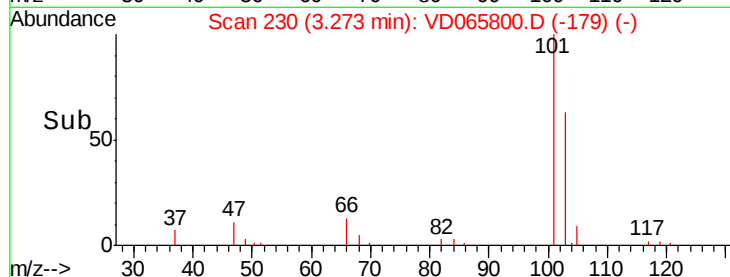
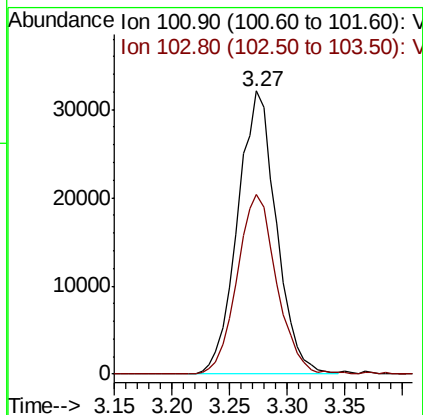
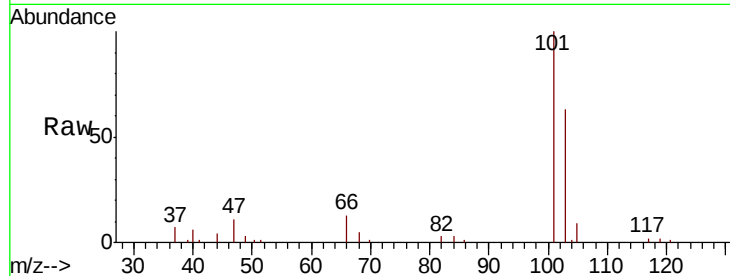


#7

Trichlorofluoromethane
 Concen: 21.943 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065800.D
 Acq: 18 Jun 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBS01

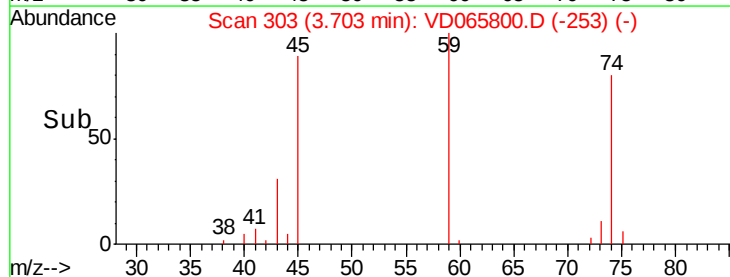
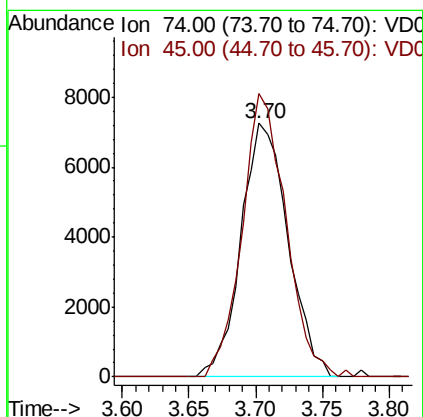
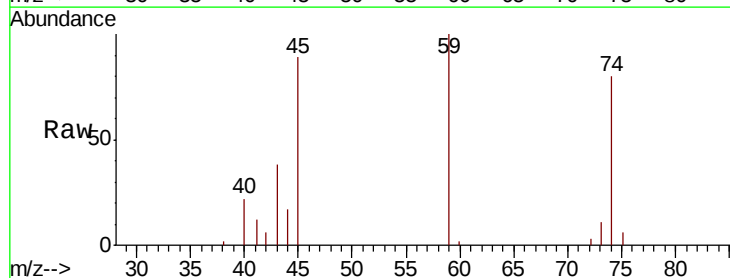
Tot Ion:101 Resp: 74642
 Ion Ratio Lower Upper
 101 100
 103 63.4 53.1 79.7

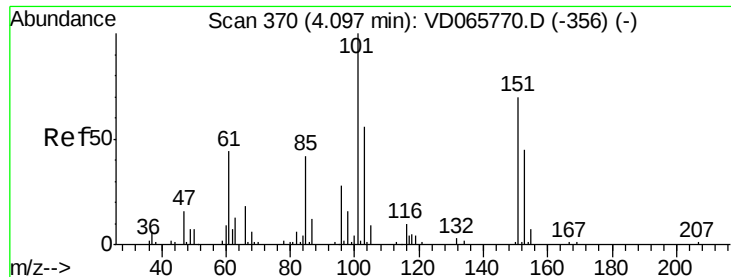


#8

Diethyl Ether
 Concen: 19.831 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065800.D
 Acq: 18 Jun 2020 11:37

Tgt Ion: 74 Resp: 17735
 Ion Ratio Lower Upper
 74 100
 45 103.9 47.9 143.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.866 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBS01

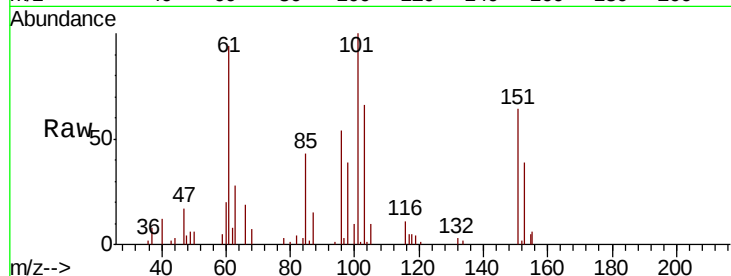
Tot Ion:101 Resp: 44351

Ion Ratio Lower Upper

101 100

85 46.1 36.5 54.7

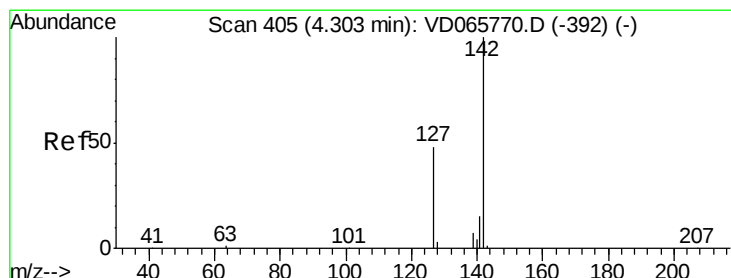
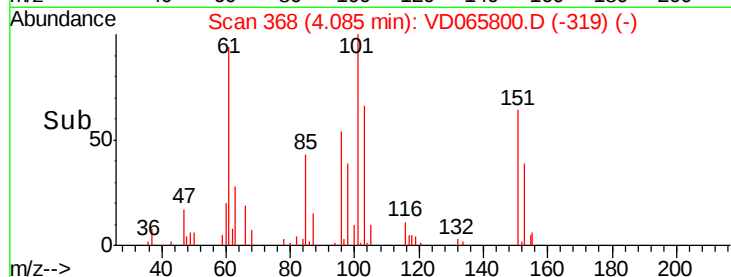
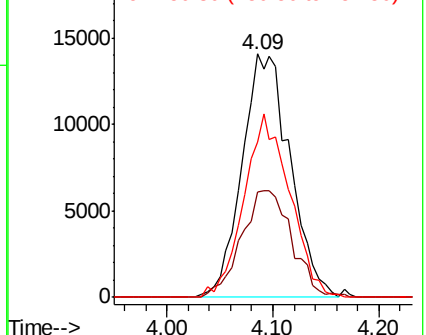
151 71.8 61.8 92.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.155 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

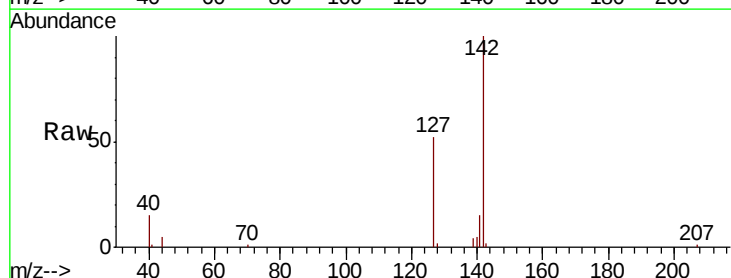
Tgt Ion:142 Resp: 39809

Ion Ratio Lower Upper

142 100

127 47.1 37.6 56.4

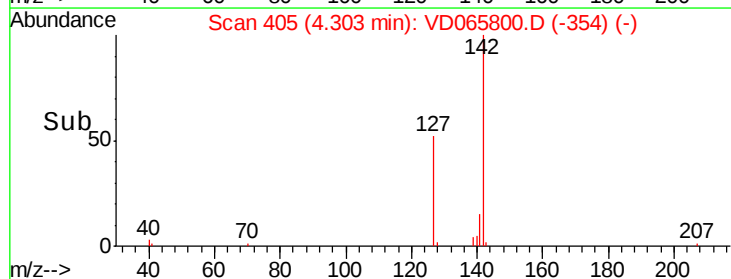
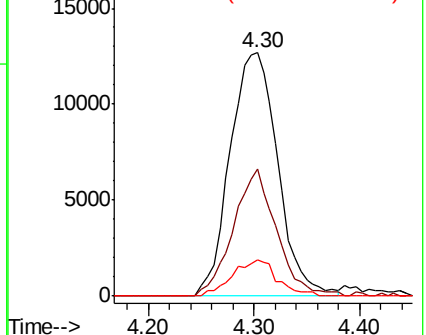
141 13.9 12.1 18.1

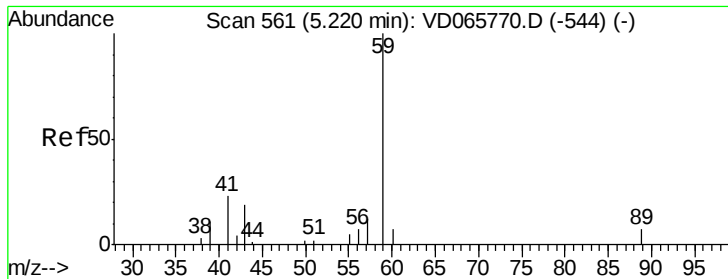


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

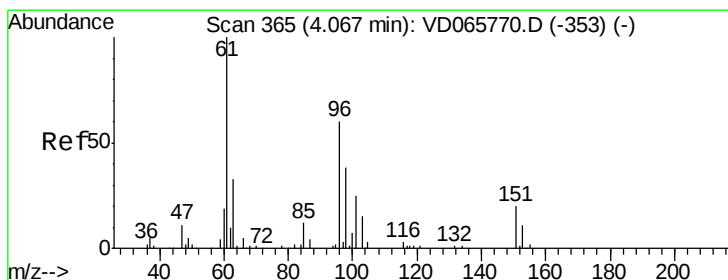
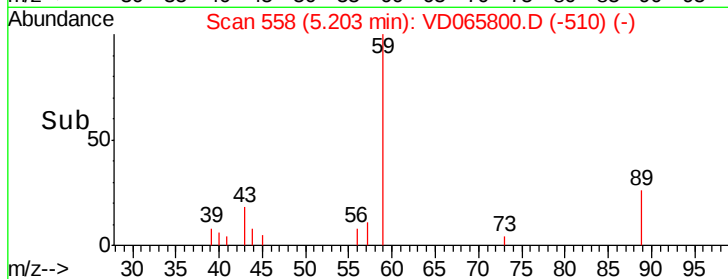
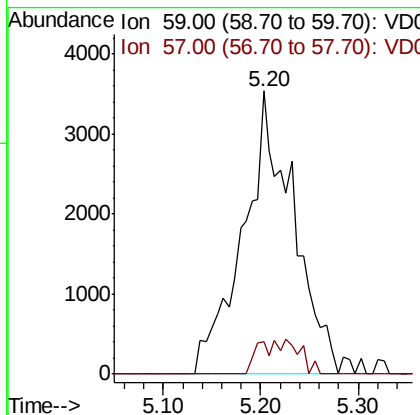
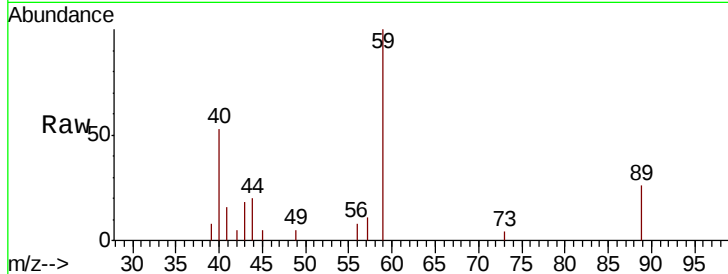




#11
Tert butyl alcohol
Concen: 88.866 ug/l
RT: 5.20 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

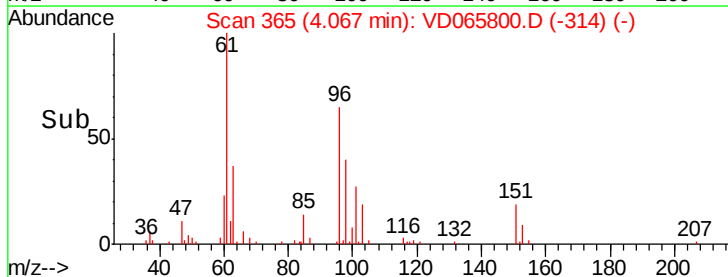
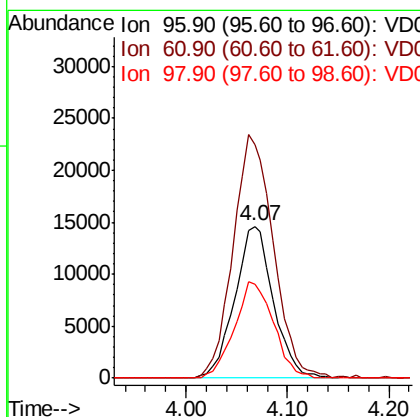
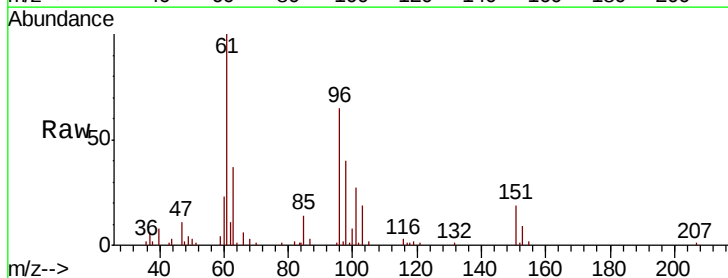
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

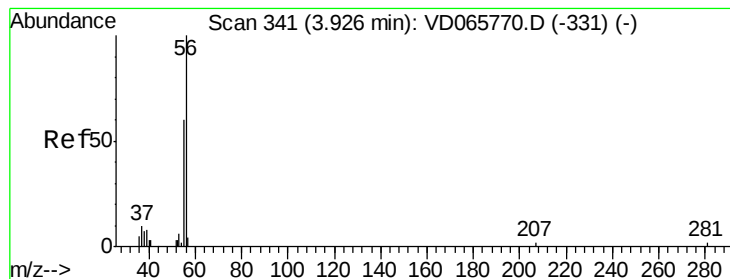
Tot Ion: 59 Resp: 12601
Ion Ratio Lower Upper
59 100
57 3.5 7.5 11.3#



#12
1,1-Dichloroethene
Concen: 20.760 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

Tgt Ion: 96 Resp: 38379
Ion Ratio Lower Upper
96 100
61 153.7 132.3 198.5
98 61.5 50.7 76.1





#13

Acrolein

Concen: 80.022 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

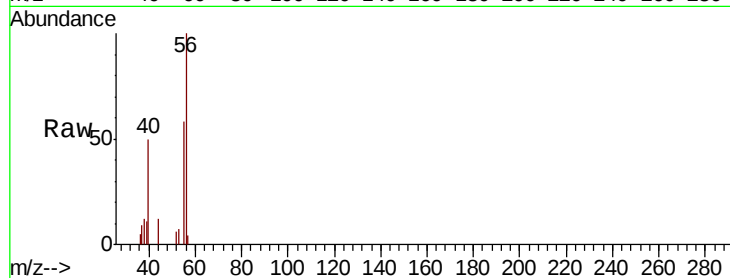
VD0618SBS01

Tot Ion: 56 Resp: 9038

Ion Ratio Lower Upper

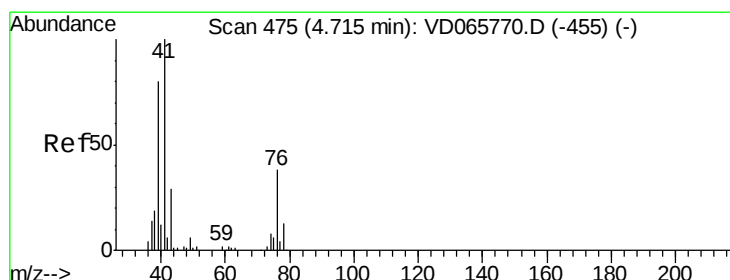
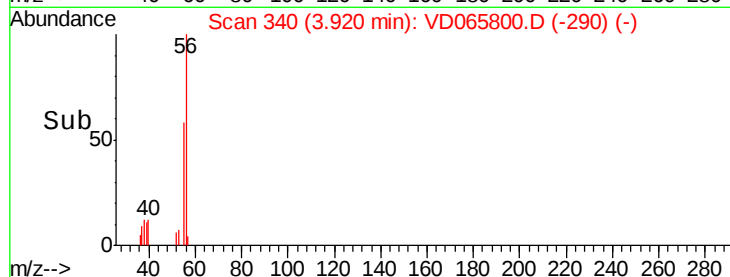
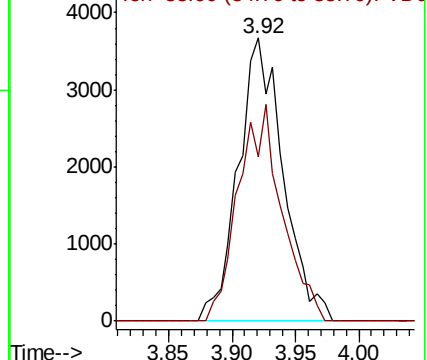
56 100

55 74.4 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 21.028 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

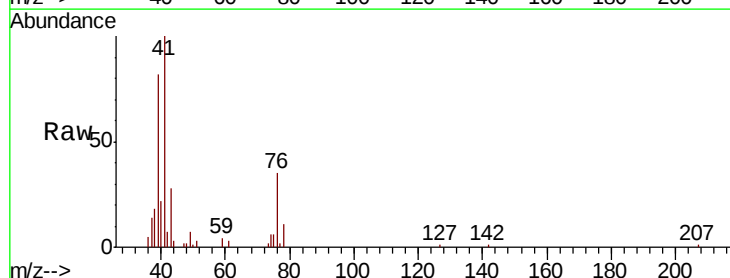
Tgt Ion: 41 Resp: 64251

Ion Ratio Lower Upper

41 100

39 76.8 60.9 91.3

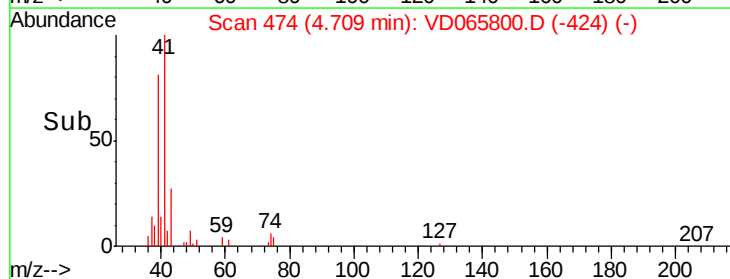
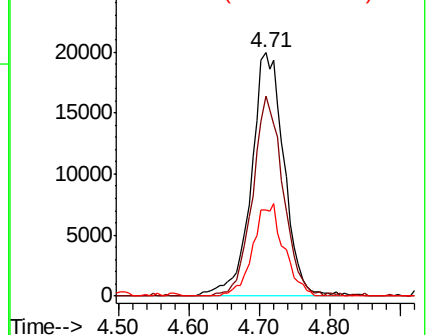
76 36.0 28.9 43.3

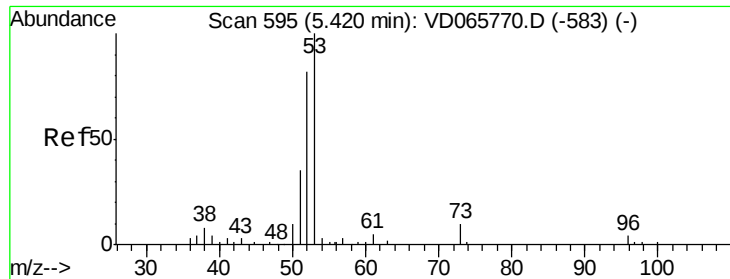


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 99.572 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBS01

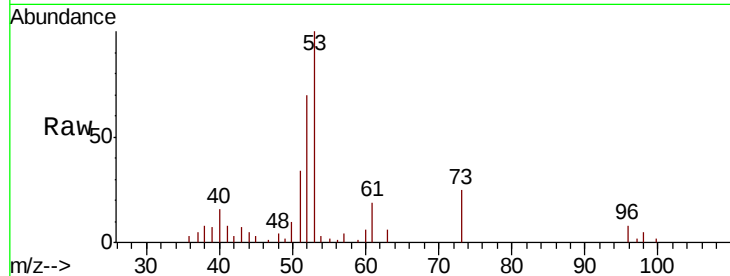
Tot Ion: 53 Resp: 40445

Ion Ratio Lower Upper

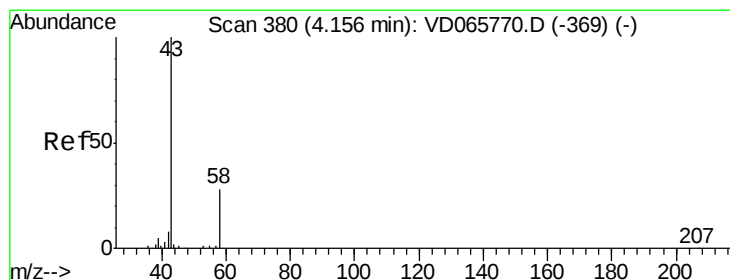
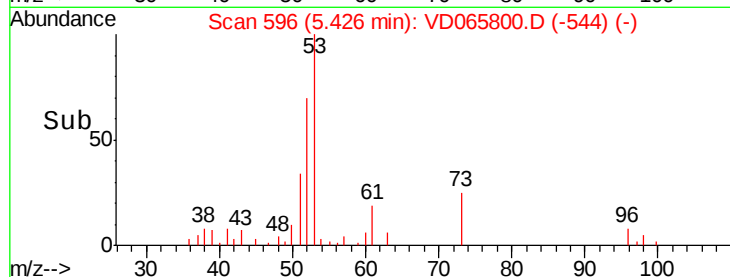
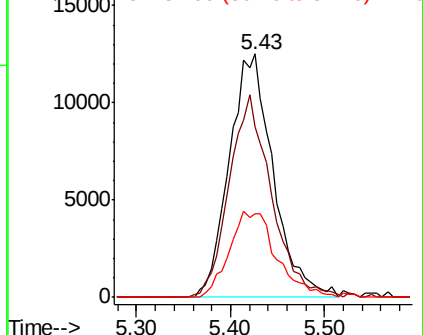
53 100

52 80.1 66.2 99.2

51 37.9 30.7 46.1



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: 109.307 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD065800.D

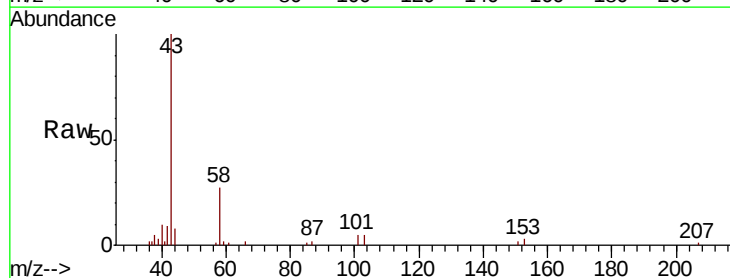
Acq: 18 Jun 2020 11:37

Tgt Ion: 43 Resp: 41461

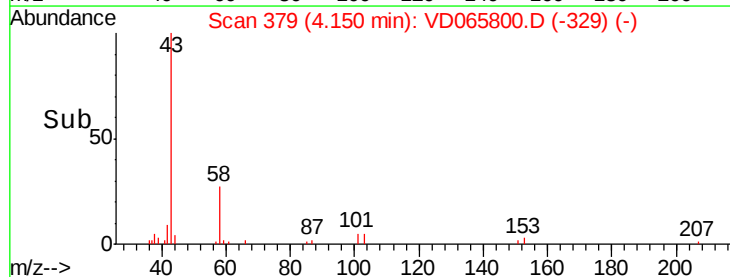
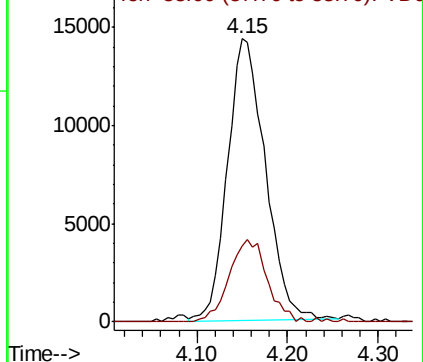
Ion Ratio Lower Upper

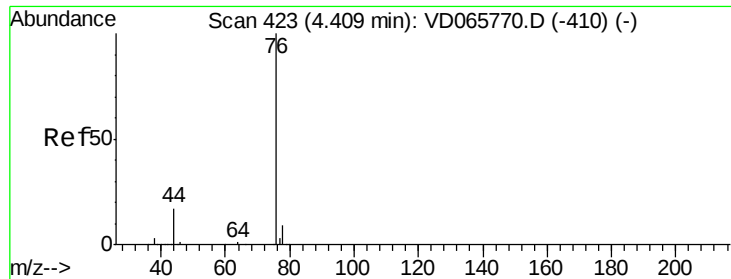
43 100

58 27.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

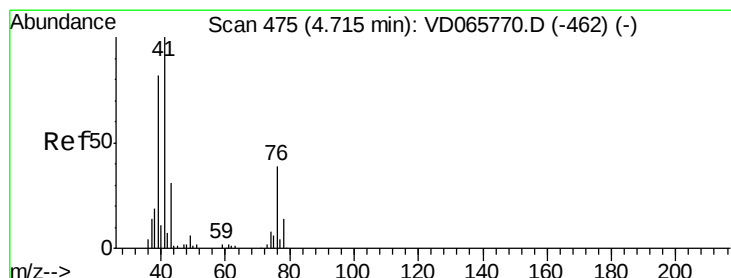
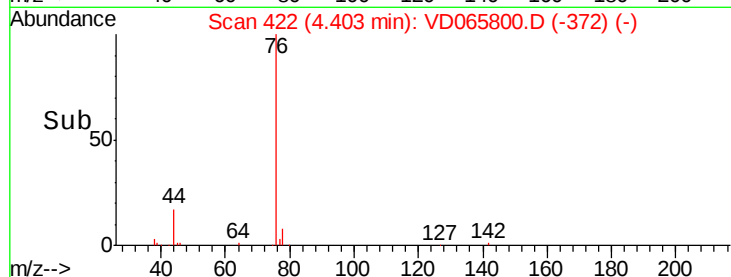
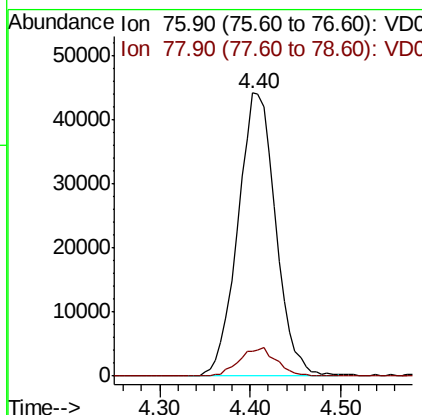
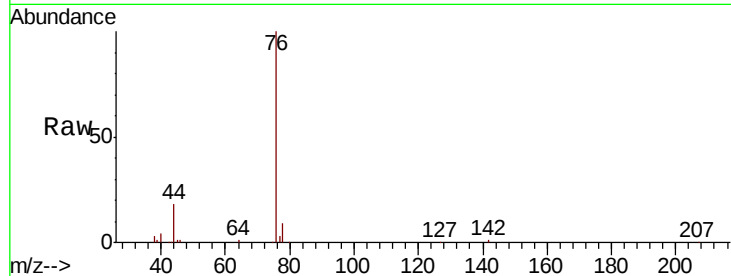




#17
Carbon Disulfide
Concen: 20.644 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

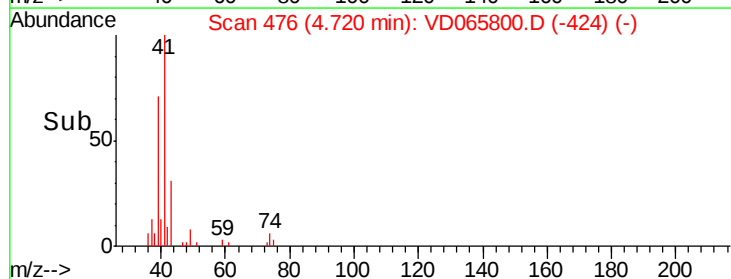
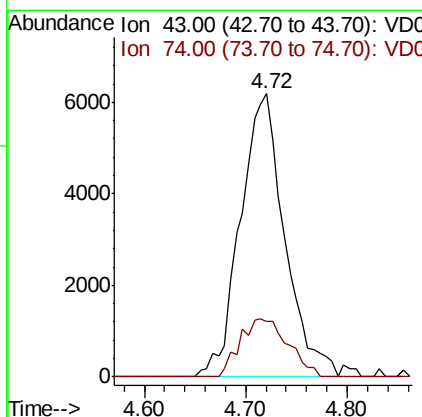
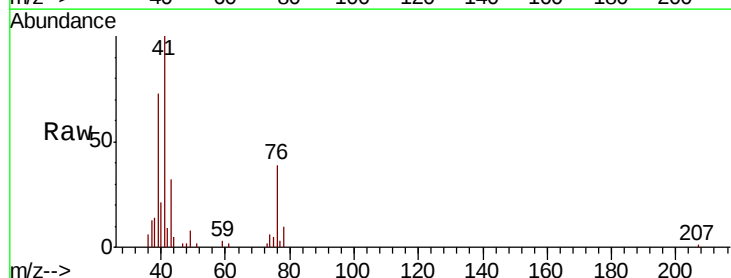
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

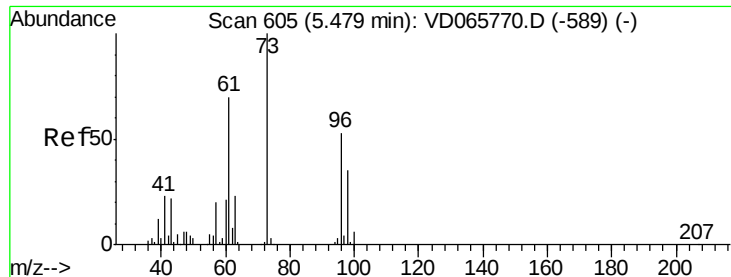
Tot Ion: 76 Resp: 128089
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 19.730 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

Tgt Ion: 43 Resp: 18761
Ion Ratio Lower Upper
43 100
74 22.3 18.7 28.1

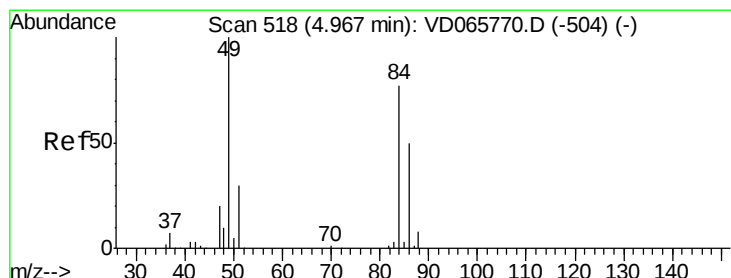
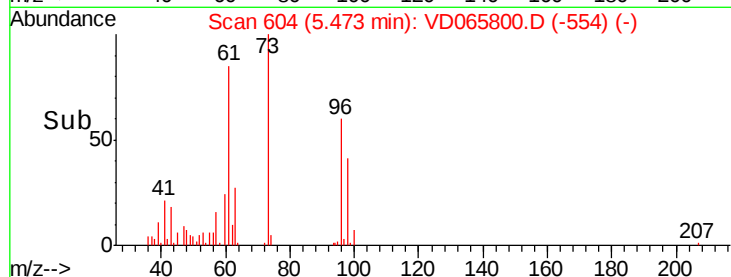
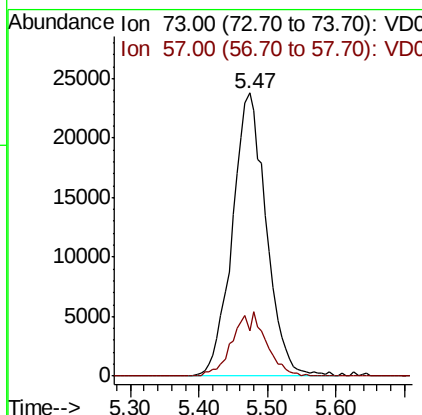
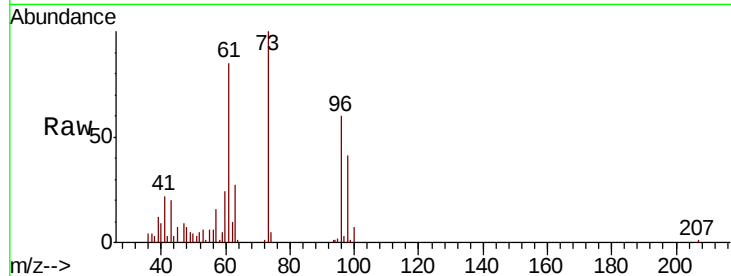




#19
Methyl tert-butyl Ether
Concen: 19.423 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

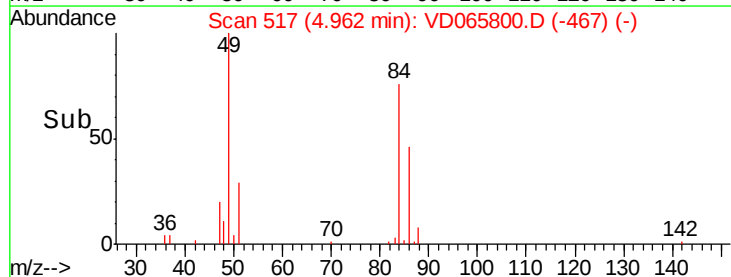
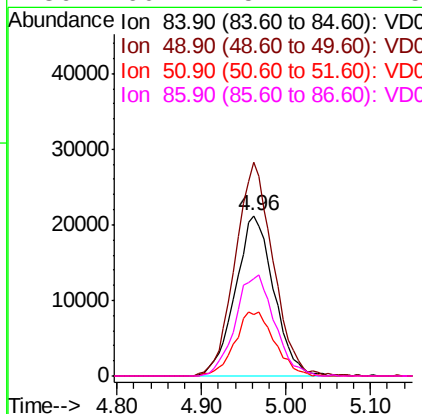
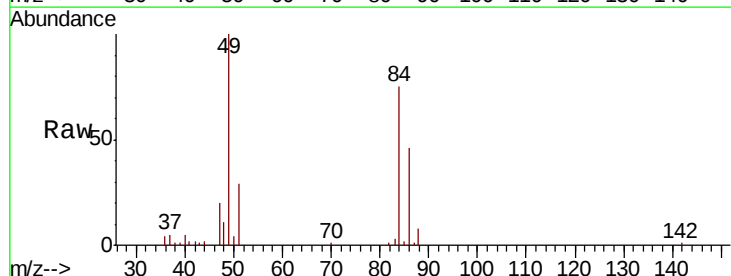
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

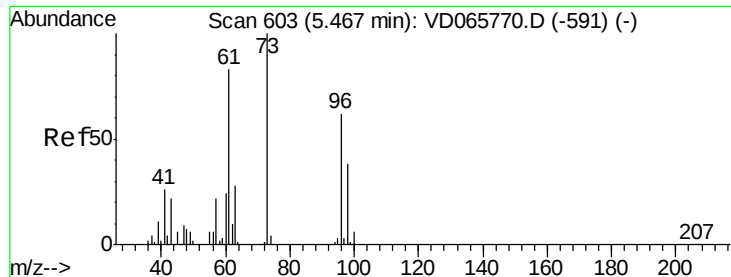
Tot Ion: 73 Resp: 81331
Ion Ratio Lower Upper
73 100
57 16.0 16.2 24.2#



#20
Methylene Chloride
Concen: 31.645 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

Tgt Ion: 84 Resp: 67035
Ion Ratio Lower Upper
84 100
49 133.3 103.4 155.0
51 38.4 31.4 47.2
86 60.7 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 20.424 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBS01

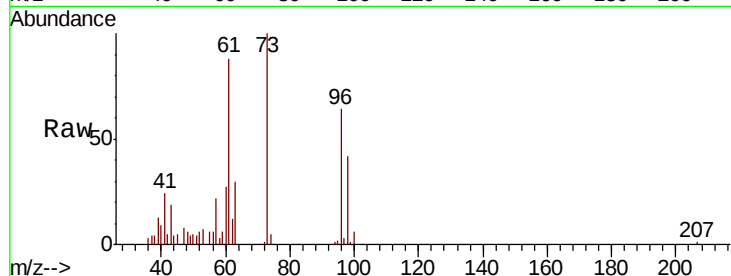
Tot Ion: 96 Resp: 44217

Ion Ratio Lower Upper

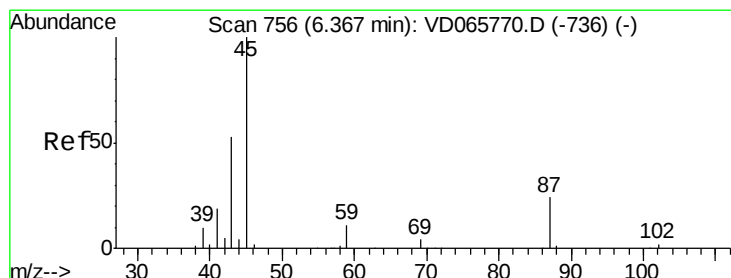
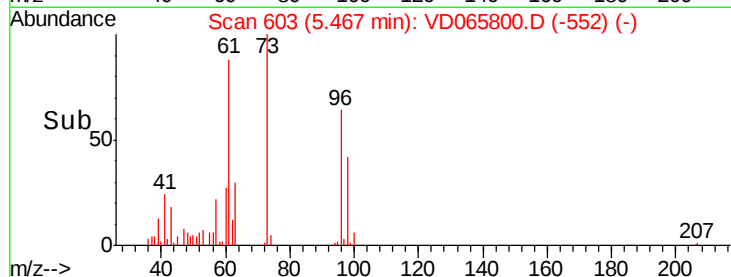
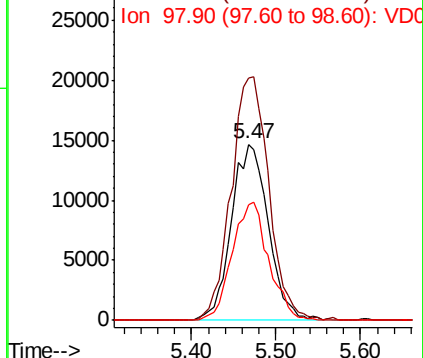
96 100

61 137.1 107.7 161.5

98 65.4 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 20.391 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Tgt Ion: 45 Resp: 125885

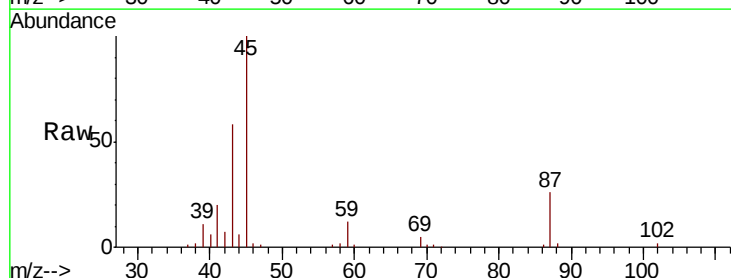
Ion Ratio Lower Upper

45 100

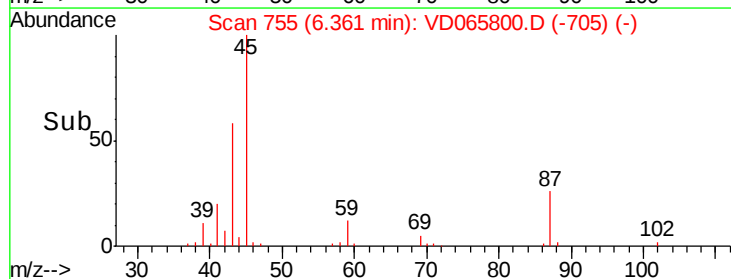
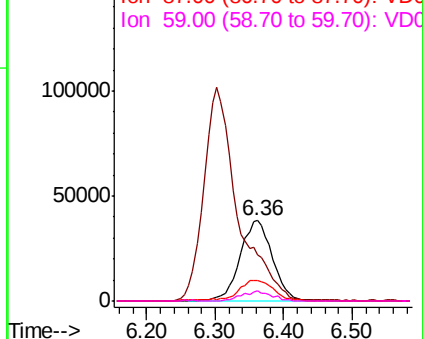
43 56.4 43.4 65.0

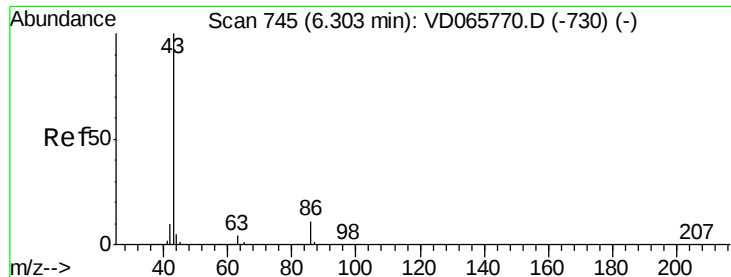
87 26.2 20.2 30.4

59 12.3 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 100.580 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

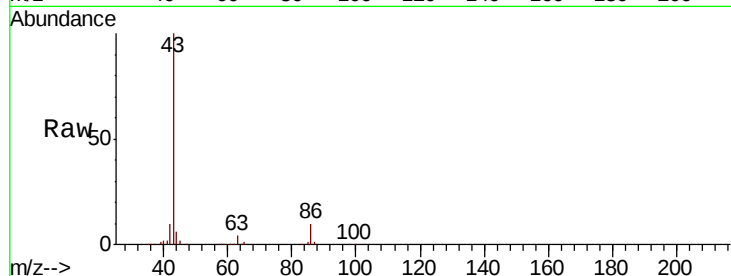
VD0618SBS01

Tot Ion: 43 Resp: 350643

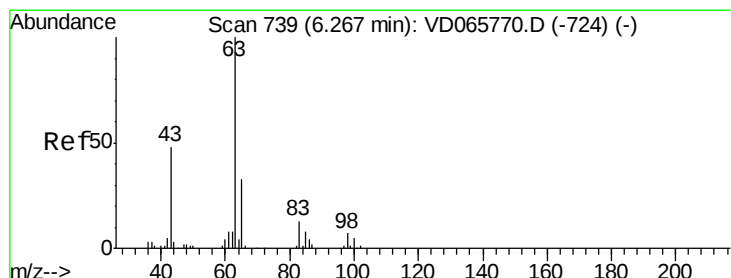
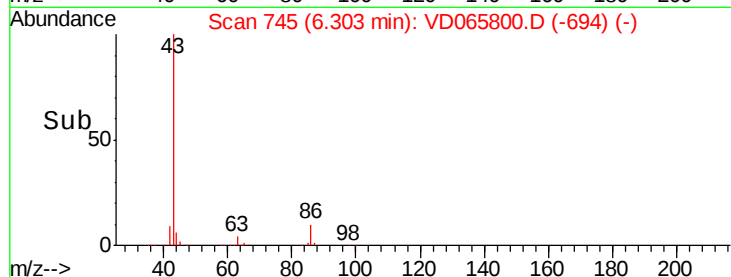
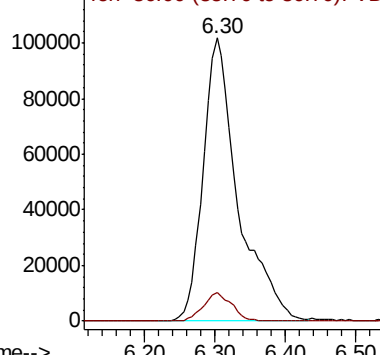
Ion Ratio Lower Upper

43 100

86 10.1 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.720 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

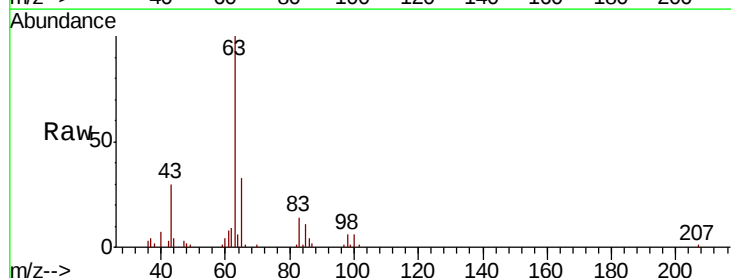
Tgt Ion: 63 Resp: 77939

Ion Ratio Lower Upper

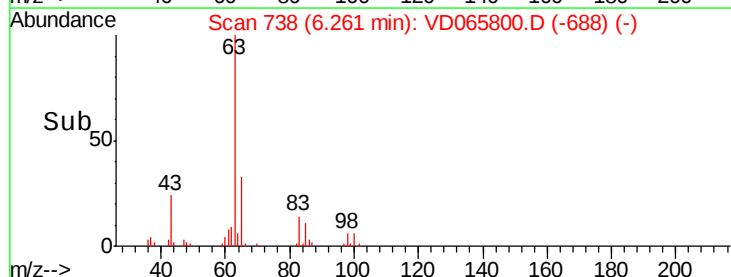
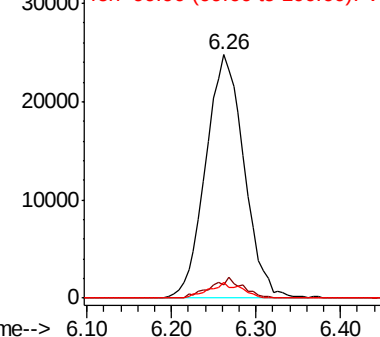
63 100

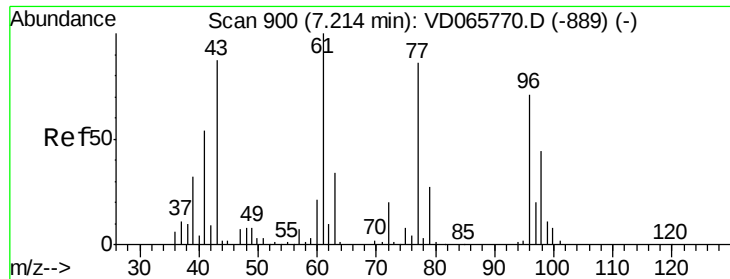
98 5.7 3.5 10.5

100 6.4 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VDC
Ion 97.90 (97.60 to 98.60): VDC
Ion 99.90 (99.60 to 100.60): VDC

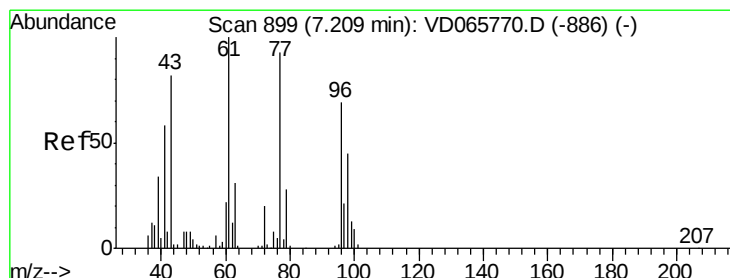
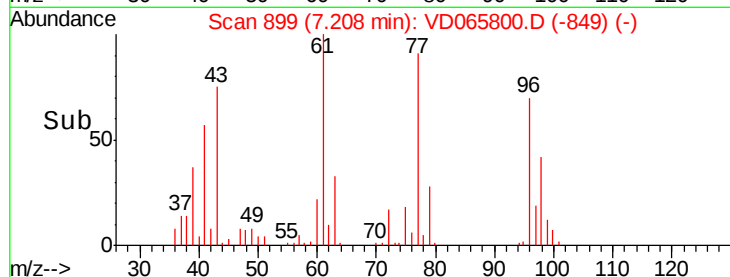
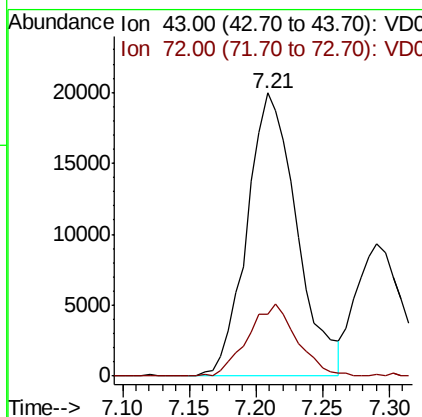
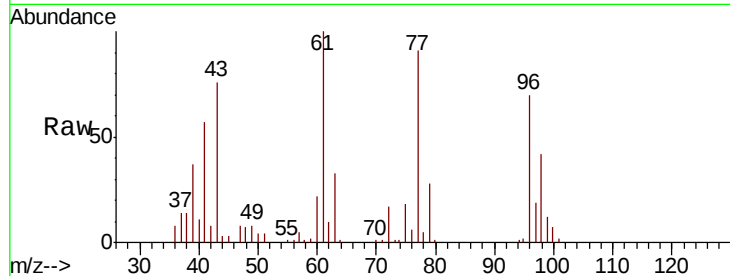




#25
2-Butanone
Concen: 98.988 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

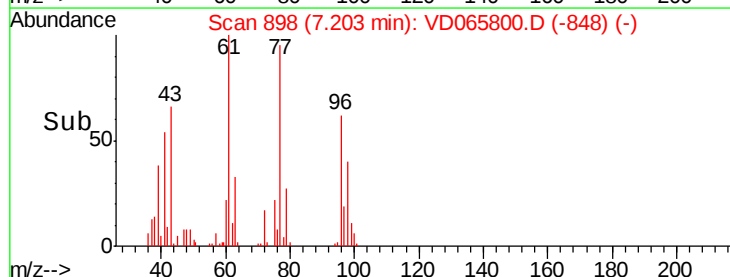
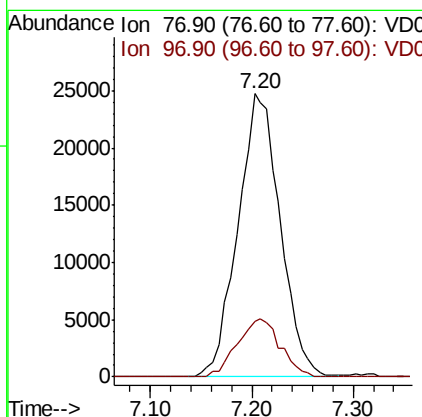
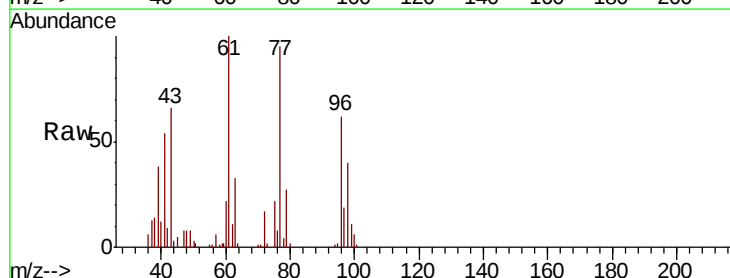
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

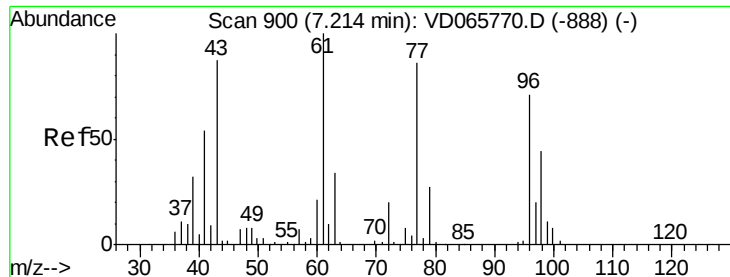
Tot Ion: 43 Resp: 51854
Ion Ratio Lower Upper
43 100
72 22.0 18.5 27.7



#26
2,2-Dichloropropane
Concen: 21.453 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

Tgt Ion: 77 Resp: 71553
Ion Ratio Lower Upper
77 100
97 20.7 10.9 32.7



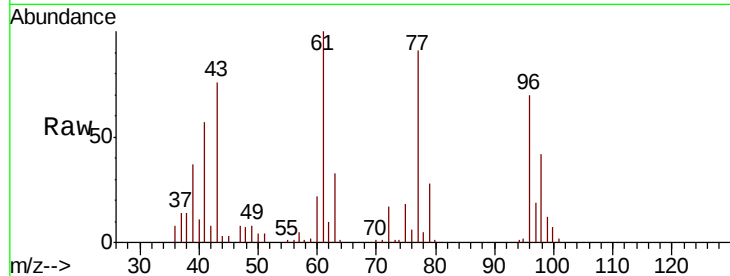


#27

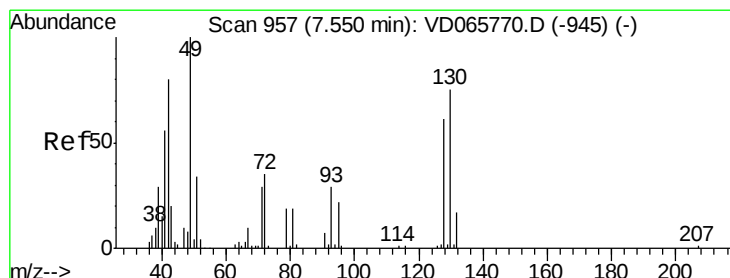
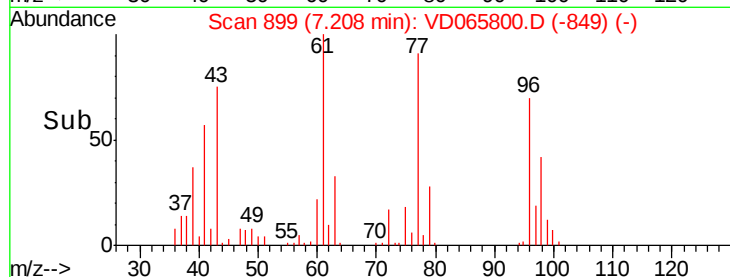
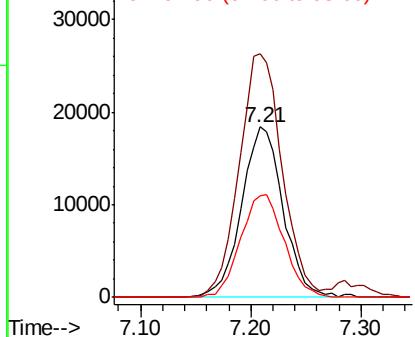
cis-1,2-Dichloroethene
Concen: 20.777 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

Tot Ion: 96 Resp: 48388
Ion Ratio Lower Upper
96 100
61 148.3 0.0 291.2
98 63.1 0.0 128.8



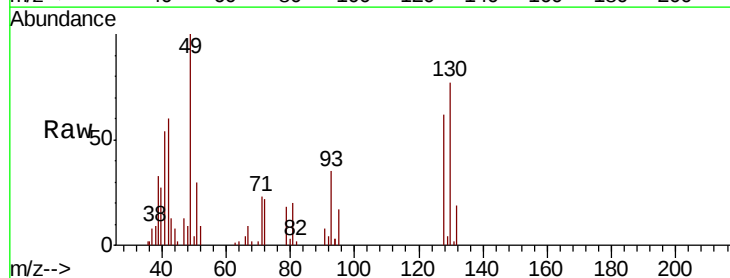
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



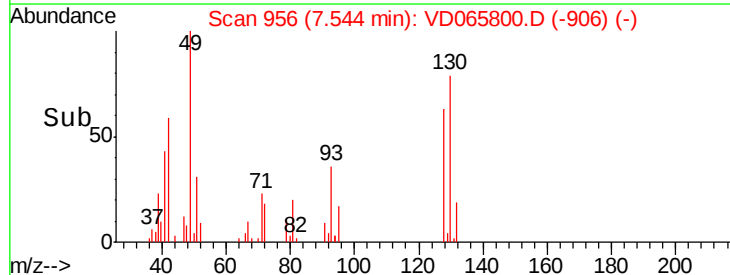
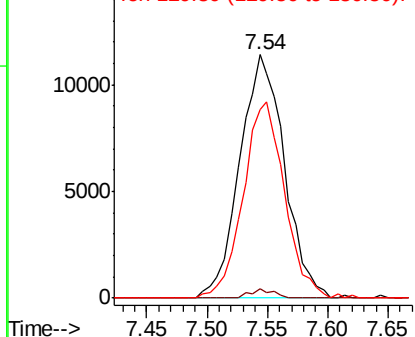
#28

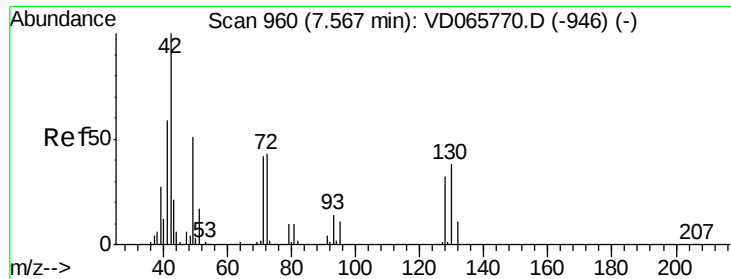
Bromochloromethane
Concen: 20.146 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

Tgt Ion: 49 Resp: 29269
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.6
130 74.5 59.5 89.3



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC

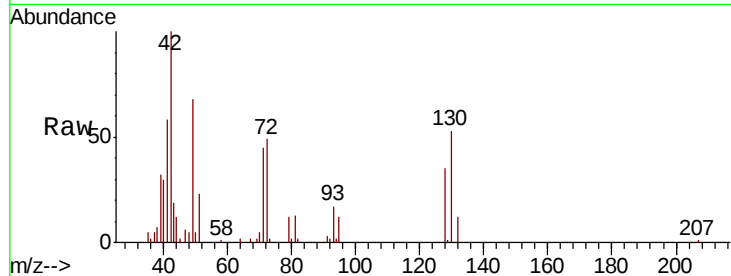




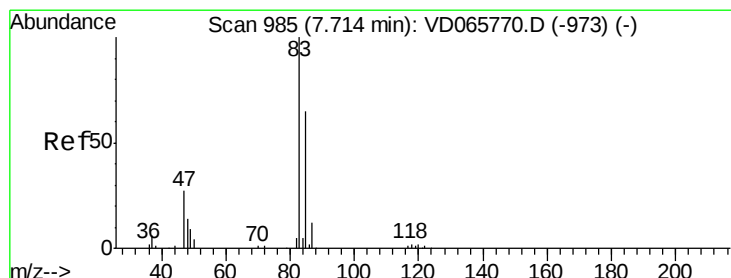
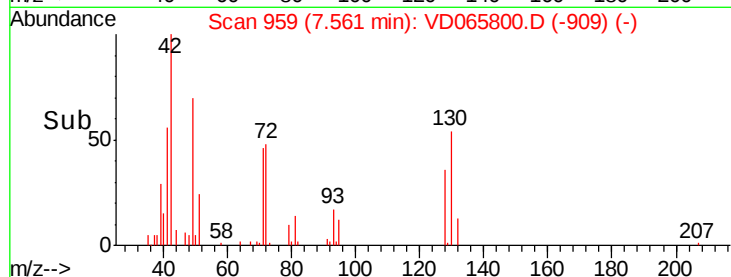
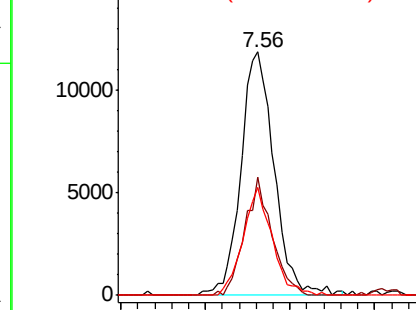
#29
Tetrahydrofuran
Concen: 97.532 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

Tot Ion: 42 Resp: 32291
Ion Ratio Lower Upper
42 100
72 39.9 34.9 52.3
71 39.1 31.2 46.8

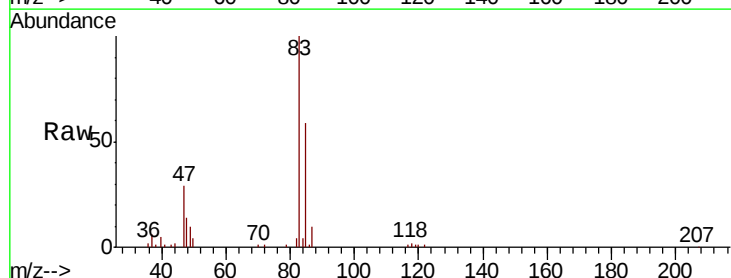


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

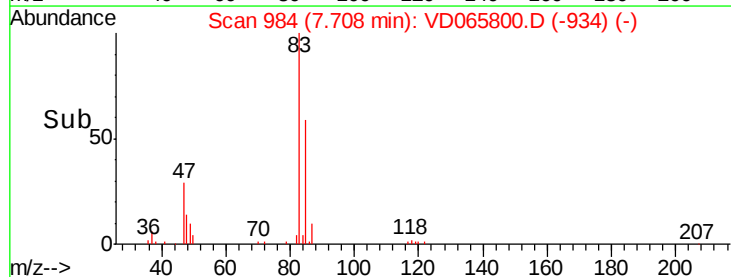
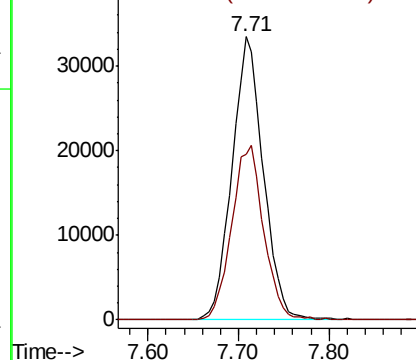


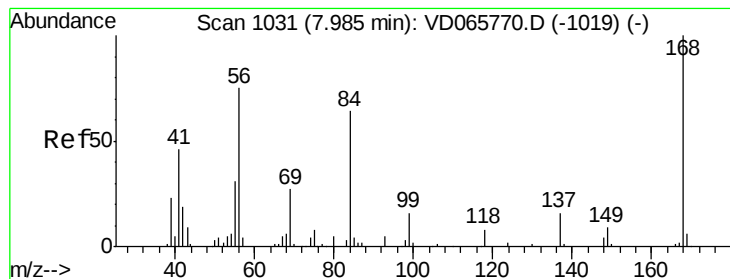
#30
Chloroform
Concen: 20.526 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

Tgt Ion: 83 Resp: 80031
Ion Ratio Lower Upper
83 100
85 58.6 51.9 77.9



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





#31

Cyclohexane

Concen: 20.810 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBS01

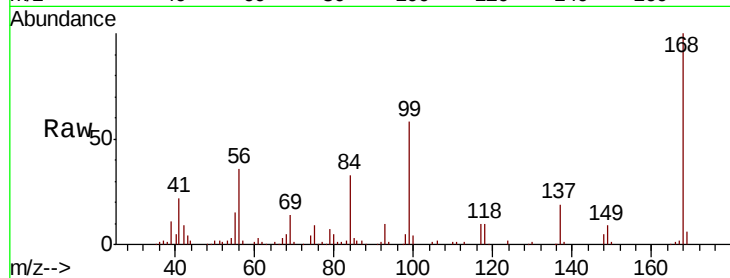
Tot Ion: 56 Resp: 75044

Ion Ratio Lower Upper

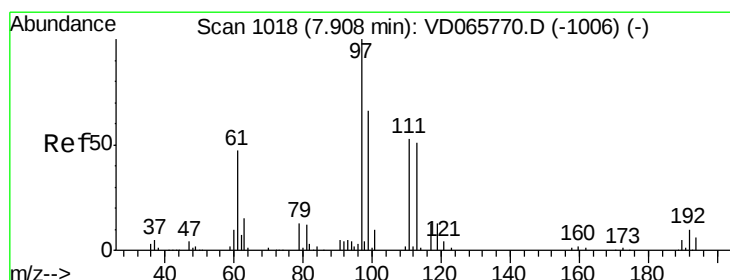
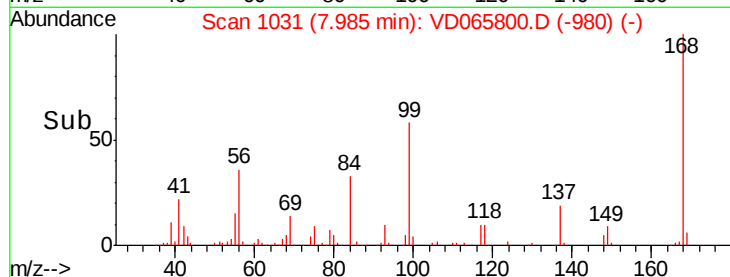
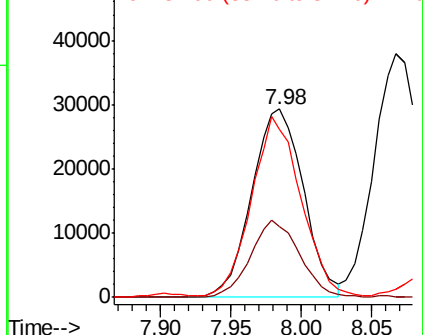
56 100

69 37.7 28.5 42.7

84 88.6 68.4 102.6



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



#32

1,1,1-Trichloroethane

Concen: 20.956 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

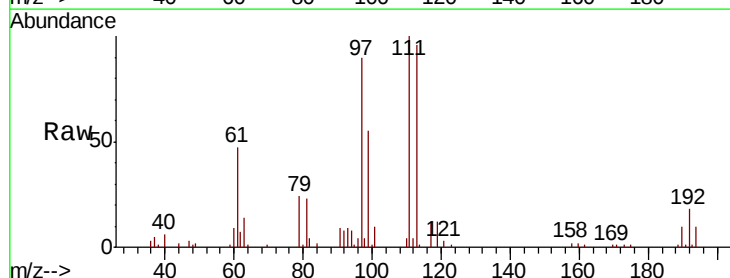
Tgt Ion: 97 Resp: 75129

Ion Ratio Lower Upper

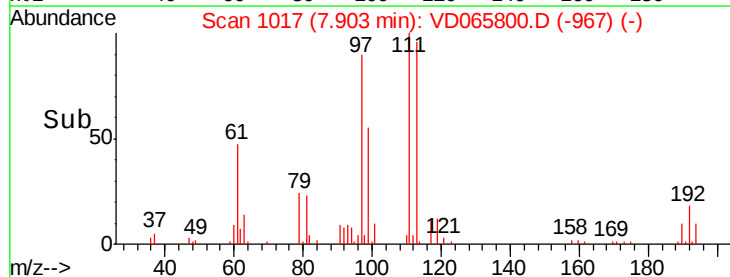
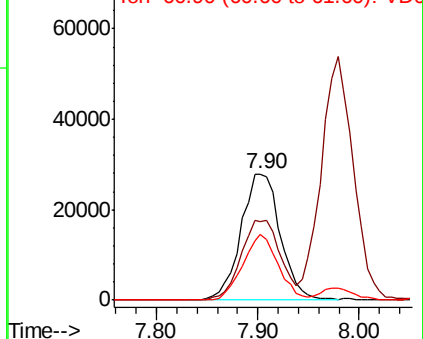
97 100

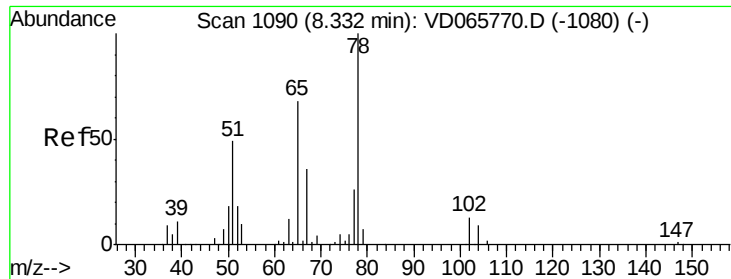
99 63.3 49.2 73.8

61 46.7 36.0 54.0



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 48.856 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

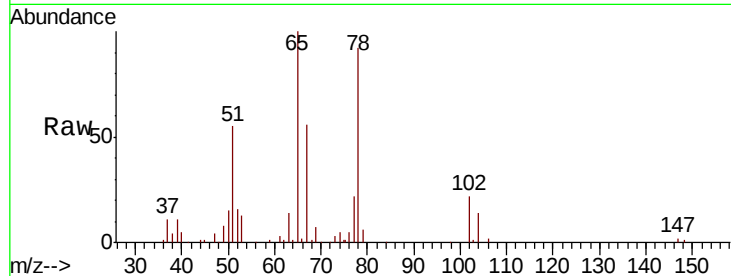
VD0618SBS01

Tot Ion: 65 Resp: 98240

Ion Ratio Lower Upper

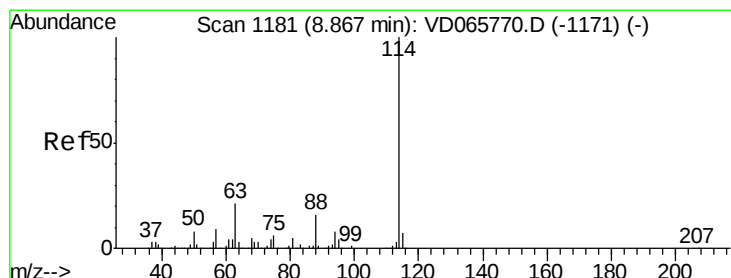
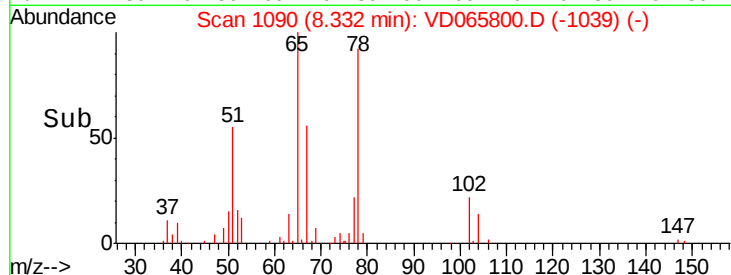
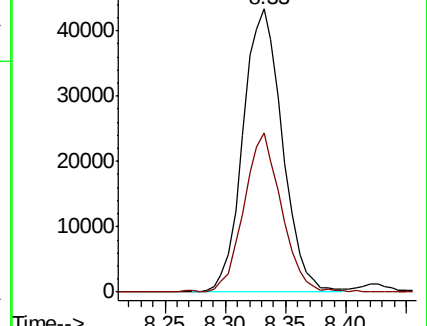
65 100

67 53.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

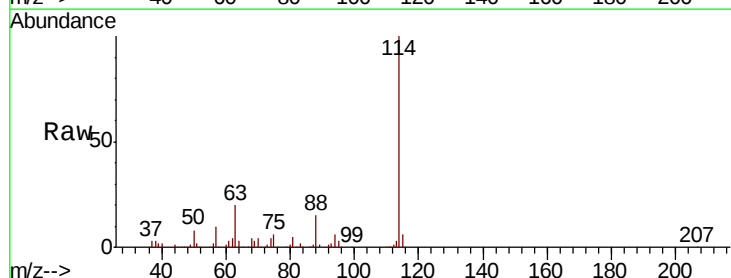
Tgt Ion: 114 Resp: 322974

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.8

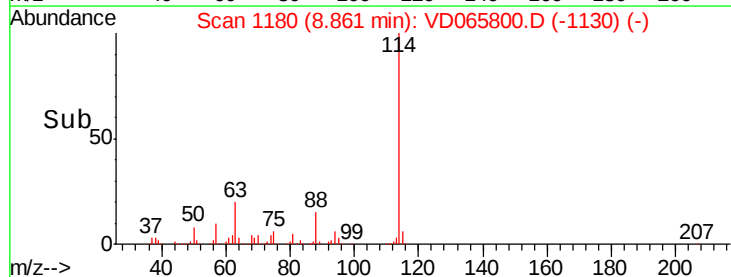
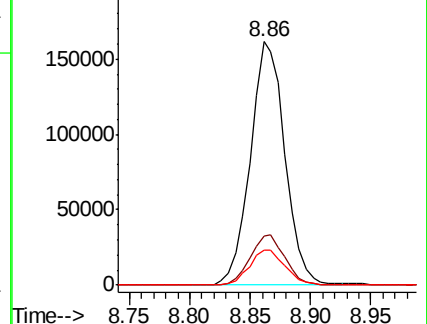
88 14.5 0.0 32.0

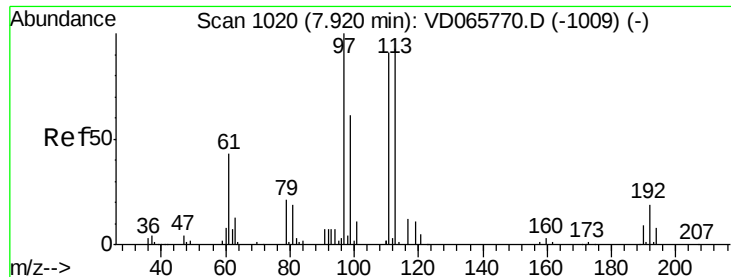


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

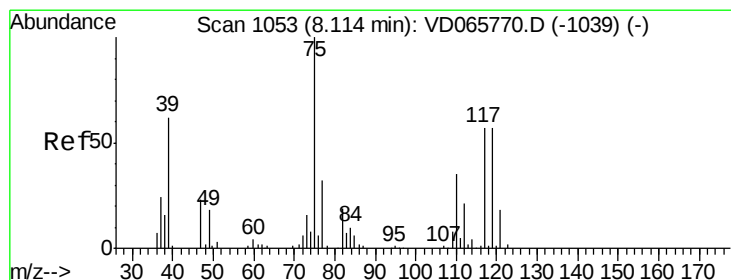
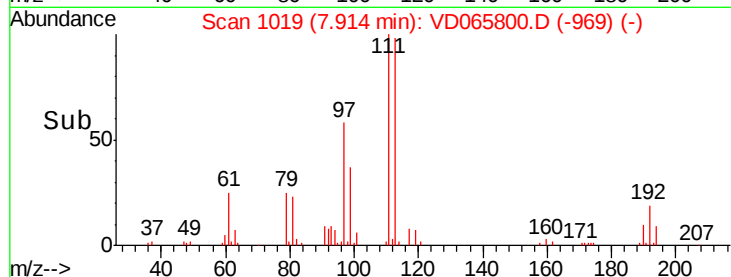
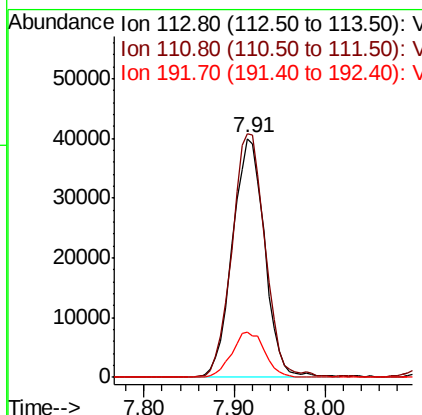
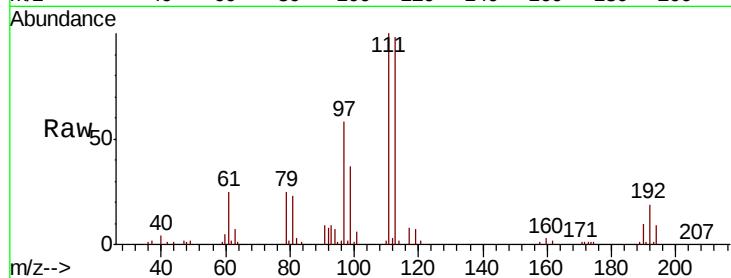




#35
 Dibromofluoromethane
 Concen: 48.288 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065800.D
 Acq: 18 Jun 2020 11:37

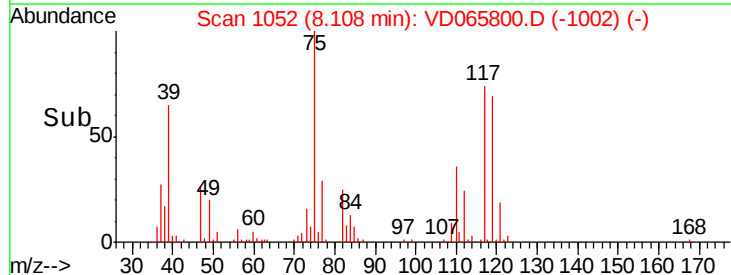
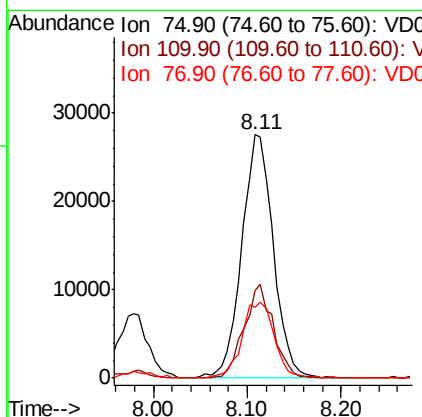
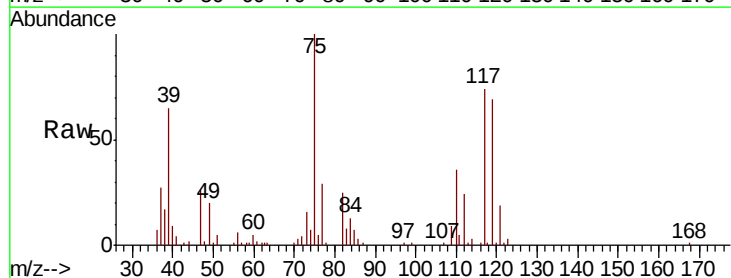
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBS01

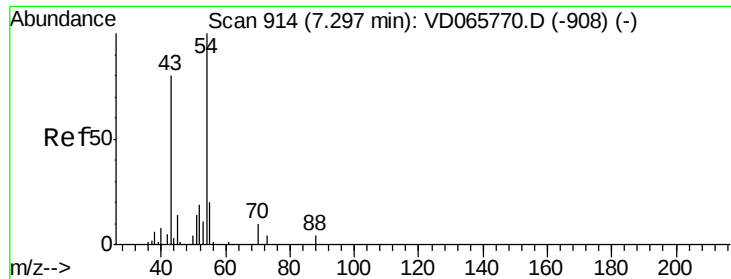
Tot Ion:113 Resp: 98513
 Ion Ratio Lower Upper
 113 100
 111 104.9 83.4 125.0
 192 19.3 15.7 23.5



#36
 1,1-Dichloropropene
 Concen: 20.710 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD065800.D
 Acq: 18 Jun 2020 11:37

Tgt Ion: 75 Resp: 64073
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.6 52.8
 77 31.9 25.1 37.7

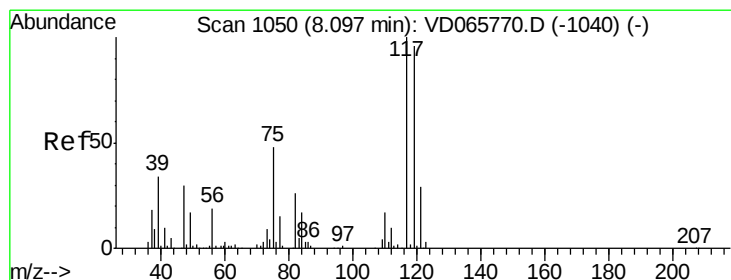
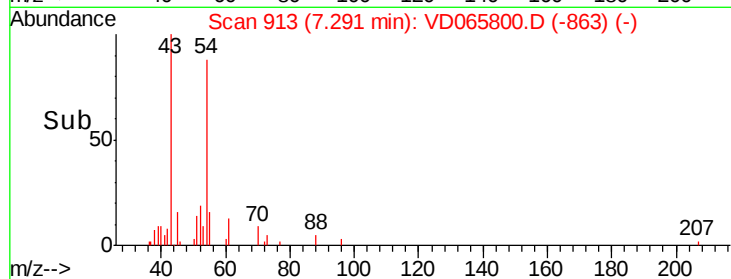
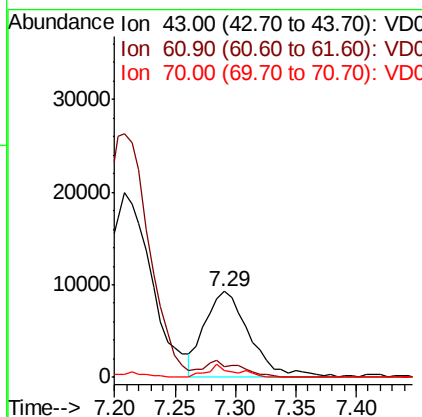
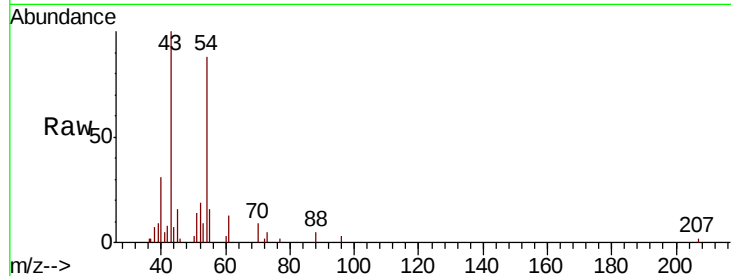




#37
Ethyl Acetate
Concen: 19.688 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

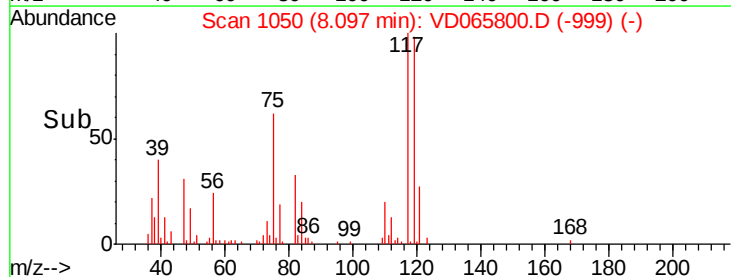
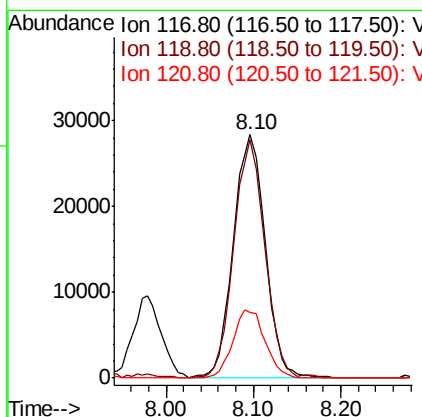
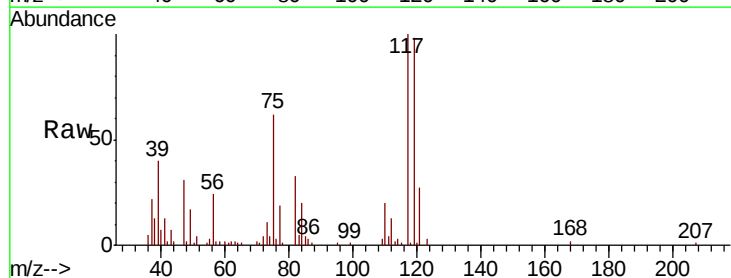
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

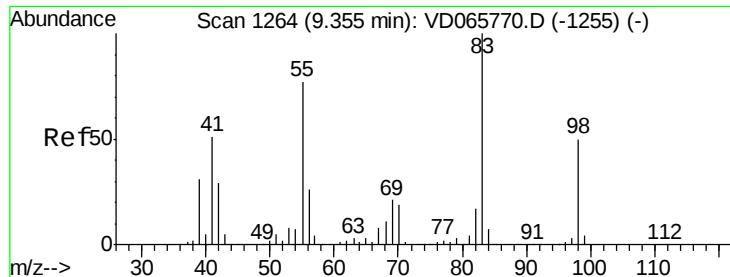
Tot Ion: 43 Resp: 23992
Ion Ratio Lower Upper
43 100
61 14.0 10.6 15.8
70 9.1 7.5 11.3



#38
Carbon Tetrachloride
Concen: 21.557 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

Tgt Ion: 117 Resp: 70190
Ion Ratio Lower Upper
117 100
119 97.8 76.8 115.2
121 26.7 23.4 35.2

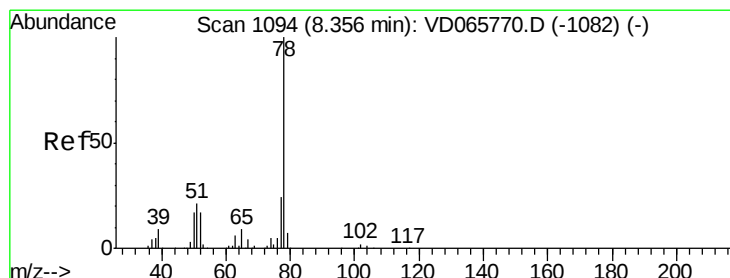
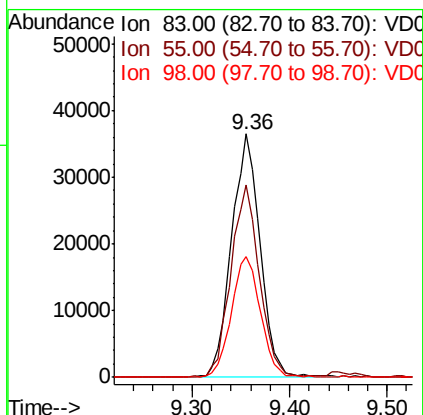
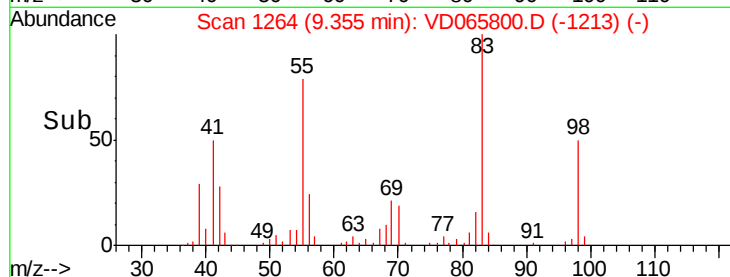
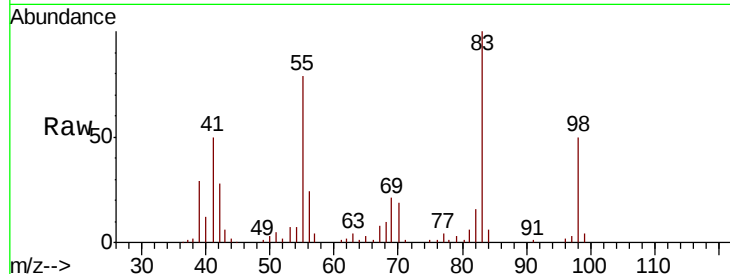




#39
Methvlcvclohexane
Concen: 20.368 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

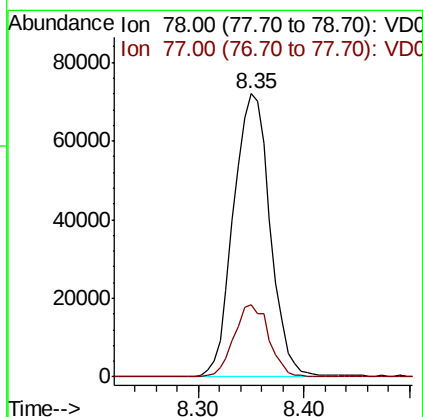
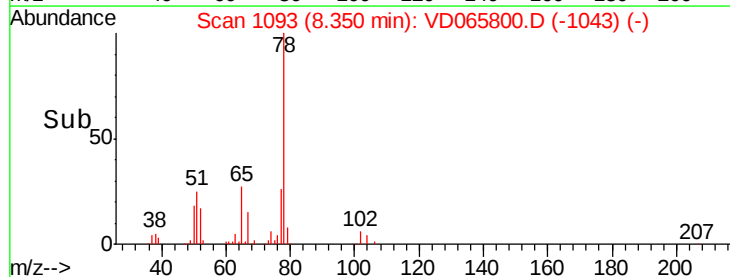
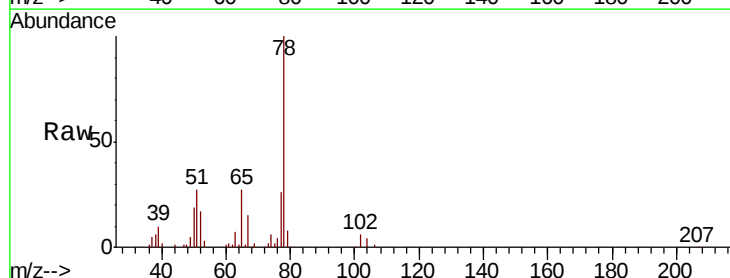
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

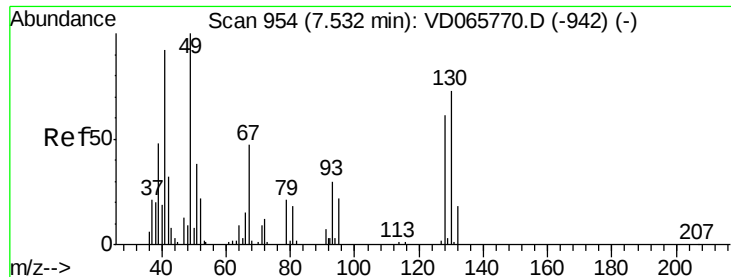
Tot Ion: 83 Resp: 74610
Ion Ratio Lower Upper
83 100
55 78.8 61.6 92.4
98 49.5 40.2 60.2



#40
Benzene
Concen: 20.490 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

Tgt Ion: 78 Resp: 173308
Ion Ratio Lower Upper
78 100
77 25.5 19.2 28.8





#41

Methacrylonitrile

Concen: 19.269 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBS01

Tot Ion: 41 Resp: 13982

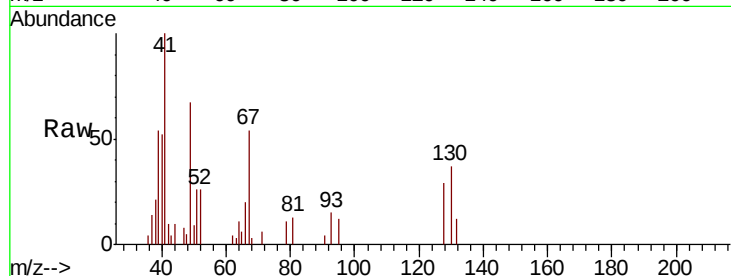
Ion Ratio Lower Upper

41 100

39 0.0 38.3 57.5#

67 69.0 49.8 74.6

52 30.5 21.7 32.5

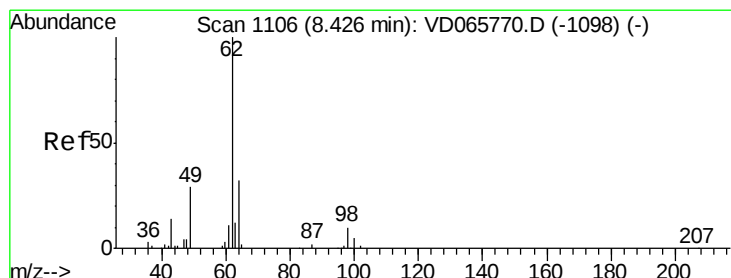
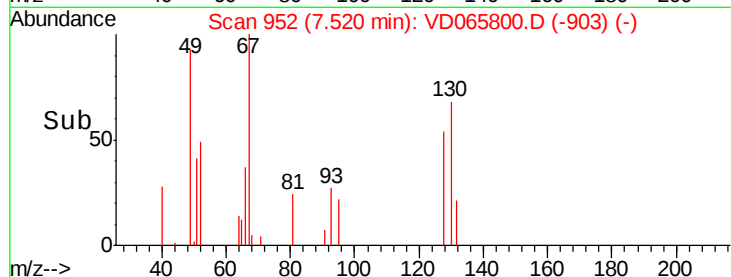
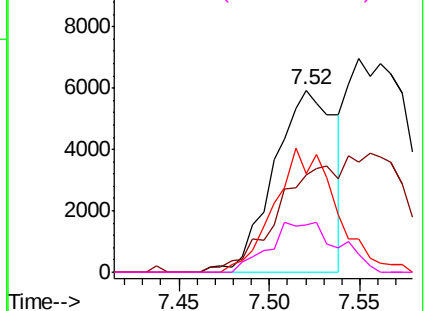


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 19.793 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VD065800.D

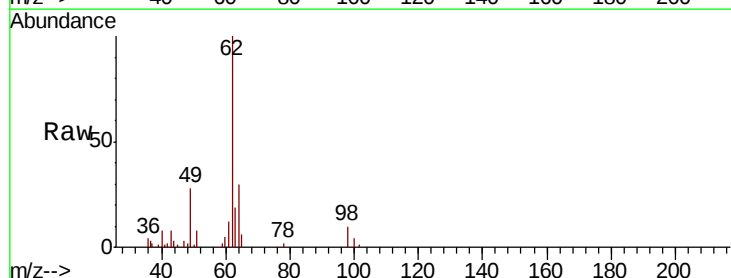
Acq: 18 Jun 2020 11:37

Tgt Ion: 62 Resp: 50513

Ion Ratio Lower Upper

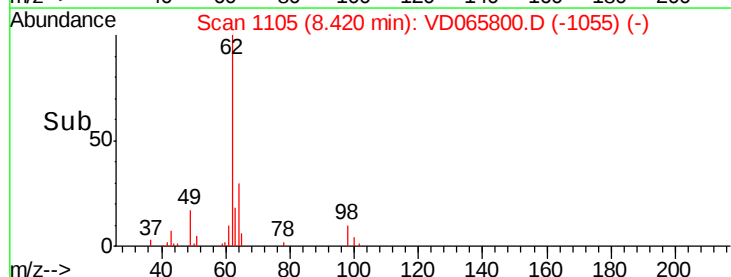
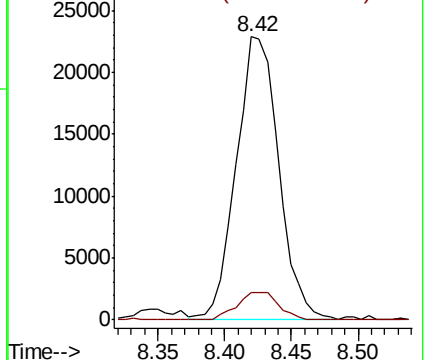
62 100

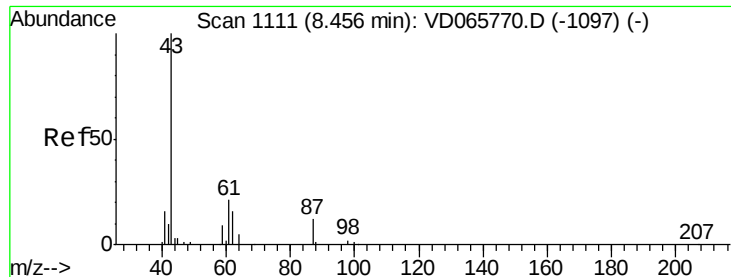
98 9.4 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.071 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBS01

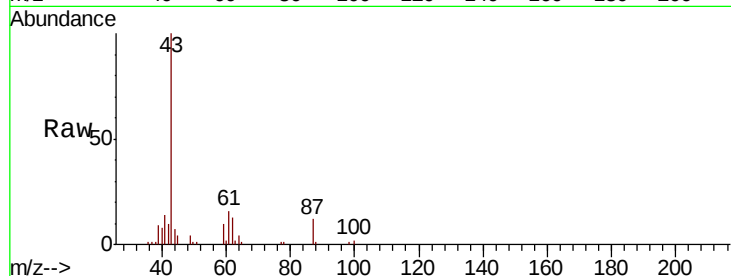
Tot Ion: 43 Resp: 46214

Ion Ratio Lower Upper

43 100

61 29.4 24.2 36.4

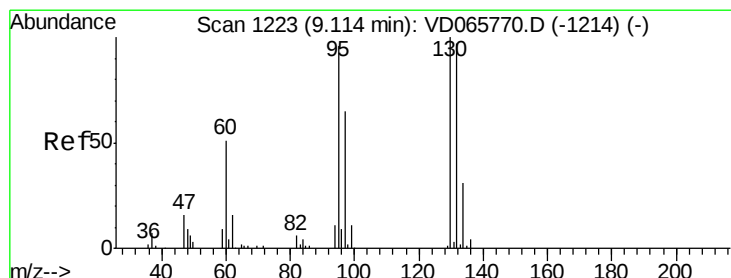
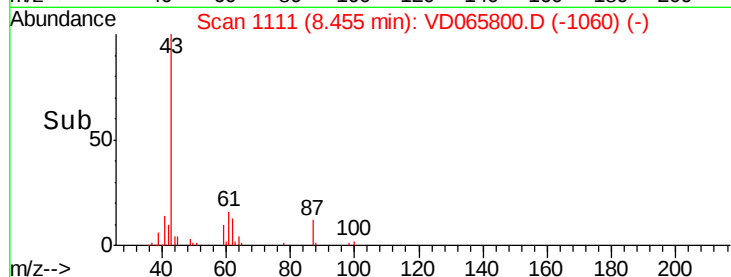
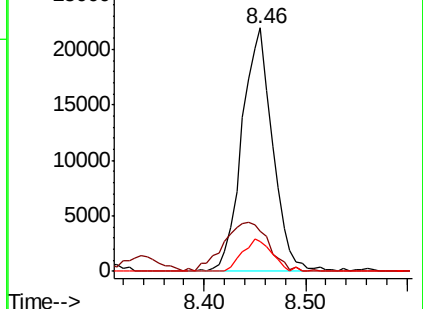
87 12.8 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 19.976 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VD065800.D

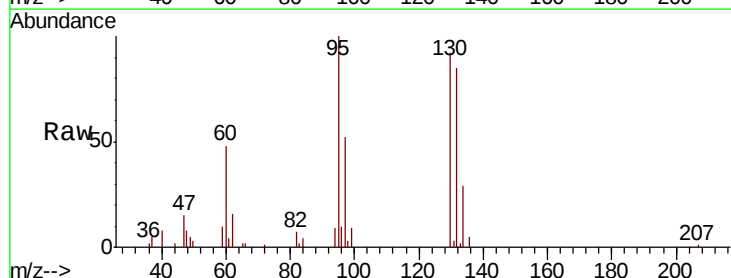
Acq: 18 Jun 2020 11:37

Tgt Ion: 130 Resp: 47019

Ion Ratio Lower Upper

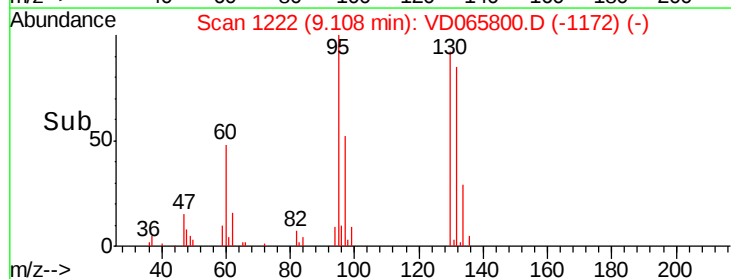
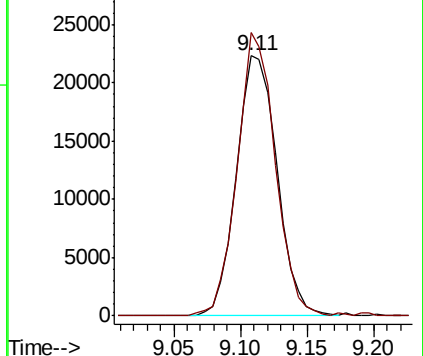
130 100

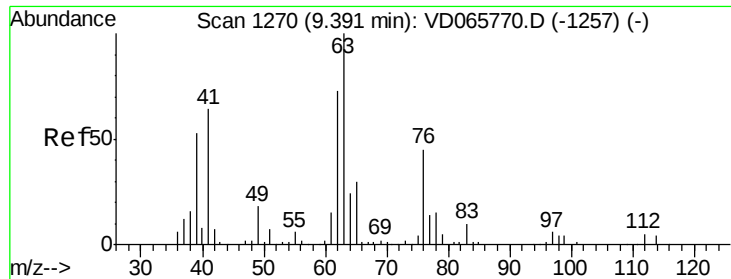
95 108.9 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.192 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

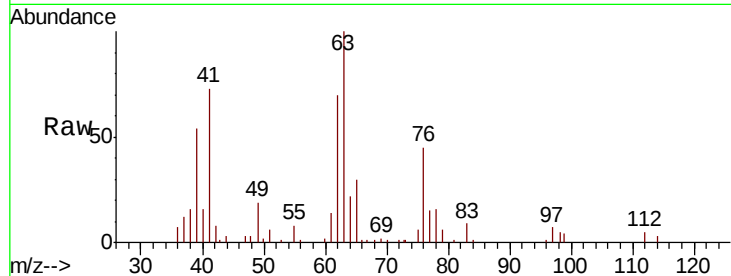
VD0618SBS01

Tot Ion: 63 Resp: 42912

Ion Ratio Lower Upper

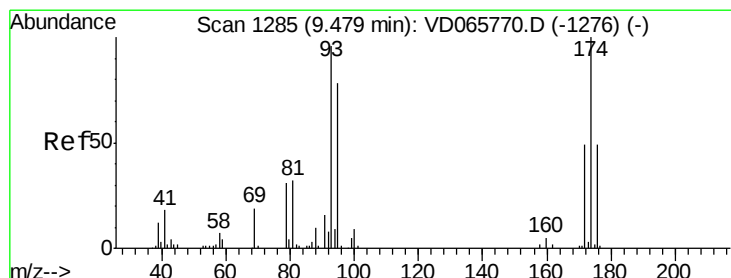
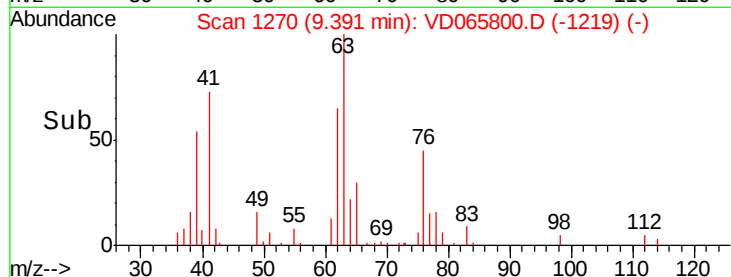
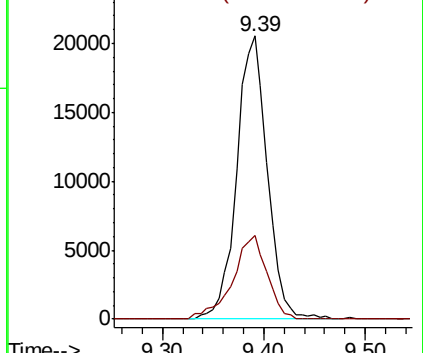
63 100

65 29.7 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 19.731 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

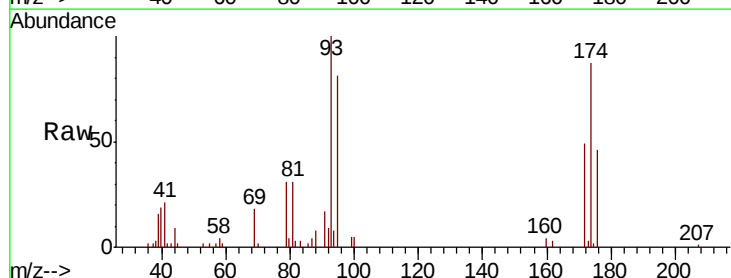
Tgt Ion: 93 Resp: 22742

Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.6

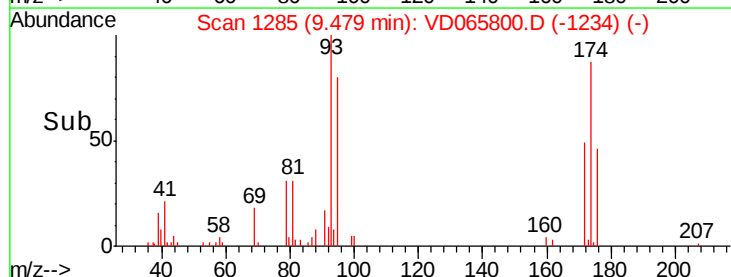
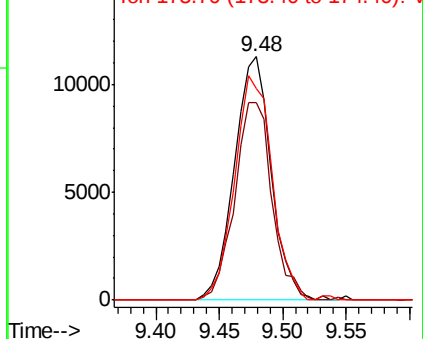
174 93.7 80.9 121.3

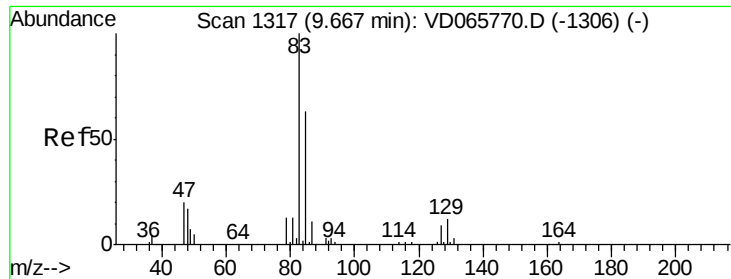


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC

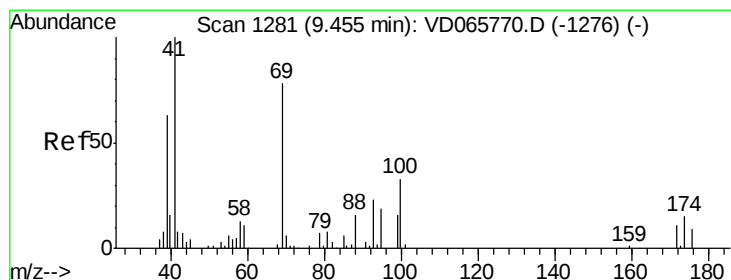
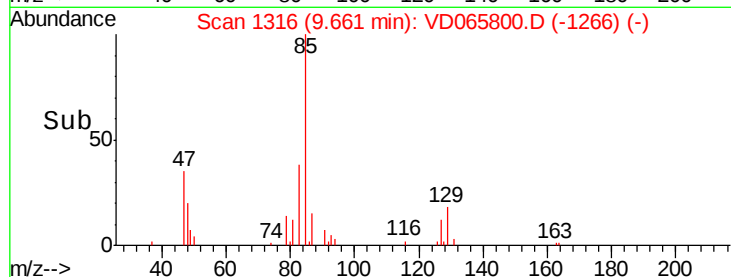
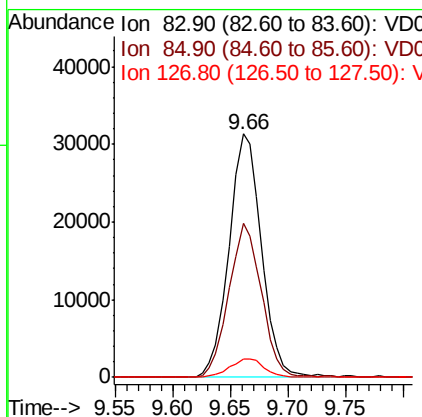
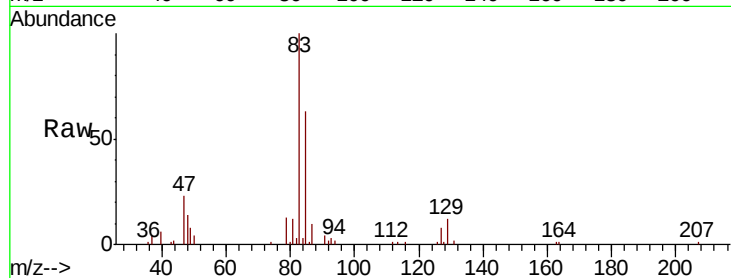




#47
Bromodichloromethane
Concen: 19.787 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

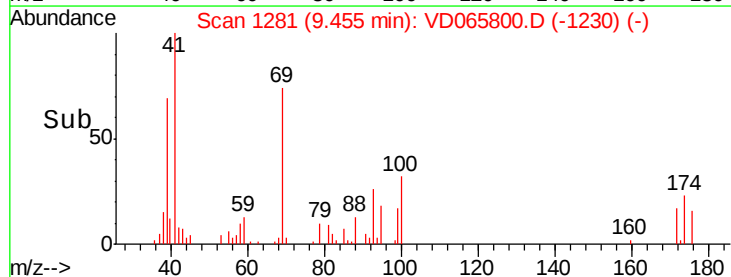
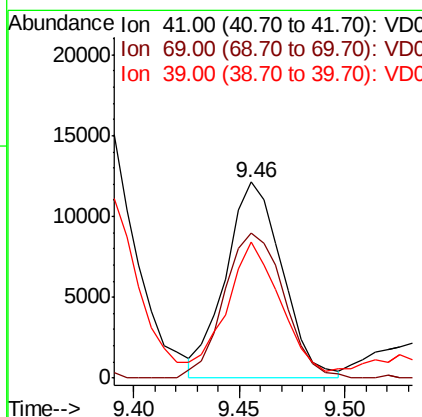
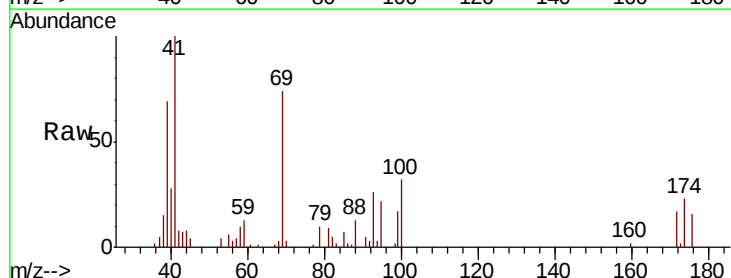
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

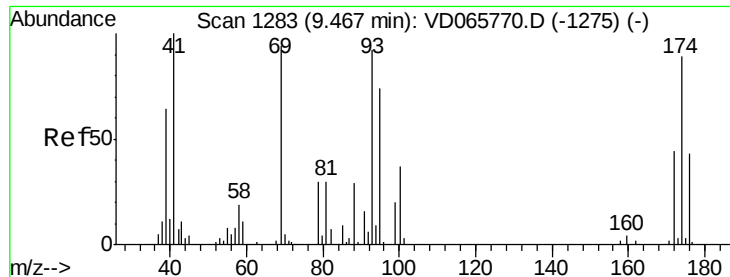
Tot Ion: 83 Resp: 61115
Ion Ratio Lower Upper
83 100
85 63.3 50.7 76.1
127 7.8 7.1 10.7



#48
Methyl methacrylate
Concen: 19.182 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

Tgt Ion: 41 Resp: 22500
Ion Ratio Lower Upper
41 100
69 78.3 60.9 91.3
39 60.1 48.1 72.1





#49

1,4-Dioxane

Concen: 381.067 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBS01

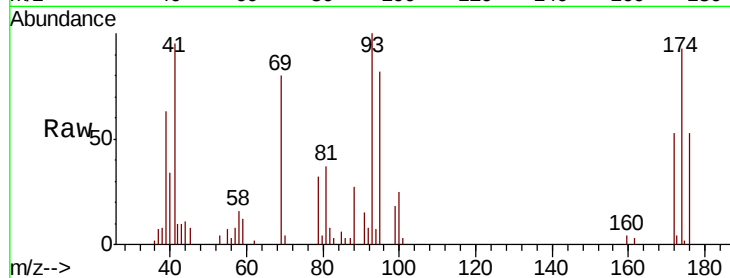
Tot Ion: 88 Resp: 4675

Ion Ratio Lower Upper

88 100

43 39.0 32.2 48.4

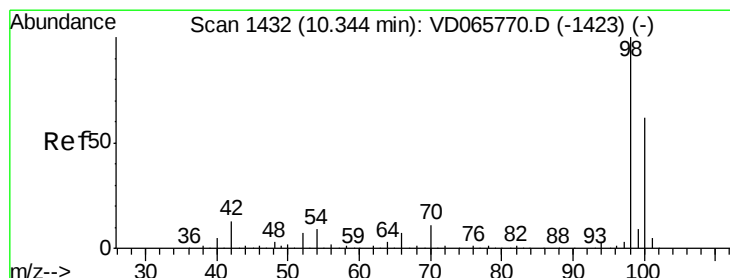
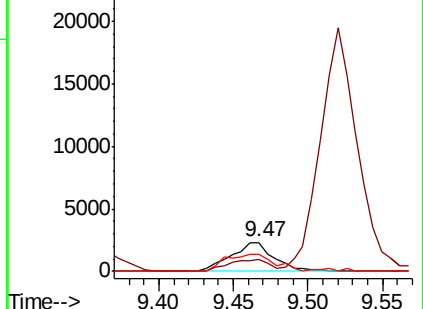
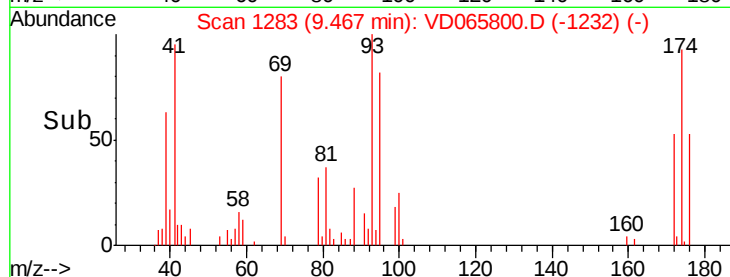
58 66.0 54.9 82.3



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 51.099 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD065800.D

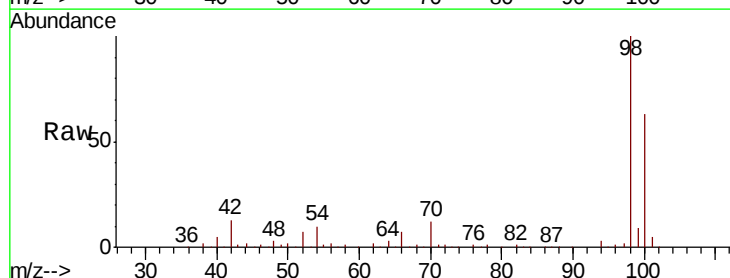
Acq: 18 Jun 2020 11:37

Tgt Ion: 98 Resp: 388726

Ion Ratio Lower Upper

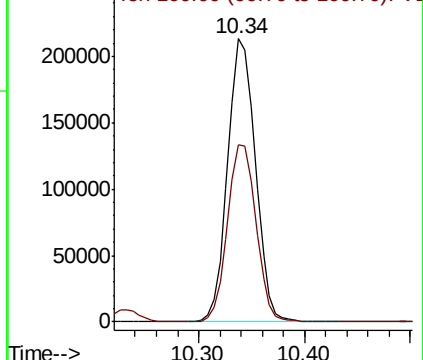
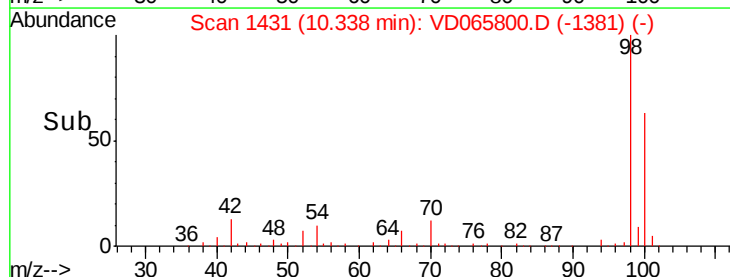
98 100

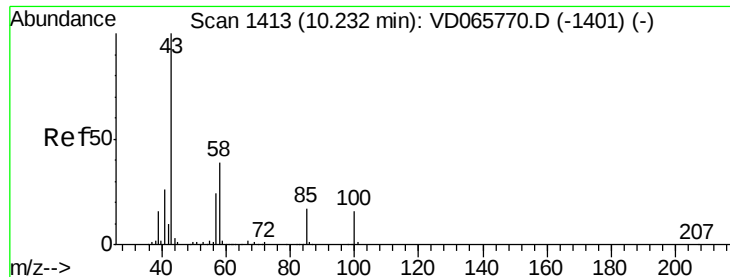
100 64.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 94.511 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

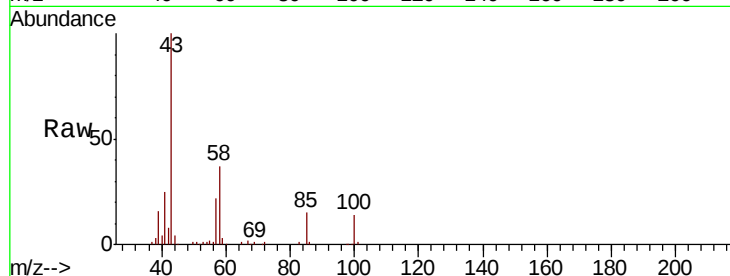
VD0618SBS01

Tot Ion: 43 Resp: 112225

Ion Ratio Lower Upper

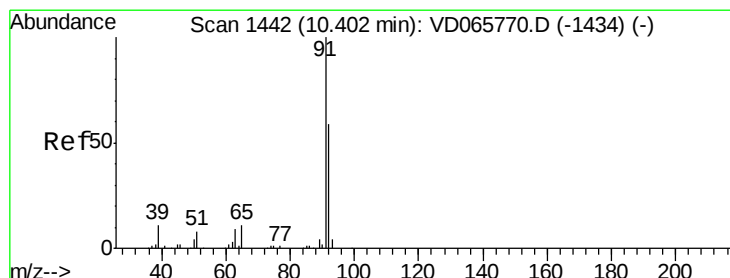
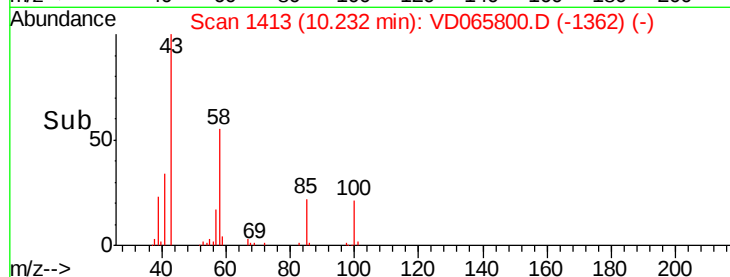
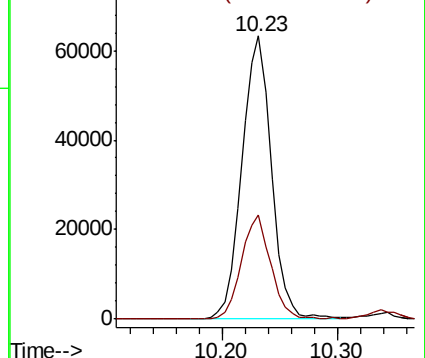
43 100

58 36.5 30.7 46.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 20.685 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD065800.D

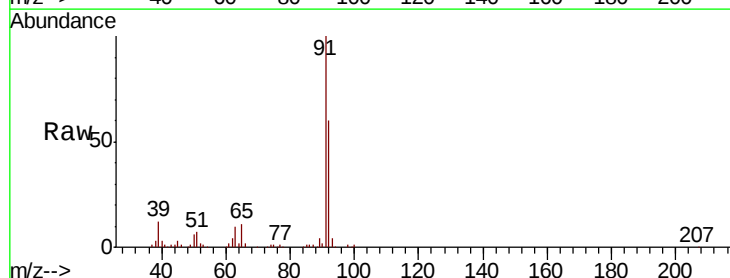
Acq: 18 Jun 2020 11:37

Tgt Ion: 92 Resp: 113677

Ion Ratio Lower Upper

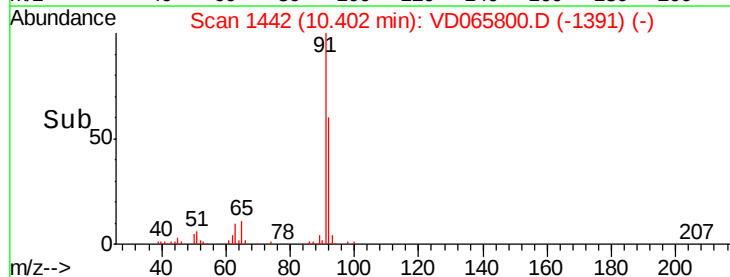
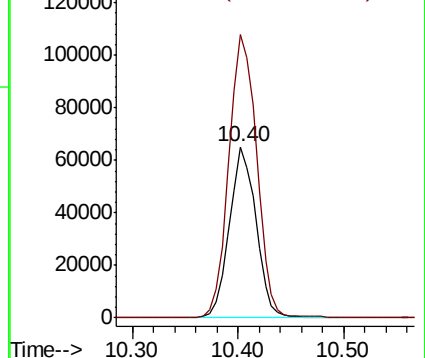
92 100

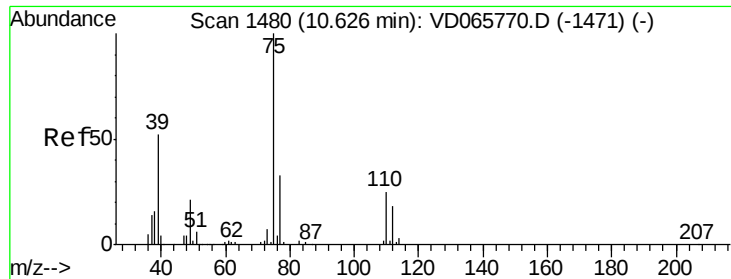
91 173.8 137.8 206.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 19.758 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

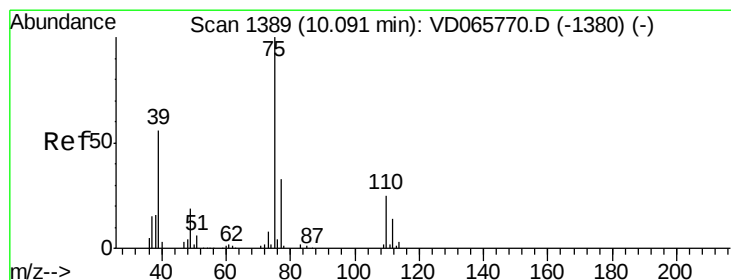
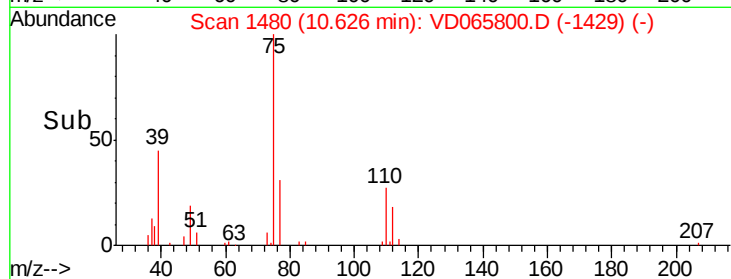
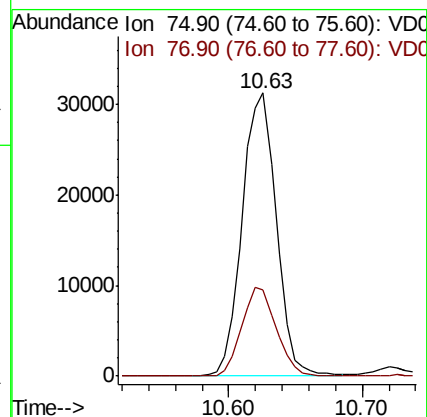
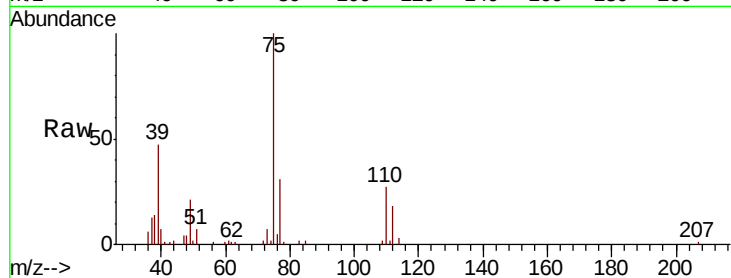
VD0618SBS01

Tot Ion: 75 Resp: 55261

Ion Ratio Lower Upper

75 100

77 30.7 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 20.107 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

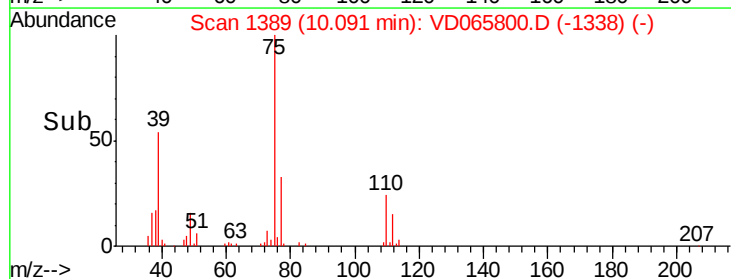
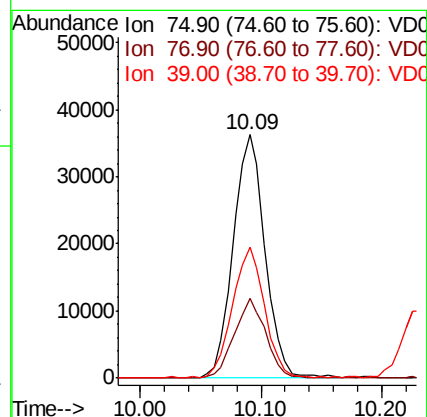
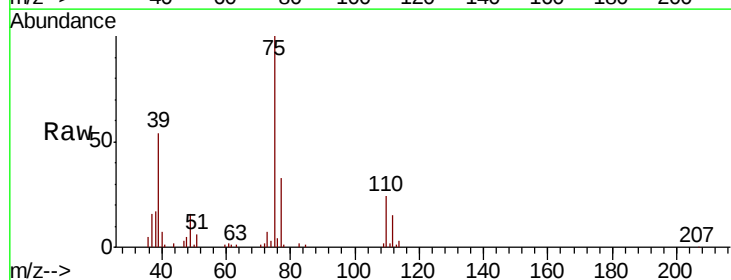
Tgt Ion: 75 Resp: 66419

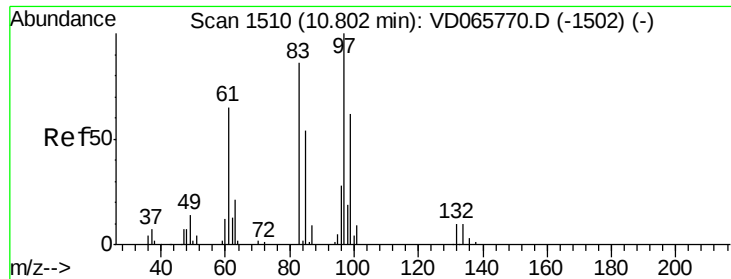
Ion Ratio Lower Upper

75 100

77 33.0 26.0 39.0

39 53.6 45.0 67.6





#55

1,1,2-Trichloroethane

Concen: 19.783 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBS01

Tot Ion: 97 Resp: 30467

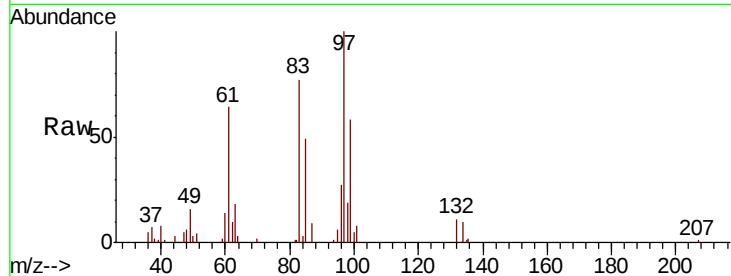
Ion	Ratio	Lower	Upper
97	100		
83	76.6	68.7	103.1
85	49.3	43.0	64.6
99	58.2	49.8	74.6

97 100

83 76.6 68.7 103.1

85 49.3 43.0 64.6

99 58.2 49.8 74.6



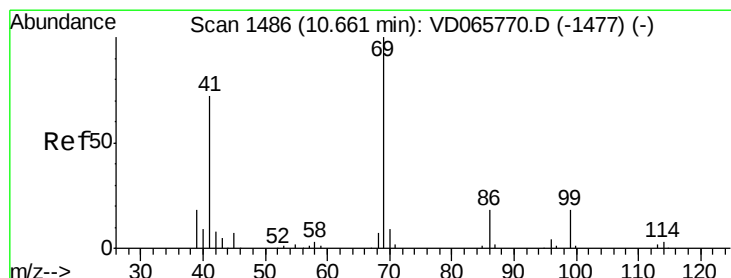
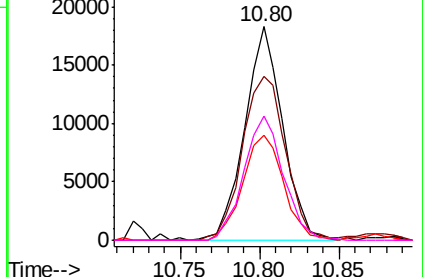
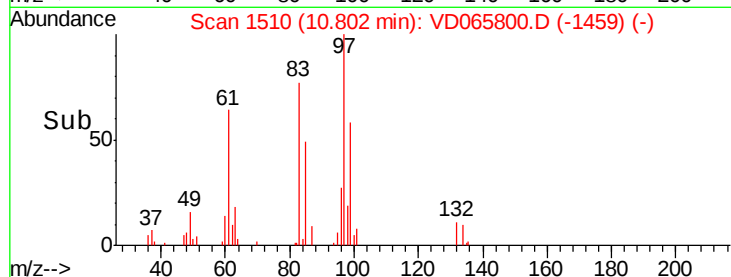
Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

Time-->



#56

Ethyl methacrylate

Concen: 18.527 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

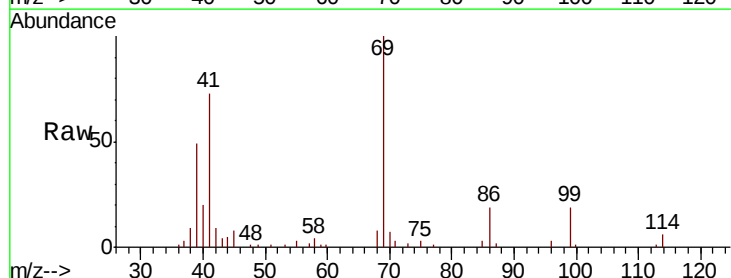
Tgt Ion: 69 Resp: 33560

Ion	Ratio	Lower	Upper
69	100		
41	73.6	56.9	85.3
39	40.4	36.0	54.0

69 100

41 73.6 56.9 85.3

39 40.4 36.0 54.0

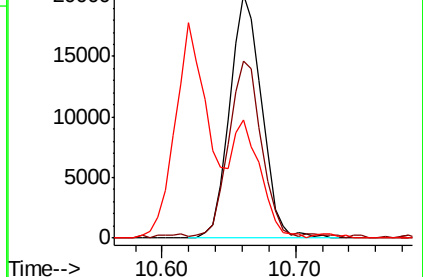
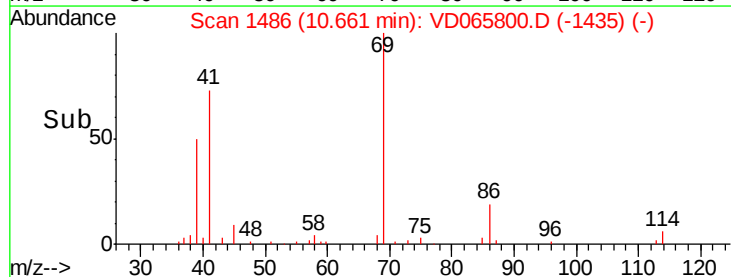


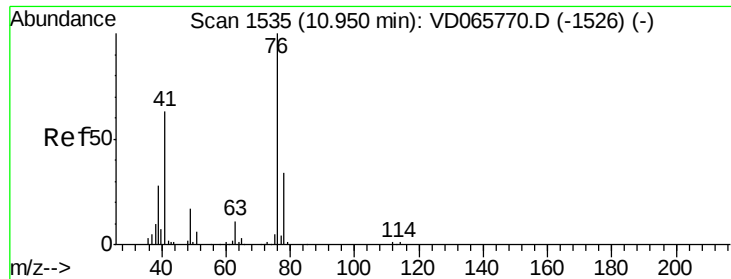
Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Time-->

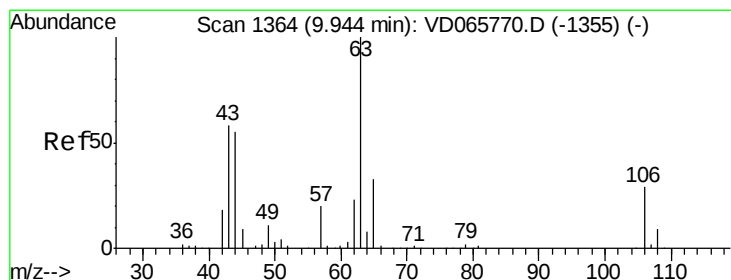
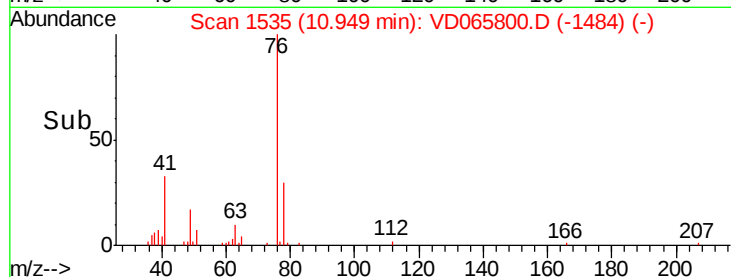
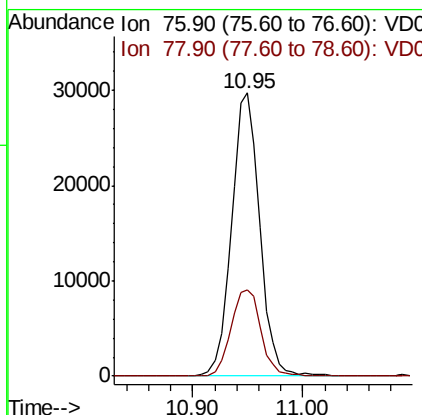
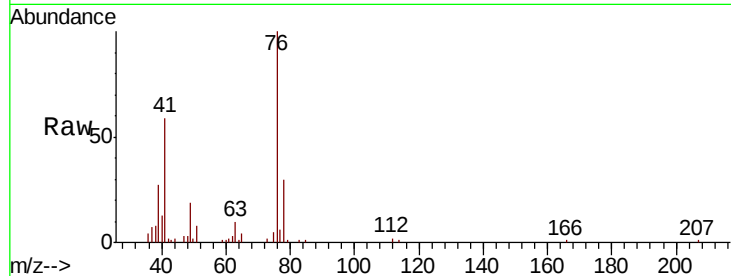




#57
 1,3-Dichloropropane
 Concen: 19.831 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065800.D
 Acq: 18 Jun 2020 11:37

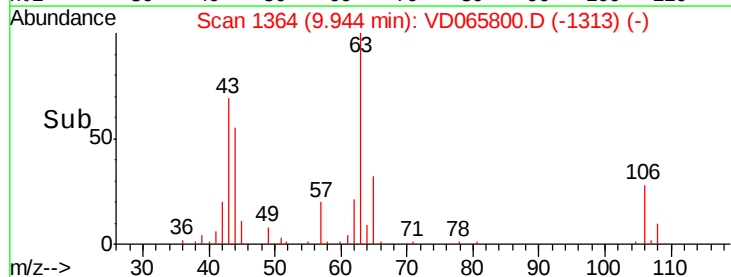
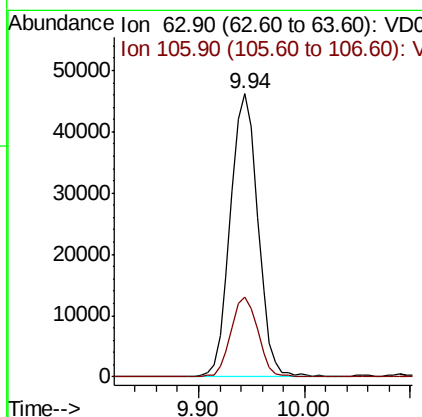
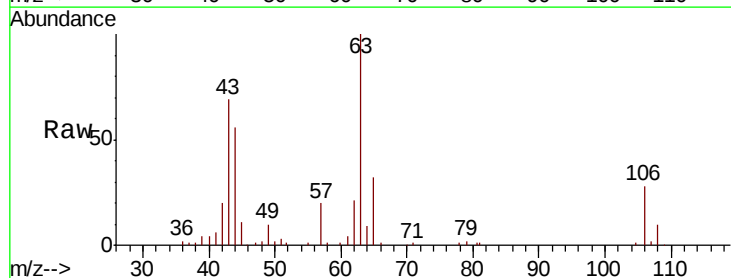
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBS01

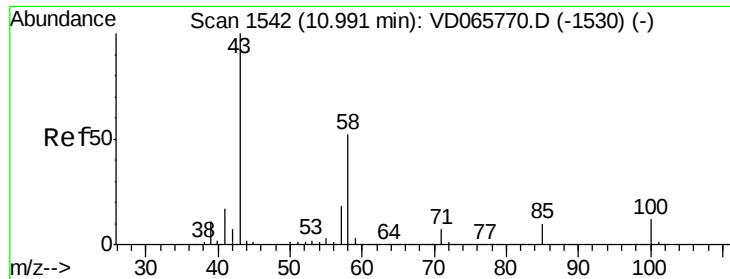
Tot Ion: 76 Resp: 52913
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.119 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065800.D
 Acq: 18 Jun 2020 11:37

Tgt Ion: 63 Resp: 83475
 Ion Ratio Lower Upper
 63 100
 106 27.5 23.2 34.8

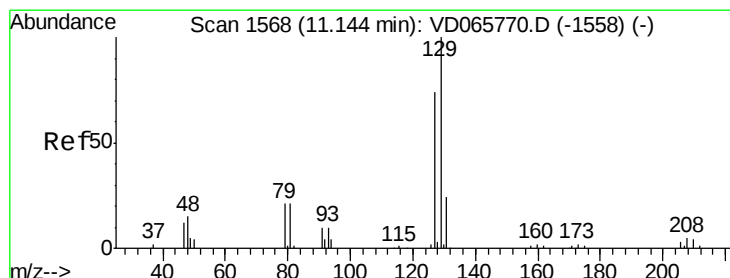
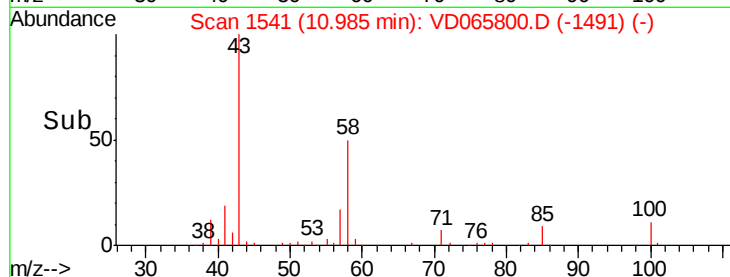
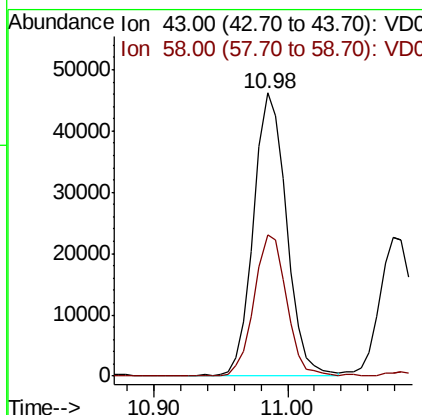
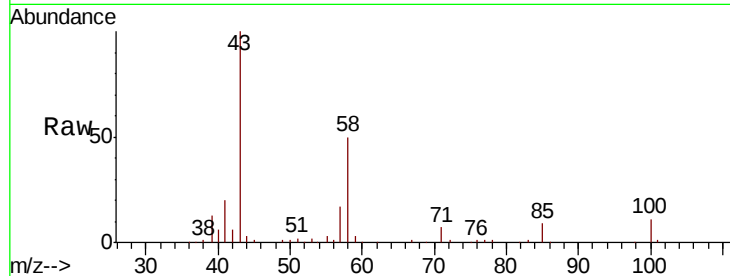




#59
2-Hexanone
Concen: 98.585 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

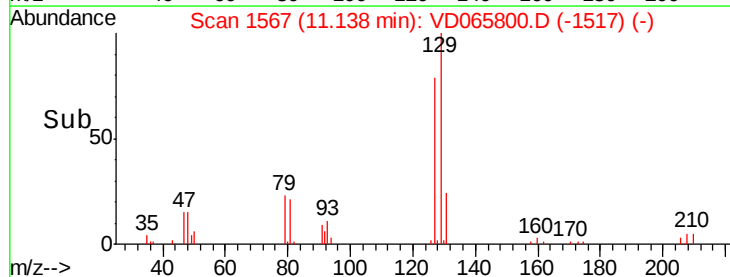
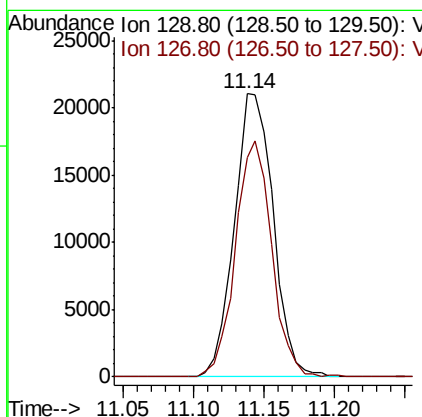
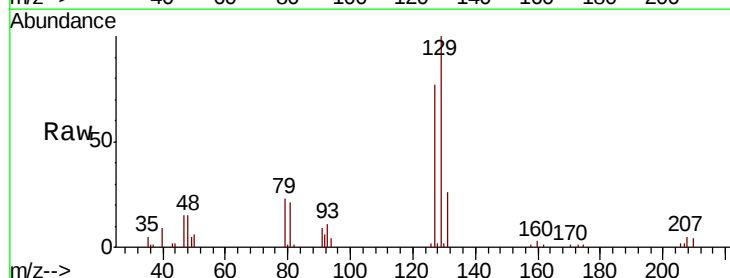
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

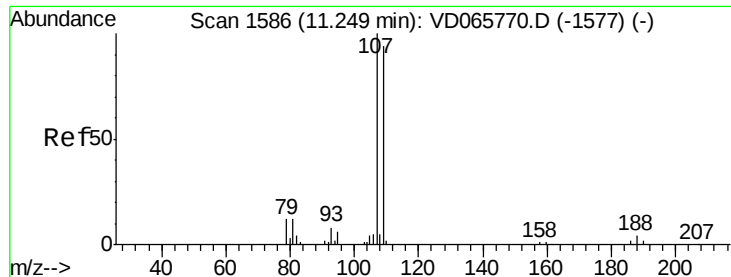
Tot Ion: 43 Resp: 78923
Ion Ratio Lower Upper
43 100
58 49.0 25.7 77.0



#60
Dibromochloromethane
Concen: 19.491 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

Tgt Ion: 129 Resp: 40550
Ion Ratio Lower Upper
129 100
127 77.5 38.0 113.9





#61

1,2-Dibromoethane

Concen: 19.270 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

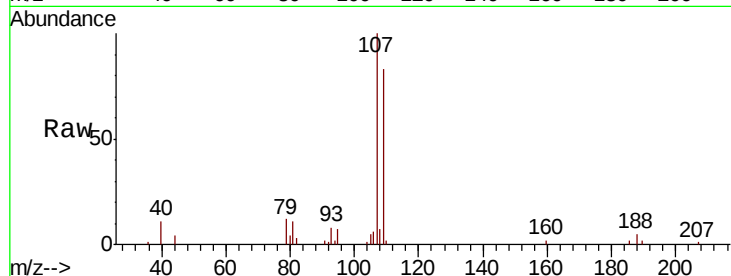
VD0618SBS01

Tot Ion:107 Resp: 29165

Ion Ratio Lower Upper

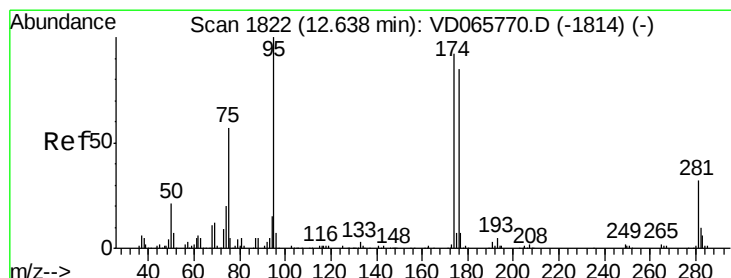
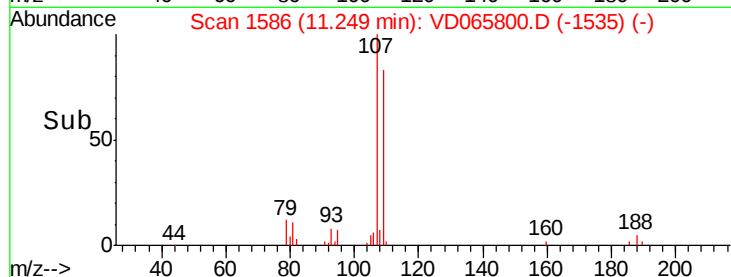
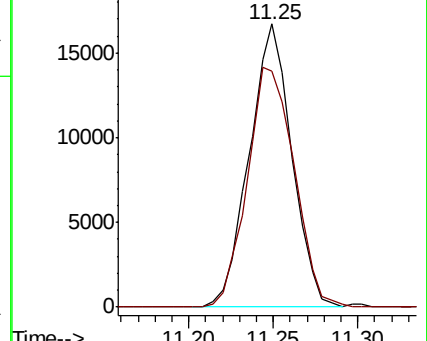
107 100

109 93.5 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.326 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

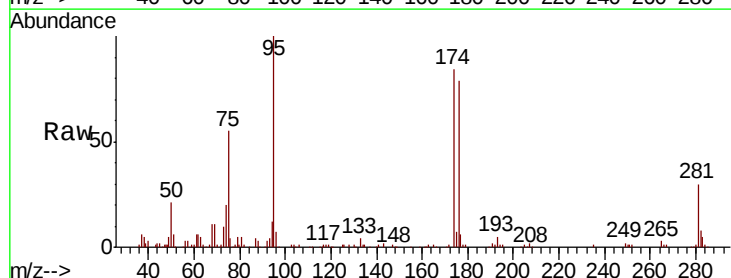
Tgt Ion: 95 Resp: 127255

Ion Ratio Lower Upper

95 100

174 82.8 0.0 175.2

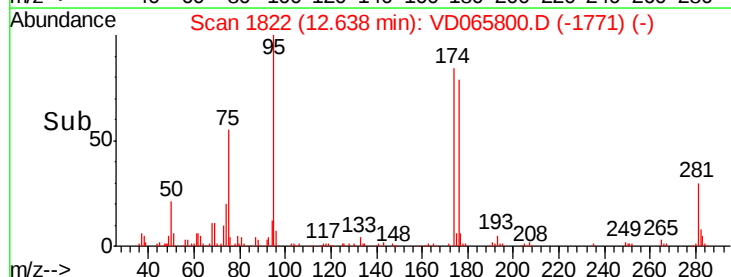
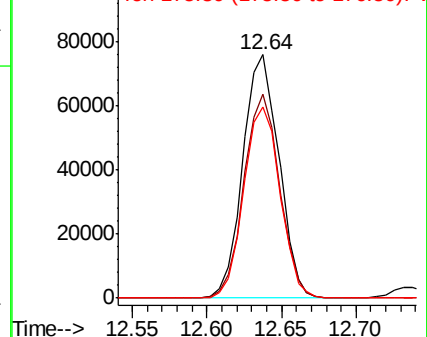
176 78.9 0.0 163.0

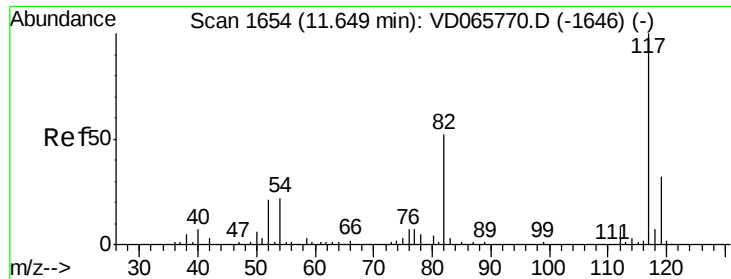


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

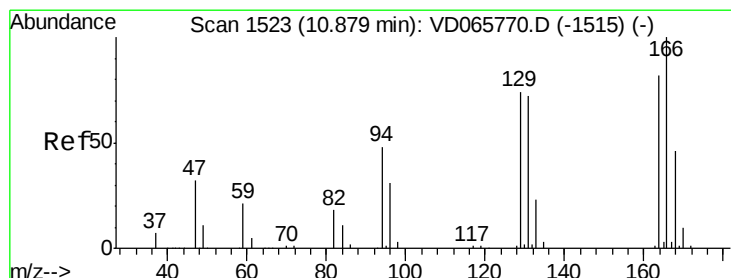
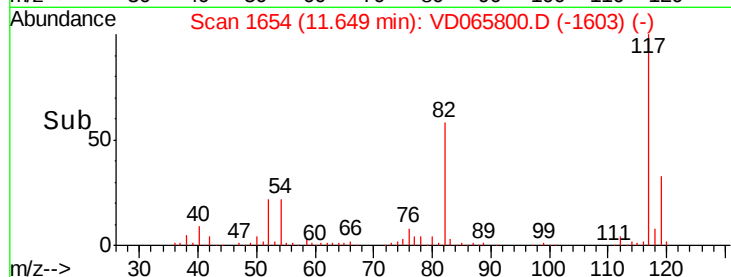
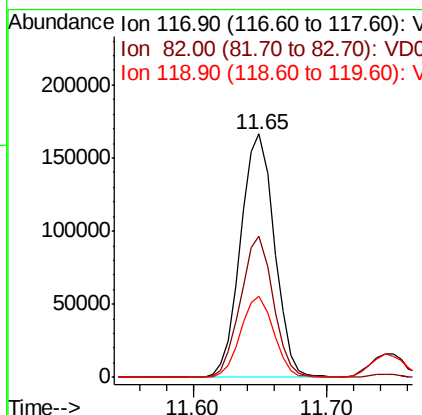
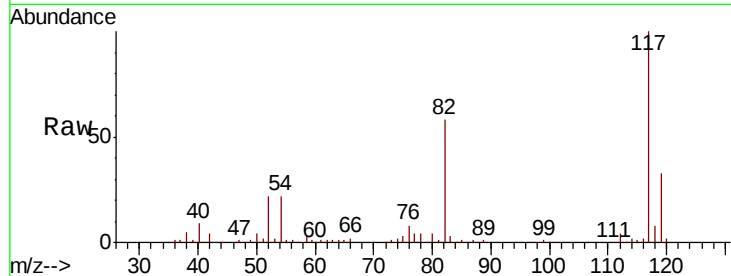




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

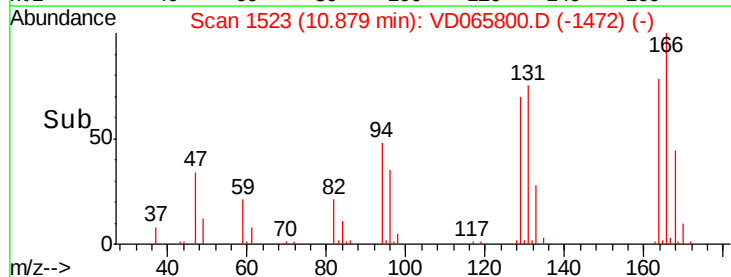
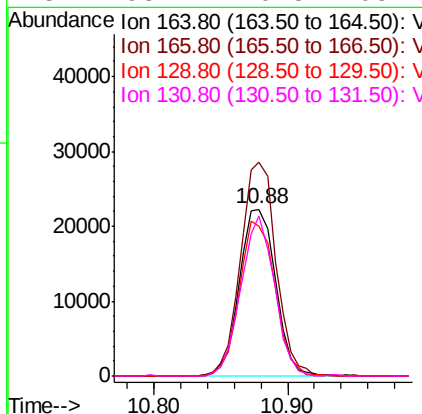
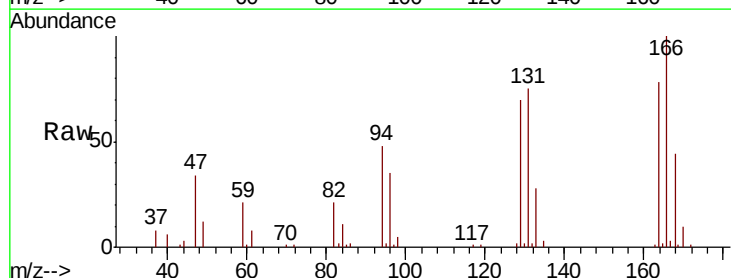
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

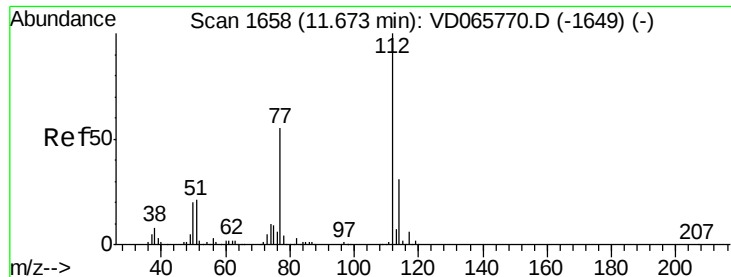
Tot Ion:117 Resp: 291692
Ion Ratio Lower Upper
117 100
82 58.0 41.9 62.9
119 33.4 25.3 37.9



#64
Tetrachloroethene
Concen: 21.215 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

Tgt Ion:164 Resp: 41845
Ion Ratio Lower Upper
164 100
166 128.3 98.2 147.2
129 90.3 72.3 108.5
131 95.7 70.5 105.7

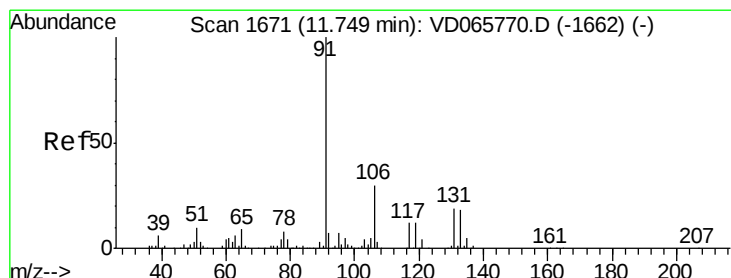
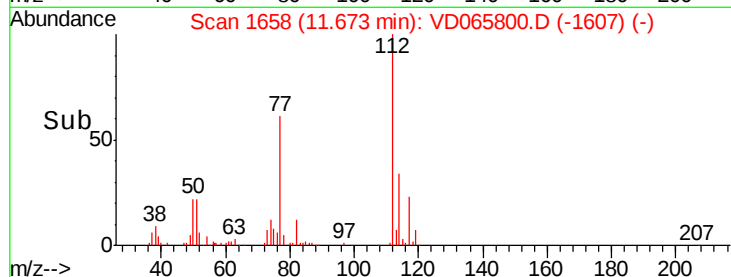
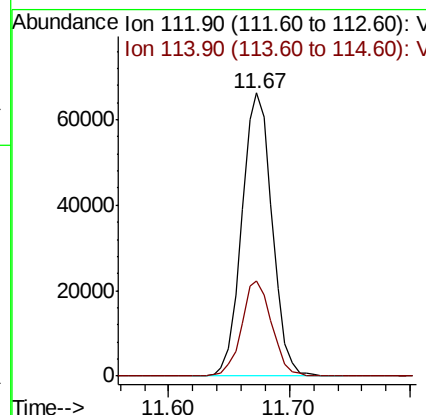
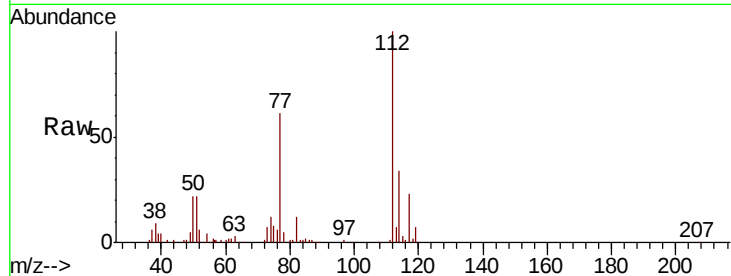




#65
Chlorobenzene
Concen: 20.272 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

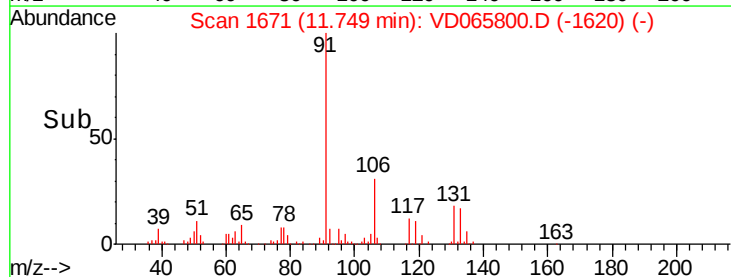
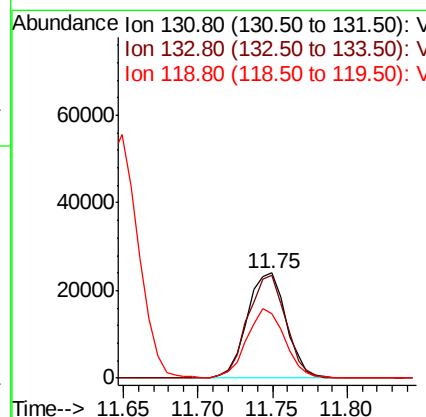
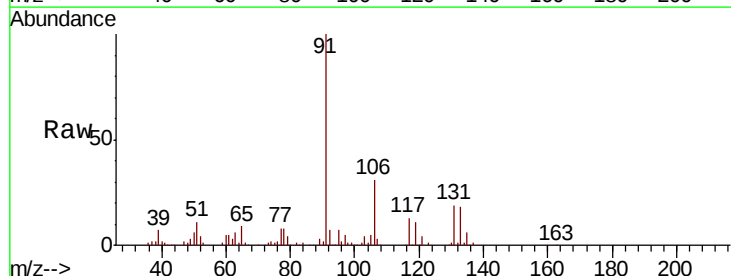
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

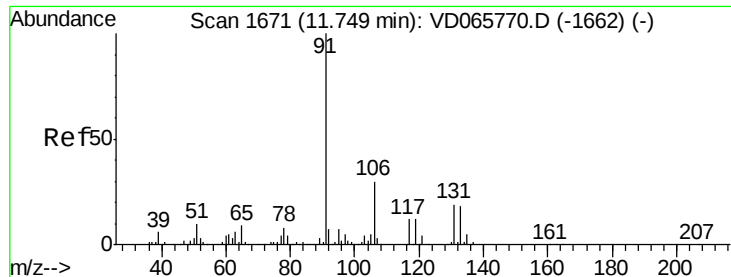
Tot Ion:112 Resp: 115441
Ion Ratio Lower Upper
112 100
114 33.8 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.465 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

Tgt Ion:131 Resp: 43441
Ion Ratio Lower Upper
131 100
133 96.6 47.3 141.9
119 64.1 31.6 94.8





#67

Ethyl Benzene

Concen: 20.759 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

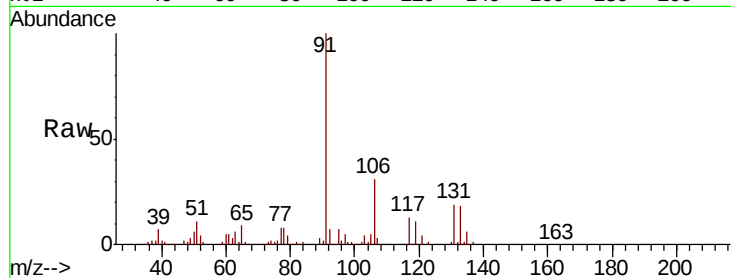
VD0618SBS01

Tot Ion: 91 Resp: 211179

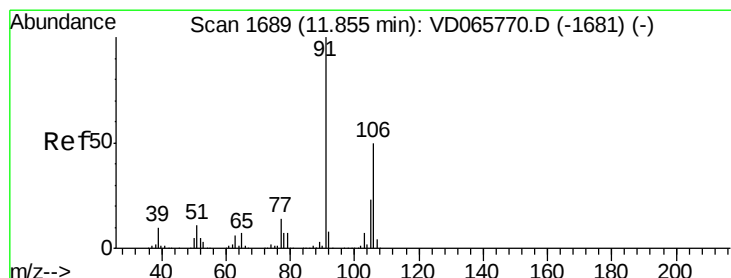
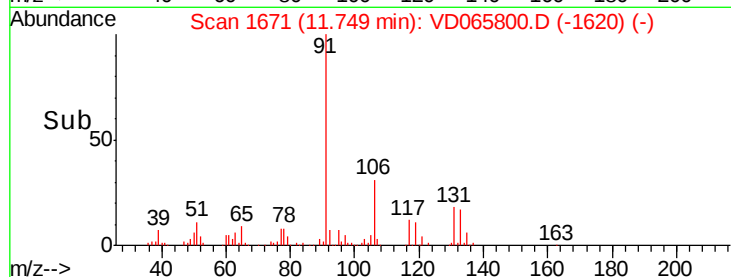
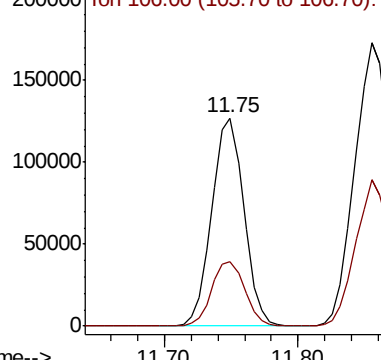
Ion Ratio Lower Upper

91 100

106 31.1 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 41.687 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065800.D

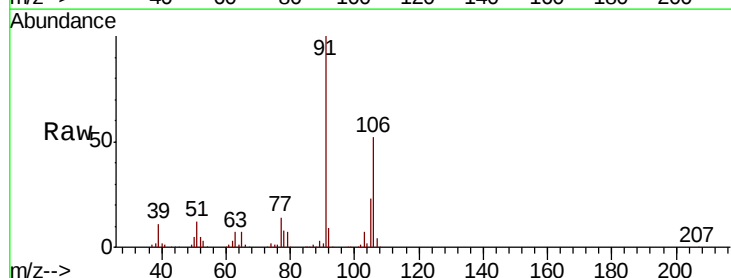
Acq: 18 Jun 2020 11:37

Tgt Ion: 106 Resp: 163348

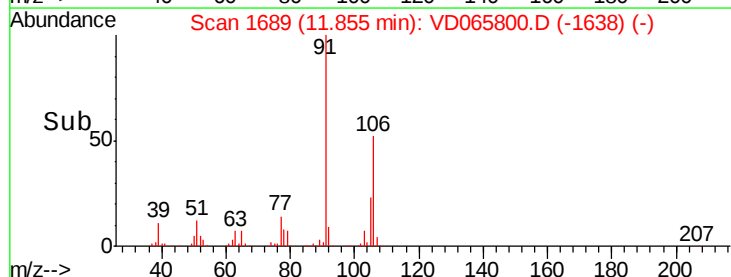
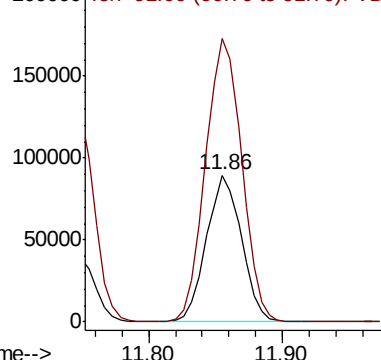
Ion Ratio Lower Upper

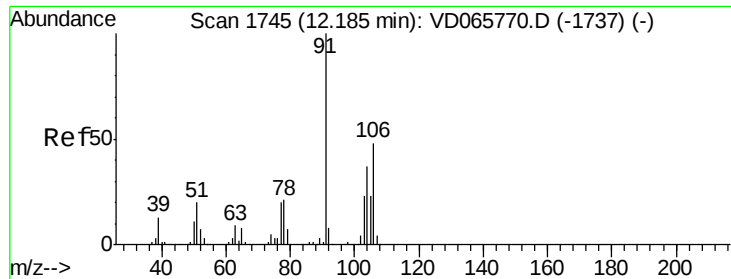
106 100

91 199.7 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

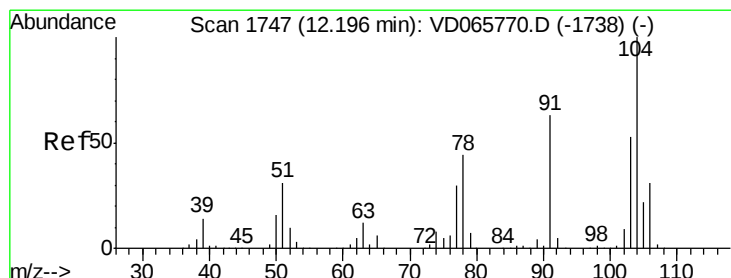
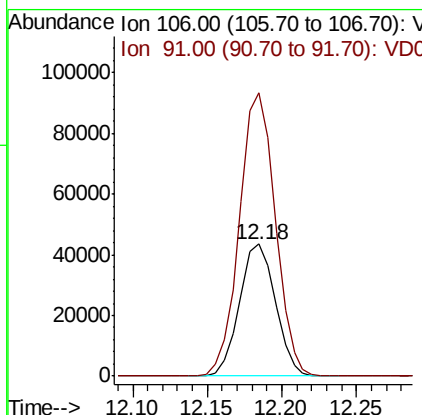
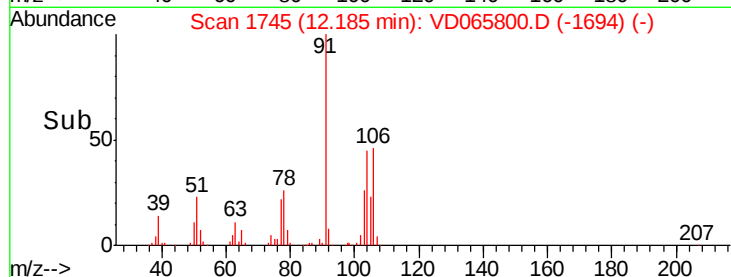
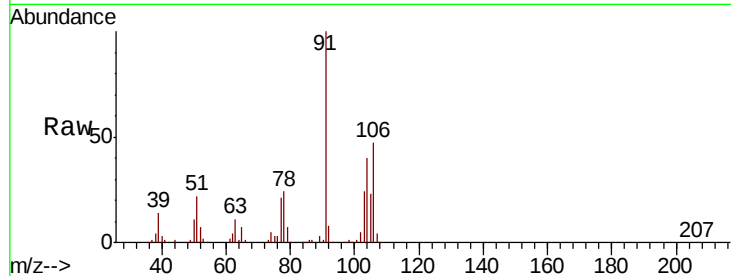




#69
o-Xylene
Concen: 20.663 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

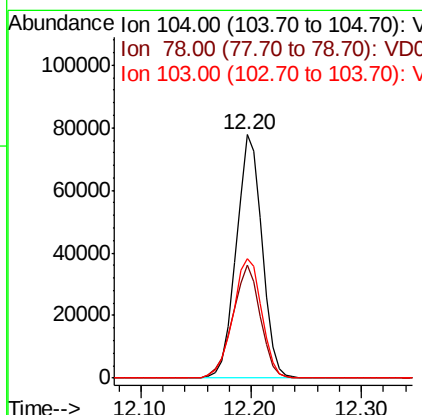
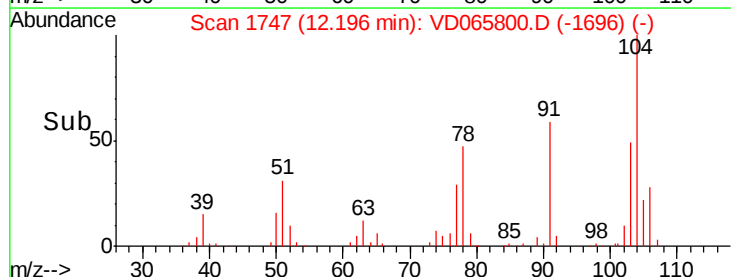
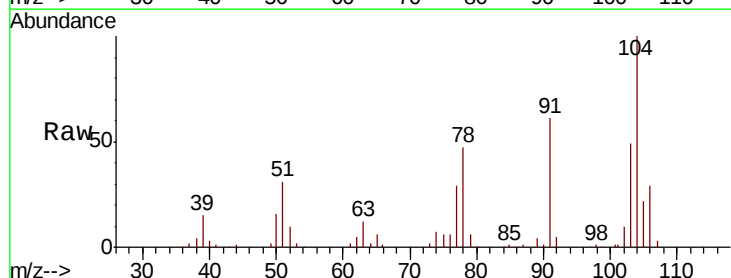
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

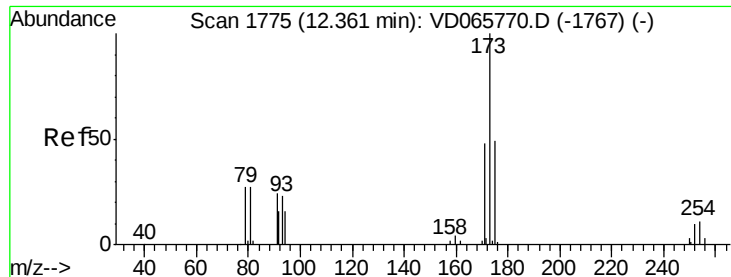
Tot Ion:106 Resp: 73002
Ion Ratio Lower Upper
106 100
91 214.2 105.3 315.8



#70
Styrene
Concen: 20.858 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

Tgt Ion:104 Resp: 127567
Ion Ratio Lower Upper
104 100
78 49.9 38.6 58.0
103 54.7 43.9 65.9

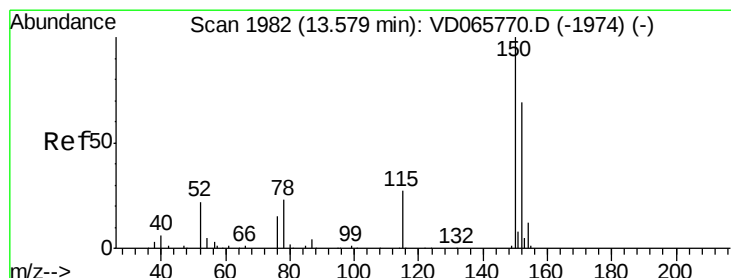
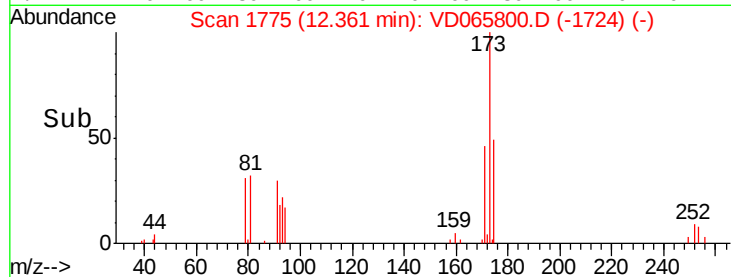
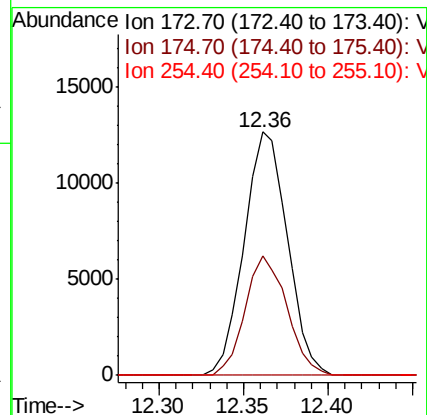
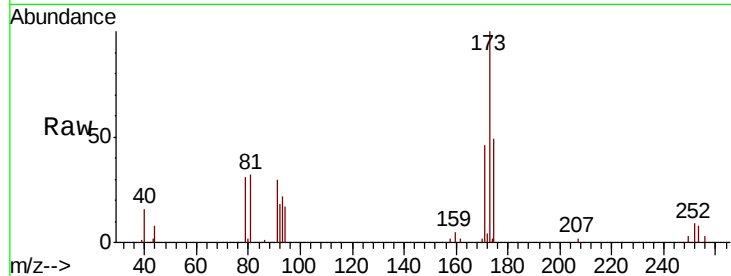




#71
Bromoform
Concen: 19.353 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

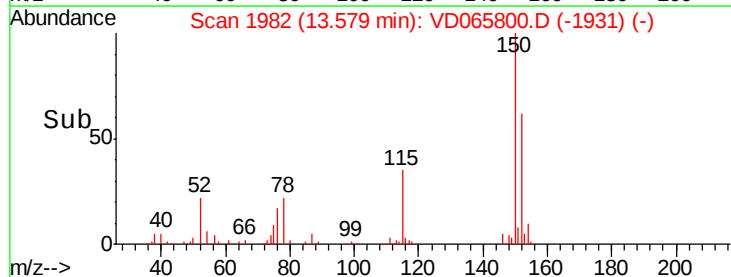
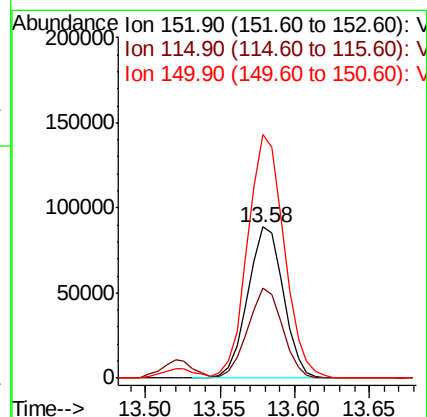
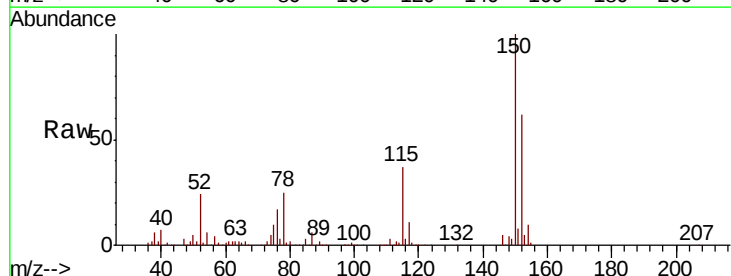
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

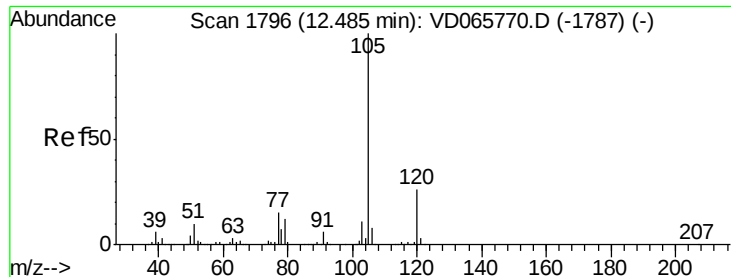
Tot Ion:173 Resp: 22621
Ion Ratio Lower Upper
173 100
175 47.2 24.8 74.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

Tgt Ion:152 Resp: 146203
Ion Ratio Lower Upper
152 100
115 58.4 28.7 86.1
150 165.5 0.0 348.0





#73

Isopropylbenzene

Concen: 20.881 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

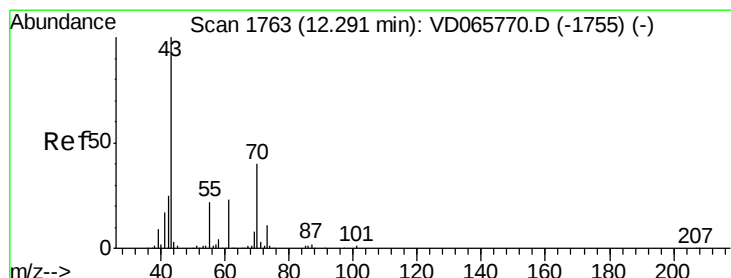
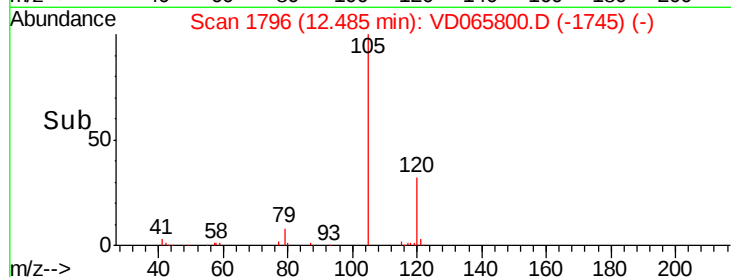
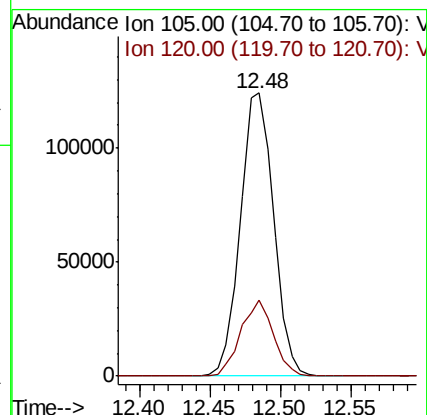
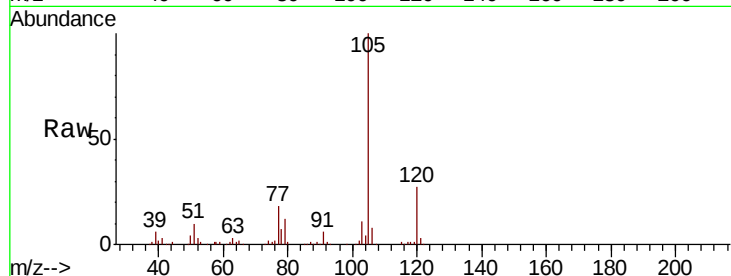
VD0618SBS01

Tot Ion:105 Resp: 204685

Ion Ratio Lower Upper

105 100

120 26.3 13.5 40.5



#74

N-ethyl acetate

Concen: 19.363 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Tgt Ion: 43 Resp: 42227

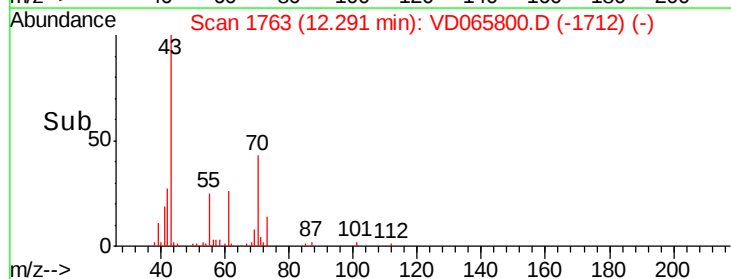
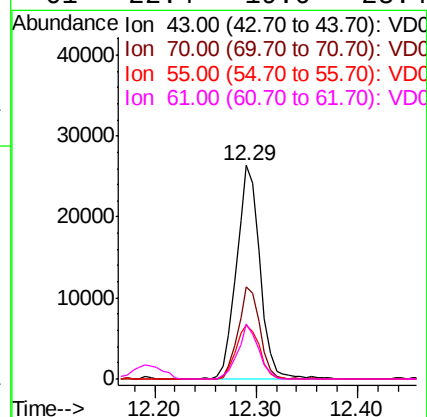
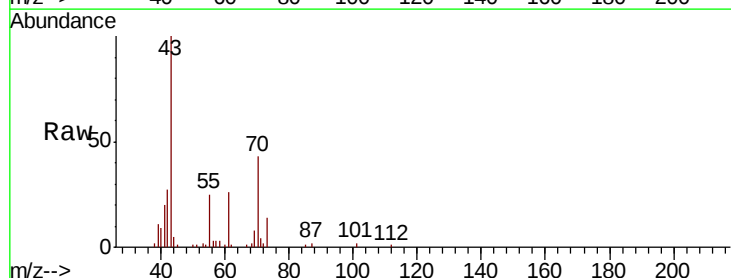
Ion Ratio Lower Upper

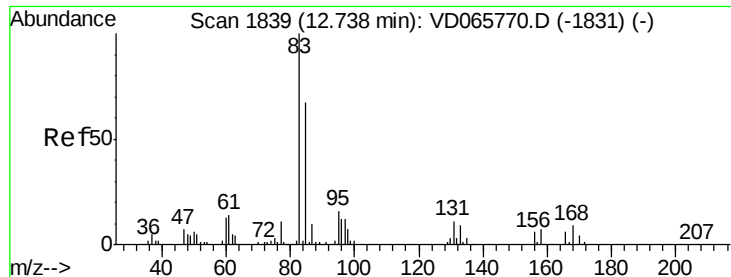
43 100

70 40.2 32.3 48.5

55 25.0 19.0 28.4

61 22.4 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.672 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBS01

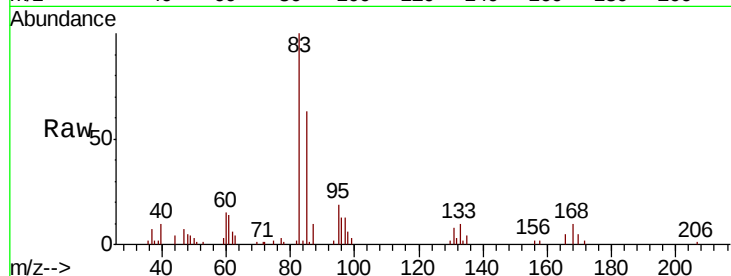
Tot Ion: 83 Resp: 32567

Ion Ratio Lower Upper

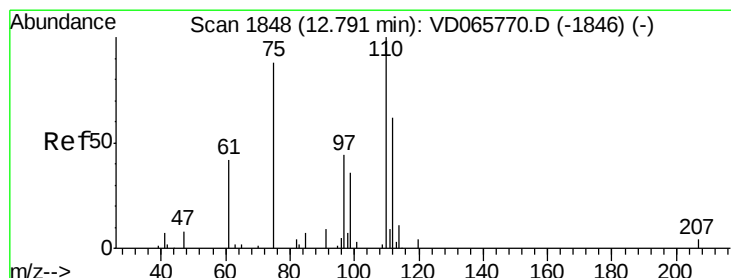
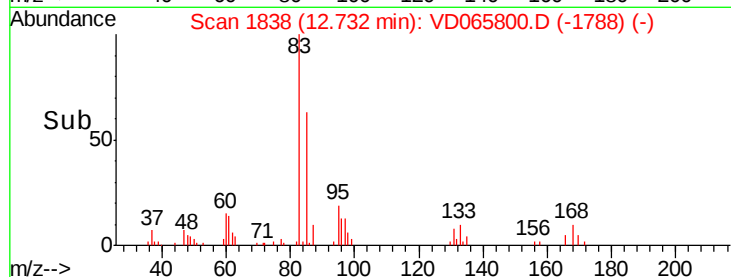
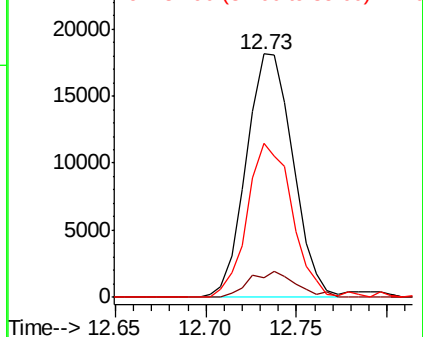
83 100

131 10.7 5.5 16.4

85 60.6 32.5 97.5



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



#76

1,2,3-Trichloropropane

Concen: 37.955 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD065800.D

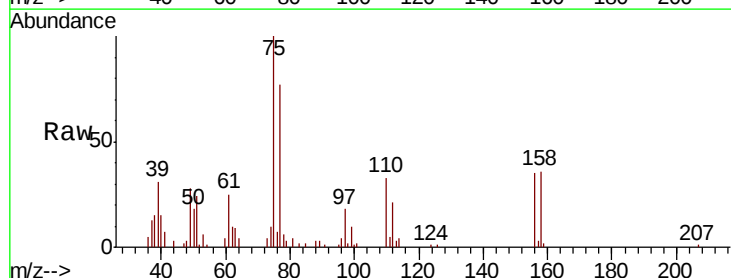
Acq: 18 Jun 2020 11:37

Tgt Ion: 75 Resp: 43156

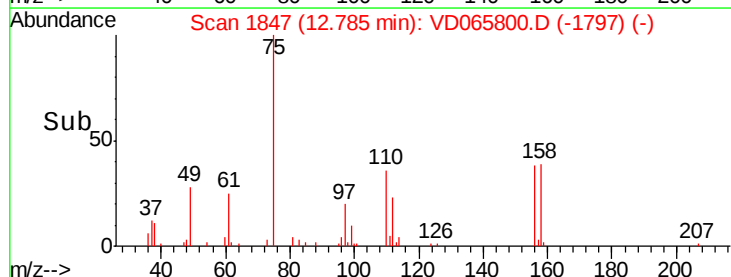
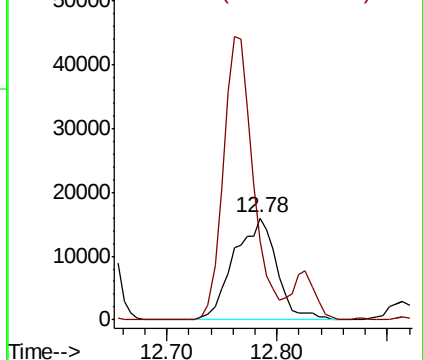
Ion Ratio Lower Upper

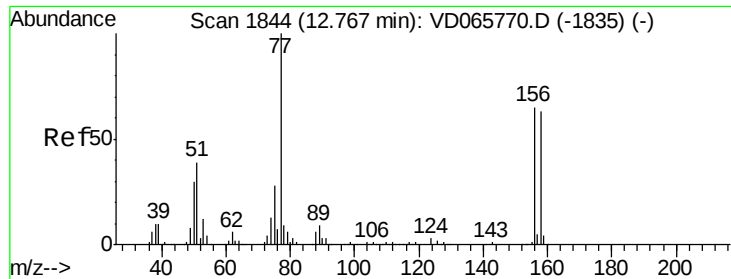
75 100

77 0.0 0.0 0.0



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

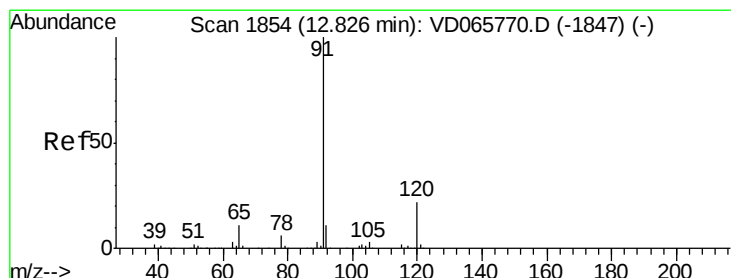
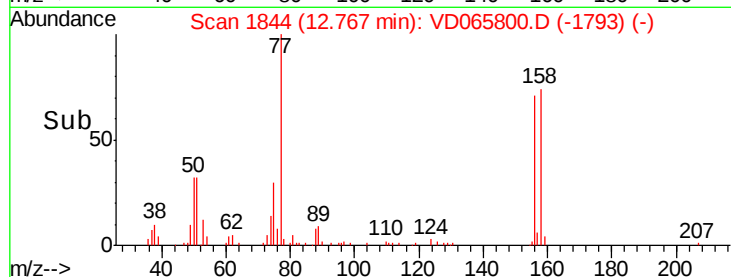
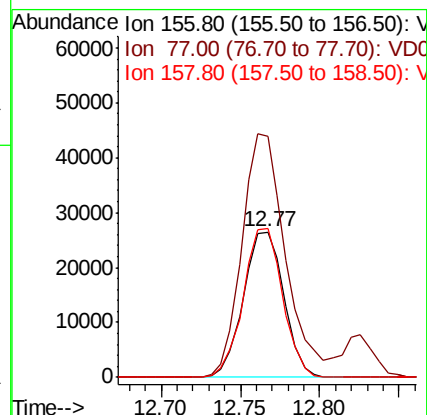
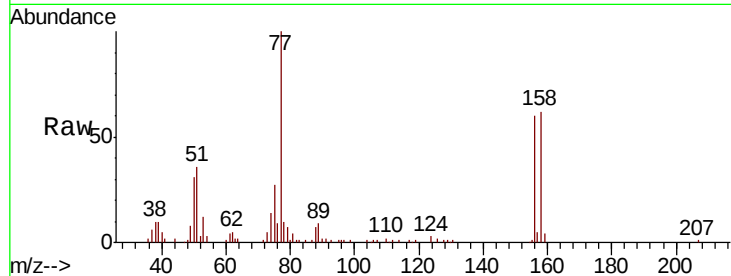




#77
Bromobenzene
Concen: 20.146 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

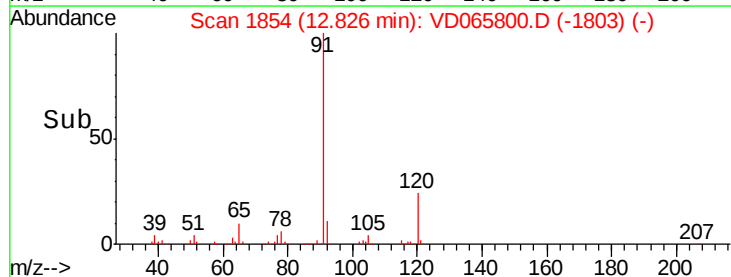
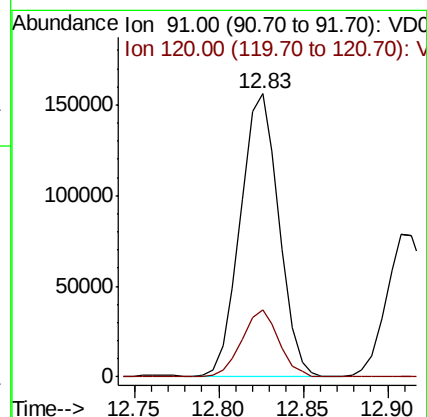
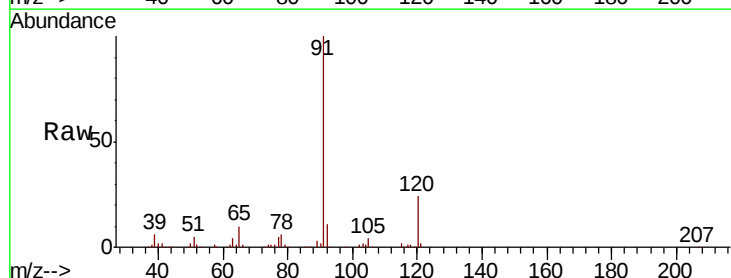
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

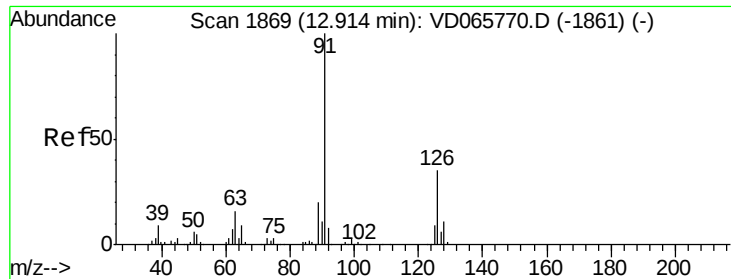
Tot Ion:156 Resp: 46724
Ion Ratio Lower Upper
156 100
77 179.6 87.3 261.8
158 100.1 48.0 144.0



#78
n-propylbenzene
Concen: 21.050 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

Tgt Ion: 91 Resp: 248371
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.8

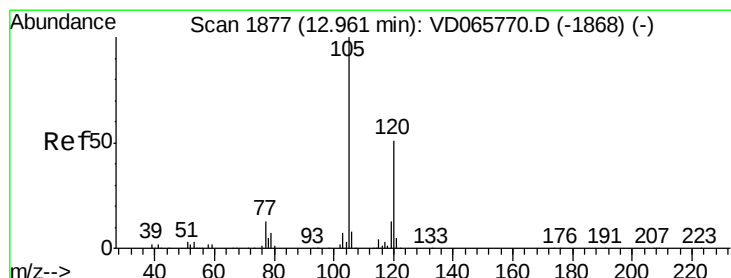
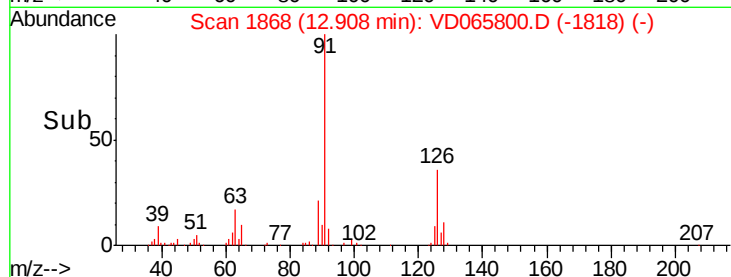
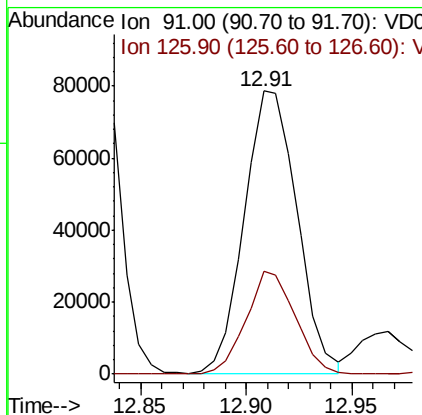
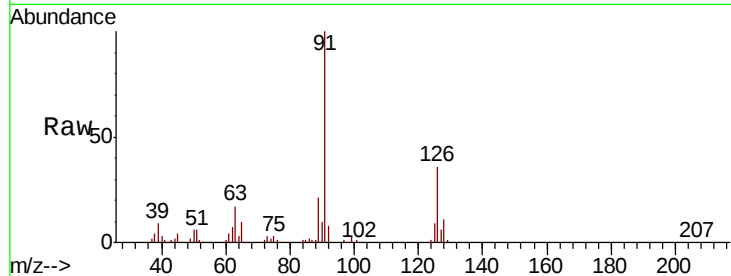




#79
 2-Chlorotoluene
 Concen: 21.140 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VD065800.D
 Acq: 18 Jun 2020 11:37

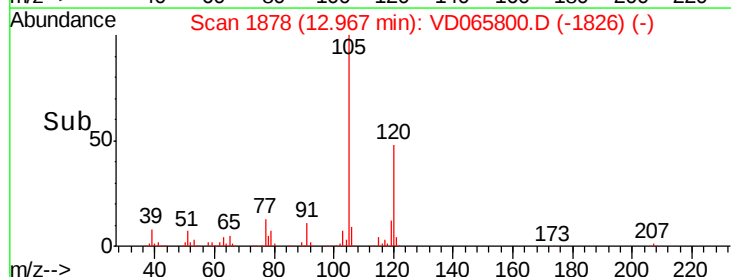
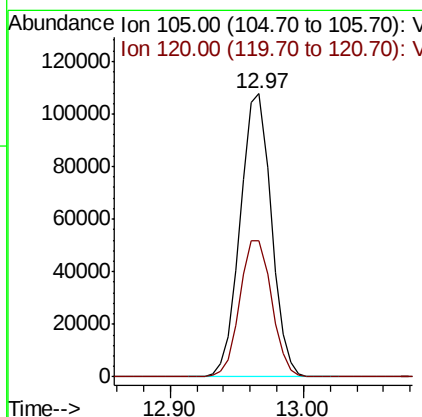
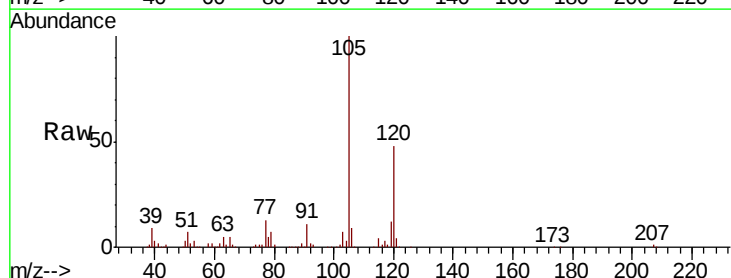
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBS01

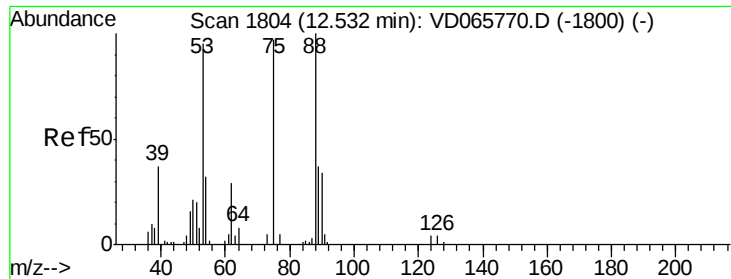
Tot Ion: 91 Resp: 136835
 Ion Ratio Lower Upper
 91 100
 126 33.7 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 21.285 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VD065800.D
 Acq: 18 Jun 2020 11:37

Tgt Ion:105 Resp: 173628
 Ion Ratio Lower Upper
 105 100
 120 49.4 25.4 76.0

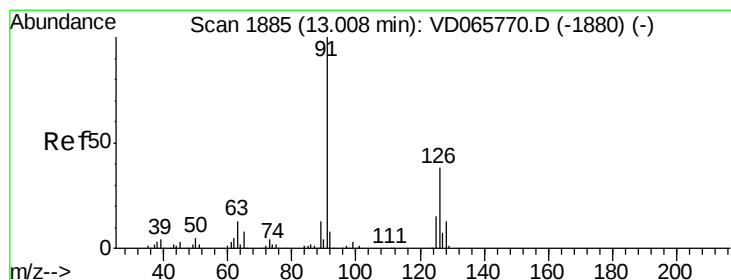
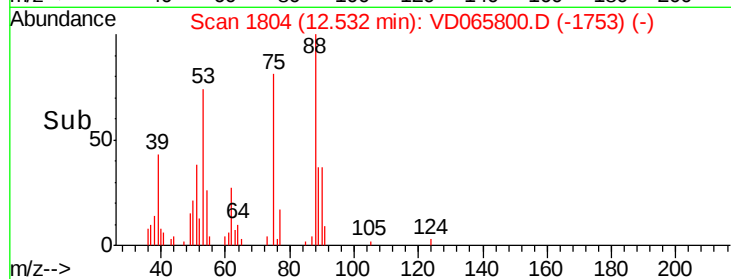
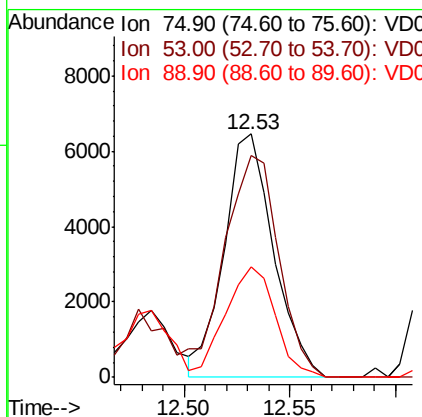
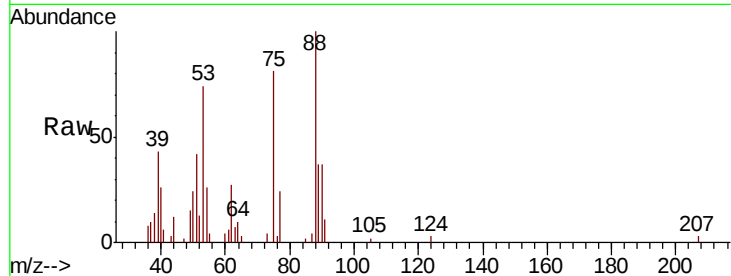




#81
trans-1,4-Dichloro-2-butene
Concen: 19.897 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

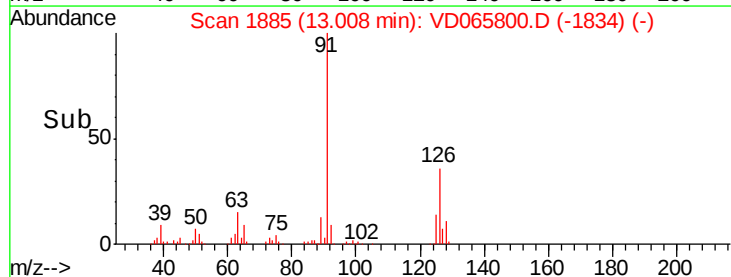
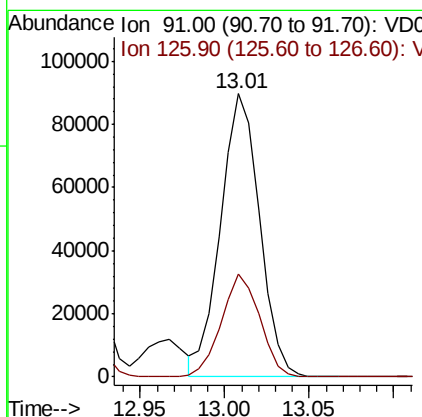
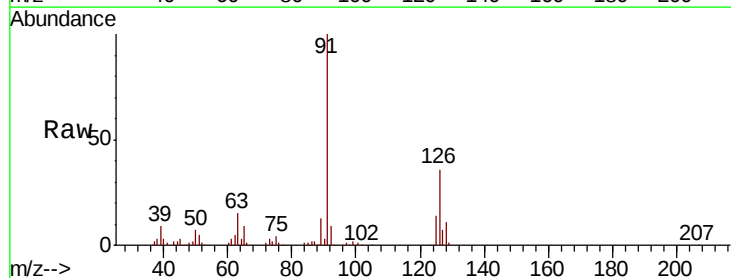
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

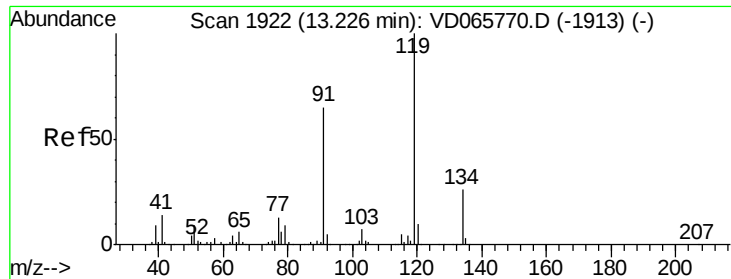
Tot Ion: 75 Resp: 10471
Ion Ratio Lower Upper
75 100
53 99.2 82.6 123.8
89 46.0 35.9 53.9



#82
4-Chlorotoluene
Concen: 20.727 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

Tgt Ion: 91 Resp: 144004
Ion Ratio Lower Upper
91 100
126 35.9 17.6 52.8

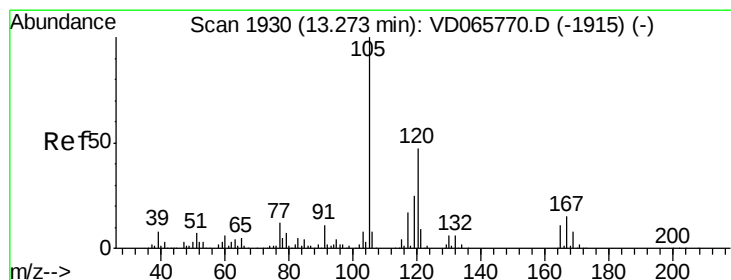
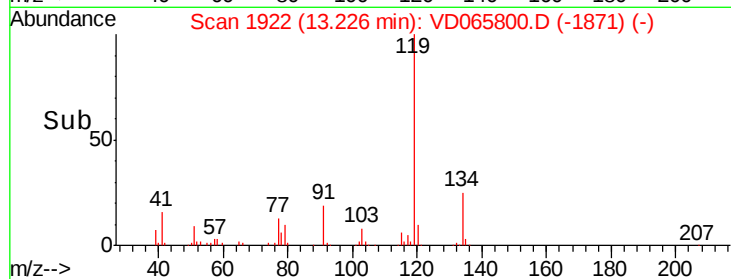
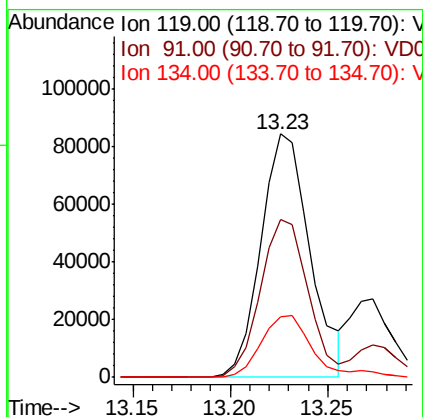
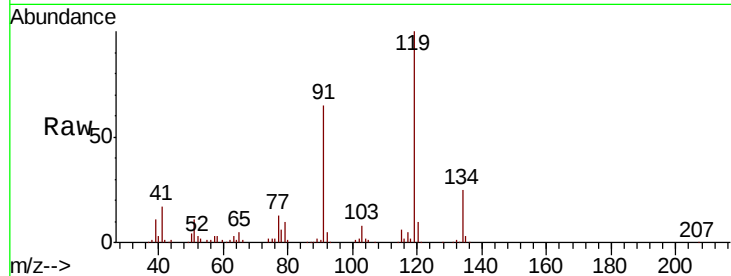




#83
tert-Butylbenzene
Concen: 20.757 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

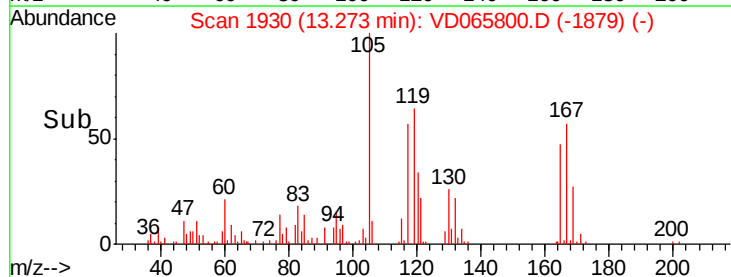
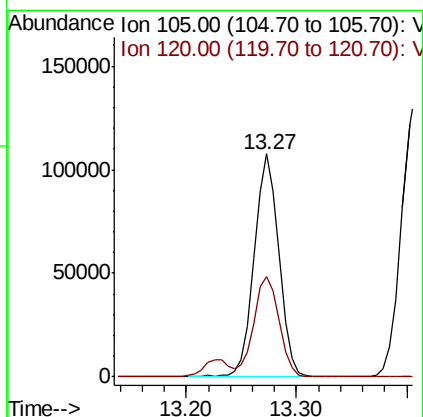
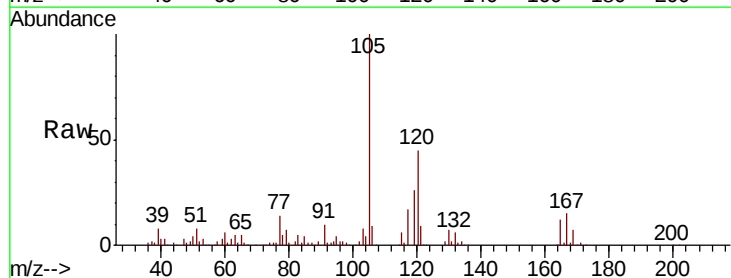
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

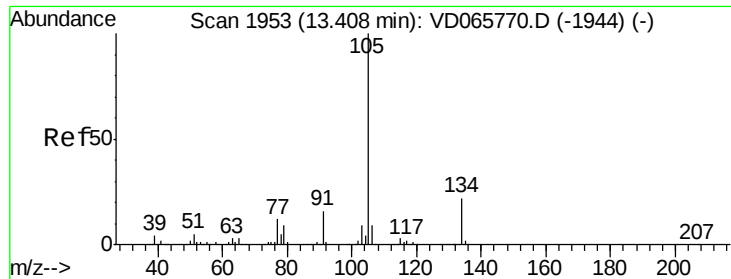
Tot Ion:119 Resp: 146919
Ion Ratio Lower Upper
119 100
91 63.3 32.0 96.0
134 27.0 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 20.734 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

Tgt Ion:105 Resp: 169287
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.8





#85

sec-Butylbenzene

Concen: 21.457 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

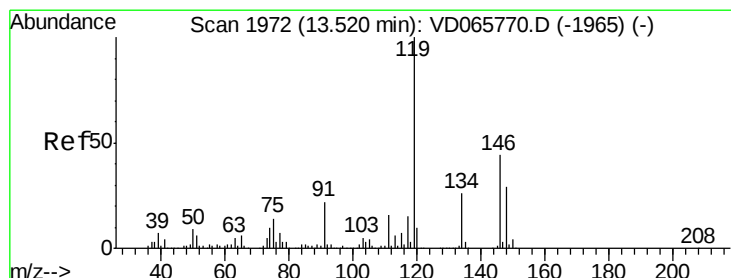
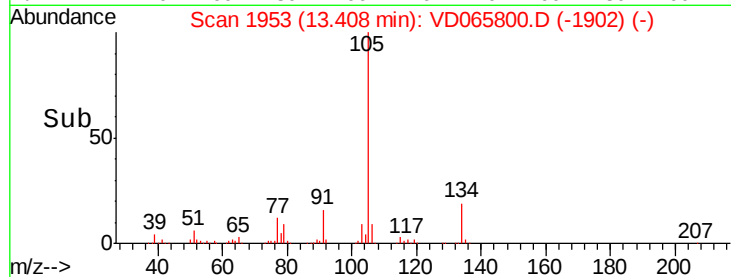
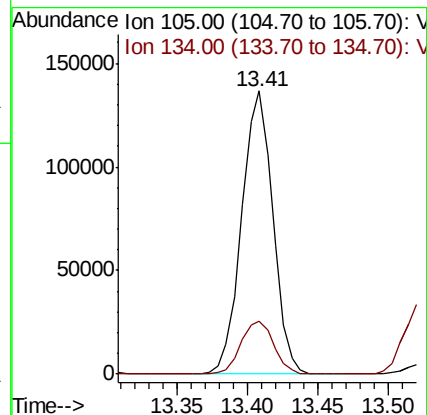
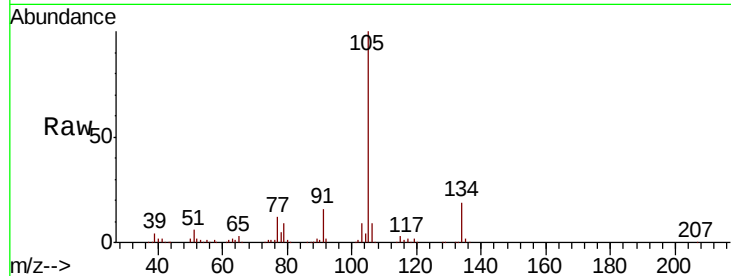
VD0618SBS01

Tot Ion:105 Resp: 211350

Ion Ratio Lower Upper

105 100

134 19.8 10.4 31.4



#86

p-Isopropyltoluene

Concen: 21.225 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

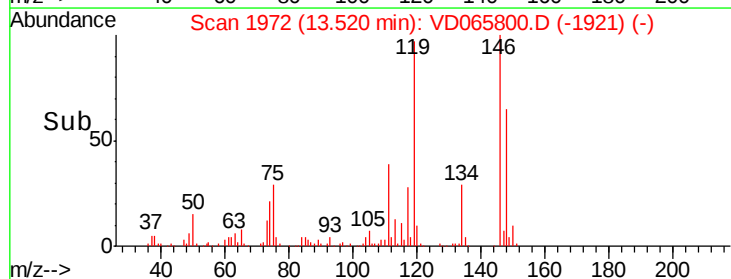
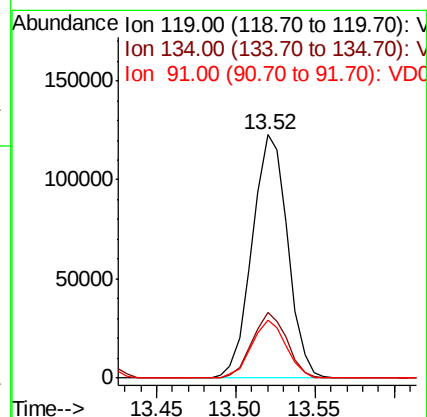
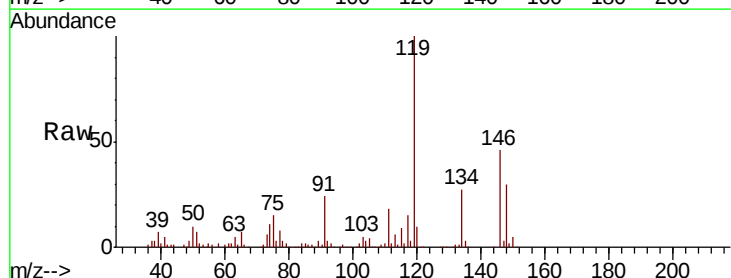
Tgt Ion:119 Resp: 191622

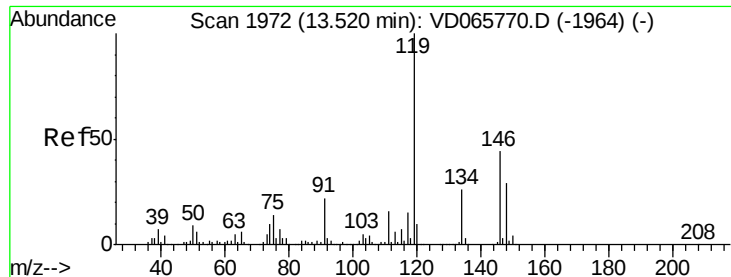
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.9

91 23.2 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 20.464 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBS01

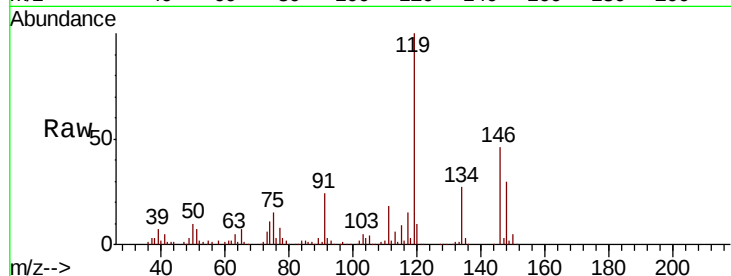
Tot Ion:146 Resp: 93583

Ion Ratio Lower Upper

146 100

111 40.0 19.2 57.6

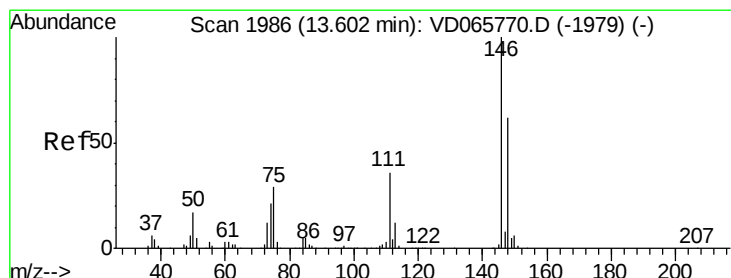
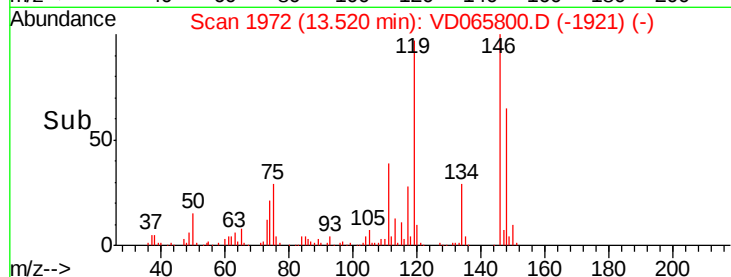
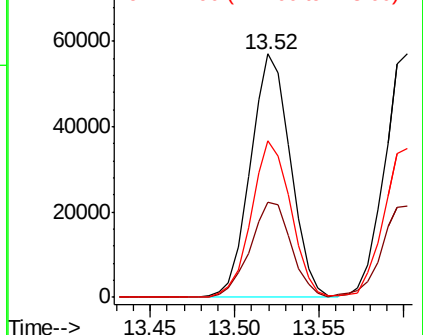
148 63.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.458 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

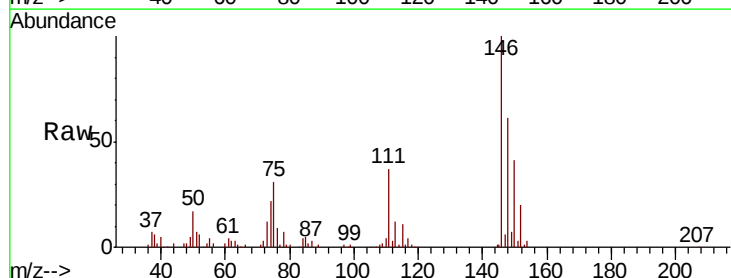
Tgt Ion:146 Resp: 93060

Ion Ratio Lower Upper

146 100

111 39.8 18.9 56.7

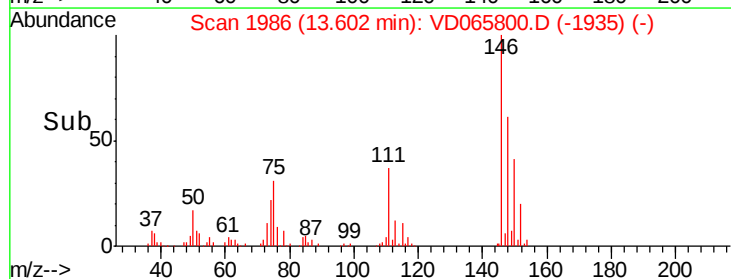
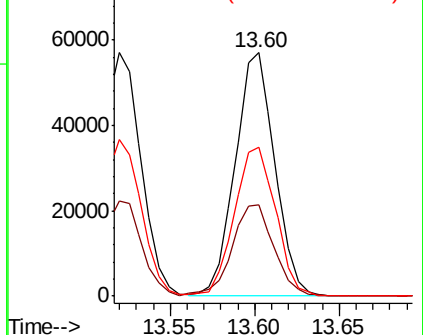
148 63.6 31.6 94.7

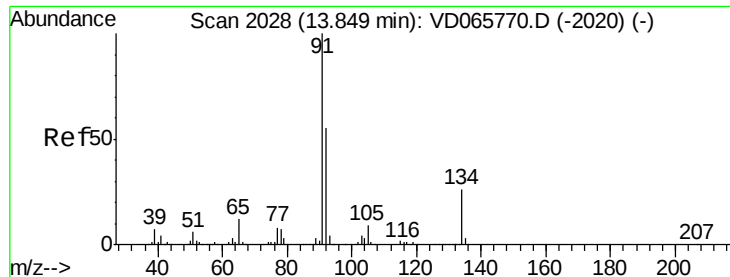


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

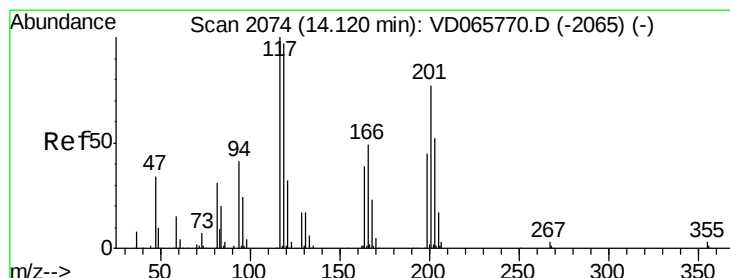
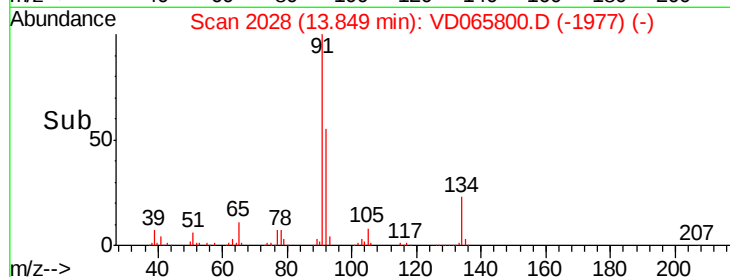
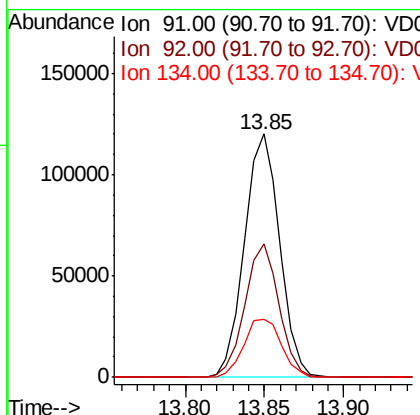
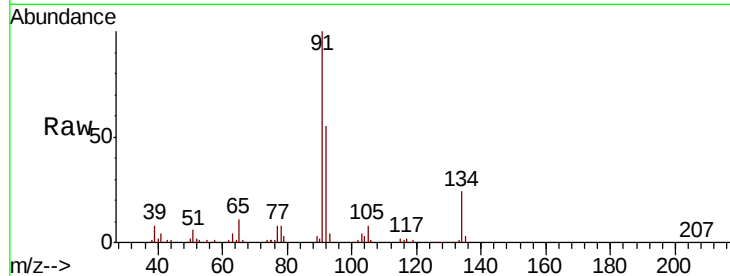




#89
n-Butylbenzene
Concen: 21.522 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

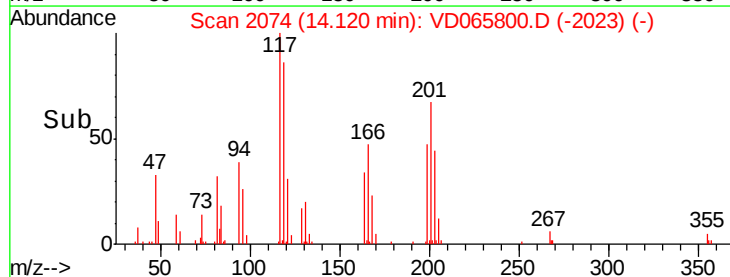
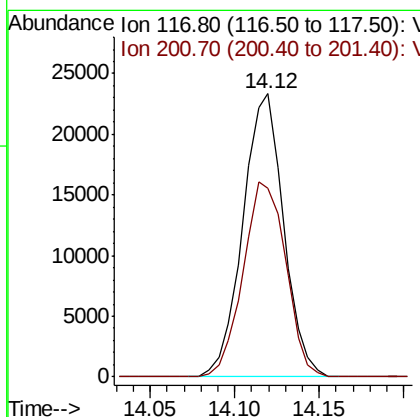
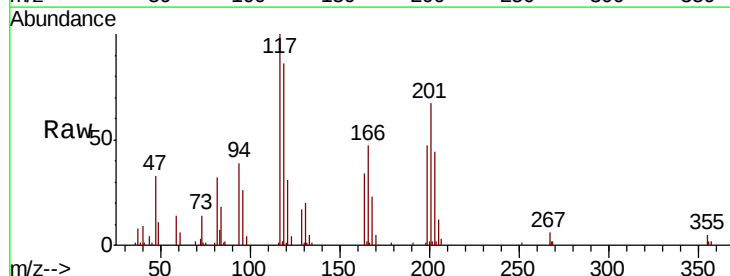
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

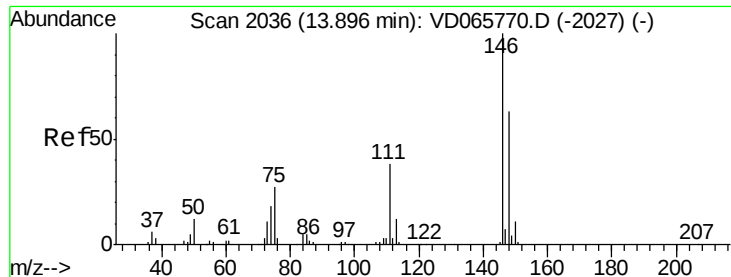
Tot Ion: 91 Resp: 185316
Ion Ratio Lower Upper
91 100
92 53.0 27.0 81.0
134 25.7 13.0 39.0



#90
Hexachloroethane
Concen: 21.655 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065800.D
Acq: 18 Jun 2020 11:37

Tgt Ion: 117 Resp: 39133
Ion Ratio Lower Upper
117 100
201 72.2 37.1 111.5

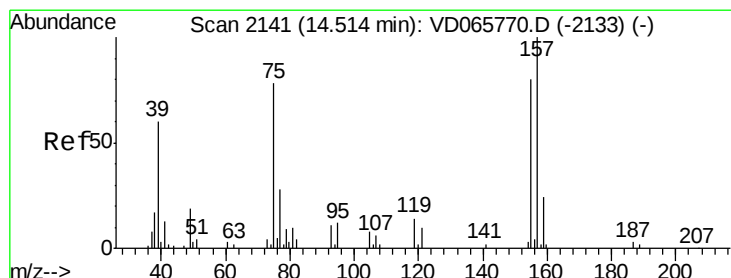
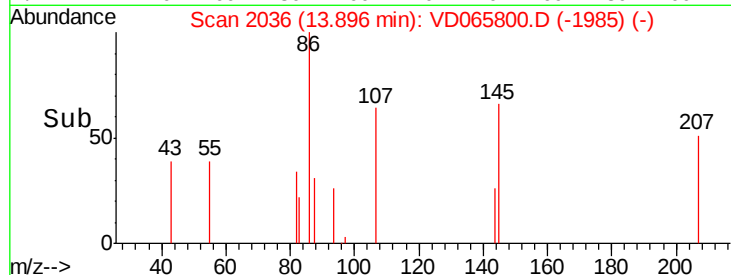
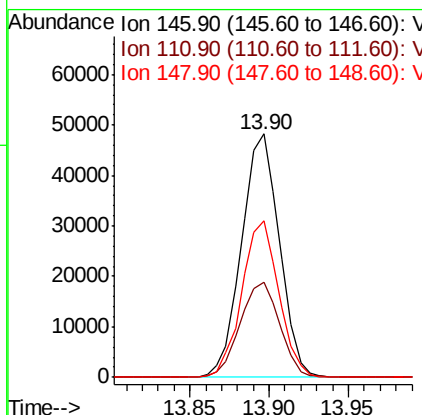
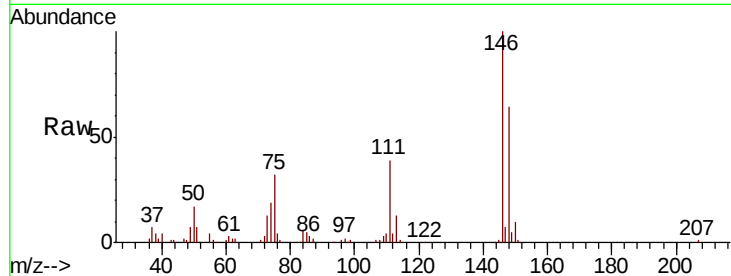




#91
 1,2-Dichlorobenzene
 Concen: 20.340 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065800.D
 Acq: 18 Jun 2020 11:37

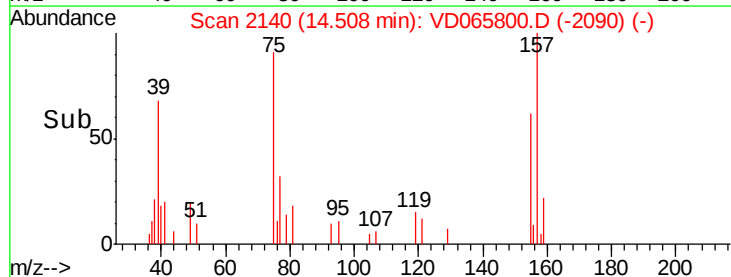
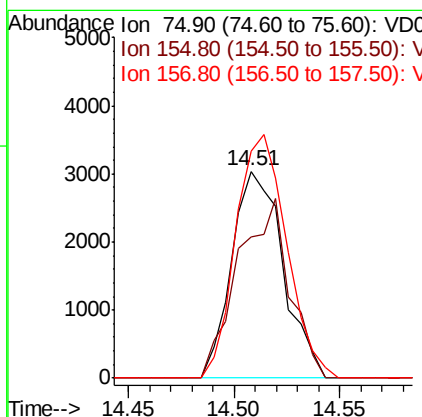
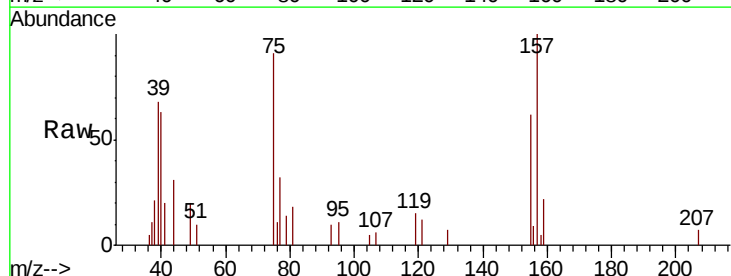
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBS01

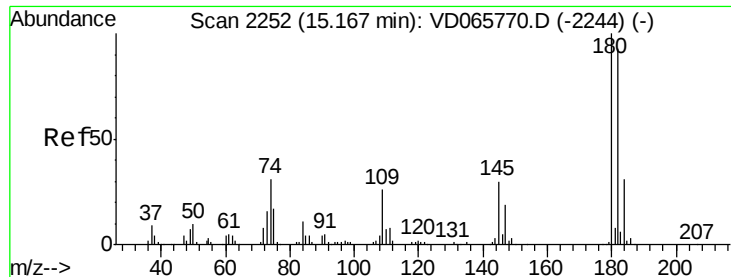
Tot Ion:146 Resp: 80049
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.8 59.4
 148 62.9 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.584 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD065800.D
 Acq: 18 Jun 2020 11:37

Tgt Ion: 75 Resp: 5120
 Ion Ratio Lower Upper
 75 100
 155 87.0 46.3 138.9
 157 116.4 58.1 174.3

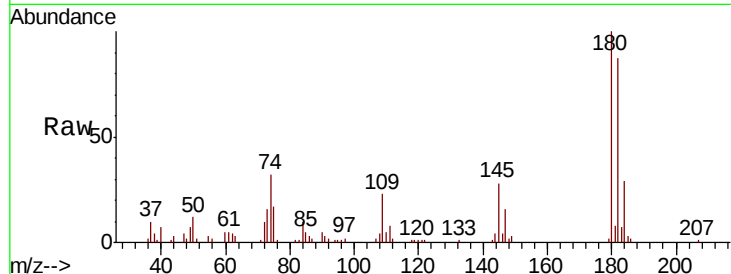




#93
 1,2,4-Trichlorobenzene
 Concen: 19.605 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065800.D
 Acq: 18 Jun 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.0	144.2
145	29.9	14.9	44.9

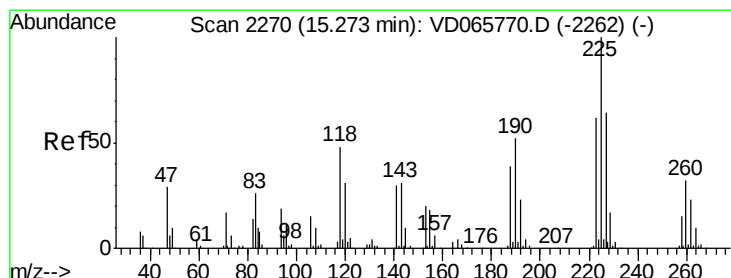
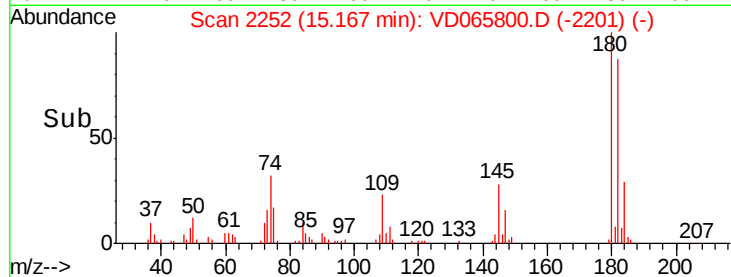
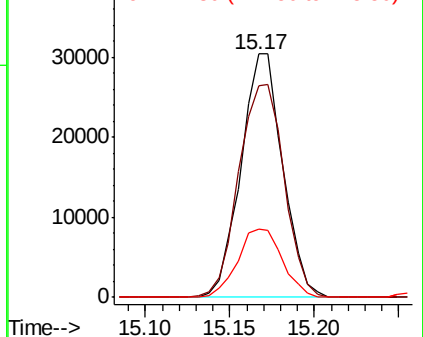


Abundance

Ion 179.80 (179.50 to 180.50): V

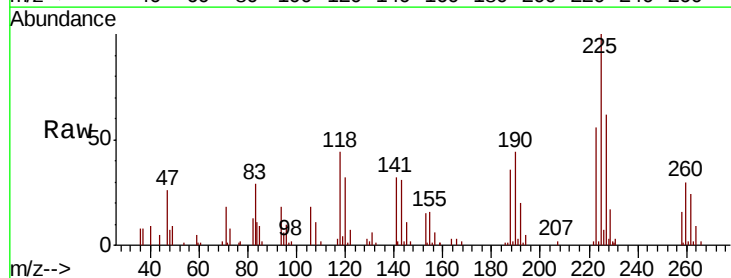
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.793 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065800.D
 Acq: 18 Jun 2020 11:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	30.9	92.7
227	62.6	31.9	95.7

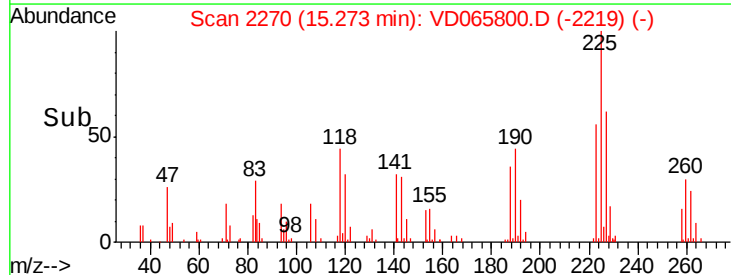
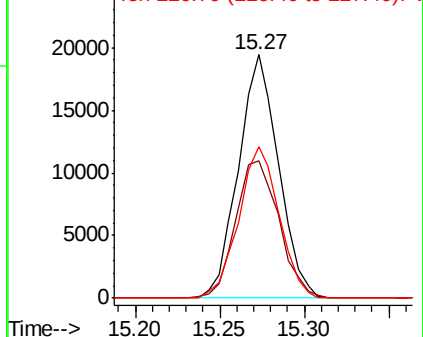


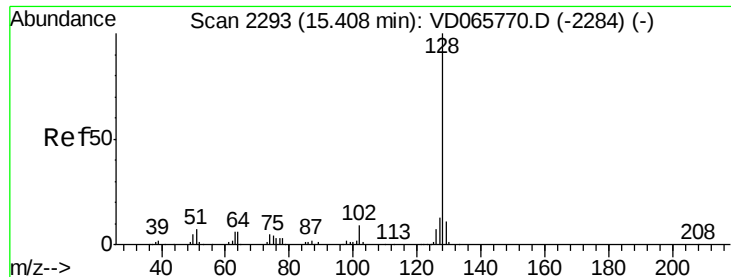
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.081 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBS01

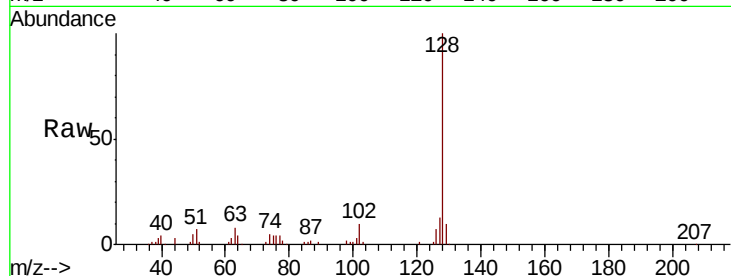
Tot Ion:128 Resp: 81954

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

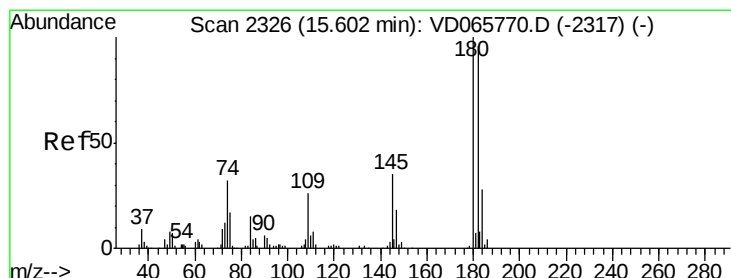
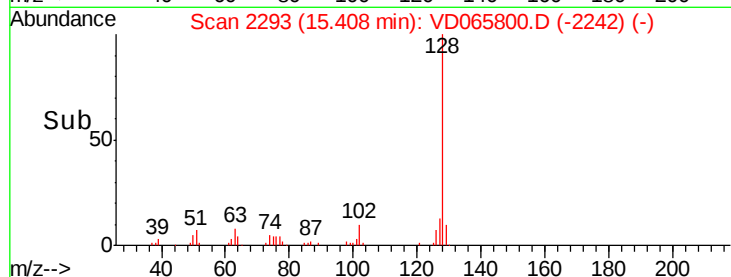
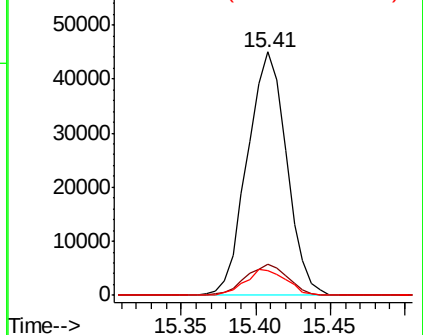
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.345 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD065800.D

Acq: 18 Jun 2020 11:37

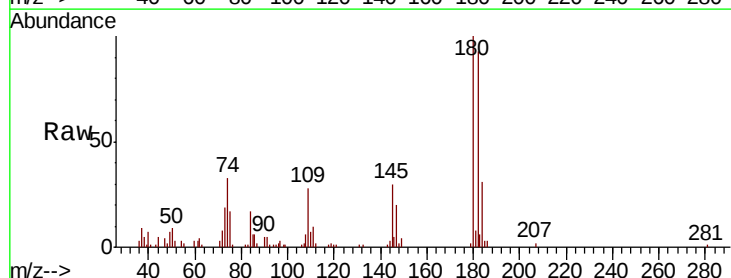
Tgt Ion:180 Resp: 44583

Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.2

145 33.0 16.2 48.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

