

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061920\
 Data File : VD065826.D
 Acq On : 19 Jun 2020 14:01
 Operator : VA/SY
 Sample : VD0619SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

Quant Time: Jun 20 01:24:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	185847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	294165	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	271121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	141653	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	99428	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
35) Dibromofluoromethane	7.91	113	96172	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
50) Toluene-d8	10.34	98	370841	53.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.04%	
62) 4-Bromofluorobenzene	12.64	95	122516	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.98	85	30803	22.470	ug/l	94
3) Chloromethane	2.21	50	55740	23.764	ug/l	98
4) Vinyl Chloride	2.35	62	65455	23.872	ug/l	97
5) Bromomethane	2.76	94	43518	22.695	ug/l	96
6) Chloroethane	2.92	64	42465	22.905	ug/l	98
7) Trichlorofluoromethane	3.27	101	70166	22.586	ug/l	91
8) Diethyl Ether	3.71	74	17507	21.435	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	40392	21.805	ug/l	97
10) Methyl Iodide	4.30	142	36661	20.324	ug/l	98
11) Tert butyl alcohol	5.22	59	10833	81.220	ug/l	97
12) 1,1-Dichloroethene	4.07	96	36983	21.905	ug/l	96
13) Acrolein	3.93	56	8148	78.993	ug/l	92
14) Allyl chloride	4.71	41	59421	21.294	ug/l	98
15) Acrylonitrile	5.42	53	37943	102.284	ug/l	98
16) Acetone	4.16	43	37419	108.020	ug/l	97
17) Carbon Disulfide	4.41	76	119297	21.053	ug/l	99
18) Methyl Acetate	4.72	43	18355	21.415	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	77828	20.352	ug/l	99
20) Methylene Chloride	4.96	84	49526	24.667	ug/l	96
21) trans-1,2-Dichloroethene	5.48	96	42571	21.531	ug/l	96
22) Diisopropyl ether	6.36	45	122750	21.771	ug/l	93
23) Vinyl Acetate	6.31	43	336284	105.623	ug/l	97
24) 1,1-Dichloroethane	6.27	63	73590	21.421	ug/l #	96
25) 2-Butanone	7.21	43	50781	106.146	ug/l #	88
26) 2,2-Dichloropropane	7.21	77	64556	21.193	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	44828	21.077	ug/l	99
28) Bromochloromethane	7.54	49	28296	21.326	ug/l	100
29) Tetrahydrofuran	7.56	42	31888	105.462	ug/l	94
30) Chloroform	7.71	83	75657	21.247	ug/l	99
31) Cyclohexane	7.98	56	69816	21.199	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	68744	20.996	ug/l	96
36) 1,1-Dichloropropene	8.11	75	59666	21.174	ug/l	98
37) Ethyl Acetate	7.29	43	23074	20.789	ug/l	98
38) Carbon Tetrachloride	8.10	117	62500	21.075	ug/l	96

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Quant Time: Jun 20 01:24:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	70700	21.191	ug/l	95
40) Benzene	8.35	78	164622	21.370	ug/l	97
41) Methacrylonitrile	7.53	41	12967	19.620	ug/l	94
42) 1,2-Dichloroethane	8.43	62	47735	20.537	ug/l	99
43) Isopropyl Acetate	8.46	43	43551	19.732	ug/l	99
44) Trichloroethene	9.11	130	44164	20.601	ug/l	95
45) 1,2-Dichloropropane	9.39	63	41095	21.231	ug/l	97
46) Dibromomethane	9.48	93	21434	20.417	ug/l	95
47) Bromodichloromethane	9.66	83	57196	20.332	ug/l	97
48) Methyl methacrylate	9.46	41	19570	18.318	ug/l	88
49) 1,4-Dioxane	9.46	88	4960	443.893	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	108649	100.460	ug/l	97
52) Toluene	10.41	92	106086	21.194	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	52768	20.714	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	63325	21.048	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	27610	19.683	ug/l	96
56) Ethyl methacrylate	10.66	69	32796	19.878	ug/l	95
57) 1,3-Dichloropropane	10.95	76	49347	20.306	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	83646	109.049	ug/l	98
59) 2-Hexanone	10.98	43	74851	102.656	ug/l	100
60) Dibromochloromethane	11.14	129	38004	20.056	ug/l	97
61) 1,2-Dibromoethane	11.25	107	28618	20.760	ug/l	100
64) Tetrachloroethene	10.88	164	37546	20.480	ug/l	92
65) Chlorobenzene	11.67	112	110204	20.821	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	40644	20.601	ug/l	98
67) Ethyl Benzene	11.75	91	198949	21.041	ug/l	96
68) m/p-Xylenes	11.85	106	155940	42.816	ug/l	98
69) o-Xylene	12.18	106	68554	20.876	ug/l	99
70) Styrene	12.20	104	118230	20.798	ug/l	97
71) Bromoform	12.37	173	21626	19.905	ug/l #	100
73) Isopropylbenzene	12.48	105	190840	20.094	ug/l	99
74) N-amyl acetate	12.29	43	40678	19.252	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	32607	20.329	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	43240	39.250	ug/l #	100
77) Bromobenzene	12.77	156	45494	20.246	ug/l	99
78) n-propylbenzene	12.83	91	235945	20.639	ug/l	99
79) 2-Chlorotoluene	12.91	91	130038	20.735	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	162068	20.506	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	10557	20.705	ug/l	94
82) 4-Chlorotoluene	13.01	91	138616	20.592	ug/l	100
83) tert-Butylbenzene	13.23	119	139815	20.388	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	161785	20.452	ug/l	100
85) sec-Butylbenzene	13.41	105	195224	20.456	ug/l	99
86) p-Isopropyltoluene	13.52	119	178056	20.356	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	89483	20.196	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	87281	19.803	ug/l	97
89) n-Butylbenzene	13.85	91	170715	20.463	ug/l	99
90) Hexachloroethane	14.11	117	36265	20.712	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	76054	19.946	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5255	19.687	ug/l	85

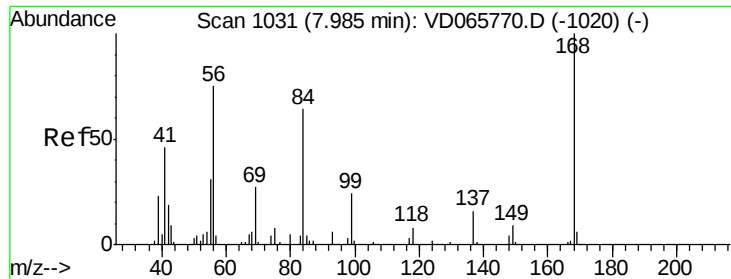
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD061920\
Data File : VD065826.D
Acq On : 19 Jun 2020 14:01
Operator : VA/SY
Sample : VD0619SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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Instrument :
MSVOA_D
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	49203	18.978	ug/l	98
94) Hexachlorobutadiene	15.27	225	28602	18.250	ug/l	98
95) Naphthalene	15.41	128	79913	18.197	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	41596	18.628	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

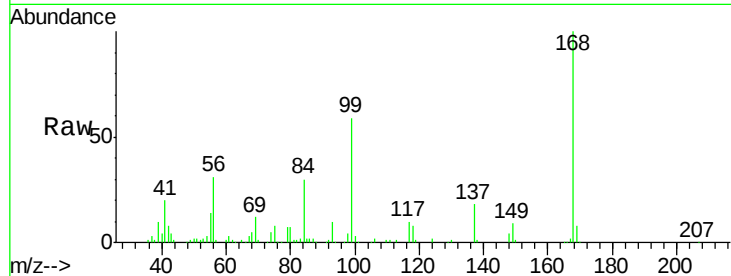
VD0619SBSD01

Tgt Ion:168 Resp: 185847

Ion Ratio Lower Upper

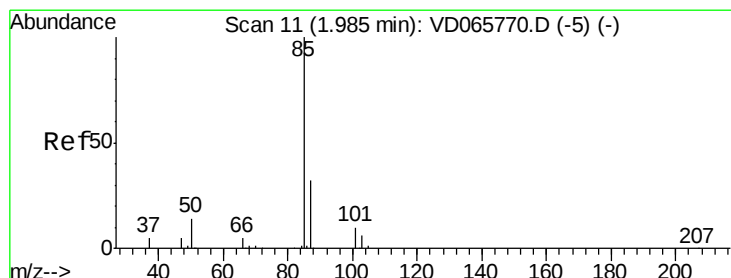
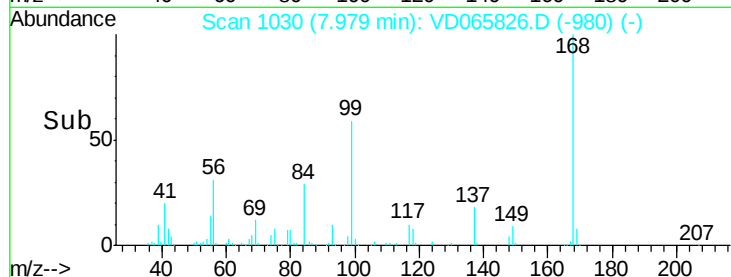
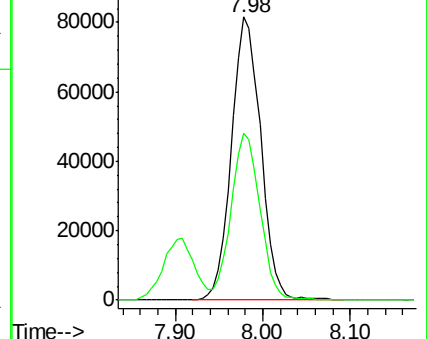
168 100

99 58.9 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 22.470 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065826.D

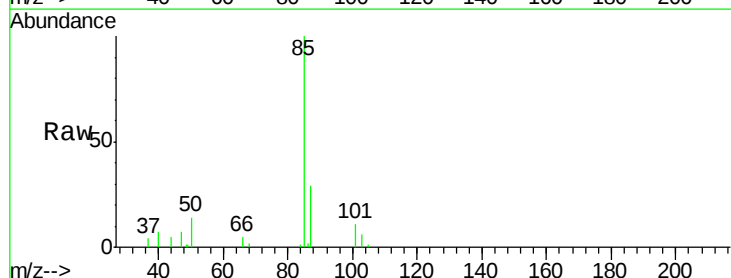
Acq: 19 Jun 2020 14:01

Tgt Ion: 85 Resp: 30803

Ion Ratio Lower Upper

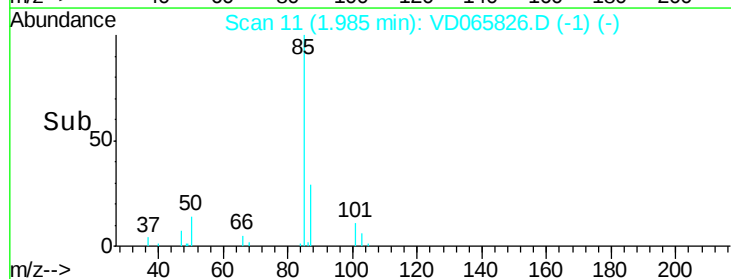
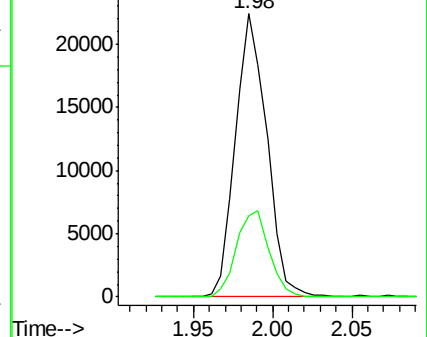
85 100

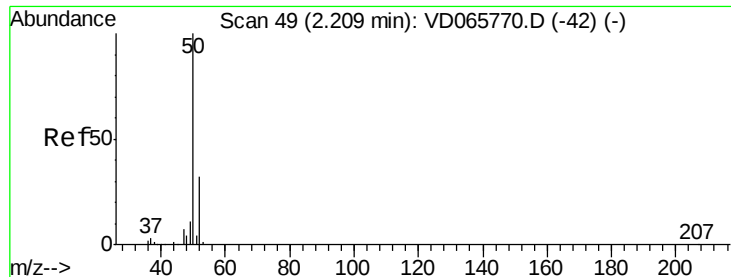
87 28.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 23.764 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

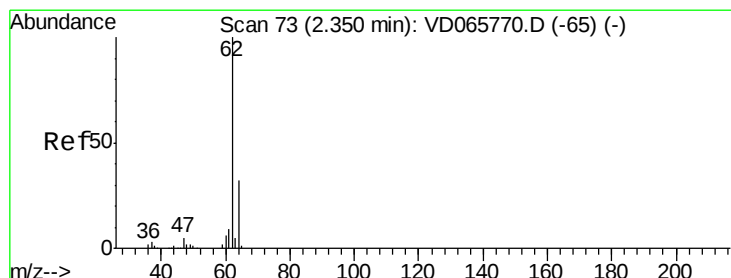
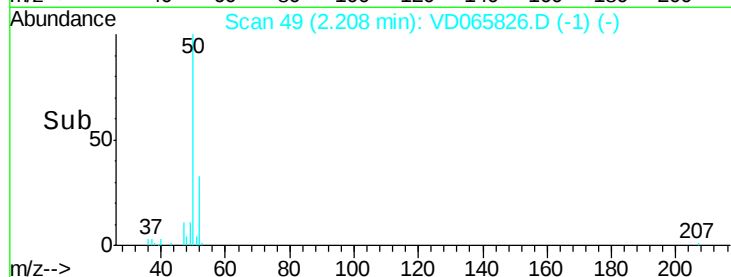
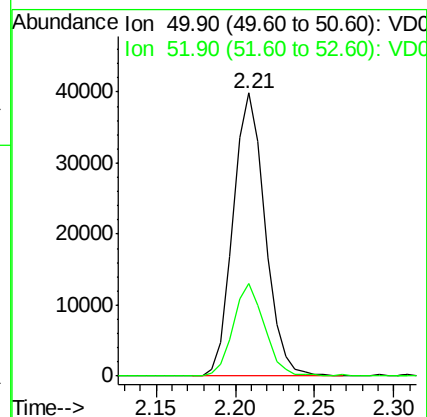
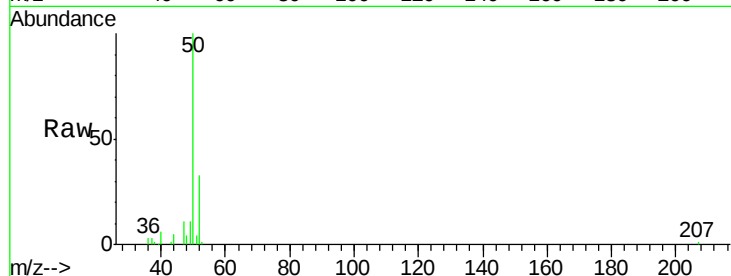
VD0619SBSD01

Tgt Ion: 50 Resp: 55740

Ion Ratio Lower Upper

50 100

52 32.9 25.6 38.4



#4

Vinyl Chloride

Concen: 23.872 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065826.D

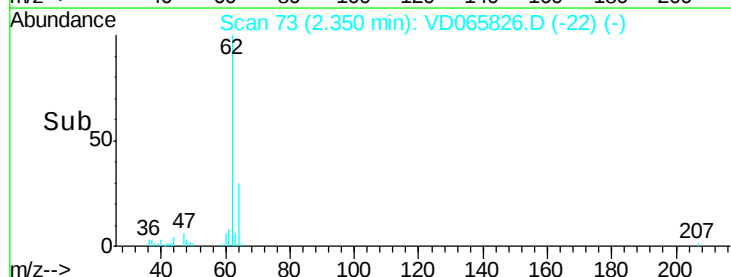
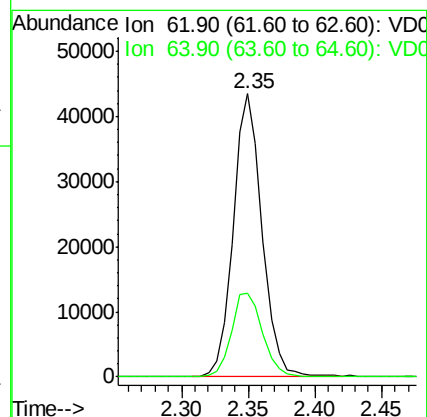
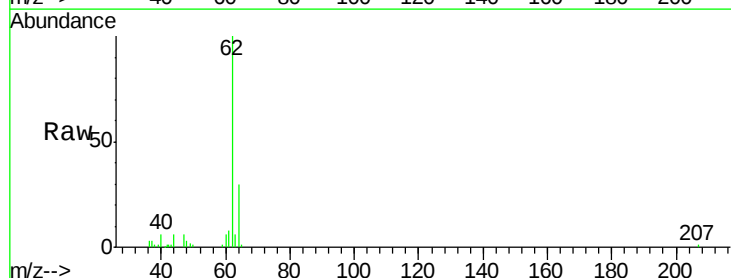
Acq: 19 Jun 2020 14:01

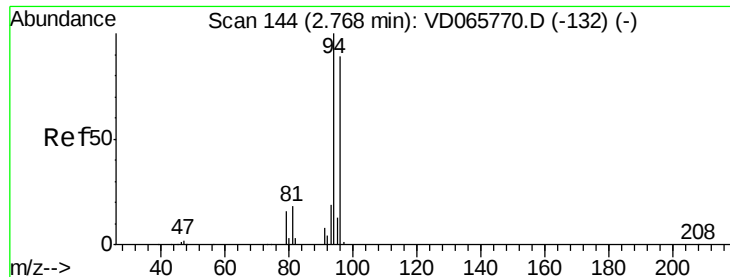
Tgt Ion: 62 Resp: 65455

Ion Ratio Lower Upper

62 100

64 29.8 25.3 37.9





#5

Bromomethane

Concen: 22.695 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

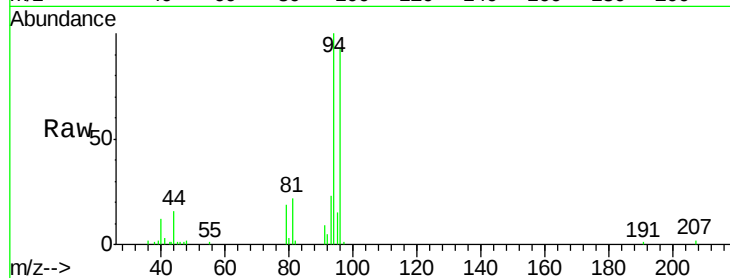
VD0619SBSD01

Tgt Ion: 94 Resp: 43518

Ion Ratio Lower Upper

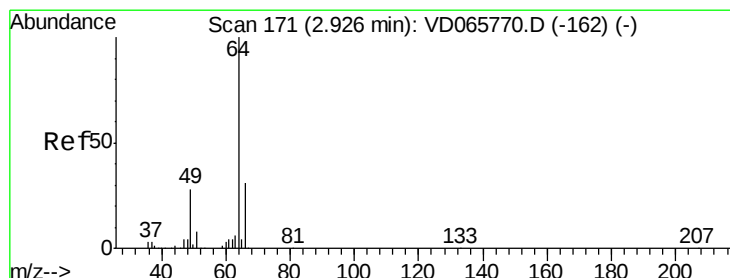
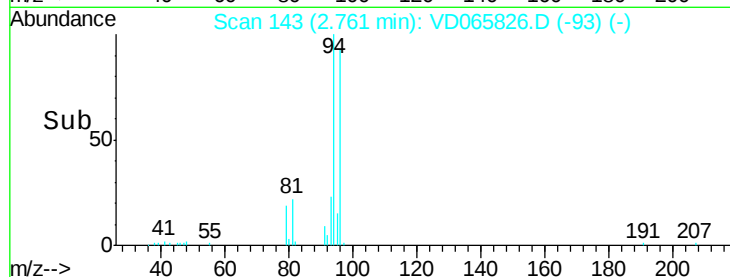
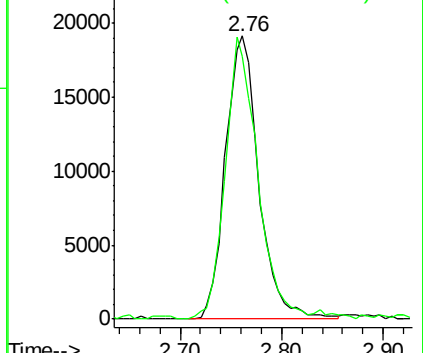
94 100

96 92.8 71.4 107.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 22.905 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065826.D

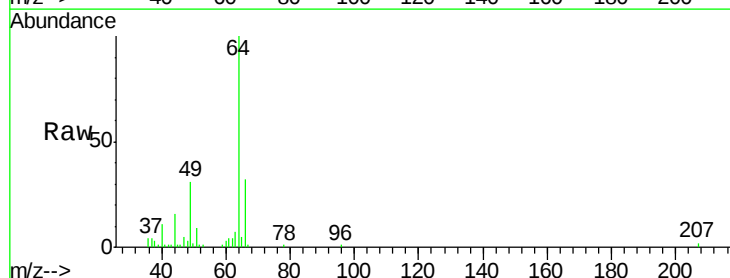
Acq: 19 Jun 2020 14:01

Tgt Ion: 64 Resp: 42465

Ion Ratio Lower Upper

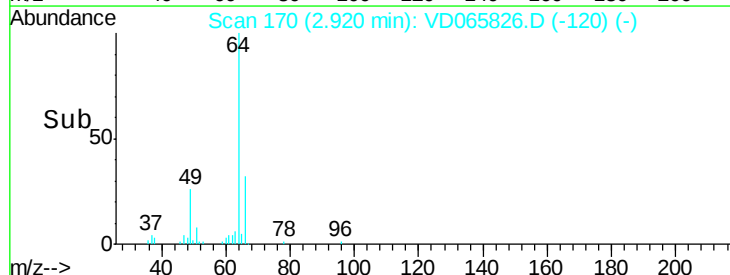
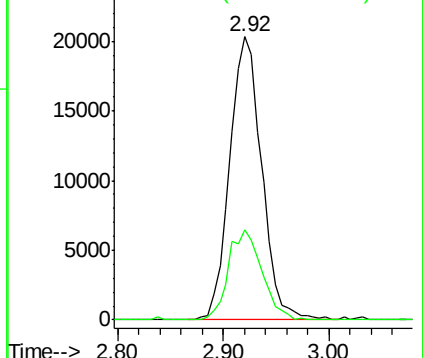
64 100

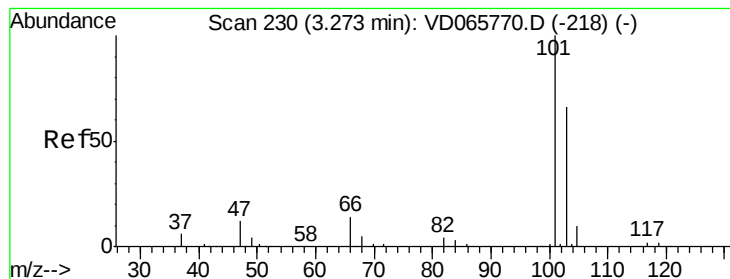
66 31.8 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



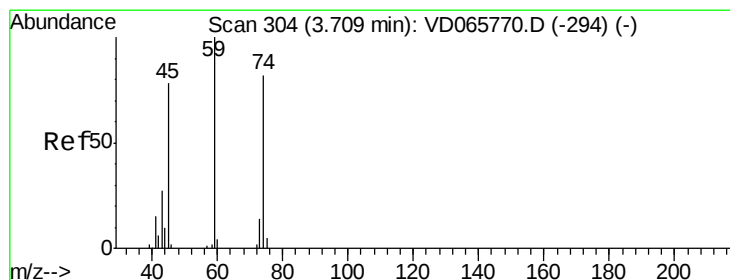
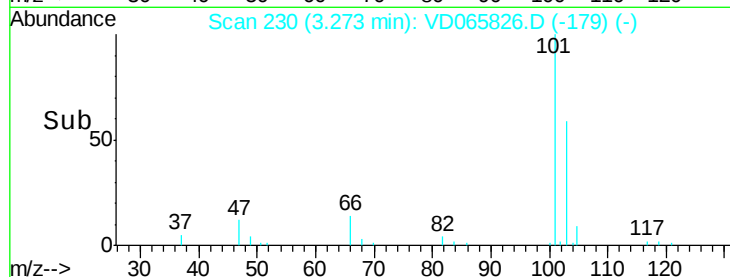
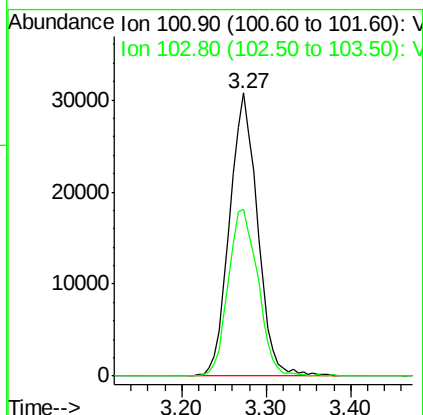
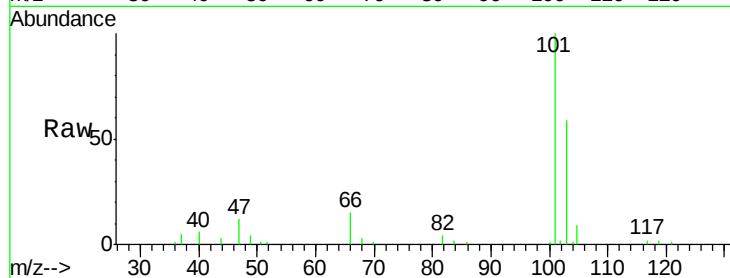


#7

Trichlorofluoromethane
 Concen: 22.586 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065826.D
 Acq: 19 Jun 2020 14:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

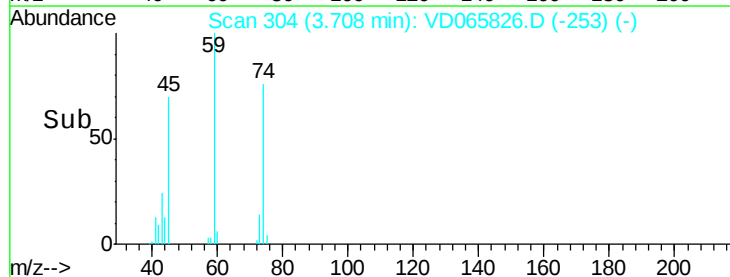
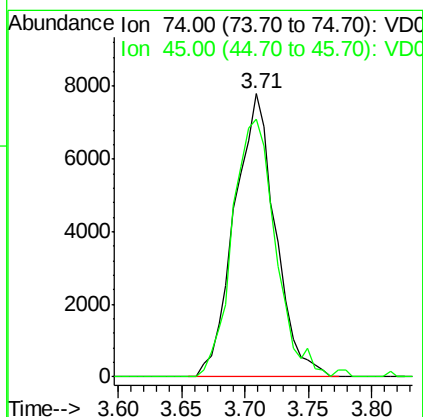
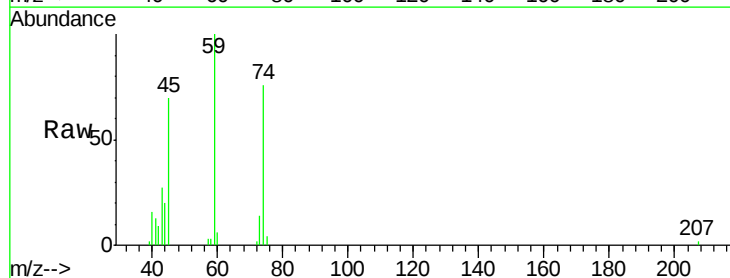
Tgt Ion: 101 Resp: 70166
 Ion Ratio Lower Upper
 101 100
 103 59.0 53.1 79.7

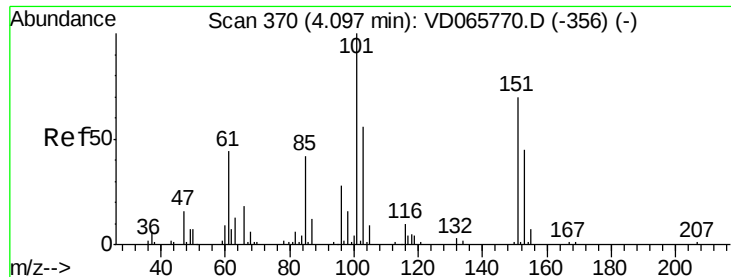


#8

Diethyl Ether
 Concen: 21.435 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065826.D
 Acq: 19 Jun 2020 14:01

Tgt Ion: 74 Resp: 17507
 Ion Ratio Lower Upper
 74 100
 45 95.7 47.9 143.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.805 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01

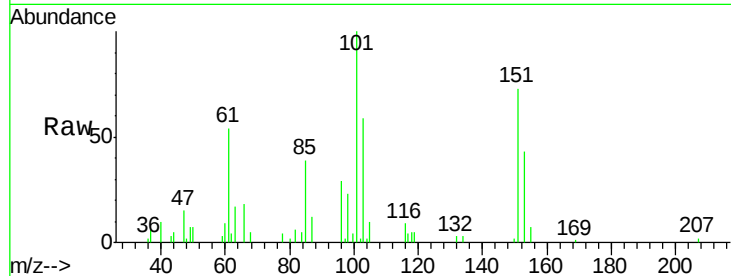
Tgt Ion:101 Resp: 40392

Ion Ratio Lower Upper

101 100

85 46.9 36.5 54.7

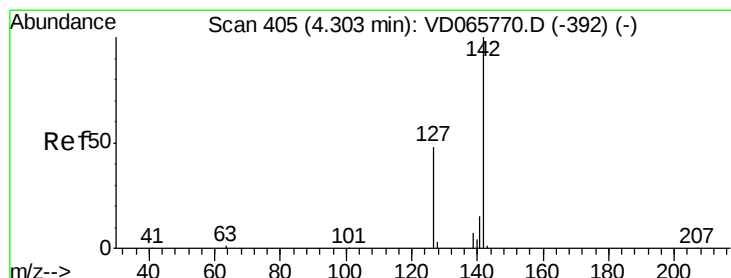
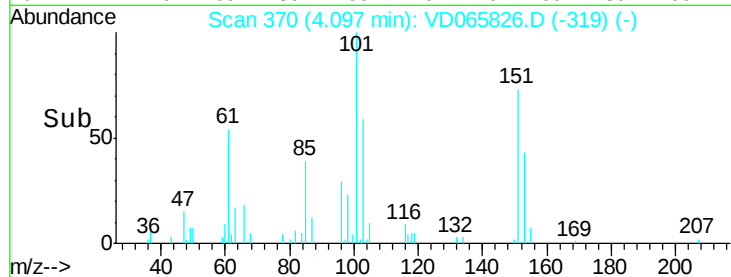
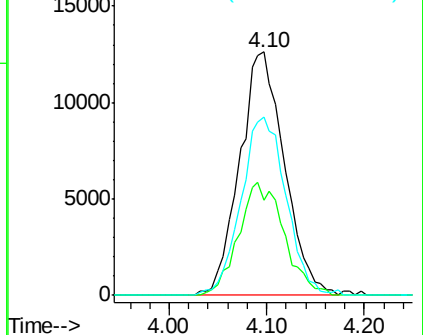
151 73.8 61.8 92.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.324 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

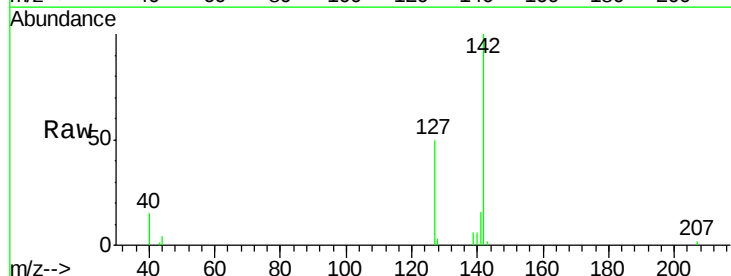
Tgt Ion:142 Resp: 36661

Ion Ratio Lower Upper

142 100

127 48.7 37.6 56.4

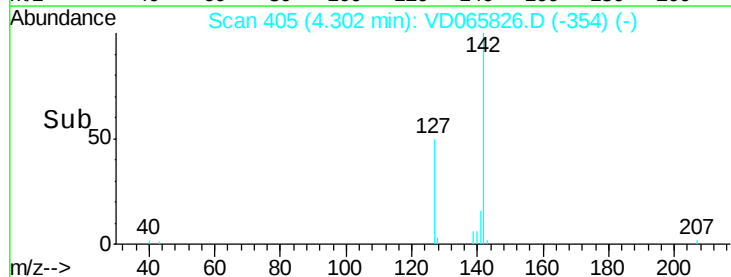
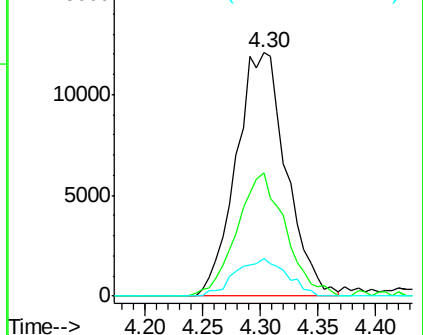
141 15.7 12.1 18.1

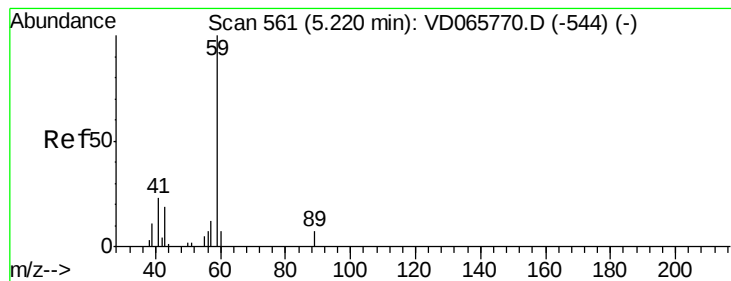


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 81.220 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

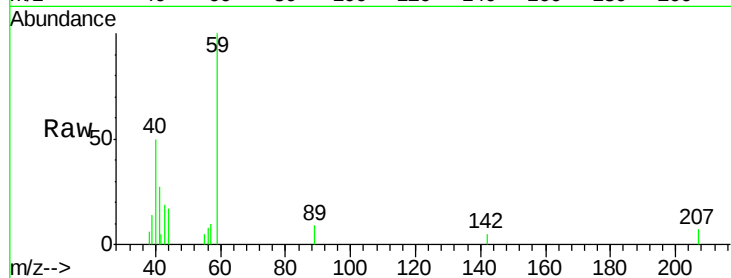
VD0619SBSD01

Tgt Ion: 59 Resp: 10833

Ion Ratio Lower Upper

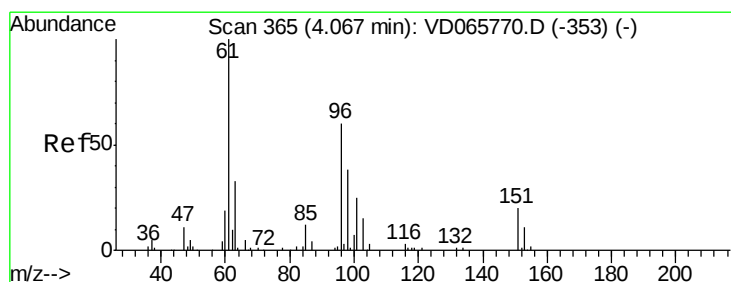
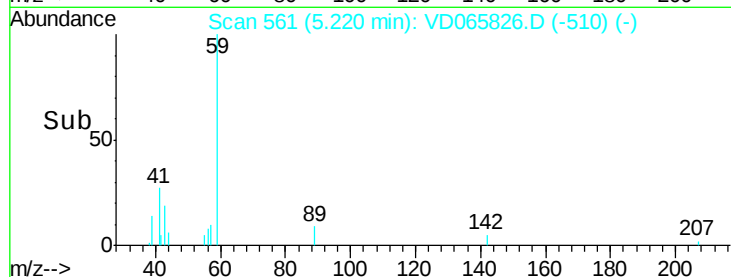
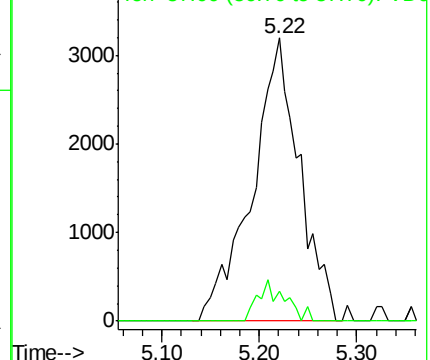
59 100

57 8.3 7.5 11.3



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 21.905 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

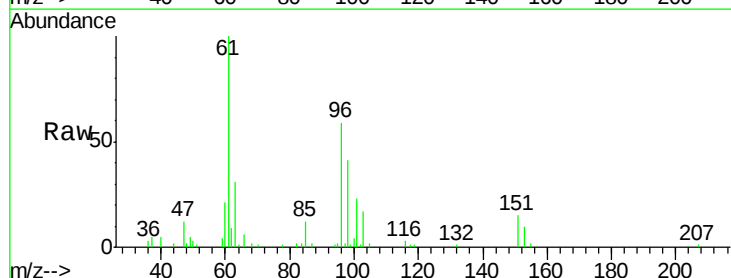
Tgt Ion: 96 Resp: 36983

Ion Ratio Lower Upper

96 100

61 169.3 132.3 198.5

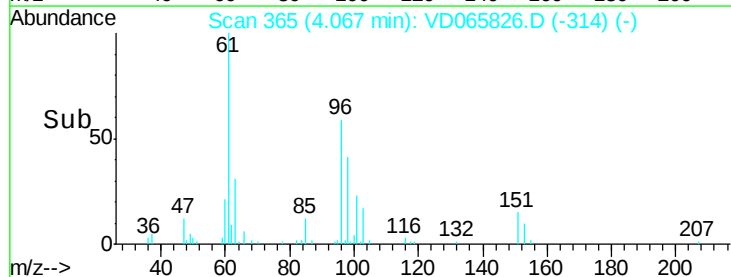
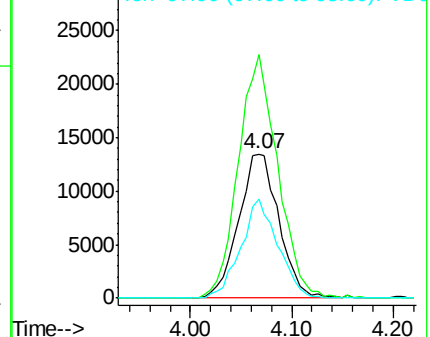
98 69.0 50.7 76.1

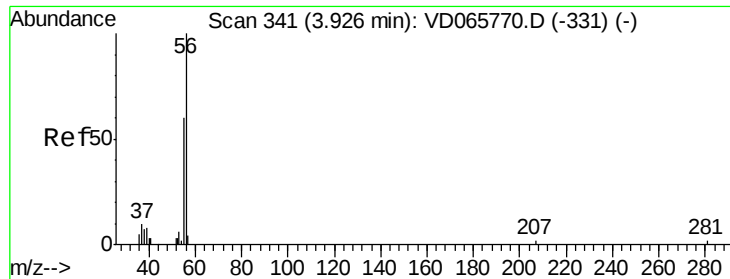


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 78.993 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

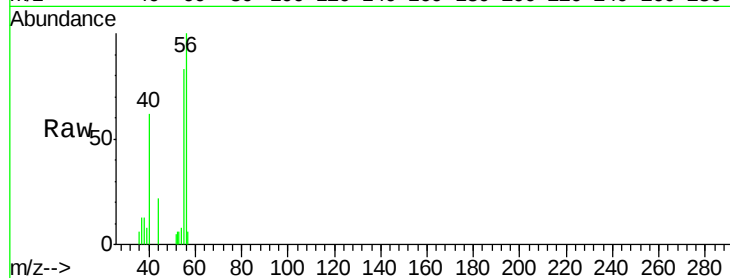
VD0619SBSD01

Tgt Ion: 56 Resp: 8148

Ion Ratio Lower Upper

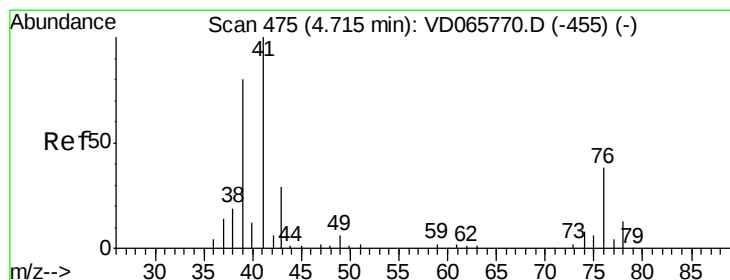
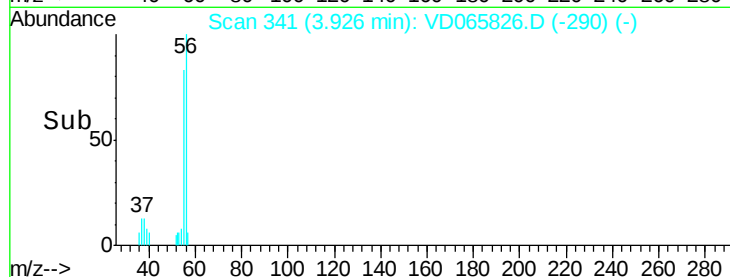
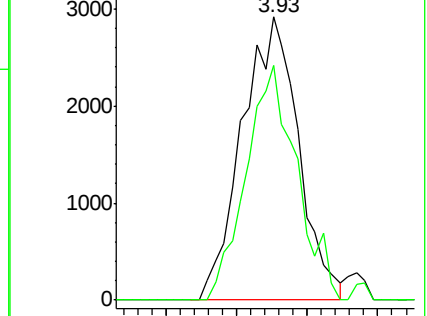
56 100

55 74.7 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 21.294 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

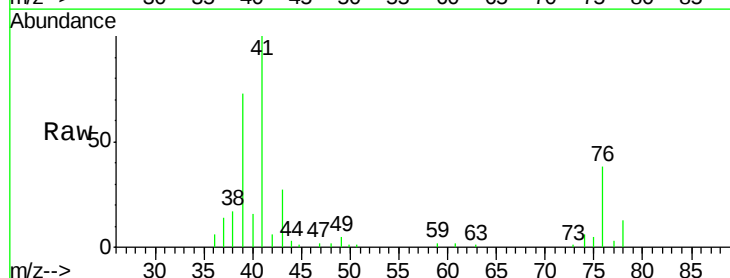
Tgt Ion: 41 Resp: 59421

Ion Ratio Lower Upper

41 100

39 78.2 60.9 91.3

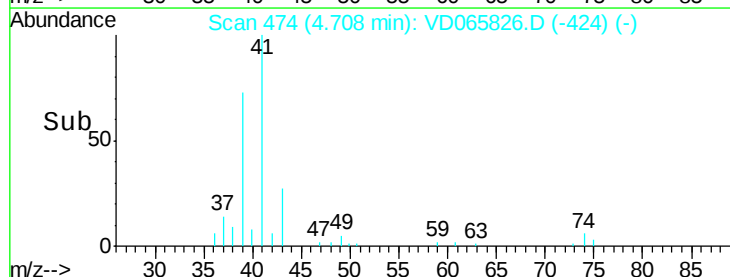
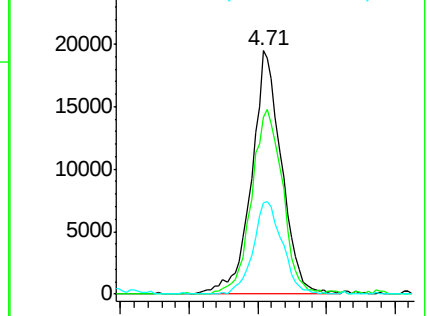
76 37.1 28.9 43.3

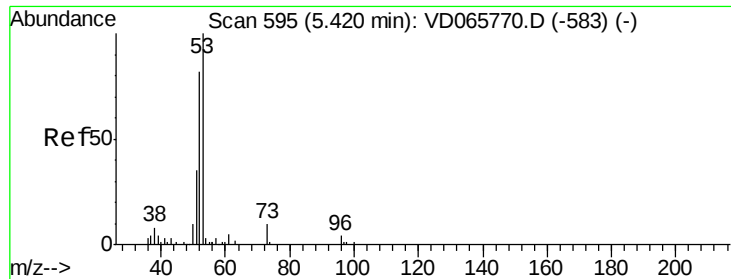


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 102.284 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01

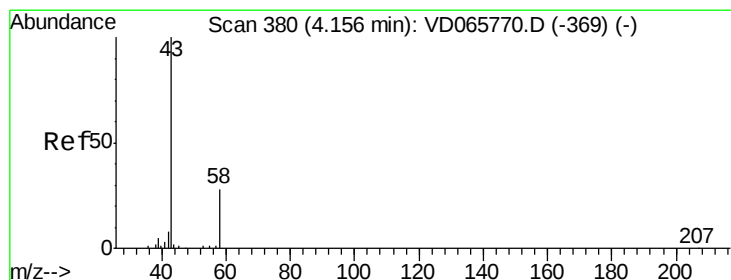
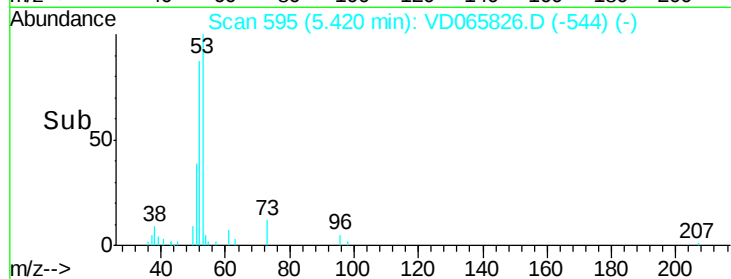
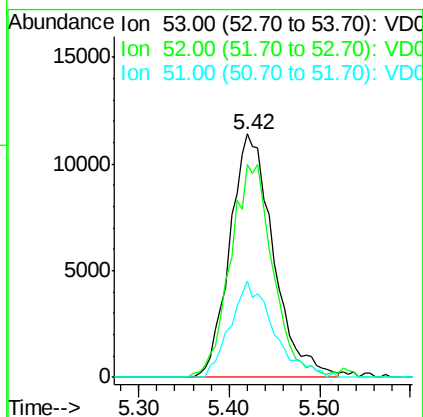
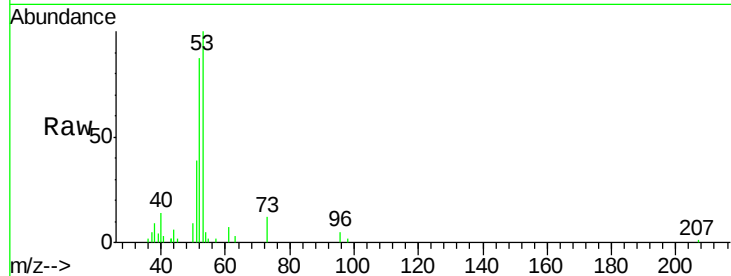
Tgt Ion: 53 Resp: 37943

Ion Ratio Lower Upper

53 100

52 85.1 66.2 99.2

51 39.1 30.7 46.1



#16

Acetone

Concen: 108.020 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065826.D

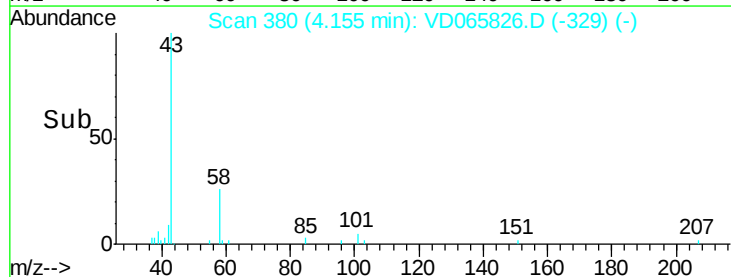
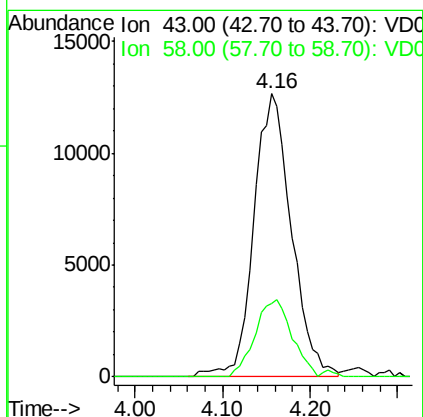
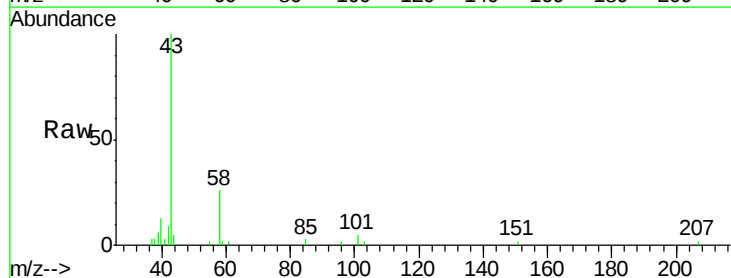
Acq: 19 Jun 2020 14:01

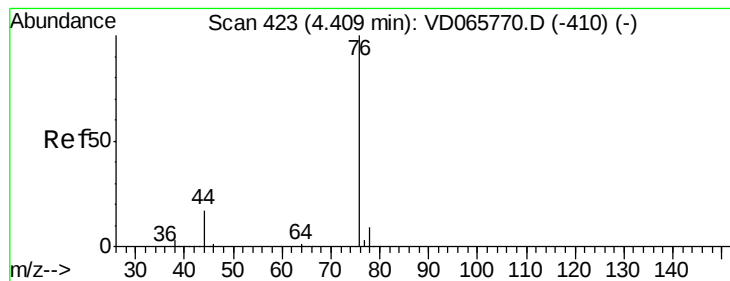
Tgt Ion: 43 Resp: 37419

Ion Ratio Lower Upper

43 100

58 26.2 22.3 33.5





#17

Carbon Disulfide

Concen: 21.053 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

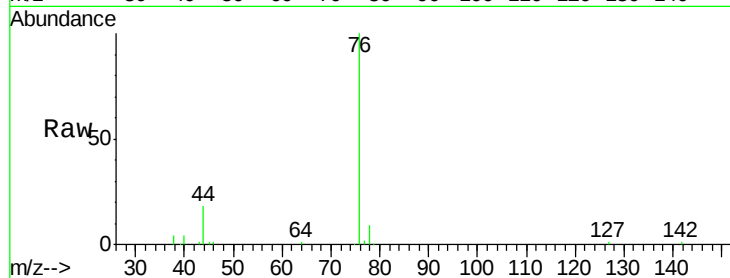
VD0619SBSD01

Tgt Ion: 76 Resp: 119297

Ion Ratio Lower Upper

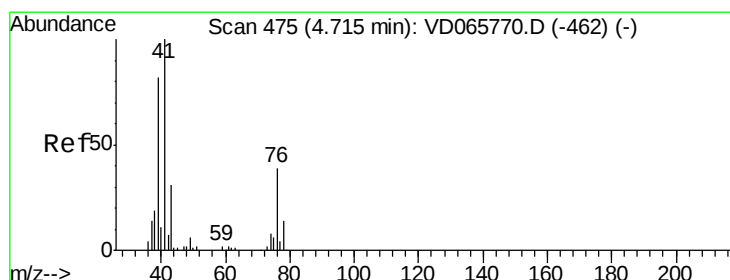
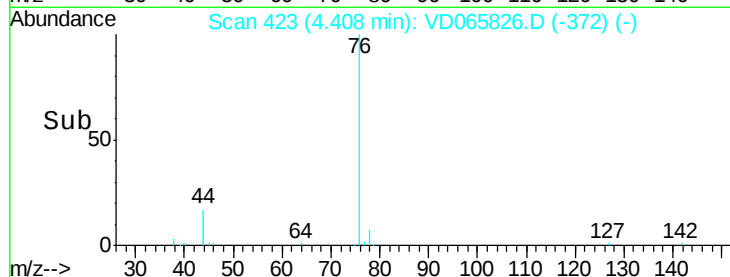
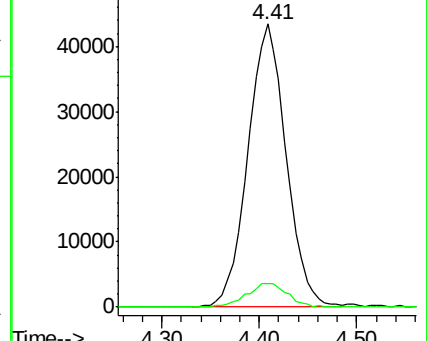
76 100

78 8.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 21.415 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD065826.D

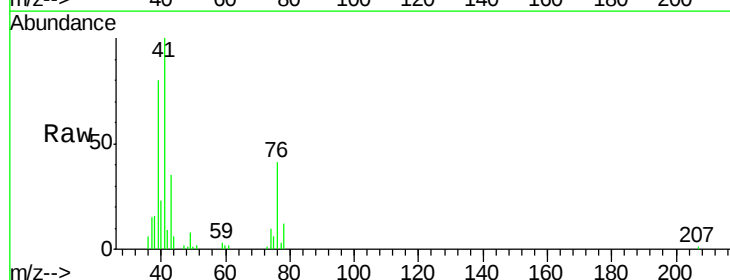
Acq: 19 Jun 2020 14:01

Tgt Ion: 43 Resp: 18355

Ion Ratio Lower Upper

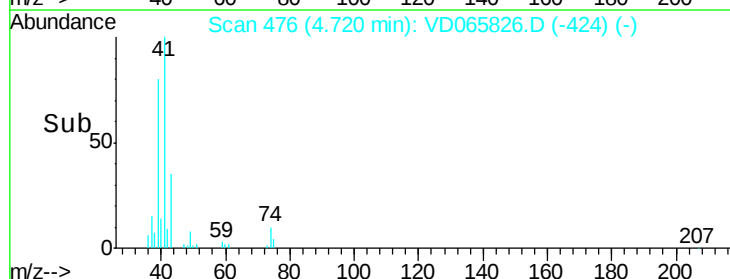
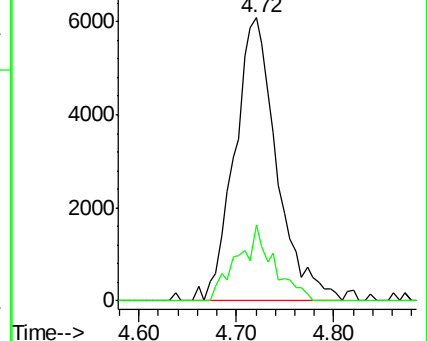
43 100

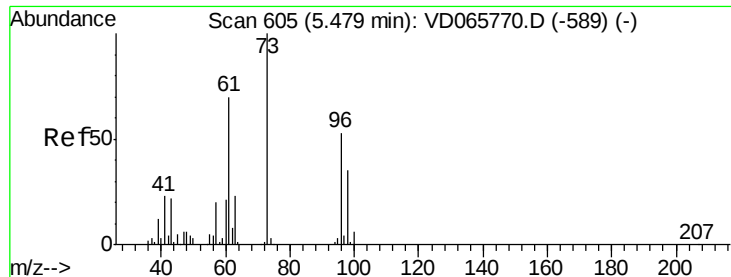
74 23.1 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





#19

Methyl tert-butyl Ether

Concen: 20.352 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

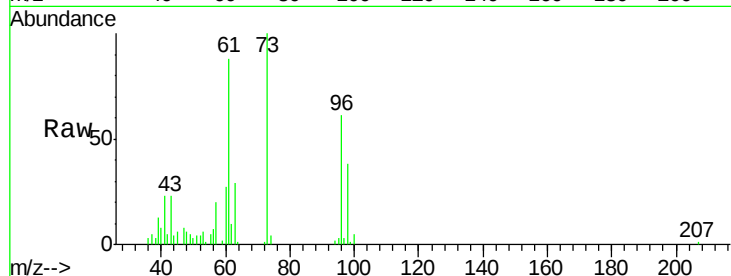
VD0619SBSD01

Tgt Ion: 73 Resp: 77828

Ion Ratio Lower Upper

73 100

57 19.8 16.2 24.2



Abundance Ion 73.00 (72.70 to 73.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.47

25000

20000

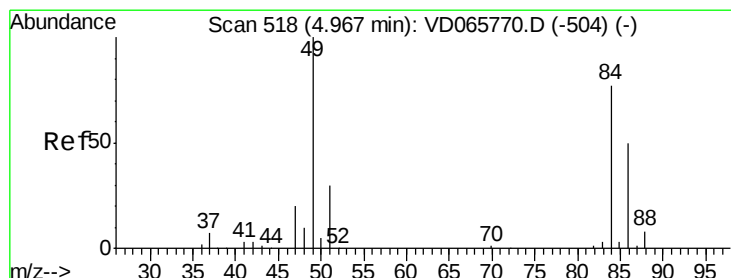
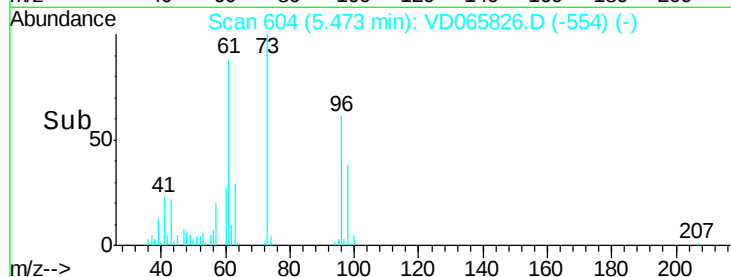
15000

10000

5000

0

Time--> 5.30 5.40 5.50 5.60



#20

Methylene Chloride

Concen: 24.667 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Tgt Ion: 84 Resp: 49526

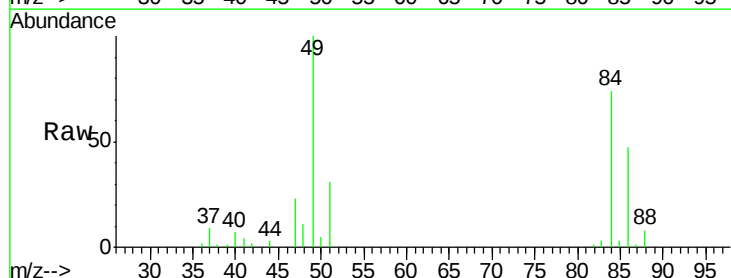
Ion Ratio Lower Upper

84 100

49 134.6 103.4 155.0

51 42.2 31.4 47.2

86 63.0 51.7 77.5



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

4.96

30000

25000

20000

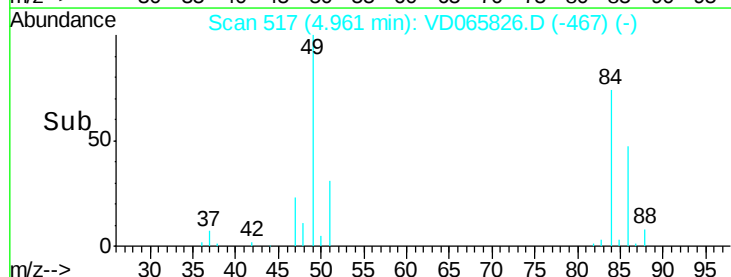
15000

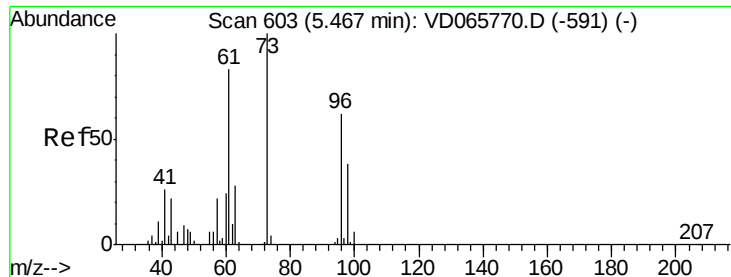
10000

5000

0

Time--> 4.90 5.00 5.10





#21

trans-1,2-Dichloroethene

Concen: 21.531 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01

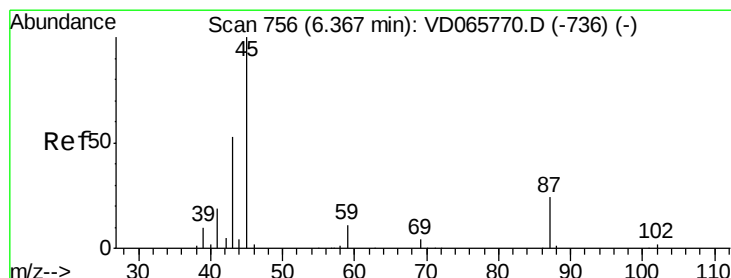
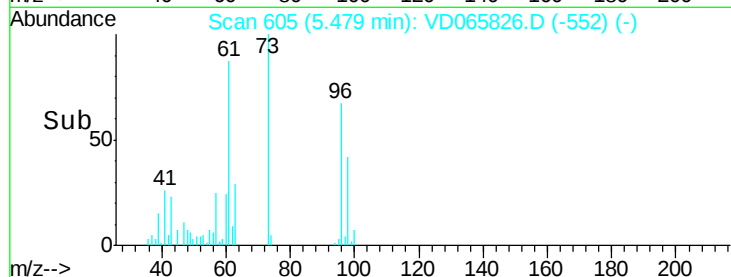
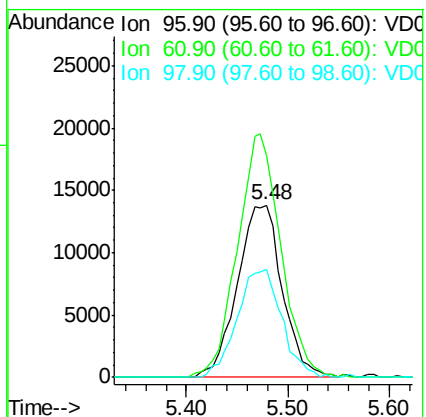
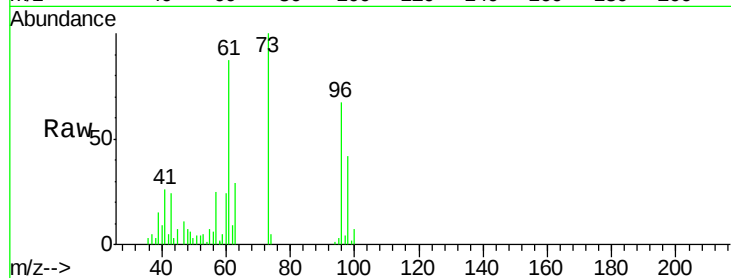
Tgt Ion: 96 Resp: 42571

Ion Ratio Lower Upper

96 100

61 129.1 107.7 161.5

98 62.9 49.3 73.9



#22

Diisopropyl ether

Concen: 21.771 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Tgt Ion: 45 Resp: 122750

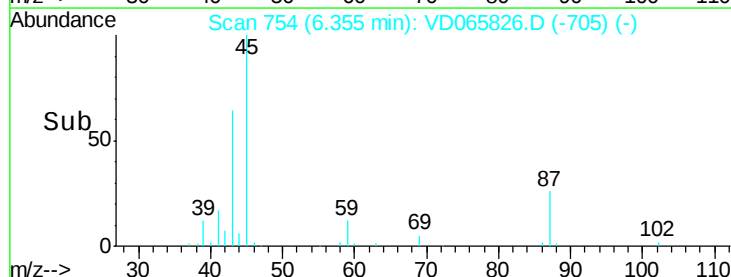
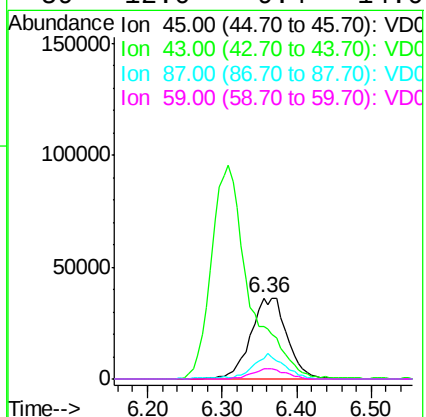
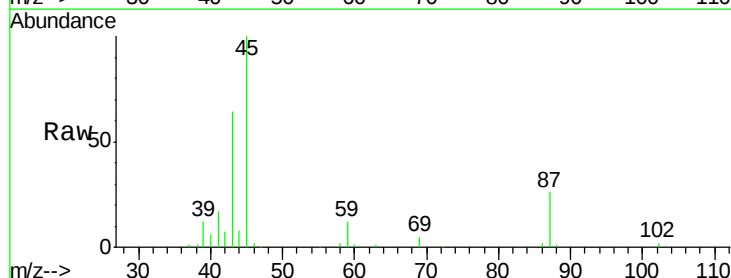
Ion Ratio Lower Upper

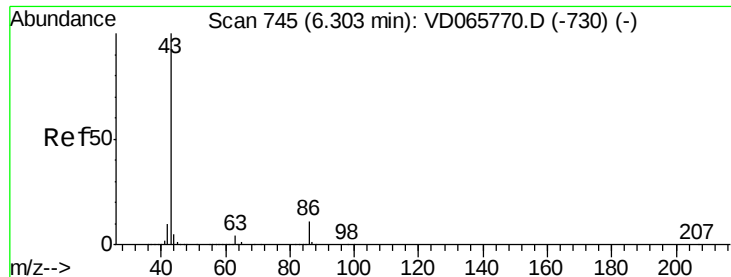
45 100

43 62.2 43.4 65.0

87 25.9 20.2 30.4

59 12.0 9.4 14.0





#23

Vinyl Acetate

Concen: 105.623 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

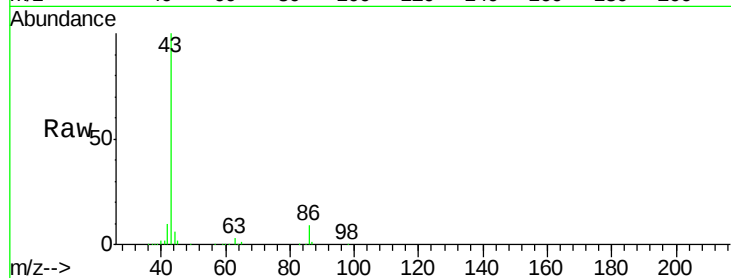
VD0619SBSD01

Tgt Ion: 43 Resp: 336284

Ion Ratio Lower Upper

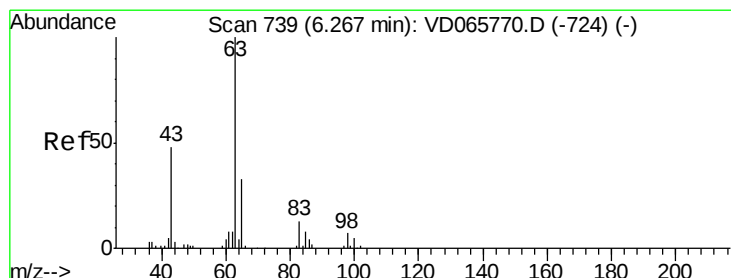
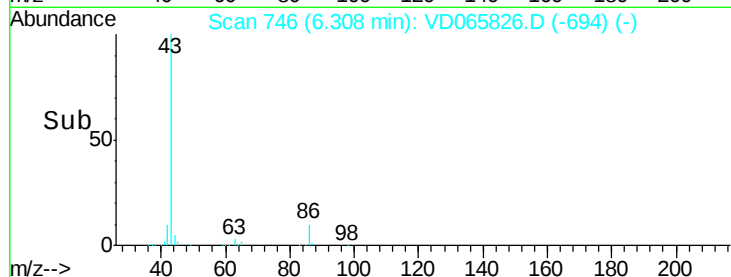
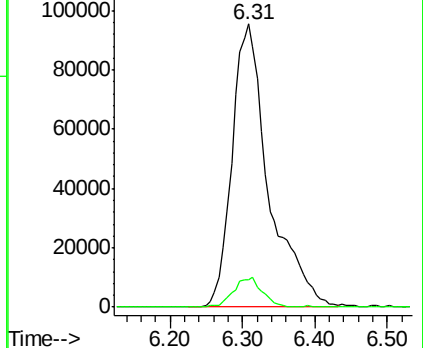
43 100

86 9.5 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 21.421 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

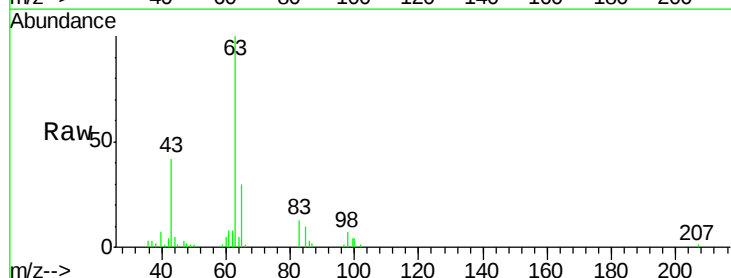
Tgt Ion: 63 Resp: 73590

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

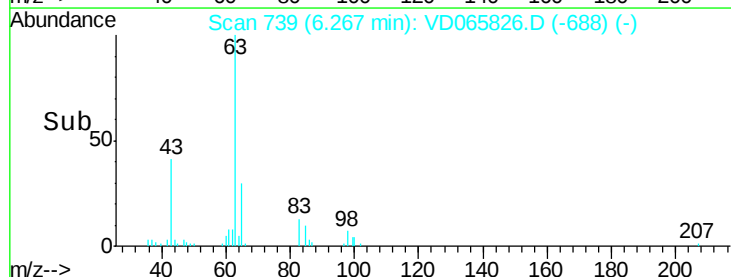
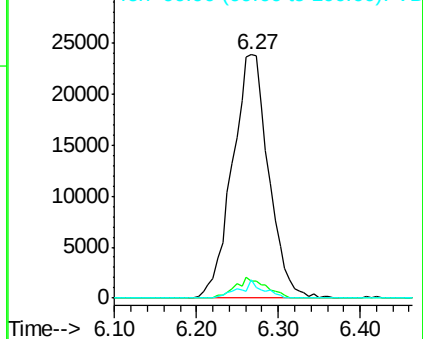
100 7.3 2.3 6.9#

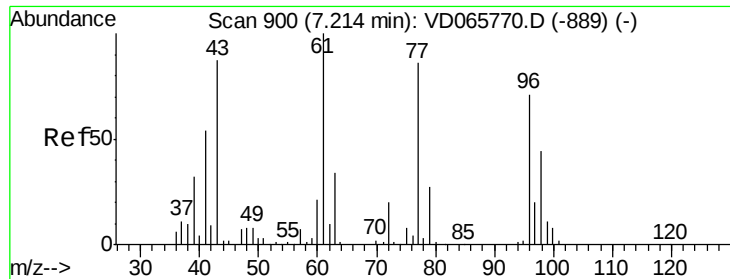


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

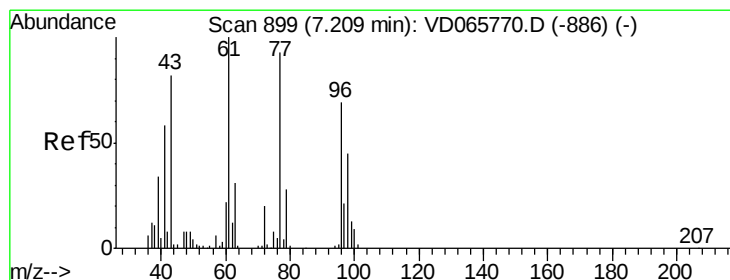
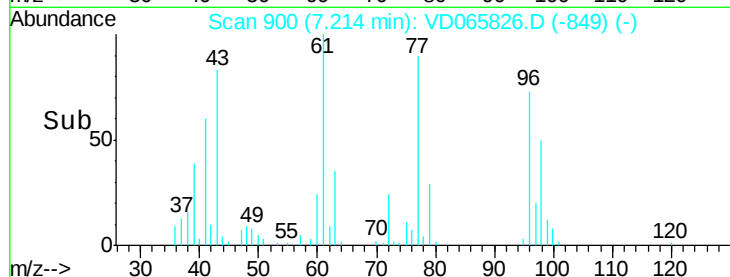
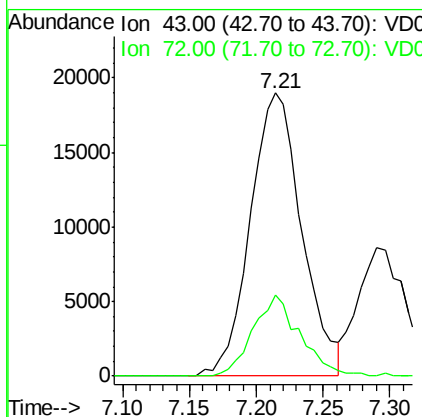
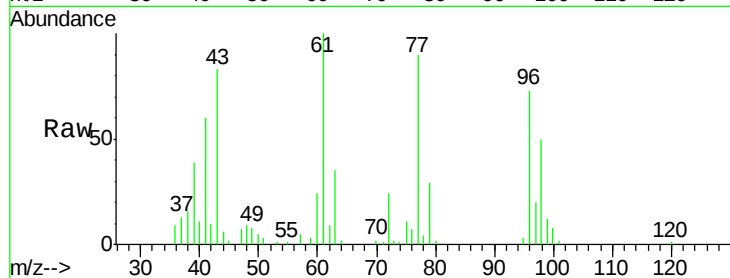




#25
2-Butanone
Concen: 106.146 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

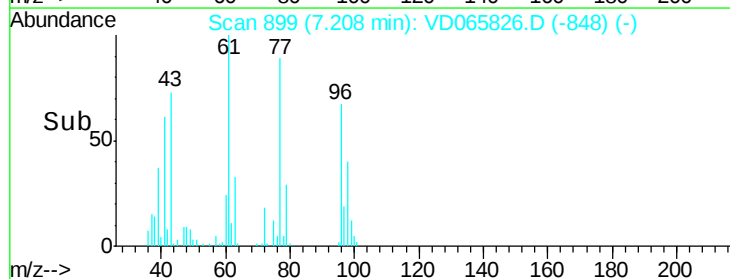
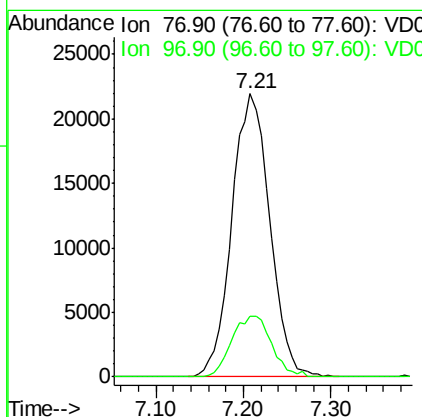
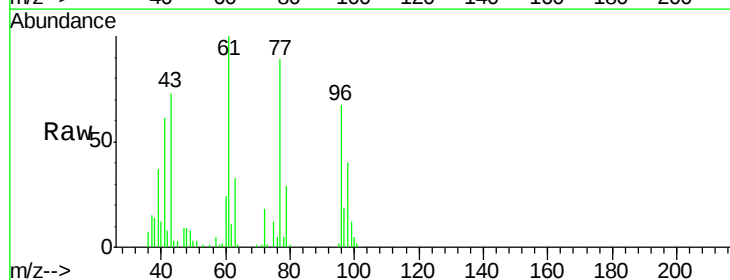
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

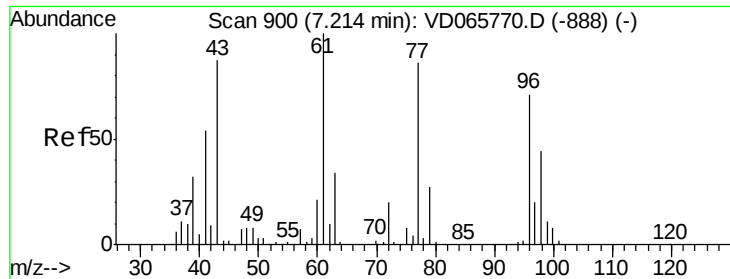
Tgt Ion: 43 Resp: 50781
Ion Ratio Lower Upper
43 100
72 28.7 18.5 27.7#



#26
2,2-Dichloropropane
Concen: 21.193 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 77 Resp: 64556
Ion Ratio Lower Upper
77 100
97 22.6 10.9 32.7



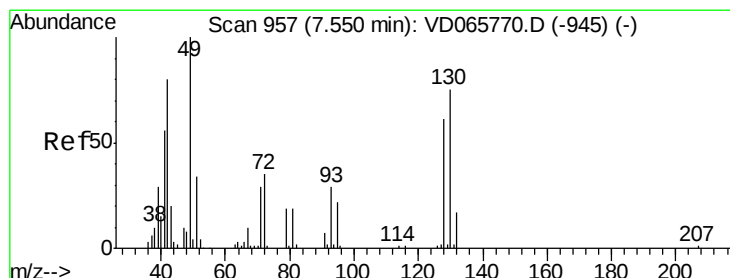
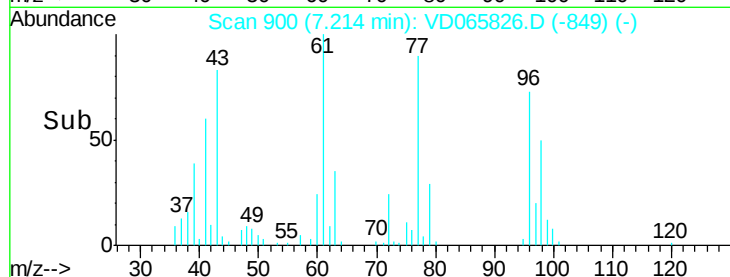
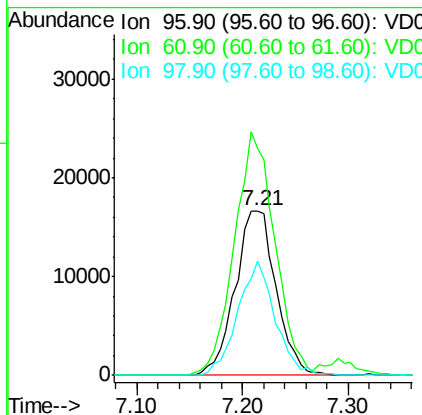
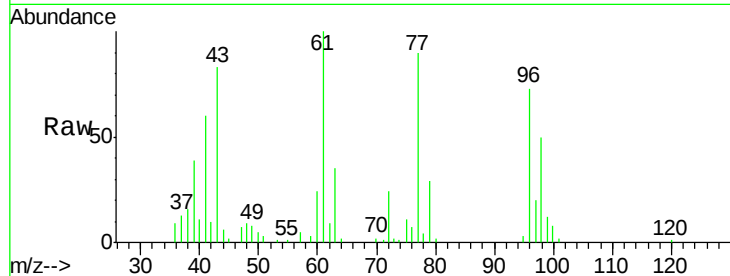


#27

cis-1,2-Dichloroethene
Concen: 21.077 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

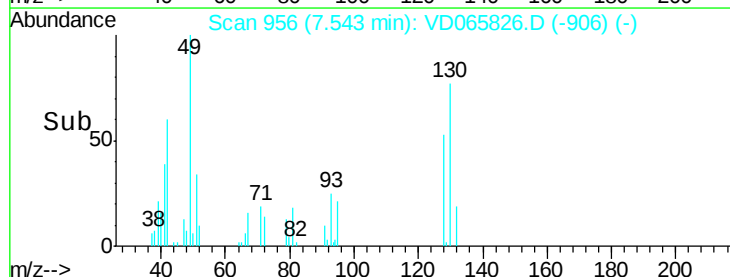
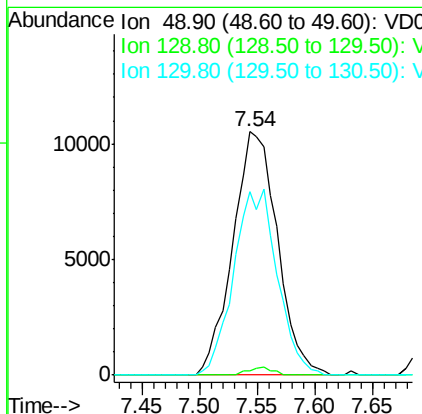
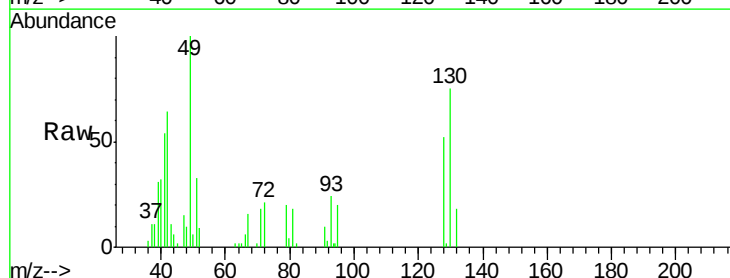
Tgt Ion: 96 Resp: 44828
Ion Ratio Lower Upper
96 100
61 146.3 0.0 291.2
98 63.2 0.0 128.8

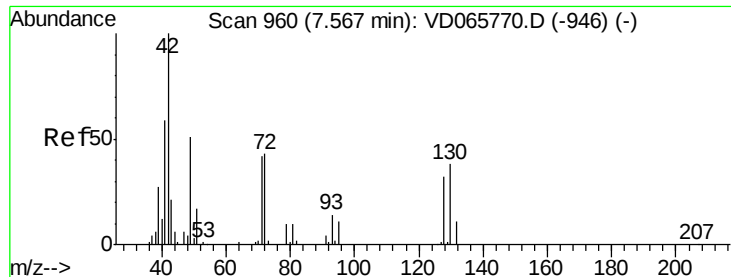


#28

Bromochloromethane
Concen: 21.326 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 49 Resp: 28296
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.6
130 74.3 59.5 89.3

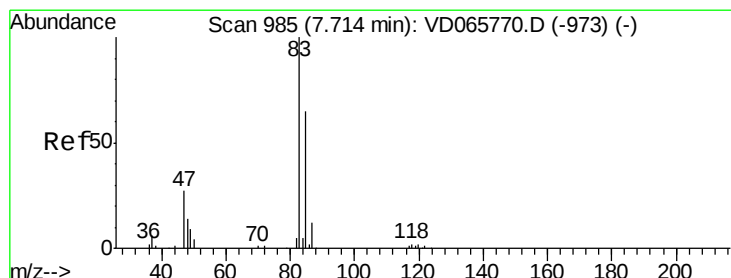
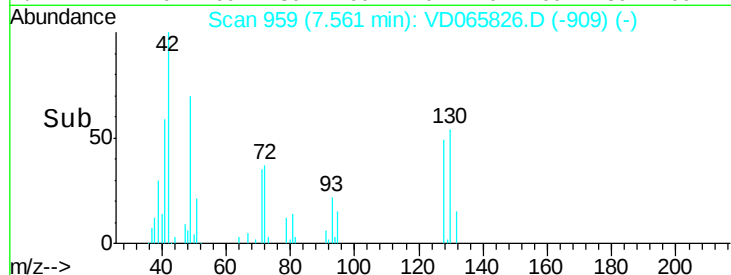
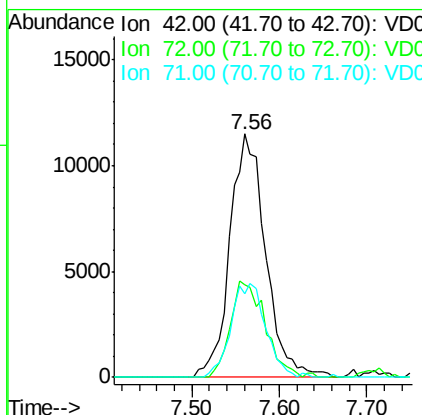
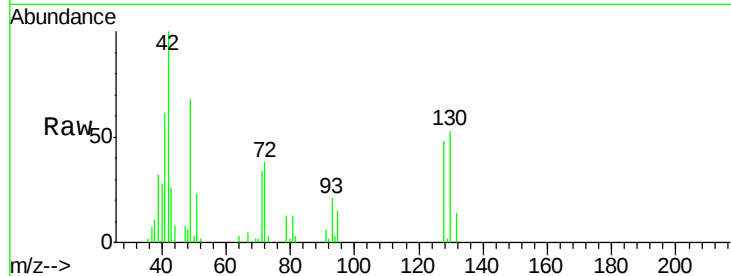




#29
Tetrahydrofuran
Concen: 105.462 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

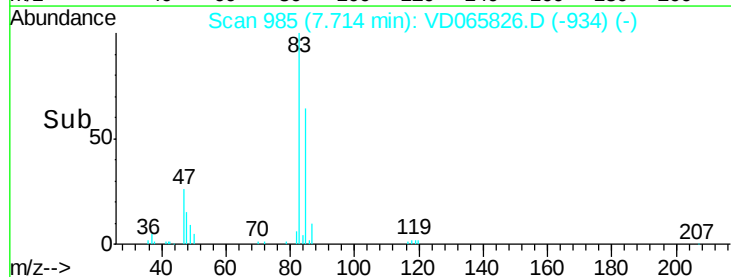
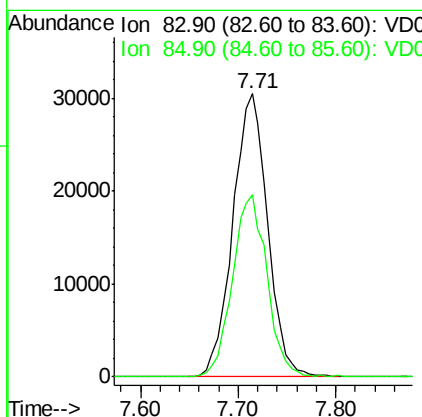
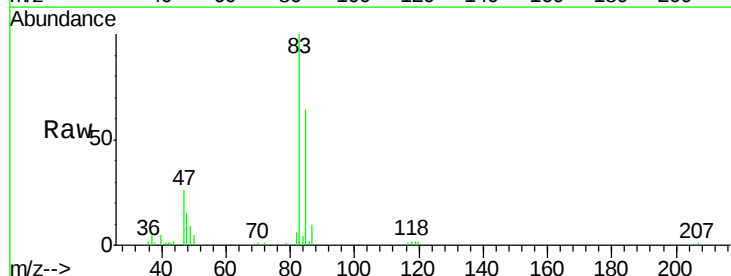
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

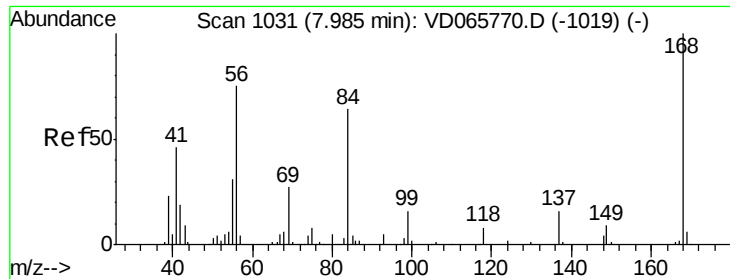
Tgt Ion: 42 Resp: 31888
Ion Ratio Lower Upper
42 100
72 38.4 34.9 52.3
71 37.3 31.2 46.8



#30
Chloroform
Concen: 21.247 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 83 Resp: 75657
Ion Ratio Lower Upper
83 100
85 64.3 51.9 77.9

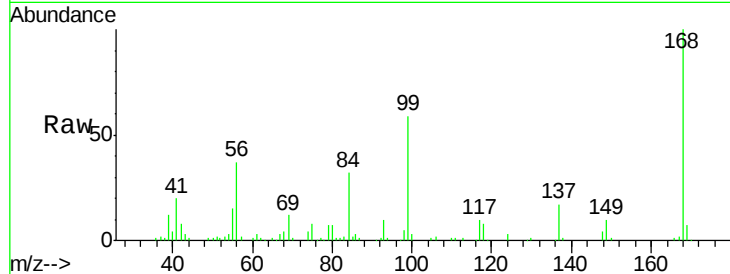




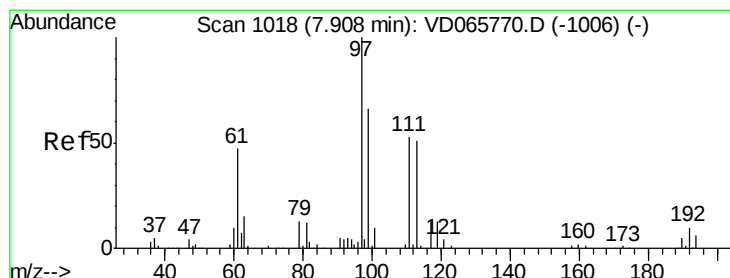
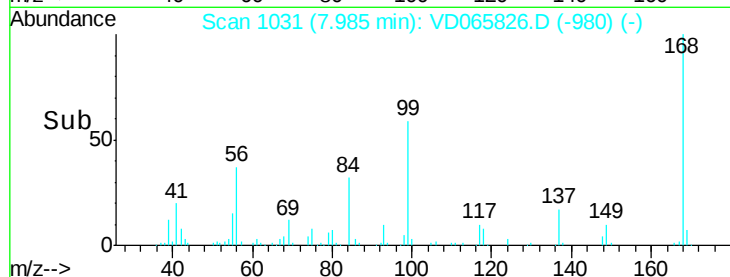
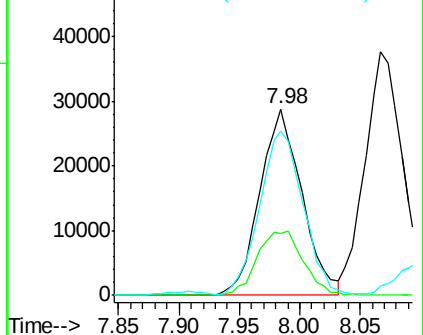
#31
Cyclohexane
Concen: 21.199 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

Tgt Ion: 56 Resp: 69816
Ion Ratio Lower Upper
56 100
69 33.5 28.5 42.7
84 86.4 68.4 102.6

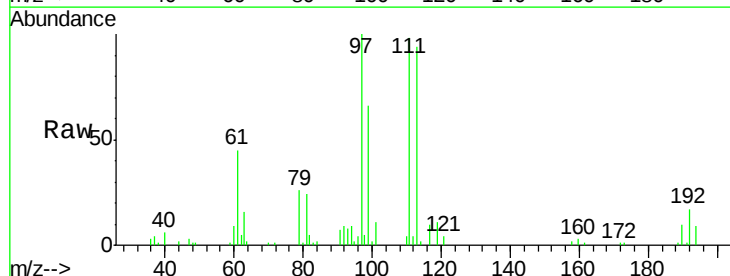


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

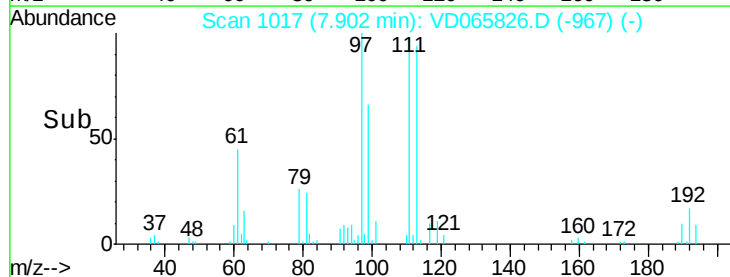
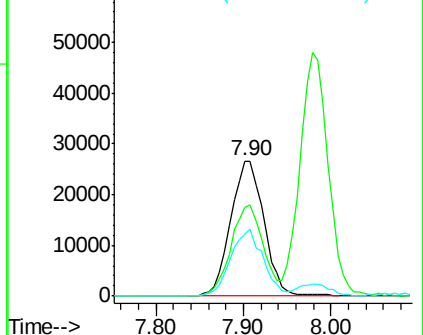


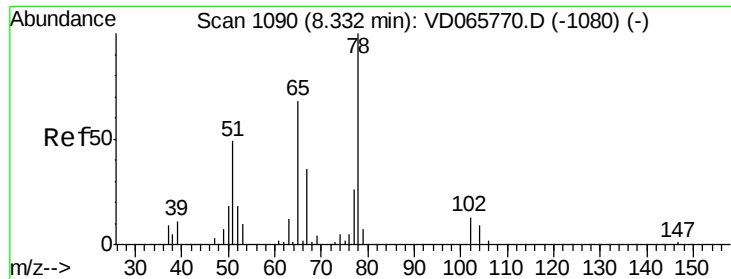
#32
1,1,1-Trichloroethane
Concen: 20.996 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 97 Resp: 68744
Ion Ratio Lower Upper
97 100
99 64.4 49.2 73.8
61 47.9 36.0 54.0



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

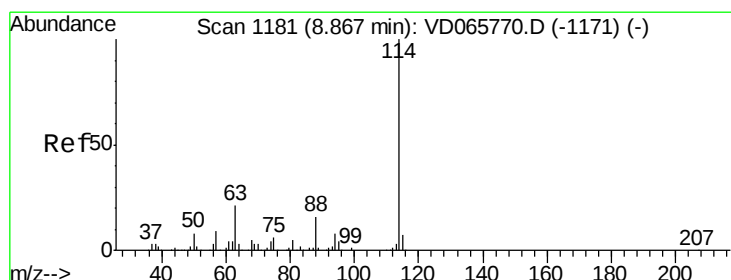
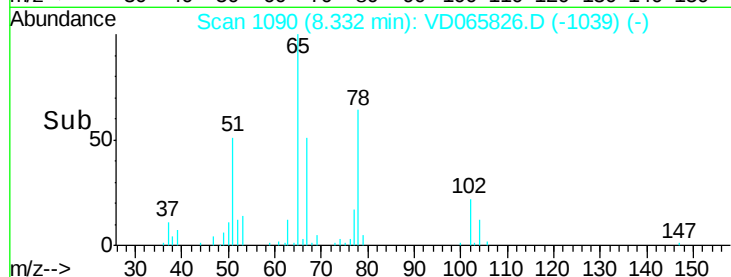
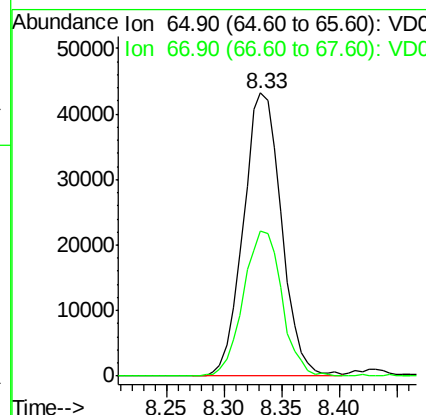
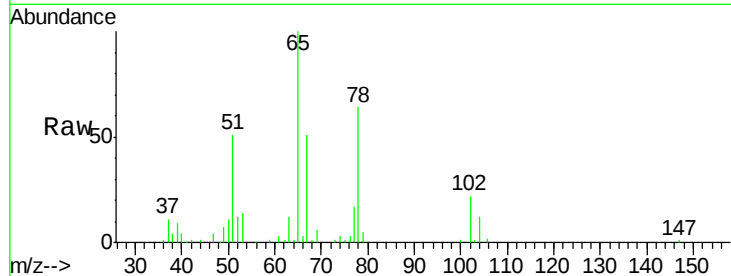




#33
 1,2-Dichloroethane-d4
 Concen: 54.142 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065826.D
 Acq: 19 Jun 2020 14:01

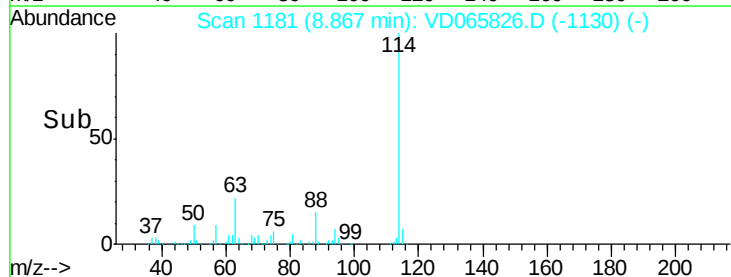
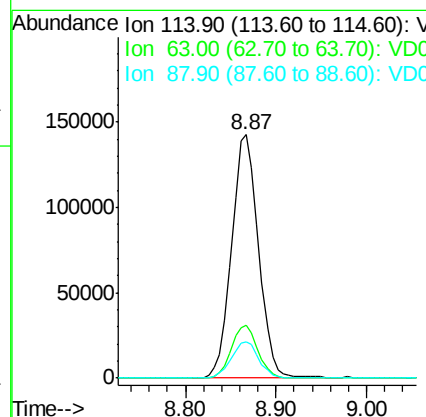
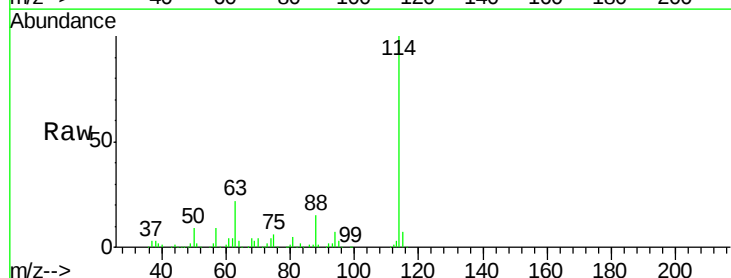
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

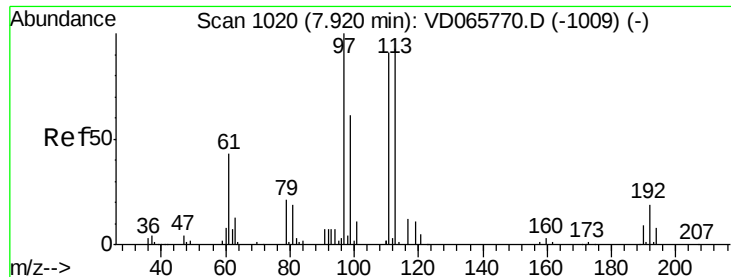
Tgt Ion: 65 Resp: 99428
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065826.D
 Acq: 19 Jun 2020 14:01

Tgt Ion: 114 Resp: 294165
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.8
 88 14.8 0.0 32.0

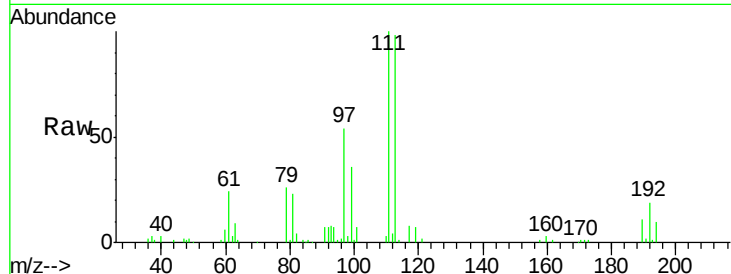




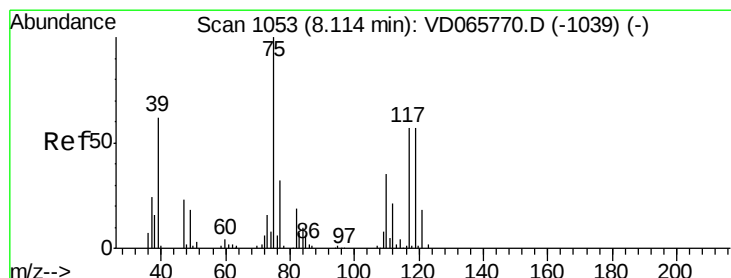
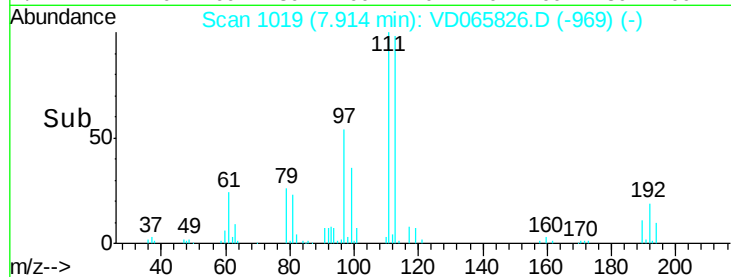
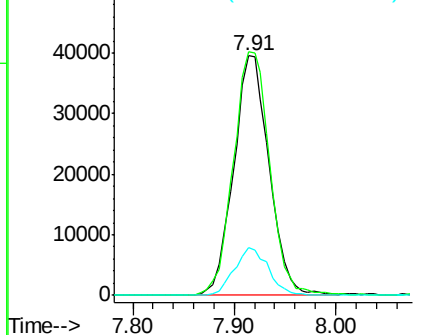
#35
 Dibromofluoromethane
 Concen: 51.758 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065826.D
 Acq: 19 Jun 2020 14:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

Tgt Ion: 113 Resp: 96172
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.4 125.0
 192 18.9 15.7 23.5

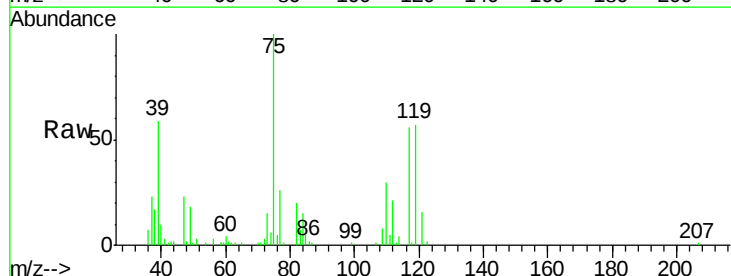


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

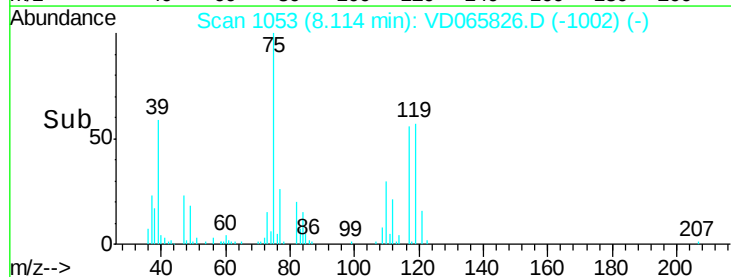
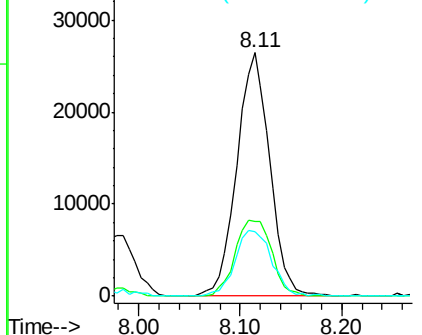


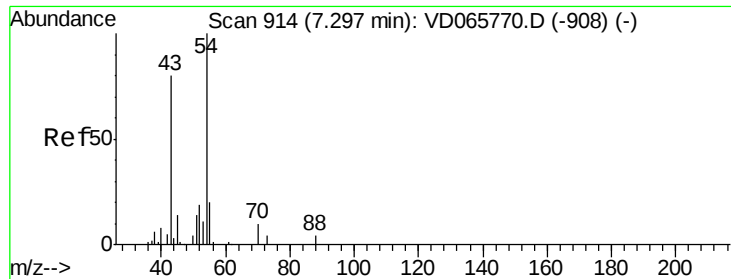
#36
 1,1-Dichloropropene
 Concen: 21.174 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065826.D
 Acq: 19 Jun 2020 14:01

Tgt Ion: 75 Resp: 59666
 Ion Ratio Lower Upper
 75 100
 110 34.7 17.6 52.8
 77 29.8 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

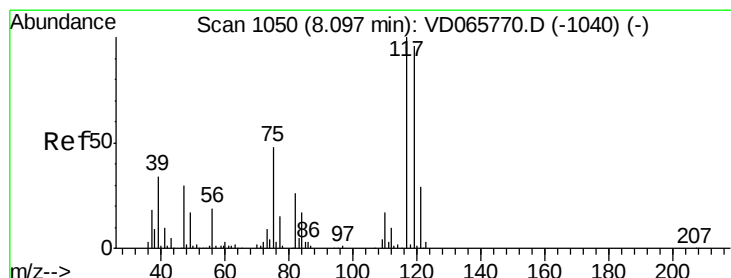
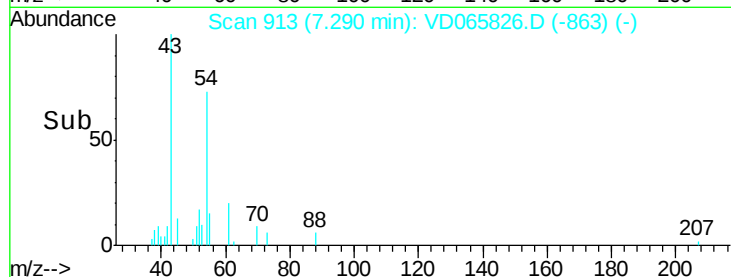
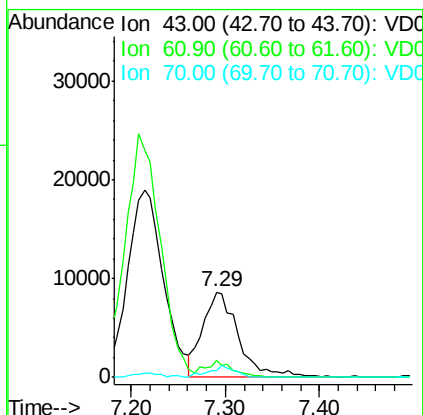
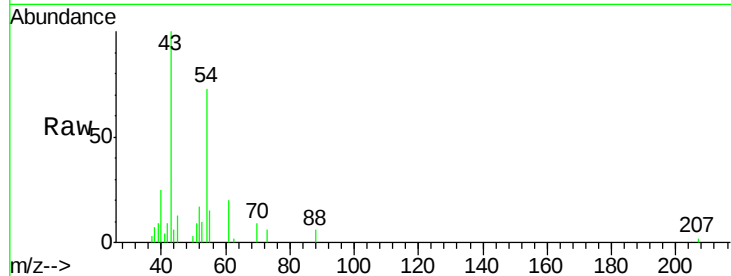




#37
Ethyl Acetate
Concen: 20.789 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

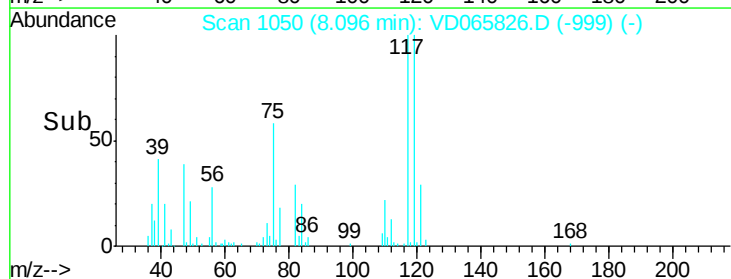
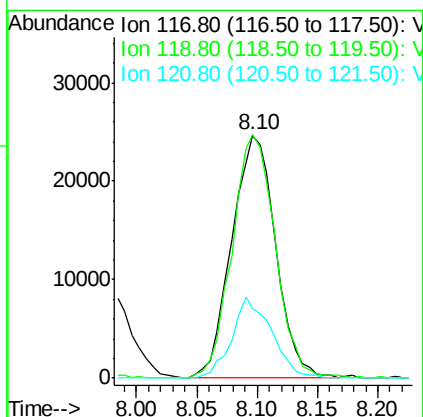
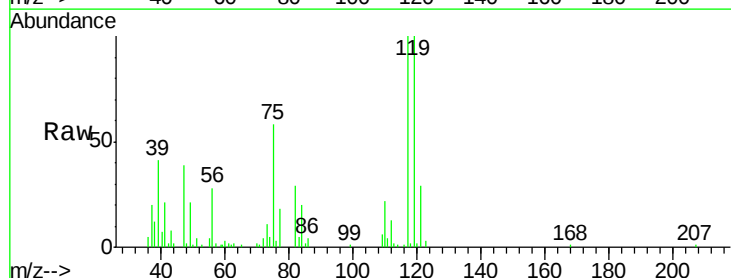
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

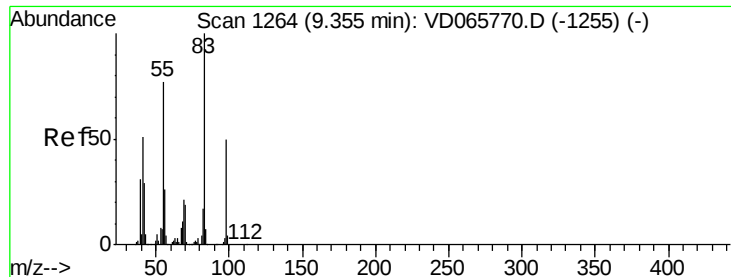
Tgt Ion: 43 Resp: 23074
Ion Ratio Lower Upper
43 100
61 14.7 10.6 15.8
70 9.5 7.5 11.3



#38
Carbon Tetrachloride
Concen: 21.075 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 117 Resp: 62500
Ion Ratio Lower Upper
117 100
119 100.5 76.8 115.2
121 28.7 23.4 35.2

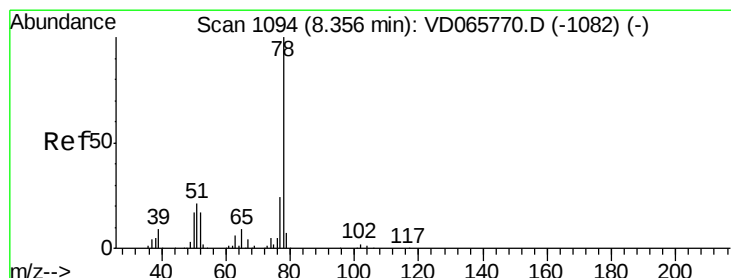
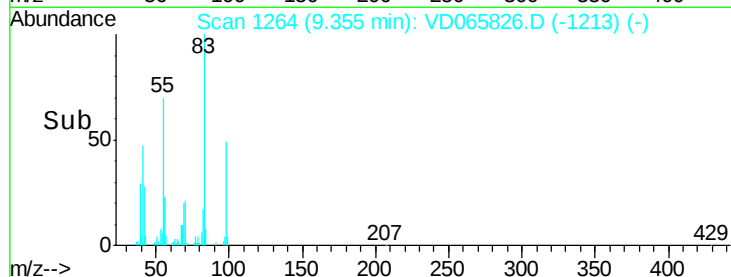
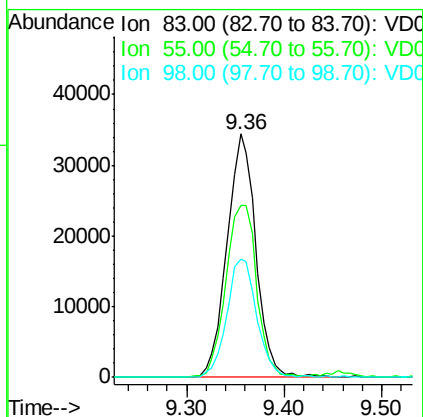
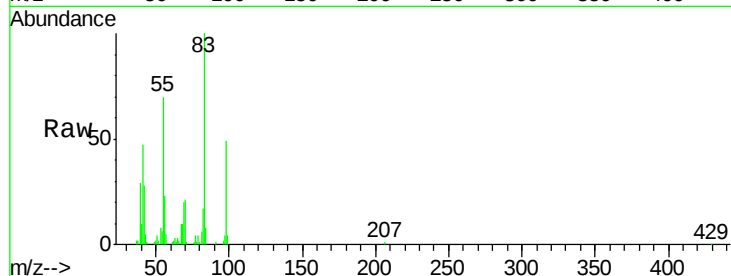




#39
Methylcyclohexane
Concen: 21.191 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

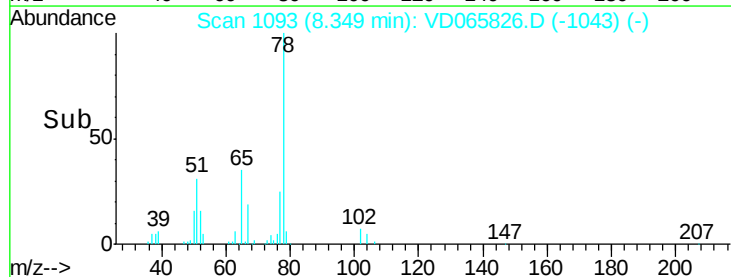
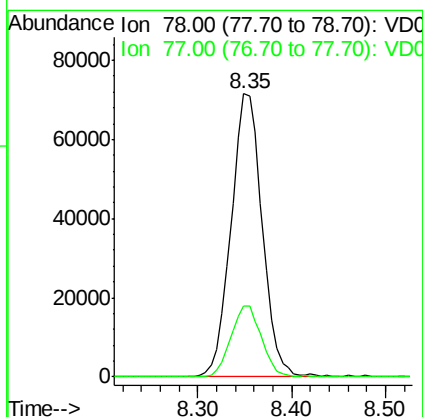
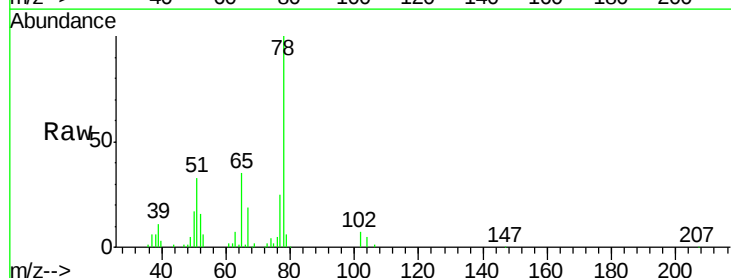
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

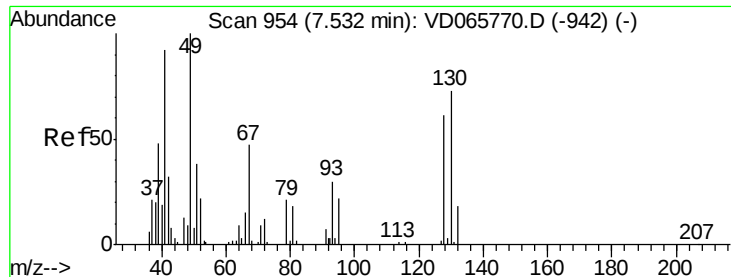
Tgt Ion: 83 Resp: 70700
Ion Ratio Lower Upper
83 100
55 70.5 61.6 92.4
98 48.7 40.2 60.2



#40
Benzene
Concen: 21.370 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 78 Resp: 164622
Ion Ratio Lower Upper
78 100
77 25.2 19.2 28.8

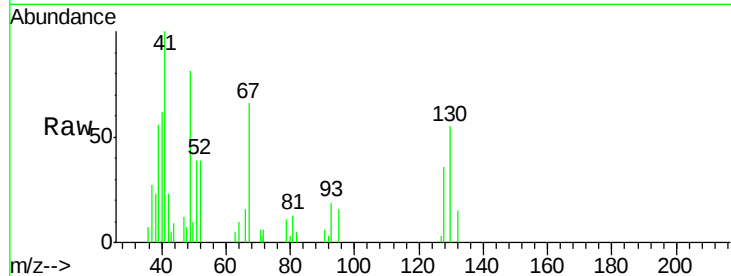




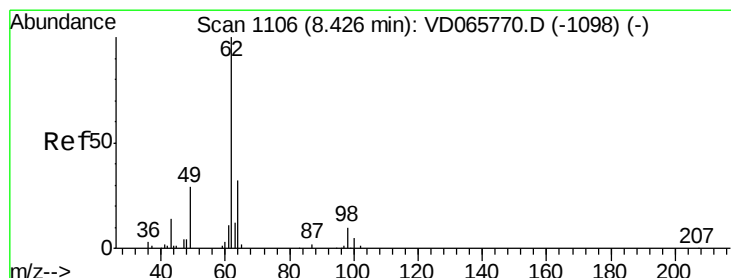
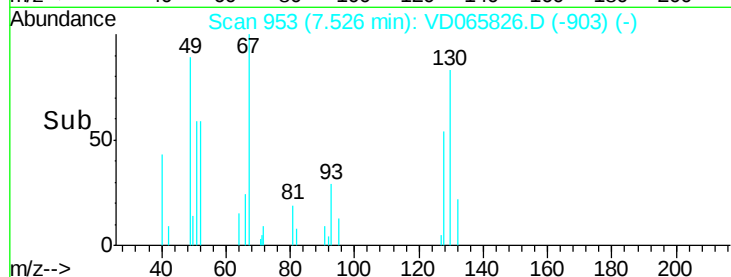
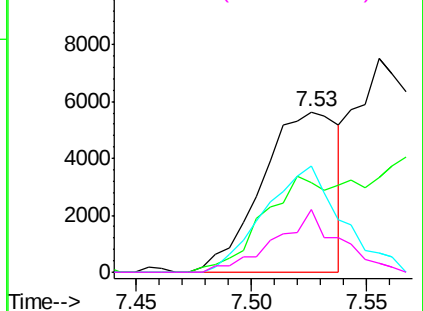
#41
Methacrylonitrile
Concen: 19.620 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

Tgt Ion:	41	Resp:	12967
Ion	Ratio	Lower	Upper
41	100		
39	48.1	38.3	57.5
67	67.8	49.8	74.6
52	32.5	21.7	32.5

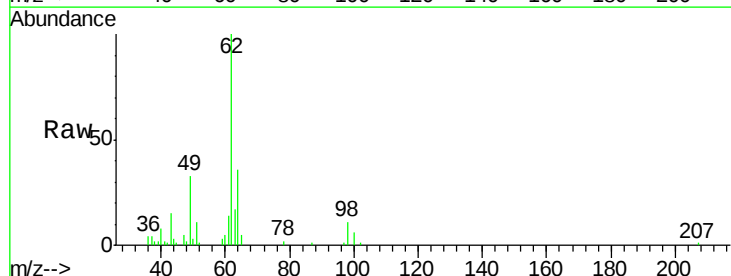


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

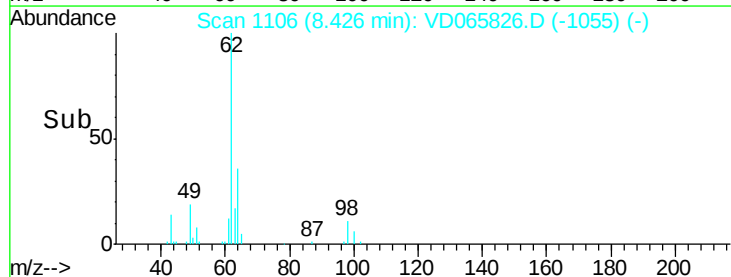
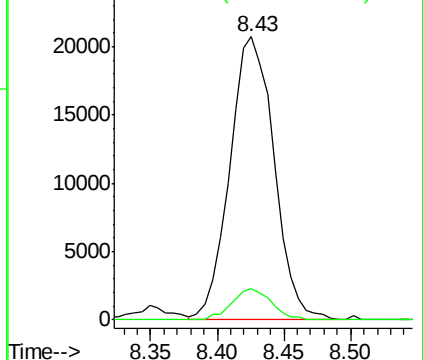


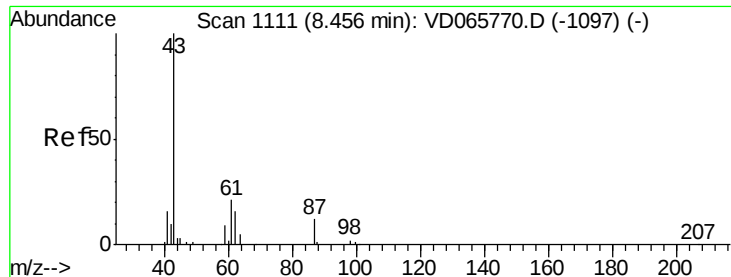
#42
1,2-Dichloroethane
Concen: 20.537 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

Tgt Ion:	62	Resp:	47735
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.6



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





#43

Isopropyl Acetate

Concen: 19.732 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01

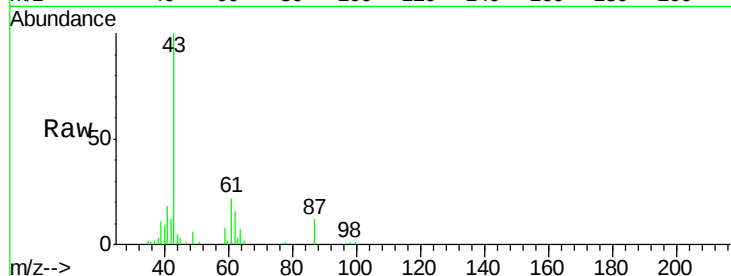
Tgt Ion: 43 Resp: 43551

Ion Ratio Lower Upper

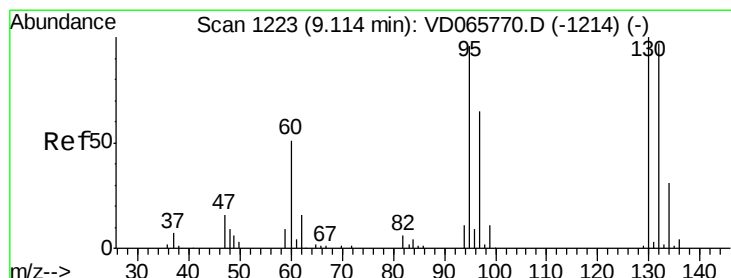
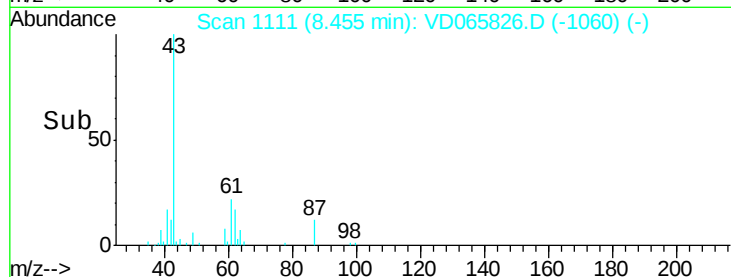
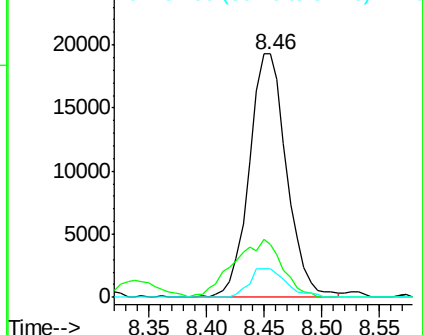
43 100

61 31.1 24.2 36.4

87 11.6 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.601 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VD065826.D

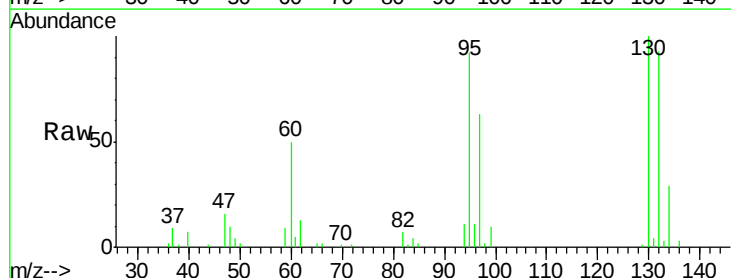
Acq: 19 Jun 2020 14:01

Tgt Ion: 130 Resp: 44164

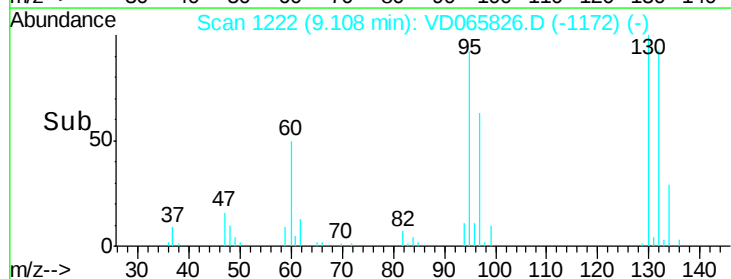
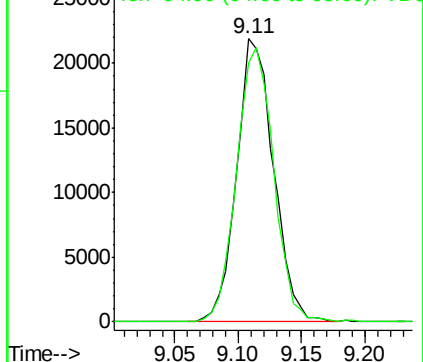
Ion Ratio Lower Upper

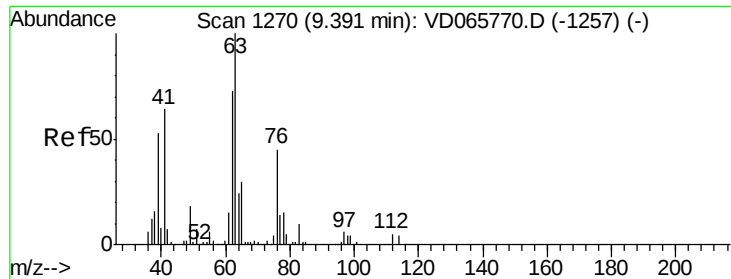
130 100

95 91.7 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC

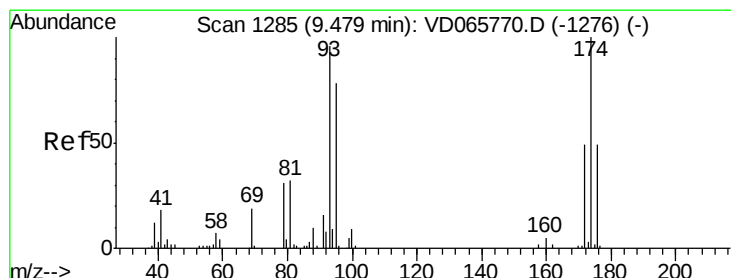
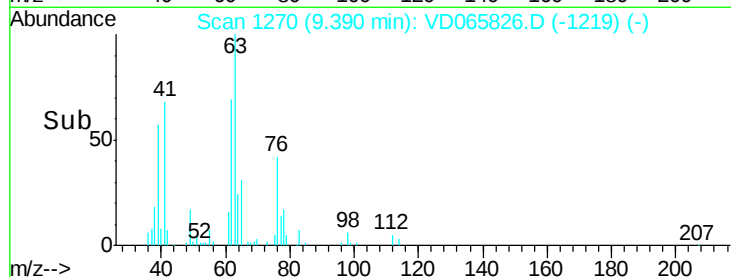
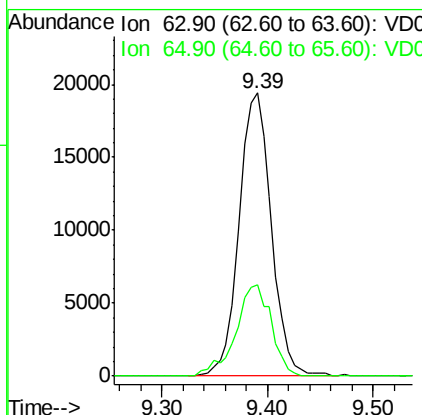
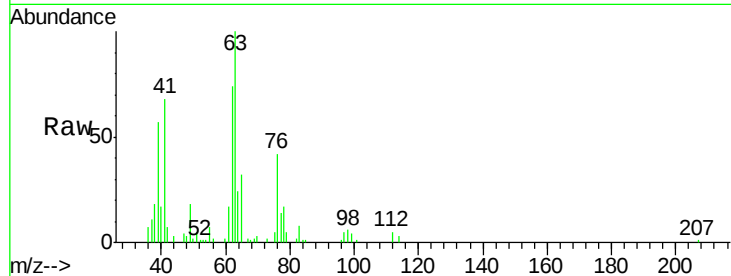




#45
 1,2-Dichloropropane
 Concen: 21.231 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065826.D
 Acq: 19 Jun 2020 14:01

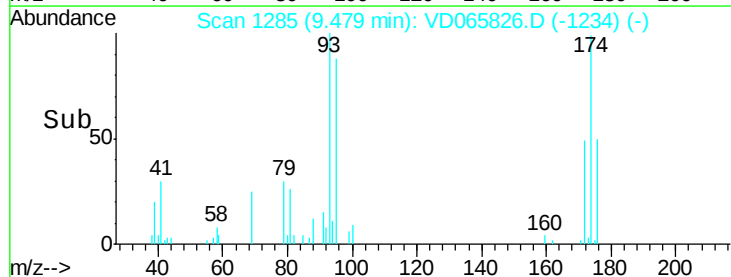
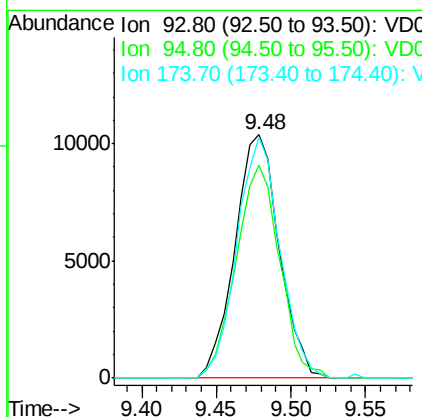
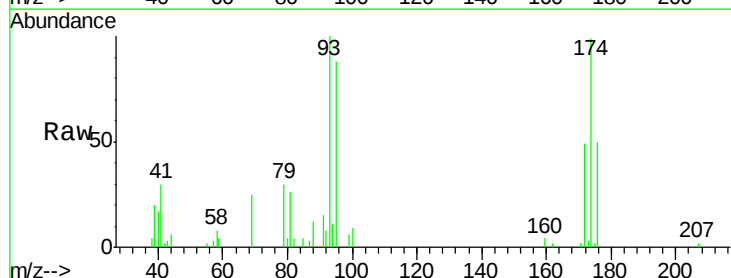
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

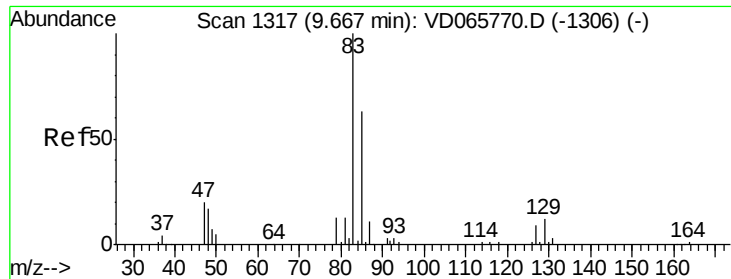
Tgt Ion: 63 Resp: 41095
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.2 36.2



#46
 Dibromomethane
 Concen: 20.417 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065826.D
 Acq: 19 Jun 2020 14:01

Tgt Ion: 93 Resp: 21434
 Ion Ratio Lower Upper
 93 100
 95 85.8 65.8 98.6
 174 95.6 80.9 121.3

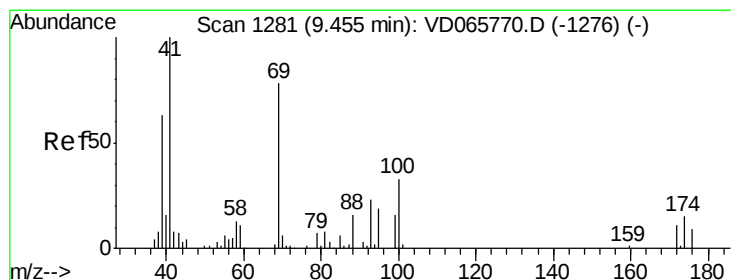
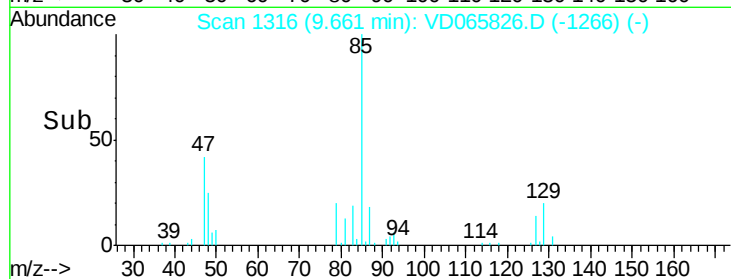
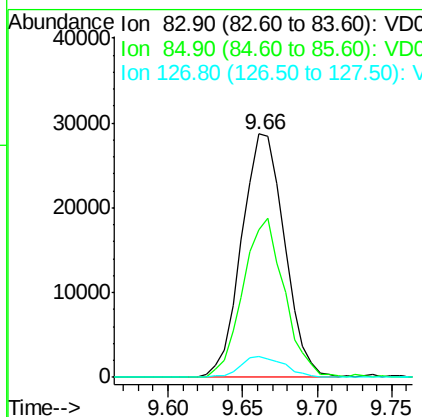
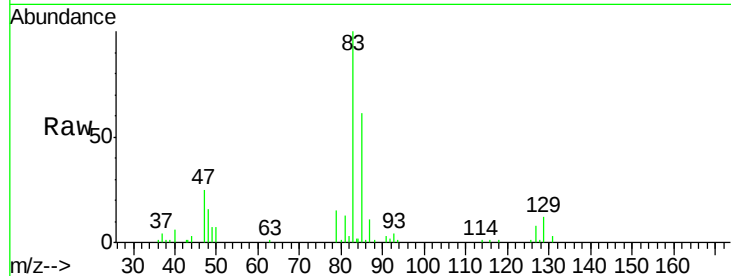




#47
Bromodichloromethane
Concen: 20.332 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

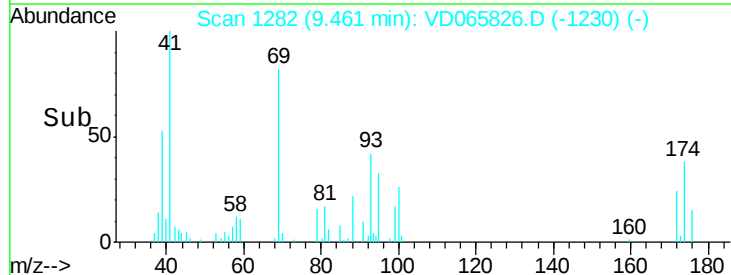
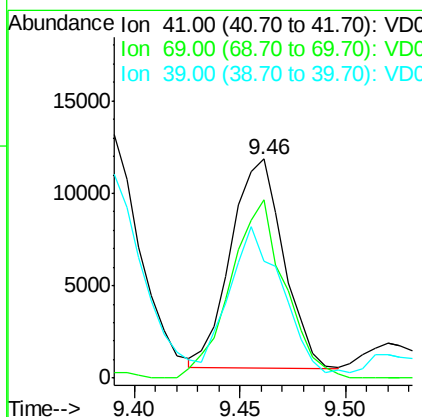
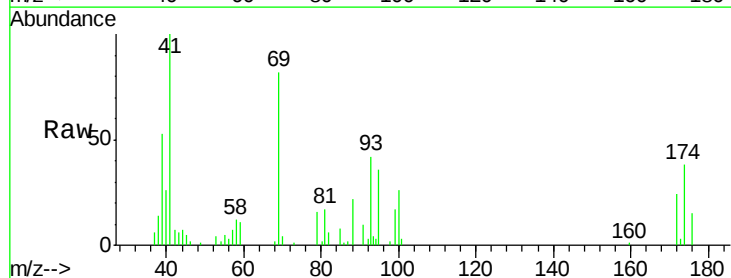
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

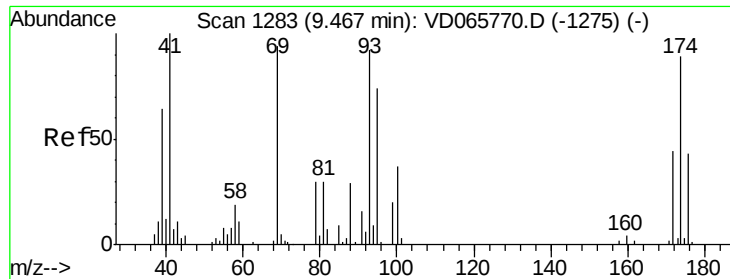
Tgt Ion: 83 Resp: 57196
Ion Ratio Lower Upper
83 100
85 60.7 50.7 76.1
127 8.4 7.1 10.7



#48
Methyl methacrylate
Concen: 18.318 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 41 Resp: 19570
Ion Ratio Lower Upper
41 100
69 87.9 60.9 91.3
39 68.1 48.1 72.1

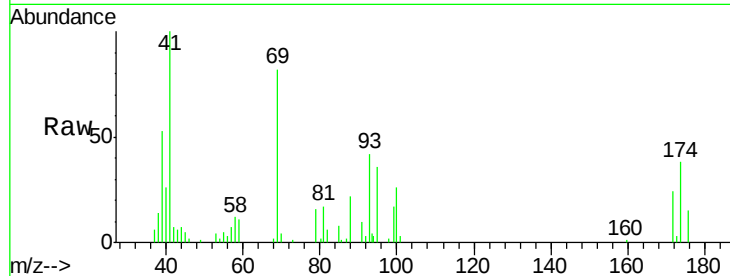




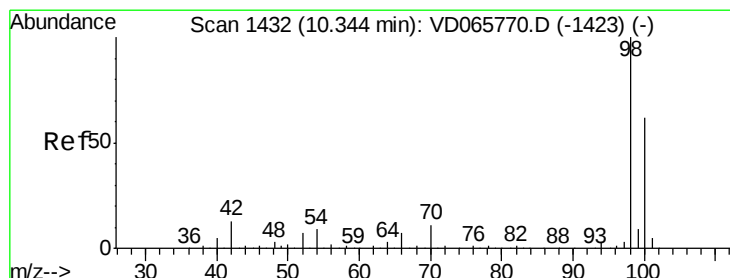
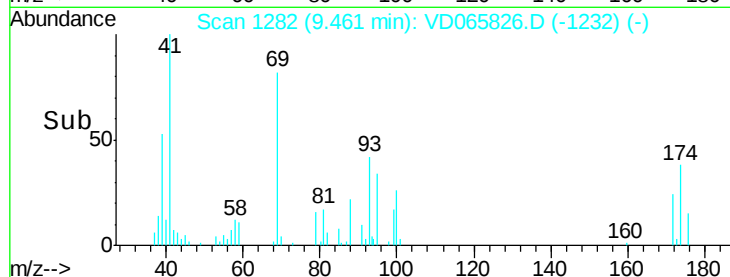
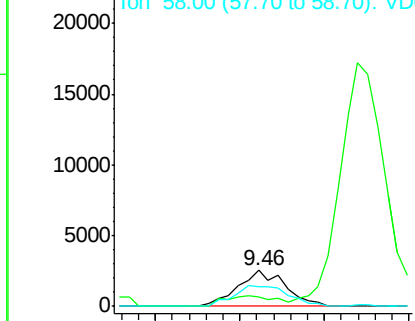
#49
1,4-Dioxane
Concen: 443.893 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

Tgt Ion: 88 Resp: 4960
Ion Ratio Lower Upper
88 100
43 32.9 32.2 48.4
58 65.8 54.9 82.3

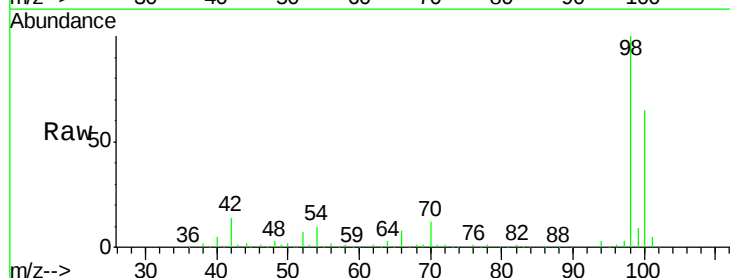


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

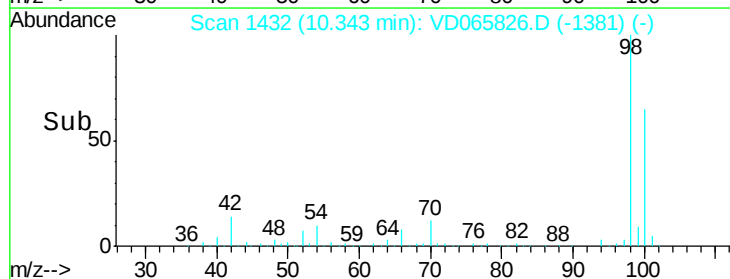
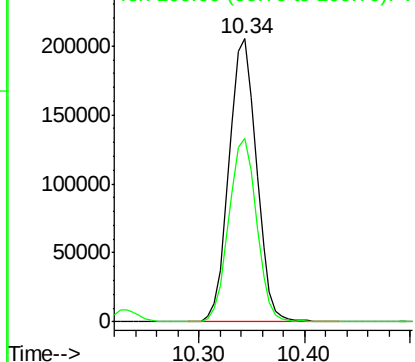


#50
Toluene-d8
Concen: 53.522 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 98 Resp: 370841
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

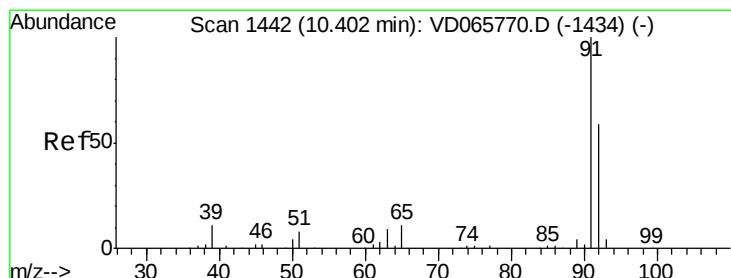
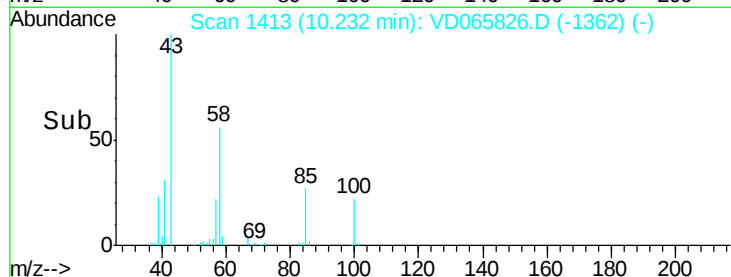
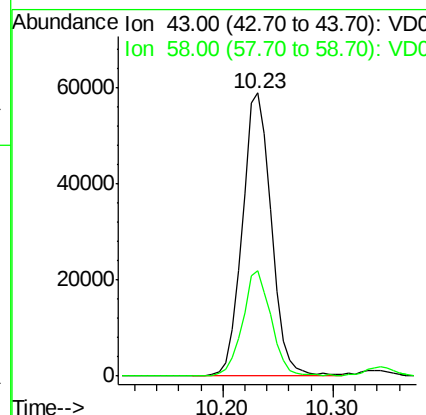
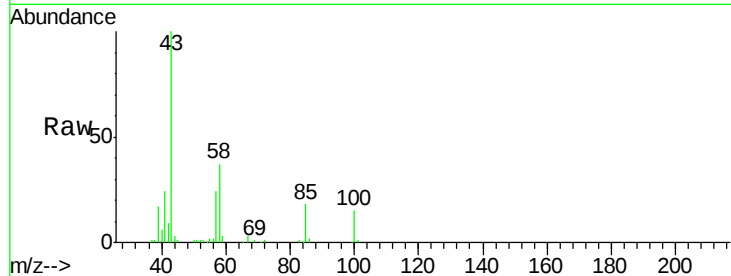




#51
4-Methyl-2-Pentanone
Concen: 100.460 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

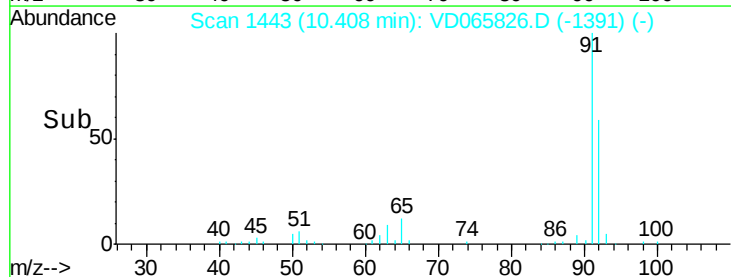
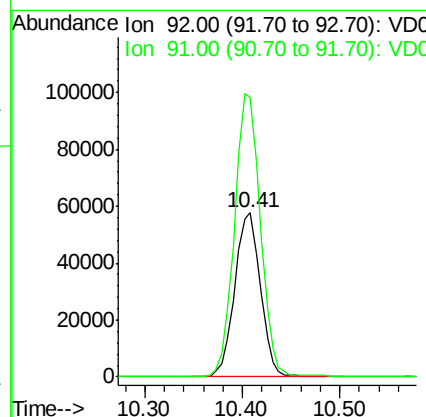
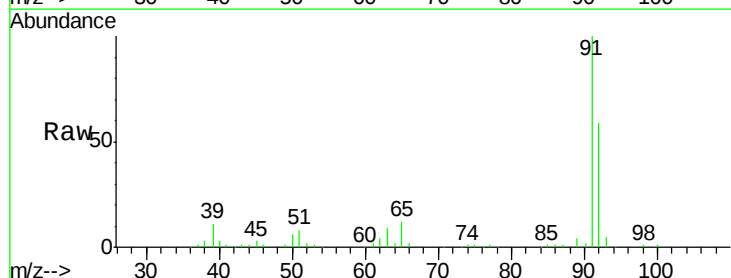
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

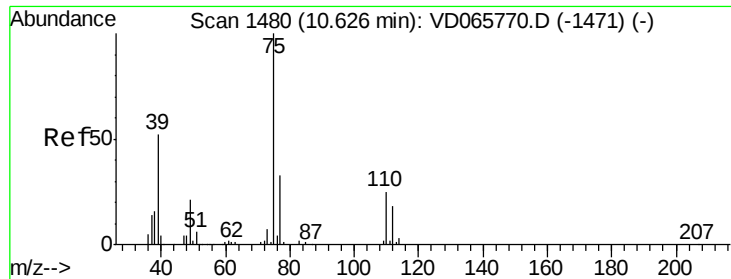
Tgt Ion: 43 Resp: 108649
Ion Ratio Lower Upper
43 100
58 36.5 30.7 46.1



#52
Toluene
Concen: 21.194 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.01 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 92 Resp: 106086
Ion Ratio Lower Upper
92 100
91 172.9 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 20.714 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

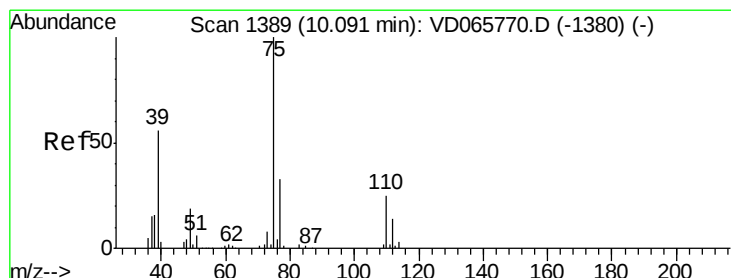
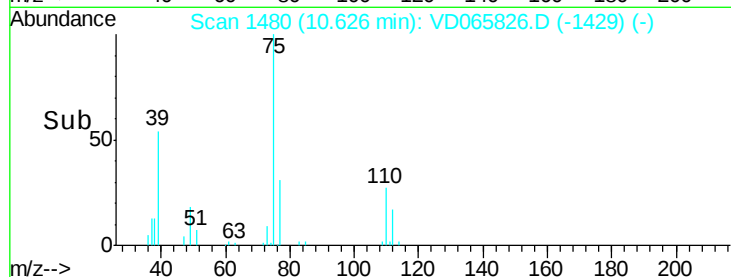
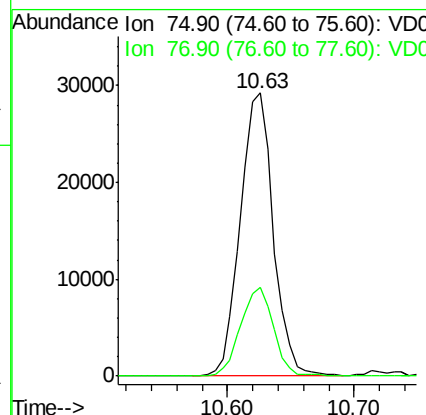
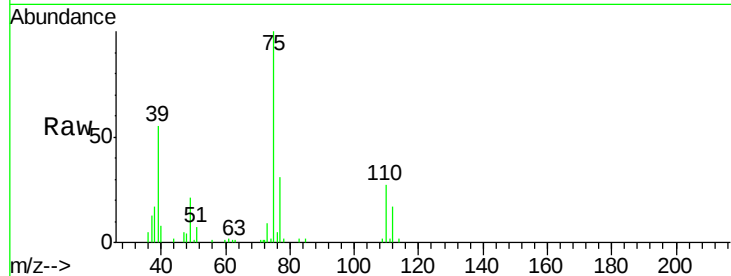
VD0619SBS01

Tgt Ion: 75 Resp: 52768

Ion Ratio Lower Upper

75 100

77 31.4 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 21.048 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

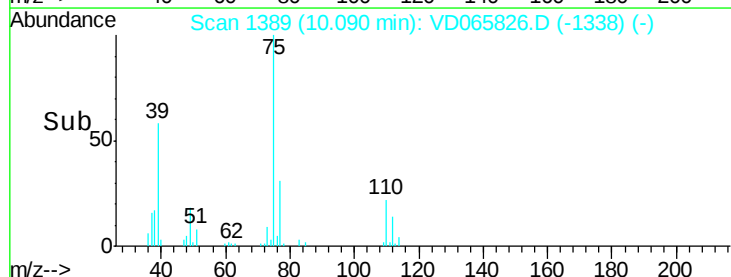
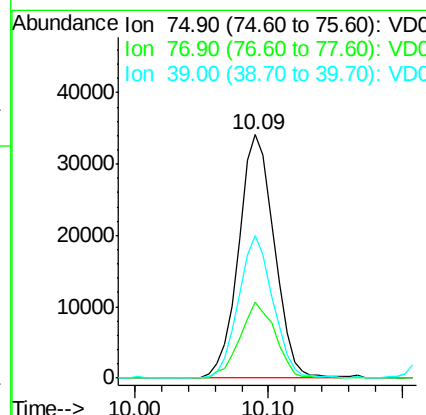
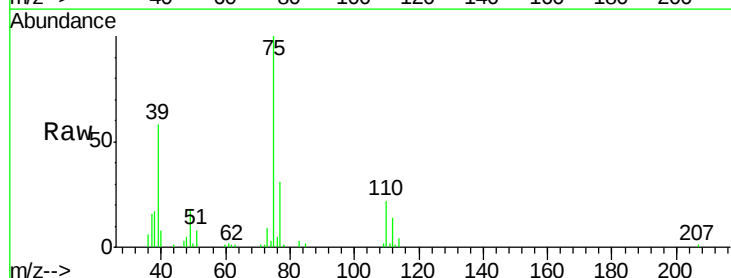
Tgt Ion: 75 Resp: 63325

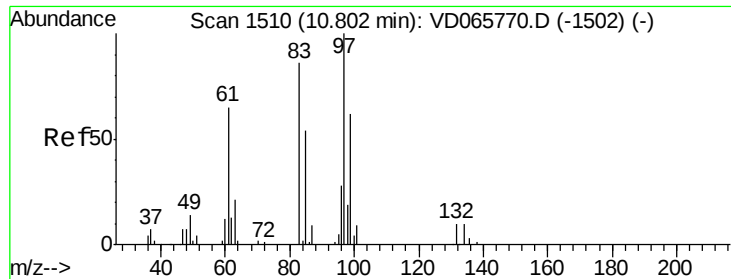
Ion Ratio Lower Upper

75 100

77 31.4 26.0 39.0

39 58.4 45.0 67.6





#55

1,1,2-Trichloroethane

Concen: 19.683 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01

Tgt Ion: 97 Resp: 27610

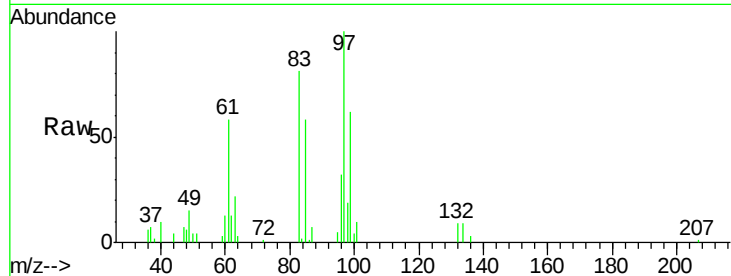
Ion Ratio Lower Upper

97 100

83 80.6 68.7 103.1

85 58.1 43.0 64.6

99 61.6 49.8 74.6

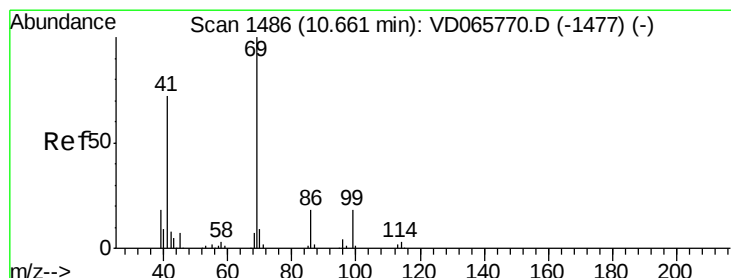
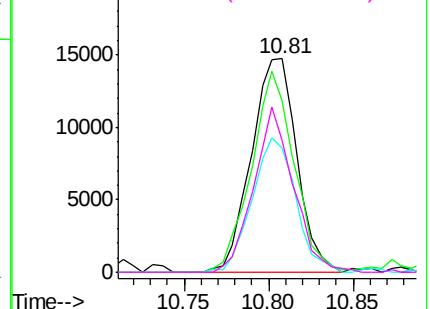
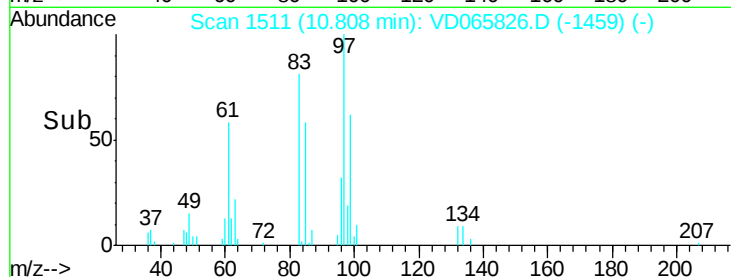


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 19.878 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

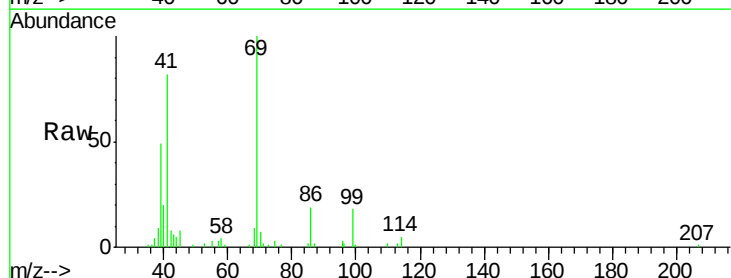
Tgt Ion: 69 Resp: 32796

Ion Ratio Lower Upper

69 100

41 74.6 56.9 85.3

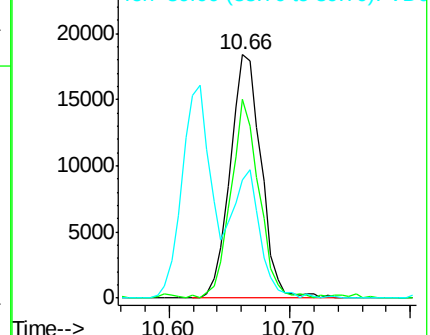
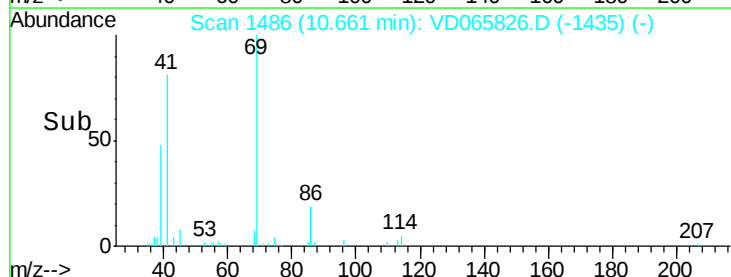
39 48.3 36.0 54.0

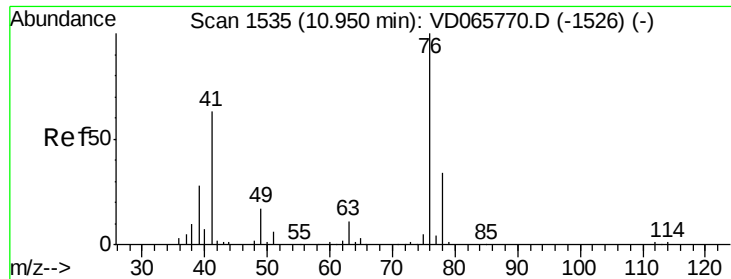


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

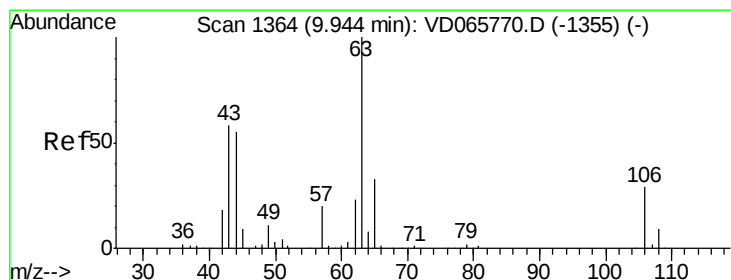
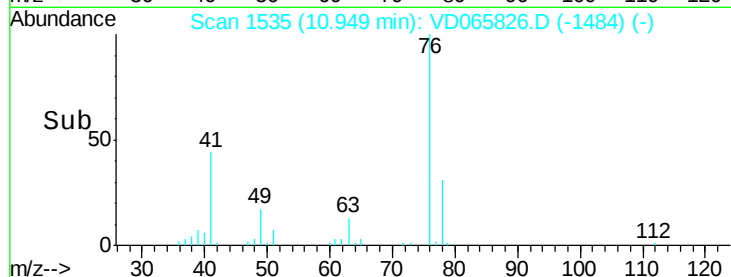
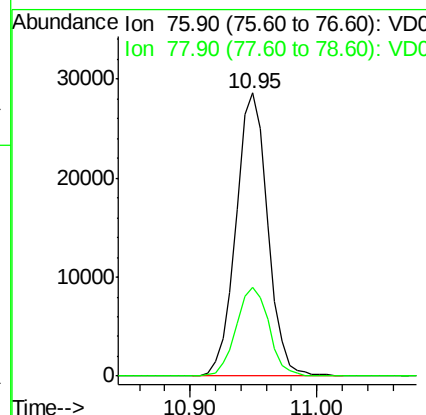
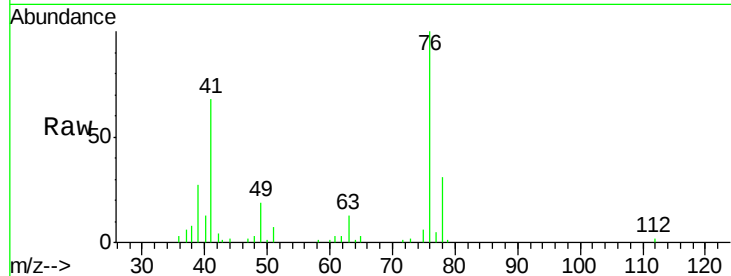




#57
 1,3-Dichloropropane
 Concen: 20.306 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065826.D
 Acq: 19 Jun 2020 14:01

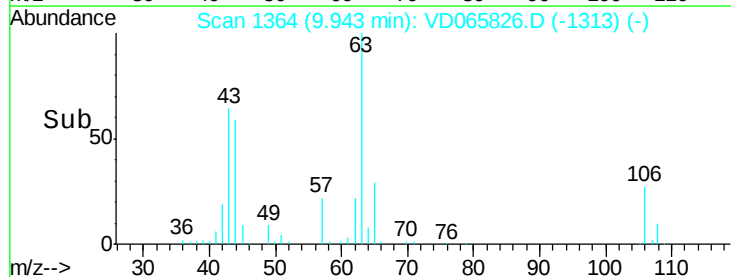
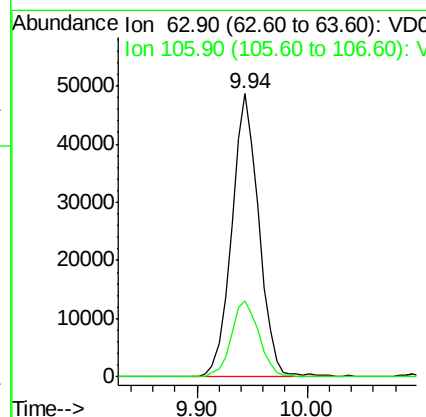
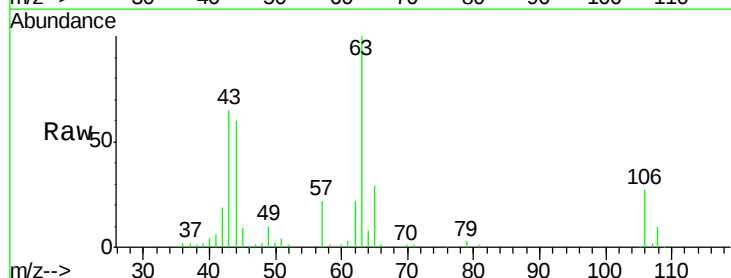
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

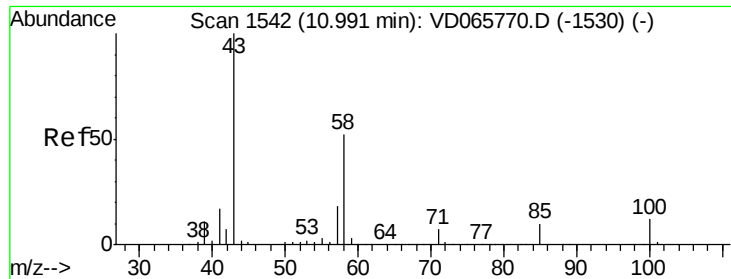
Tgt Ion: 76 Resp: 49347
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.049 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065826.D
 Acq: 19 Jun 2020 14:01

Tgt Ion: 63 Resp: 83646
 Ion Ratio Lower Upper
 63 100
 106 27.7 23.2 34.8

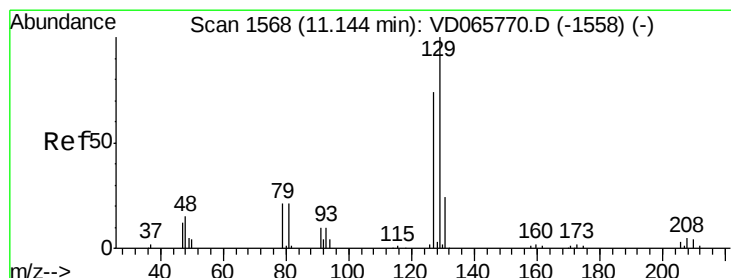
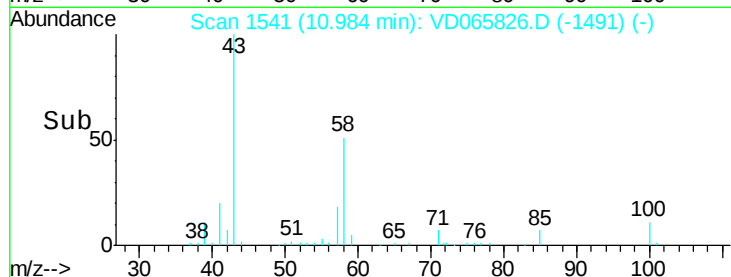
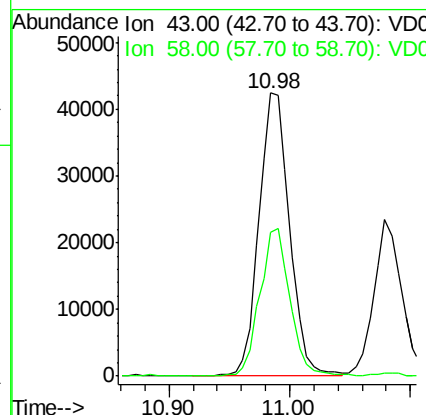
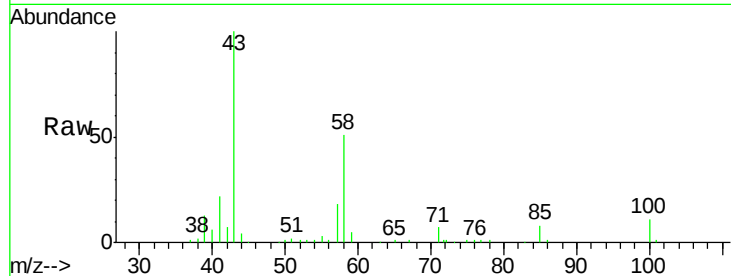




#59
2-Hexanone
Concen: 102.656 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

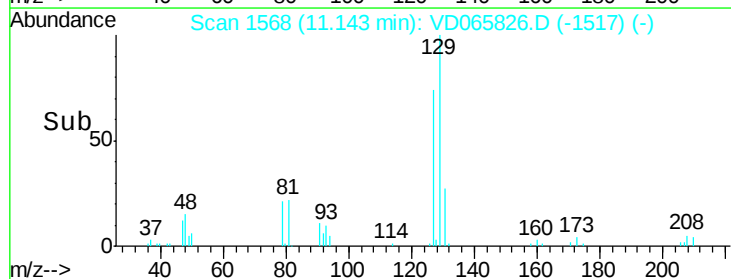
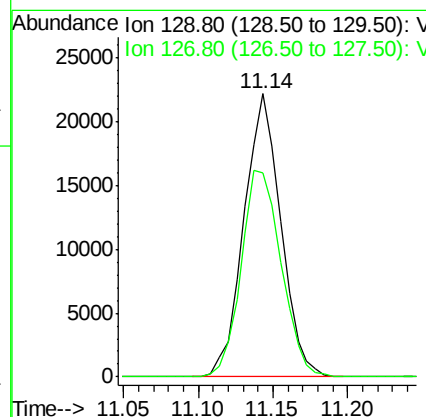
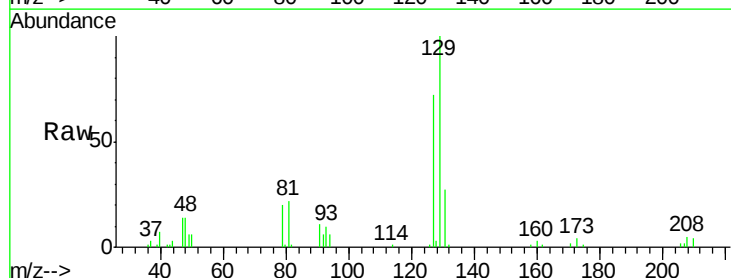
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

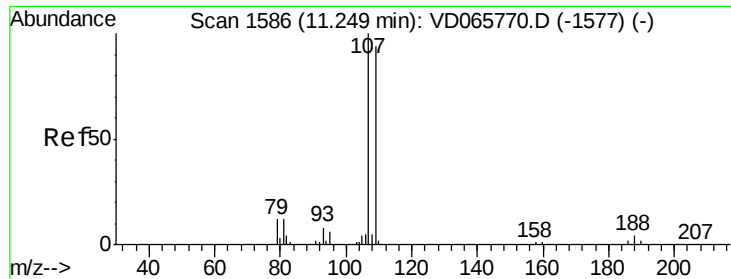
Tgt Ion: 43 Resp: 74851
Ion Ratio Lower Upper
43 100
58 51.3 25.7 77.0



#60
Dibromochloromethane
Concen: 20.056 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 129 Resp: 38004
Ion Ratio Lower Upper
129 100
127 78.9 38.0 113.9

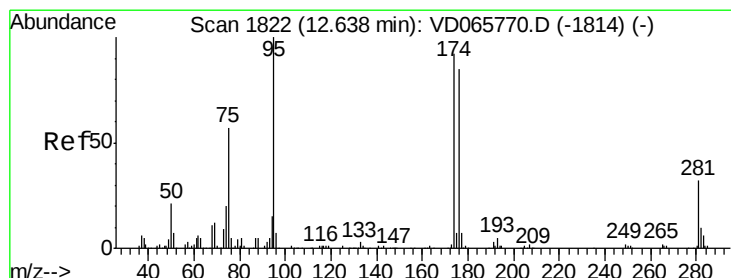
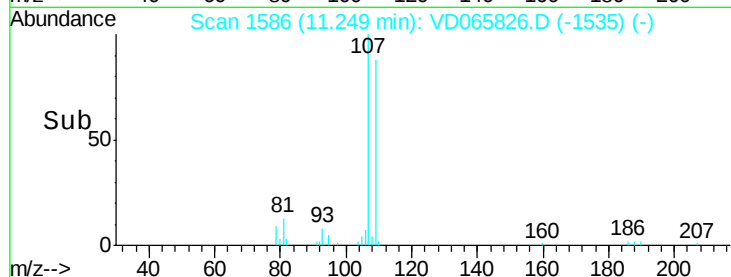
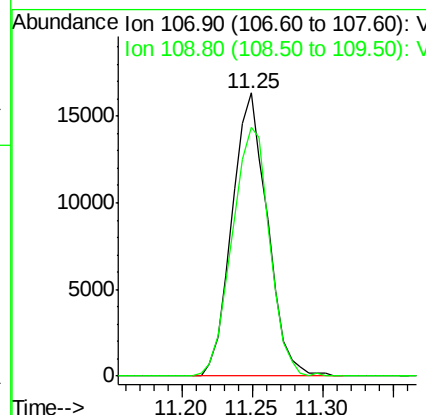
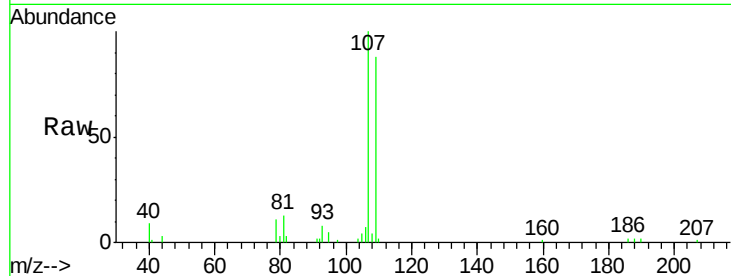




#61
 1,2-Dibromoethane
 Concen: 20.760 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065826.D
 Acq: 19 Jun 2020 14:01

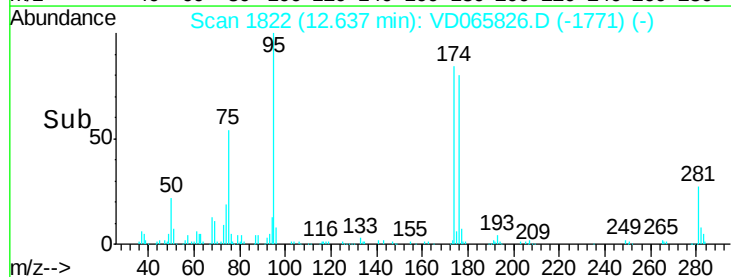
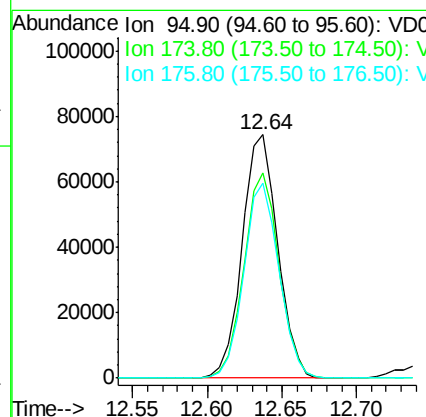
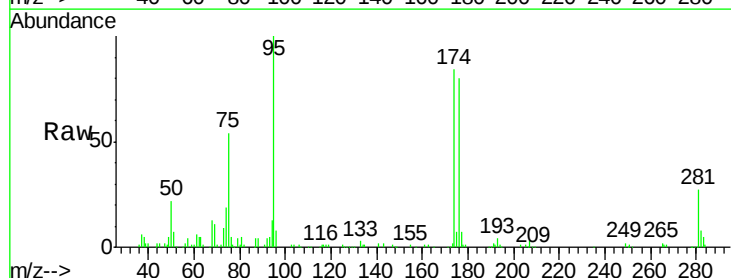
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

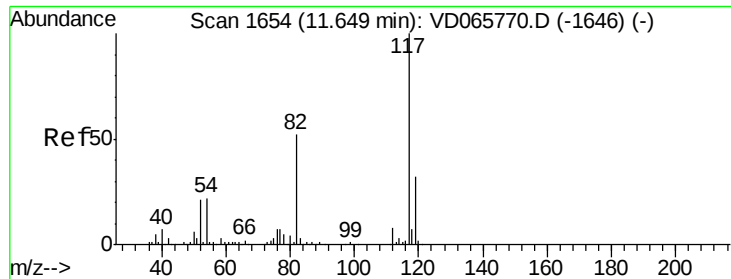
Tgt Ion: 107 Resp: 28618
 Ion Ratio Lower Upper
 107 100
 109 92.7 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 52.140 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065826.D
 Acq: 19 Jun 2020 14:01

Tgt Ion: 95 Resp: 122516
 Ion Ratio Lower Upper
 95 100
 174 83.1 0.0 175.2
 176 79.1 0.0 163.0

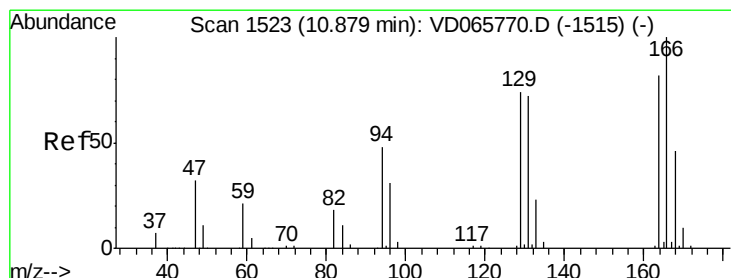
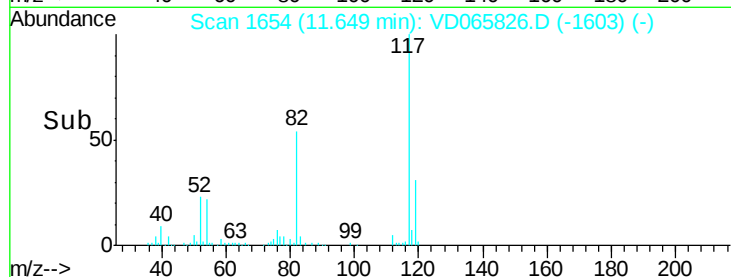
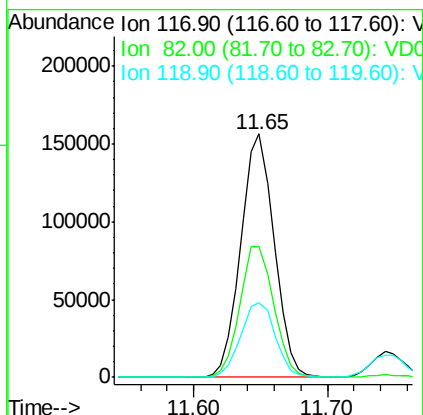
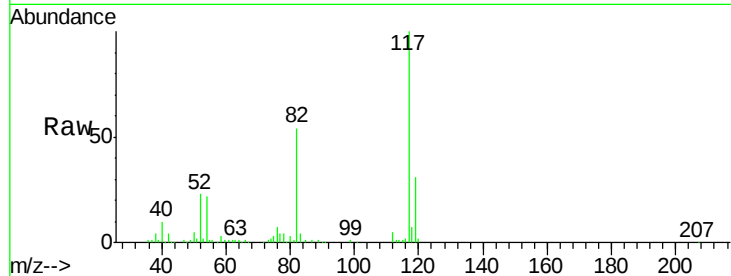




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

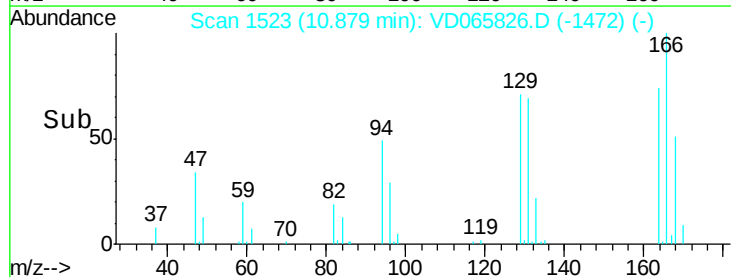
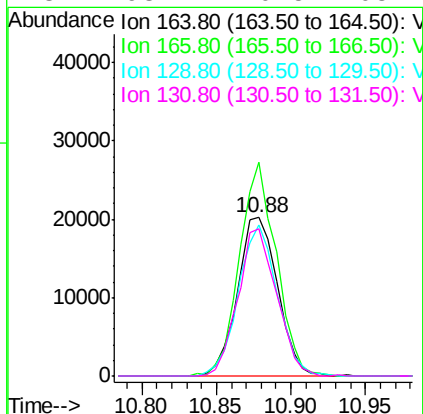
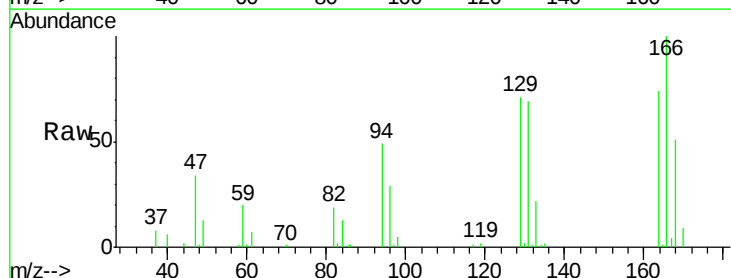
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

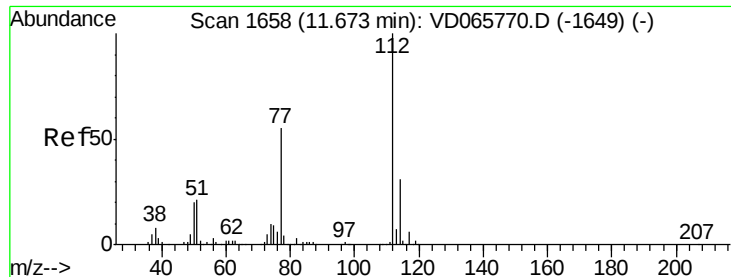
Tgt Ion:117 Resp: 271121
Ion Ratio Lower Upper
117 100
82 53.8 41.9 62.9
119 30.7 25.3 37.9



#64
Tetrachloroethene
Concen: 20.480 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

Tgt Ion:164 Resp: 37546
Ion Ratio Lower Upper
164 100
166 135.0 98.2 147.2
129 95.8 72.3 108.5
131 93.2 70.5 105.7

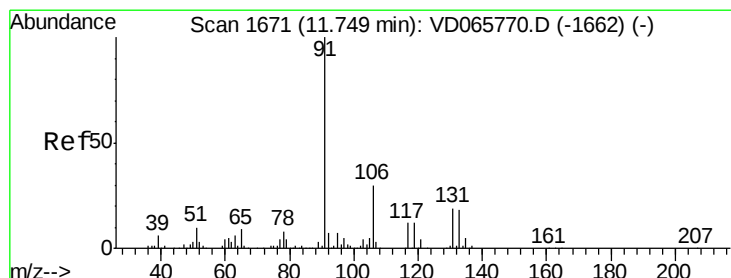
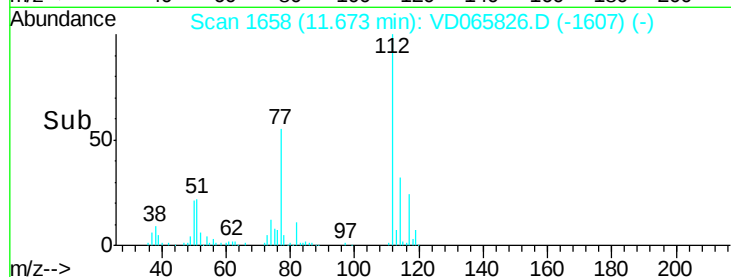
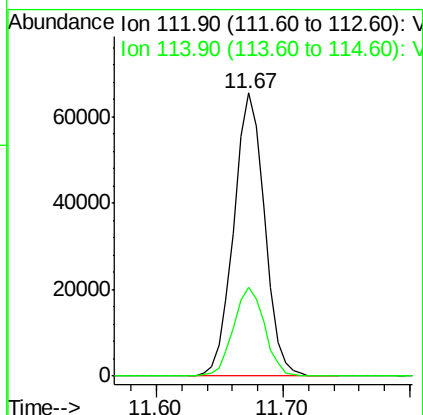
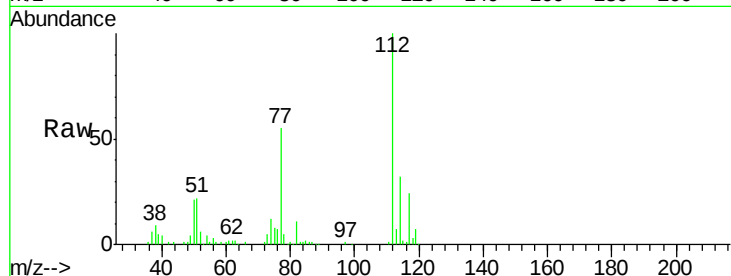




#65
Chlorobenzene
Concen: 20.821 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

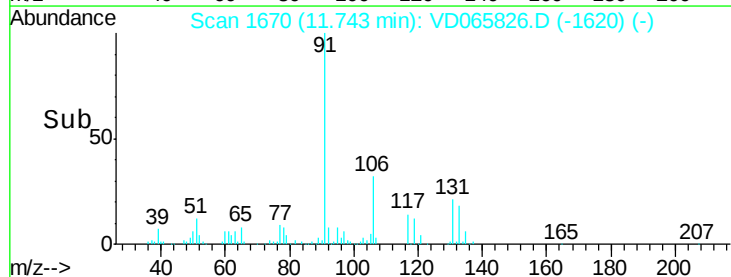
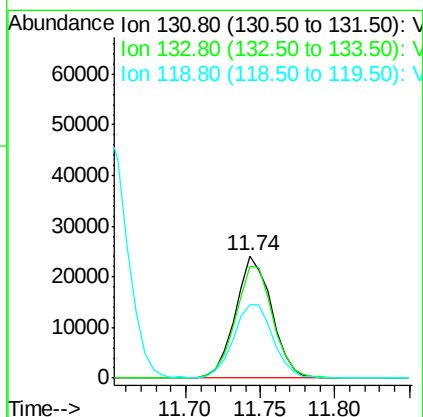
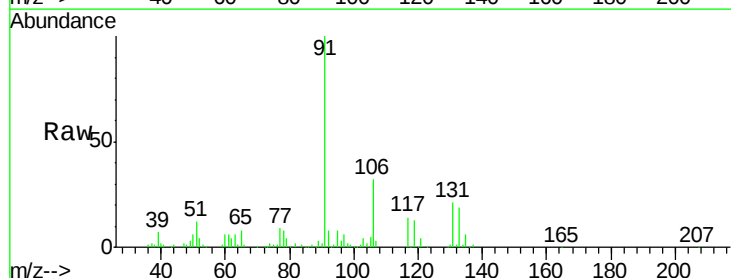
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

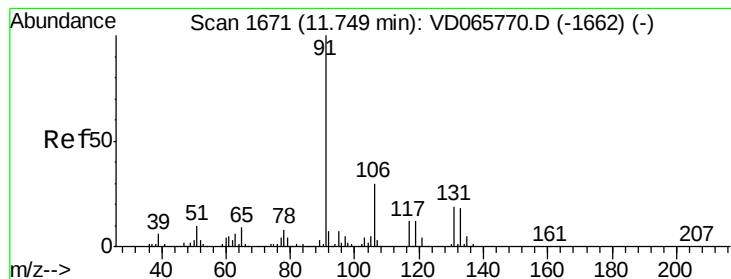
Tgt Ion:112 Resp: 110204
Ion Ratio Lower Upper
112 100
114 31.6 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.601 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

Tgt Ion:131 Resp: 40644
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.9
119 66.0 31.6 94.8





#67

Ethyl Benzene

Concen: 21.041 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

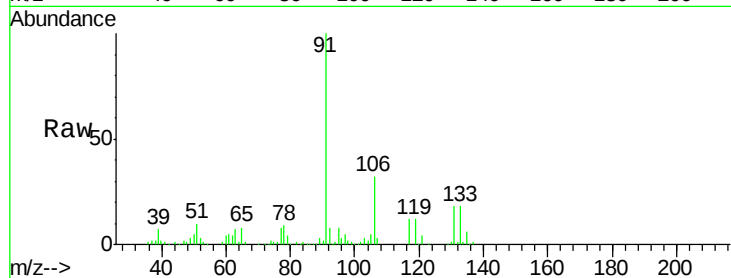
VD0619SBSD01

Tgt Ion: 91 Resp: 198949

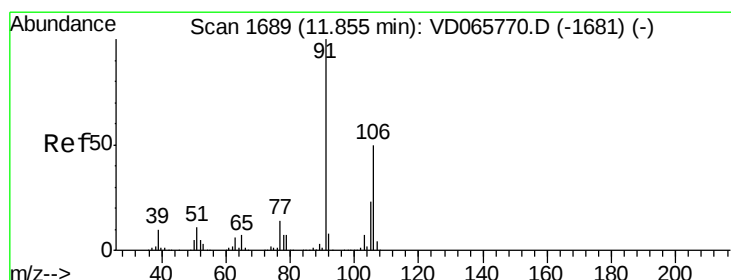
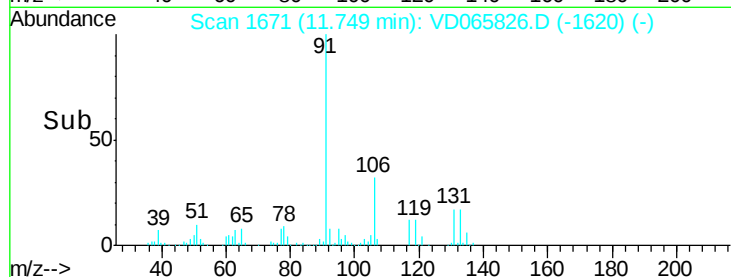
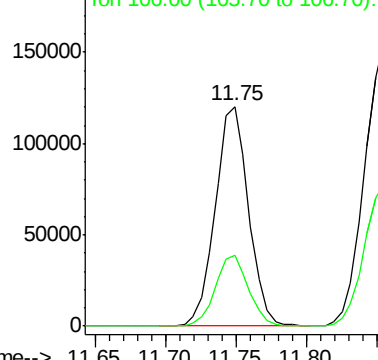
Ion Ratio Lower Upper

91 100

106 32.1 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VD065770.D (-1662) (-)



#68

m/p-Xylenes

Concen: 42.816 ug/l

RT: 11.85 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065826.D

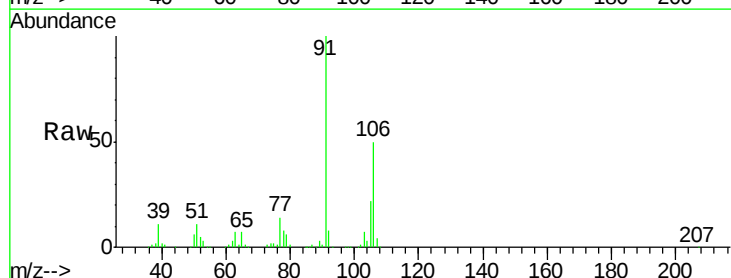
Acq: 19 Jun 2020 14:01

Tgt Ion: 106 Resp: 155940

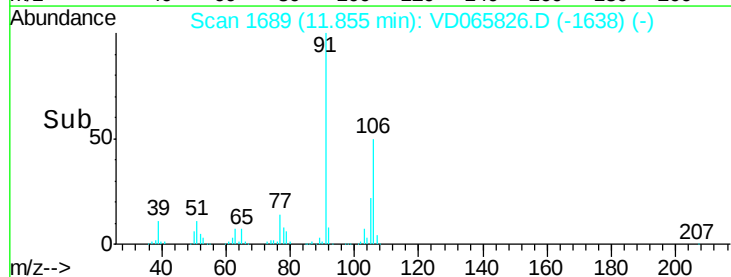
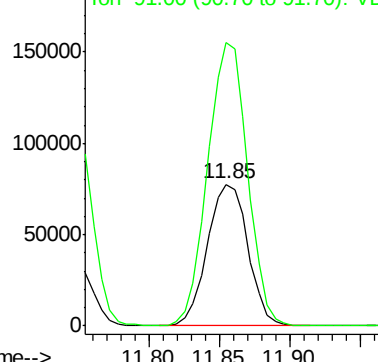
Ion Ratio Lower Upper

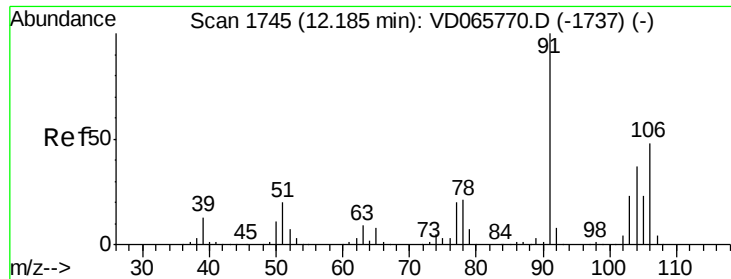
106 100

91 196.8 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): VD065770.D (-1681) (-)

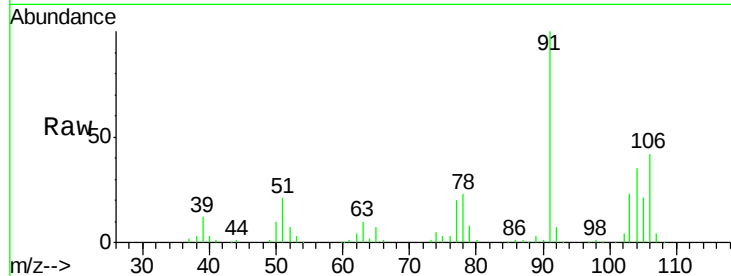




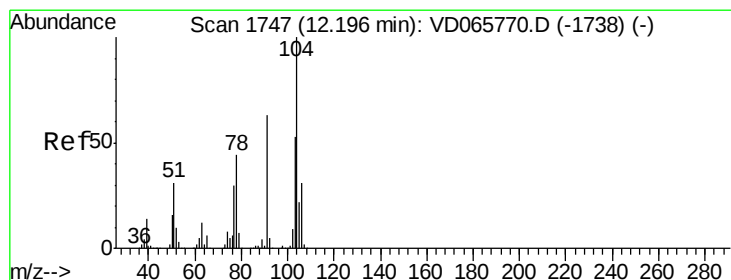
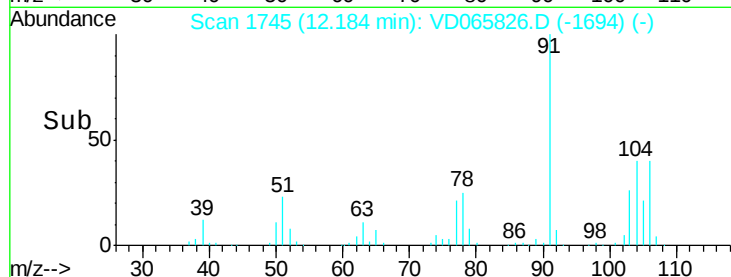
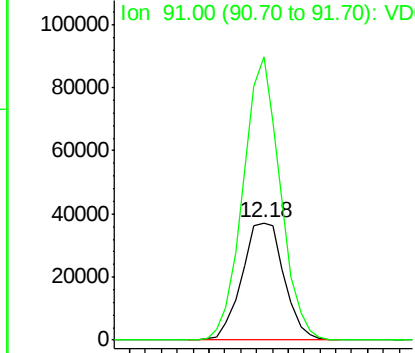
#69
o-Xylene
Concen: 20.876 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

Tgt Ion:106 Resp: 68554
Ion Ratio Lower Upper
106 100
91 212.4 105.3 315.8

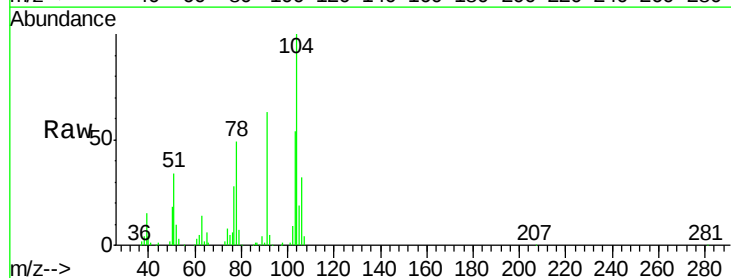


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

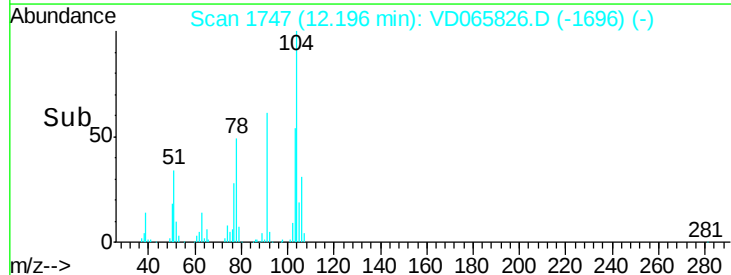
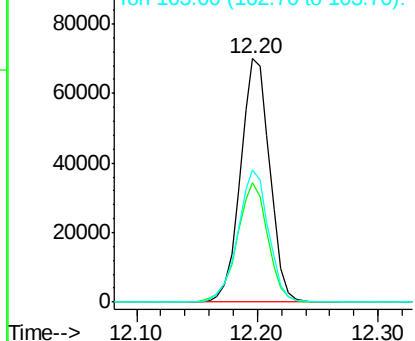


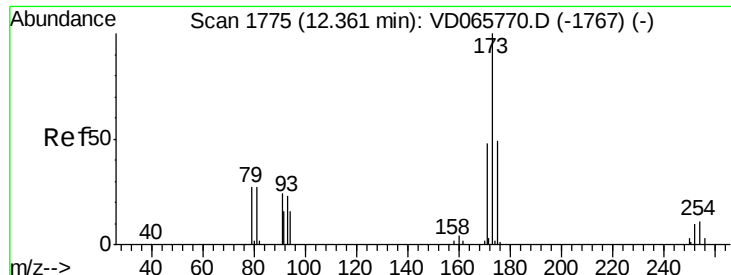
#70
Styrene
Concen: 20.798 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

Tgt Ion:104 Resp: 118230
Ion Ratio Lower Upper
104 100
78 51.2 38.6 58.0
103 56.8 43.9 65.9



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





#71

Bromoform

Concen: 19.905 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01

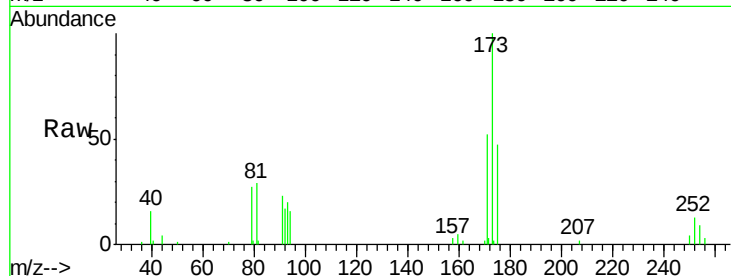
Tgt Ion:173 Resp: 21626

Ion Ratio Lower Upper

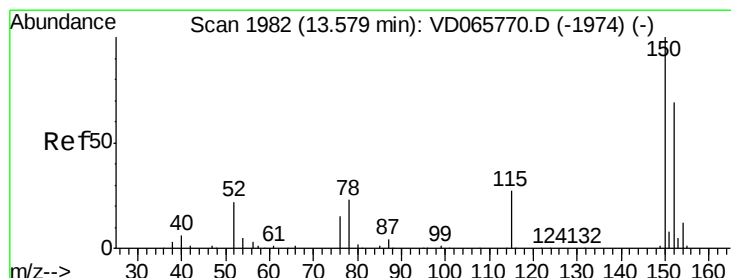
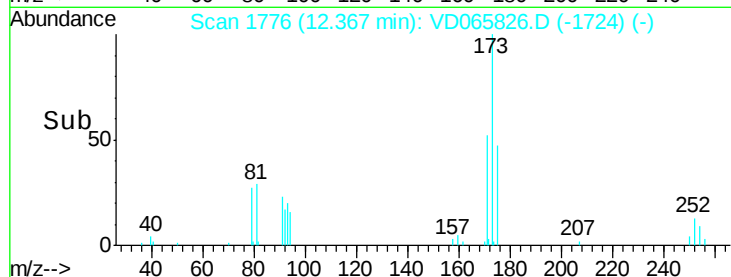
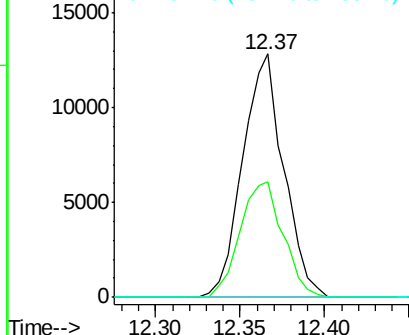
173 100

175 49.6 24.8 74.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

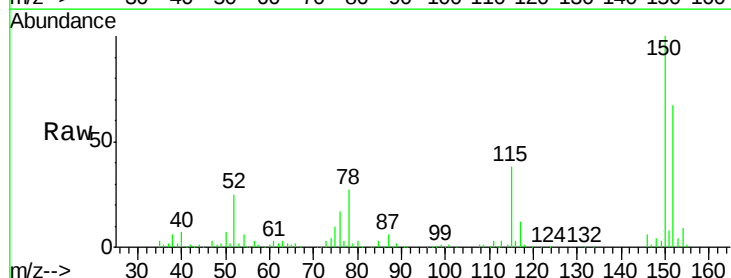
Tgt Ion:152 Resp: 141653

Ion Ratio Lower Upper

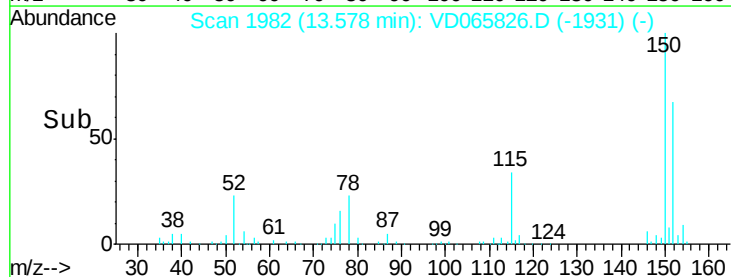
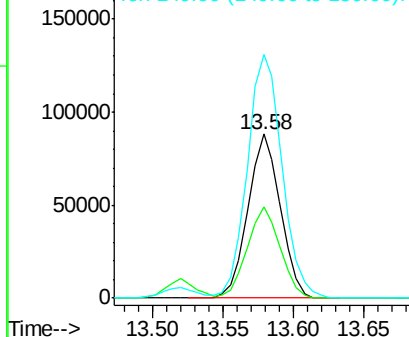
152 100

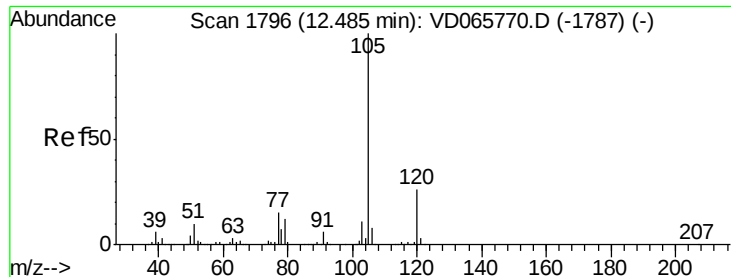
115 56.8 28.7 86.1

150 159.5 0.0 348.0



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: 20.094 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

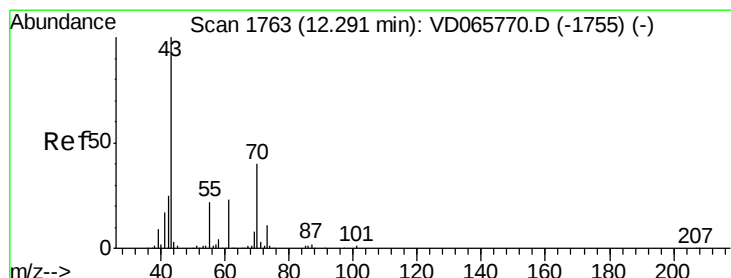
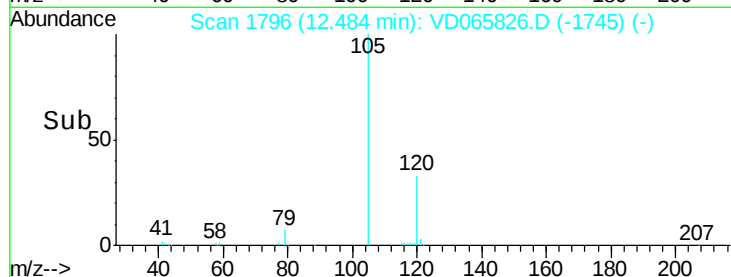
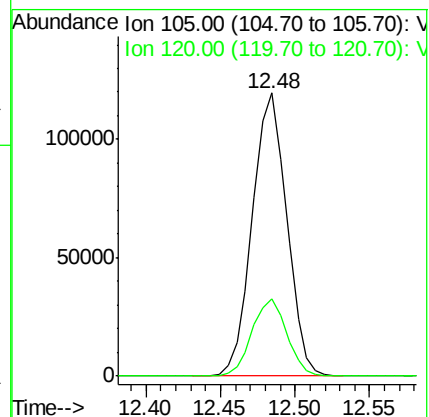
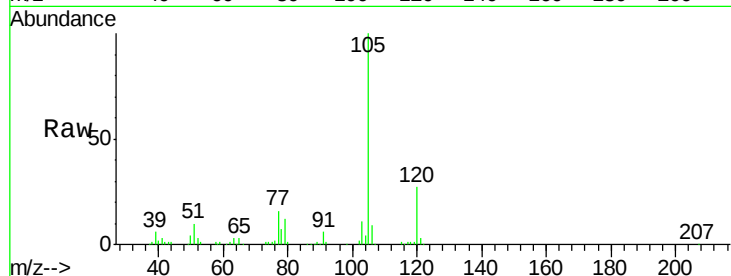
VD0619SBSD01

Tgt Ion:105 Resp: 190840

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.5



#74

N-ethyl acetate

Concen: 19.252 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Tgt Ion: 43 Resp: 40678

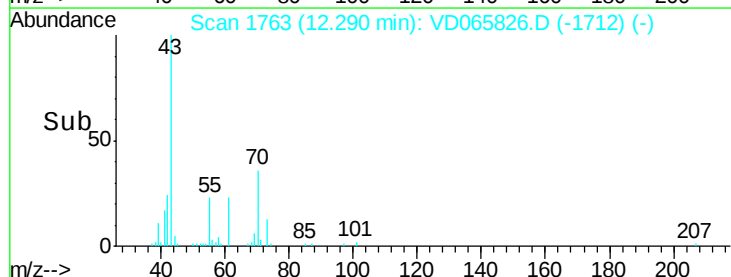
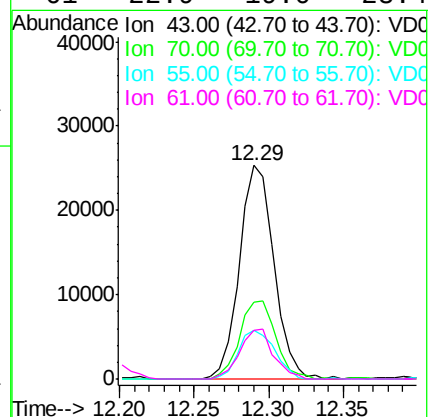
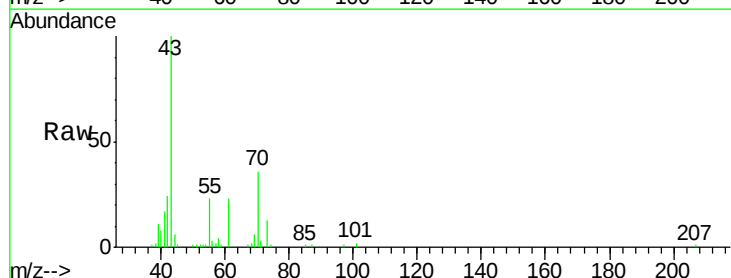
Ion Ratio Lower Upper

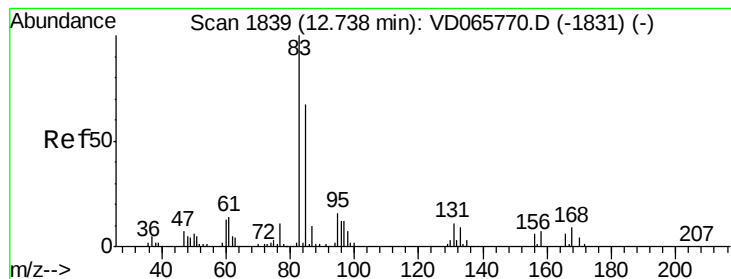
43 100

70 38.4 32.3 48.5

55 24.2 19.0 28.4

61 22.9 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.329 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01

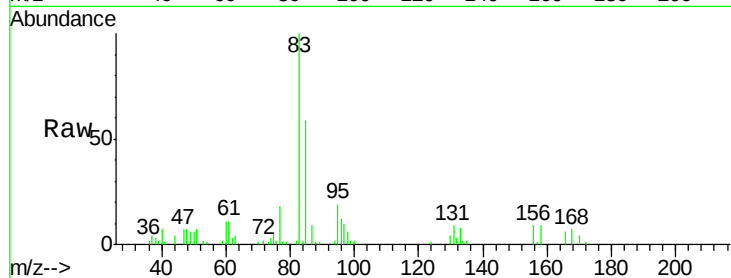
Tgt Ion: 83 Resp: 32607

Ion Ratio Lower Upper

83 100

131 9.8 5.5 16.4

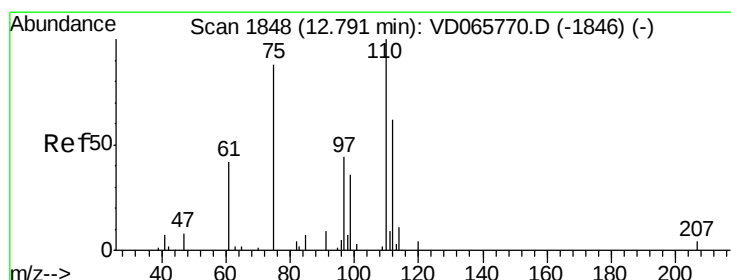
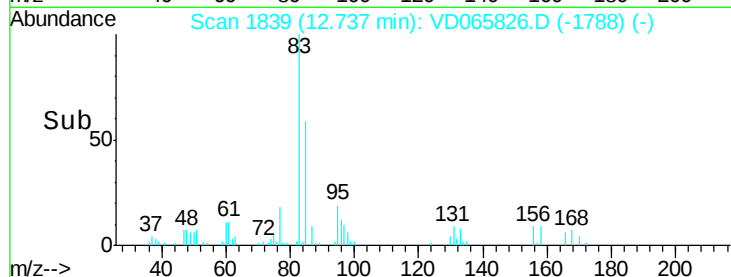
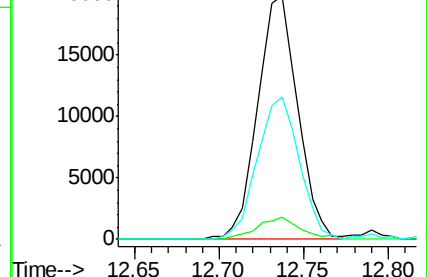
85 61.2 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 39.250 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD065826.D

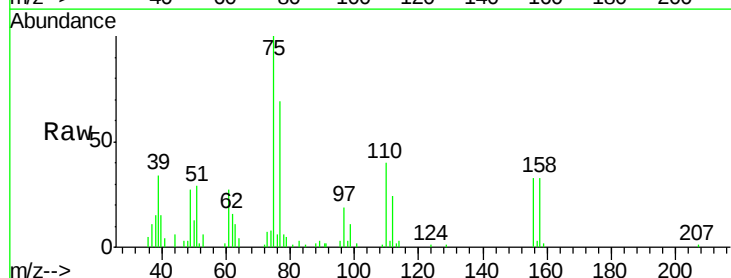
Acq: 19 Jun 2020 14:01

Tgt Ion: 75 Resp: 43240

Ion Ratio Lower Upper

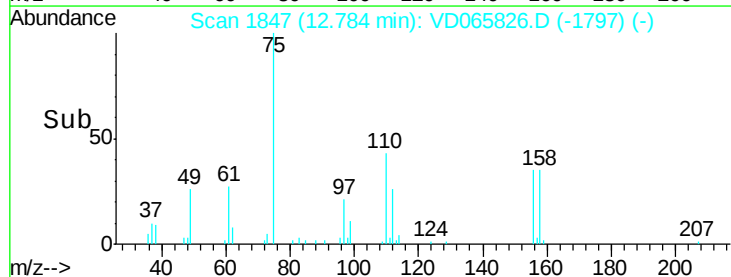
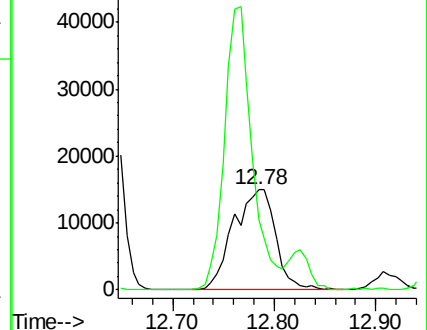
75 100

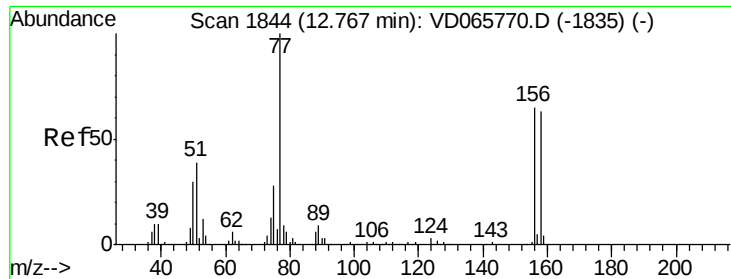
77 186.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.246 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01

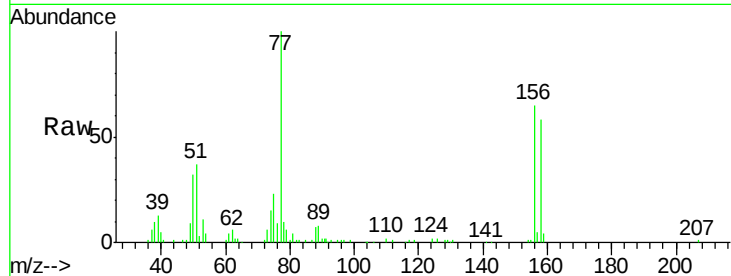
Tgt Ion:156 Resp: 45494

Ion Ratio Lower Upper

156 100

77 177.5 87.3 261.8

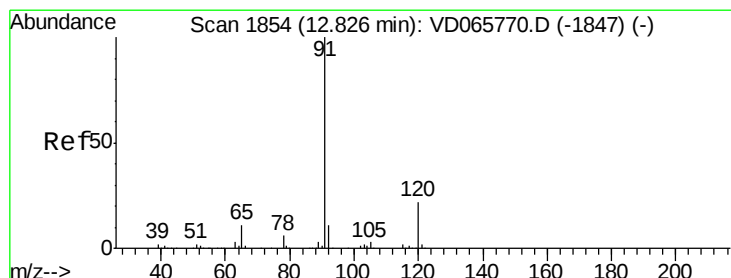
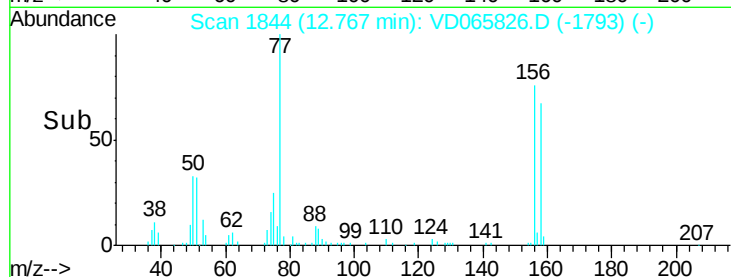
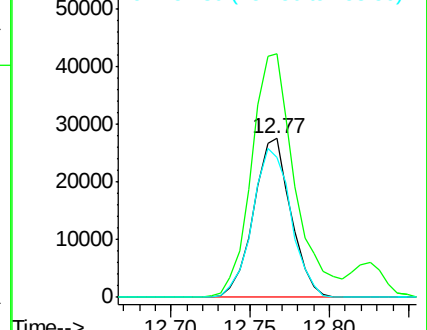
158 96.3 48.0 144.0



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: 20.639 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065826.D

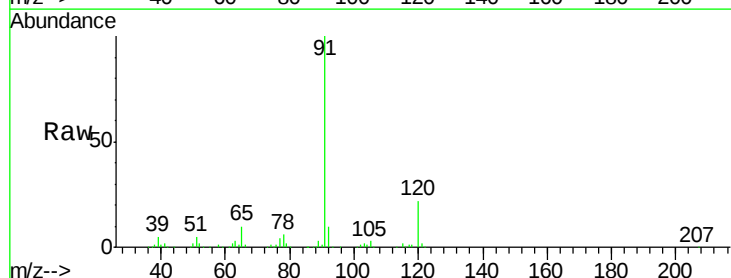
Acq: 19 Jun 2020 14:01

Tgt Ion: 91 Resp: 235945

Ion Ratio Lower Upper

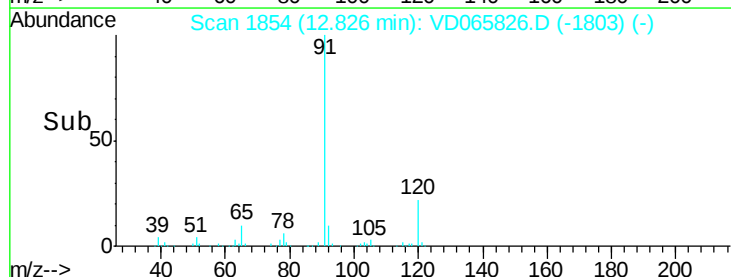
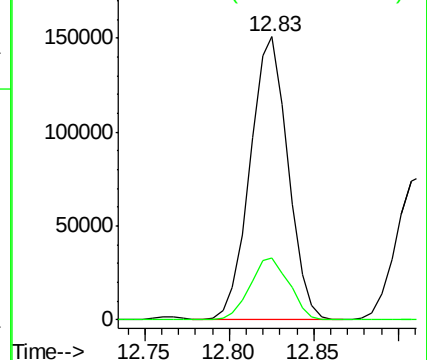
91 100

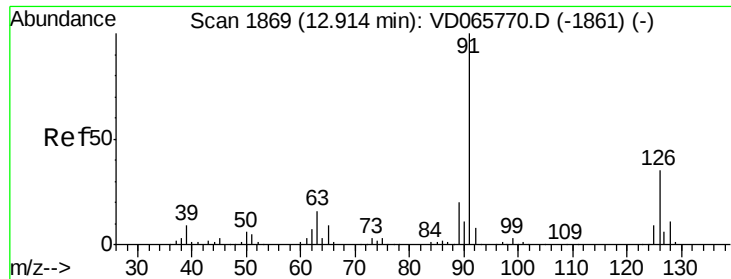
120 22.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

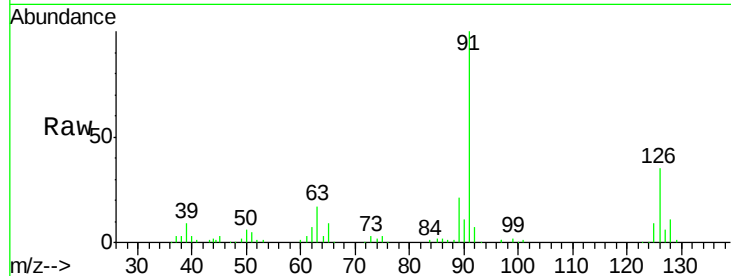




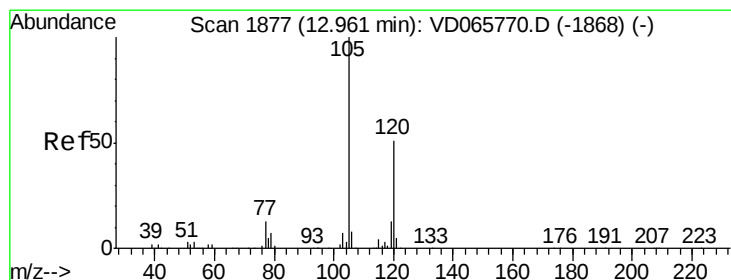
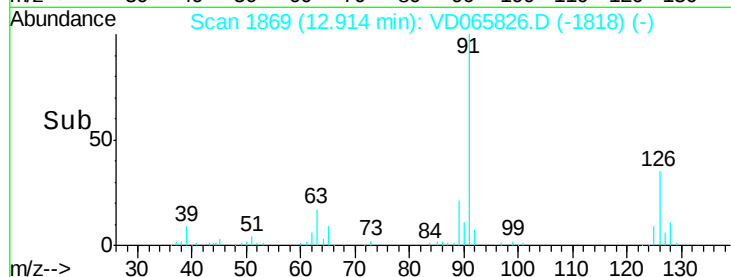
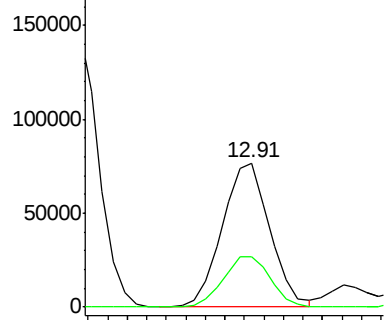
#79
 2-Chlorotoluene
 Concen: 20.735 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065826.D
 Acq: 19 Jun 2020 14:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

Tgt Ion: 91 Resp: 130038
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.5 52.6

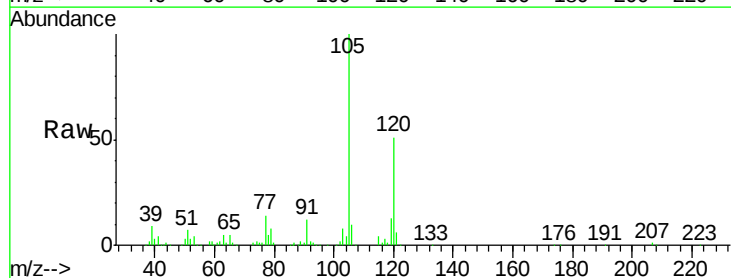


Abundance Ion 91.00 (90.70 to 91.70): VD065770.D (-1861) (-)
 Ion 125.90 (125.60 to 126.60): VD065770.D (-1861) (-)

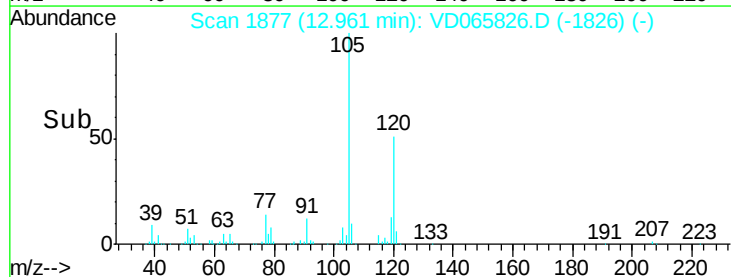
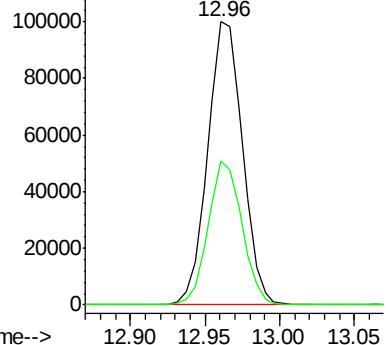


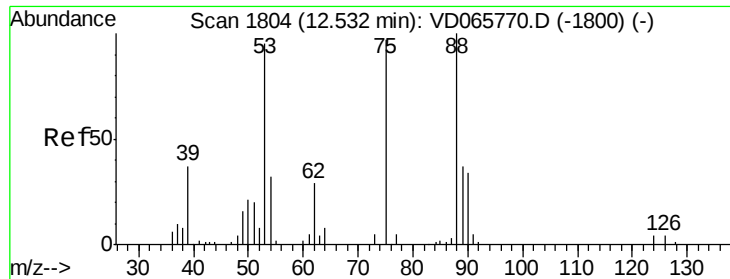
#80
 1,3,5-Trimethylbenzene
 Concen: 20.506 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD065826.D
 Acq: 19 Jun 2020 14:01

Tgt Ion: 105 Resp: 162068
 Ion Ratio Lower Upper
 105 100
 120 49.2 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VD065770.D (-1868) (-)
 Ion 120.00 (119.70 to 120.70): VD065770.D (-1868) (-)

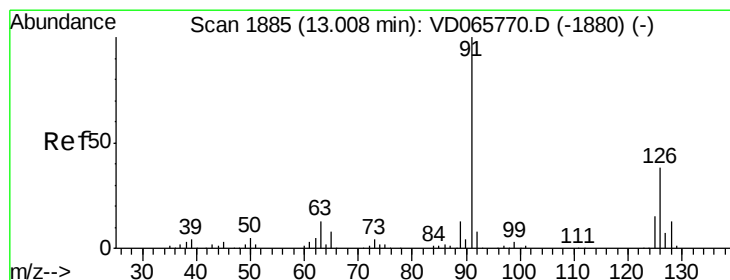
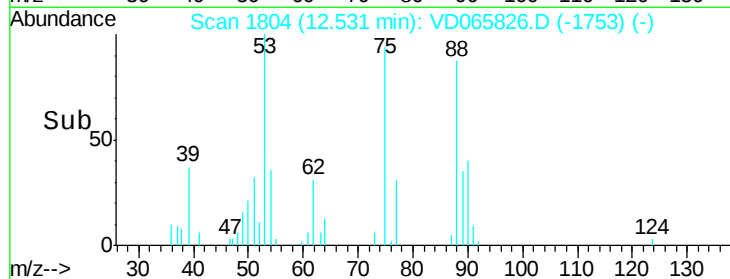
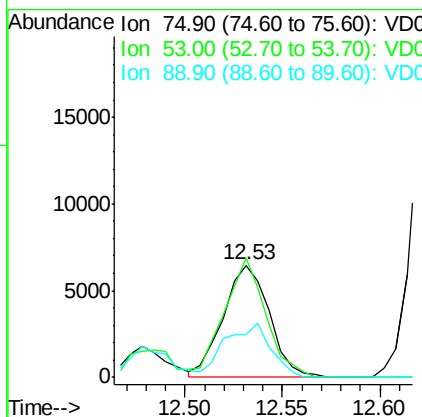
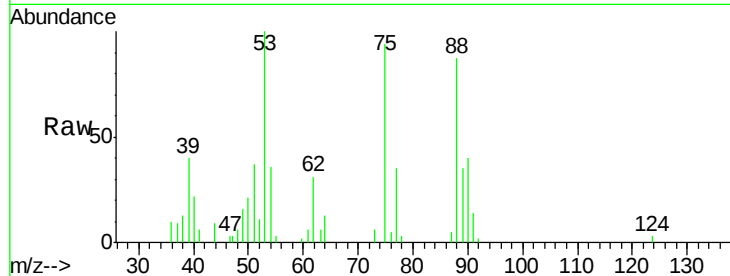




#81
trans-1,4-Dichloro-2-butene
Concen: 20.705 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

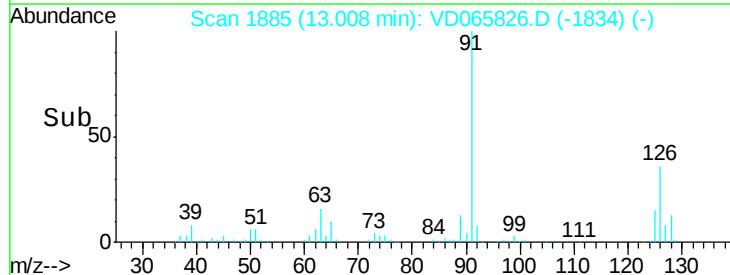
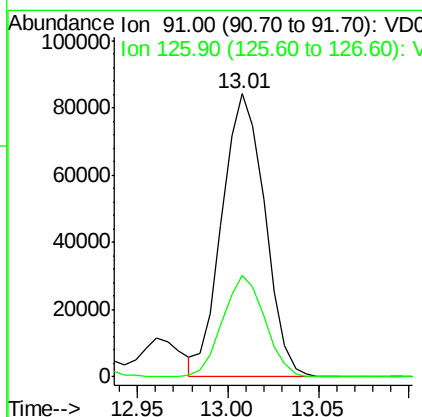
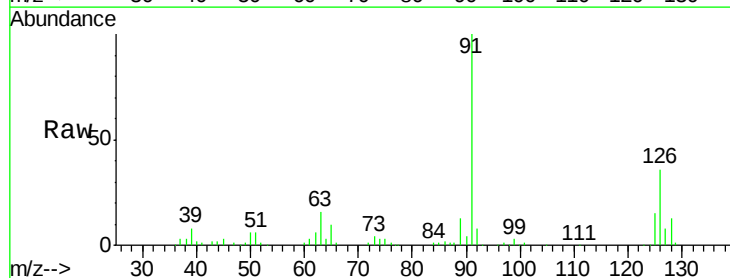
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

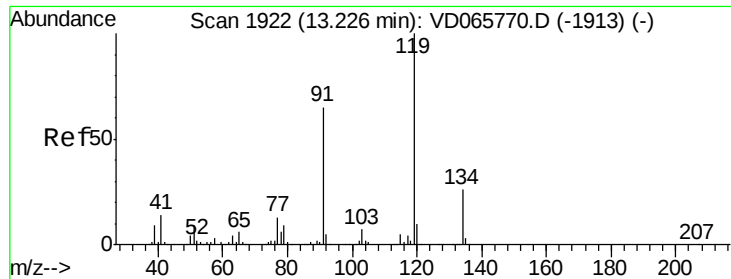
Tgt Ion: 75 Resp: 10557
Ion Ratio Lower Upper
75 100
53 96.7 82.6 123.8
89 47.2 35.9 53.9



#82
4-Chlorotoluene
Concen: 20.592 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 91 Resp: 138616
Ion Ratio Lower Upper
91 100
126 35.1 17.6 52.8

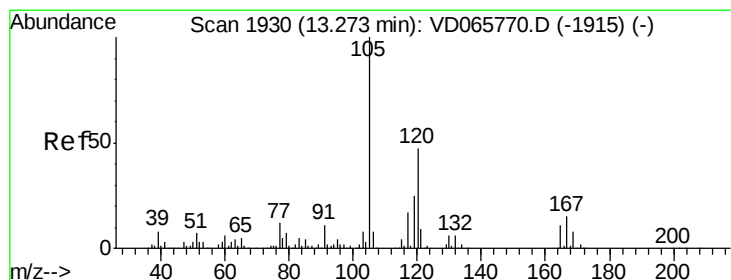
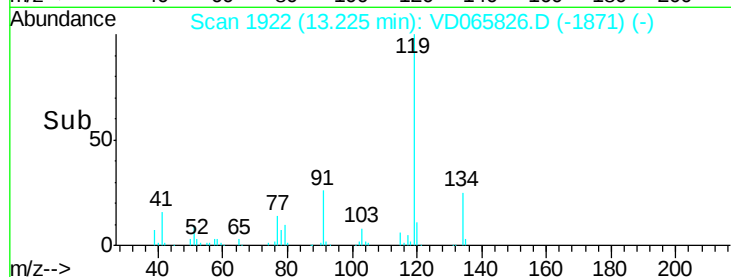
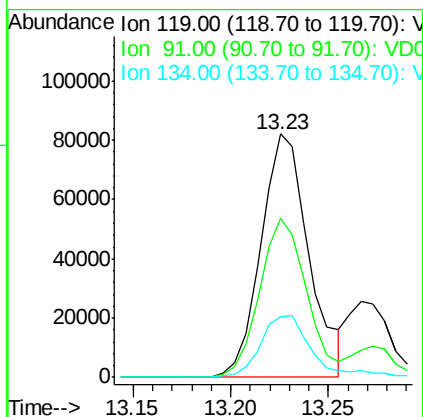
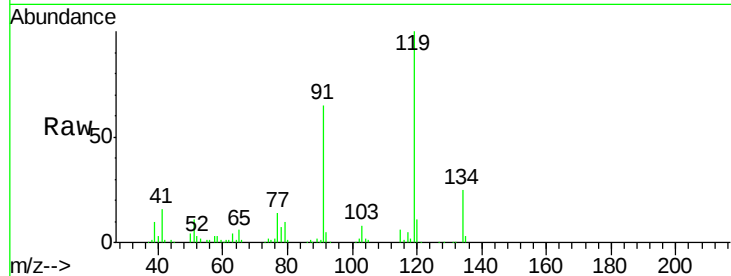




#83
 tert-Butylbenzene
 Concen: 20.388 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD065826.D
 Acq: 19 Jun 2020 14:01

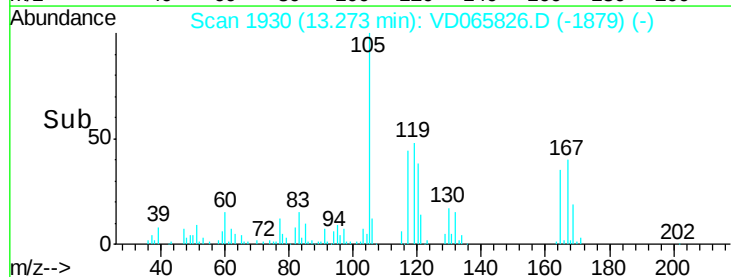
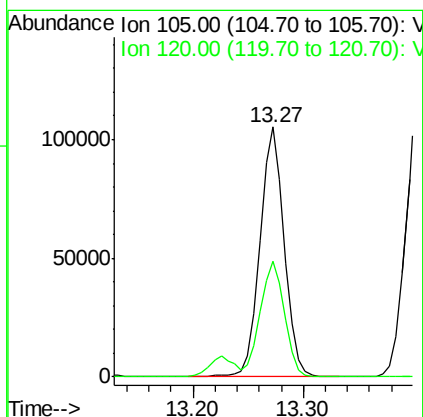
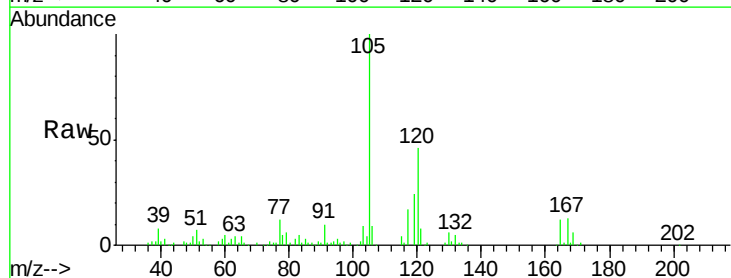
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

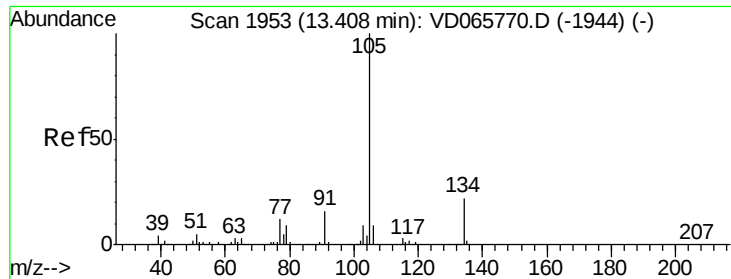
Tgt Ion:119 Resp: 139815
 Ion Ratio Lower Upper
 119 100
 91 63.6 32.0 96.0
 134 27.1 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.452 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065826.D
 Acq: 19 Jun 2020 14:01

Tgt Ion:105 Resp: 161785
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.3 69.8

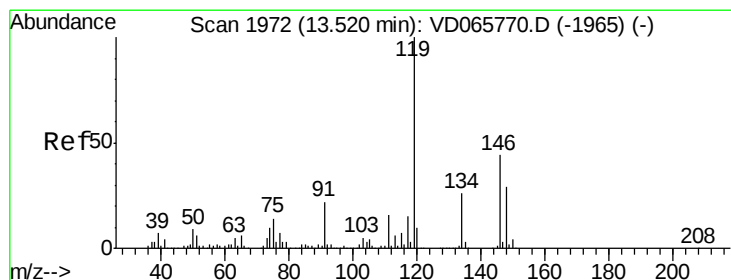
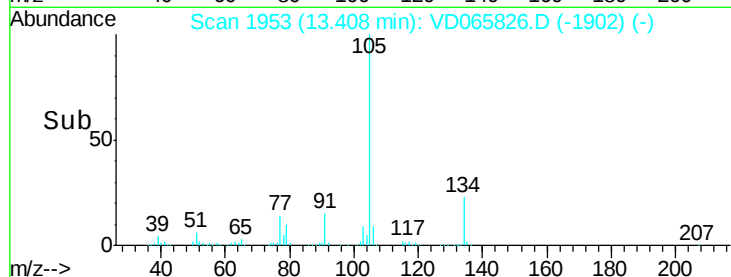
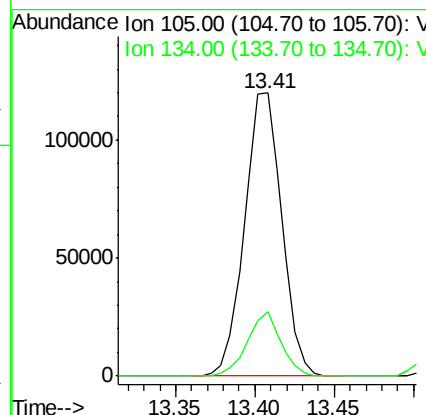
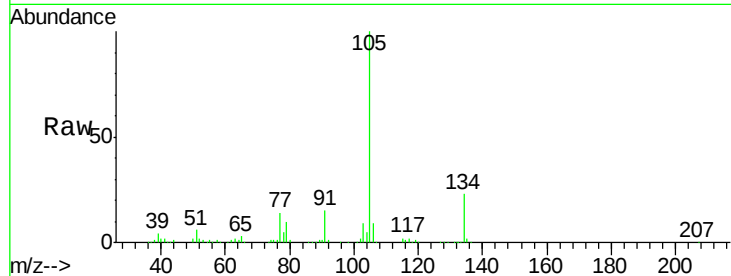




#85
 sec-Butylbenzene
 Concen: 20.456 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065826.D
 Acq: 19 Jun 2020 14:01

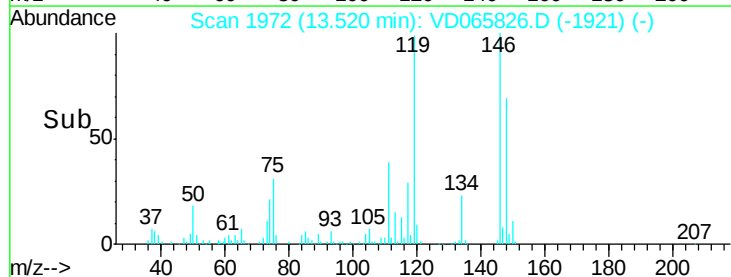
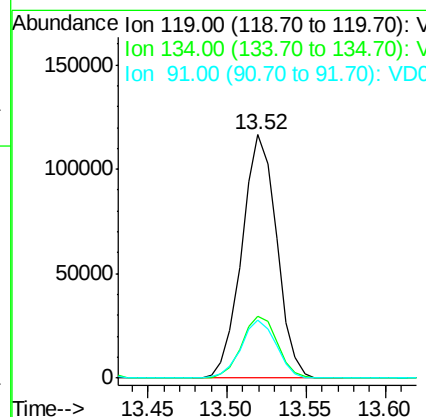
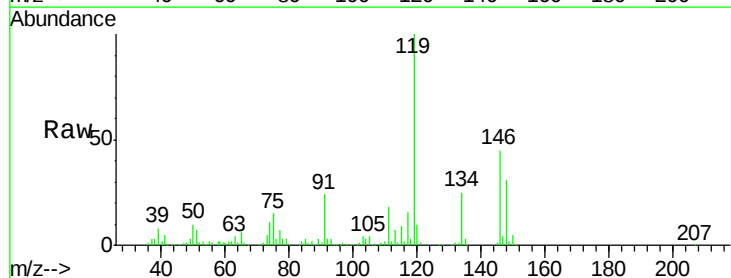
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

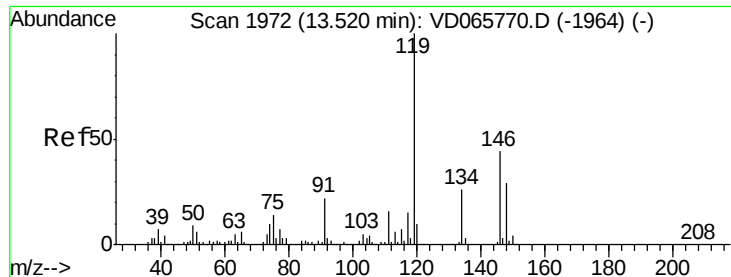
Tgt Ion:105 Resp: 195224
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 20.356 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065826.D
 Acq: 19 Jun 2020 14:01

Tgt Ion:119 Resp: 178056
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.9
 91 23.9 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 20.196 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01

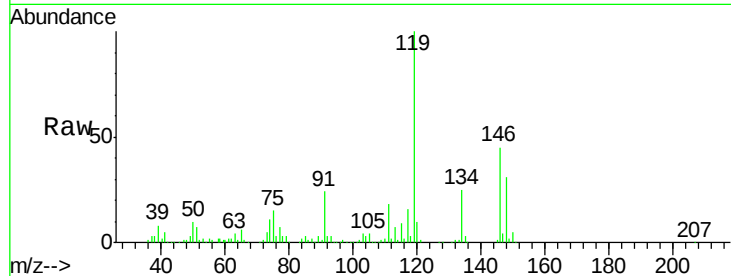
Tgt Ion:146 Resp: 89483

Ion Ratio Lower Upper

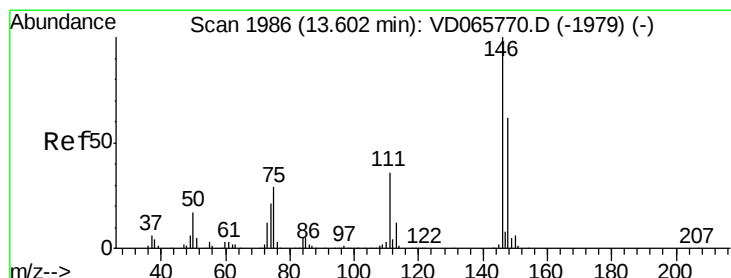
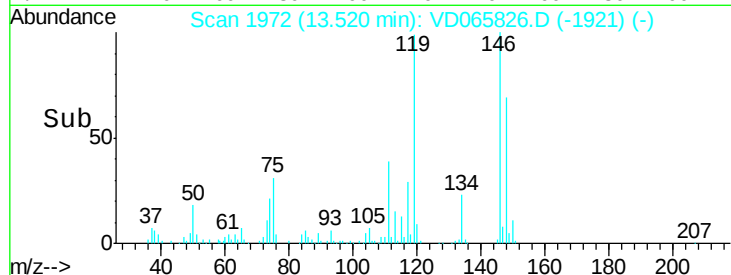
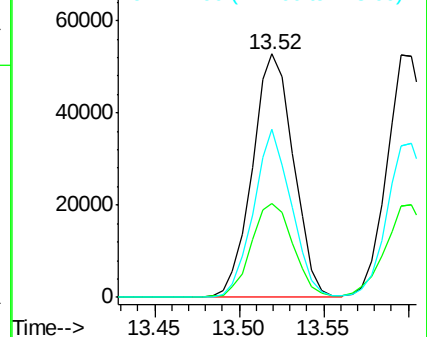
146 100

111 39.5 19.2 57.6

148 63.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.803 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

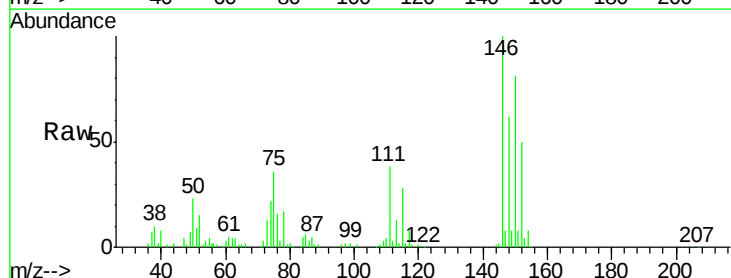
Tgt Ion:146 Resp: 87281

Ion Ratio Lower Upper

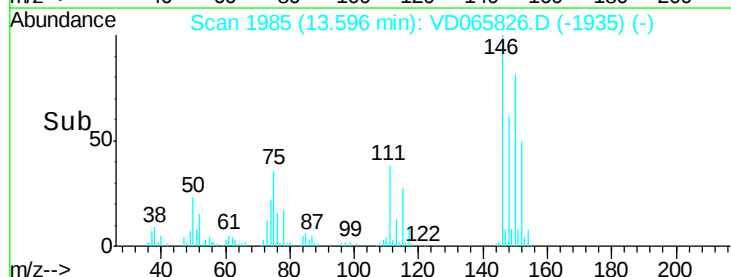
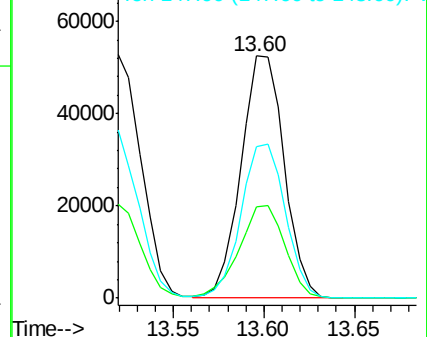
146 100

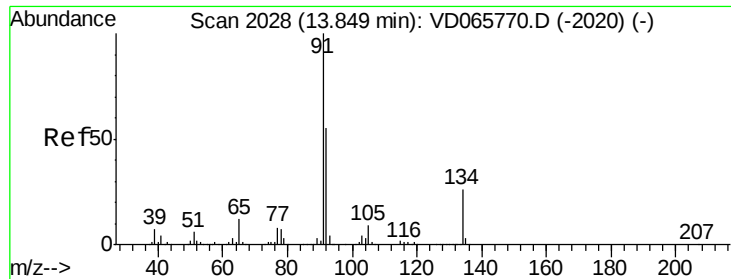
111 40.8 18.9 56.7

148 65.0 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

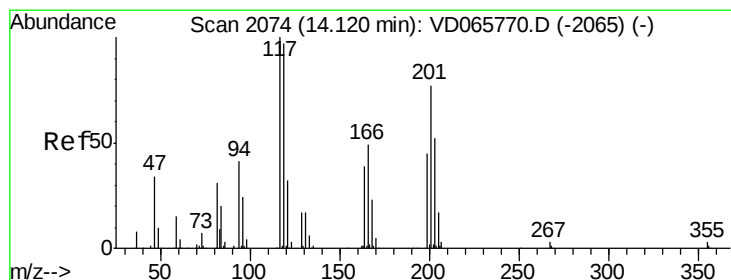
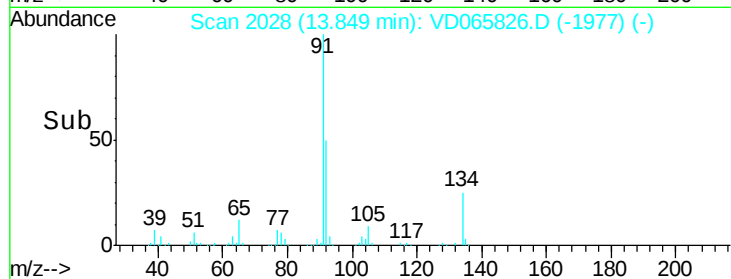
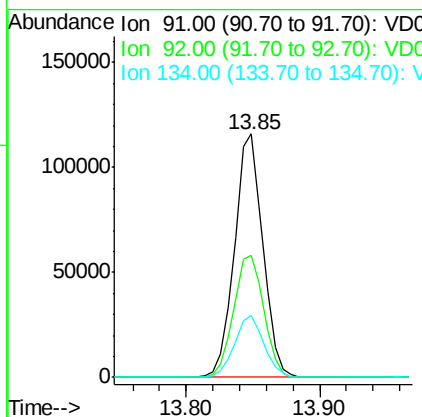
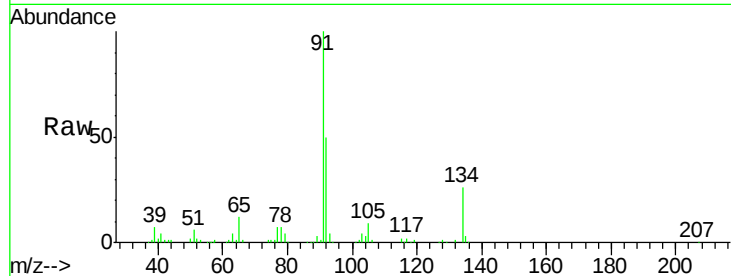




#89
n-Butylbenzene
Concen: 20.463 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

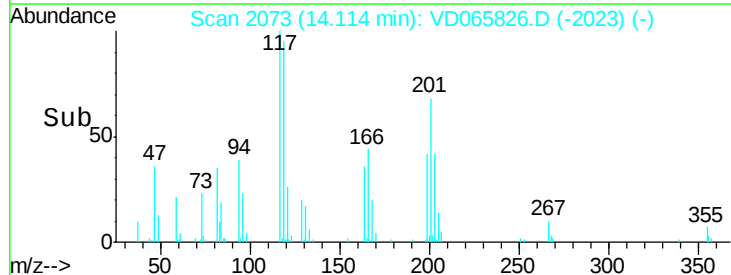
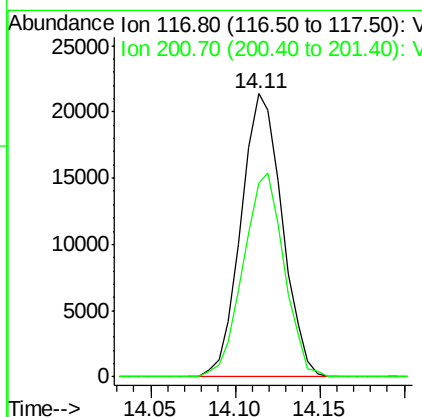
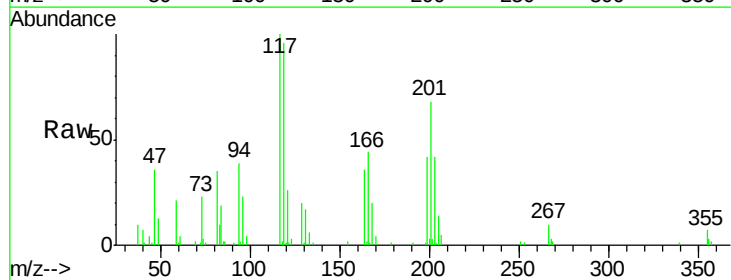
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

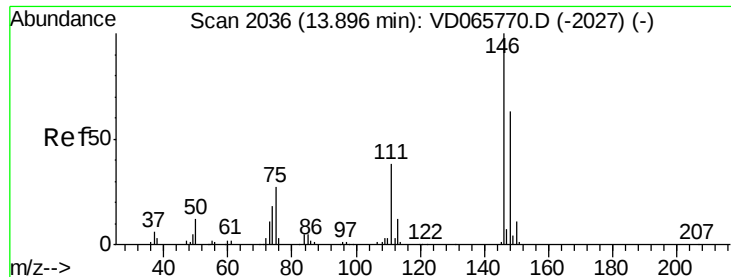
Tgt Ion: 91 Resp: 170715
Ion Ratio Lower Upper
91 100
92 53.3 27.0 81.0
134 26.4 13.0 39.0



#90
Hexachloroethane
Concen: 20.712 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD065826.D
Acq: 19 Jun 2020 14:01

Tgt Ion: 117 Resp: 36265
Ion Ratio Lower Upper
117 100
201 71.4 37.1 111.5





#91

1,2-Dichlorobenzene

Concen: 19.946 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

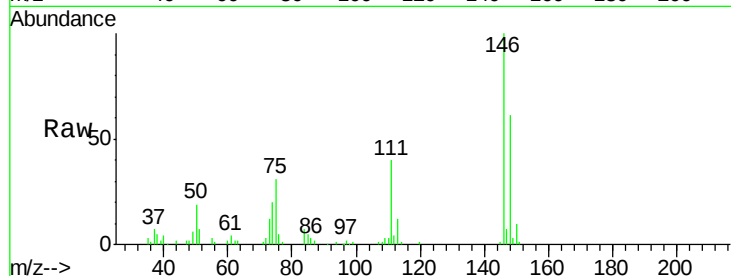
Tgt Ion:146 Resp: 76054

Ion Ratio Lower Upper

146 100

111 40.8 19.8 59.4

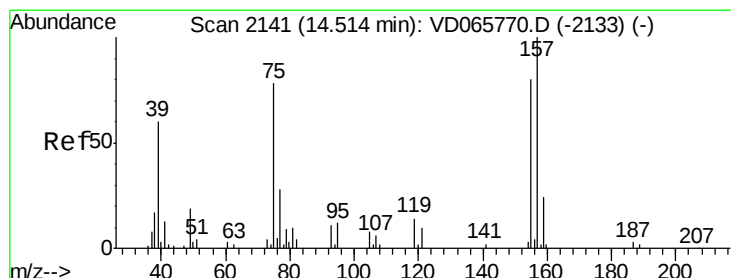
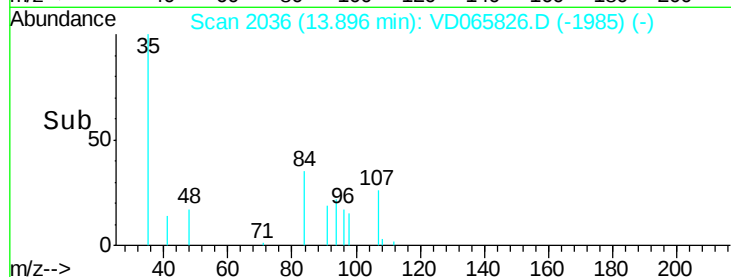
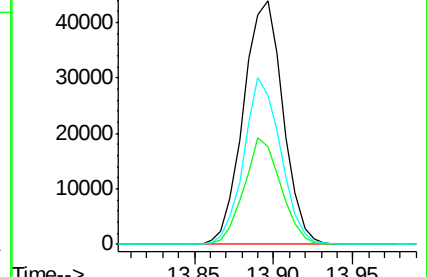
148 63.8 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.687 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

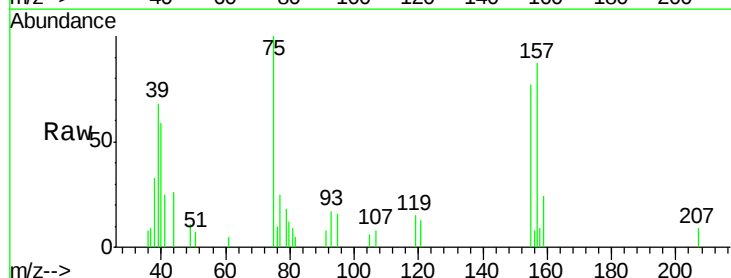
Tgt Ion: 75 Resp: 5255

Ion Ratio Lower Upper

75 100

155 79.5 46.3 138.9

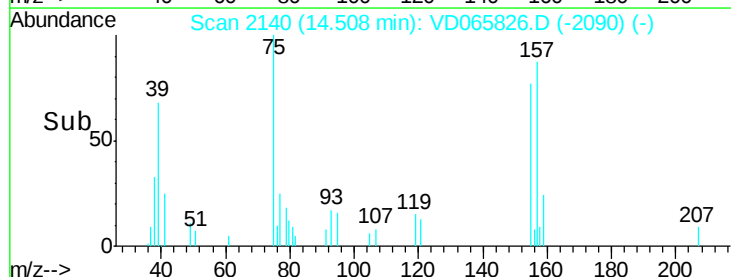
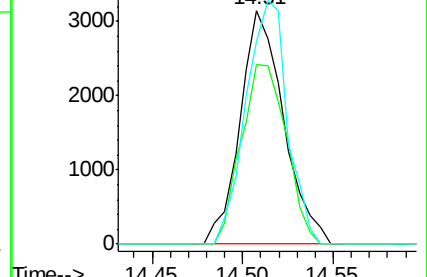
157 99.0 58.1 174.3

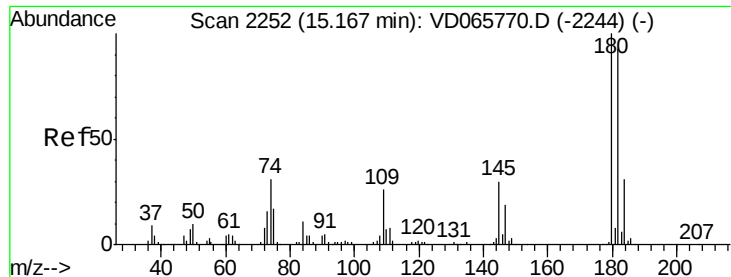


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

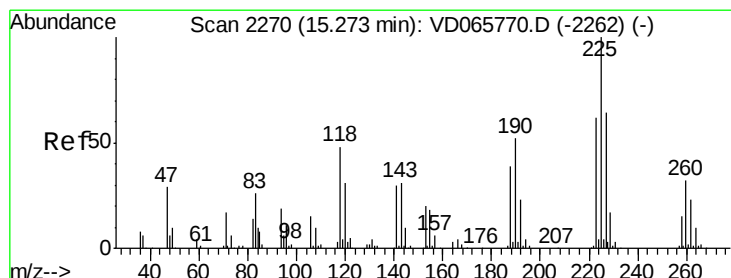
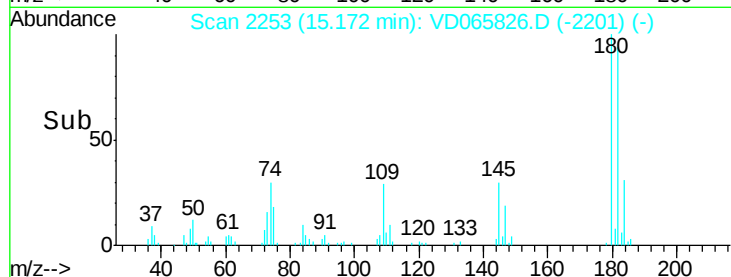
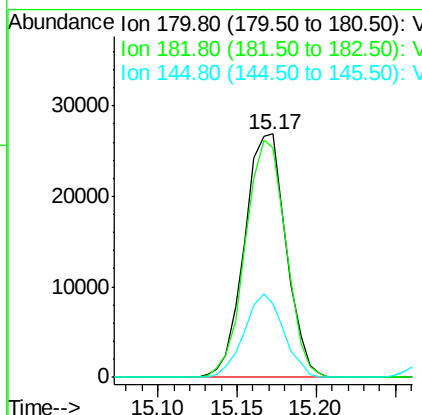
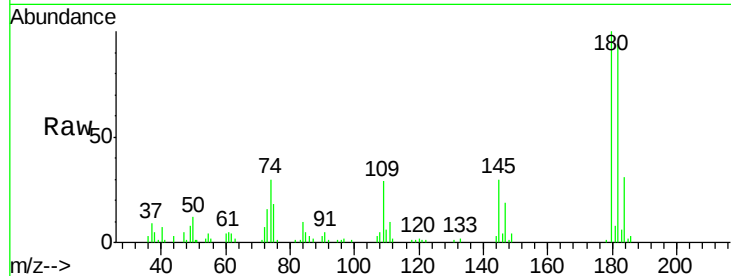




#93
 1,2,4-Trichlorobenzene
 Concen: 18.978 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD065826.D
 Acq: 19 Jun 2020 14:01

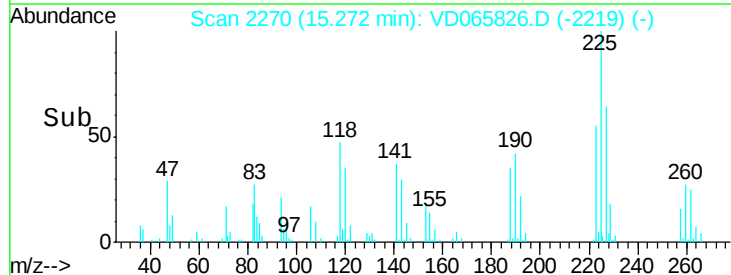
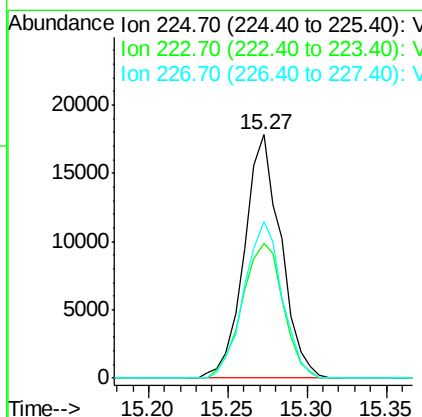
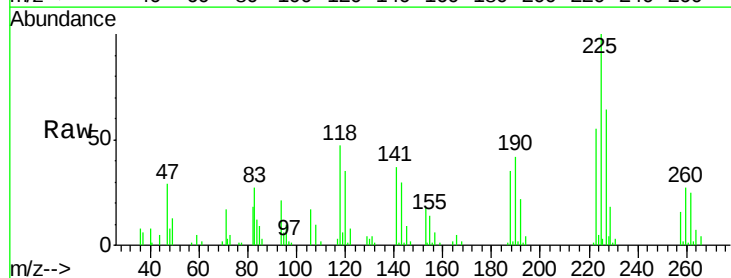
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

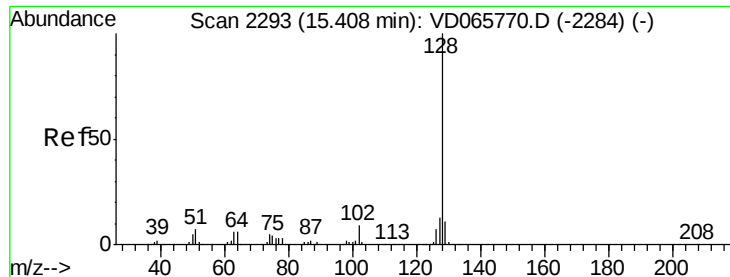
Tgt Ion:180 Resp: 49203
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.0 144.2
 145 32.3 14.9 44.9



#94
 Hexachlorobutadiene
 Concen: 18.250 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065826.D
 Acq: 19 Jun 2020 14:01

Tgt Ion:225 Resp: 28602
 Ion Ratio Lower Upper
 225 100
 223 61.8 30.9 92.7
 227 66.6 31.9 95.7





#95

Naphthalene

Concen: 18.197 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01

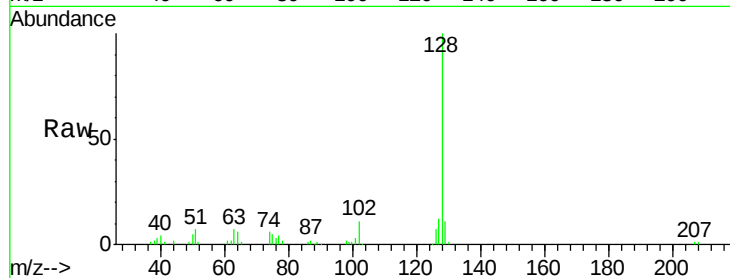
Tgt Ion:128 Resp: 79913

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

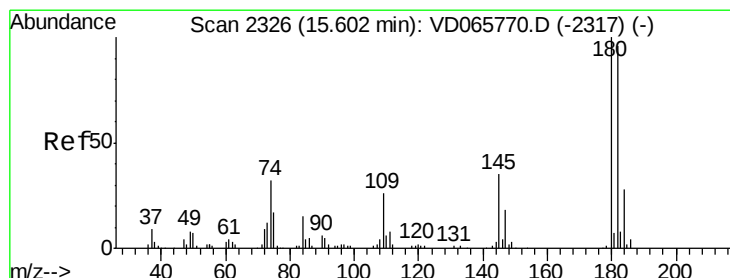
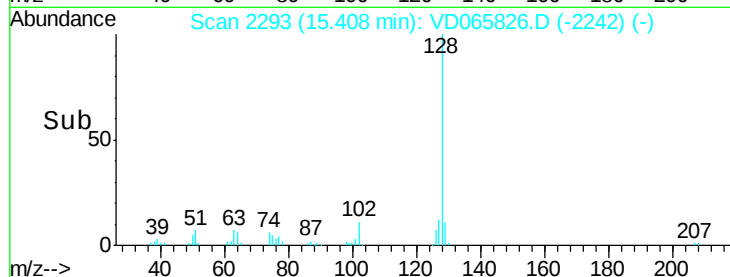
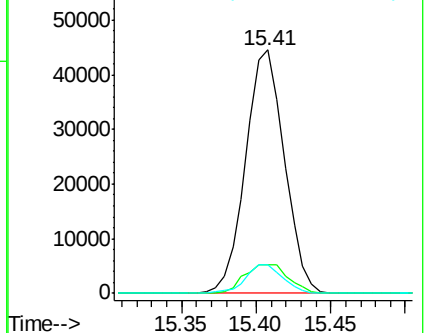
129 11.3 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.628 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD065826.D

Acq: 19 Jun 2020 14:01

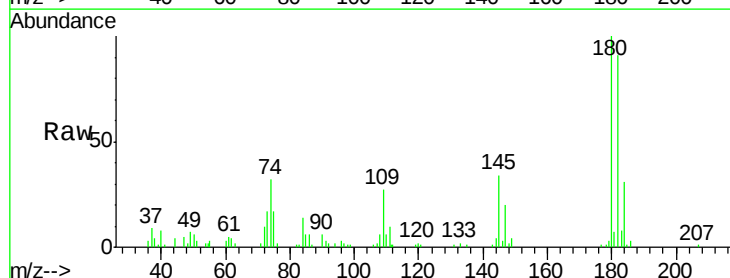
Tgt Ion:180 Resp: 41596

Ion Ratio Lower Upper

180 100

182 96.0 47.0 141.2

145 33.1 16.2 48.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

