

Data File : VD065461.D
Acq On : 10 Mar 2020 13:31
Operator : VA/SY
Sample : VD0310SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0310SBS01

Quant Time: Mar 11 01:54:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	432898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	641395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	597850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	301091	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	192730	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
35) Dibromofluoromethane	7.92	113	198733	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	10.34	98	763602	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
62) 4-Bromofluorobenzene	12.64	95	248291	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.99	85	80619	21.669 ug/l	97
3) Chloromethane	2.21	50	98162	21.854 ug/l	100
4) Vinyl Chloride	2.35	62	95943	21.656 ug/l	100
5) Bromomethane	2.77	94	61086	21.919 ug/l	96
6) Chloroethane	2.93	64	59304	21.856 ug/l	96
7) Trichlorofluoromethane	3.27	101	141880	21.733 ug/l	95
8) Diethyl Ether	3.71	74	44575	22.961 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	88777	21.115 ug/l	98
10) Methyl Iodide	4.29	142	81274	18.607 ug/l	99
11) Tert butyl alcohol	5.24	59	36710	172.348 ug/l #	76
12) 1,1-Dichloroethene	4.06	96	83094	20.639 ug/l	91
13) Acrolein	3.92	56	30687	83.538 ug/l	98
14) Allyl chloride	4.71	41	123494	19.968 ug/l	99
15) Acrylonitrile	5.43	53	92443	109.455 ug/l	99
16) Acetone	4.16	43	79056	105.268 ug/l	96
17) Carbon Disulfide	4.40	76	278427	20.767 ug/l	100
18) Methyl Acetate	4.73	43	44299	23.254 ug/l	98
19) Methyl tert-butyl Ether	5.49	73	166100	21.454 ug/l	100
20) Methylene Chloride	4.96	84	104374	23.780 ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	94758	21.158 ug/l	97
22) Diisopropyl ether	6.37	45	257580	22.404 ug/l	97
23) Vinyl Acetate	6.31	43	693027	108.563 ug/l	100
24) 1,1-Dichloroethane	6.26	63	160281	21.735 ug/l	97
25) 2-Butanone	7.22	43	108304	105.678 ug/l	97
26) 2,2-Dichloropropane	7.21	77	137757	21.377 ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	96646	21.112 ug/l	98
28) Bromochloromethane	7.55	49	62096	21.047 ug/l	99
29) Tetrahydrofuran	7.57	42	72357	110.556 ug/l	98
30) Chloroform	7.71	83	166168	22.544 ug/l	99
31) Cyclohexane	7.99	56	146640	19.887 ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	146977	21.578 ug/l	98
36) 1,1-Dichloropropene	8.11	75	128452	20.893 ug/l	99
37) Ethyl Acetate	7.30	43	53018	22.311 ug/l	97
38) Carbon Tetrachloride	8.10	117	134421	21.084 ug/l	96

Data File : VD065461.D
Acq On : 10 Mar 2020 13:31
Operator : VA/SY
Sample : VD0310SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0310SBS01

Quant Time: Mar 11 01:54:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	146882	19.780	ug/l	95
40) Benzene	8.35	78	381490	22.192	ug/l	99
41) Methacrylonitrile	7.57	41	71451	56.854	ug/l #	26
42) 1,2-Dichloroethane	8.43	62	102755	22.892	ug/l	100
43) Isopropyl Acetate	8.46	43	92484	21.077	ug/l	97
44) Trichloroethene	9.11	130	104398	21.505	ug/l	100
45) 1,2-Dichloropropane	9.39	63	92452	22.203	ug/l	97
46) Dibromomethane	9.48	93	49229	22.792	ug/l	98
47) Bromodichloromethane	9.67	83	126444	22.503	ug/l	97
48) Methyl methacrylate	9.46	41	42741	20.708	ug/l #	92
49) 1,4-Dioxane	9.47	88	11772	476.485	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	243385	110.227	ug/l	99
52) Toluene	10.41	92	239711	22.136	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	114855	21.873	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	140555	22.114	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	69988	22.878	ug/l	97
56) Ethyl methacrylate	10.67	69	73560	21.330	ug/l	98
57) 1,3-Dichloropropane	10.95	76	118713	22.935	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	120284	112.802	ug/l	99
59) 2-Hexanone	10.99	43	165151	108.048	ug/l	99
60) Dibromochloromethane	11.14	129	90137	22.986	ug/l	99
61) 1,2-Dibromoethane	11.25	107	65972	22.609	ug/l	100
64) Tetrachloroethene	10.88	164	91182	21.285	ug/l	97
65) Chlorobenzene	11.67	112	257762	21.787	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	95901	22.257	ug/l	98
67) Ethyl Benzene	11.75	91	432293	21.147	ug/l	100
68) m/p-Xylenes	11.86	106	337296	42.792	ug/l	96
69) o-Xylene	12.18	106	147431	21.263	ug/l	99
70) Styrene	12.20	104	265907	21.791	ug/l	99
71) Bromoform	12.37	173	54190	22.390	ug/l #	100
73) Isopropylbenzene	12.48	105	400192	20.207	ug/l	99
74) N-amyl acetate	12.30	43	82422	20.329	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	77318	22.211	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	95182	40.062	ug/l #	100
77) Bromobenzene	12.77	156	105955	21.534	ug/l	98
78) n-propylbenzene	12.83	91	489170	20.818	ug/l	100
79) 2-Chlorotoluene	12.91	91	275956	20.838	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	343492	21.097	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	23794	21.134	ug/l	95
82) 4-Chlorotoluene	13.01	91	297841	21.403	ug/l	100
83) tert-Butylbenzene	13.23	119	270410	19.632	ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	341512	21.280	ug/l	100
85) sec-Butylbenzene	13.41	105	397949	20.240	ug/l	99
86) p-Isopropyltoluene	13.53	119	370584	20.656	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	202907	21.450	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	202192	21.487	ug/l	99
89) n-Butylbenzene	13.86	91	329355	19.857	ug/l	99
90) Hexachloroethane	14.12	117	77291	20.919	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	175103	21.752	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10983	20.716	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031020\
Quantitation Report (Not Reviewed)

Data File : VD065461.D
Acq On : 10 Mar 2020 13:31
Operator : VA/SY
Sample : VD0310SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0310SBS01

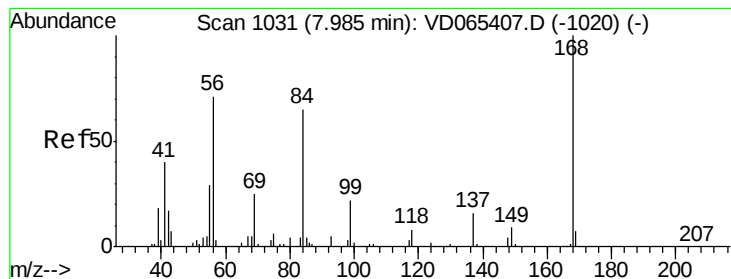
Quant Time: Mar 11 01:54:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	117387	21.515	ug/l	97
94) Hexachlorobutadiene	15.28	225	74020	20.647	ug/l	100
95) Naphthalene	15.41	128	175020	20.819	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	99837	21.175	ug/l	97

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

Quant Time: Mar 11 01:54:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

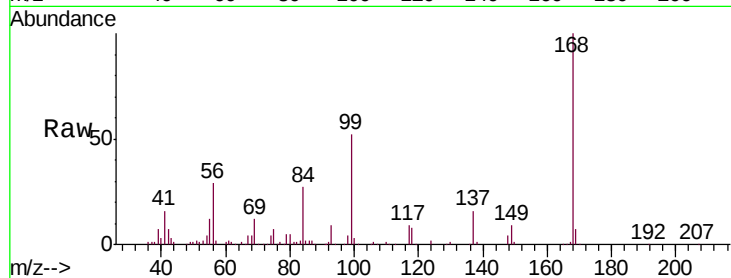
VD0310SBS01

Tgt Ion:168 Resp: 432898

Ion Ratio Lower Upper

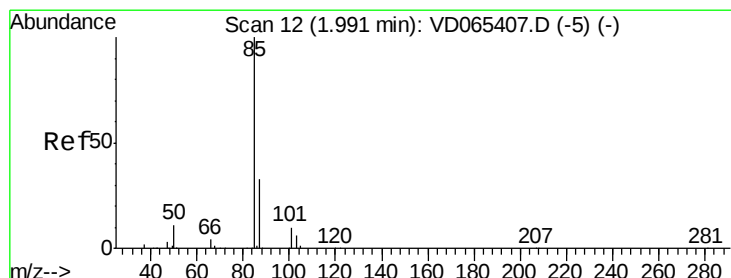
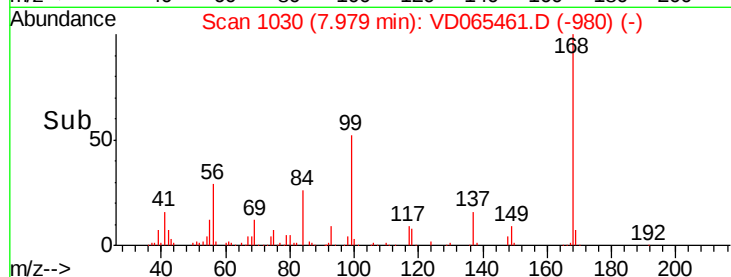
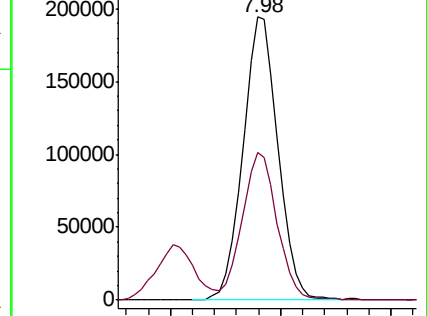
168 100

99 51.8 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 21.669 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065461.D

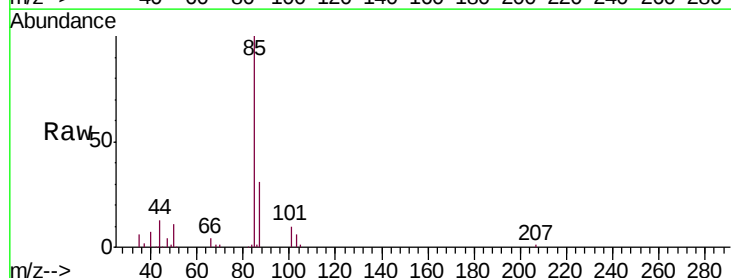
Acq: 10 Mar 2020 13:31

Tgt Ion: 85 Resp: 80619

Ion Ratio Lower Upper

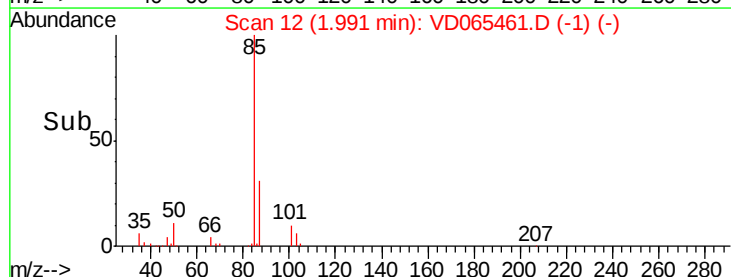
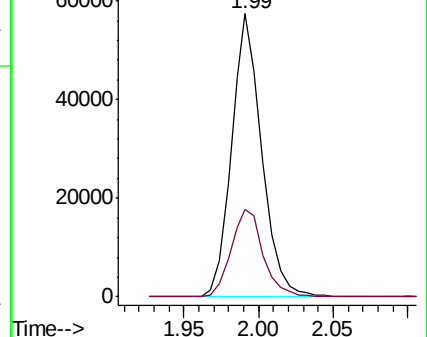
85 100

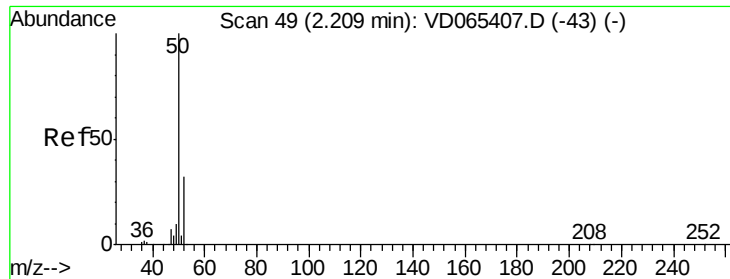
87 30.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.854 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

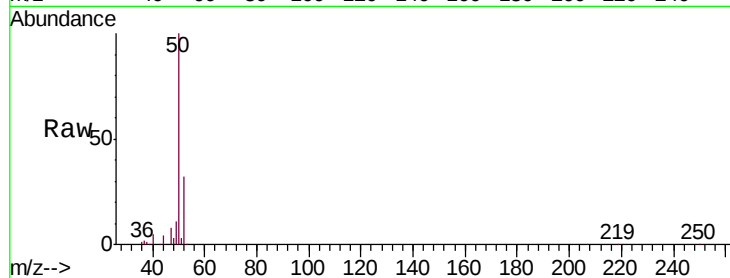
VD0310SBS01

Tgt Ion: 50 Resp: 98162

Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

80000

60000

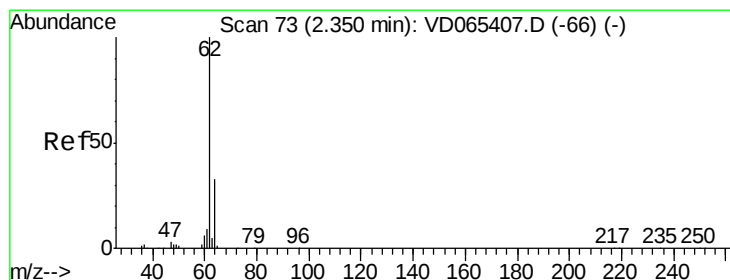
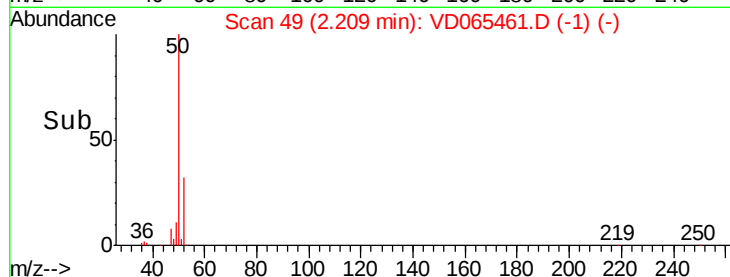
40000

20000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 21.656 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065461.D

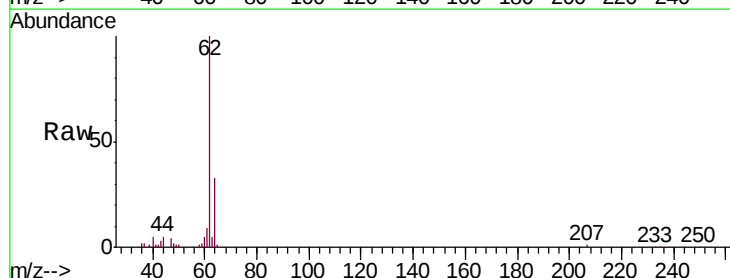
Acq: 10 Mar 2020 13:31

Tgt Ion: 62 Resp: 95943

Ion Ratio Lower Upper

62 100

64 33.4 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

60000

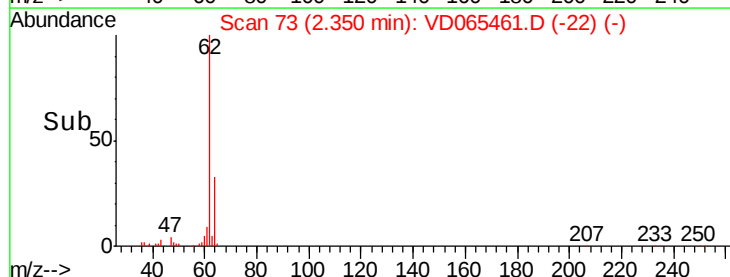
40000

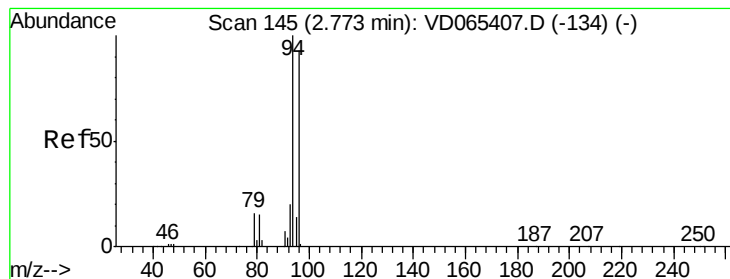
20000

0

Time-->

2.30 2.40





#5

Bromomethane

Concen: 21.919 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

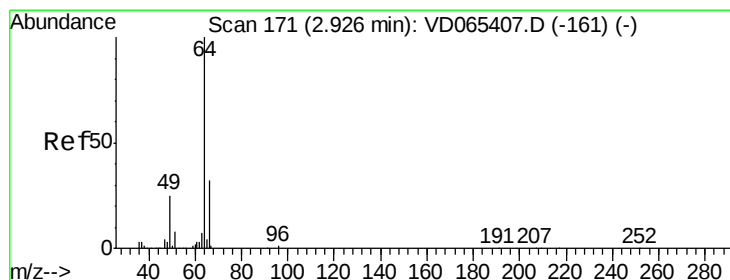
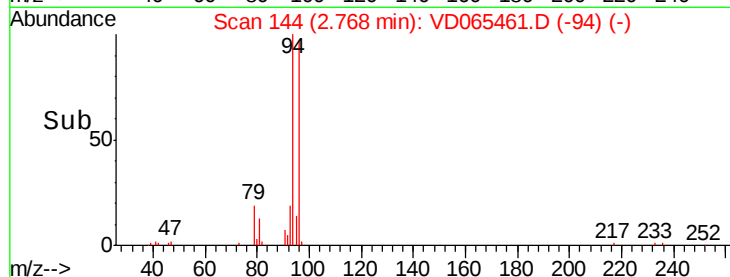
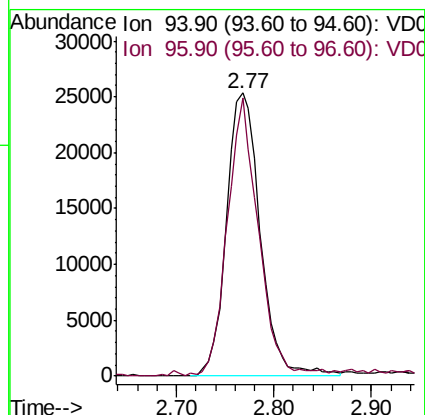
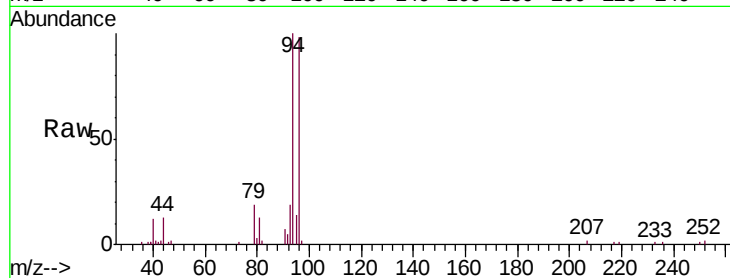
VD0310SBS01

Tgt Ion: 94 Resp: 61086

Ion Ratio Lower Upper

94 100

96 97.1 74.4 111.6



#6

Chloroethane

Concen: 21.856 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065461.D

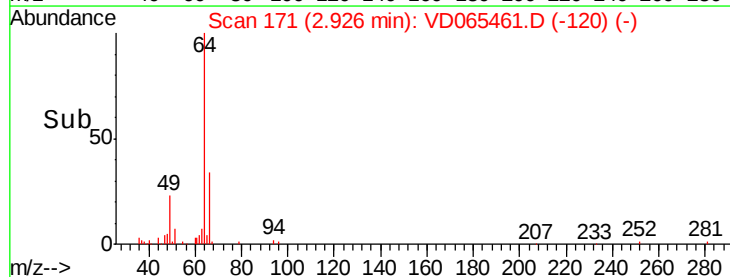
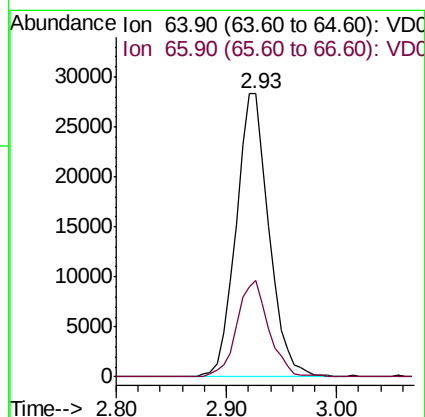
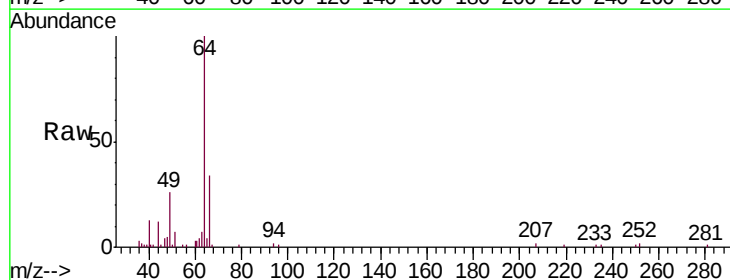
Acq: 10 Mar 2020 13:31

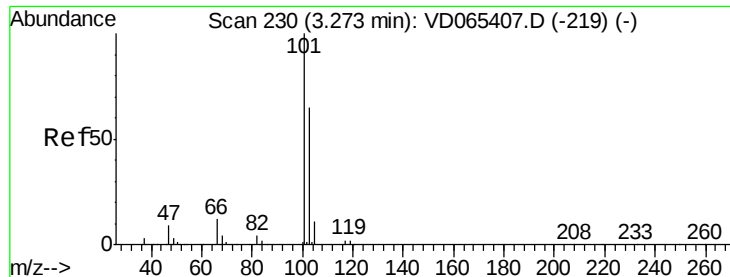
Tgt Ion: 64 Resp: 59304

Ion Ratio Lower Upper

64 100

66 34.3 25.6 38.4



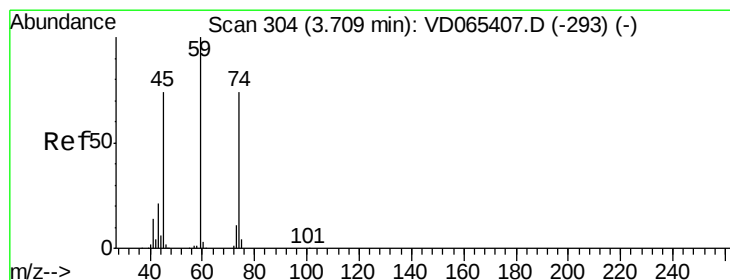
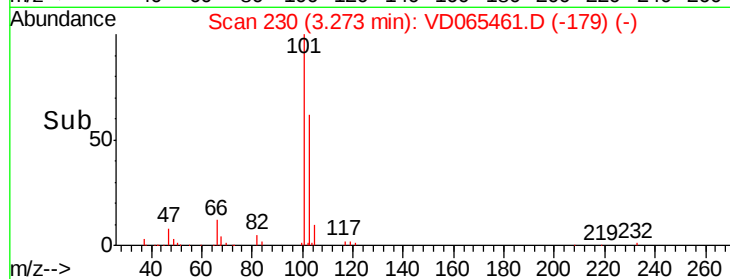
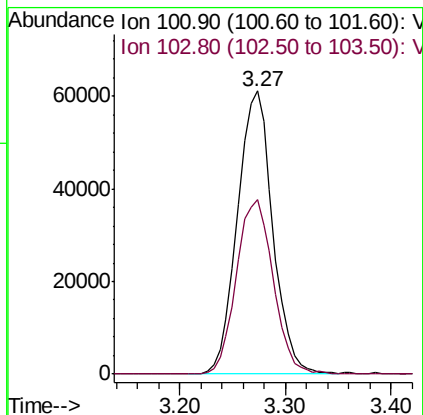
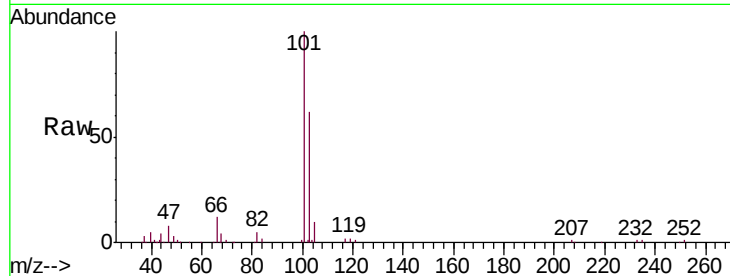


#7

Trichlorofluoromethane
 Concen: 21.733 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065461.D
 Acq: 10 Mar 2020 13:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBS01

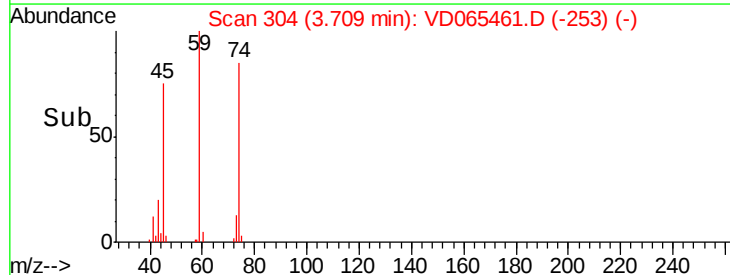
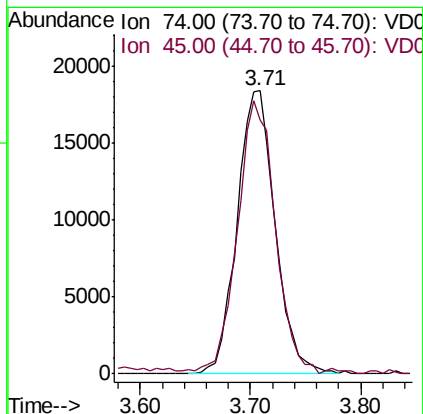
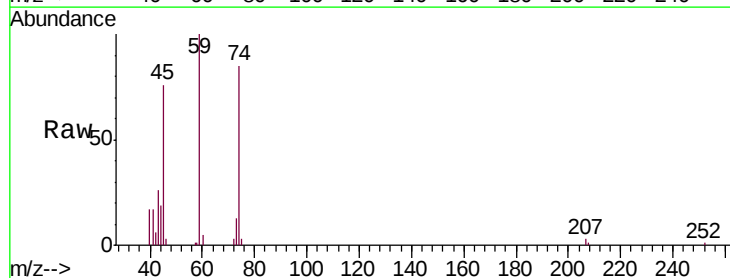
Tgt Ion:101 Resp: 141880
 Ion Ratio Lower Upper
 101 100
 103 61.5 52.1 78.1

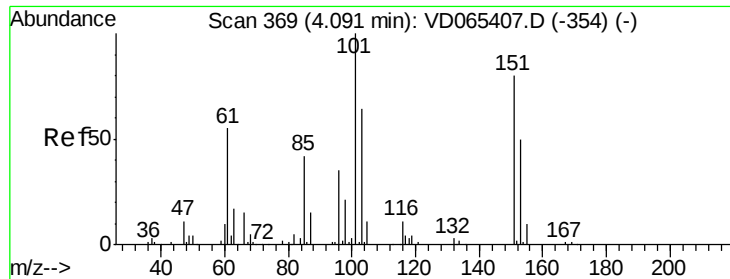


#8

Diethyl Ether
 Concen: 22.961 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD065461.D
 Acq: 10 Mar 2020 13:31

Tgt Ion: 74 Resp: 44575
 Ion Ratio Lower Upper
 74 100
 45 93.4 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.115 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBS01

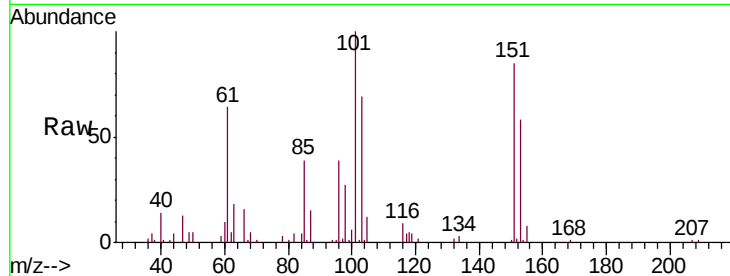
Tgt Ion:101 Resp: 88777

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.2

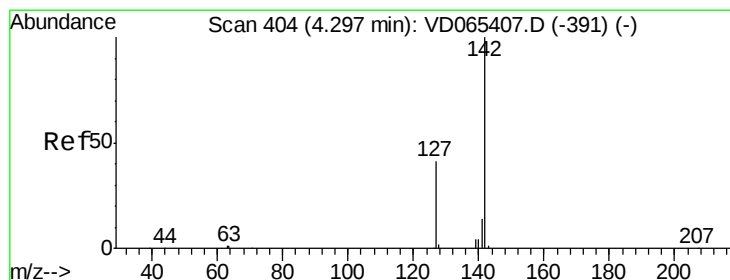
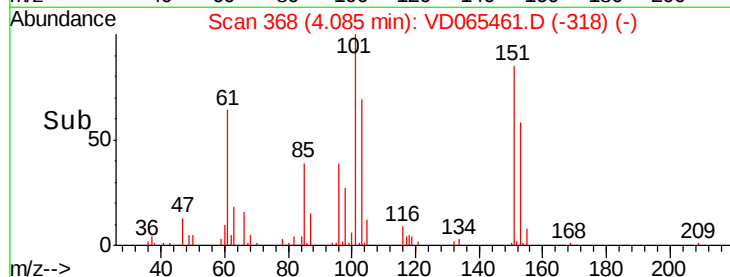
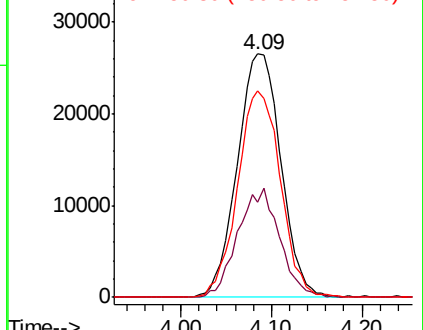
151 83.6 65.1 97.7



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: 18.607 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

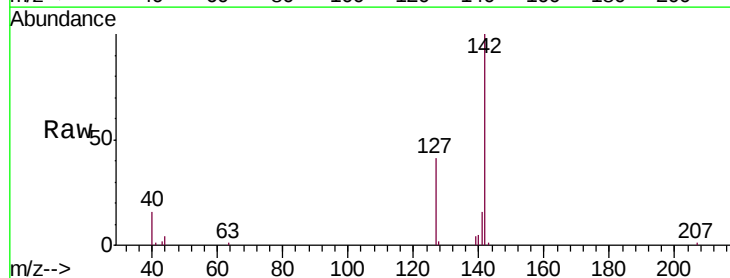
Tgt Ion:142 Resp: 81274

Ion Ratio Lower Upper

142 100

127 44.2 35.0 52.6

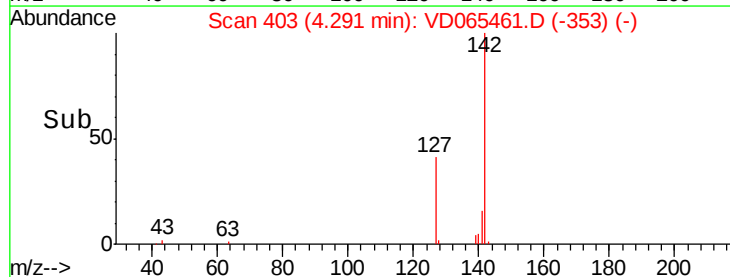
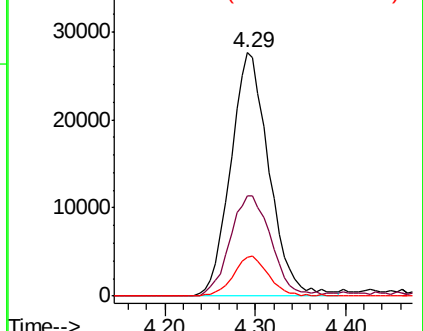
141 15.0 12.4 18.6

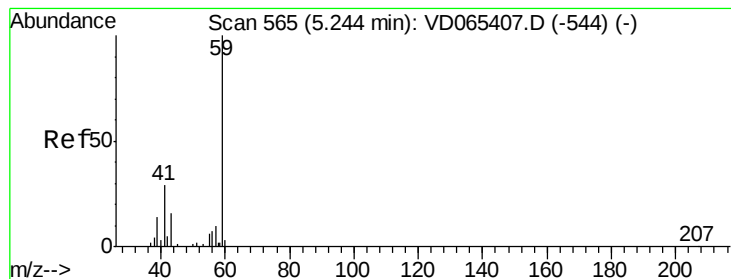


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 172.348 ug/l

RT: 5.24 min Scan# 565

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

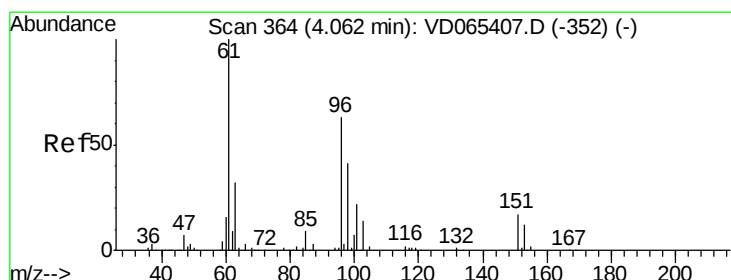
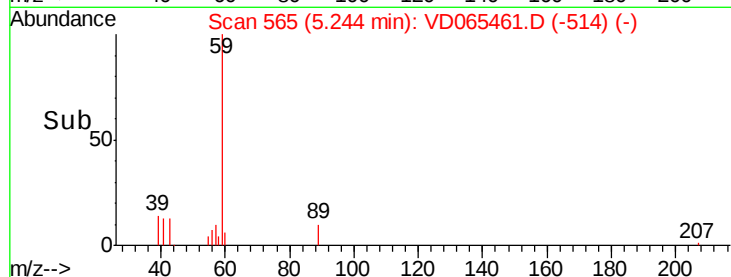
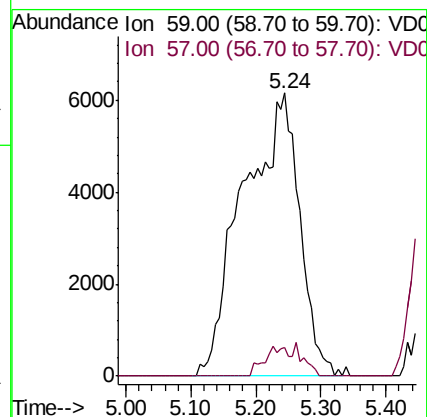
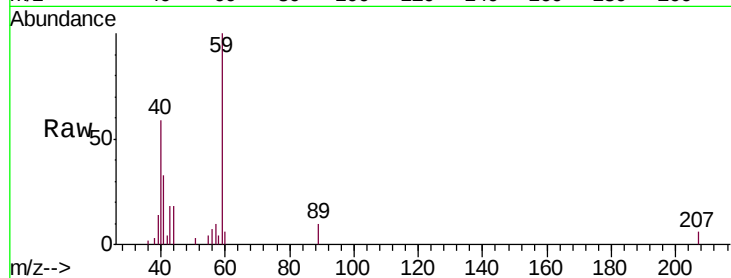
VD0310SBS01

Tgt Ion: 59 Resp: 36710

Ion Ratio Lower Upper

59 100

57 0.0 6.9 10.3#



#12

1,1-Dichloroethene

Concen: 20.639 ug/l

RT: 4.06 min Scan# 363

Delta R.T. -0.01 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

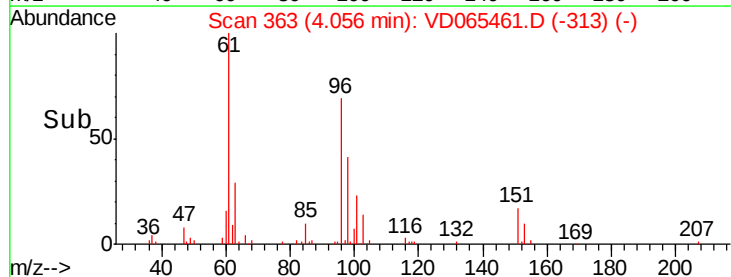
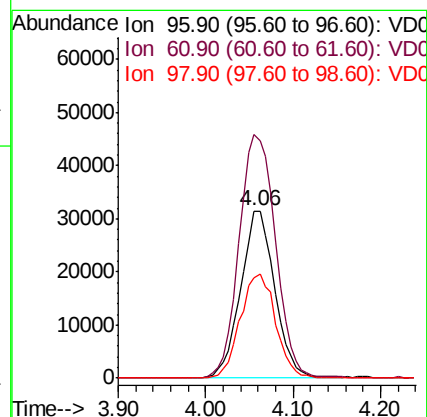
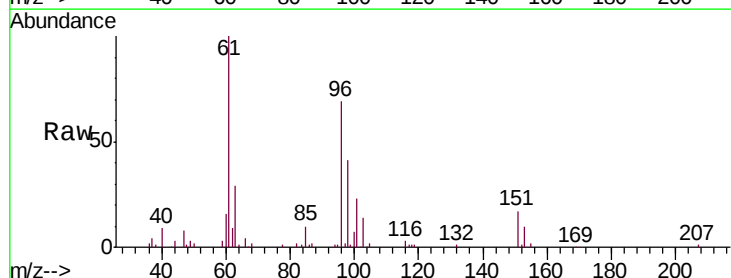
Tgt Ion: 96 Resp: 83094

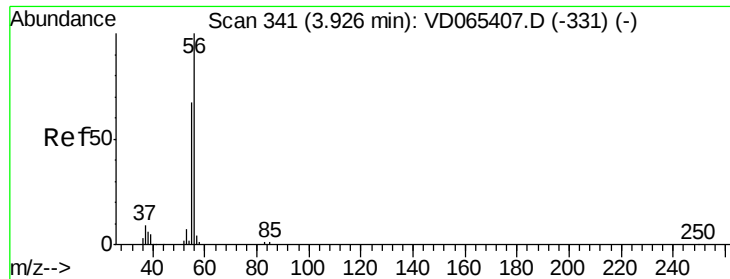
Ion Ratio Lower Upper

96 100

61 145.9 128.0 192.0

98 59.9 51.9 77.9





#13

Acrolein

Concen: 83.538 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

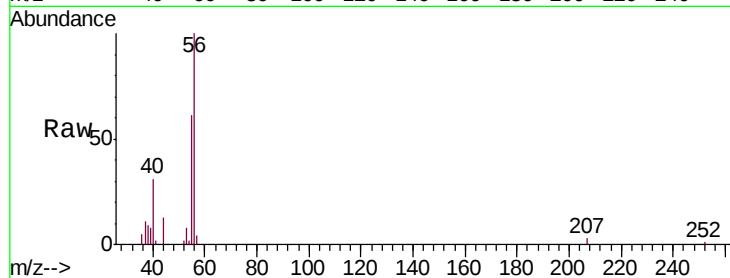
VD0310SBS01

Tgt Ion: 56 Resp: 30687

Ion Ratio Lower Upper

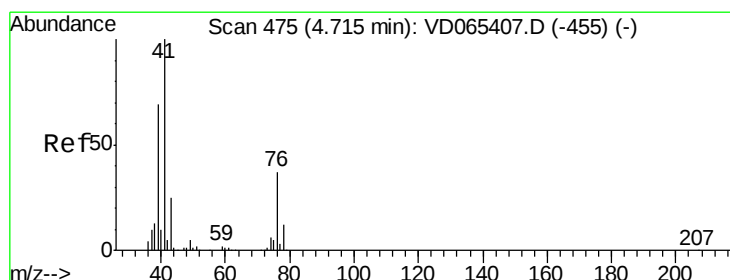
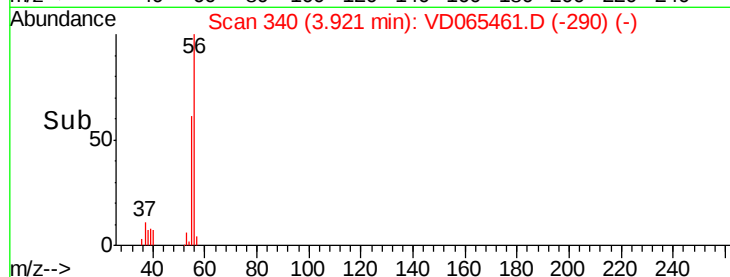
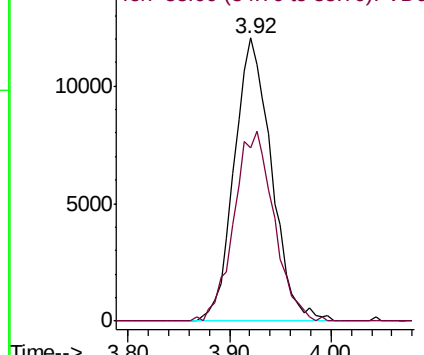
56 100

55 72.3 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 19.968 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

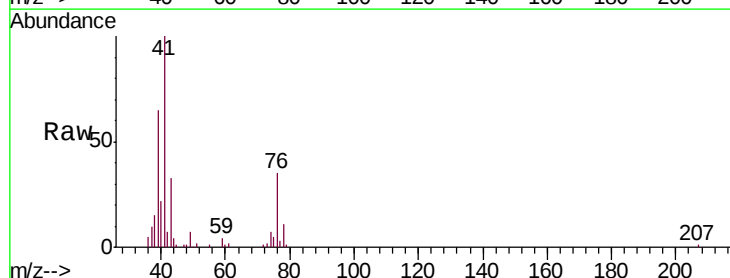
Tgt Ion: 41 Resp: 123494

Ion Ratio Lower Upper

41 100

39 66.4 52.6 79.0

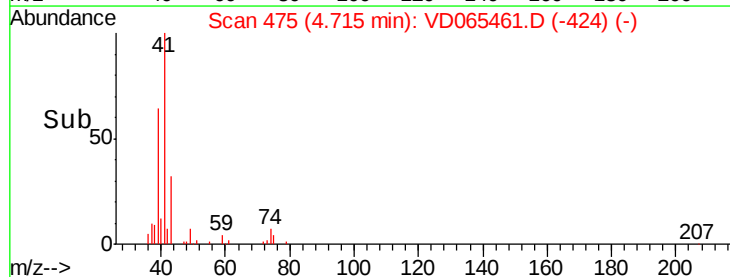
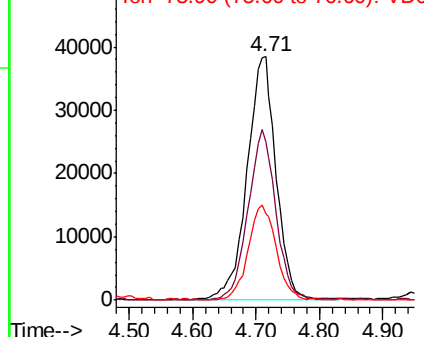
76 37.5 29.2 43.8

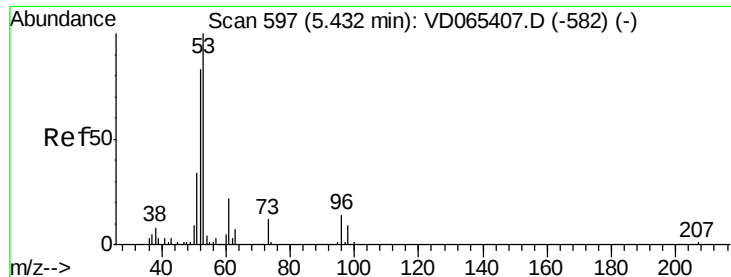


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 109.455 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBS01

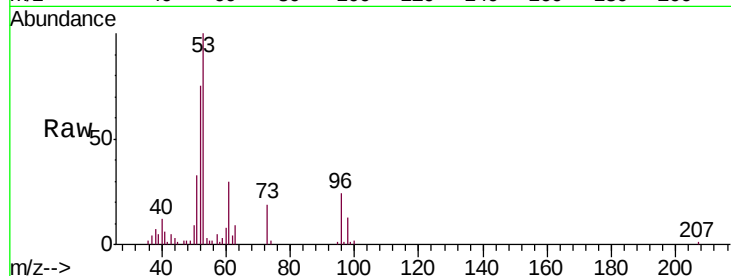
Tgt Ion: 53 Resp: 92443

Ion Ratio Lower Upper

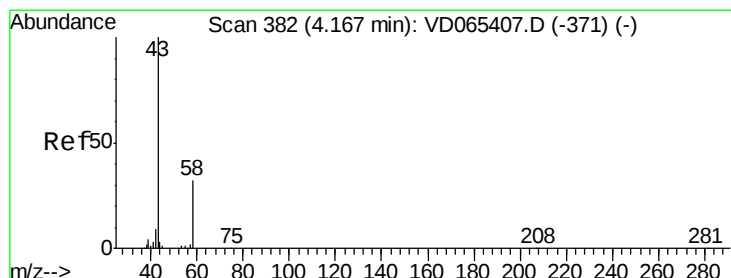
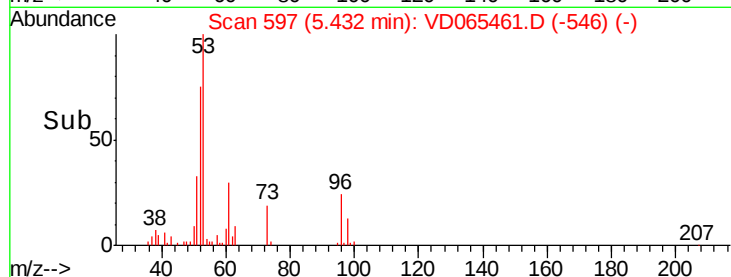
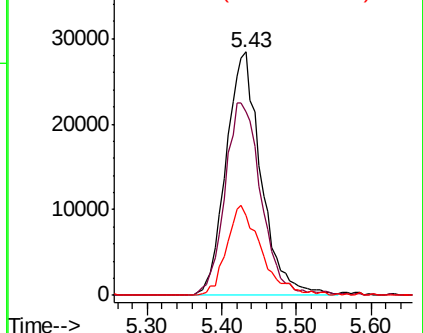
53 100

52 80.8 65.1 97.7

51 36.9 28.5 42.7



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: 105.268 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD065461.D

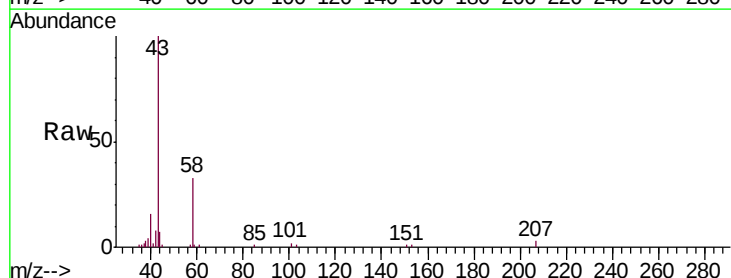
Acq: 10 Mar 2020 13:31

Tgt Ion: 43 Resp: 79056

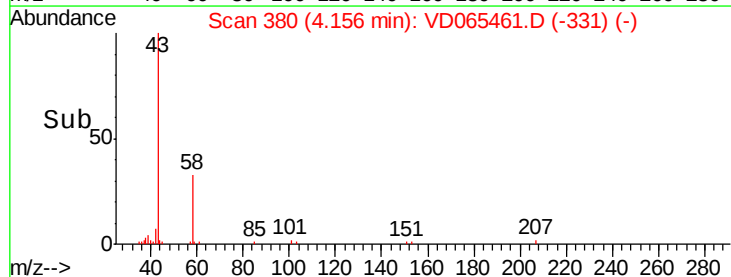
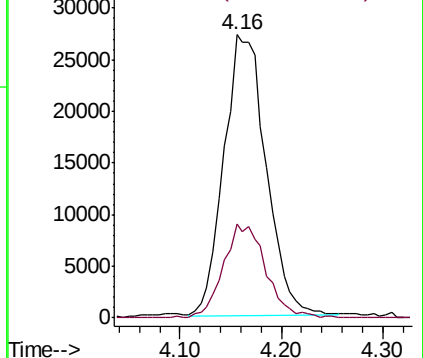
Ion Ratio Lower Upper

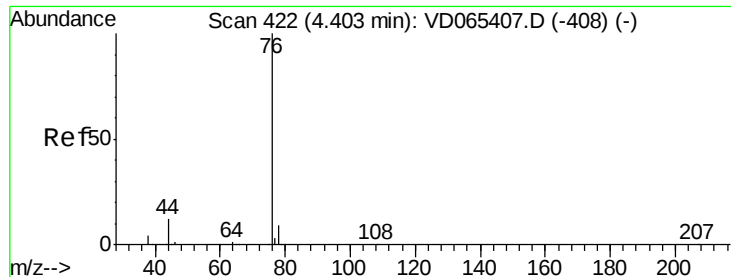
43 100

58 33.4 25.1 37.7



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





#17

Carbon Disulfide

Concen: 20.767 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

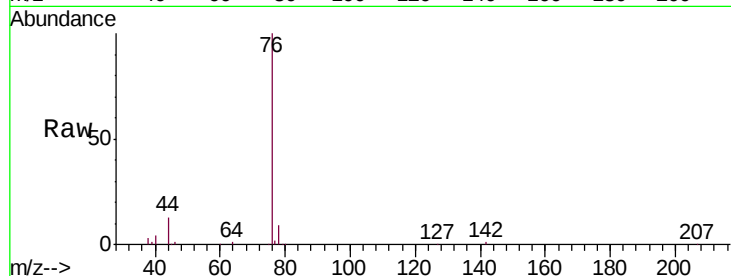
VD0310SBS01

Tgt Ion: 76 Resp: 278427

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

100000

80000

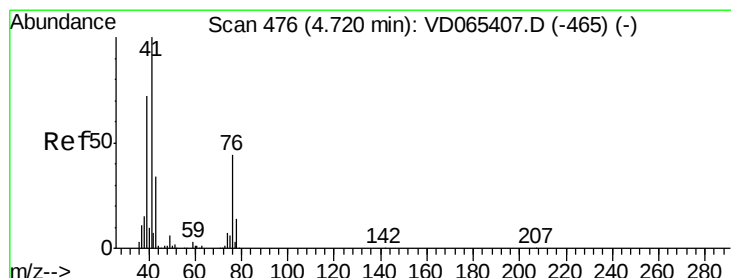
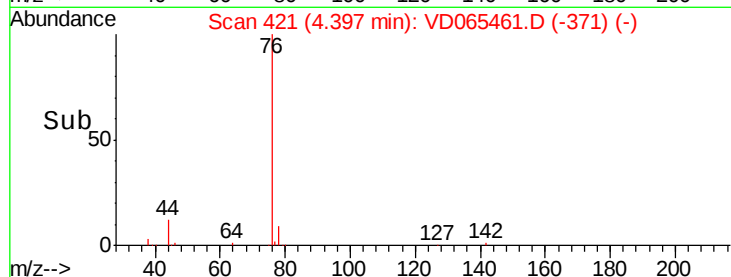
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 23.254 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.01 min

Lab File: VD065461.D

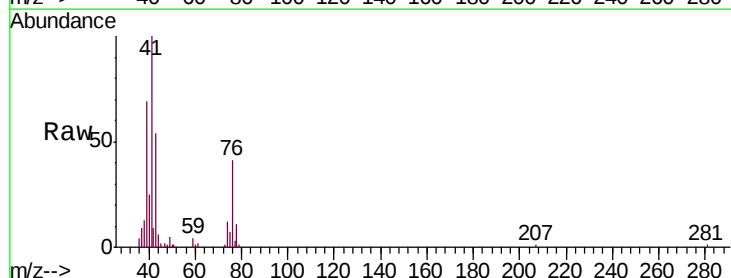
Acq: 10 Mar 2020 13:31

Tgt Ion: 43 Resp: 44299

Ion Ratio Lower Upper

43 100

74 23.5 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.73

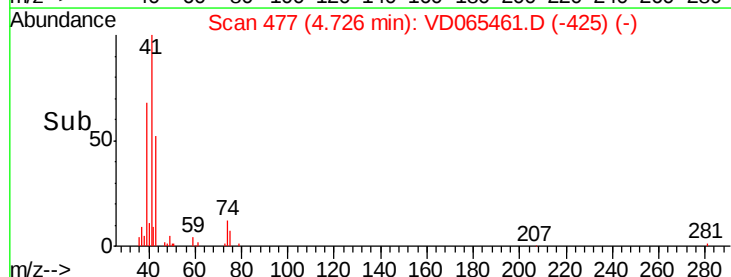
15000

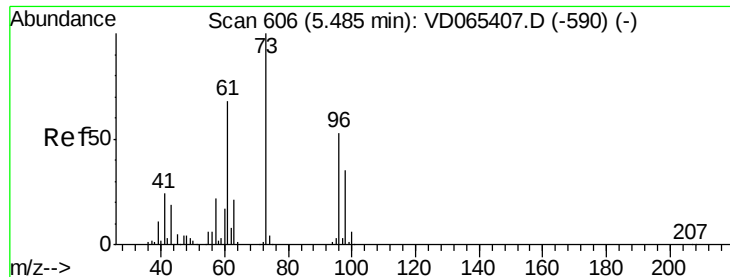
10000

5000

0

Time-->

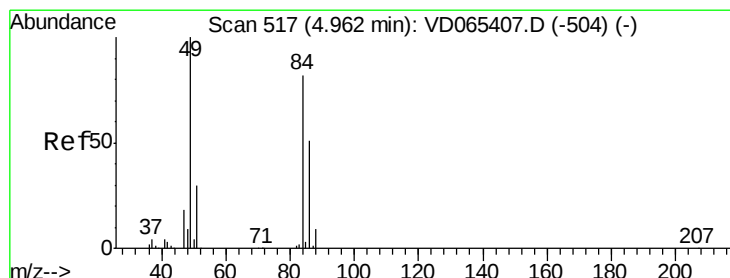
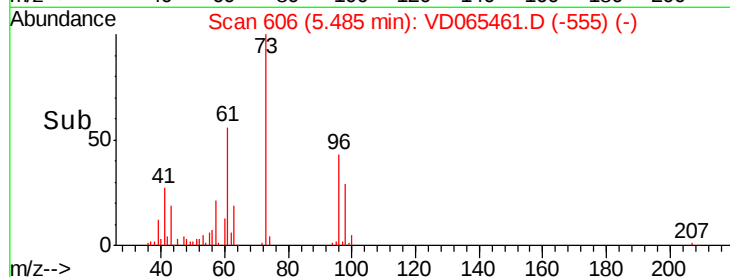
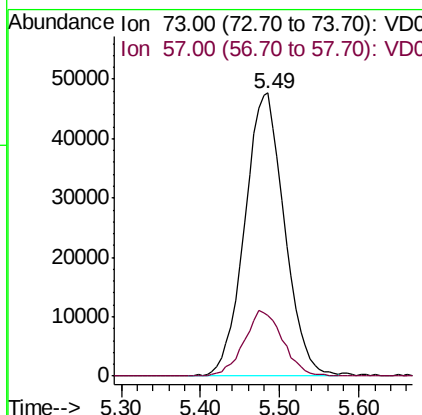
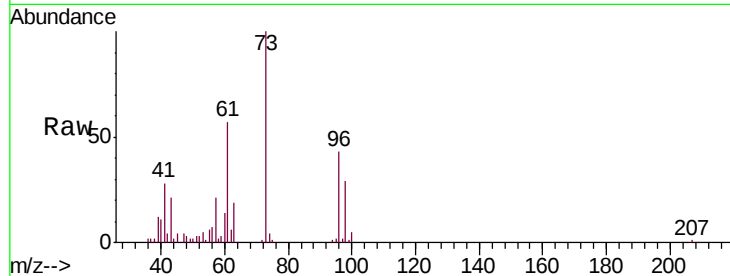




#19
Methyl tert-butyl Ether
Concen: 21.454 ug/l
RT: 5.49 min Scan# 606
Delta R.T. 0.00 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

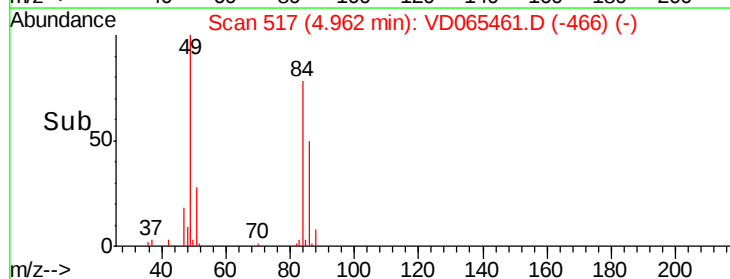
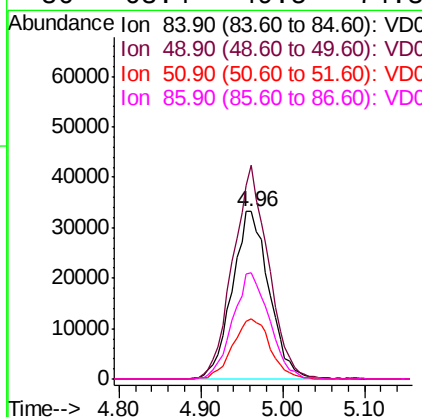
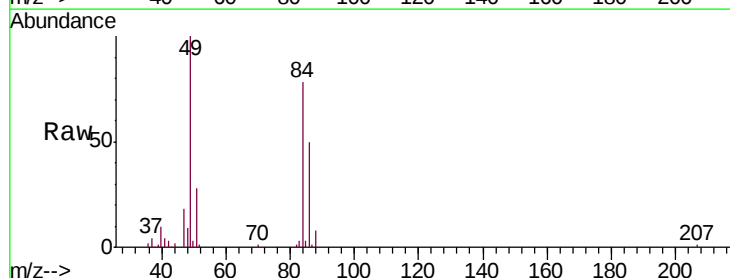
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBS01

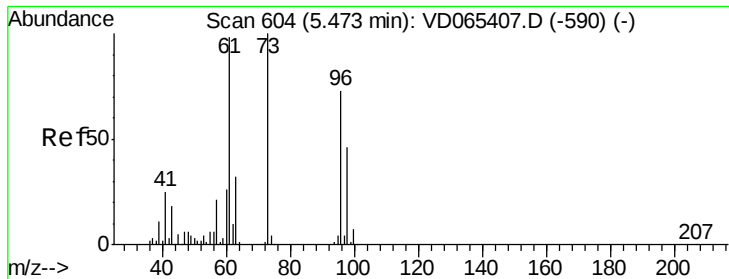
Tgt Ion: 73 Resp: 166100
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 23.780 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

Tgt Ion: 84 Resp: 104374
Ion Ratio Lower Upper
84 100
49 127.4 97.7 146.5
51 35.6 28.8 43.2
86 63.4 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 21.158 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBS01

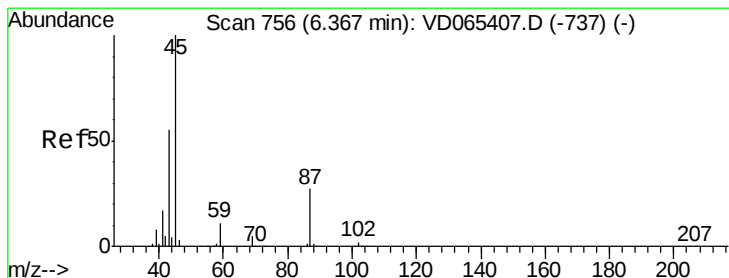
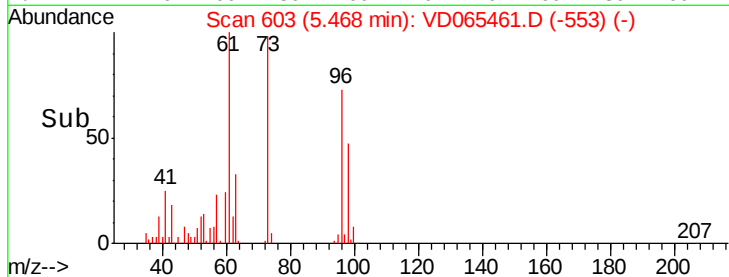
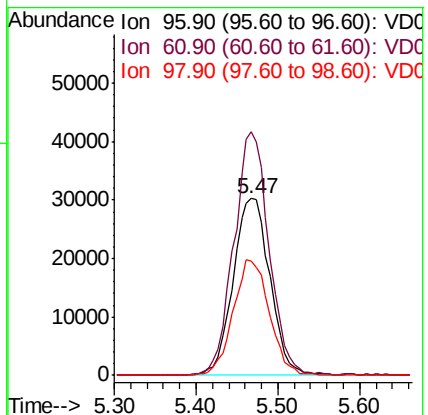
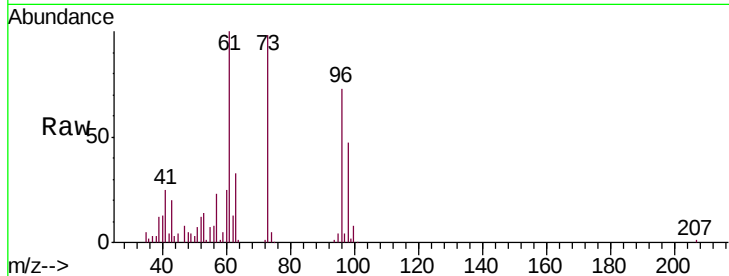
Tgt Ion: 96 Resp: 94758

Ion Ratio Lower Upper

96 100

61 137.7 106.3 159.5

98 64.5 50.2 75.4



#22

Diisopropyl ether

Concen: 22.404 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Tgt Ion: 45 Resp: 257580

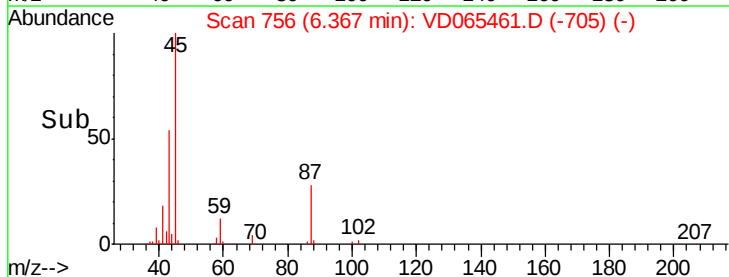
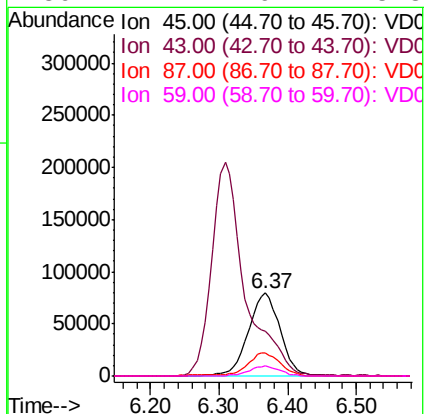
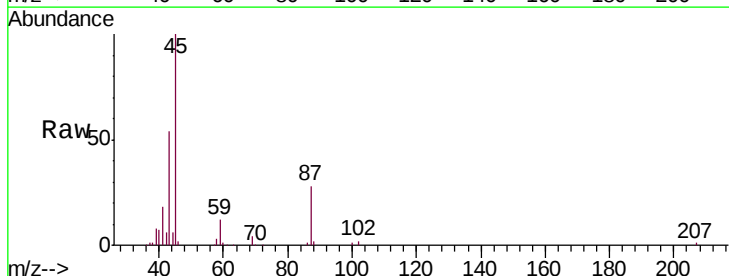
Ion Ratio Lower Upper

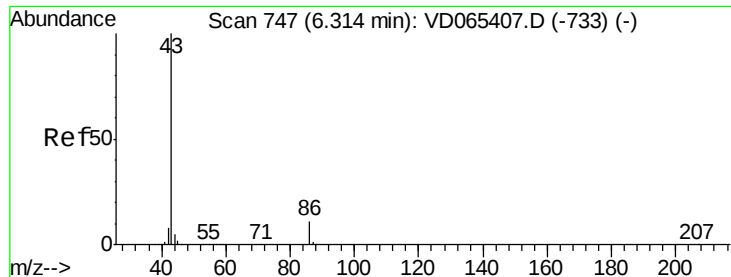
45 100

43 52.9 44.4 66.6

87 27.9 21.9 32.9

59 12.2 9.2 13.8





#23

Vinyl Acetate

Concen: 108.563 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

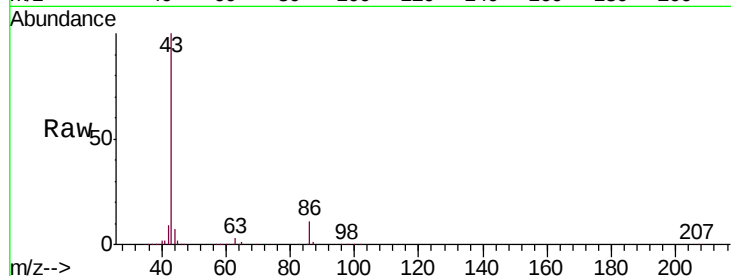
VD0310SBS01

Tgt Ion: 43 Resp: 693027

Ion Ratio Lower Upper

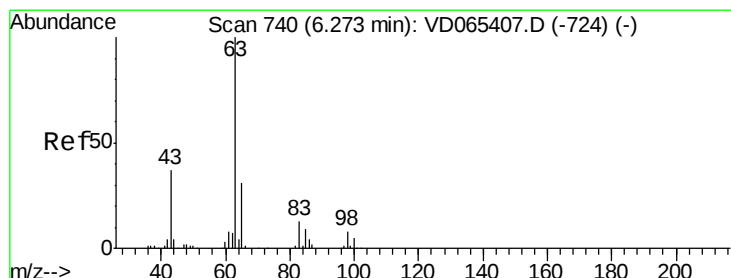
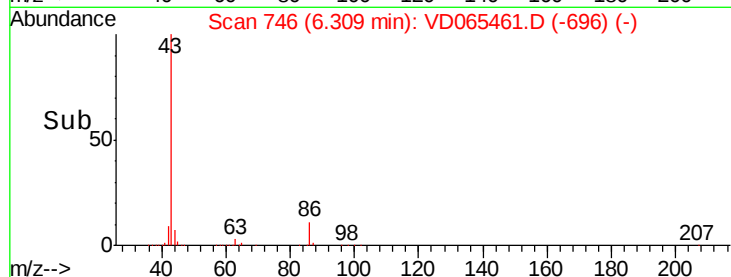
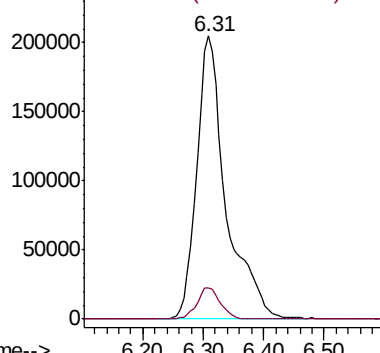
43 100

86 10.9 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 21.735 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

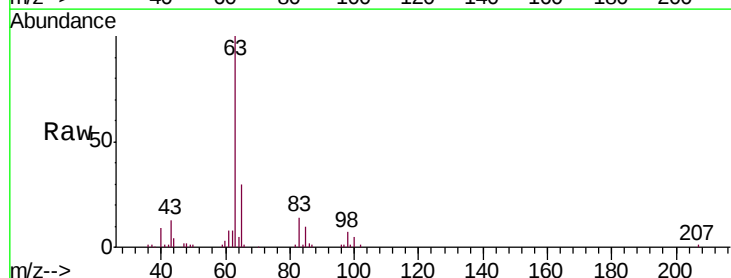
Tgt Ion: 63 Resp: 160281

Ion Ratio Lower Upper

63 100

98 7.0 4.2 12.6

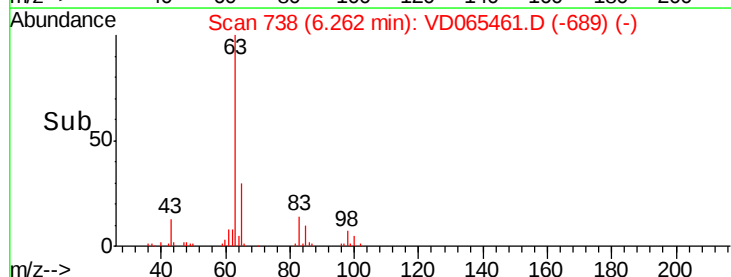
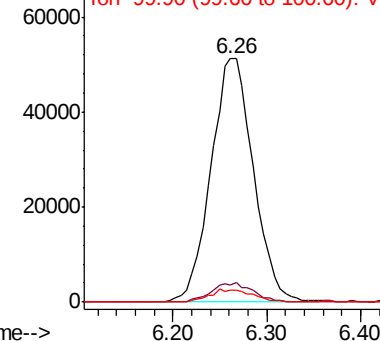
100 4.8 2.4 7.2

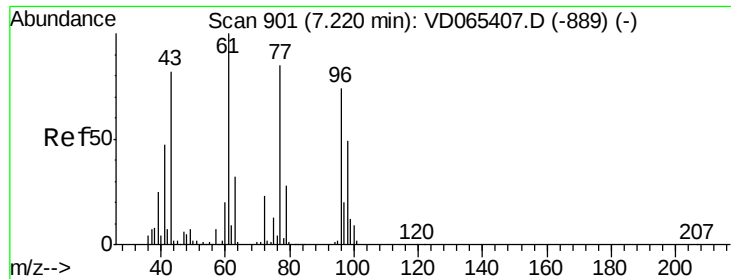


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 105.678 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

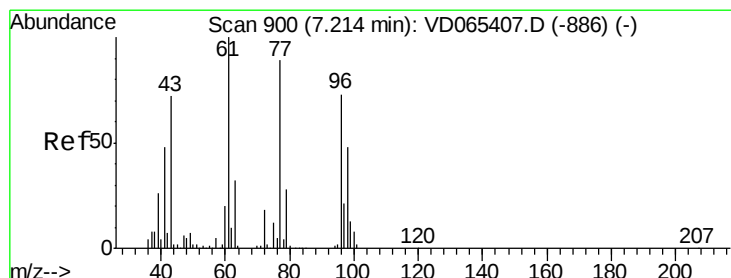
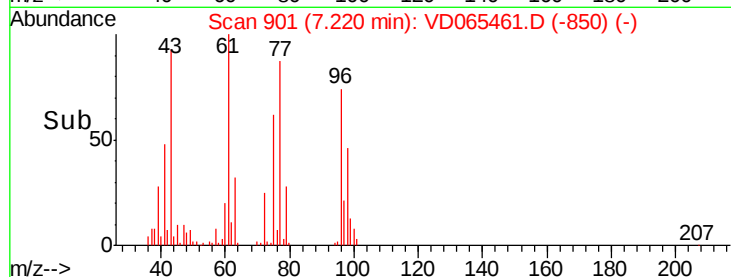
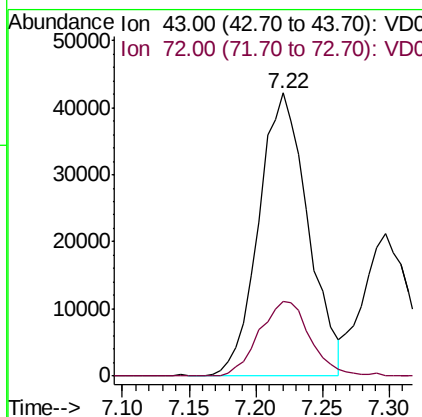
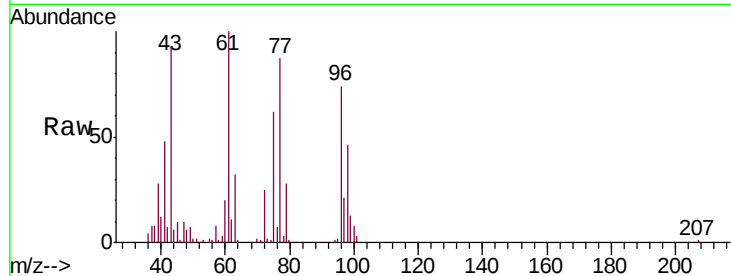
VD0310SBS01

Tgt Ion: 43 Resp: 108304

Ion Ratio Lower Upper

43 100

72 26.4 22.3 33.5



#26

2,2-Dichloropropane

Concen: 21.377 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065461.D

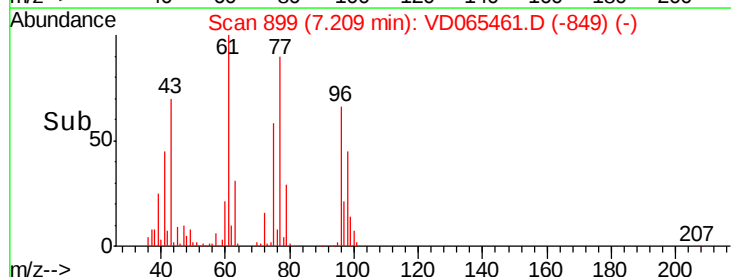
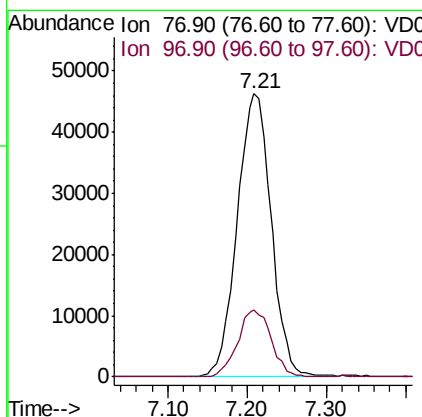
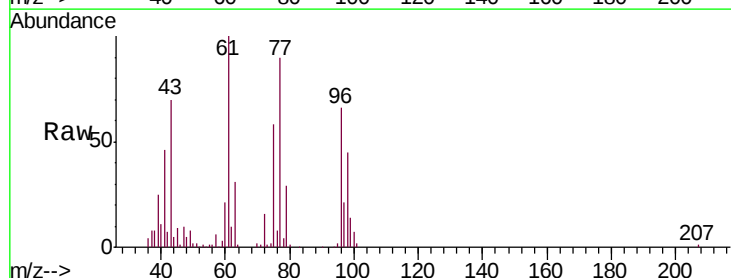
Acq: 10 Mar 2020 13:31

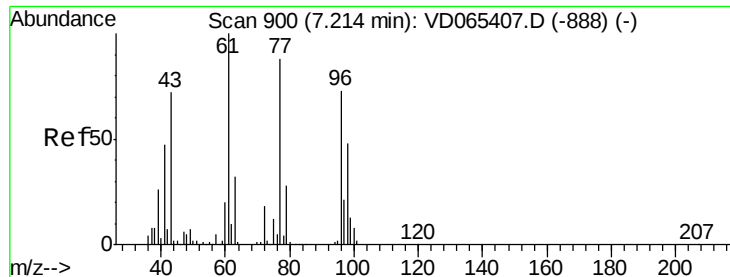
Tgt Ion: 77 Resp: 137757

Ion Ratio Lower Upper

77 100

97 23.2 11.8 35.4

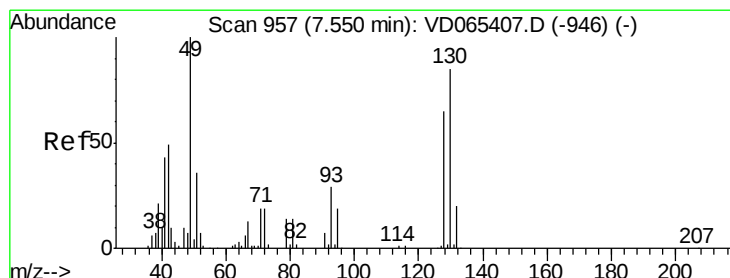
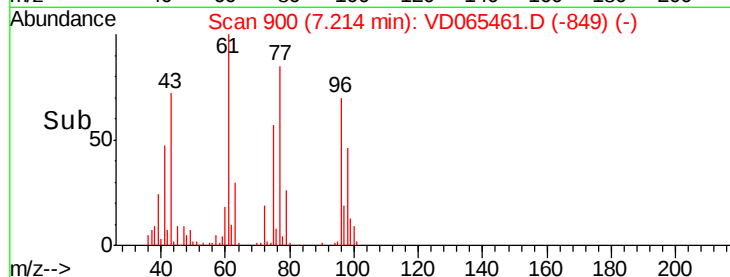
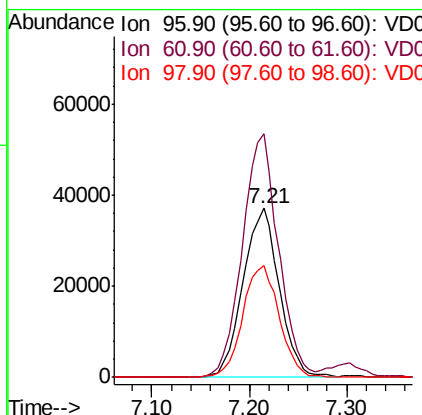
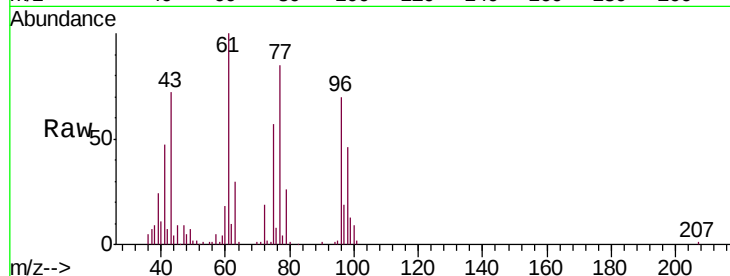




#27
 cis-1,2-Dichloroethene
 Concen: 21.112 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD065461.D
 Acq: 10 Mar 2020 13:31

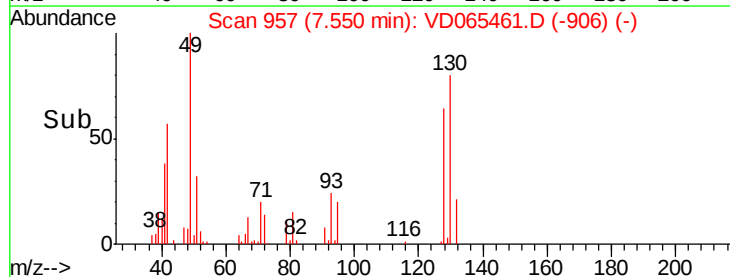
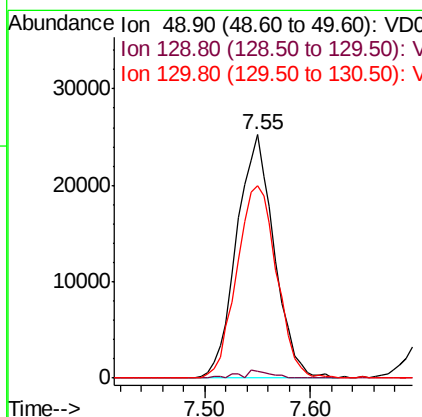
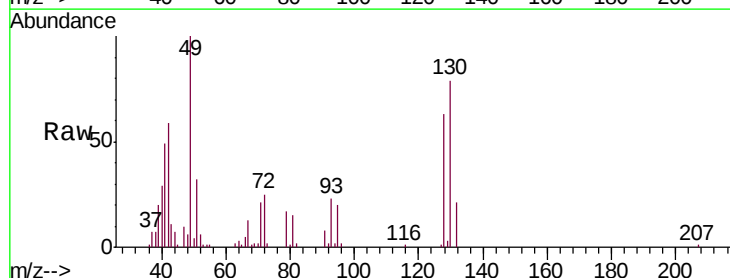
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBS01

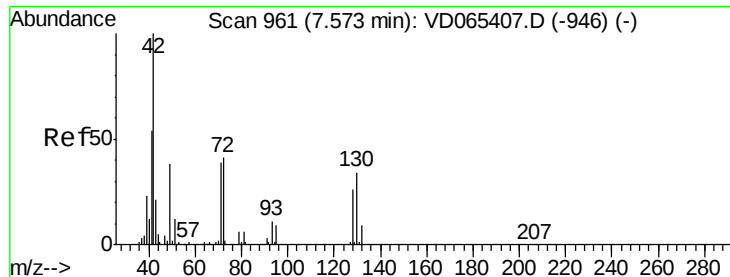
Tgt Ion: 96 Resp: 96646
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 280.4
 98 66.6 0.0 132.6



#28
 Bromochloromethane
 Concen: 21.047 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD065461.D
 Acq: 10 Mar 2020 13:31

Tgt Ion: 49 Resp: 62096
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 84.2 66.6 100.0

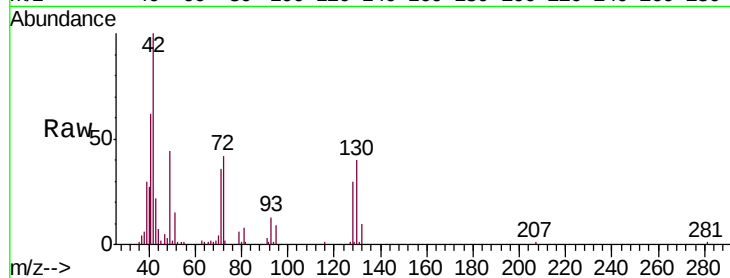




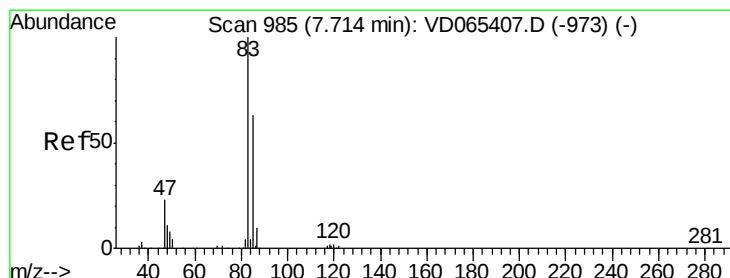
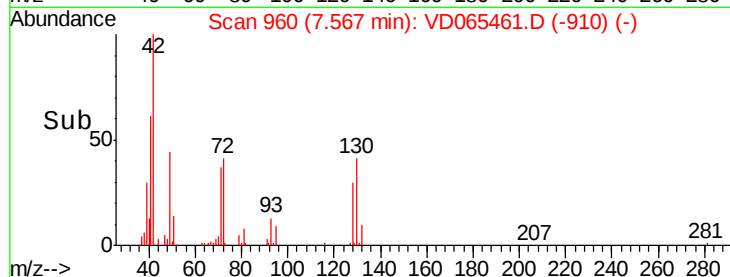
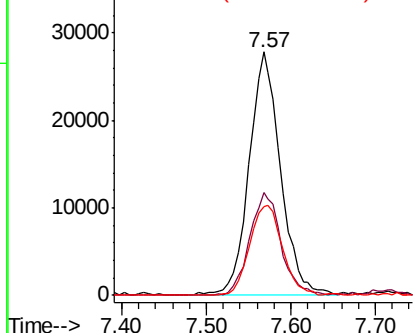
#29
Tetrahydrofuran
Concen: 110.556 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

Instrument :
MSVOA_D
ClientSampleId :
VD0310SBS01

Tgt Ion: 42 Resp: 72357
Ion Ratio Lower Upper
42 100
72 41.9 33.0 49.6
71 38.5 32.0 48.0

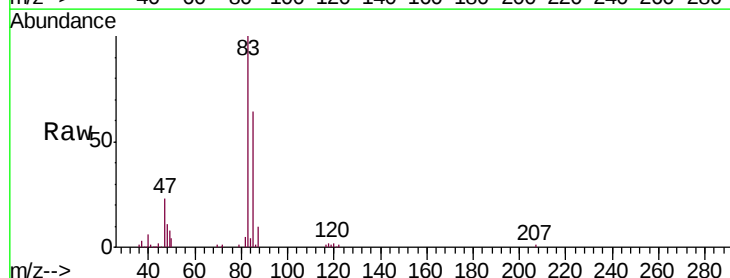


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

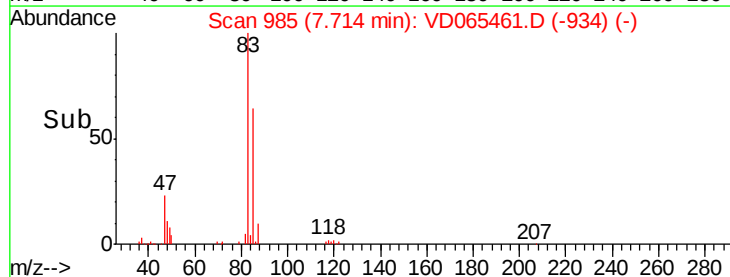
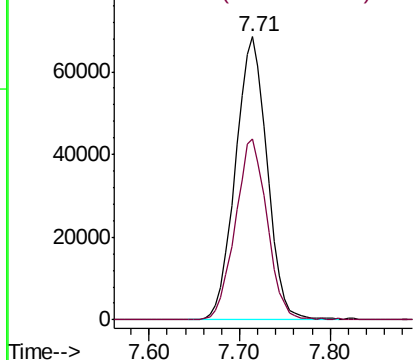


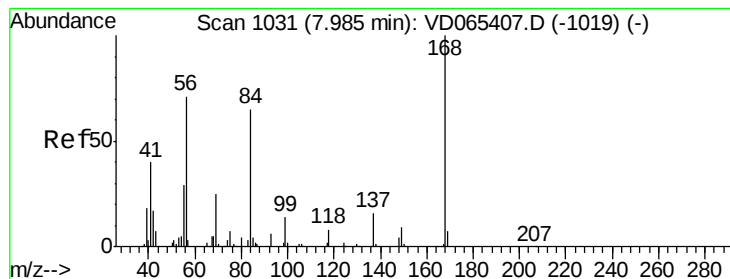
#30
Chloroform
Concen: 22.544 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

Tgt Ion: 83 Resp: 166168
Ion Ratio Lower Upper
83 100
85 64.1 50.3 75.5



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





#31

Cyclohexane

Concen: 19.887 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBS01

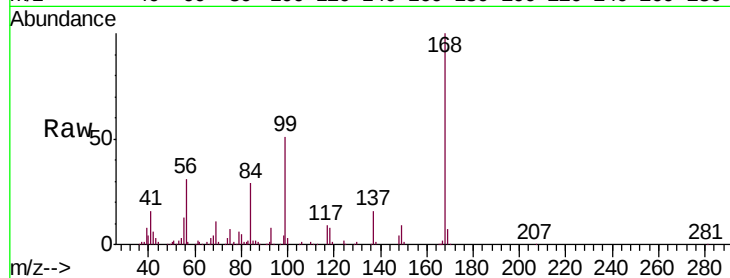
Tgt Ion: 56 Resp: 146640

Ion Ratio Lower Upper

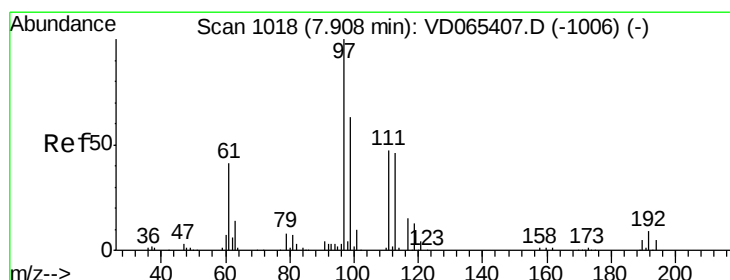
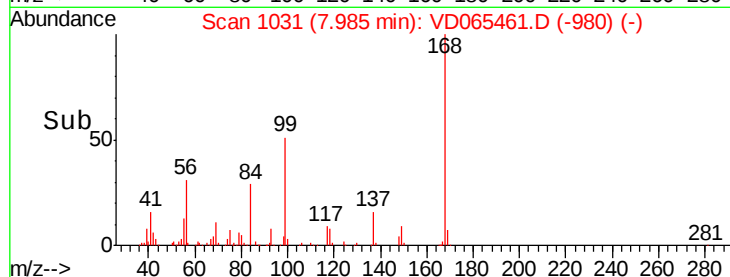
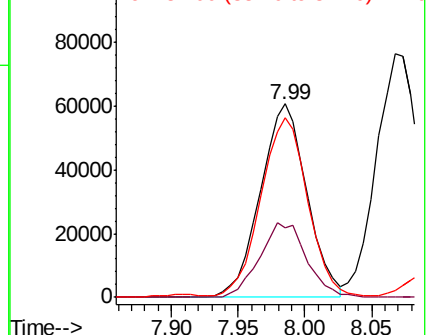
56 100

69 35.9 28.3 42.5

84 91.7 73.1 109.7



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: 21.578 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

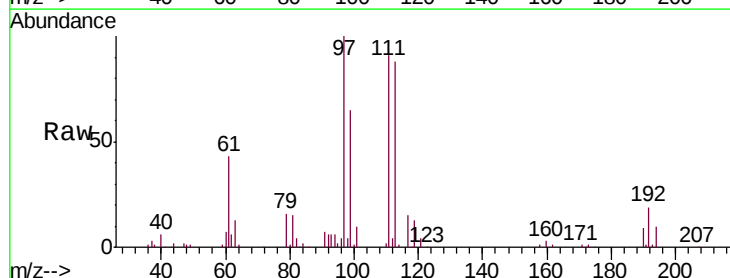
Tgt Ion: 97 Resp: 146977

Ion Ratio Lower Upper

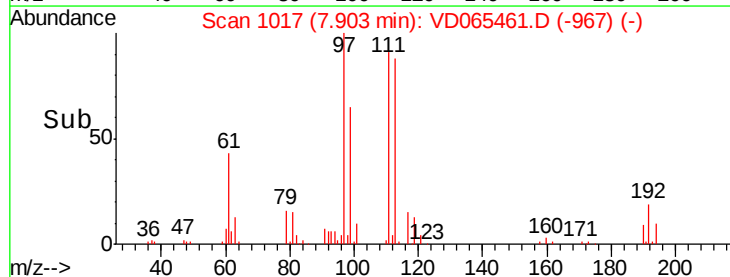
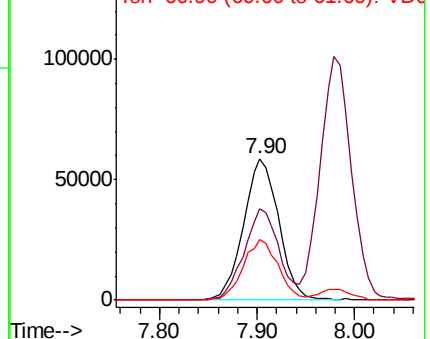
97 100

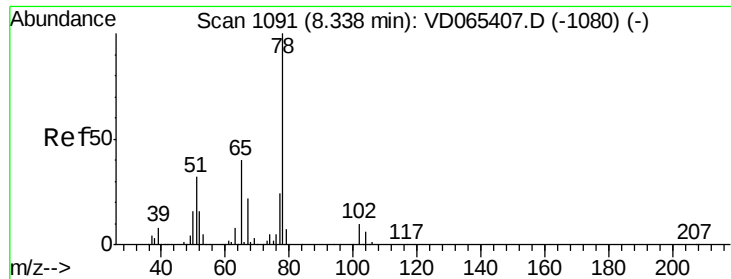
99 65.0 50.9 76.3

61 42.5 33.2 49.8



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

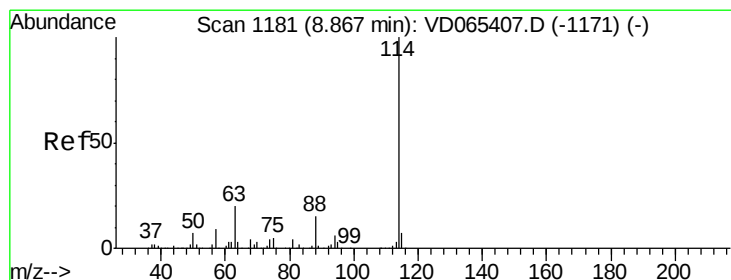
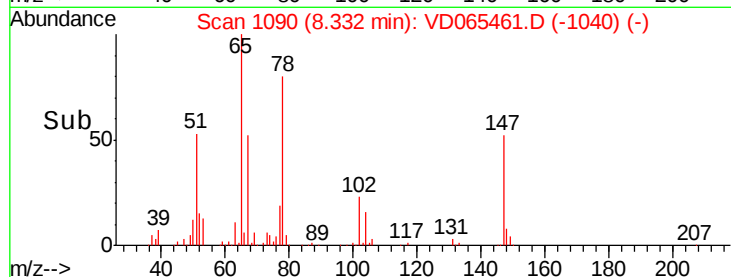
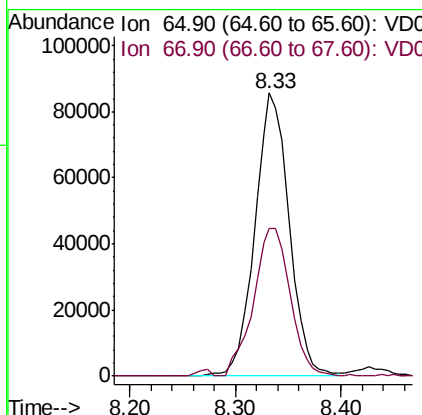
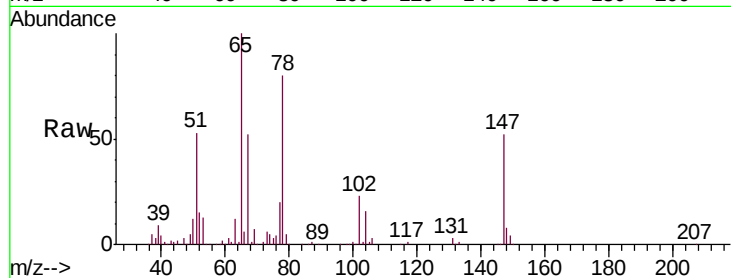




#33
 1,2-Dichloroethane-d4
 Concen: 51.901 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065461.D
 Acq: 10 Mar 2020 13:31

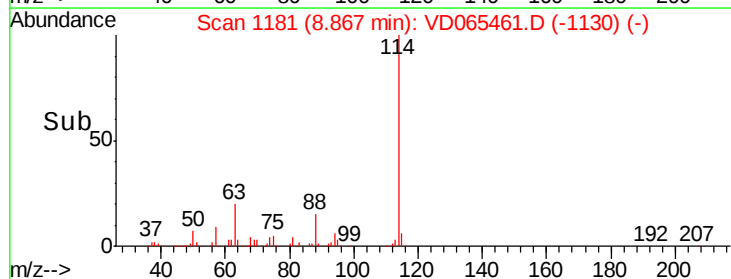
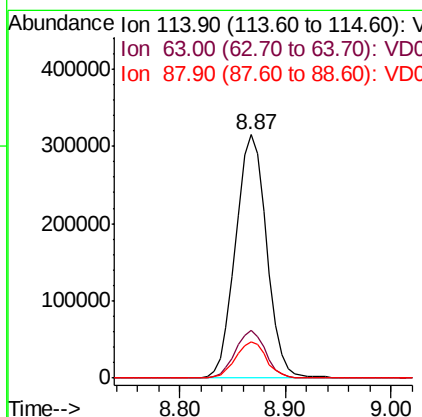
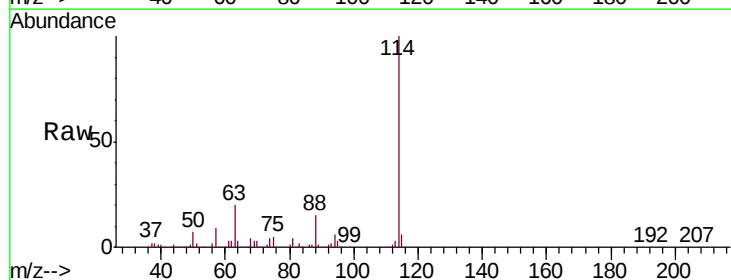
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBS01

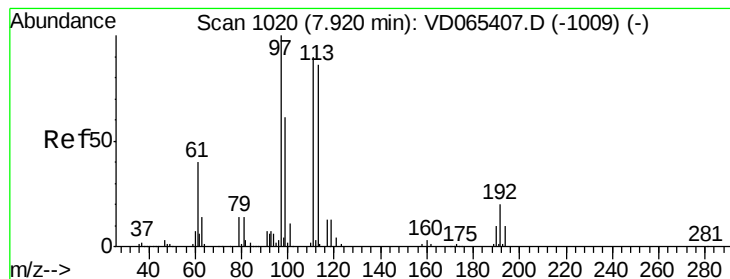
Tgt Ion: 65 Resp: 192730
 Ion Ratio Lower Upper
 65 100
 67 56.3 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065461.D
 Acq: 10 Mar 2020 13:31

Tgt Ion: 114 Resp: 641395
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.6
 88 15.1 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.104 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBS01

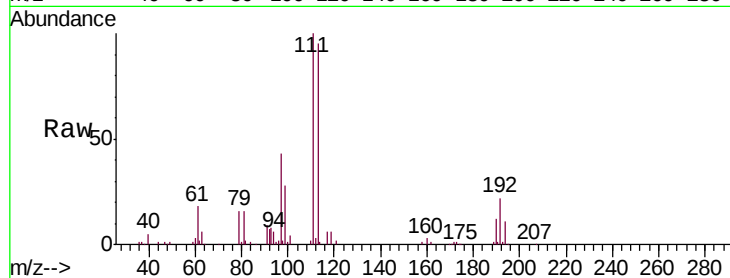
Tgt Ion:113 Resp: 198733

Ion Ratio Lower Upper

113 100

111 104.3 82.1 123.1

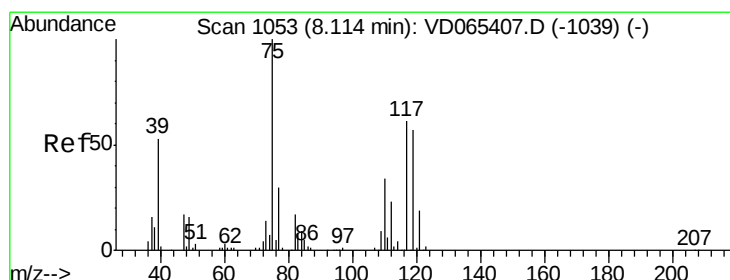
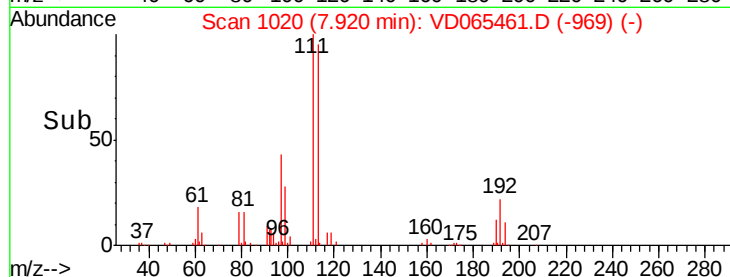
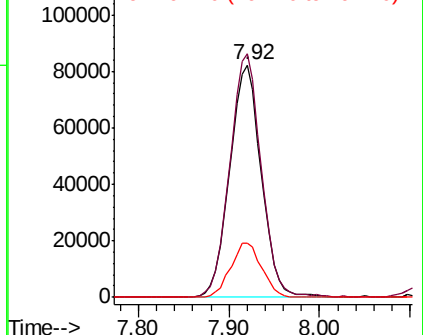
192 23.1 17.2 25.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.893 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

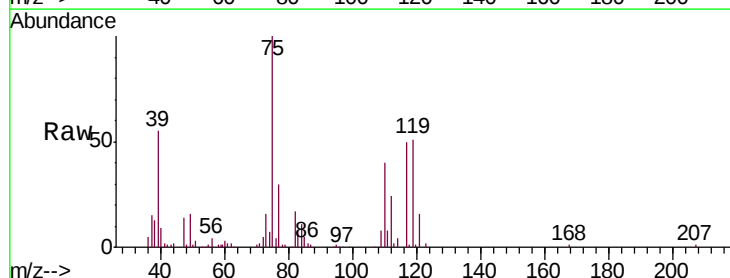
Tgt Ion: 75 Resp: 128452

Ion Ratio Lower Upper

75 100

110 37.4 18.1 54.1

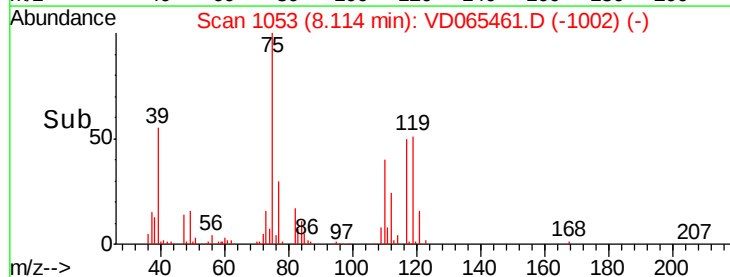
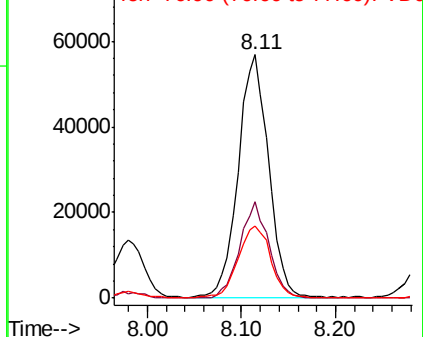
77 31.6 25.2 37.8

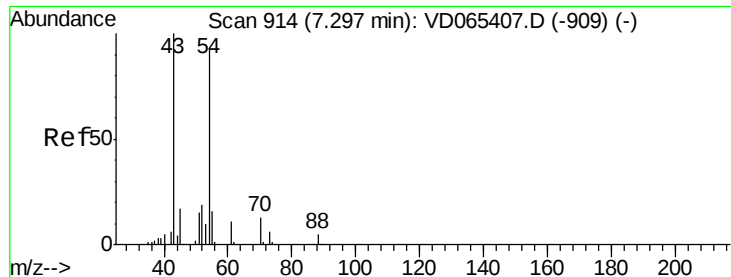


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

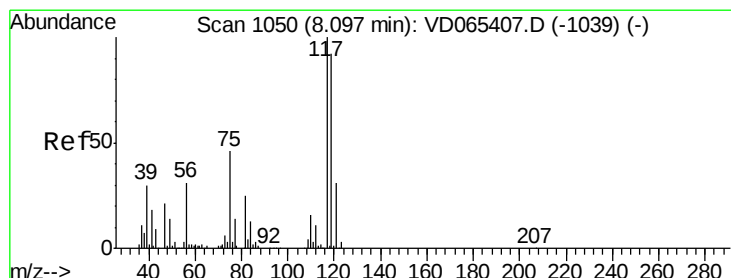
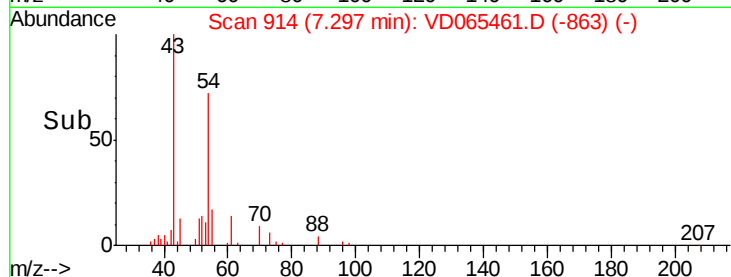
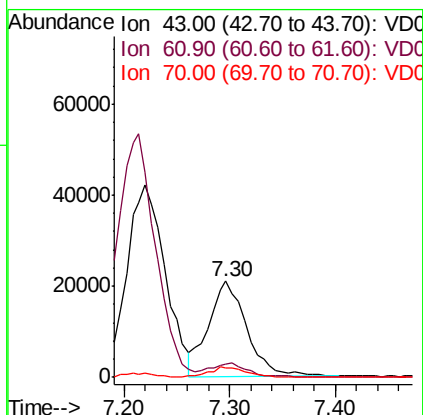
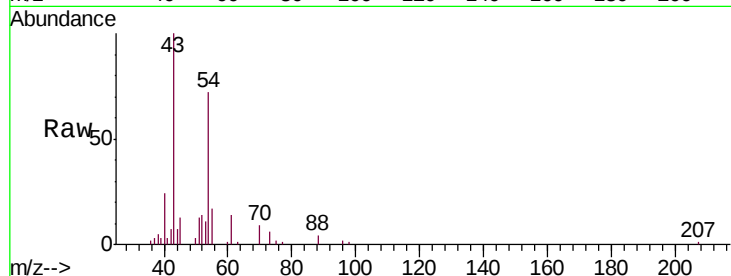




#37
Ethyl Acetate
Concen: 22.311 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

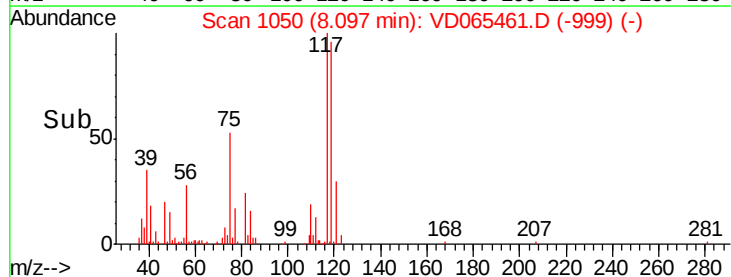
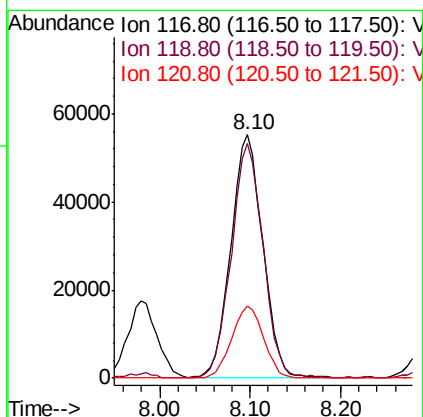
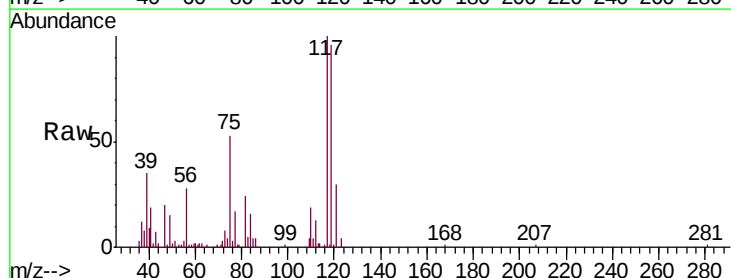
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBS01

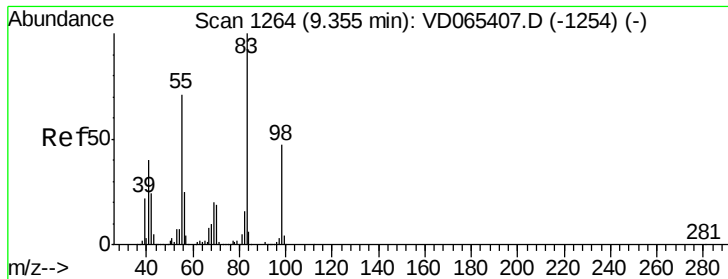
Tgt Ion: 43 Resp: 53018
Ion Ratio Lower Upper
43 100
61 15.3 11.4 17.0
70 10.3 9.0 13.4



#38
Carbon Tetrachloride
Concen: 21.084 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

Tgt Ion: 117 Resp: 134421
Ion Ratio Lower Upper
117 100
119 96.5 73.3 109.9
121 29.9 25.0 37.4

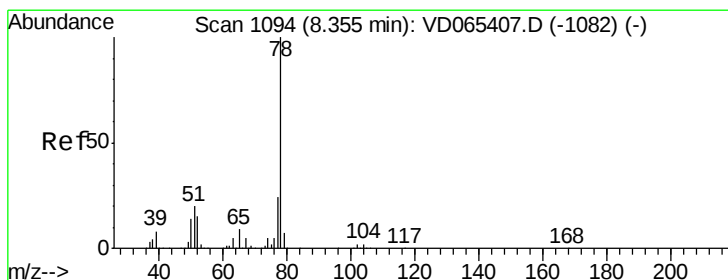
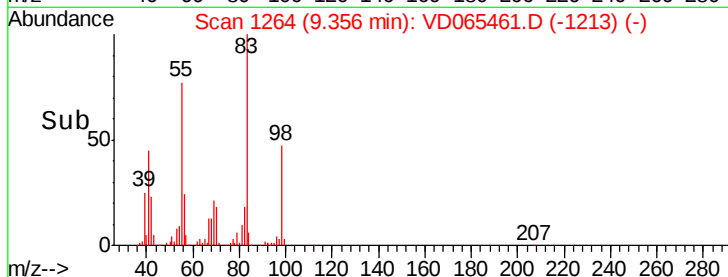
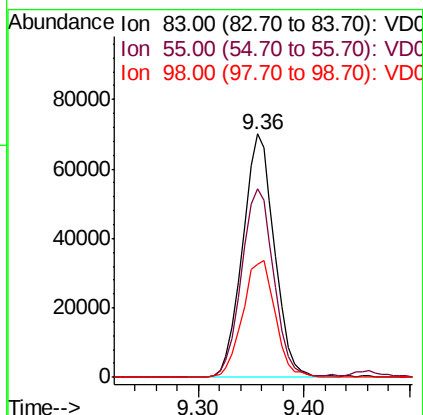
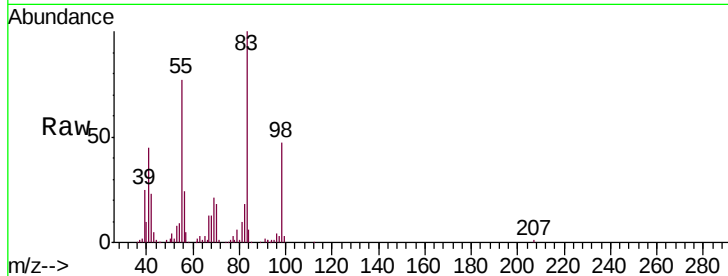




#39
Methylcyclohexane
Concen: 19.780 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

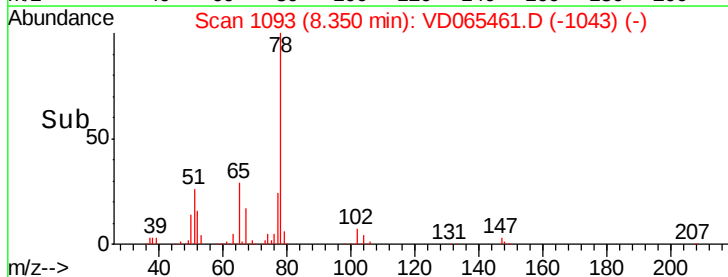
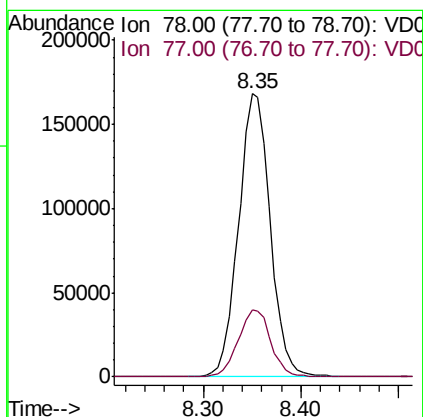
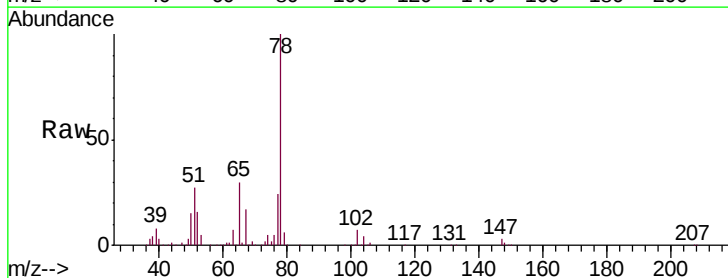
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBS01

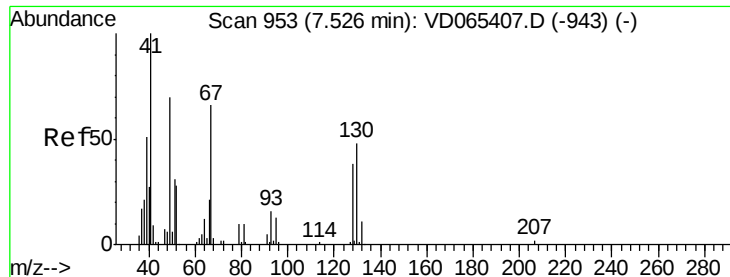
Tgt Ion: 83 Resp: 146882
Ion Ratio Lower Upper
83 100
55 77.4 57.1 85.7
98 46.6 37.8 56.8



#40
Benzene
Concen: 22.192 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

Tgt Ion: 78 Resp: 381490
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

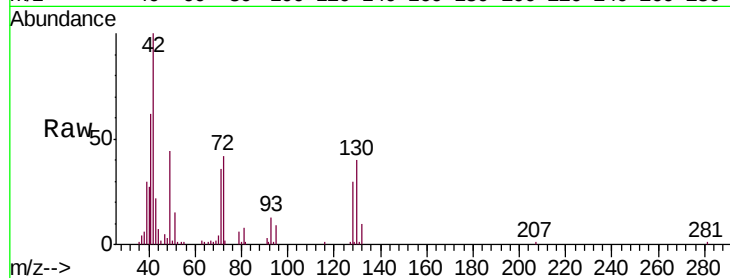




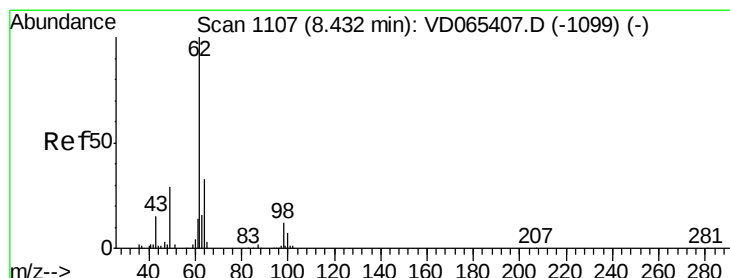
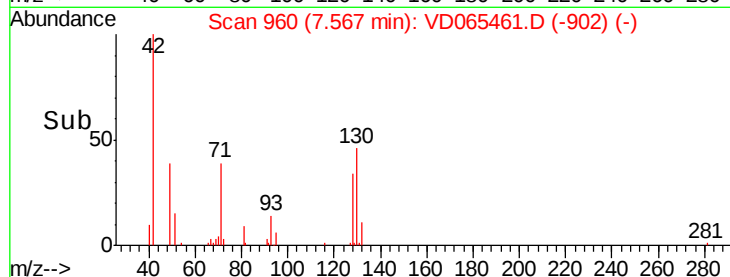
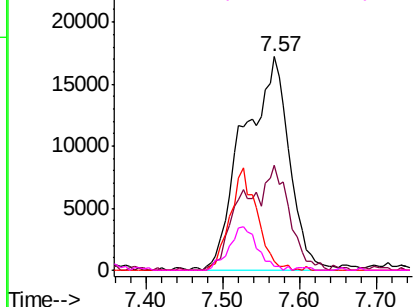
#41
Methacrylonitrile
Concen: 56.854 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.04 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

Instrument :
MSVOA_D
ClientSampleId :
VD0310SBS01

Tgt Ion: 41 Resp: 71451
Ion Ratio Lower Upper
41 100
39 25.8 55.0 82.6#
67 0.0 70.3 105.5#
52 0.0 30.7 46.1#

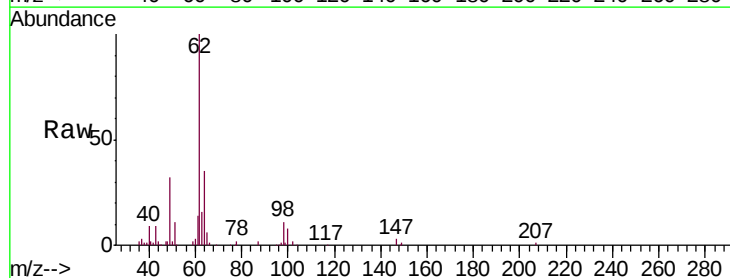


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

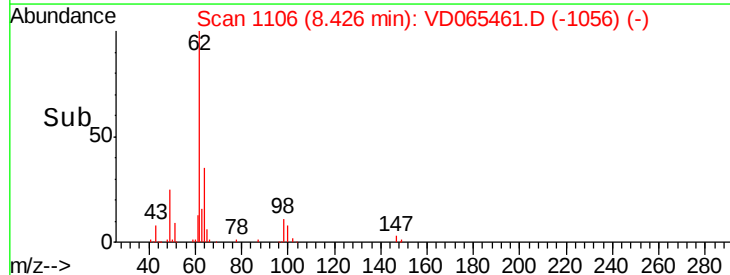
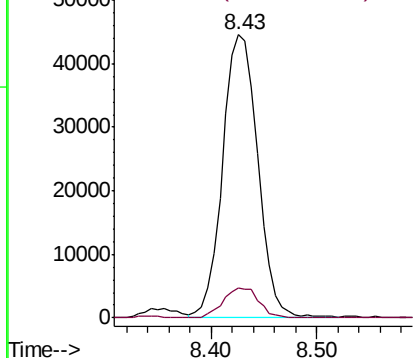


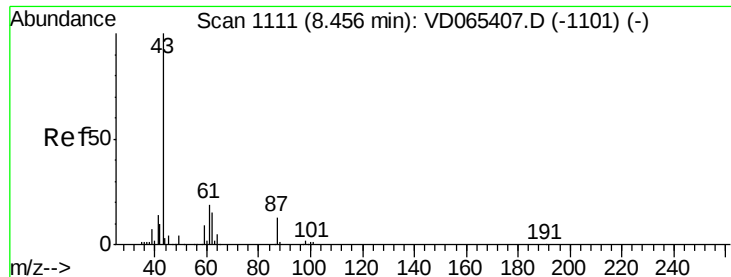
#42
1,2-Dichloroethane
Concen: 22.892 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

Tgt Ion: 62 Resp: 102755
Ion Ratio Lower Upper
62 100
98 10.8 0.0 21.4



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

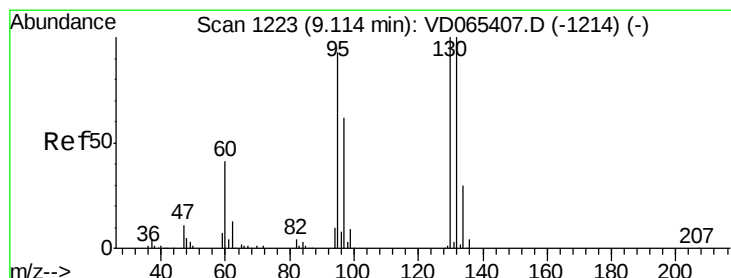
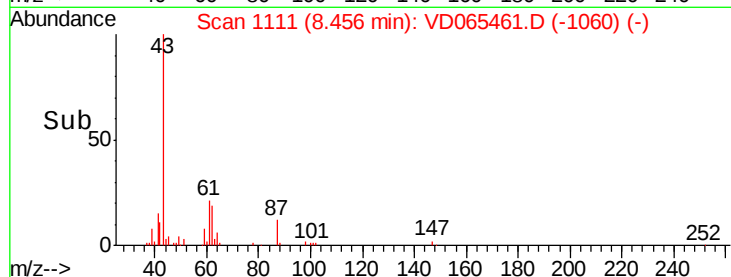
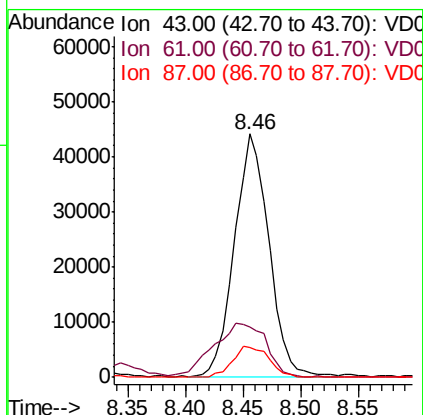
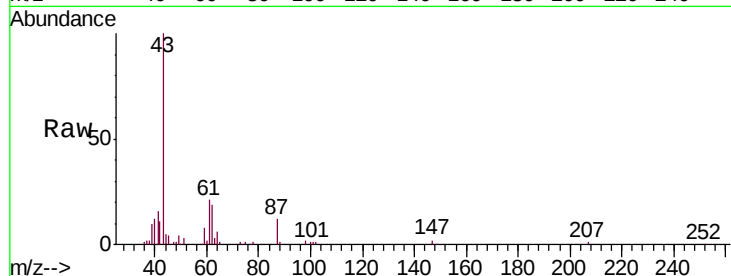




#43
Isopropyl Acetate
Concen: 21.077 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

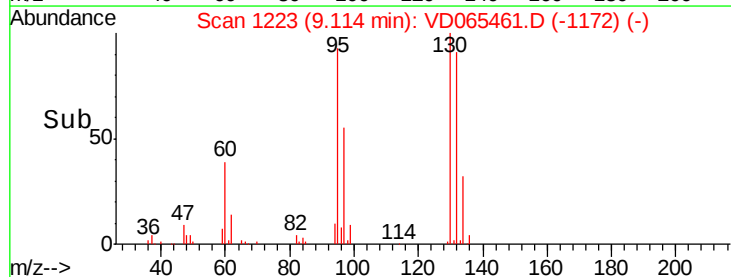
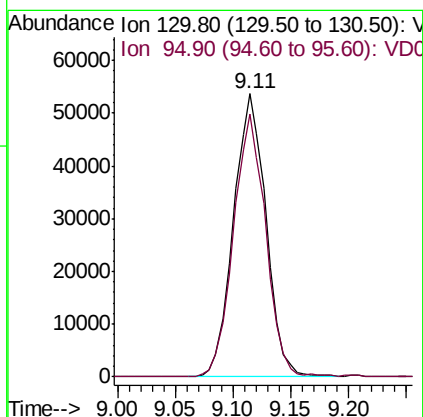
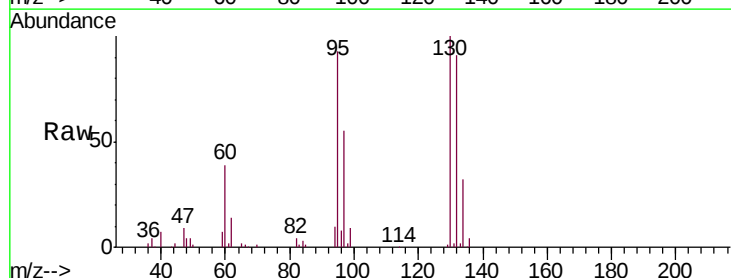
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBS01

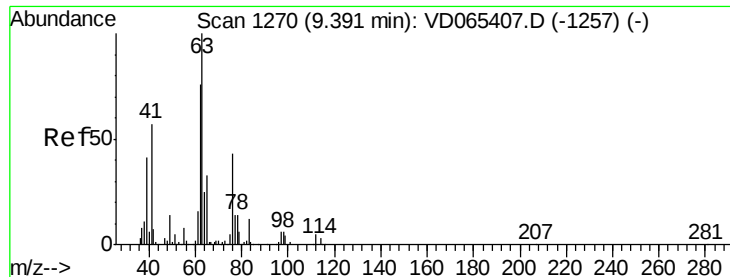
Tgt Ion: 43 Resp: 92484
Ion Ratio Lower Upper
43 100
61 33.8 25.0 37.6
87 13.5 11.0 16.4



#44
Trichloroethene
Concen: 21.505 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

Tgt Ion: 130 Resp: 104398
Ion Ratio Lower Upper
130 100
95 93.0 0.0 186.0

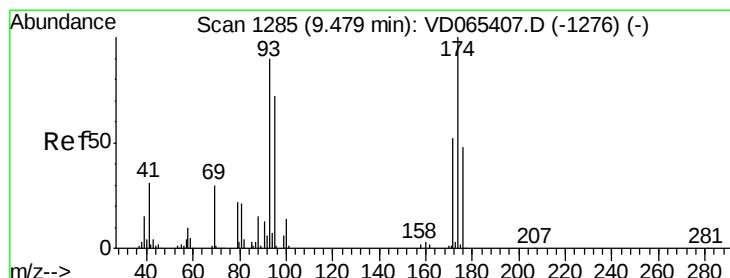
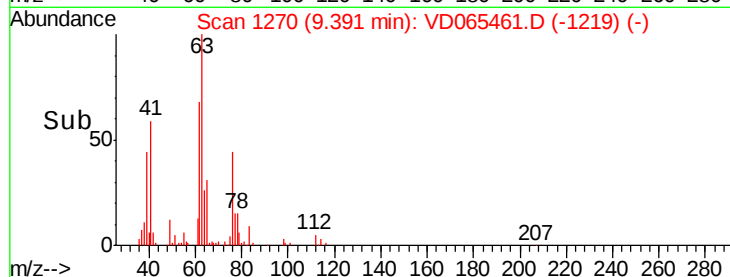
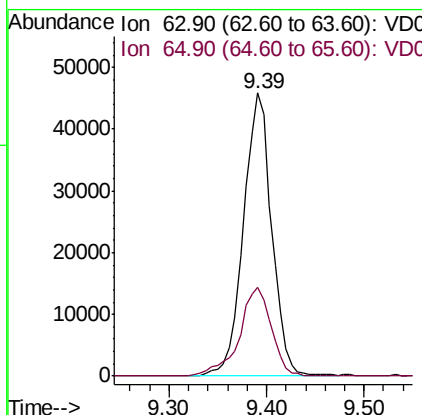
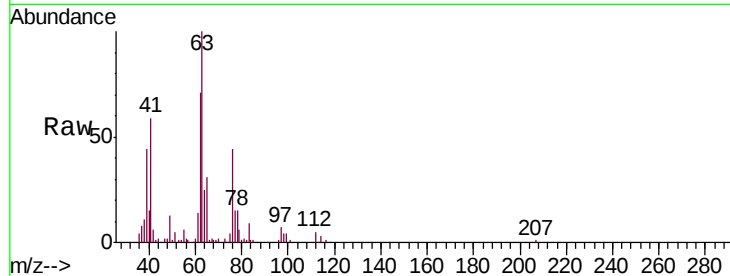




#45
 1,2-Dichloropropane
 Concen: 22.203 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065461.D
 Acq: 10 Mar 2020 13:31

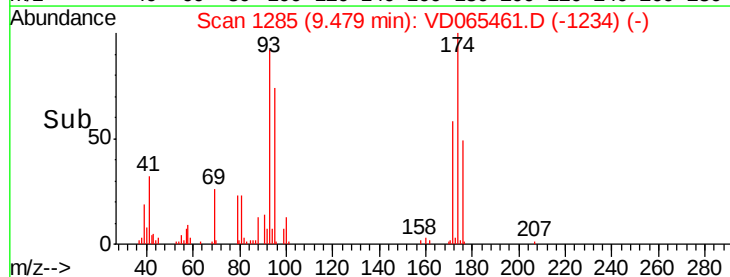
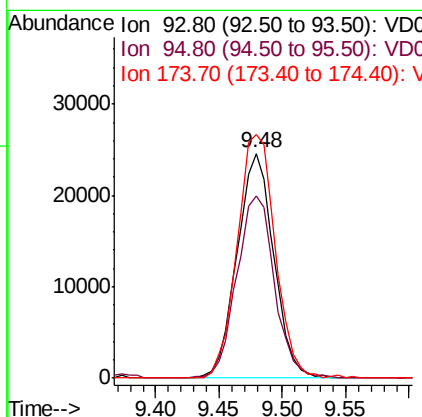
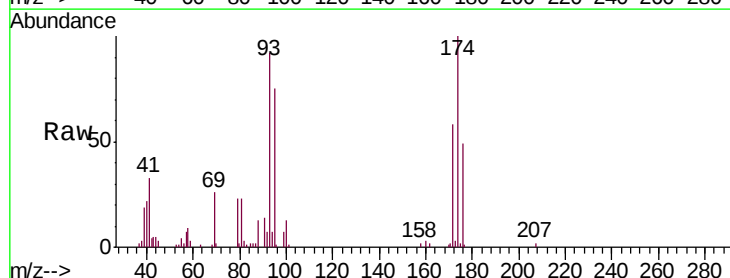
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBS01

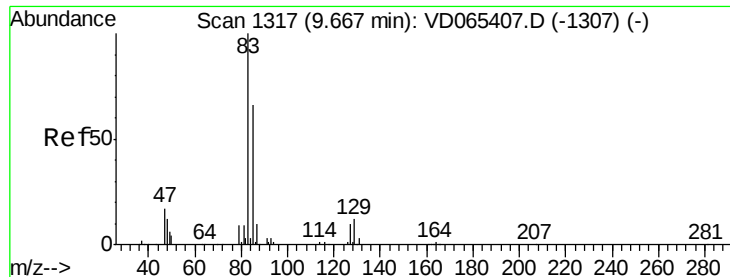
Tgt Ion: 63 Resp: 92452
 Ion Ratio Lower Upper
 63 100
 65 31.2 26.4 39.6



#46
 Dibromomethane
 Concen: 22.792 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065461.D
 Acq: 10 Mar 2020 13:31

Tgt Ion: 93 Resp: 49229
 Ion Ratio Lower Upper
 93 100
 95 83.8 65.0 97.6
 174 112.5 88.3 132.5





#47

Bromodichloromethane

Concen: 22.503 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBS01

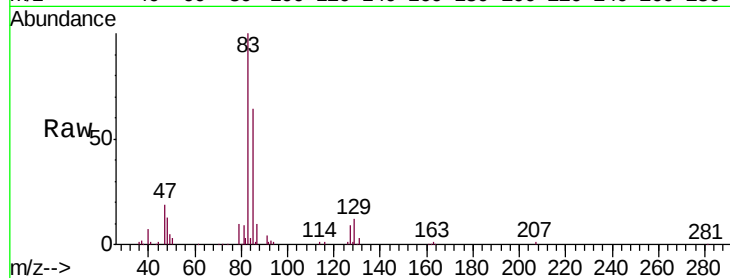
Tgt Ion: 83 Resp: 126444

Ion Ratio Lower Upper

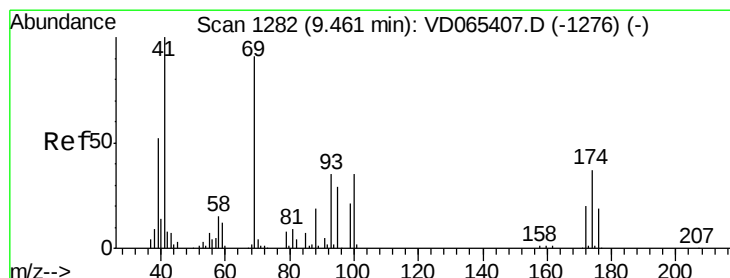
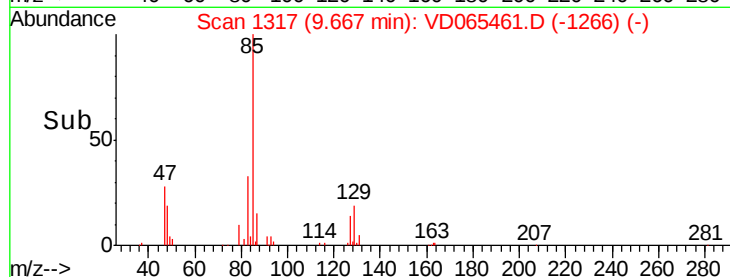
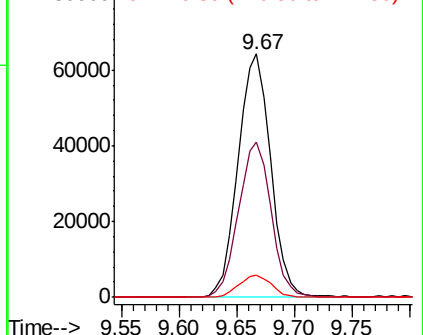
83 100

85 63.7 52.8 79.2

127 9.0 8.0 12.0



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



#48

Methyl methacrylate

Concen: 20.708 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

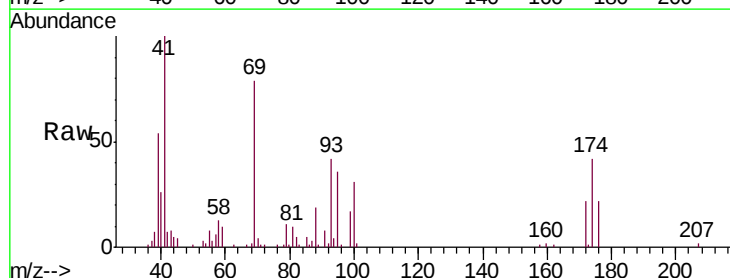
Tgt Ion: 41 Resp: 42741

Ion Ratio Lower Upper

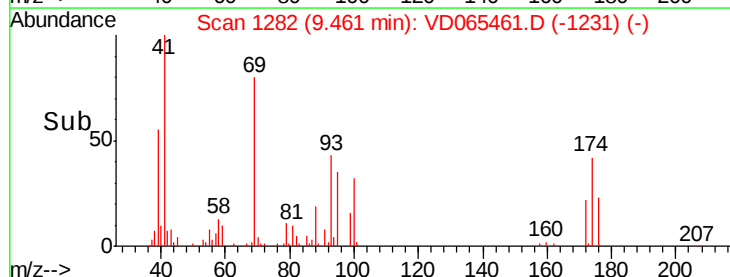
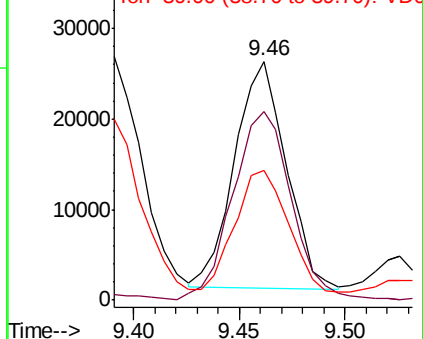
41 100

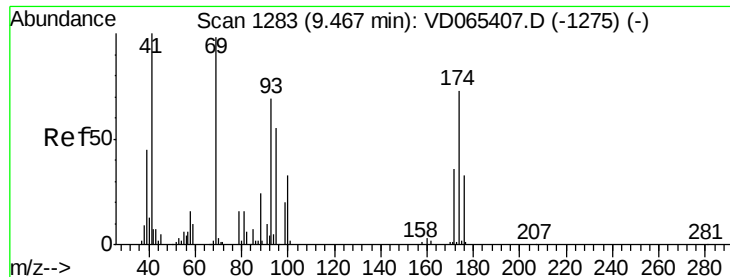
69 93.9 72.5 108.7

39 63.5 41.6 62.4#



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

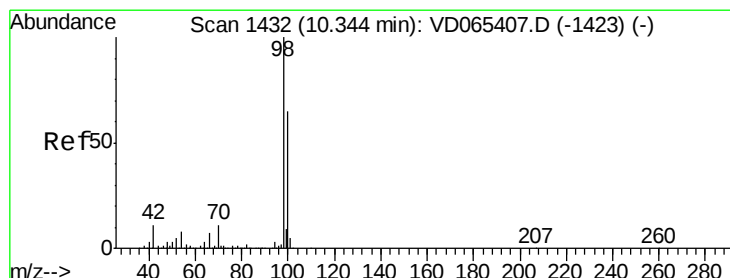
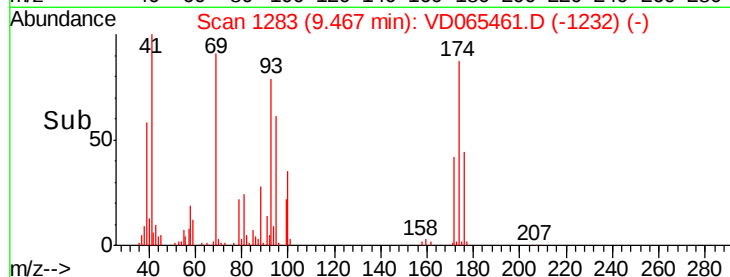
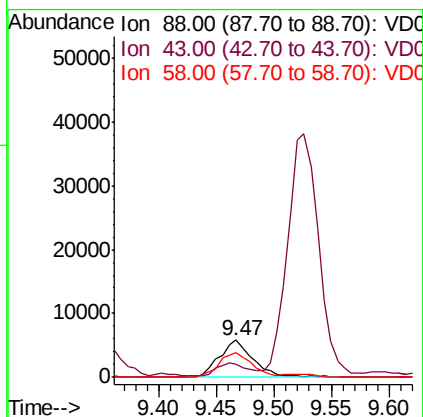
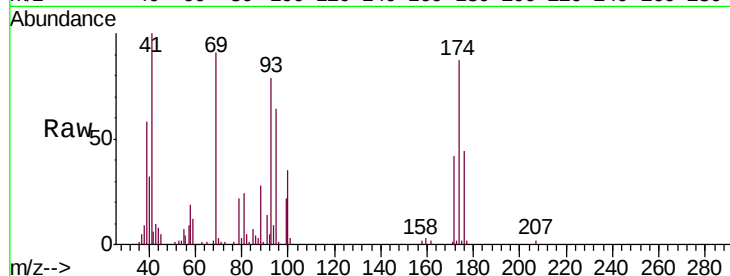




#49
1,4-Dioxane
Concen: 476.485 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

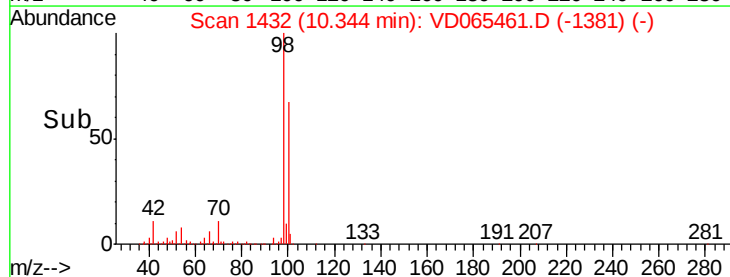
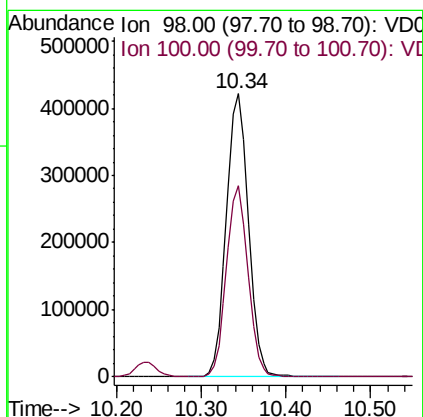
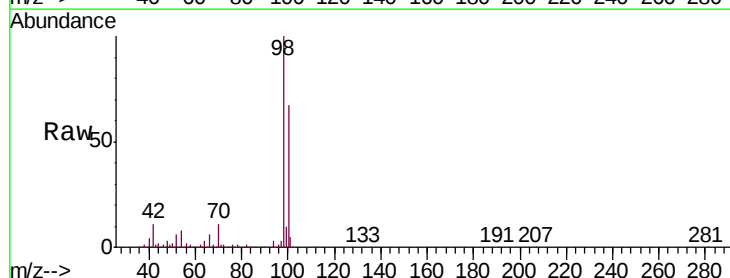
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBS01

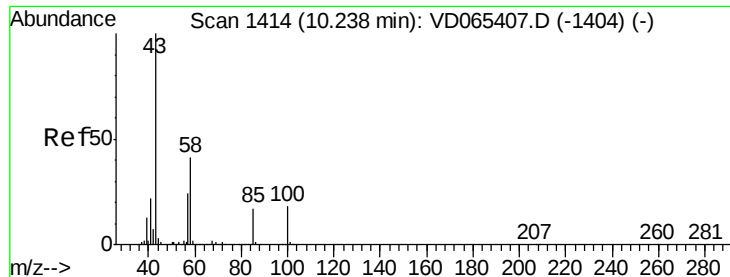
Tgt Ion: 88 Resp: 11772
Ion Ratio Lower Upper
88 100
43 33.7 24.5 36.7
58 64.9 54.5 81.7



#50
Toluene-d8
Concen: 50.182 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

Tgt Ion: 98 Resp: 763602
Ion Ratio Lower Upper
98 100
100 66.1 52.8 79.2

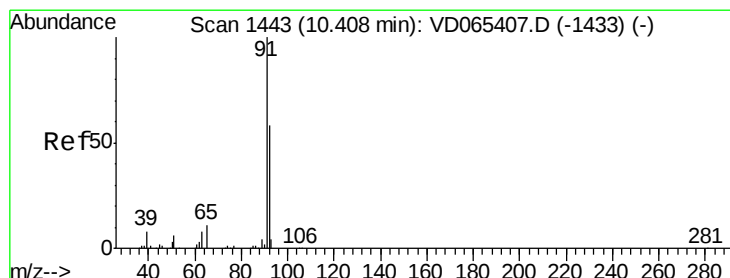
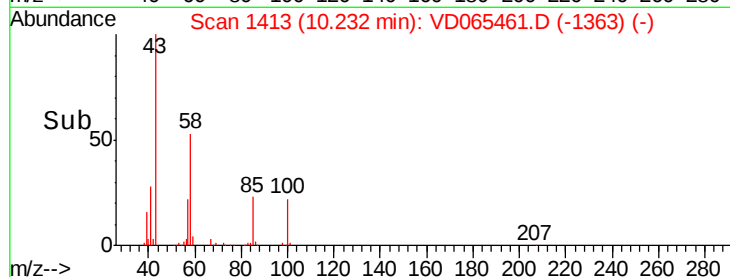
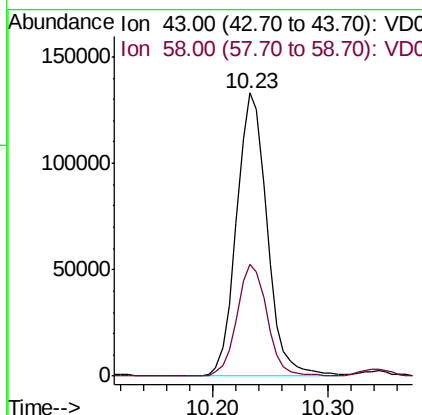
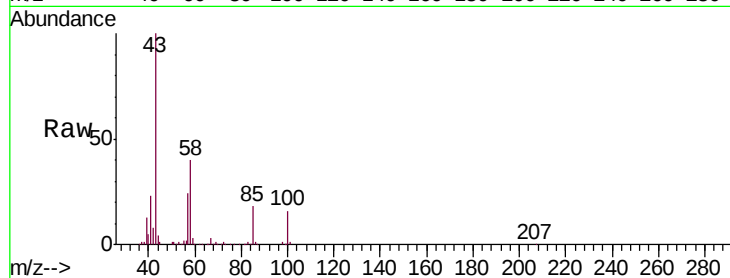




#51
 4-Methyl-2-Pentanone
 Concen: 110.227 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: VD065461.D
 Acq: 10 Mar 2020 13:31

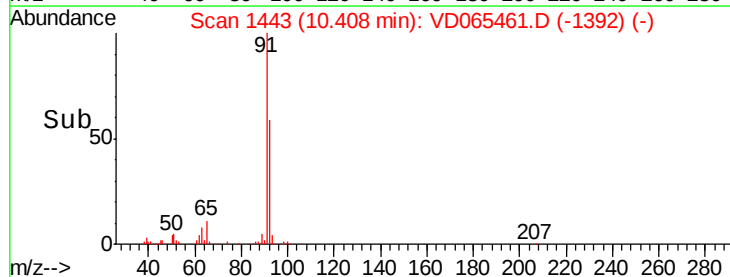
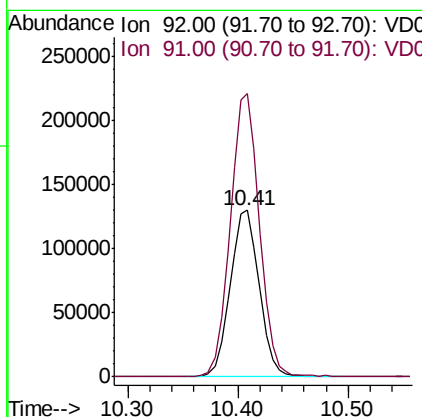
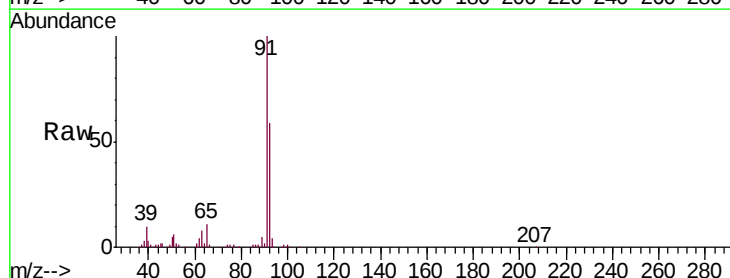
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBS01

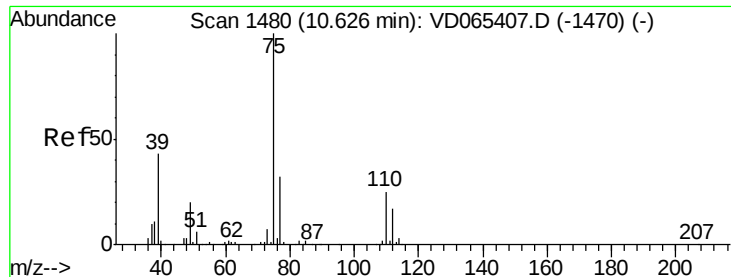
Tgt Ion: 43 Resp: 243385
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.8 47.6



#52
 Toluene
 Concen: 22.136 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD065461.D
 Acq: 10 Mar 2020 13:31

Tgt Ion: 92 Resp: 239711
 Ion Ratio Lower Upper
 92 100
 91 170.1 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 21.873 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

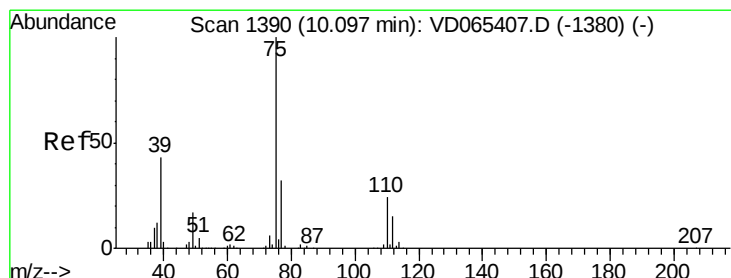
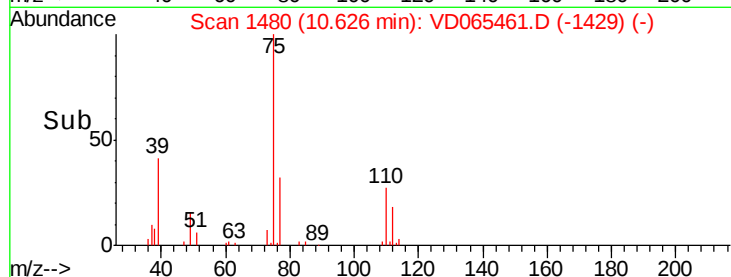
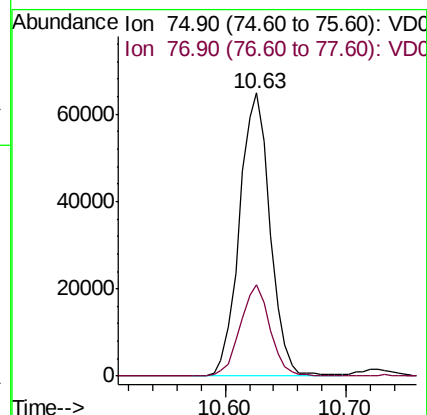
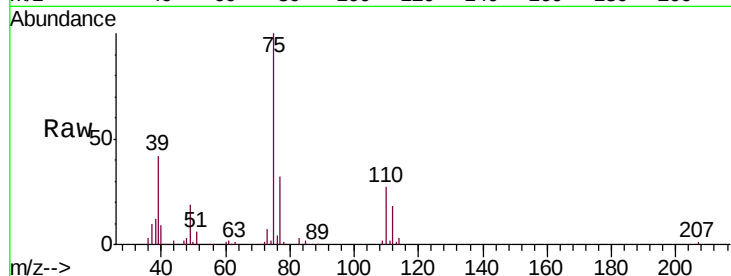
VD0310SBS01

Tgt Ion: 75 Resp: 114855

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 22.114 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

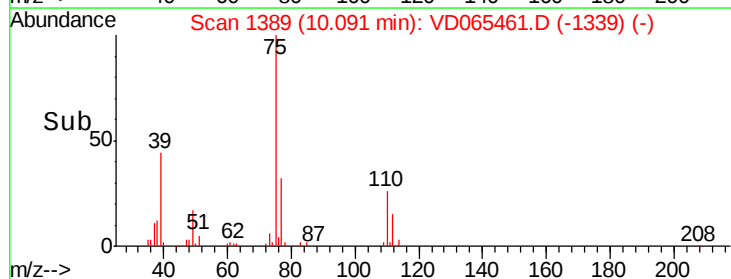
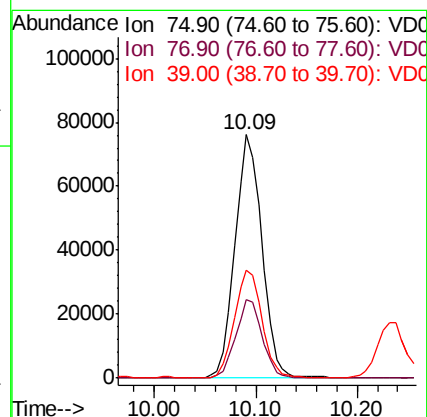
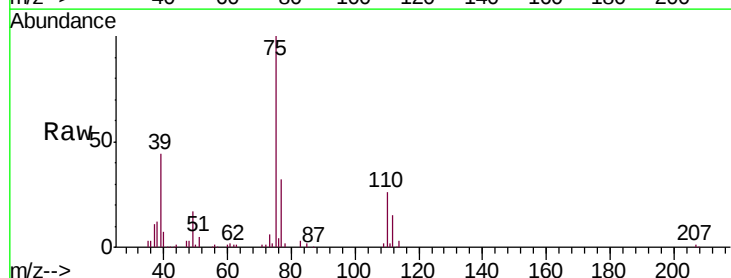
Tgt Ion: 75 Resp: 140555

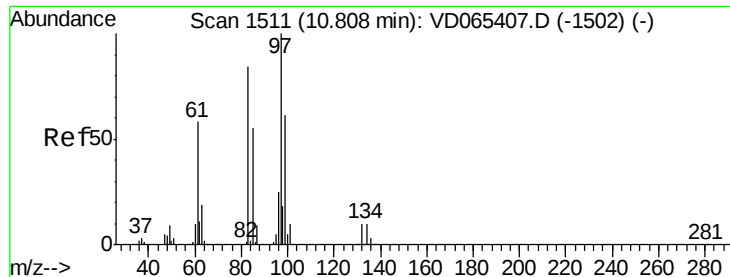
Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9

39 44.4 34.6 52.0





#55

1,1,2-Trichloroethane

Concen: 22.878 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBS01

Tgt Ion: 97 Resp: 69988

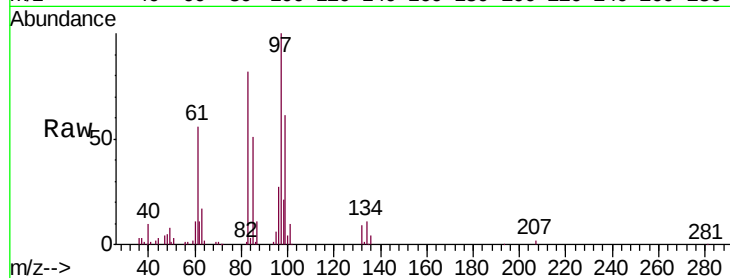
Ion Ratio Lower Upper

97 100

83 81.6 67.4 101.0

85 51.5 43.8 65.8

99 60.6 48.8 73.2

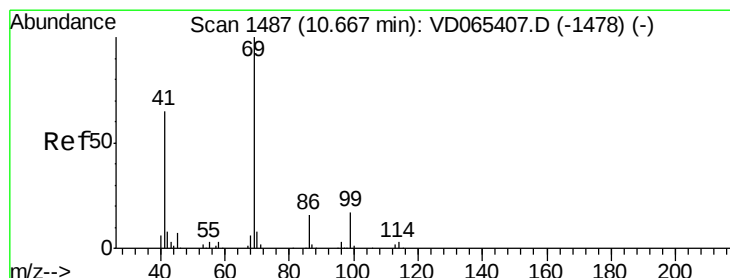
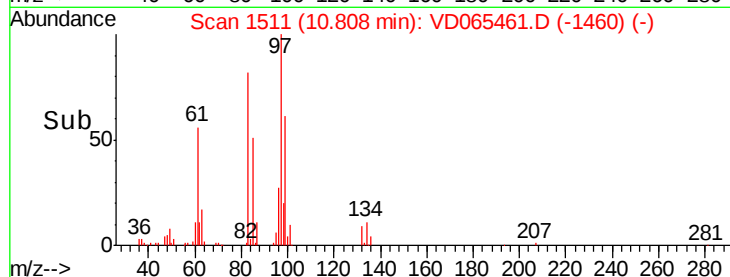
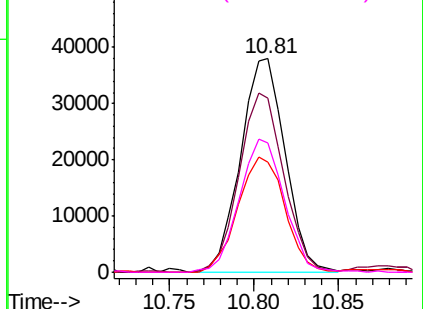


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 21.330 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

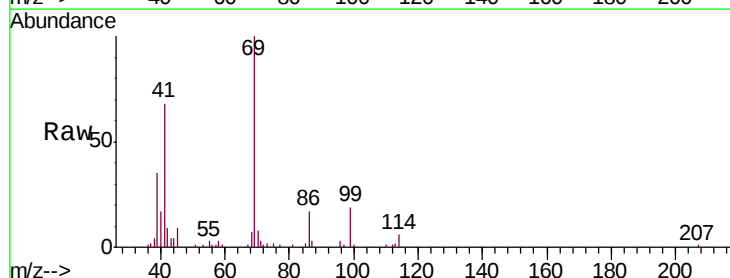
Tgt Ion: 69 Resp: 73560

Ion Ratio Lower Upper

69 100

41 66.0 53.0 79.6

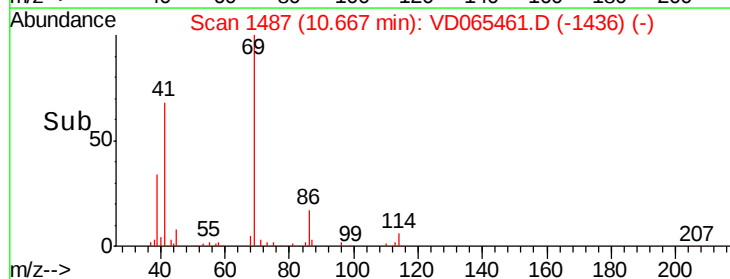
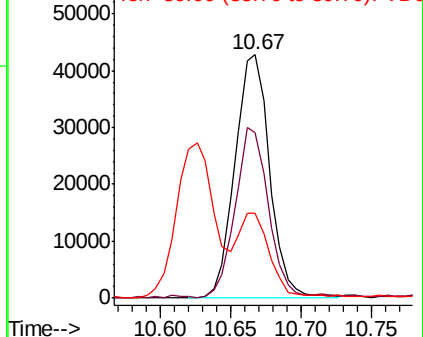
39 29.6 26.0 39.0

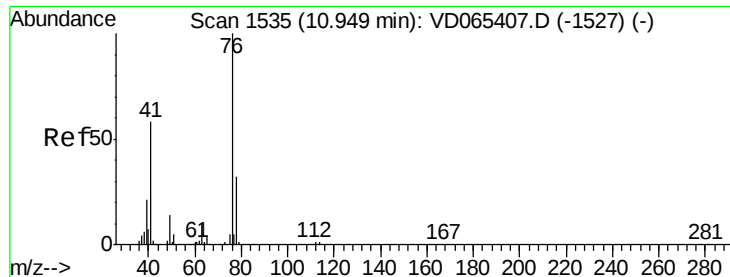


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

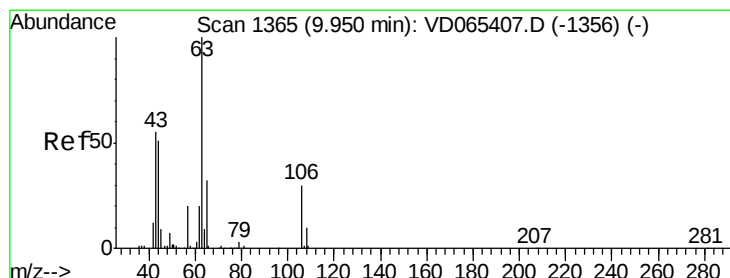
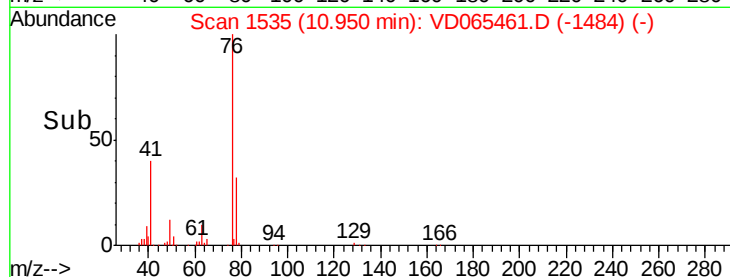
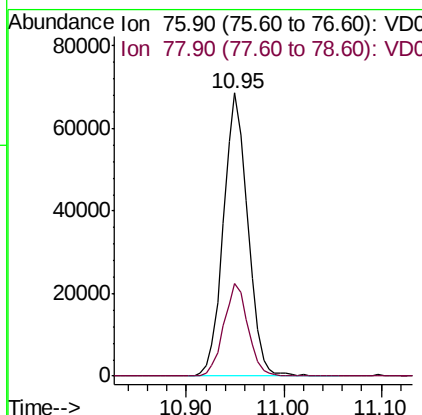
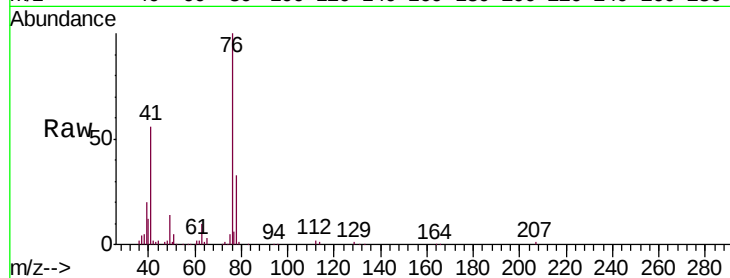




#57
 1,3-Dichloropropane
 Concen: 22.935 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065461.D
 Acq: 10 Mar 2020 13:31

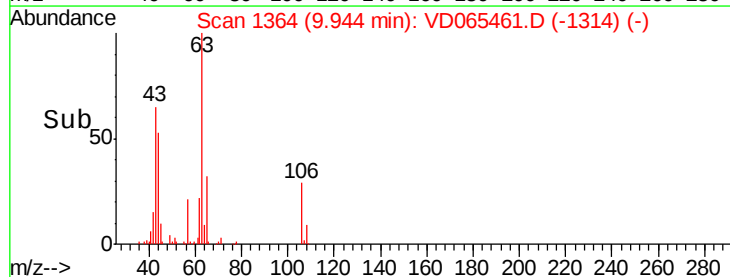
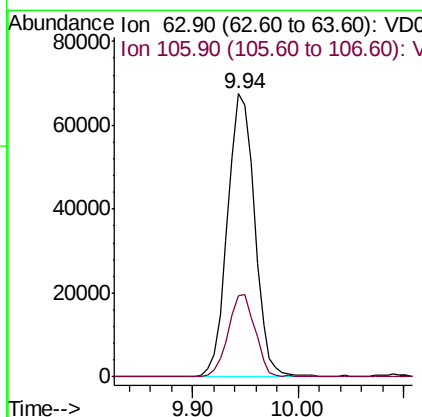
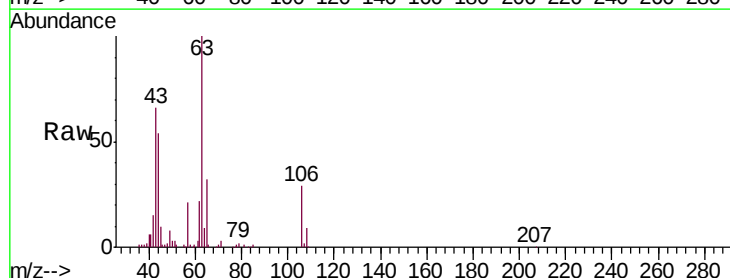
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBS01

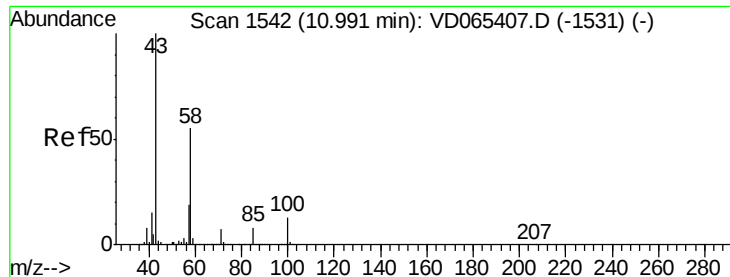
Tgt Ion: 76 Resp: 118713
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 112.802 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD065461.D
 Acq: 10 Mar 2020 13:31

Tgt Ion: 63 Resp: 120284
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.3 34.9

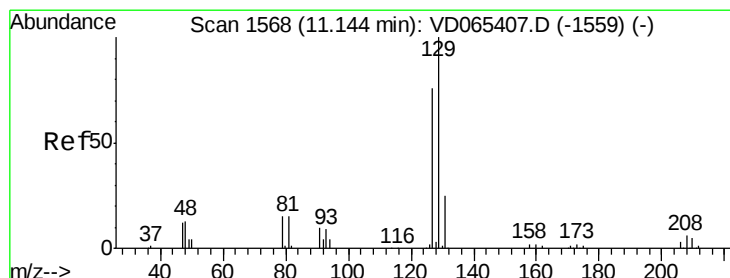
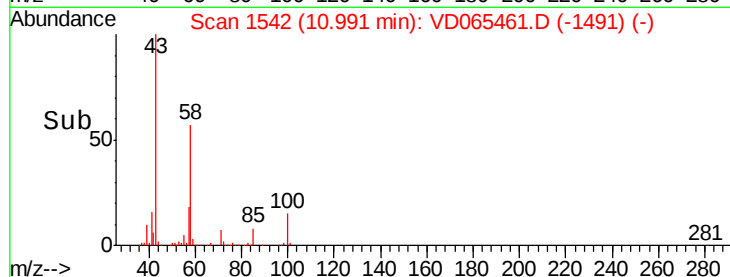
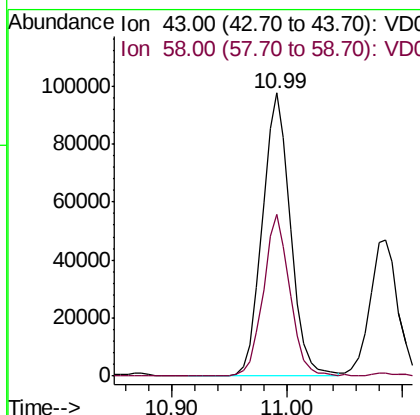
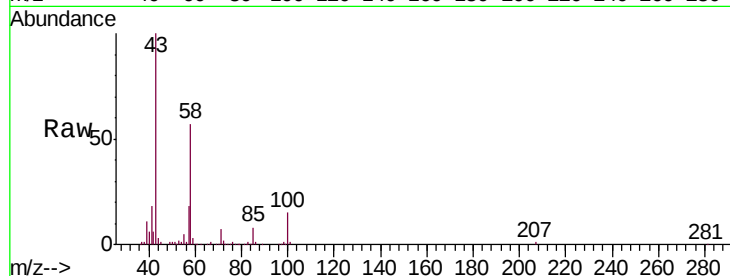




#59
2-Hexanone
Concen: 108.048 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

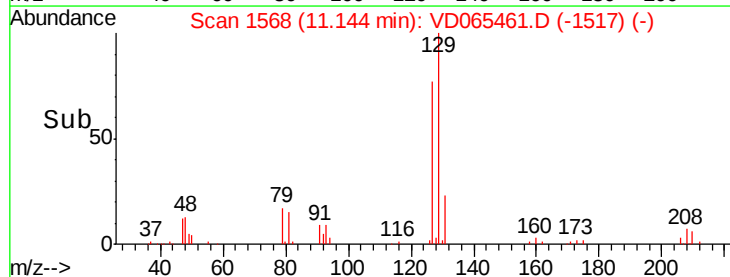
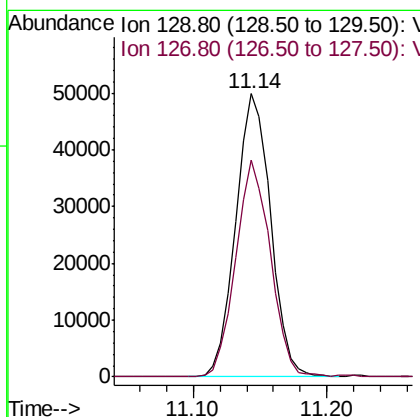
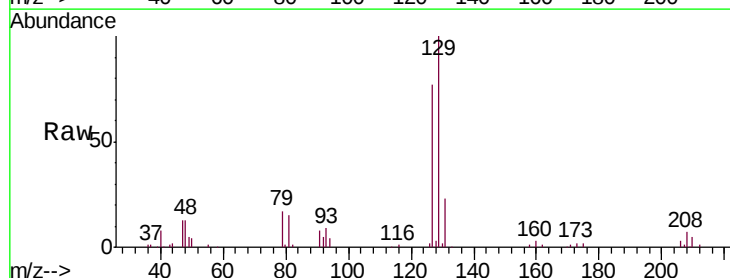
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBS01

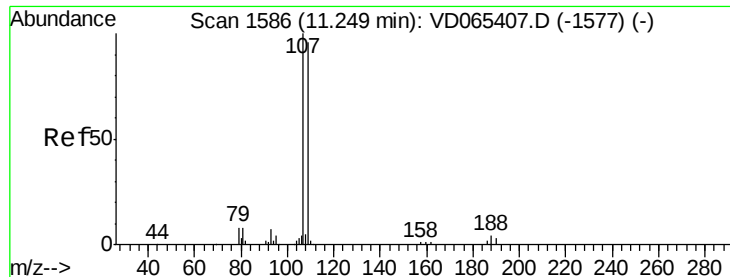
Tgt Ion: 43 Resp: 165151
Ion Ratio Lower Upper
43 100
58 54.2 27.4 82.2



#60
Dibromochloromethane
Concen: 22.986 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

Tgt Ion: 129 Resp: 90137
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 22.609 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

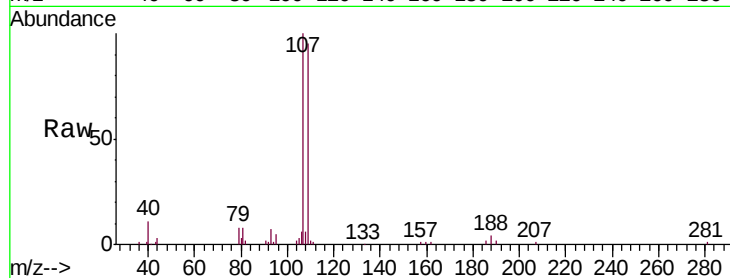
VD0310SBS01

Tgt Ion: 107 Resp: 65972

Ion Ratio Lower Upper

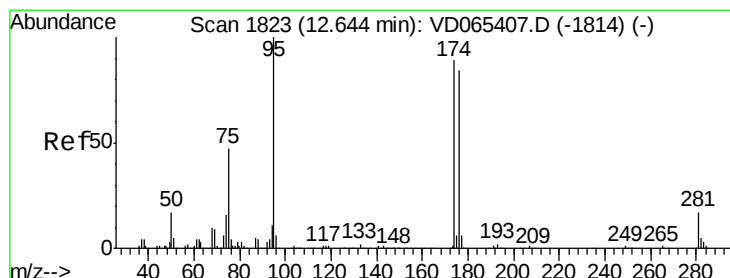
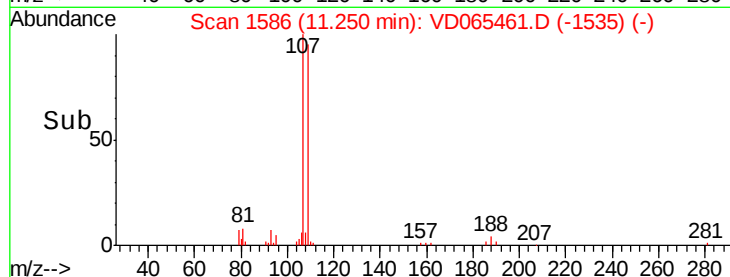
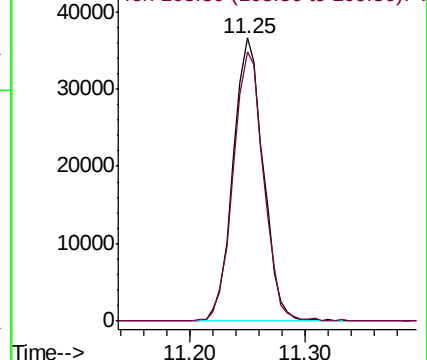
107 100

109 96.3 76.8 115.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.856 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

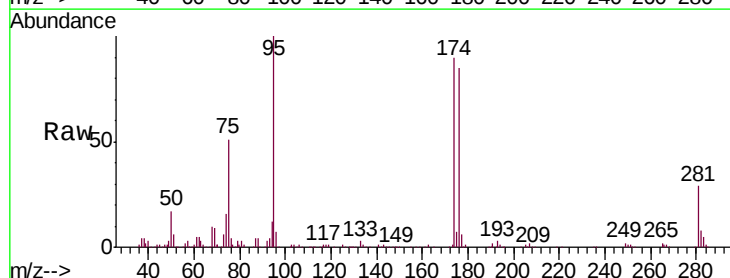
Tgt Ion: 95 Resp: 248291

Ion Ratio Lower Upper

95 100

174 90.3 0.0 176.8

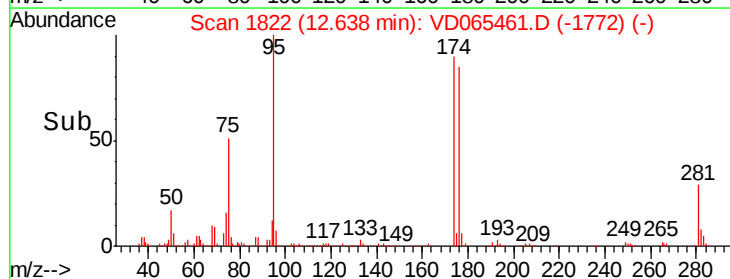
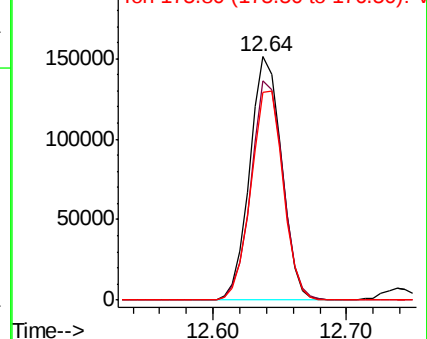
176 86.9 0.0 171.4

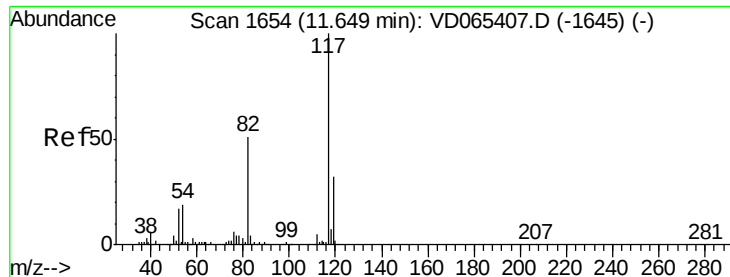


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

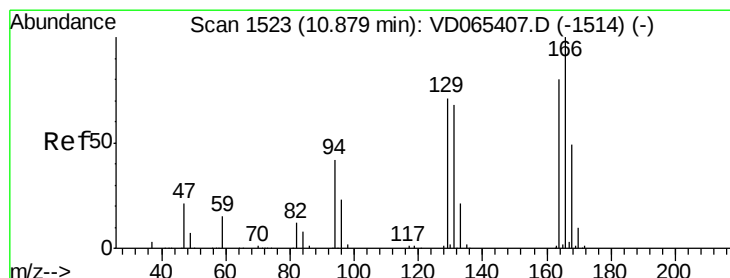
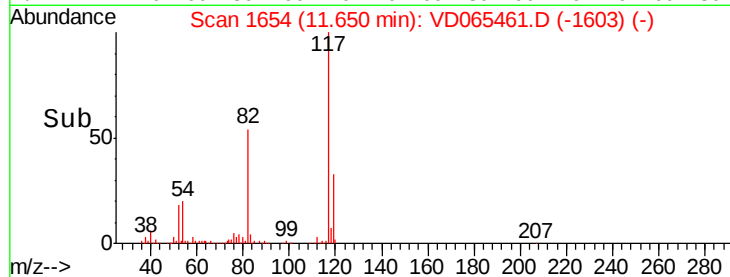
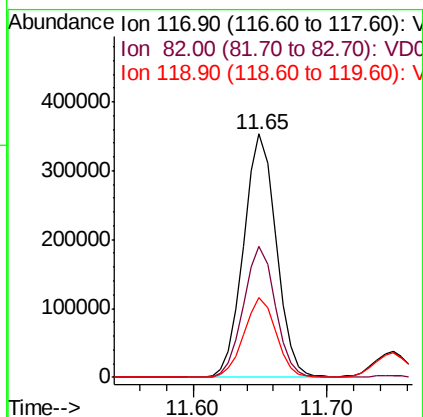
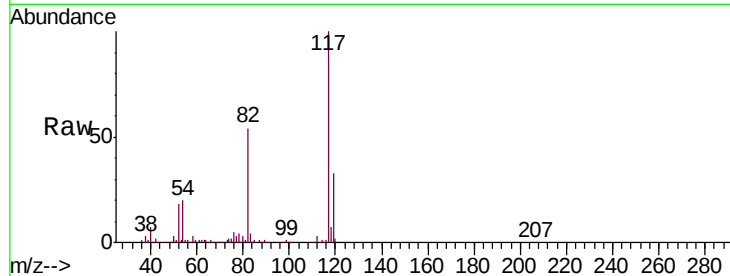




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

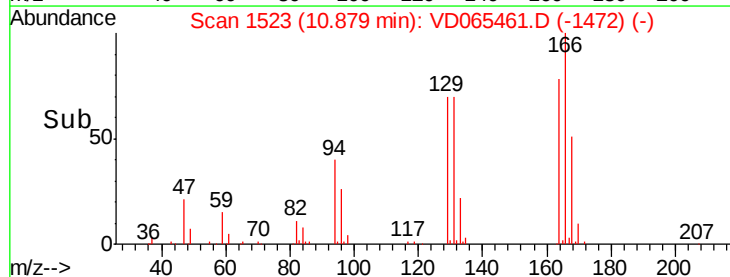
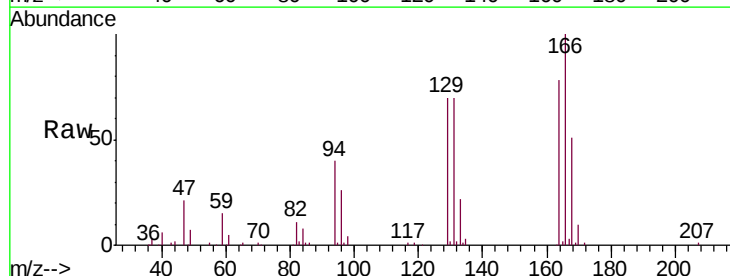
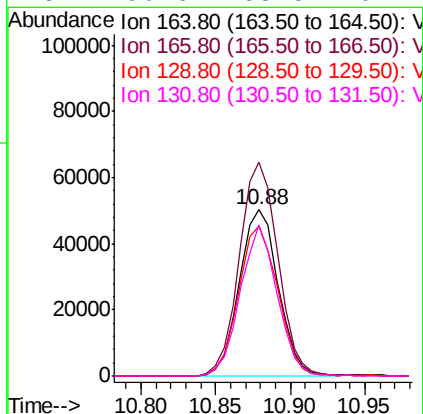
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBS01

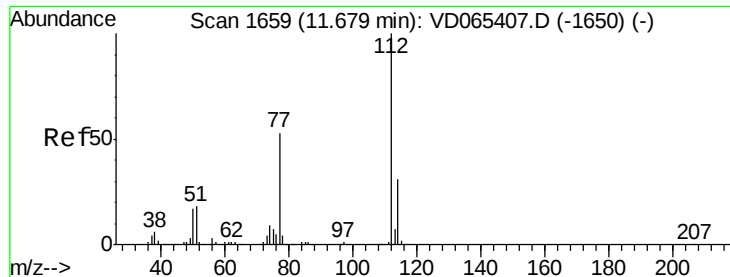
Tgt Ion:117 Resp: 597850
Ion Ratio Lower Upper
117 100
82 53.8 40.6 60.8
119 32.9 25.4 38.2



#64
Tetrachloroethene
Concen: 21.285 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

Tgt Ion:164 Resp: 91182
Ion Ratio Lower Upper
164 100
166 128.5 100.5 150.7
129 90.0 71.5 107.3
131 90.6 68.5 102.7

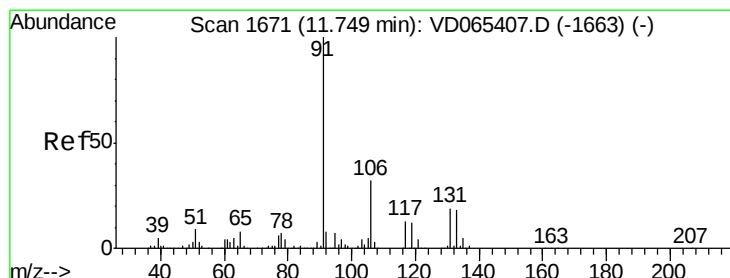
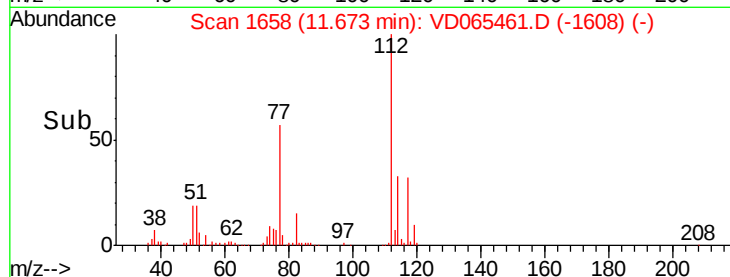
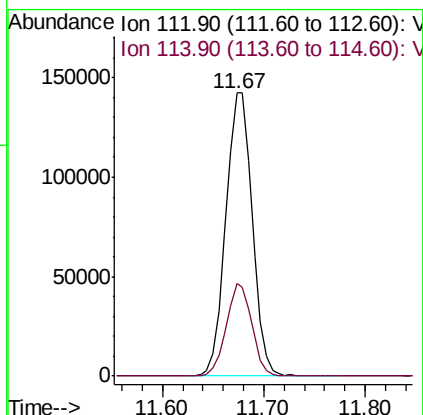
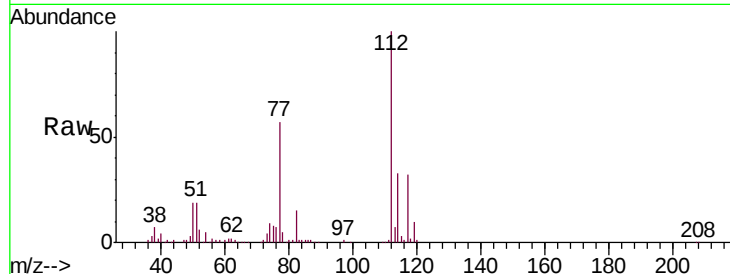




#65
Chlorobenzene
Concen: 21.787 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

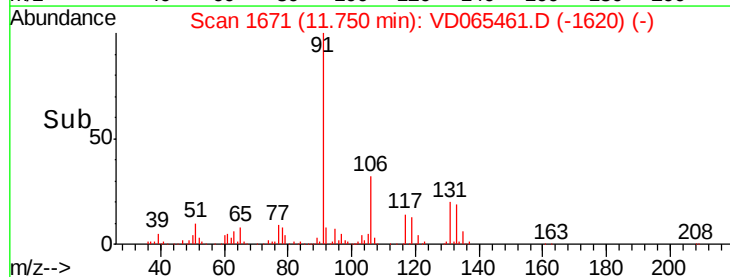
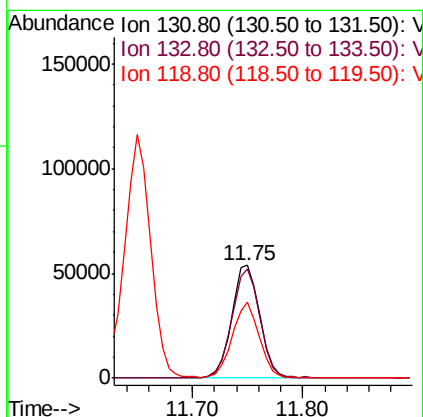
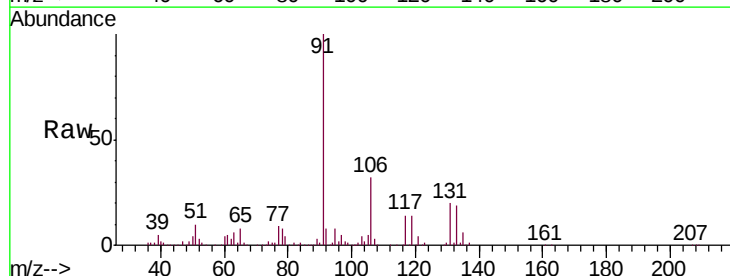
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBS01

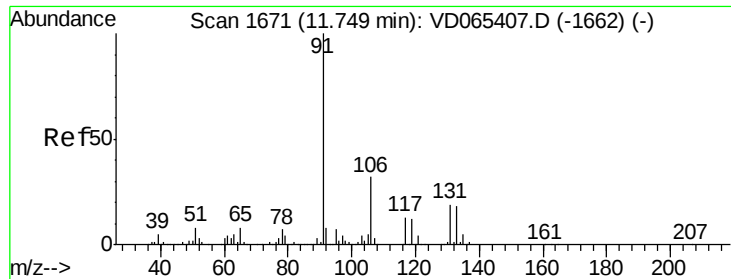
Tgt Ion:112 Resp: 257762
Ion Ratio Lower Upper
112 100
114 32.6 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.257 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

Tgt Ion:131 Resp: 95901
Ion Ratio Lower Upper
131 100
133 96.6 49.2 147.6
119 65.1 33.3 99.8





#67

Ethyl Benzene

Concen: 21.147 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

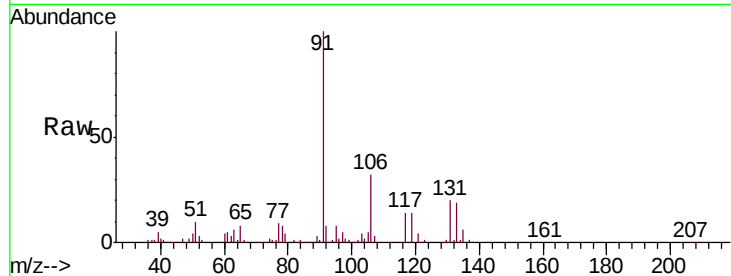
VD0310SBS01

Tgt Ion: 91 Resp: 432293

Ion Ratio Lower Upper

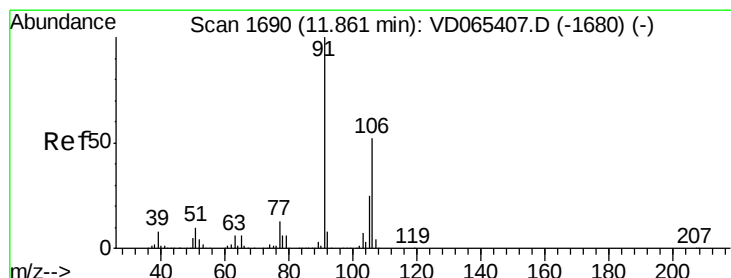
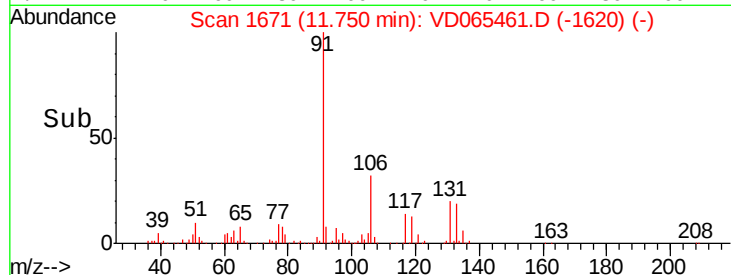
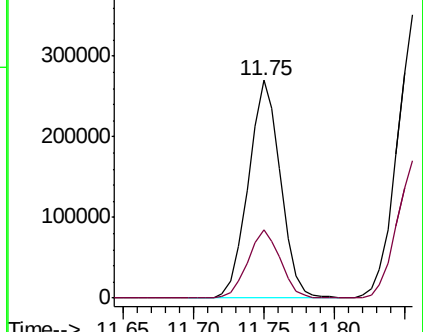
91 100

106 31.6 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 42.792 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VD065461.D

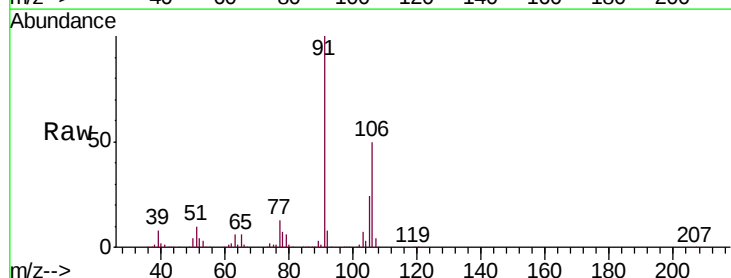
Acq: 10 Mar 2020 13:31

Tgt Ion: 106 Resp: 337296

Ion Ratio Lower Upper

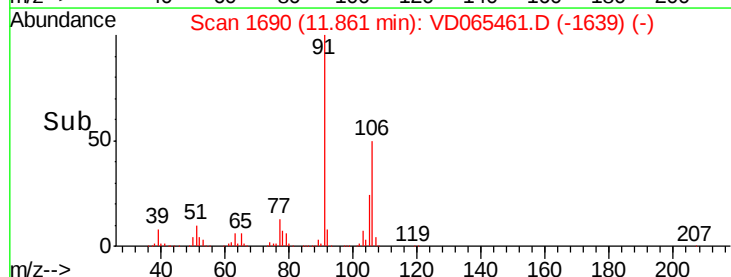
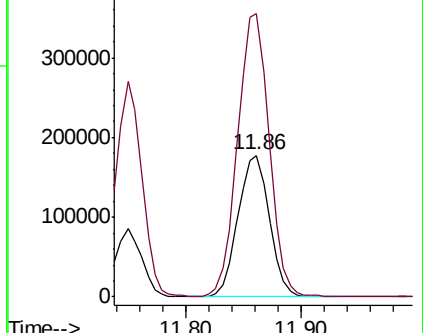
106 100

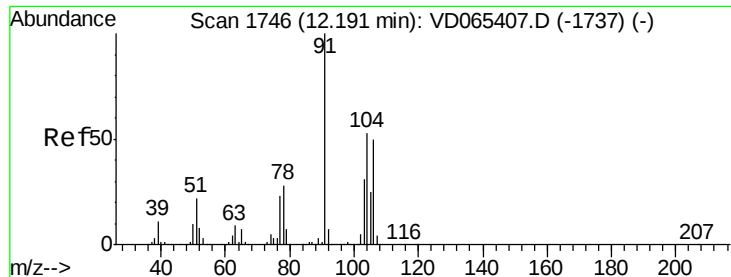
91 200.9 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

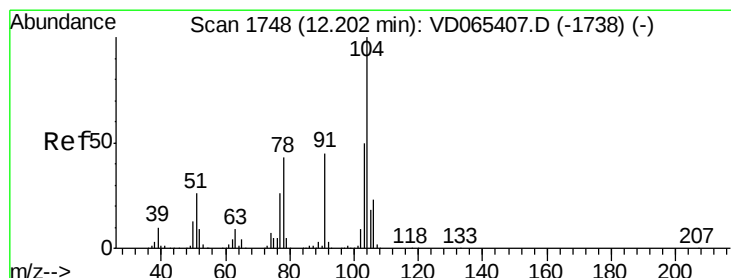
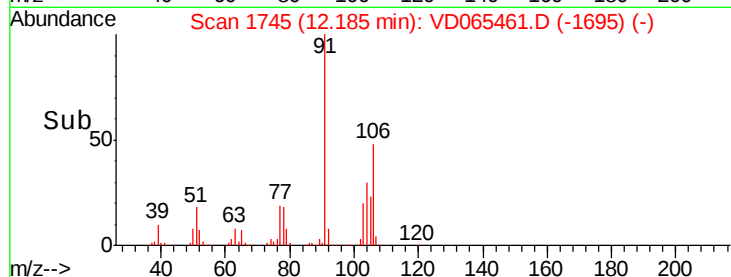
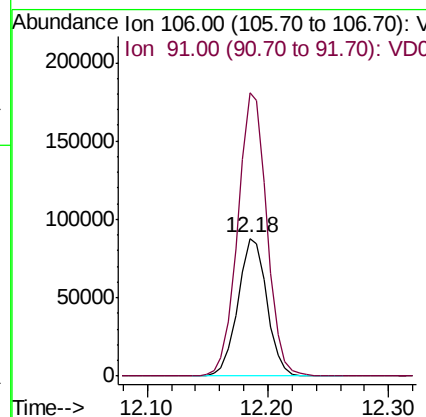
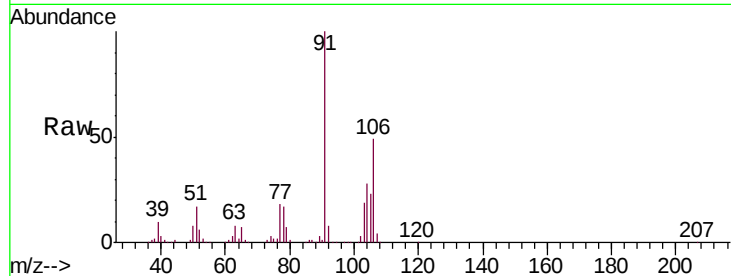




#69
o-Xylene
Concen: 21.263 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

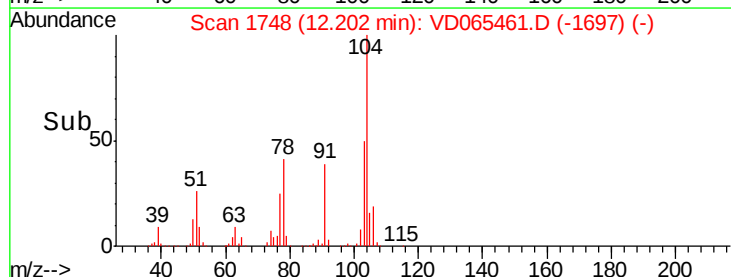
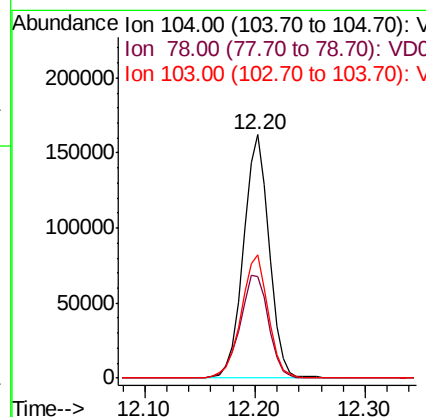
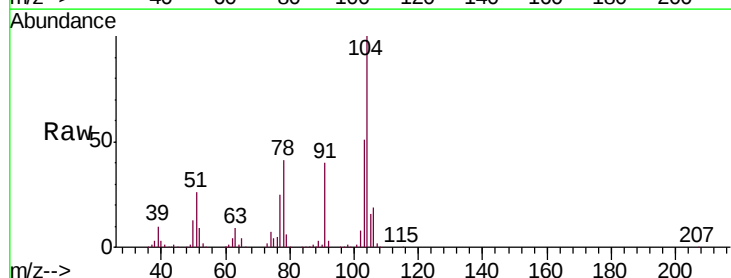
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBS01

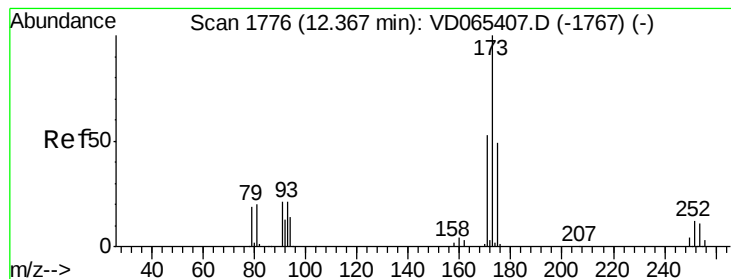
Tgt Ion:106 Resp: 147431
Ion Ratio Lower Upper
106 100
91 205.8 103.5 310.3



#70
Styrene
Concen: 21.791 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

Tgt Ion:104 Resp: 265907
Ion Ratio Lower Upper
104 100
78 46.9 37.7 56.5
103 53.2 43.6 65.4





#71

Bromoform

Concen: 22.390 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBS01

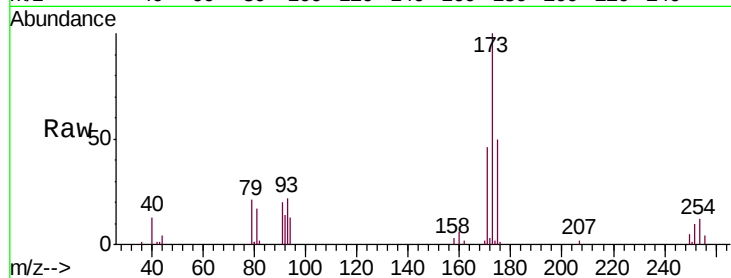
Tgt Ion:173 Resp: 54190

Ion Ratio Lower Upper

173 100

175 48.9 24.3 73.0

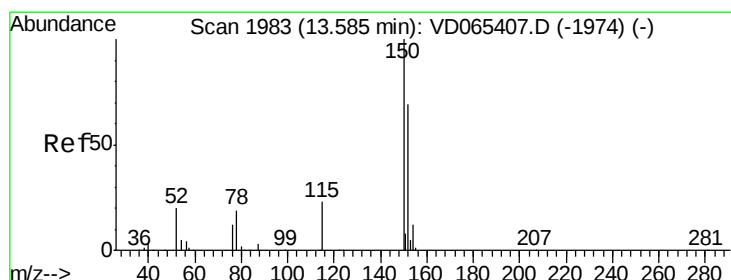
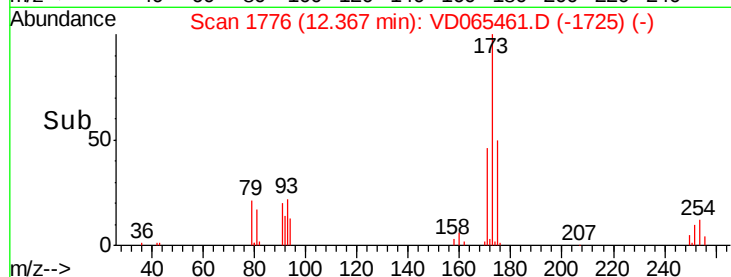
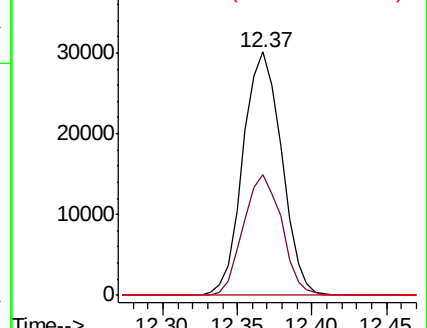
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

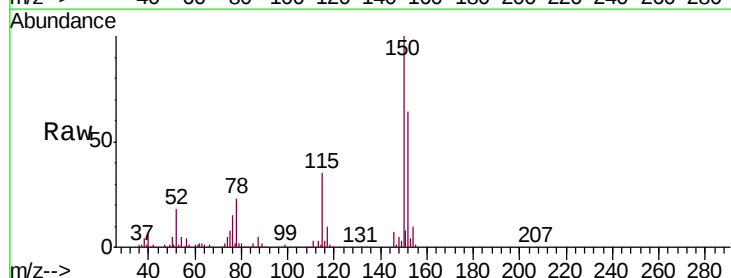
Tgt Ion:152 Resp: 301091

Ion Ratio Lower Upper

152 100

115 55.8 27.6 82.8

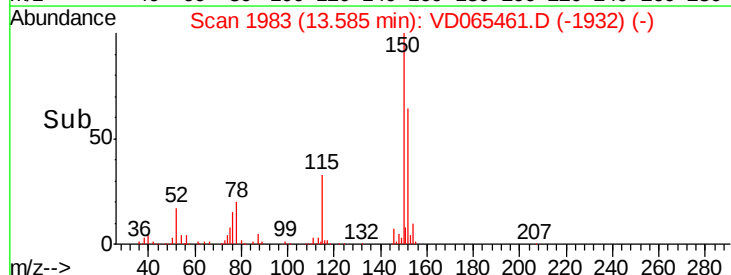
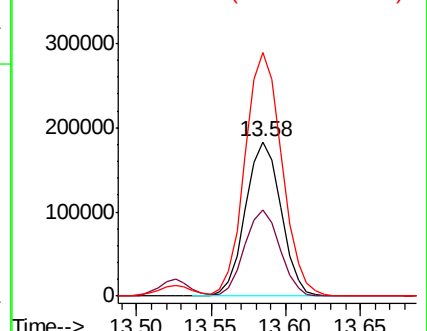
150 164.5 0.0 345.0

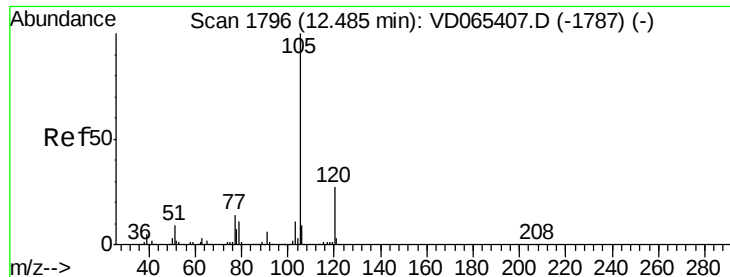


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.207 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

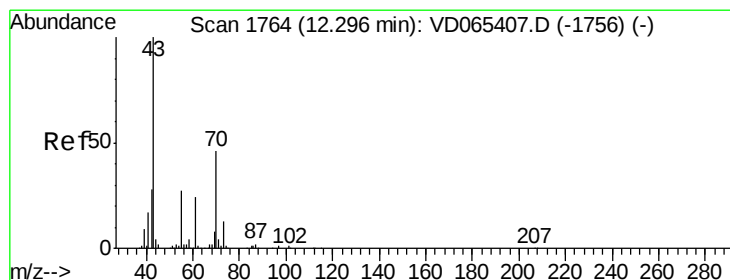
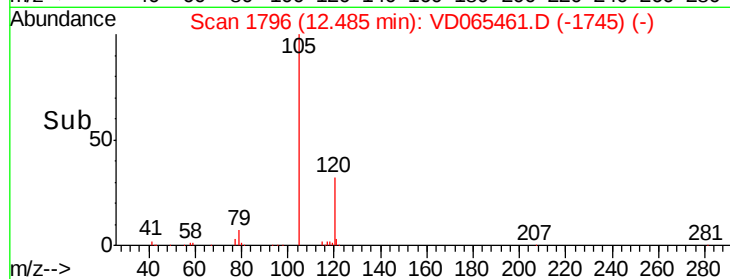
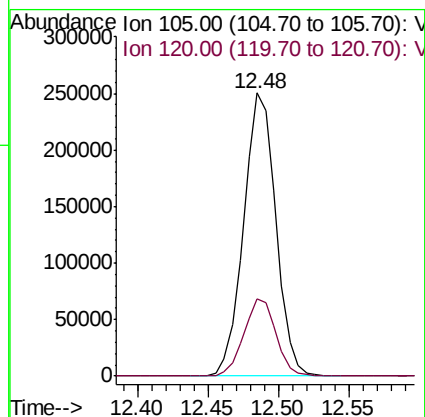
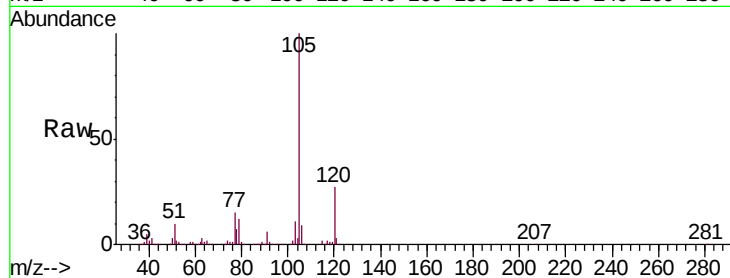
VD0310SBS01

Tgt Ion: 105 Resp: 400192

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4



#74

N-ethyl acetate

Concen: 20.329 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Tgt Ion: 43 Resp: 82422

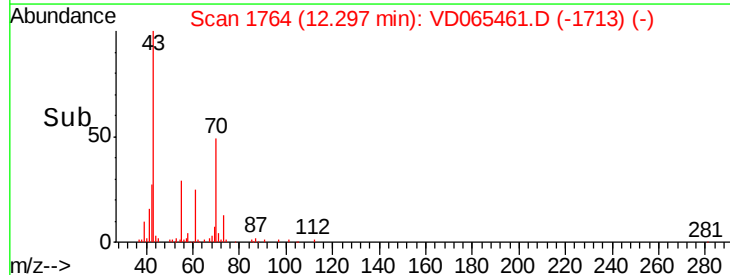
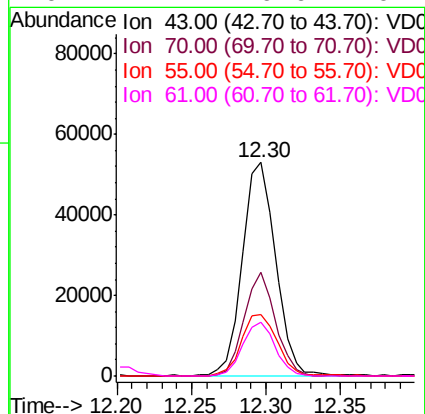
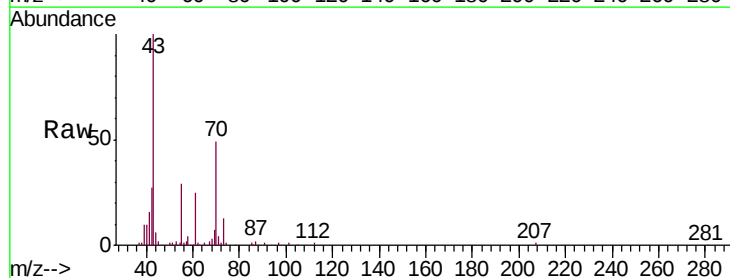
Ion Ratio Lower Upper

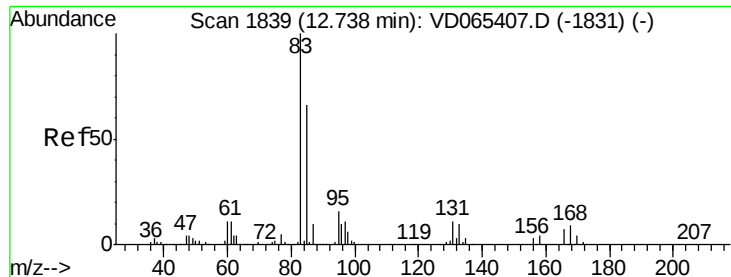
43 100

70 45.6 36.1 54.1

55 31.2 21.6 32.4

61 24.4 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.211 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBS01

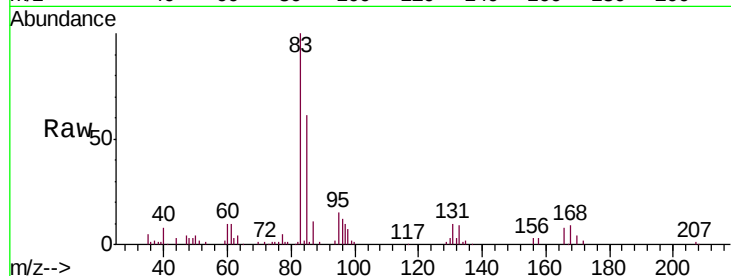
Tgt Ion: 83 Resp: 77318

Ion Ratio Lower Upper

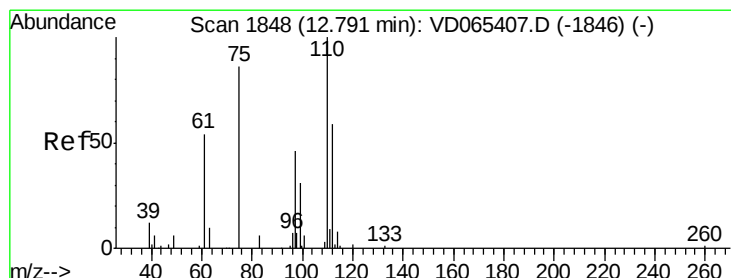
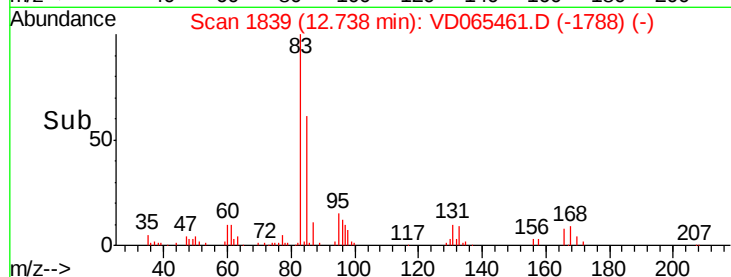
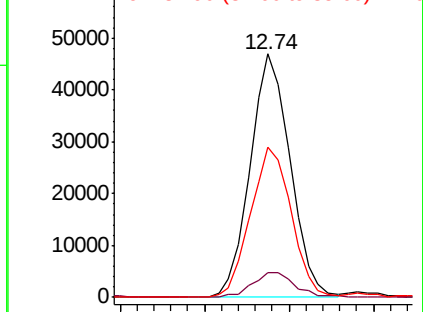
83 100

131 10.8 5.4 16.2

85 62.8 33.0 98.9



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: 40.062 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065461.D

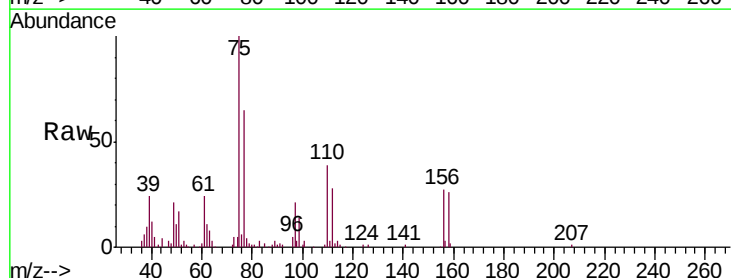
Acq: 10 Mar 2020 13:31

Tgt Ion: 75 Resp: 95182

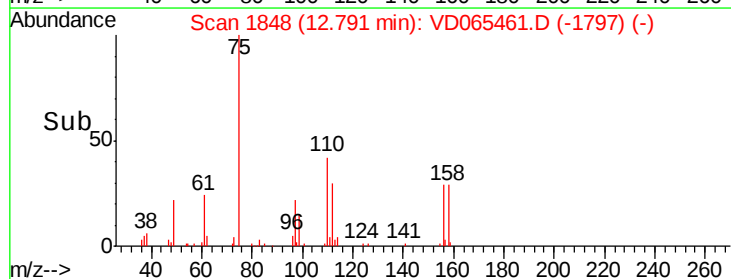
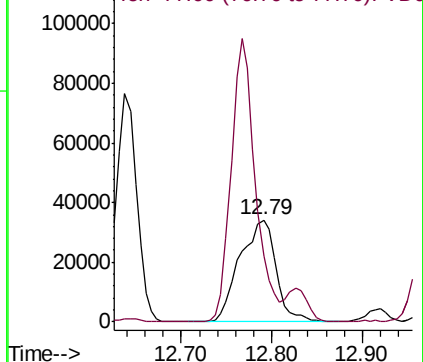
Ion Ratio Lower Upper

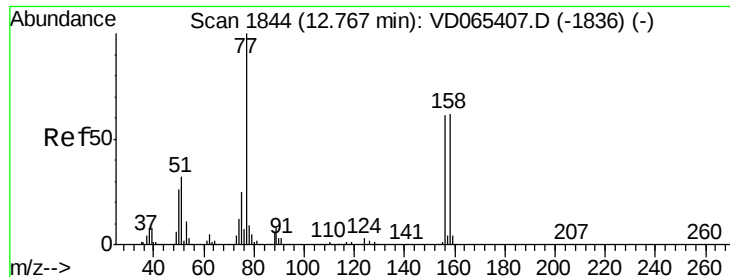
75 100

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

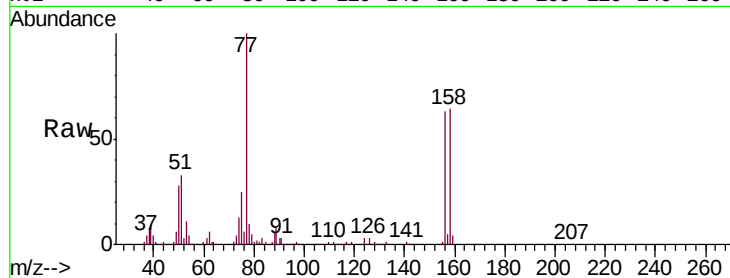




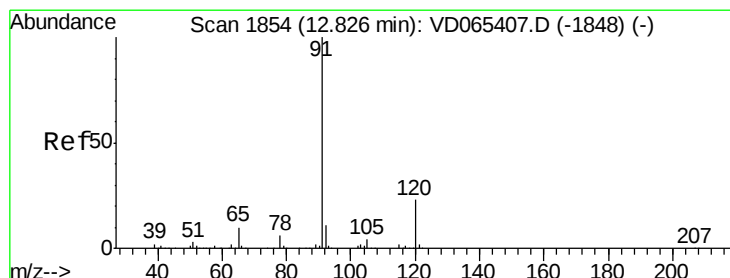
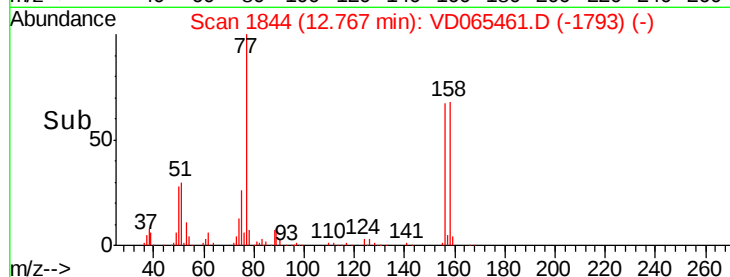
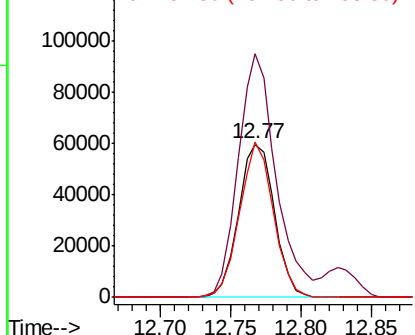
#77
Bromobenzene
Concen: 21.534 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

Instrument :
MSVOA_D
ClientSampleId :
VD0310SBS01

Tgt Ion:156 Resp: 105955
Ion Ratio Lower Upper
156 100
77 168.0 84.9 254.6
158 95.7 49.0 147.2

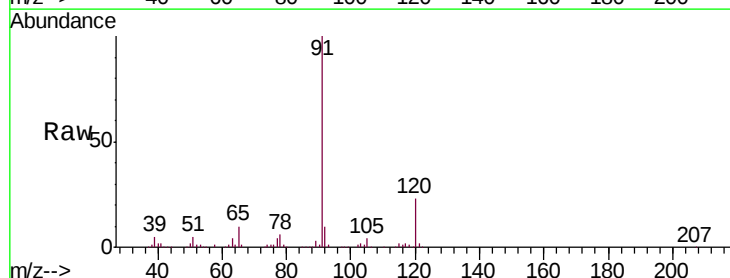


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

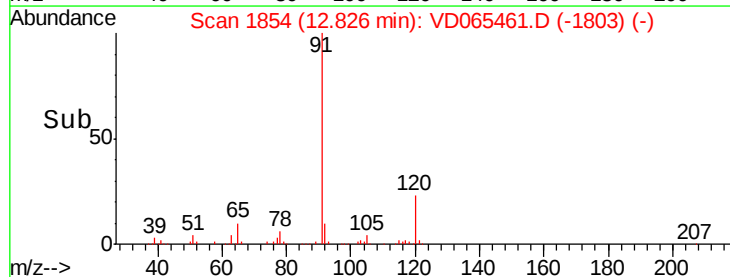
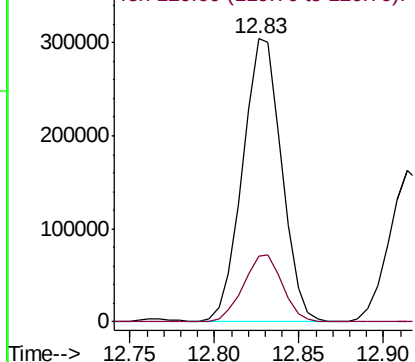


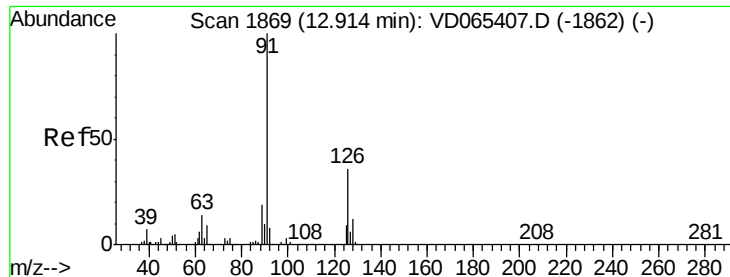
#78
n-propylbenzene
Concen: 20.818 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

Tgt Ion: 91 Resp: 489170
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5



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

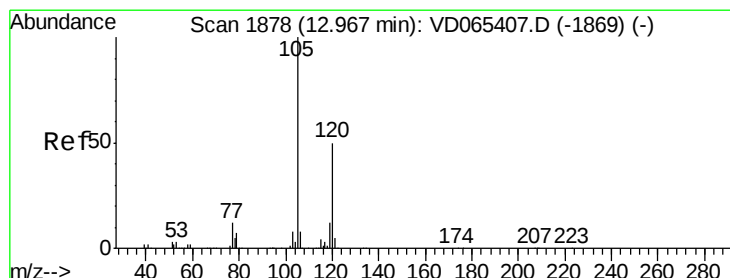
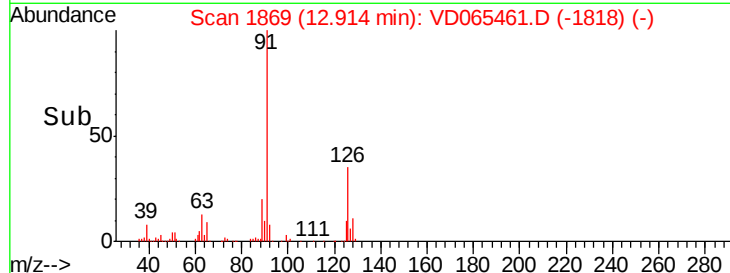
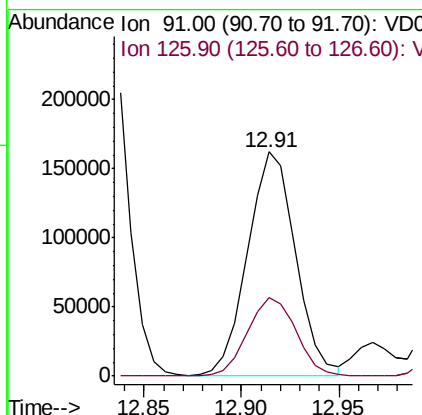
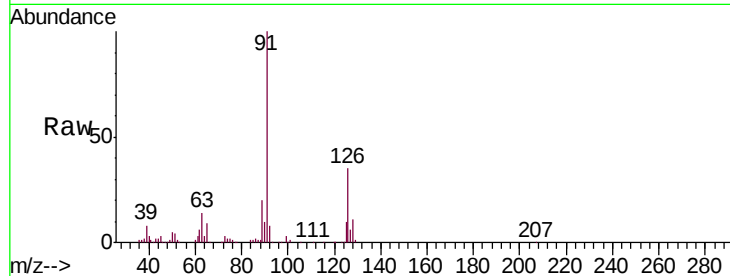




#79
 2-Chlorotoluene
 Concen: 20.838 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD065461.D
 Acq: 10 Mar 2020 13:31

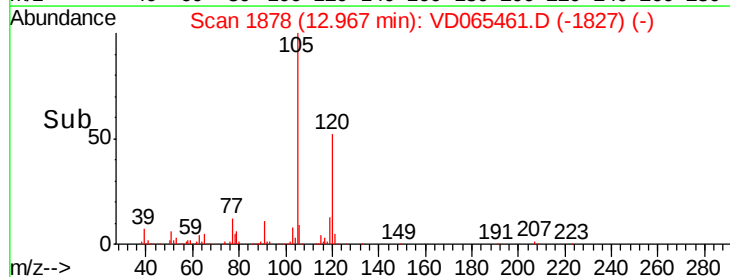
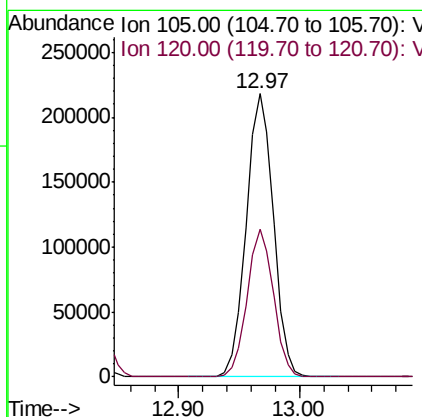
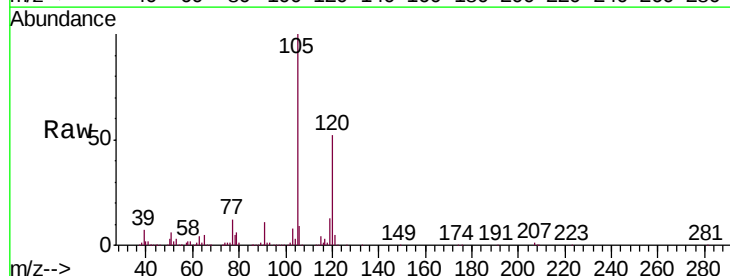
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBS01

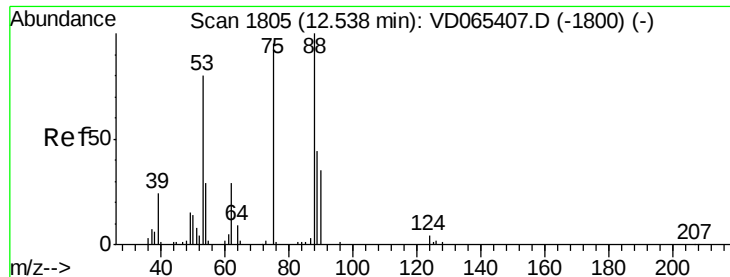
Tgt Ion: 91 Resp: 275956
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.9 53.8



#80
 1,3,5-Trimethylbenzene
 Concen: 21.097 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD065461.D
 Acq: 10 Mar 2020 13:31

Tgt Ion: 105 Resp: 343492
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 21.134 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBS01

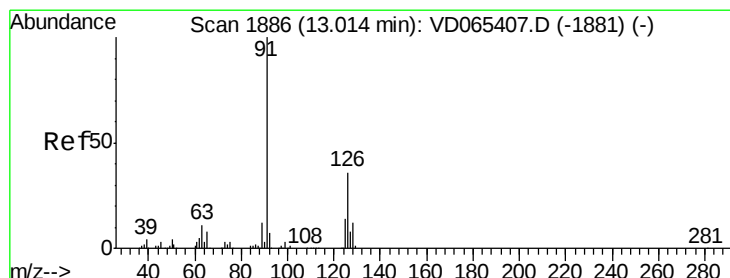
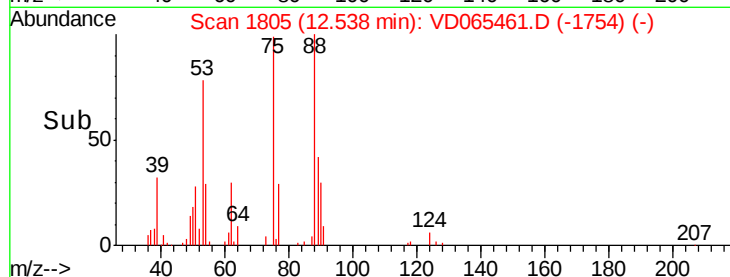
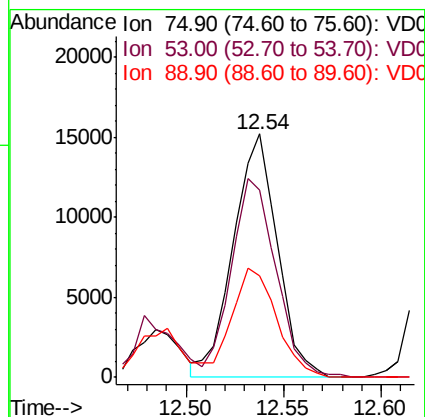
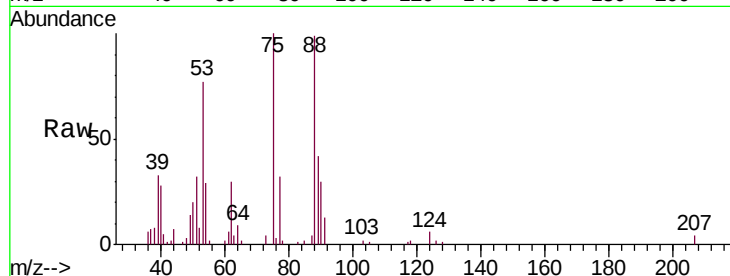
Tgt Ion: 75 Resp: 23794

Ion Ratio Lower Upper

75 100

53 82.9 71.3 106.9

89 44.4 37.0 55.6



#82

4-Chlorotoluene

Concen: 21.403 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065461.D

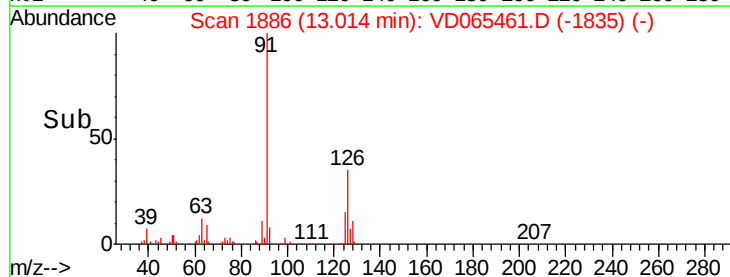
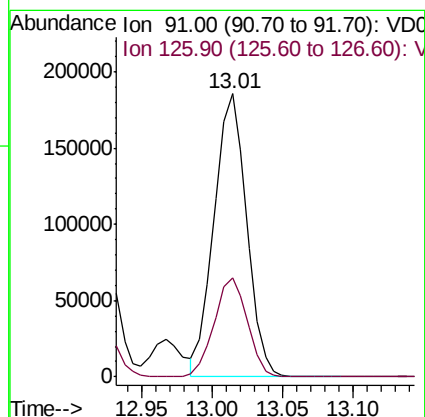
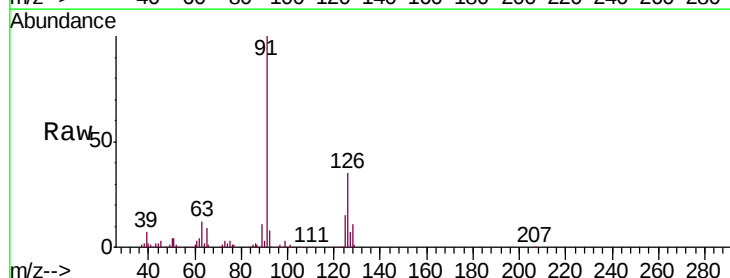
Acq: 10 Mar 2020 13:31

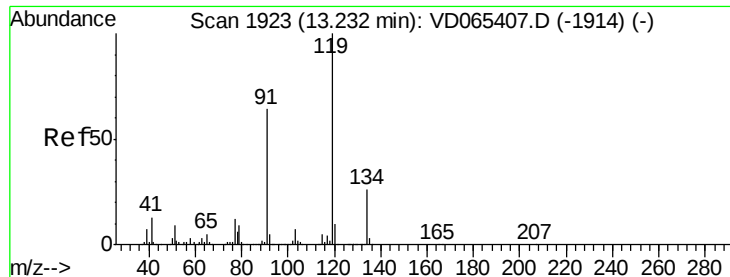
Tgt Ion: 91 Resp: 297841

Ion Ratio Lower Upper

91 100

126 35.4 17.6 52.8





#83

tert-Butylbenzene

Concen: 19.632 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBS01

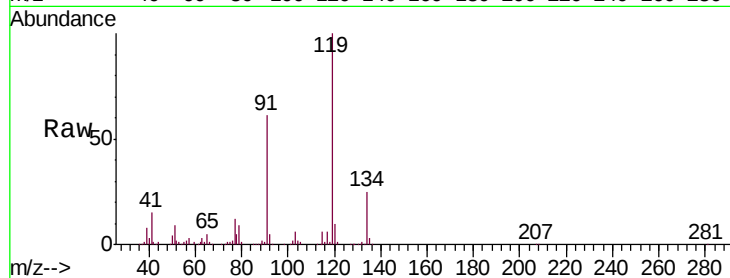
Tgt Ion:119 Resp: 270410

Ion Ratio Lower Upper

119 100

91 63.0 31.6 95.0

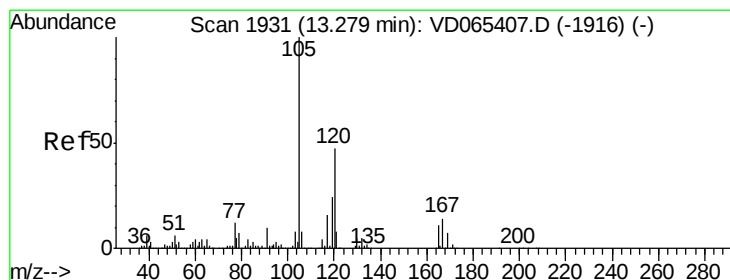
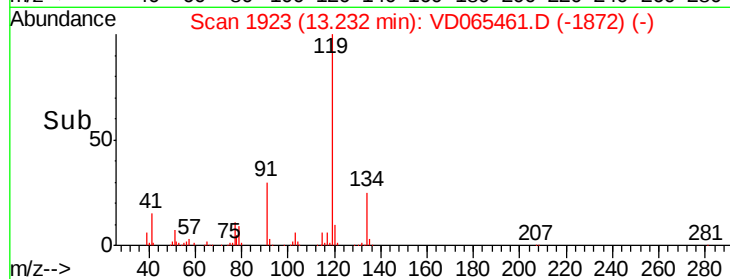
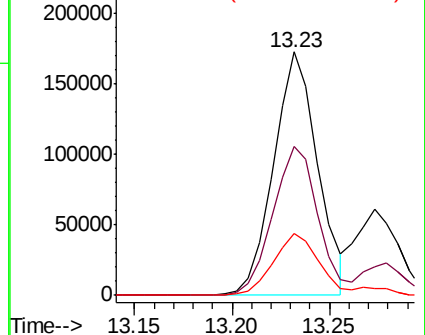
134 26.2 14.2 42.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.280 ug/l

RT: 13.28 min Scan# 1931

Delta R.T. 0.00 min

Lab File: VD065461.D

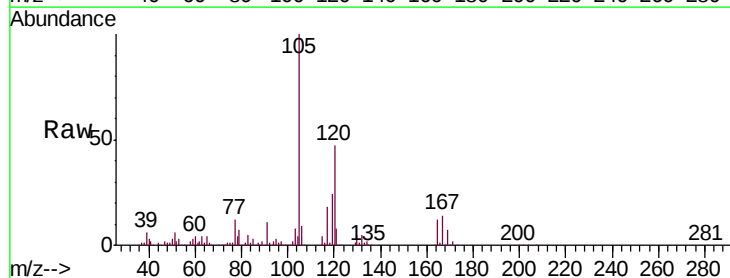
Acq: 10 Mar 2020 13:31

Tgt Ion:105 Resp: 341512

Ion Ratio Lower Upper

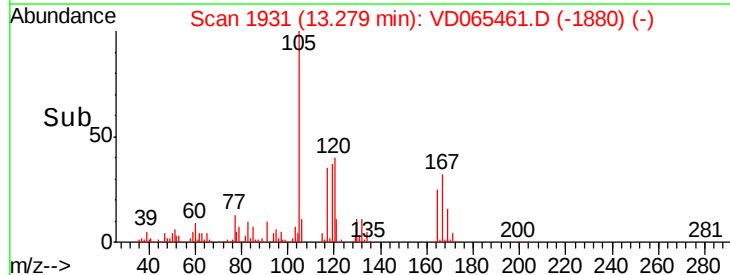
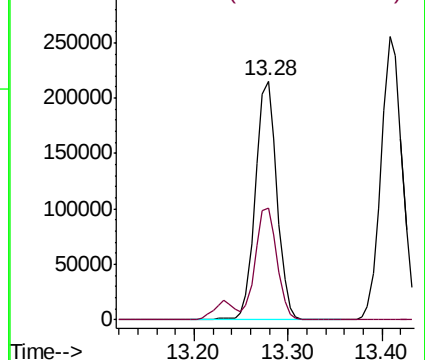
105 100

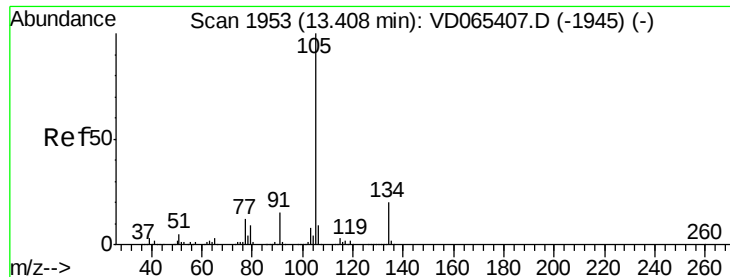
120 47.1 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.240 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

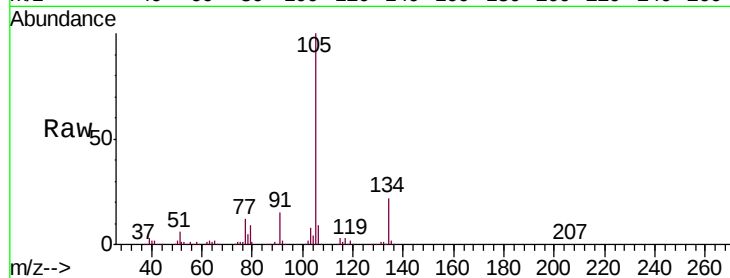
VD0310SBS01

Tgt Ion:105 Resp: 397949

Ion Ratio Lower Upper

105 100

134 21.2 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

300000

250000

200000

150000

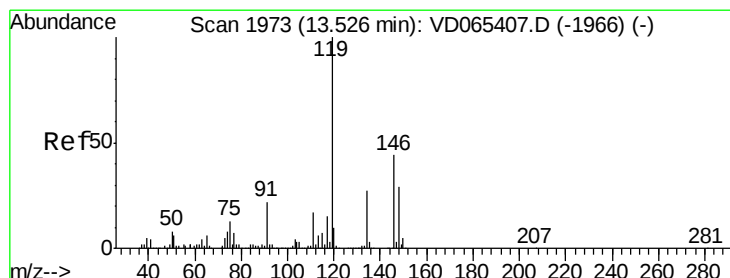
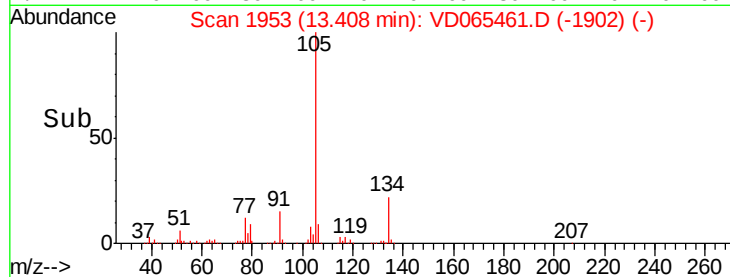
100000

50000

0

13.35 13.40 13.45

Time-->



#86

p-Isopropyltoluene

Concen: 20.656 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

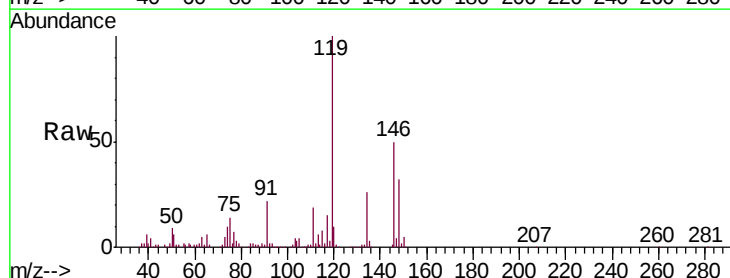
Tgt Ion:119 Resp: 370584

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 21.5 10.9 32.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

300000

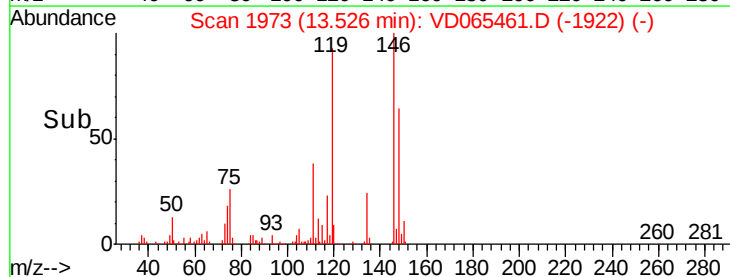
200000

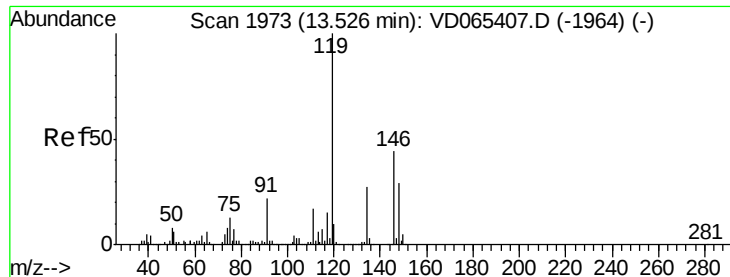
100000

0

13.40 13.50 13.60

Time-->





#87

1,3-Dichlorobenzene

Concen: 21.450 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBS01

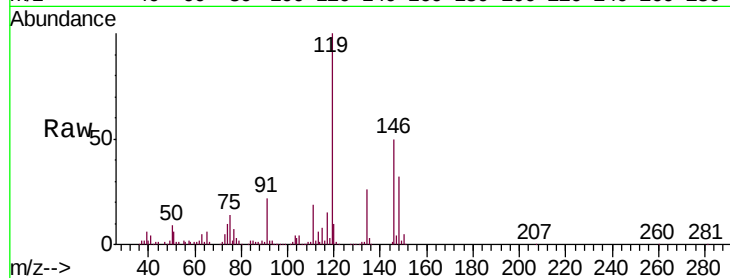
Tgt Ion:146 Resp: 202907

Ion Ratio Lower Upper

146 100

111 37.7 19.1 57.1

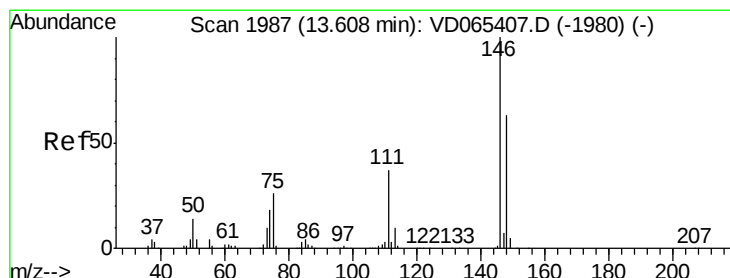
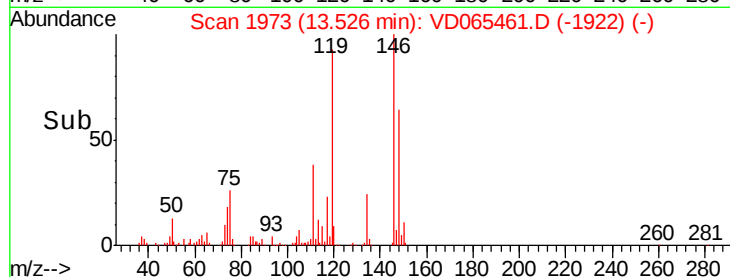
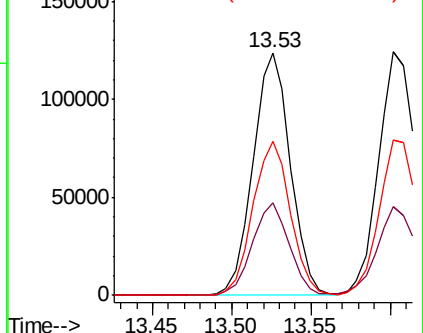
148 63.9 32.3 96.8



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: 21.487 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.01 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

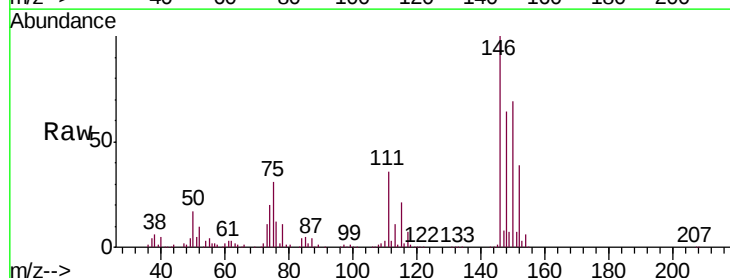
Tgt Ion:146 Resp: 202192

Ion Ratio Lower Upper

146 100

111 37.4 18.5 55.5

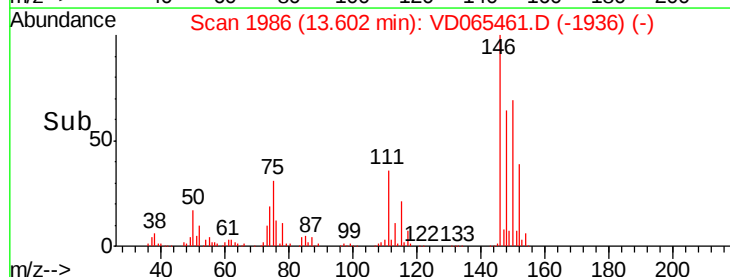
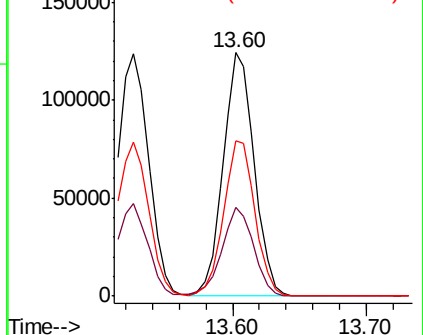
148 64.6 32.0 96.0

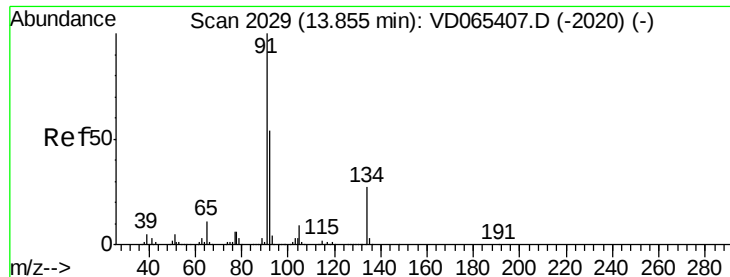


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.857 ug/l

RT: 13.86 min Scan# 2029

Delta R.T. 0.00 min

Lab File: VD065461.D

Acq: 10 Mar 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBS01

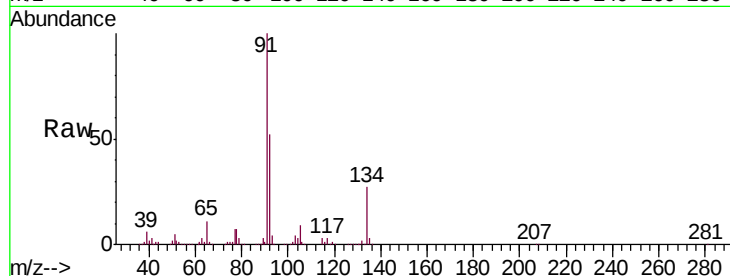
Tgt Ion: 91 Resp: 329355

Ion Ratio Lower Upper

91 100

92 53.1 26.8 80.4

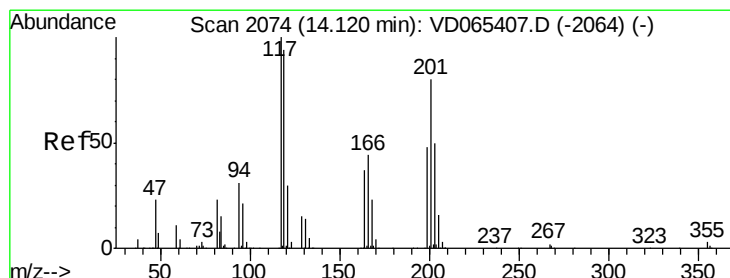
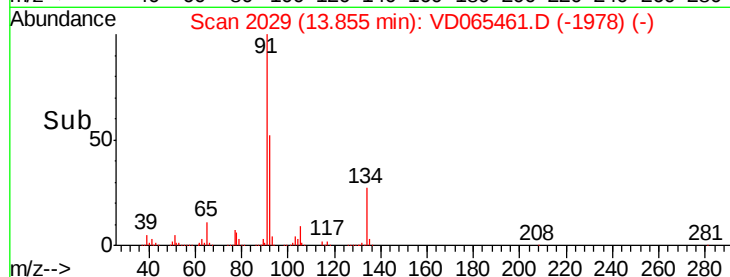
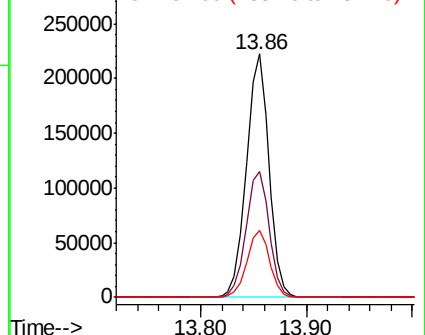
134 27.5 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.00 (133.70 to 134.70): VDC



#90

Hexachloroethane

Concen: 20.919 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. 0.00 min

Lab File: VD065461.D

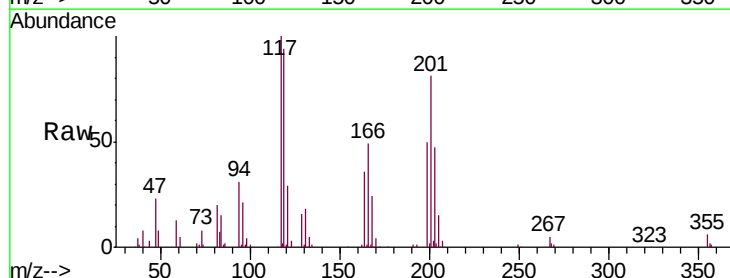
Acq: 10 Mar 2020 13:31

Tgt Ion: 117 Resp: 77291

Ion Ratio Lower Upper

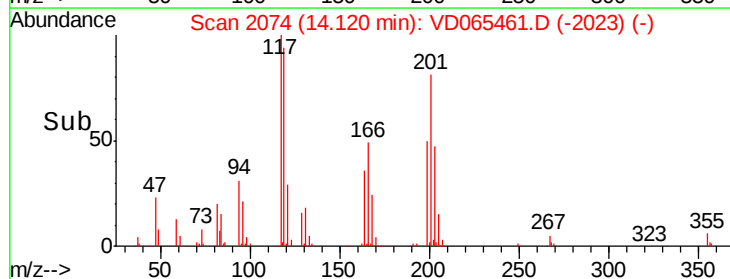
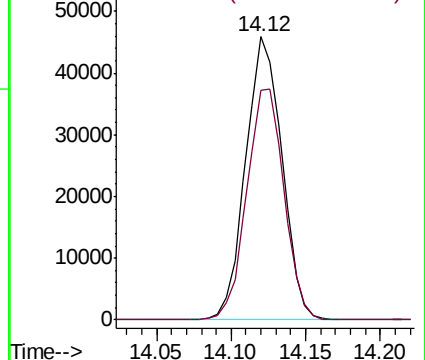
117 100

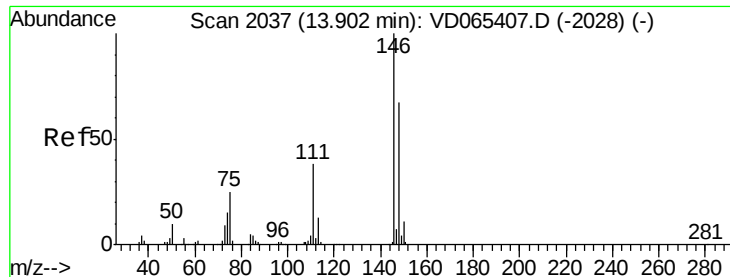
201 83.5 41.9 125.6



Abundance Ion 116.80 (116.50 to 117.50): VDC

Ion 200.70 (200.40 to 201.40): VDC

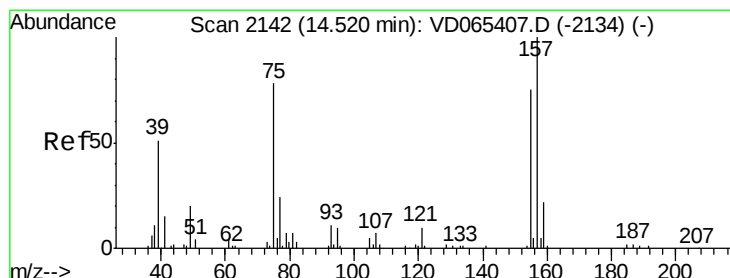
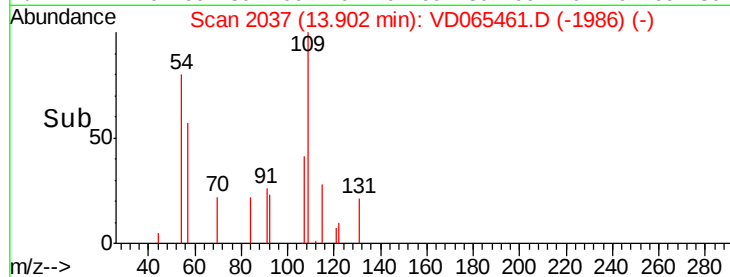
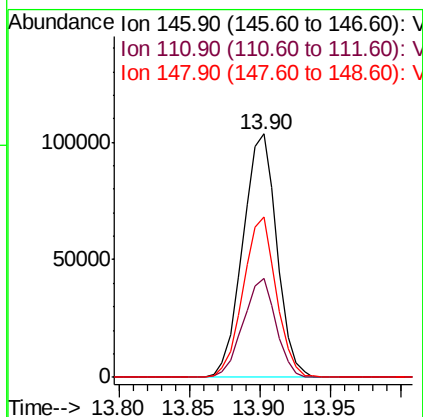
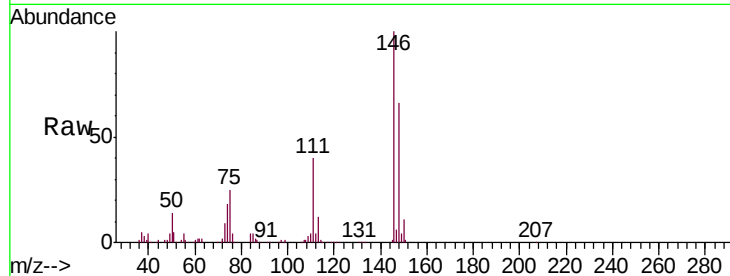




#91
 1,2-Dichlorobenzene
 Concen: 21.752 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VD065461.D
 Acq: 10 Mar 2020 13:31

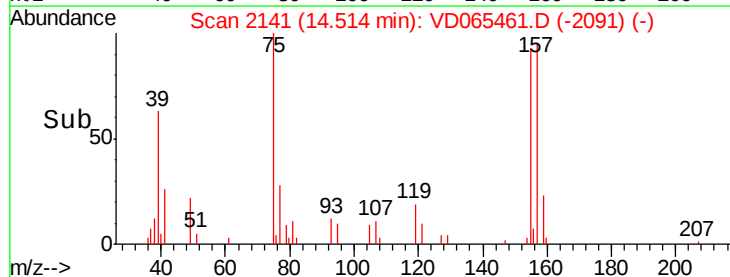
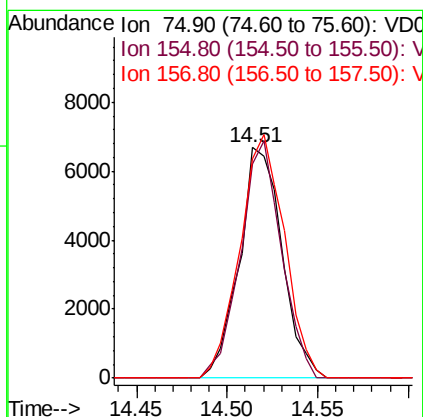
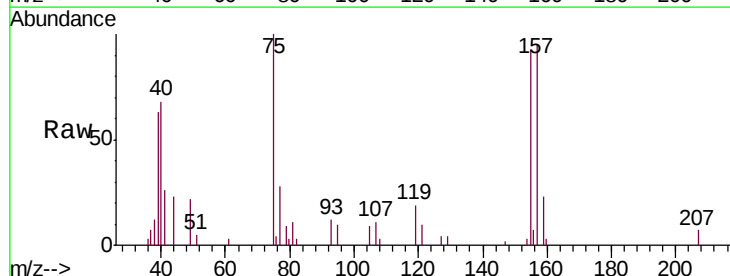
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBS01

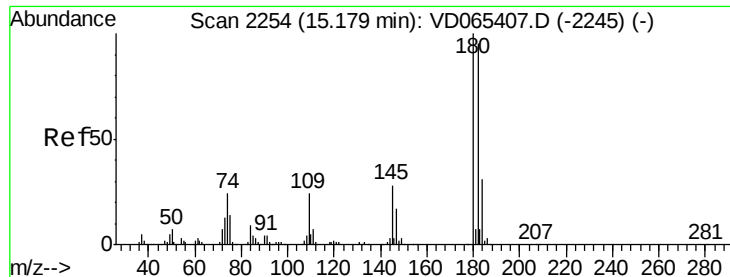
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.8	59.3
148	63.9	32.6	97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.716 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD065461.D
 Acq: 10 Mar 2020 13:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.2	46.4	139.1
157	109.8	60.2	180.4

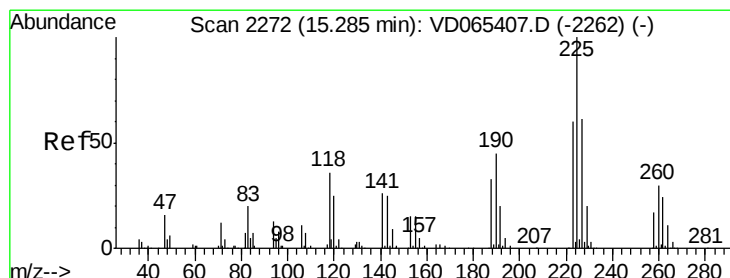
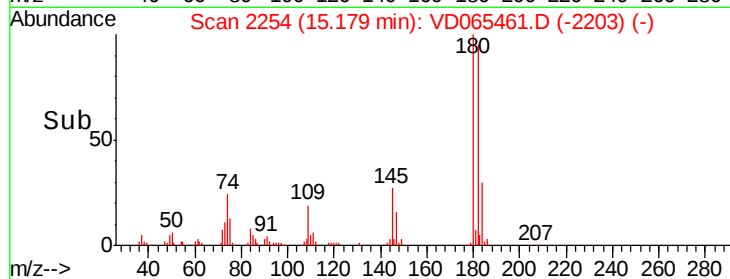
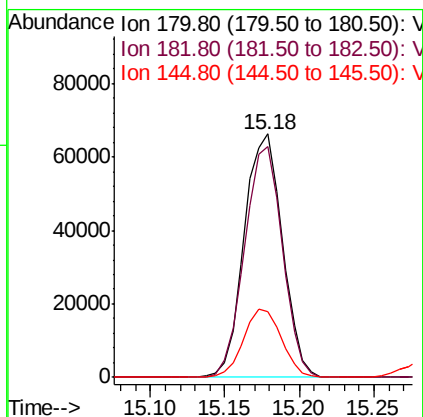
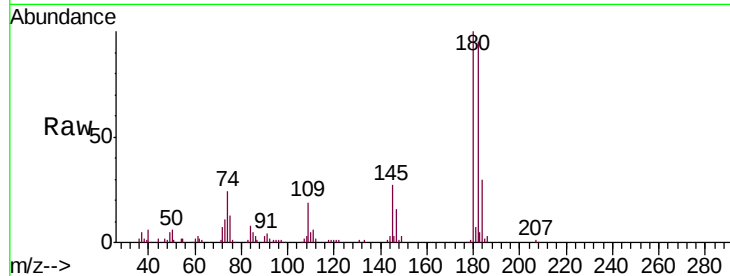




#93
 1,2,4-Trichlorobenzene
 Concen: 21.515 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VD065461.D
 Acq: 10 Mar 2020 13:31

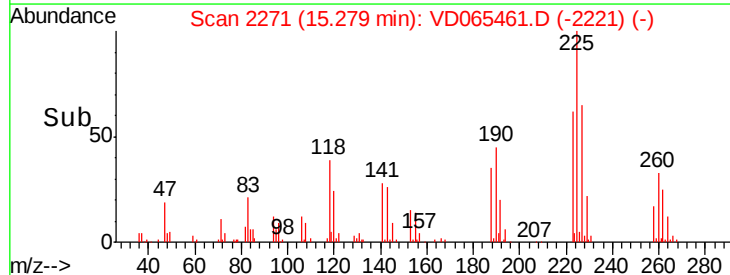
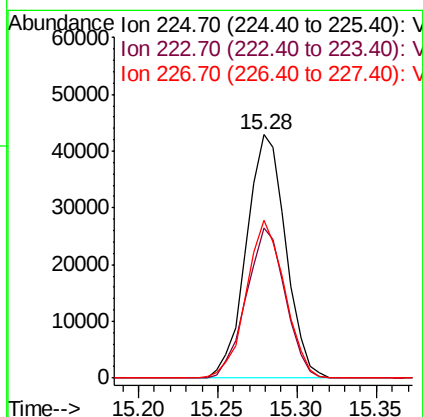
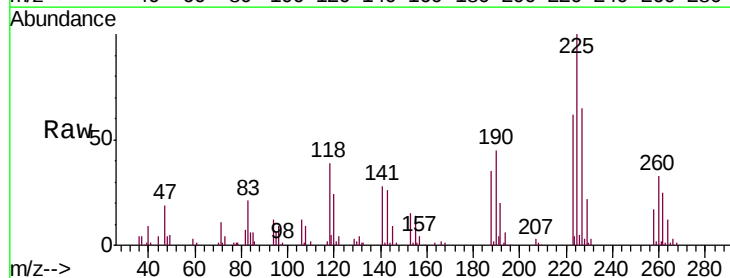
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBS01

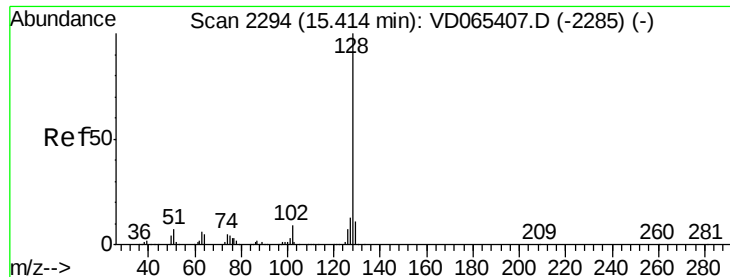
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.3	144.9
145	27.7	14.4	43.4



#94
 Hexachlorobutadiene
 Concen: 20.647 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: VD065461.D
 Acq: 10 Mar 2020 13:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	30.9	92.5
227	63.0	31.6	94.7

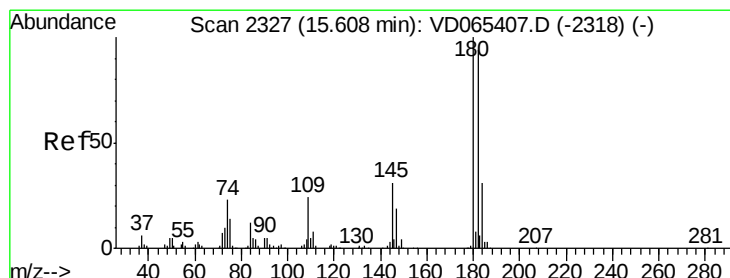
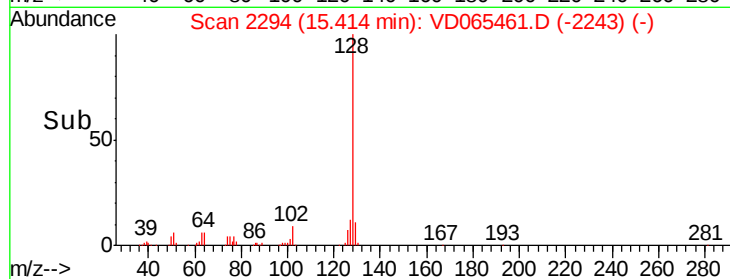
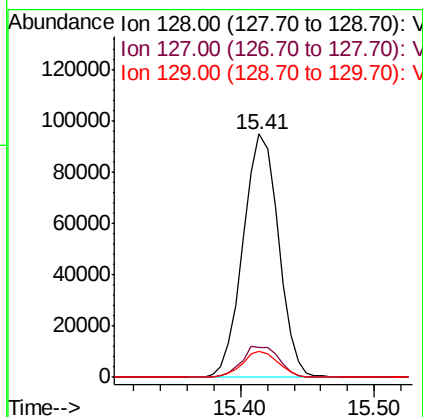
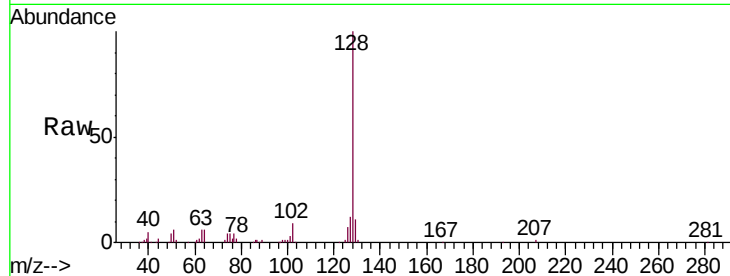




#95
Naphthalene
Concen: 20.819 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

Instrument :
MSVOA_D
ClientSampleId :
VD0310SBS01

Tgt Ion:128 Resp: 175020
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.175 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065461.D
Acq: 10 Mar 2020 13:31

Tgt Ion:180 Resp: 99837
Ion Ratio Lower Upper
180 100
182 96.8 46.9 140.6
145 31.2 15.0 45.1

