

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072120\
 Data File : VD065979.D
 Acq On : 21 Jul 2020 14:49
 Operator : VA/SY
 Sample : VD0721SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBS01

Quant Time: Jul 21 16:47:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	385040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	560348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	514439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	260626	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	158610	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
35) Dibromofluoromethane	7.91	113	171162	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	10.34	98	657252	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.64	95	222681	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	69154	23.666	ug/l	97
3) Chloromethane	2.21	50	54661	22.922	ug/l	98
4) Vinyl Chloride	2.35	62	48590	21.397	ug/l	99
5) Bromomethane	2.76	94	34444	18.397	ug/l	93
6) Chloroethane	2.92	64	29939	22.086	ug/l	92
7) Trichlorofluoromethane	3.27	101	119904	21.708	ug/l	93
8) Diethyl Ether	3.70	74	33647	22.038	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	75079	22.512	ug/l	100
10) Methyl Iodide	4.30	142	70929	26.155	ug/l	96
11) Tert butyl alcohol	5.22	59	25050	112.126	ug/l #	92
12) 1,1-Dichloroethene	4.06	96	69533	21.841	ug/l	93
13) Acrolein	3.91	56	25366	96.096	ug/l	97
14) Allyl chloride	4.71	41	106803	21.462	ug/l	98
15) Acrylonitrile	5.41	53	67545	103.556	ug/l	97
16) Acetone	4.16	43	59863	94.396	ug/l	97
17) Carbon Disulfide	4.41	76	224331	21.724	ug/l	97
18) Methyl Acetate	4.72	43	27887	18.903	ug/l	93
19) Methyl tert-butyl Ether	5.48	73	140462	21.474	ug/l	98
20) Methylene Chloride	4.96	84	89276	23.913	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	79093	21.982	ug/l	95
22) Diisopropyl ether	6.36	45	210088	22.221	ug/l	97
23) Vinyl Acetate	6.30	43	585795	109.865	ug/l	98
24) 1,1-Dichloroethane	6.27	63	128802	22.484	ug/l	96
25) 2-Butanone	7.21	43	85830	101.997	ug/l	99
26) 2,2-Dichloropropane	7.21	77	115471	22.415	ug/l	99
27) cis-1,2-Dichloroethene	7.20	96	82909	21.763	ug/l	97
28) Bromochloromethane	7.54	49	52825	21.727	ug/l	99
29) Tetrahydrofuran	7.56	42	54400	104.776	ug/l	97
30) Chloroform	7.71	83	132237	22.068	ug/l	91
31) Cyclohexane	7.99	56	120658	21.409	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	123982	22.368	ug/l	98
36) 1,1-Dichloropropene	8.11	75	104850	21.925	ug/l	98
37) Ethyl Acetate	7.29	43	39876	21.833	ug/l	96
38) Carbon Tetrachloride	8.10	117	113882	21.947	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	129069	22.286	ug/l	94
40) Benzene	8.35	78	298182	22.287	ug/l	97
41) Methacrylonitrile	7.53	41	23657	22.611	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	77959	21.264	ug/l	100
43) Isopropyl Acetate	8.45	43	76510	21.449	ug/l	98
44) Trichloroethene	9.11	130	89100	22.007	ug/l	88
45) 1,2-Dichloropropane	9.38	63	73043	22.542	ug/l	96
46) Dibromomethane	9.48	93	37398	21.439	ug/l	97
47) Bromodichloromethane	9.66	83	100959	21.889	ug/l	96
48) Methyl methacrylate	9.46	41	35127	19.522	ug/l	90
49) 1,4-Dioxane	9.46	88	9453	467.749	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	189714	105.553	ug/l	98
52) Toluene	10.40	92	195640	22.423	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	93211	21.692	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	114832	22.046	ug/l	97
55) 1,1,2-Trichloroethane	10.81	97	54332	21.961	ug/l	89
56) Ethyl methacrylate	10.66	69	61482	21.375	ug/l	93
57) 1,3-Dichloropropane	10.95	76	89634	21.886	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	149682	108.935	ug/l	98
59) 2-Hexanone	10.99	43	131466	105.551	ug/l	98
60) Dibromochloromethane	11.14	129	73152	21.930	ug/l	98
61) 1,2-Dibromoethane	11.25	107	53269	22.332	ug/l	99
64) Tetrachloroethene	10.88	164	77856	22.298	ug/l	98
65) Chlorobenzene	11.67	112	209561	22.249	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	78832	22.666	ug/l	99
67) Ethyl Benzene	11.75	91	367541	22.674	ug/l	98
68) m/p-Xylenes	11.86	106	288578	46.319	ug/l	99
69) o-Xylene	12.18	106	131099	23.135	ug/l	100
70) Styrene	12.20	104	234694	24.105	ug/l	98
71) Bromoform	12.37	173	43727	21.464	ug/l #	99
73) Isopropylbenzene	12.48	105	355371	22.534	ug/l	99
74) N-amyl acetate	12.29	43	69991	21.405	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	55983	21.480	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	70838	36.098	ug/l #	100
77) Bromobenzene	12.77	156	90393	22.428	ug/l	97
78) n-propylbenzene	12.83	91	424742	23.210	ug/l	100
79) 2-Chlorotoluene	12.91	91	234190	22.400	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	298218	23.017	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	18598	21.747	ug/l	97
82) 4-Chlorotoluene	13.01	91	247850	22.460	ug/l	99
83) tert-Butylbenzene	13.23	119	262205	23.126	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	297735	23.292	ug/l	99
85) sec-Butylbenzene	13.41	105	356563	22.832	ug/l	100
86) p-Isopropyltoluene	13.52	119	333248	23.488	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	169039	22.590	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	169210	22.369	ug/l	99
89) n-Butylbenzene	13.85	91	295745	22.418	ug/l	98
90) Hexachloroethane	14.12	117	63219	21.525	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	147331	22.722	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8610	20.157	ug/l	96

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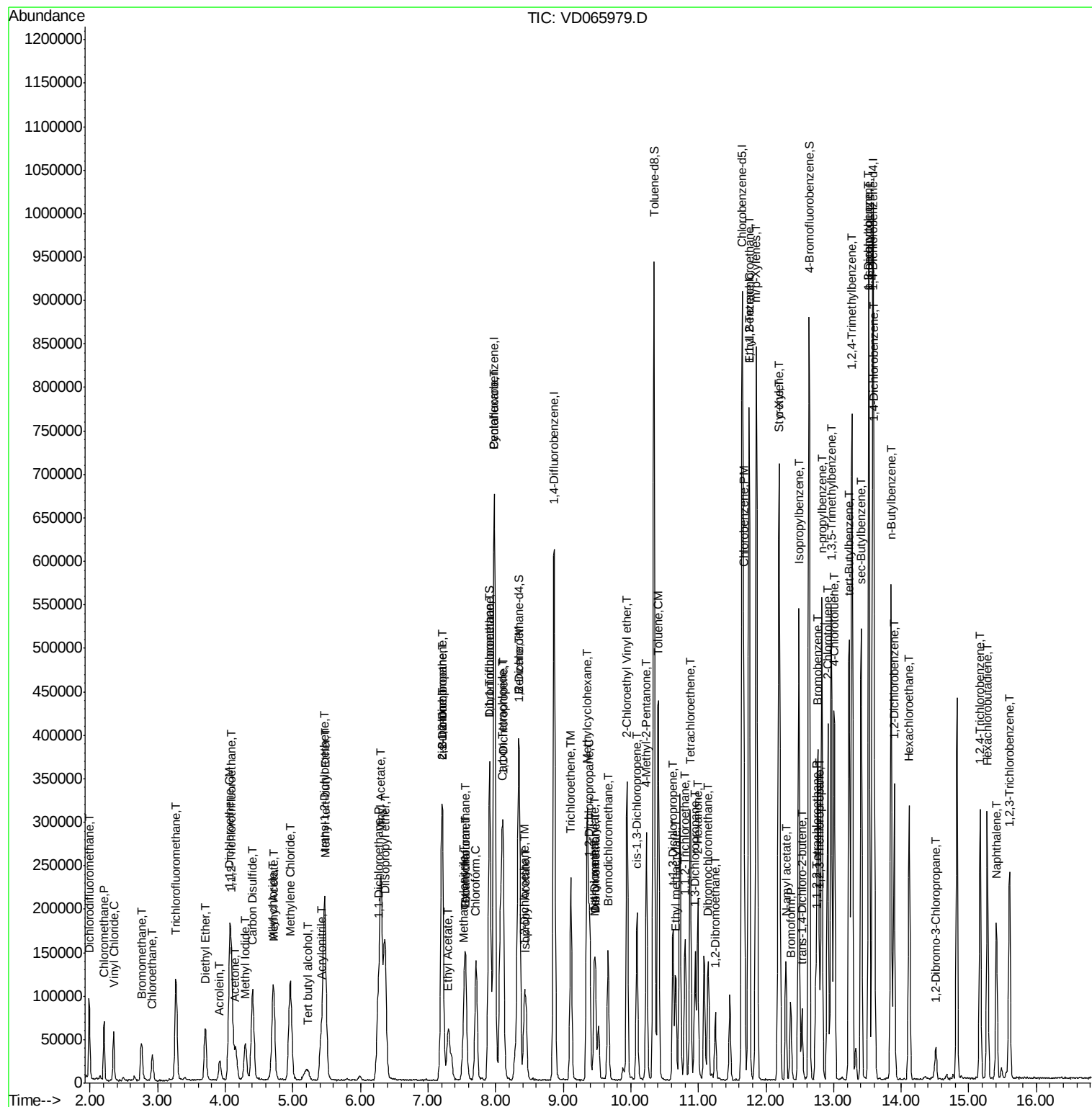
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	106277	22.834	ug/l	99
94) Hexachlorobutadiene	15.27	225	63318	22.005	ug/l	98
95) Naphthalene	15.41	128	161035	21.623	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	92255	22.801	ug/l	97

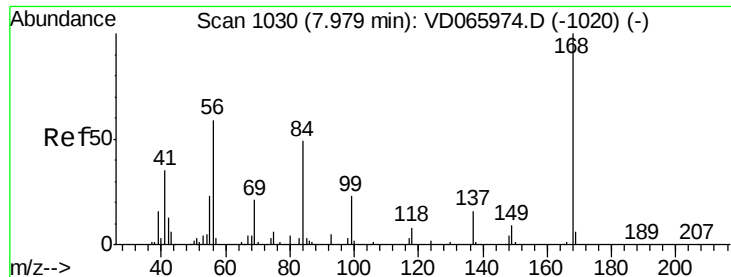
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

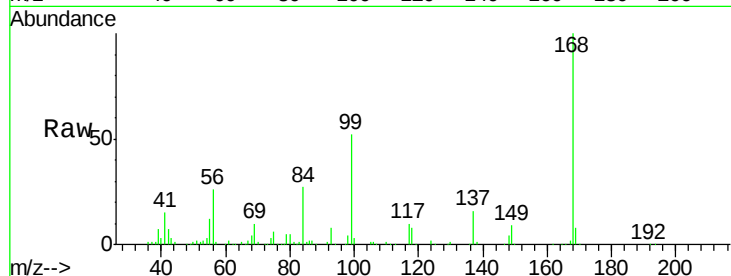
VD0721SBS01

Tgt Ion:168 Resp: 385040

Ion Ratio Lower Upper

168 100

99 52.0 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

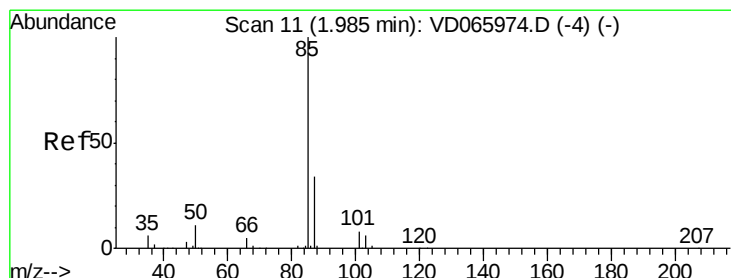
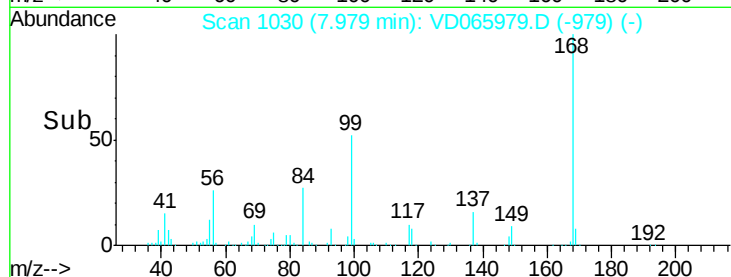
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.666 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065979.D

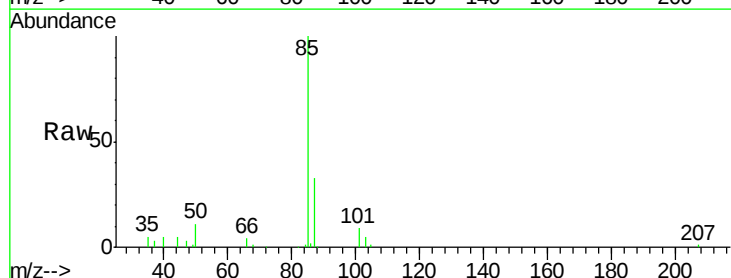
Acq: 21 Jul 2020 14:49

Tgt Ion: 85 Resp: 69154

Ion Ratio Lower Upper

85 100

87 32.6 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

30000

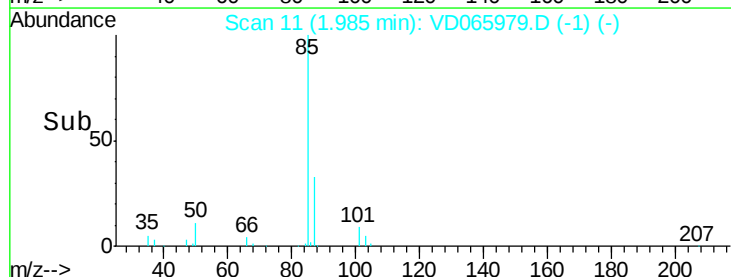
20000

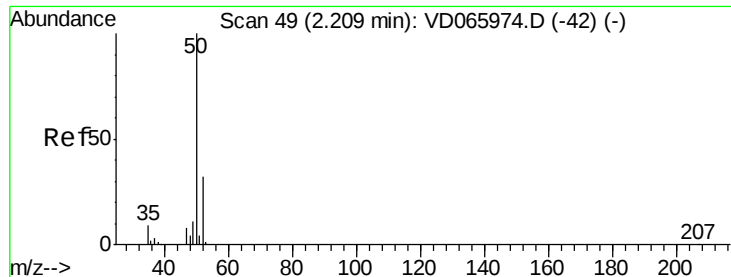
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 22.922 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

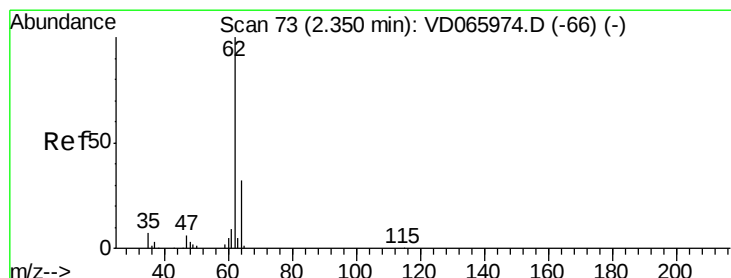
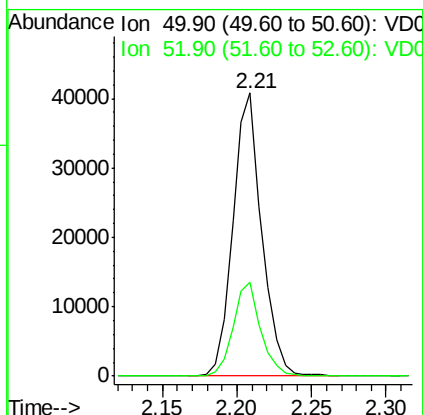
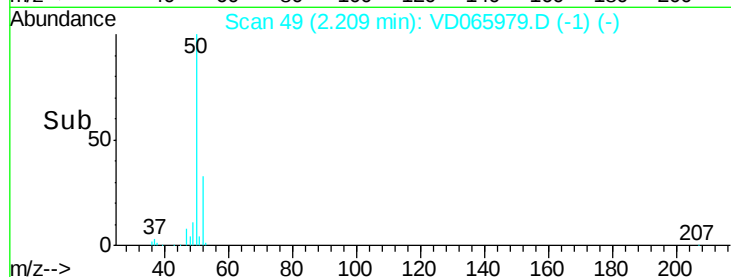
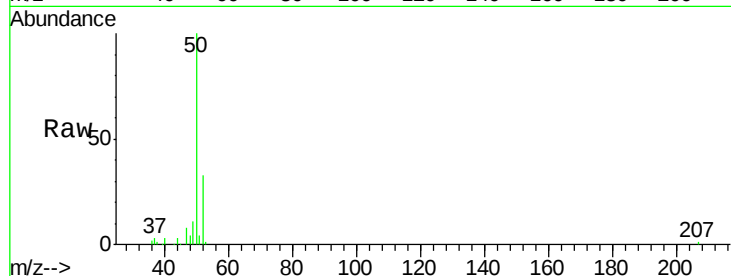
VD0721SBS01

Tgt Ion: 50 Resp: 54661

Ion Ratio Lower Upper

50 100

52 33.3 25.8 38.8



#4

Vinyl Chloride

Concen: 21.397 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065979.D

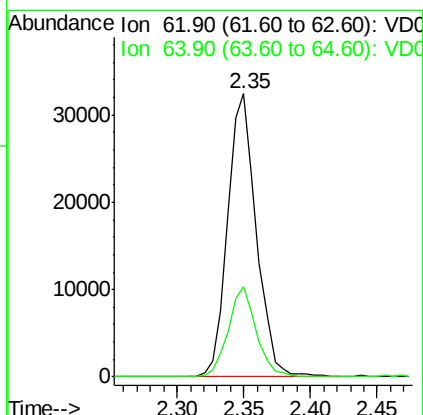
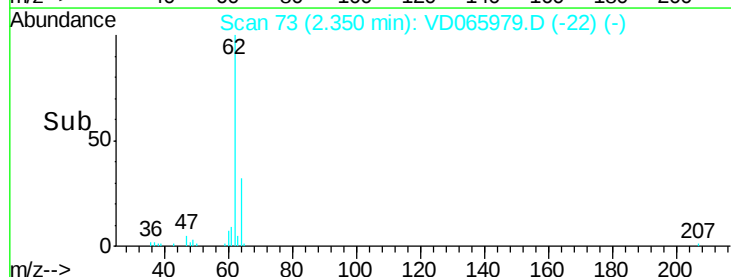
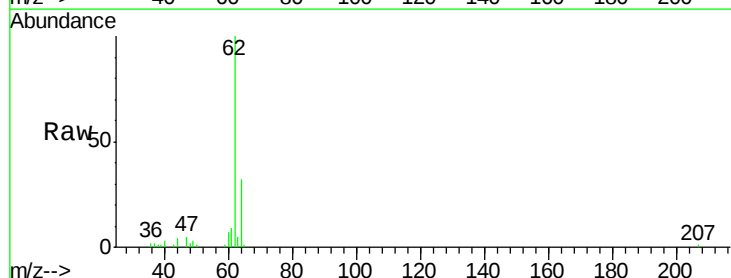
Acq: 21 Jul 2020 14:49

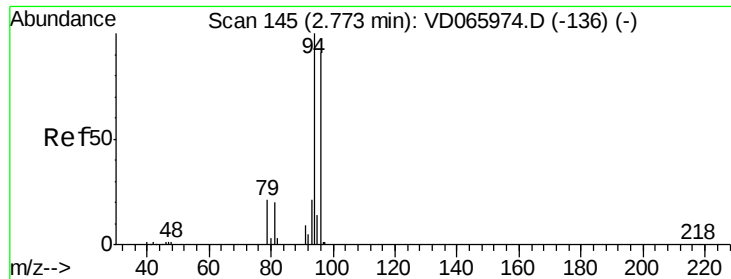
Tgt Ion: 62 Resp: 48590

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.8





#5

Bromomethane

Concen: 18.397 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

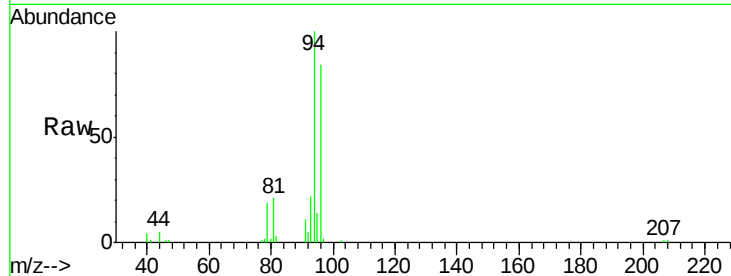
VD0721SBS01

Tgt Ion: 94 Resp: 34444

Ion Ratio Lower Upper

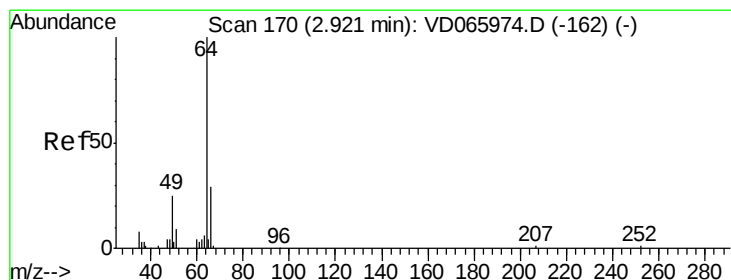
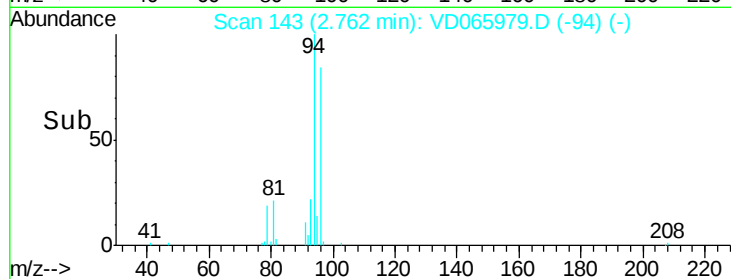
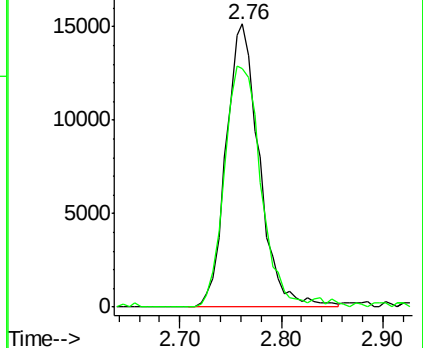
94 100

96 84.3 73.0 109.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 22.086 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD065979.D

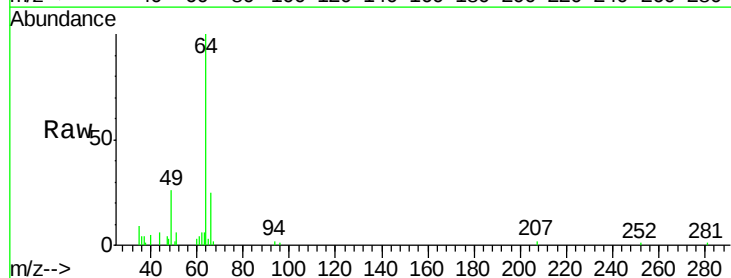
Acq: 21 Jul 2020 14:49

Tgt Ion: 64 Resp: 29939

Ion Ratio Lower Upper

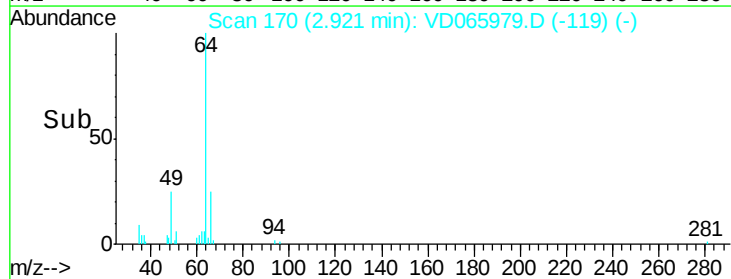
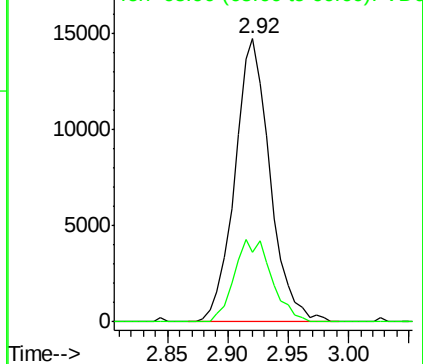
64 100

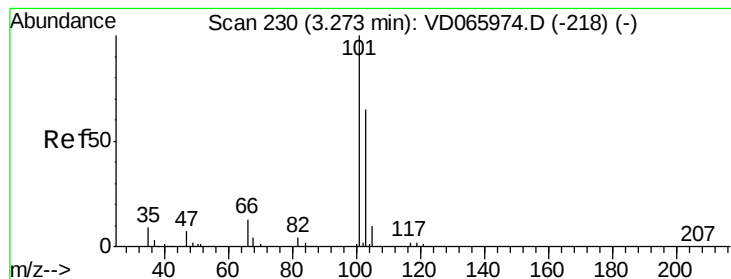
66 24.7 23.4 35.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 21.708 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD065979.D

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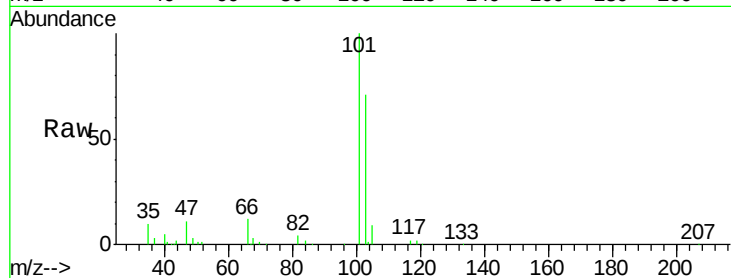
VD0721SBS01

Tgt Ion:101 Resp: 119904

Ion Ratio Lower Upper

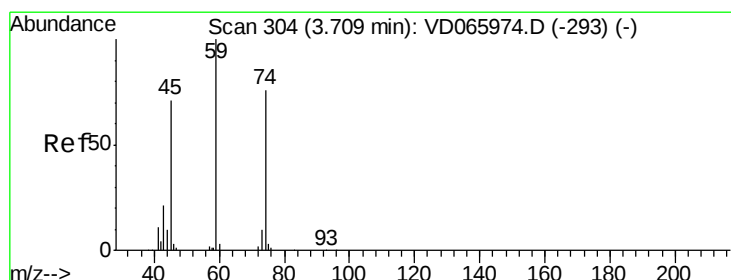
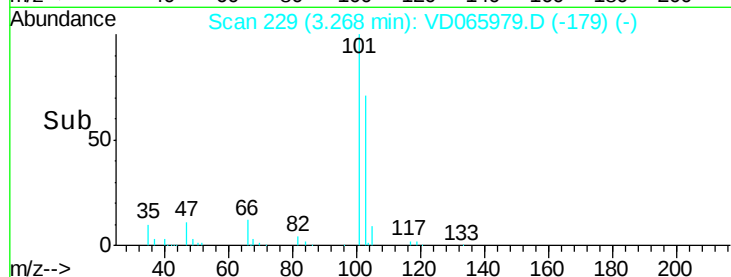
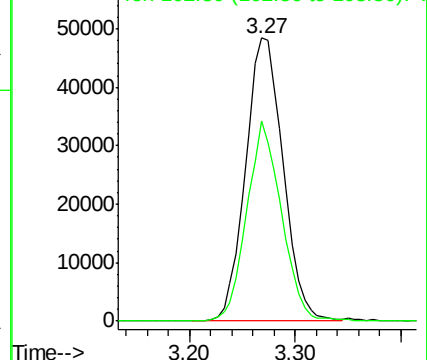
101 100

103 70.5 52.1 78.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 22.038 ug/l

RT: 3.70 min Scan# 303

Delta R.T. -0.01 min

Lab File: VD065979.D

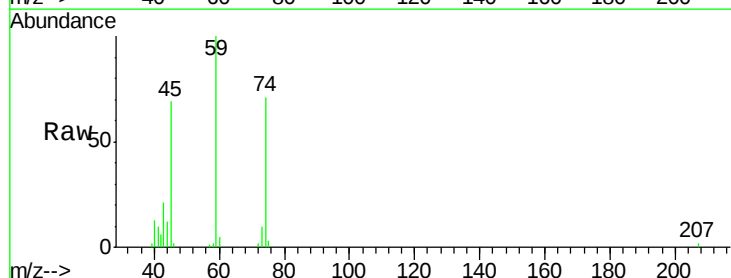
Acq: 21 Jul 2020 14:49

Tgt Ion: 74 Resp: 33647

Ion Ratio Lower Upper

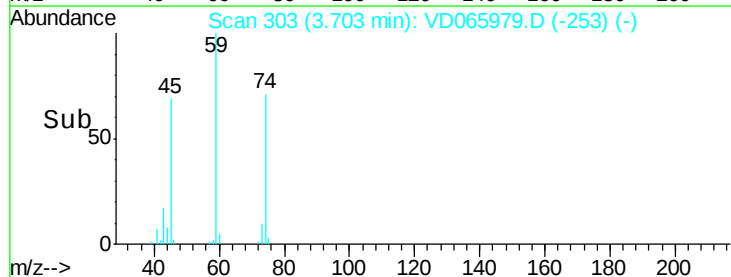
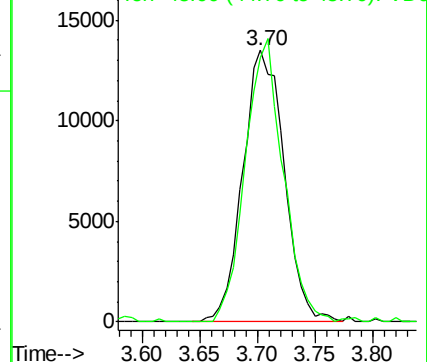
74 100

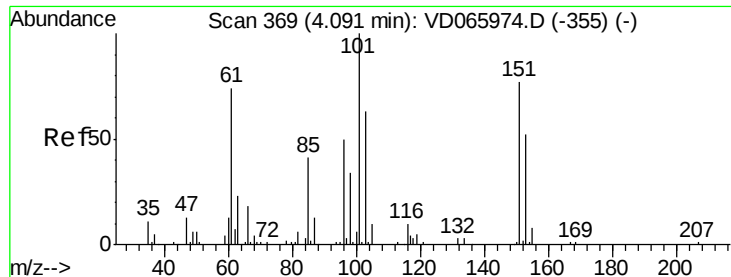
45 95.3 49.9 149.6



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.512 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

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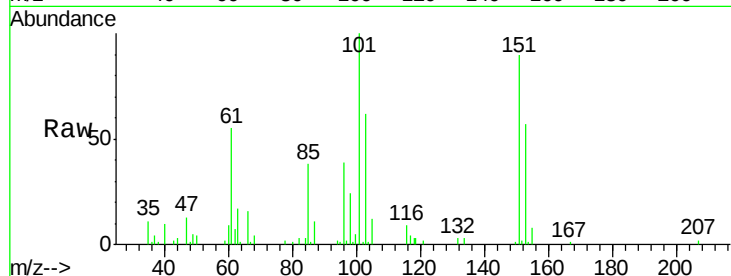
Tgt Ion:101 Resp: 75079

Ion Ratio Lower Upper

101 100

85 42.1 33.6 50.4

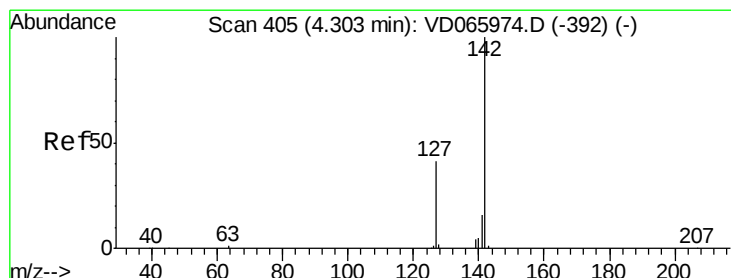
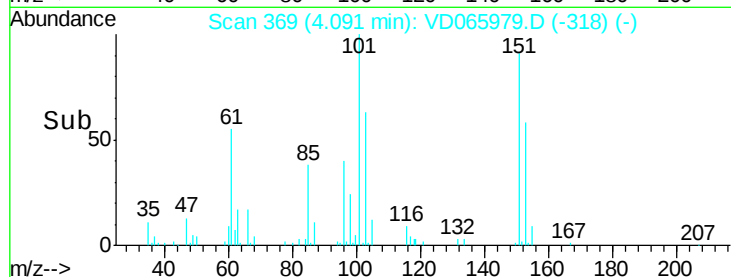
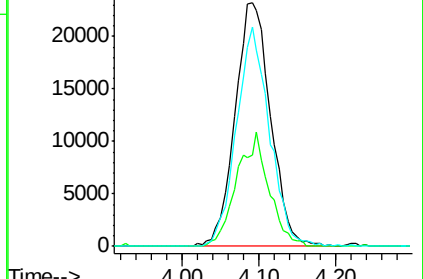
151 83.7 66.6 99.8



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: 26.155 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

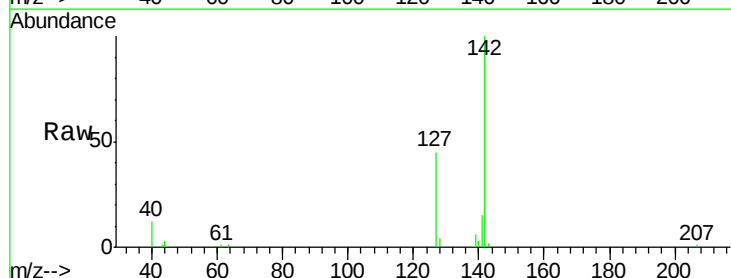
Tgt Ion:142 Resp: 70929

Ion Ratio Lower Upper

142 100

127 44.1 32.9 49.3

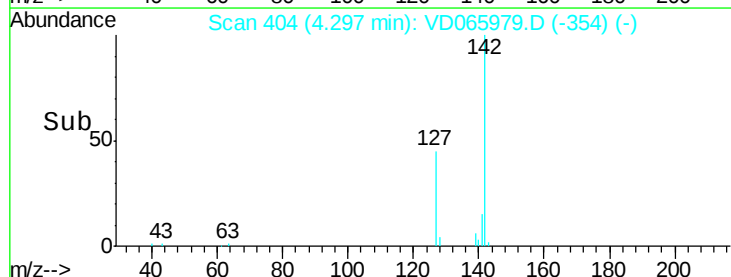
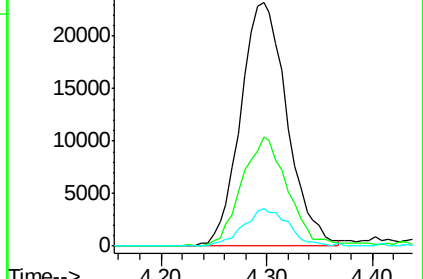
141 14.7 11.8 17.6

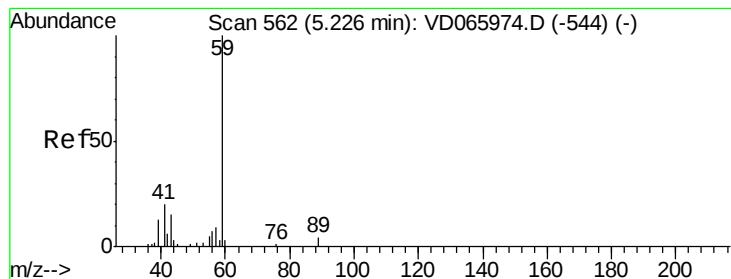


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



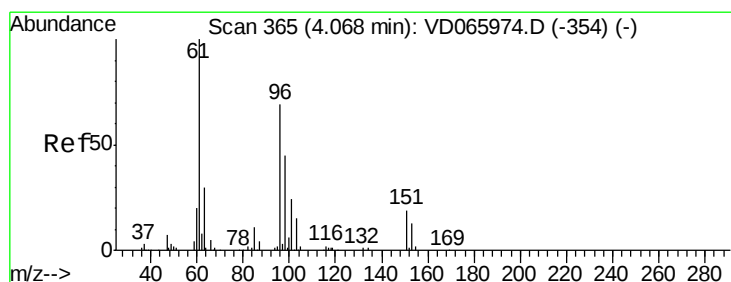
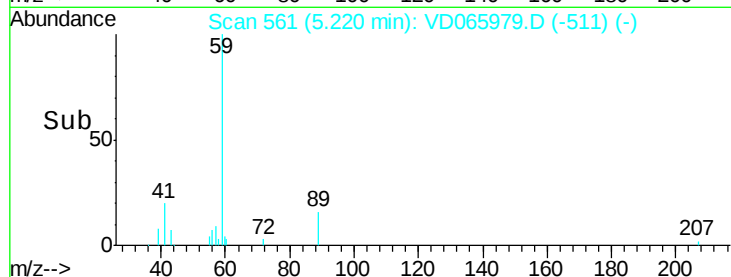
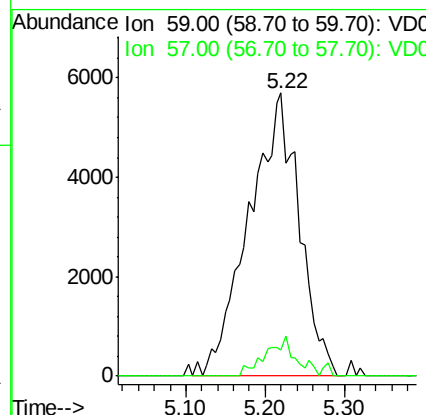
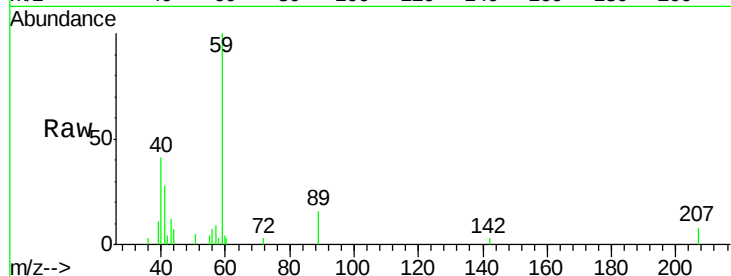


#11

Tert butyl alcohol
 Concen: 112.126 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VD065979.D
 Acq: 21 Jul 2020 14:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBS01

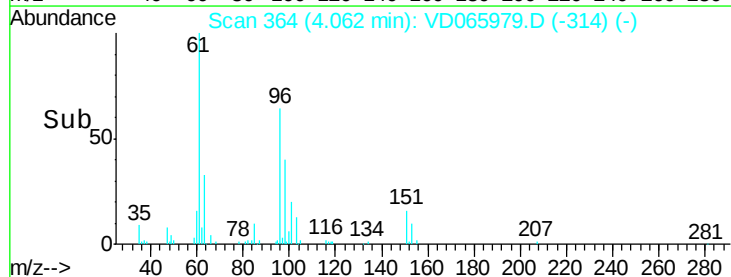
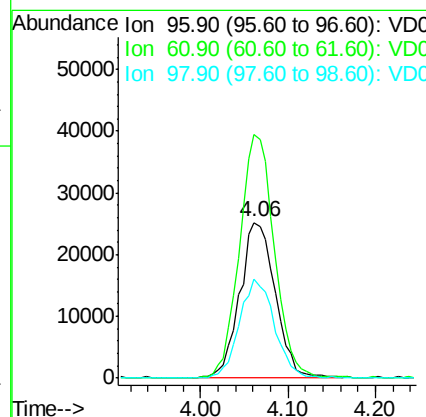
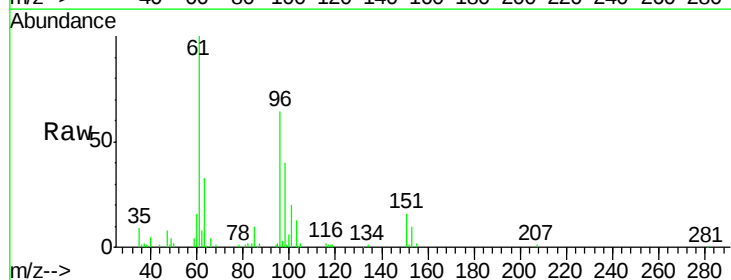
Tgt Ion: 59 Resp: 25050
 Ion Ratio Lower Upper
 59 100
 57 8.3 4.5 6.7#

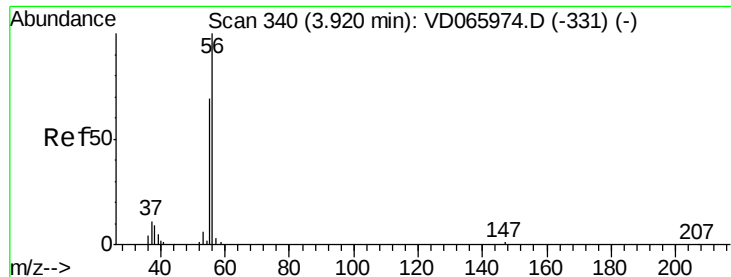


#12

1,1-Dichloroethene
 Concen: 21.841 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD065979.D
 Acq: 21 Jul 2020 14:49

Tgt Ion: 96 Resp: 69533
 Ion Ratio Lower Upper
 96 100
 61 156.6 115.4 173.0
 98 63.3 51.5 77.3





#13

Acrolein

Concen: 96.096 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

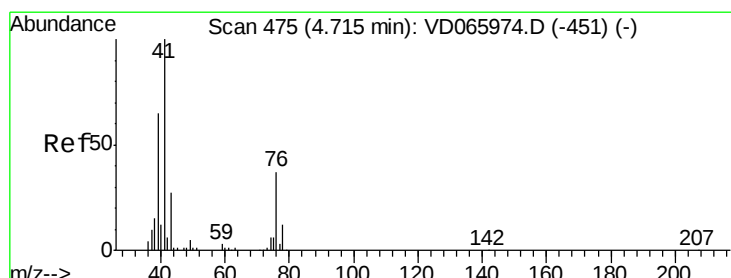
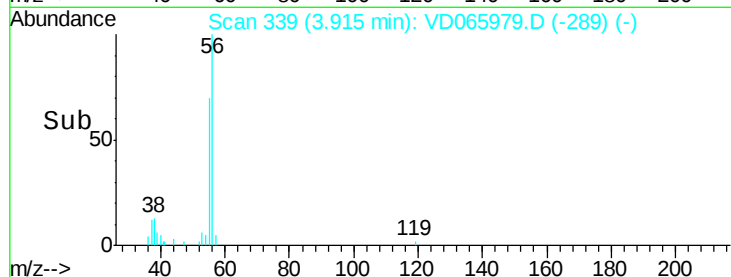
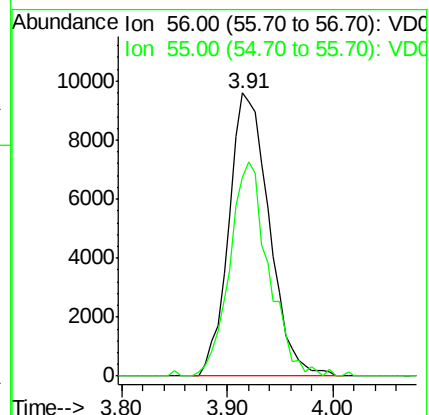
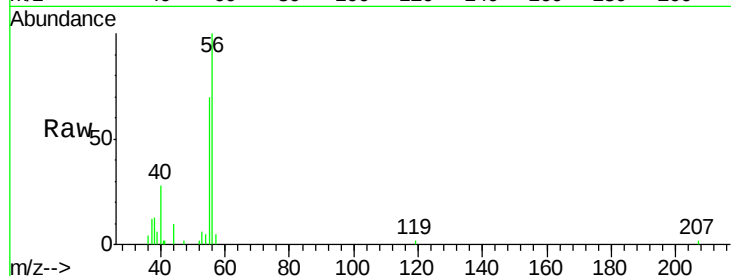
VD0721SBS01

Tgt Ion: 56 Resp: 25366

Ion Ratio Lower Upper

56 100

55 72.6 55.8 83.8



#14

Allyl chloride

Concen: 21.462 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

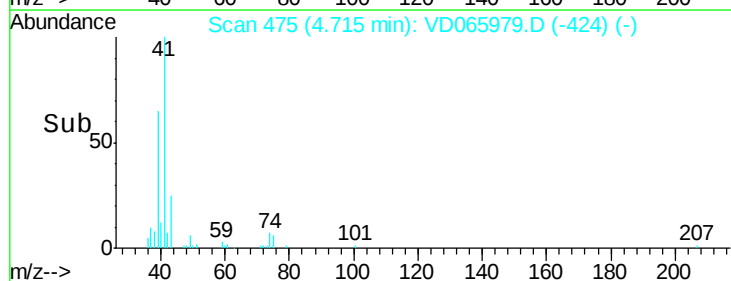
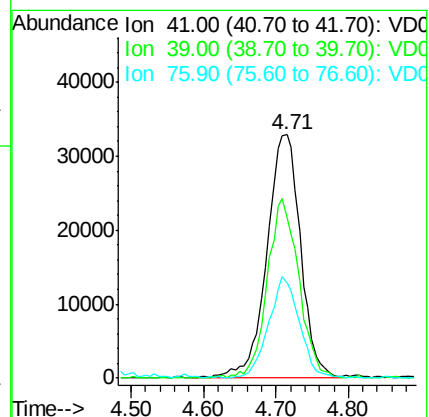
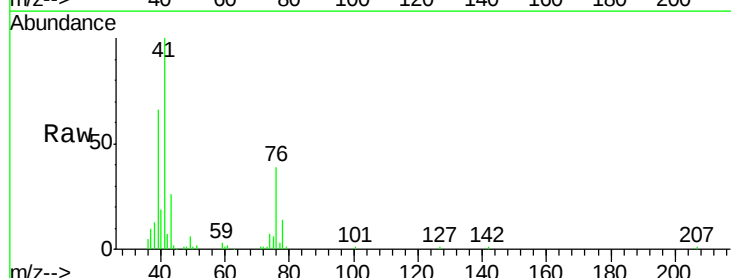
Tgt Ion: 41 Resp: 106803

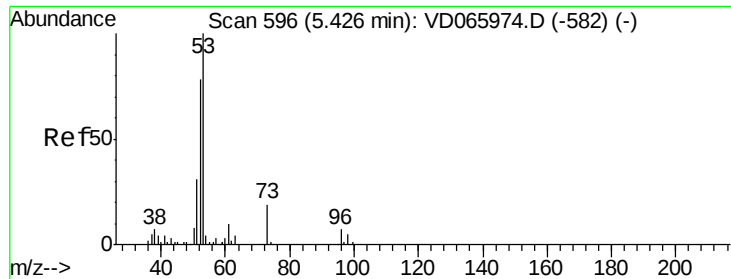
Ion Ratio Lower Upper

41 100

39 68.5 53.4 80.2

76 38.0 29.1 43.7





#15

Acrylonitrile

Concen: 103.556 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

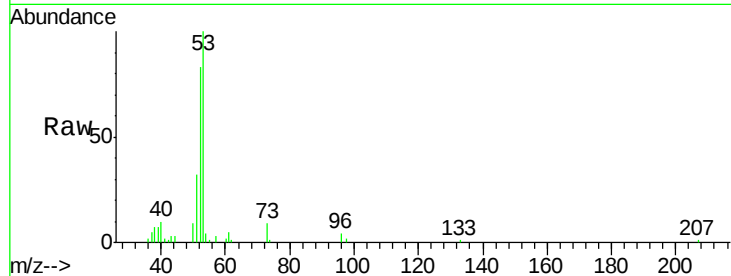
Tgt Ion: 53 Resp: 67545

Ion Ratio Lower Upper

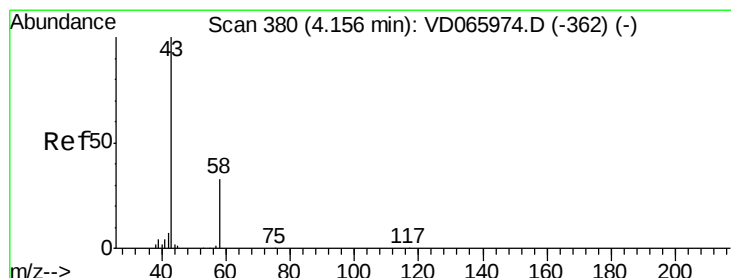
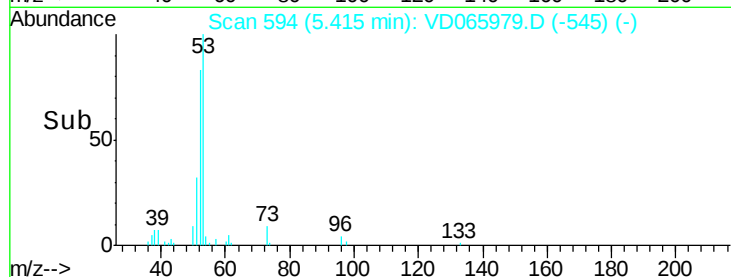
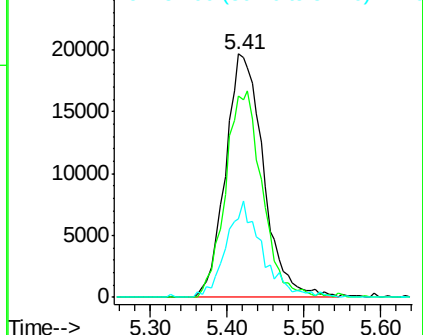
53 100

52 81.8 67.1 100.7

51 37.7 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 94.396 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065979.D

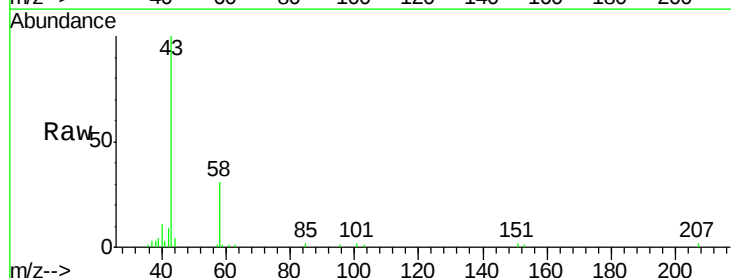
Acq: 21 Jul 2020 14:49

Tgt Ion: 43 Resp: 59863

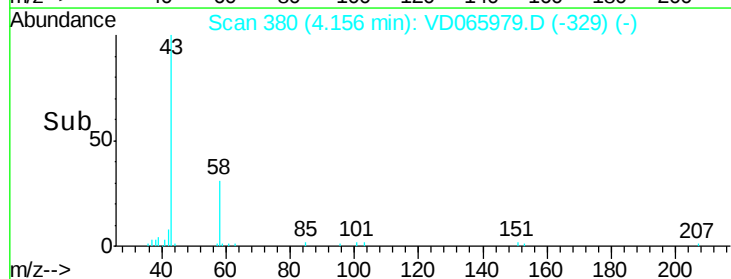
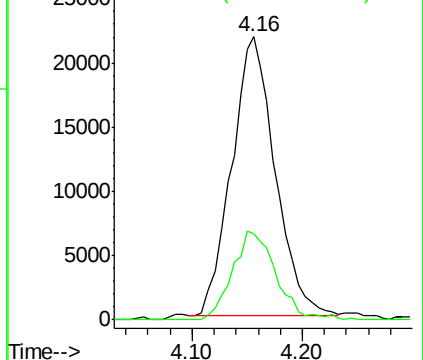
Ion Ratio Lower Upper

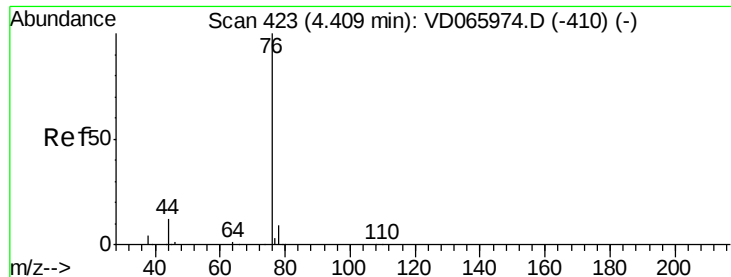
43 100

58 31.0 26.3 39.5



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

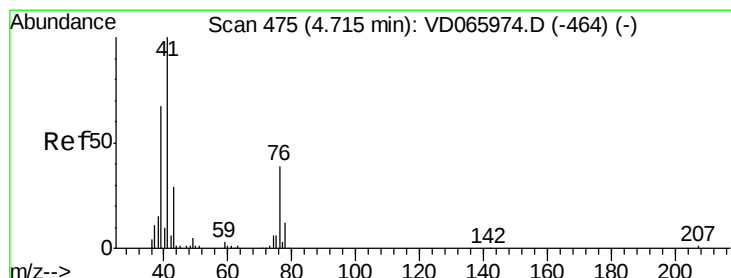
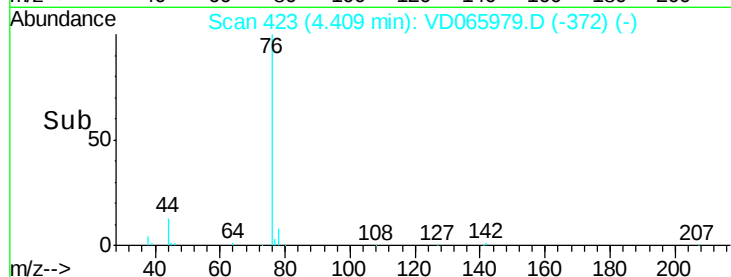
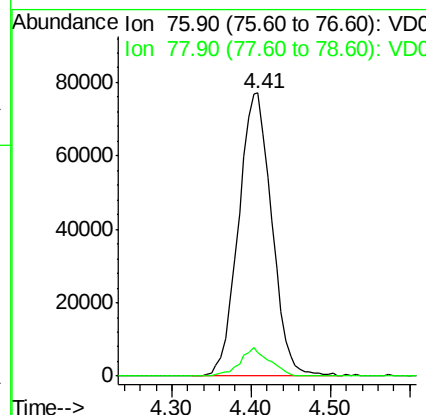
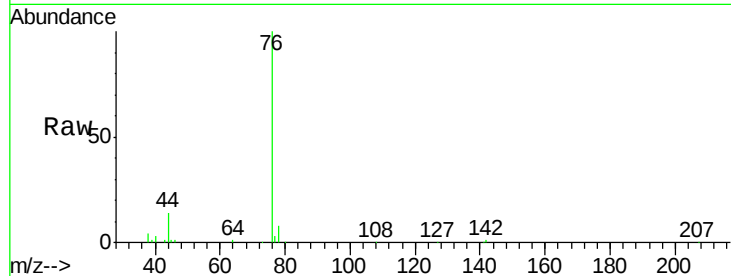




#17
Carbon Disulfide
Concen: 21.724 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD065979.D
Acq: 21 Jul 2020 14:49

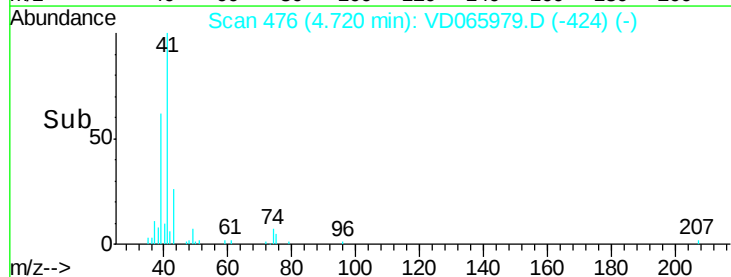
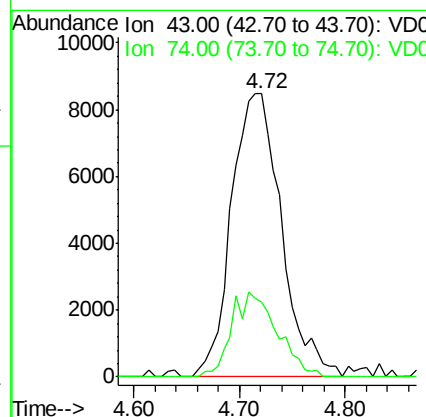
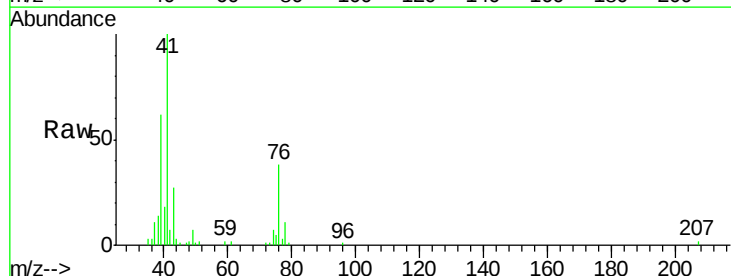
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

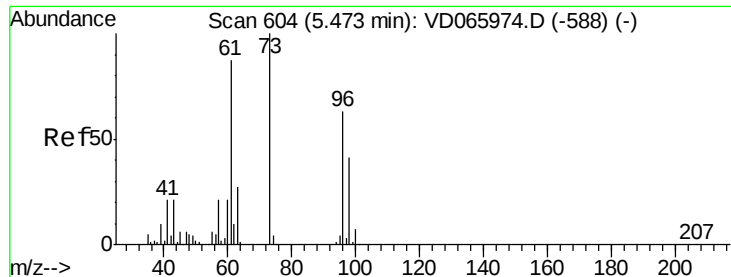
Tgt Ion: 76 Resp: 224331
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2



#18
Methyl Acetate
Concen: 18.903 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD065979.D
Acq: 21 Jul 2020 14:49

Tgt Ion: 43 Resp: 27887
Ion Ratio Lower Upper
43 100
74 27.2 19.2 28.8

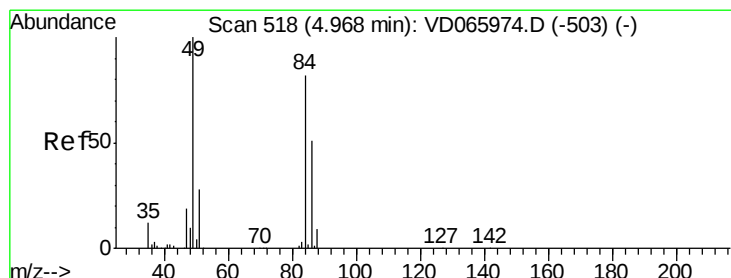
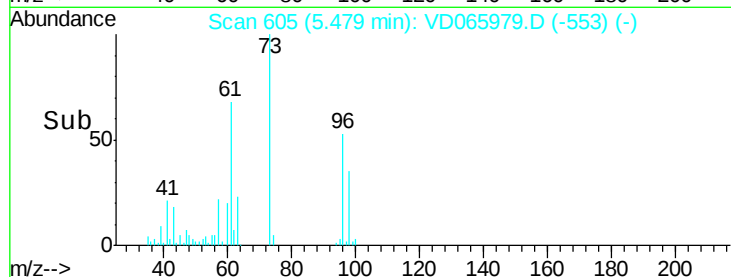
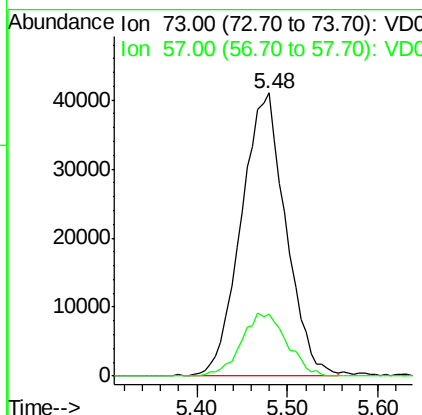
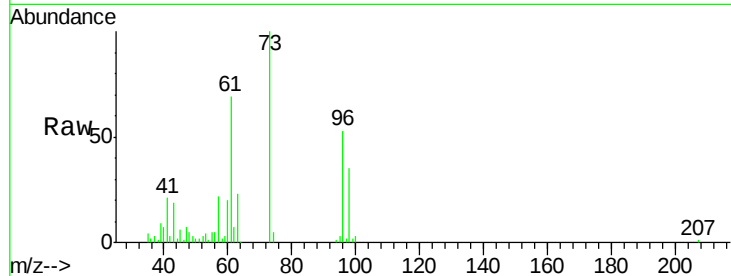




#19
Methyl tert-butyl Ether
Concen: 21.474 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD065979.D
Acq: 21 Jul 2020 14:49

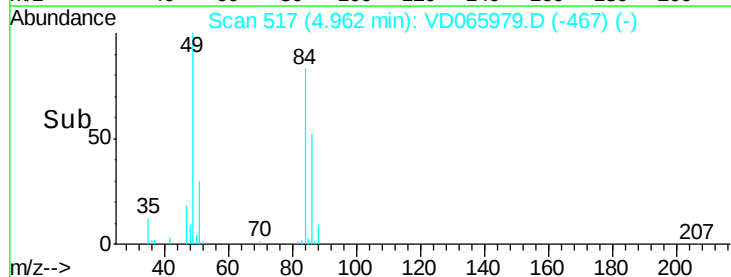
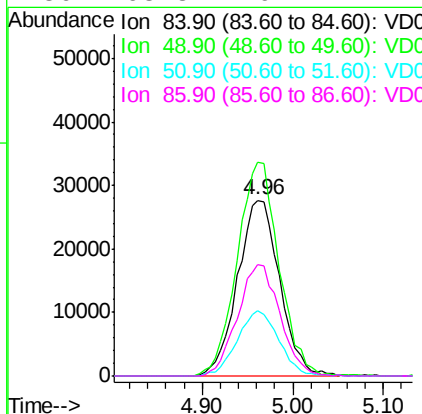
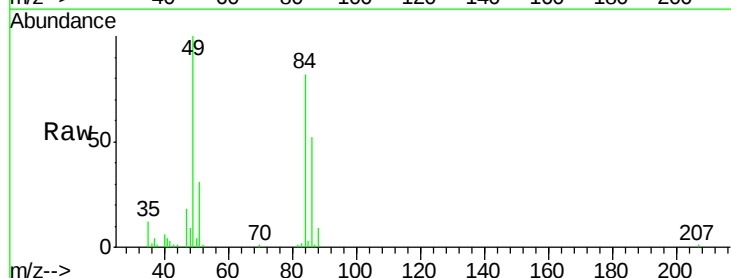
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

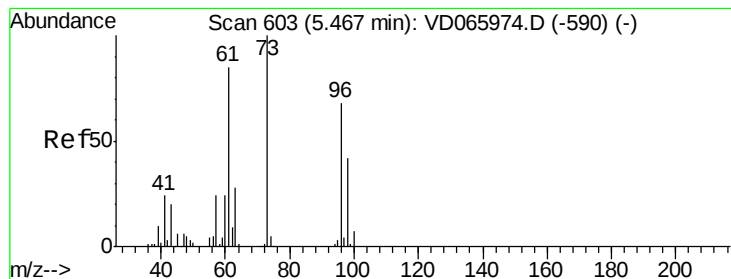
Tgt Ion: 73 Resp: 140462
Ion Ratio Lower Upper
73 100
57 22.1 17.0 25.4



#20
Methylene Chloride
Concen: 23.913 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065979.D
Acq: 21 Jul 2020 14:49

Tgt Ion: 84 Resp: 89276
Ion Ratio Lower Upper
84 100
49 121.6 97.7 146.5
51 37.3 27.4 41.2
86 63.3 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 21.982 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

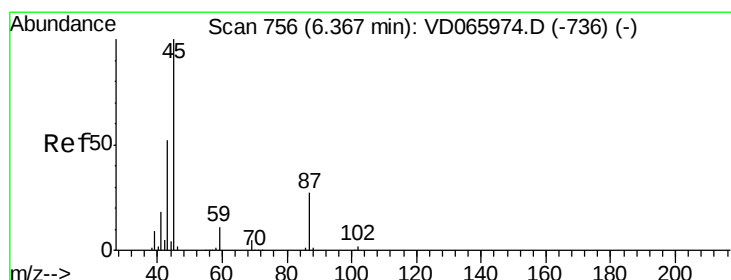
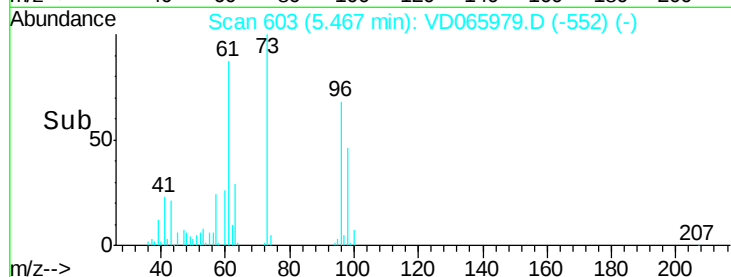
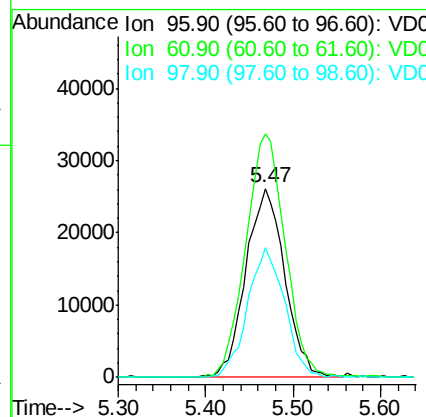
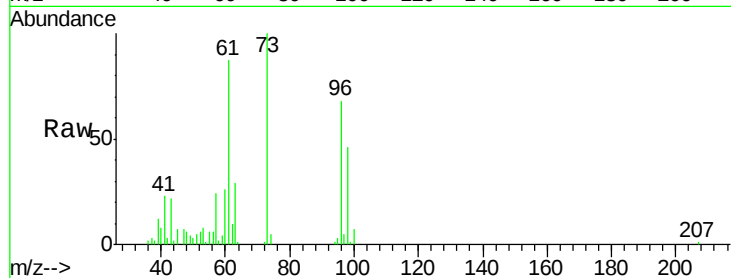
Tgt Ion: 96 Resp: 79093

Ion Ratio Lower Upper

96 100

61 128.8 100.5 150.7

98 68.4 49.7 74.5



#22

Diisopropyl ether

Concen: 22.221 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Tgt Ion: 45 Resp: 210088

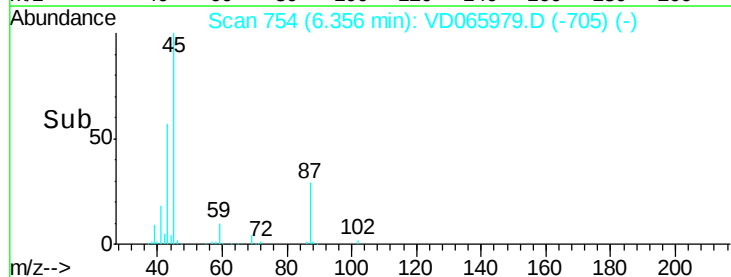
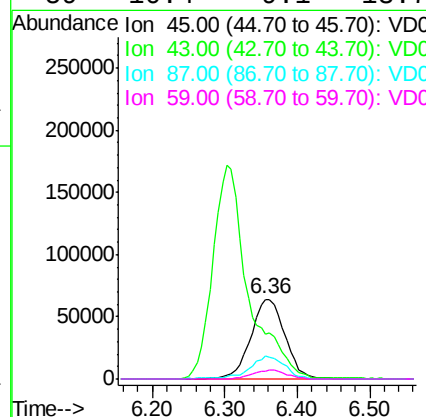
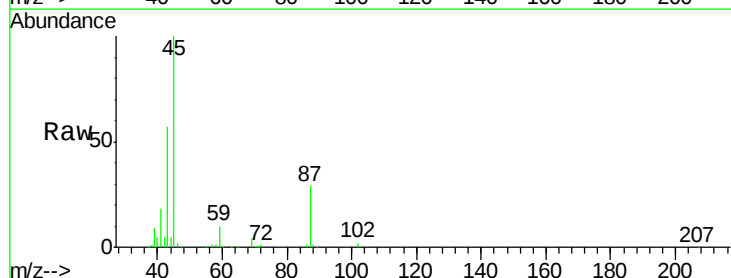
Ion Ratio Lower Upper

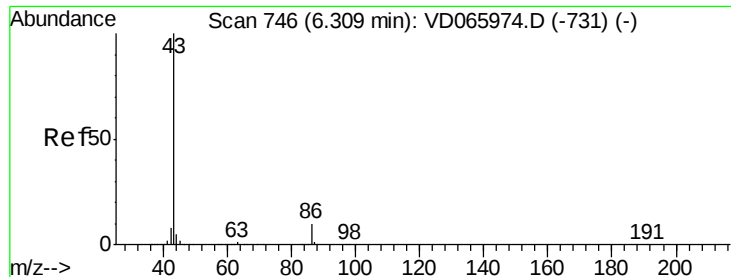
45 100

43 55.8 43.0 64.4

87 28.6 22.0 33.0

59 10.4 9.1 13.7





#23

Vinyl Acetate

Concen: 109.865 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

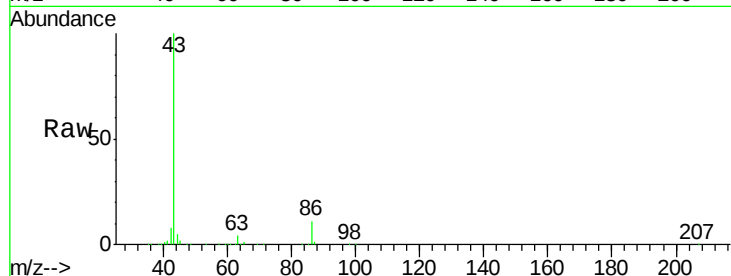
VD0721SBS01

Tgt Ion: 43 Resp: 585795

Ion Ratio Lower Upper

43 100

86 10.7 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

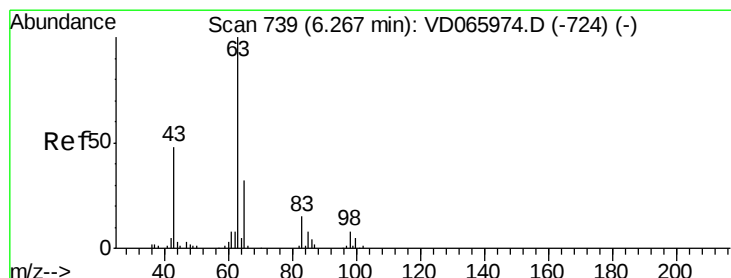
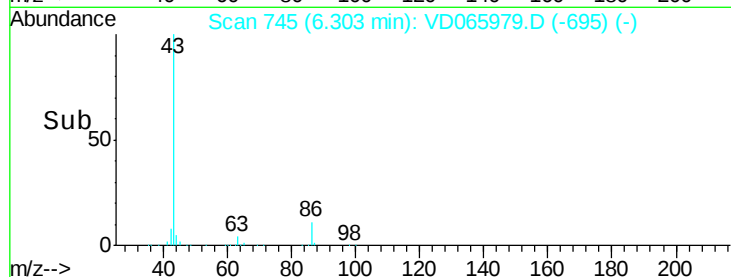
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 22.484 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

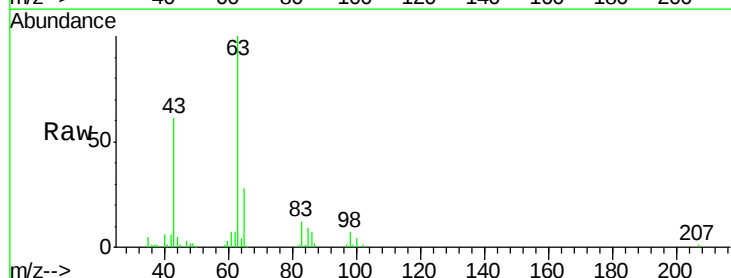
Tgt Ion: 63 Resp: 128802

Ion Ratio Lower Upper

63 100

98 6.6 4.3 12.8

100 4.0 2.5 7.5



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

6.27

50000

40000

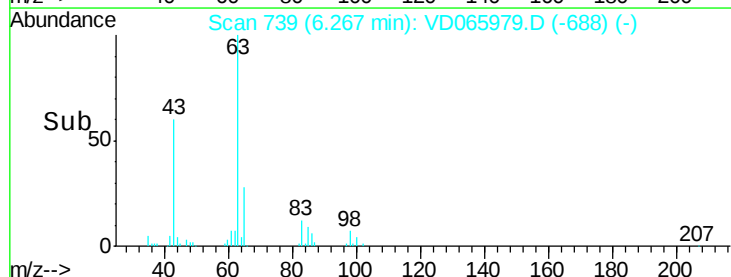
30000

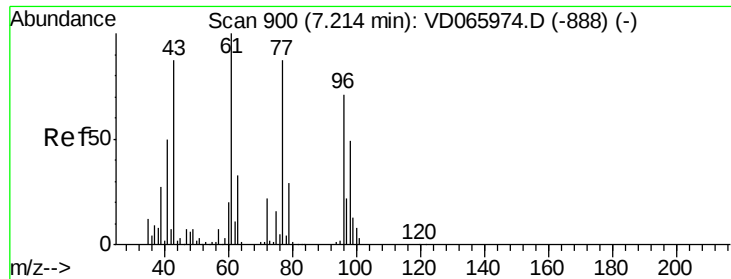
20000

10000

0

Time-->





#25

2-Butanone

Concen: 101.997 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

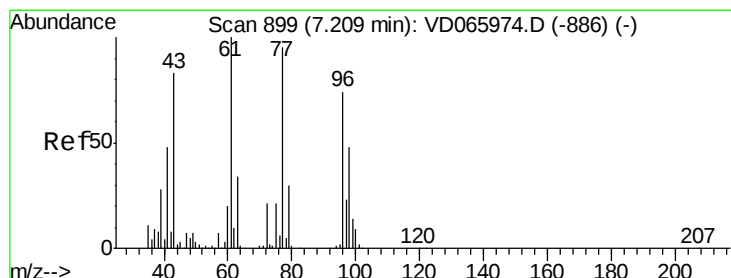
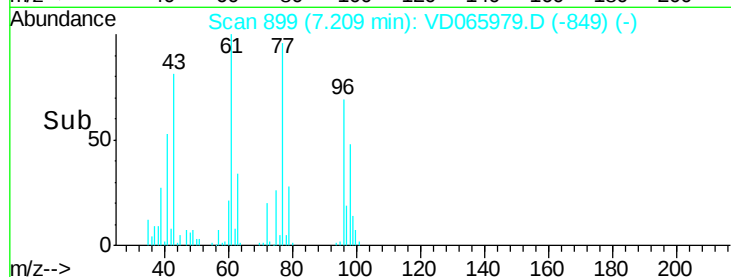
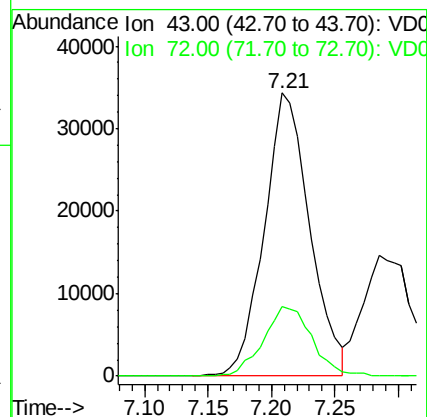
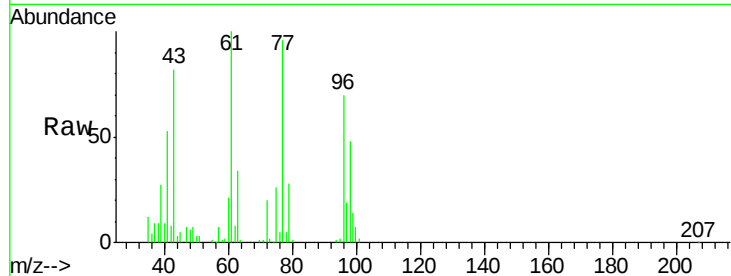
VD0721SBS01

Tgt Ion: 43 Resp: 85830

Ion Ratio Lower Upper

43 100

72 24.6 20.2 30.2



#26

2,2-Dichloropropane

Concen: 22.415 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD065979.D

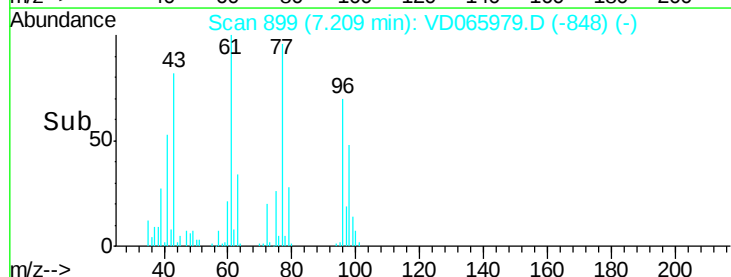
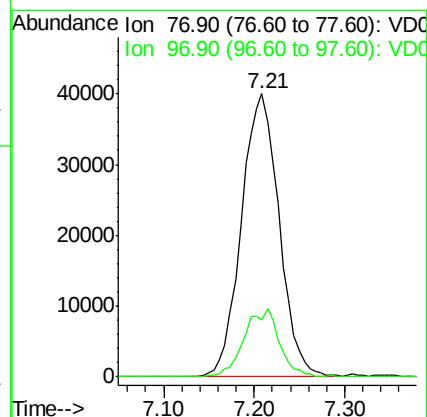
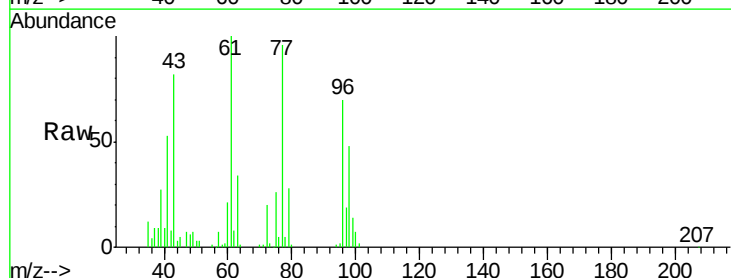
Acq: 21 Jul 2020 14:49

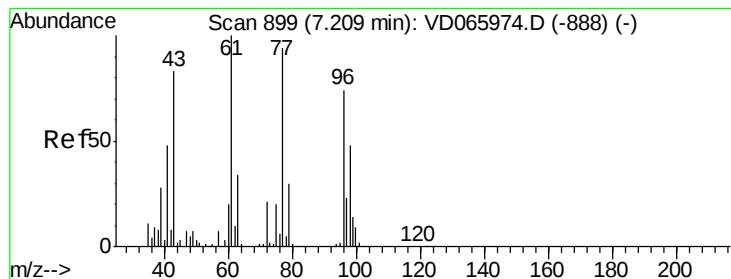
Tgt Ion: 77 Resp: 115471

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.7



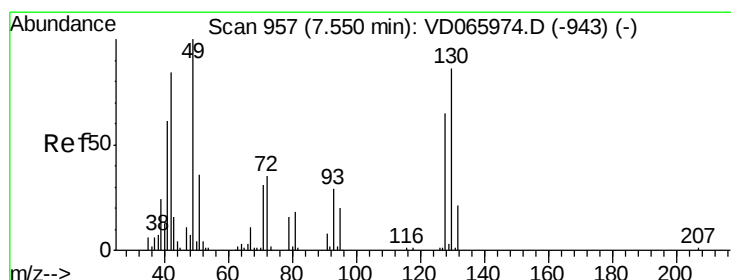
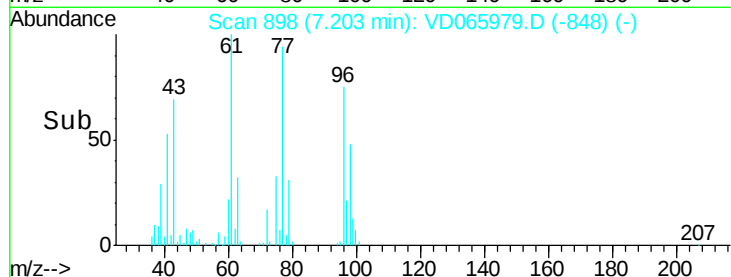
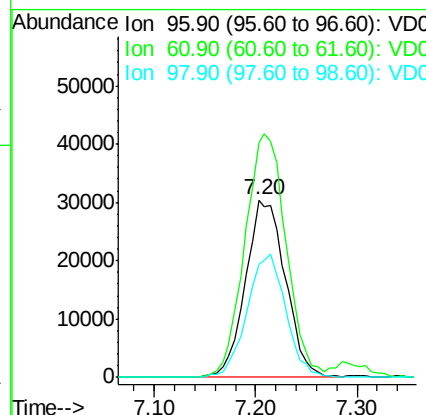
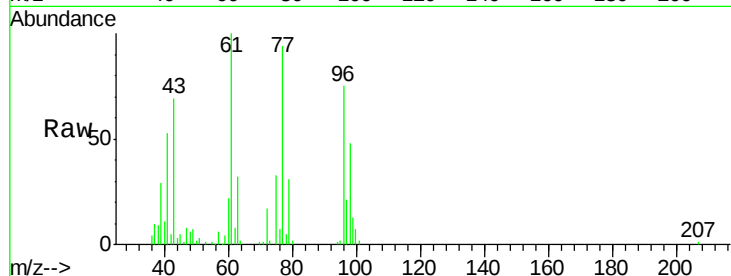


#27

cis-1,2-Dichloroethene
Concen: 21.763 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD065979.D
Acq: 21 Jul 2020 14:49

Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

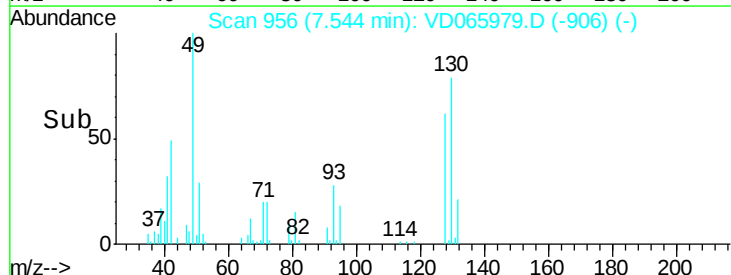
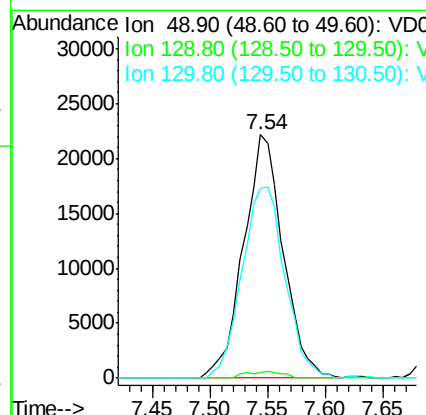
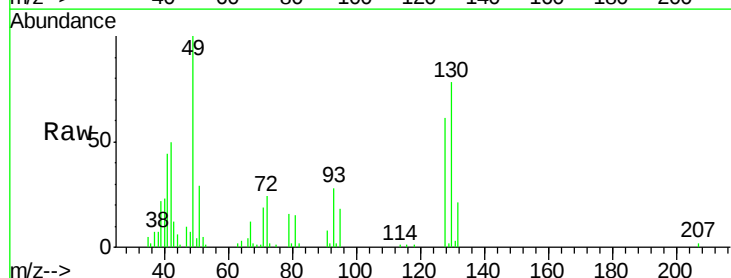
Tgt Ion: 96 Resp: 82909
Ion Ratio Lower Upper
96 100
61 142.2 0.0 276.6
98 67.6 0.0 130.8

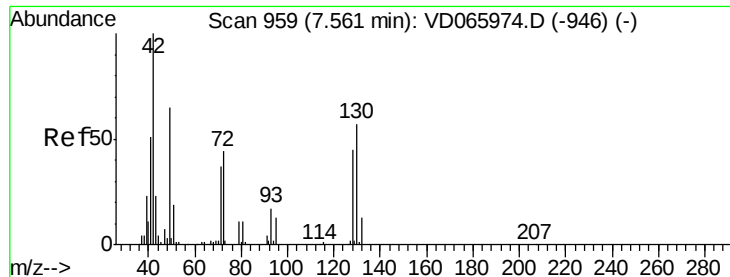


#28

Bromochloromethane
Concen: 21.727 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD065979.D
Acq: 21 Jul 2020 14:49

Tgt Ion: 49 Resp: 52825
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.8
130 85.0 68.4 102.6

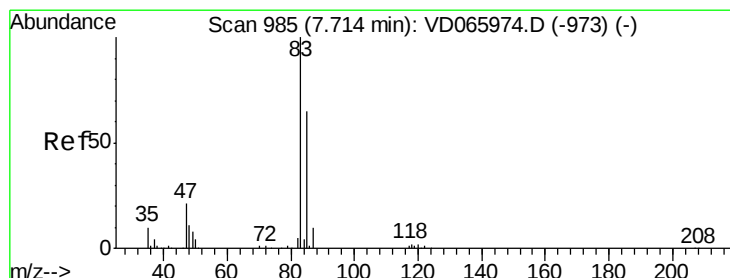
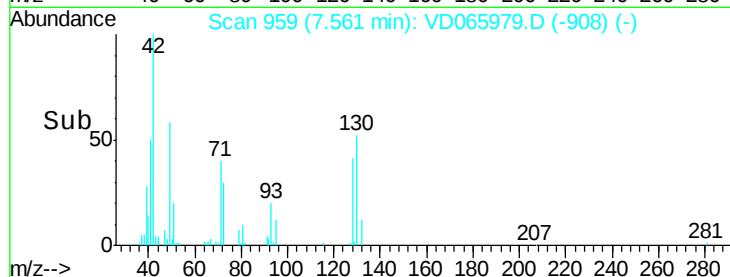
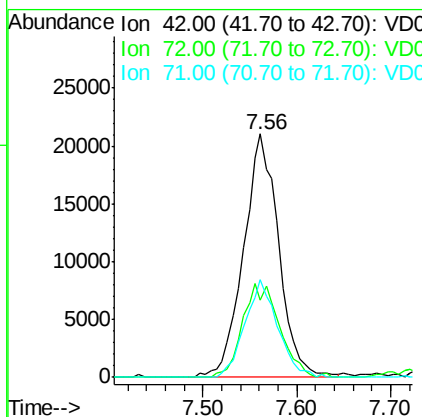
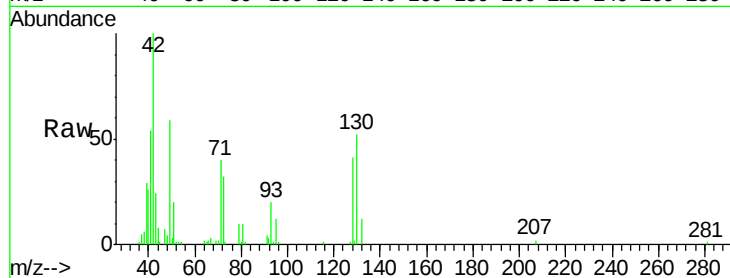




#29
Tetrahydrofuran
Concen: 104.776 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD065979.D
Acq: 21 Jul 2020 14:49

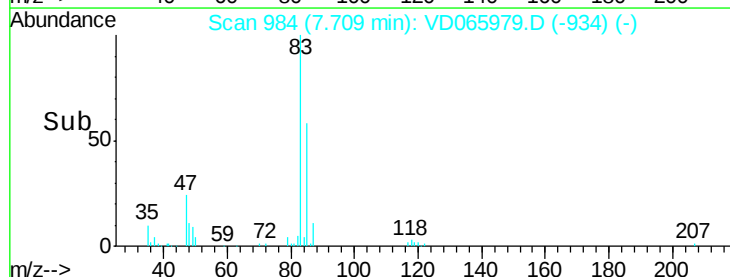
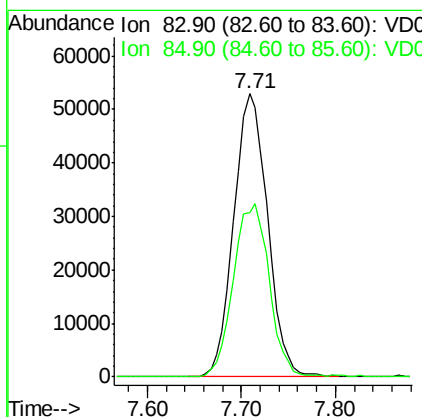
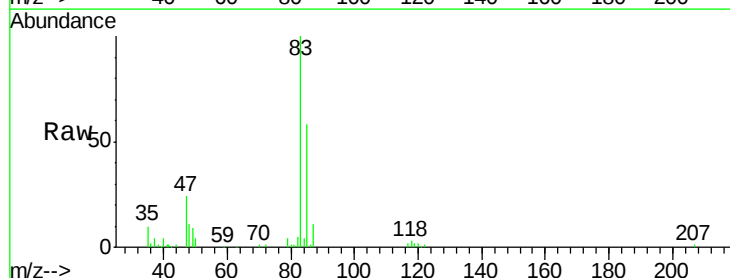
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

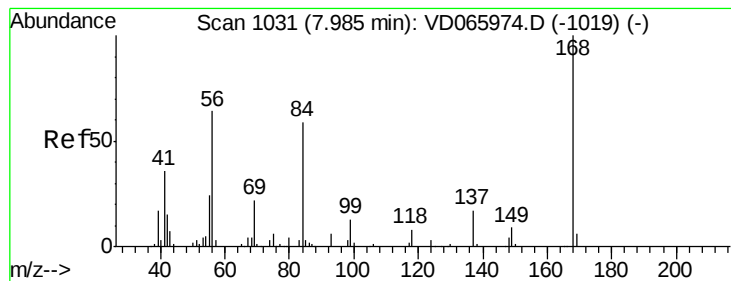
Tgt Ion: 42 Resp: 54400
Ion Ratio Lower Upper
42 100
72 40.3 34.2 51.2
71 37.5 31.4 47.2



#30
Chloroform
Concen: 22.068 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065979.D
Acq: 21 Jul 2020 14:49

Tgt Ion: 83 Resp: 132237
Ion Ratio Lower Upper
83 100
85 57.9 52.1 78.1





#31

Cyclohexane

Concen: 21.409 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

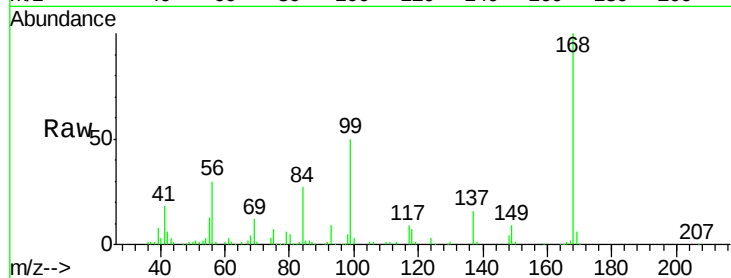
Tgt Ion: 56 Resp: 120658

Ion Ratio Lower Upper

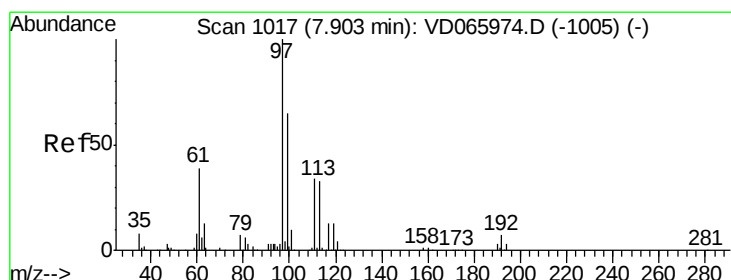
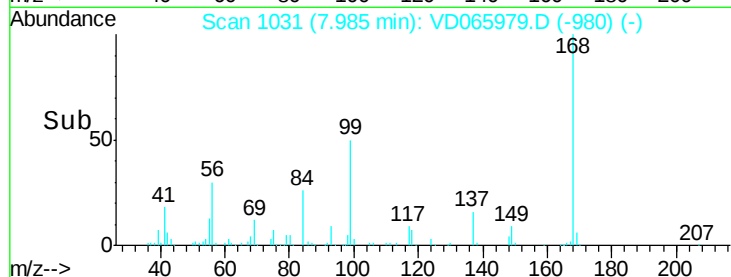
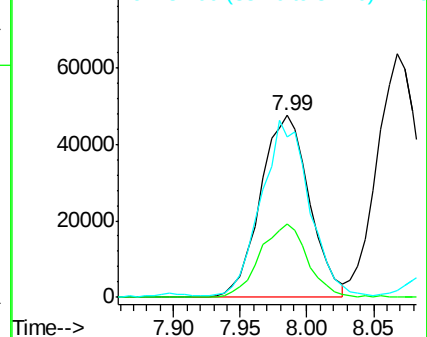
56 100

69 40.6 28.0 42.0

84 86.9 72.6 109.0



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: 22.368 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

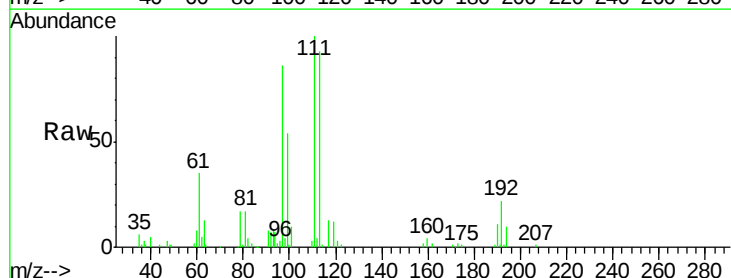
Tgt Ion: 97 Resp: 123982

Ion Ratio Lower Upper

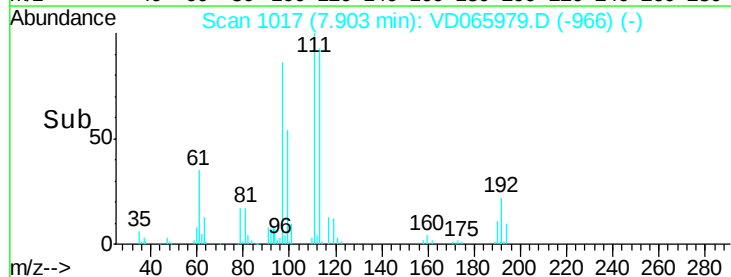
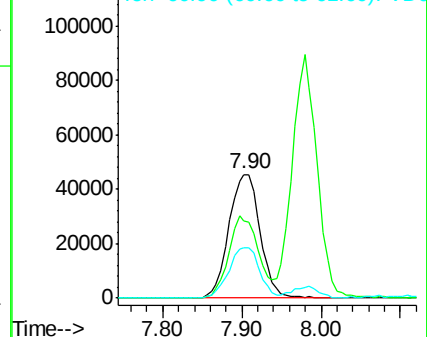
97 100

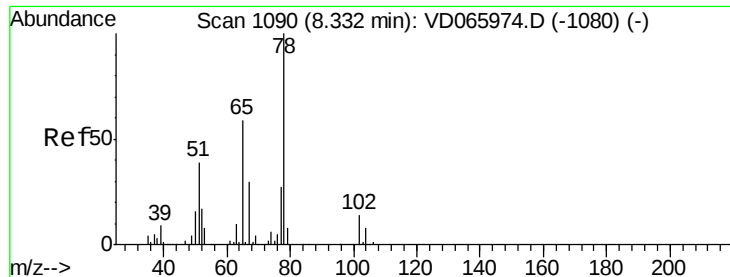
99 63.1 51.8 77.6

61 40.2 33.3 49.9



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: 50.625 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

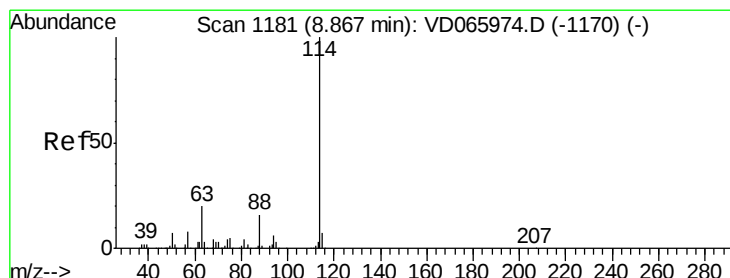
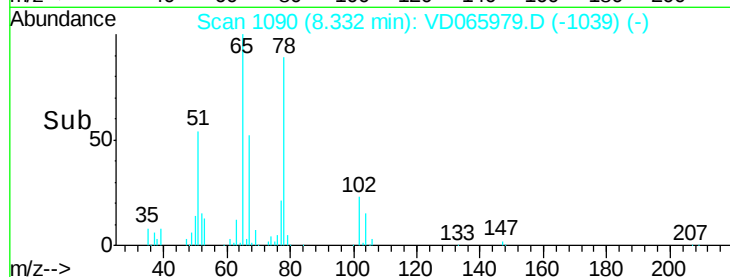
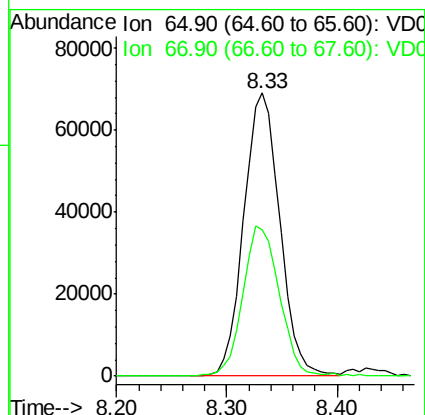
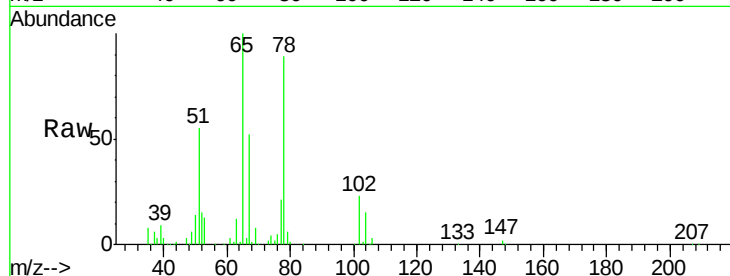
VD0721SBS01

Tgt Ion: 65 Resp: 158610

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

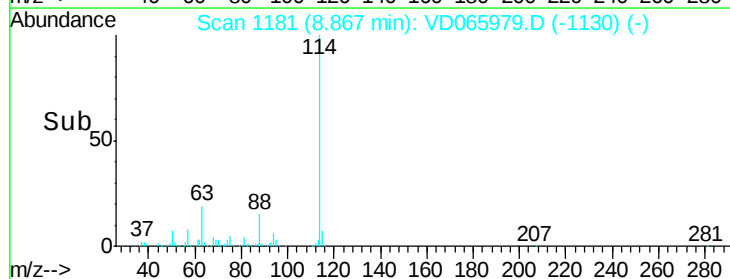
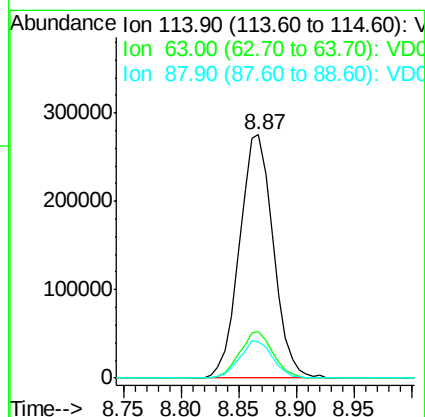
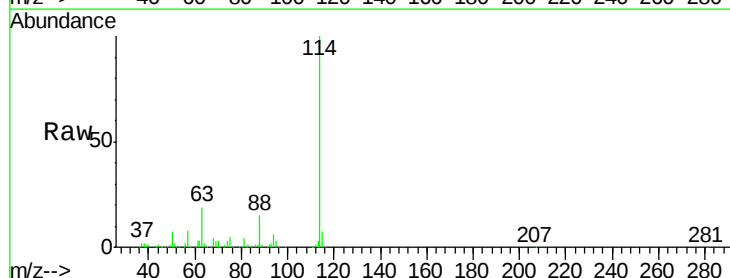
Tgt Ion: 114 Resp: 560348

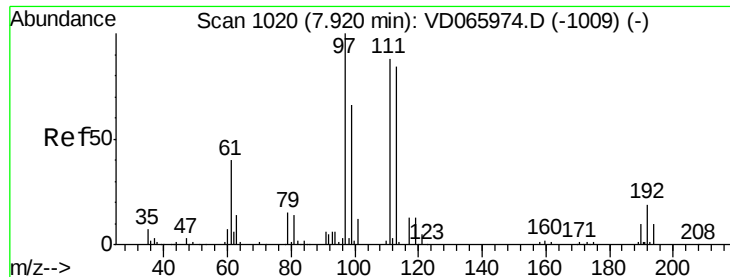
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 14.8 0.0 31.2

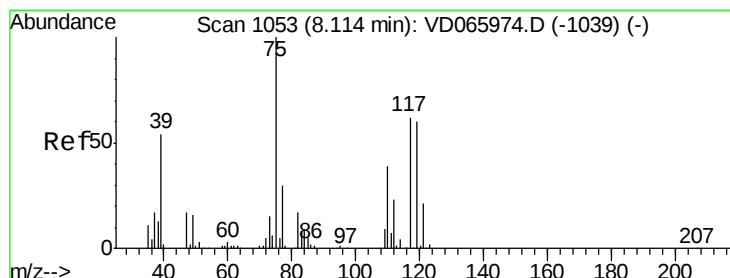
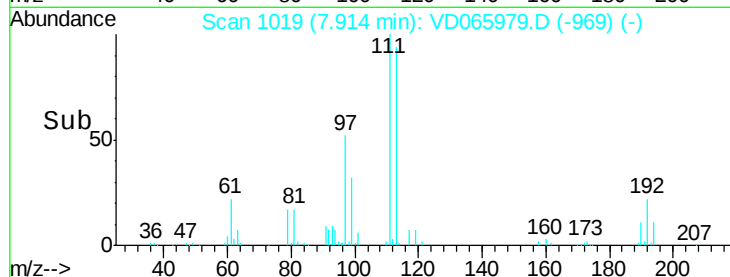
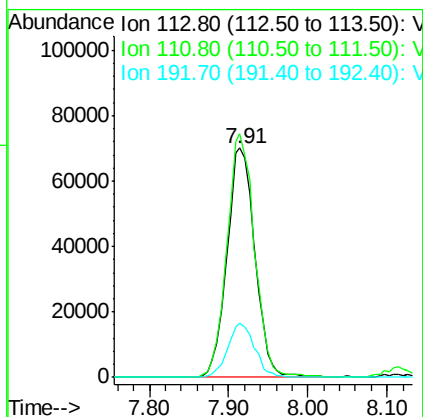
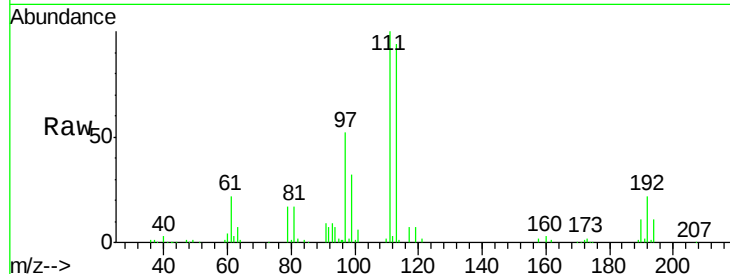




#35
 Dibromofluoromethane
 Concen: 50.361 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065979.D
 Acq: 21 Jul 2020 14:49

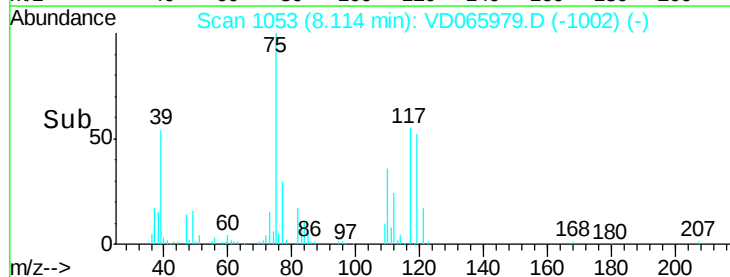
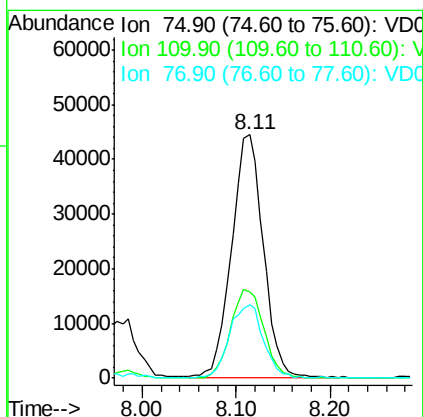
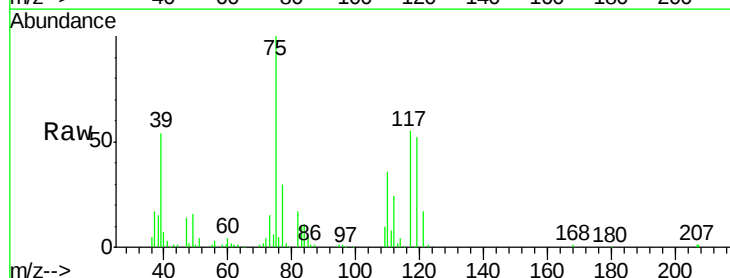
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBS01

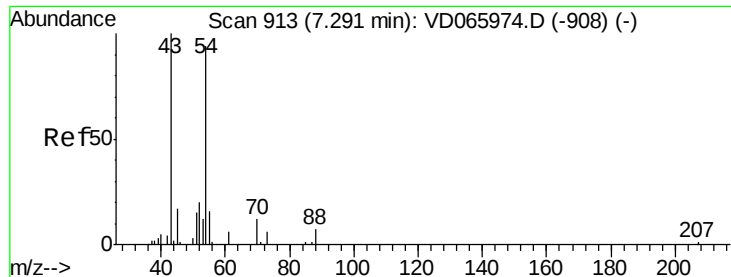
Tgt Ion:113 Resp: 171162
 Ion Ratio Lower Upper
 113 100
 111 104.6 83.2 124.8
 192 22.8 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 21.925 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065979.D
 Acq: 21 Jul 2020 14:49

Tgt Ion: 75 Resp: 104850
 Ion Ratio Lower Upper
 75 100
 110 37.9 19.5 58.5
 77 32.3 24.7 37.1

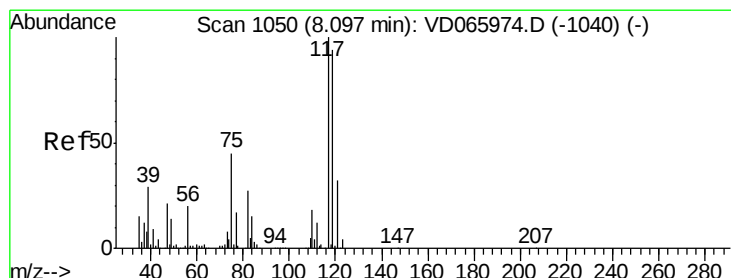
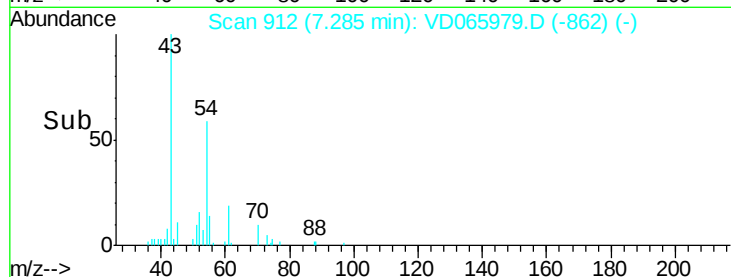
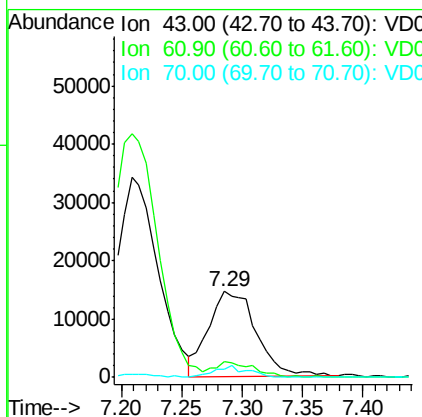
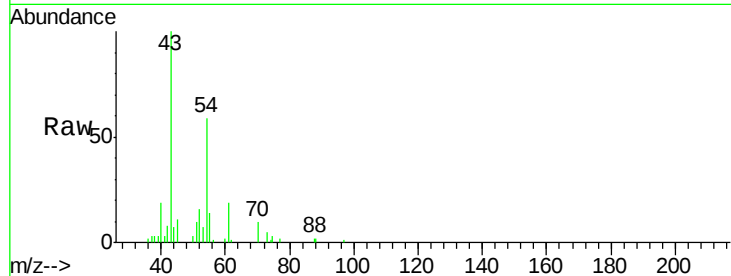




#37
 Ethyl Acetate
 Concen: 21.833 ug/l
 RT: 7.29 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: VD065979.D
 Acq: 21 Jul 2020 14:49

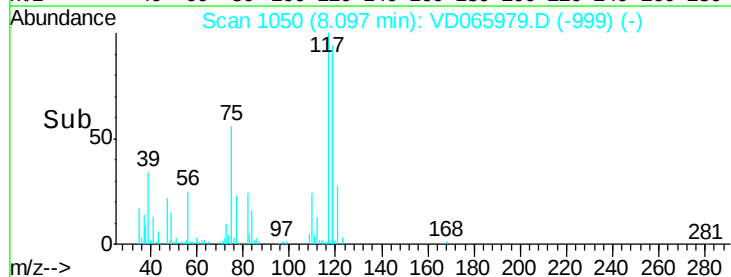
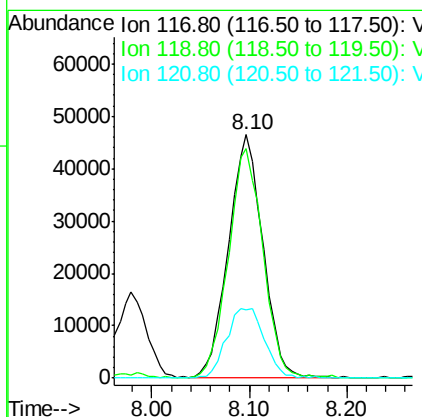
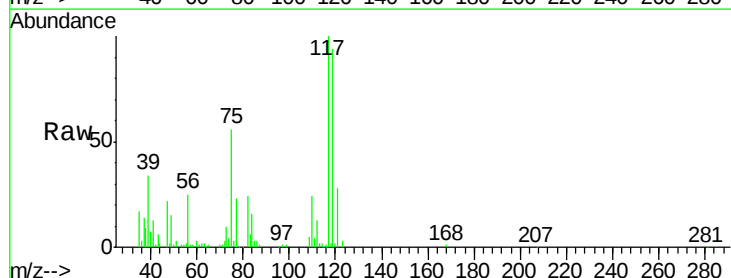
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBS01

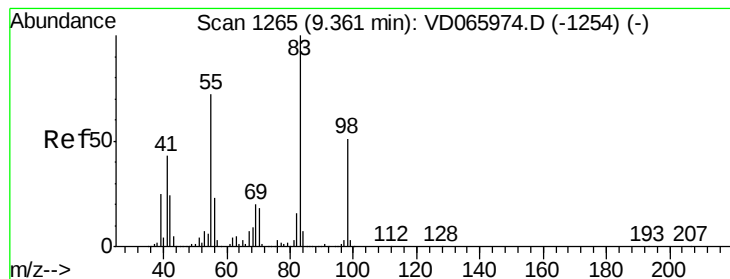
Tgt Ion: 43 Resp: 39876
 Ion Ratio Lower Upper
 43 100
 61 15.1 11.4 17.0
 70 9.3 9.3 13.9



#38
 Carbon Tetrachloride
 Concen: 21.947 ug/l
 RT: 8.10 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VD065979.D
 Acq: 21 Jul 2020 14:49

Tgt Ion: 117 Resp: 113882
 Ion Ratio Lower Upper
 117 100
 119 94.4 75.0 112.6
 121 28.1 25.5 38.3





#39

Methylcyclohexane

Concen: 22.286 ug/l

RT: 9.36 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

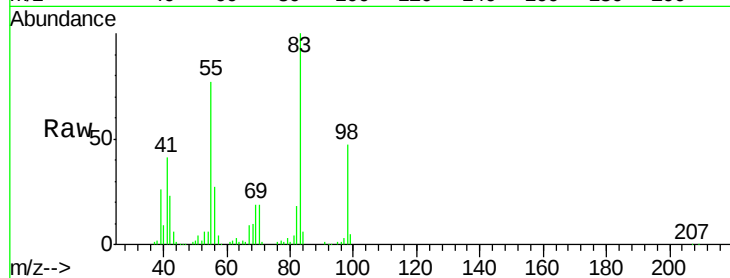
Tgt Ion: 83 Resp: 129069

Ion Ratio Lower Upper

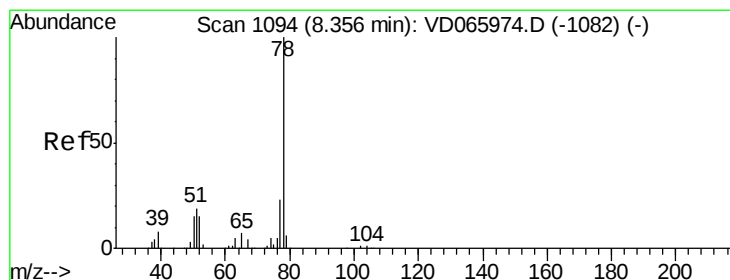
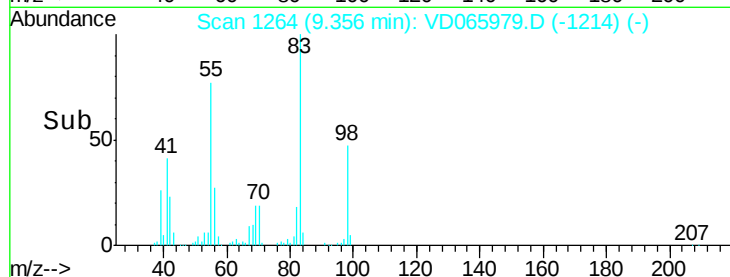
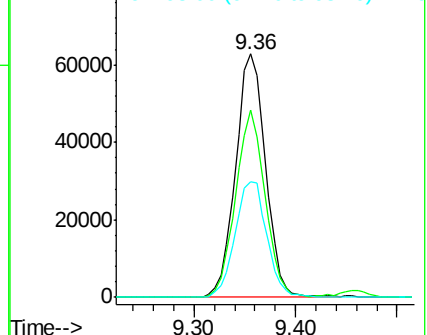
83 100

55 77.2 57.3 85.9

98 47.5 41.0 61.6



Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC



#40

Benzene

Concen: 22.287 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VD065979.D

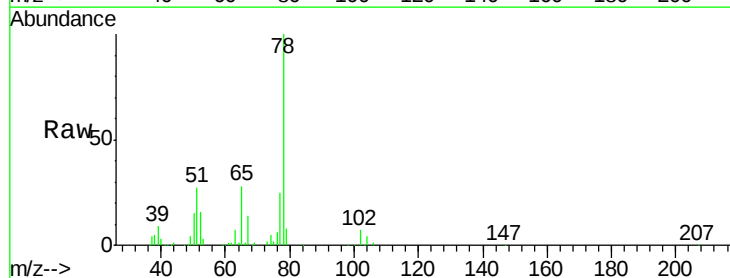
Acq: 21 Jul 2020 14:49

Tgt Ion: 78 Resp: 298182

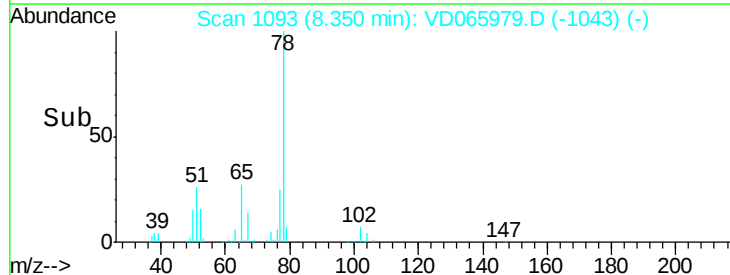
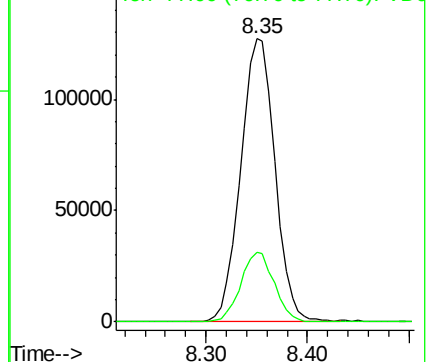
Ion Ratio Lower Upper

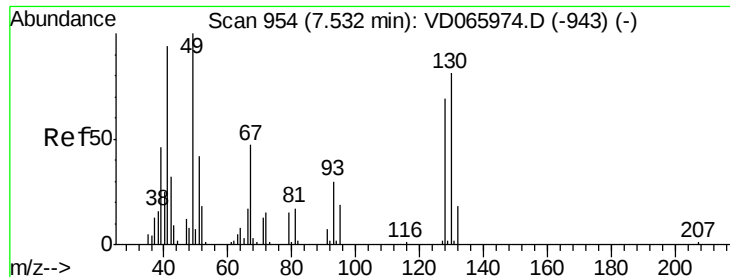
78 100

77 24.7 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

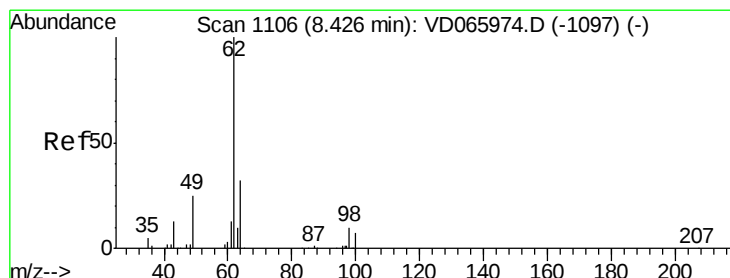
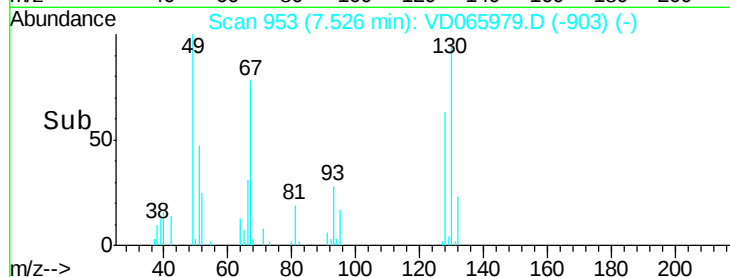
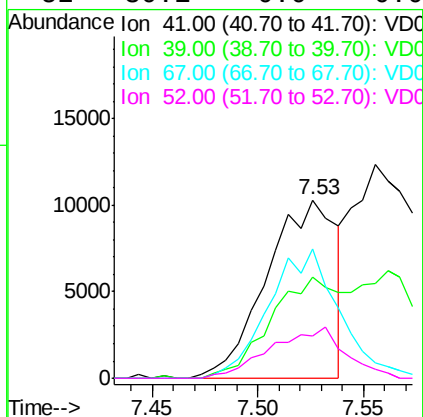
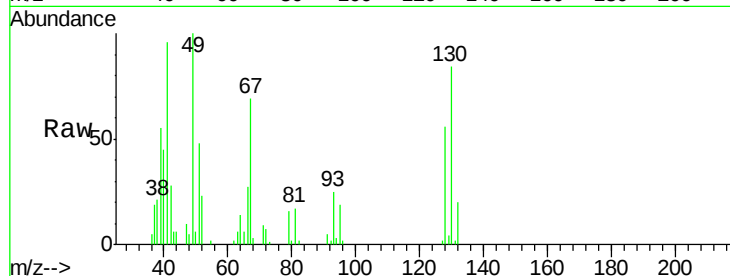




#41
Methacrylonitrile
Concen: 22.611 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD065979.D
Acq: 21 Jul 2020 14:49

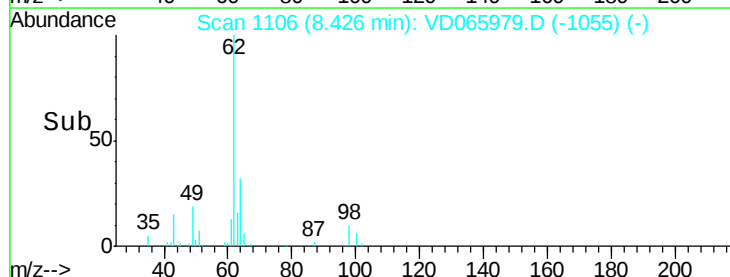
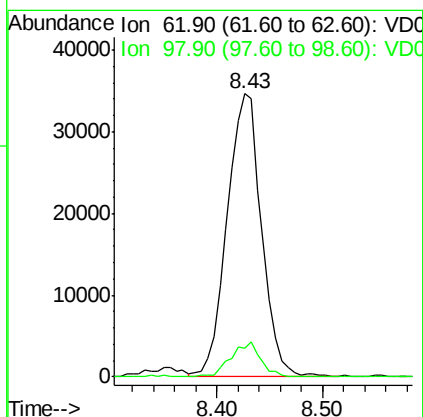
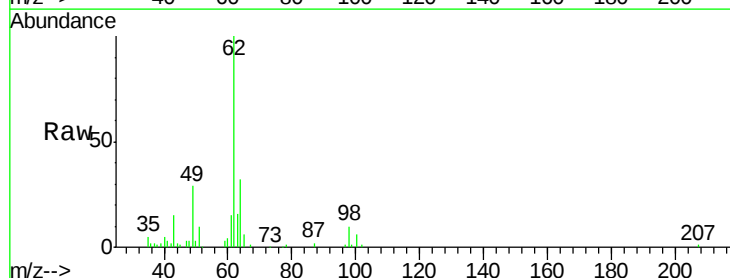
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

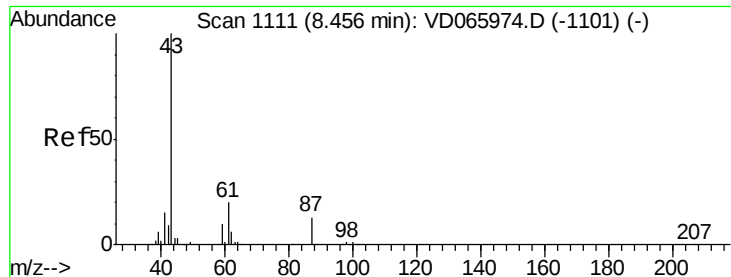
Tgt Ion:	41	Resp:	23657
Ion	Ratio	Lower	Upper
41	100		
39	61.5	0.0	0.0#
67	73.5	0.0	0.0#
52	30.1	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 21.264 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD065979.D
Acq: 21 Jul 2020 14:49

Tgt Ion:	62	Resp:	77959
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.0





#43

Isopropyl Acetate

Concen: 21.449 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

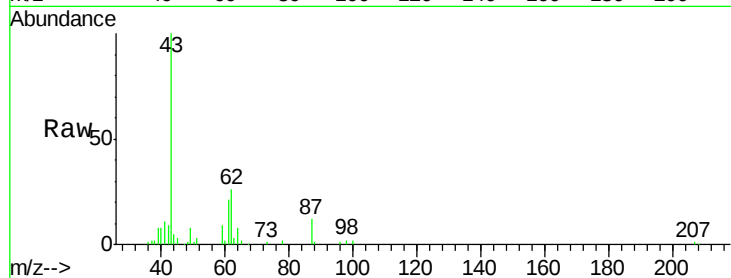
Tgt Ion: 43 Resp: 76510

Ion Ratio Lower Upper

43 100

61 30.7 25.8 38.8

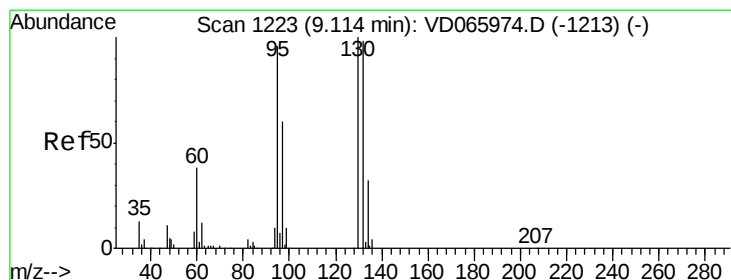
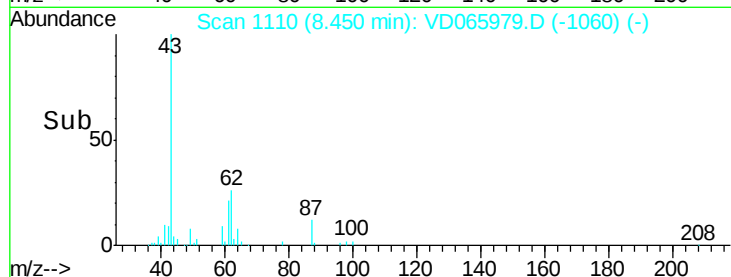
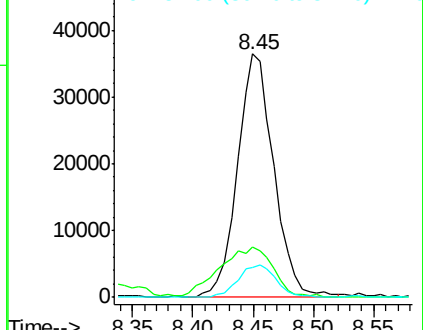
87 13.9 10.9 16.3



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: 22.007 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065979.D

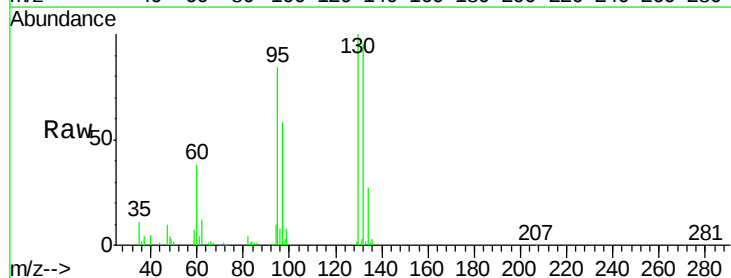
Acq: 21 Jul 2020 14:49

Tgt Ion: 130 Resp: 89100

Ion Ratio Lower Upper

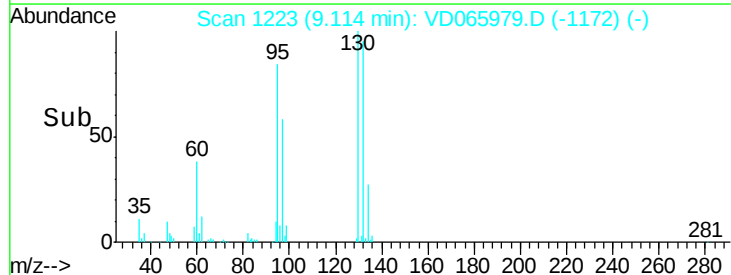
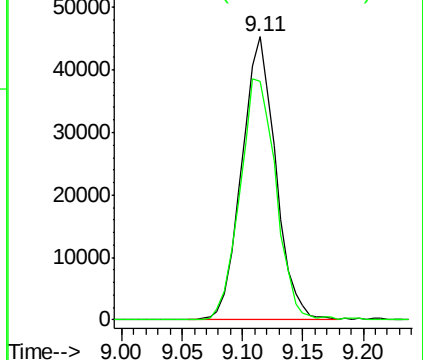
130 100

95 84.2 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 22.542 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

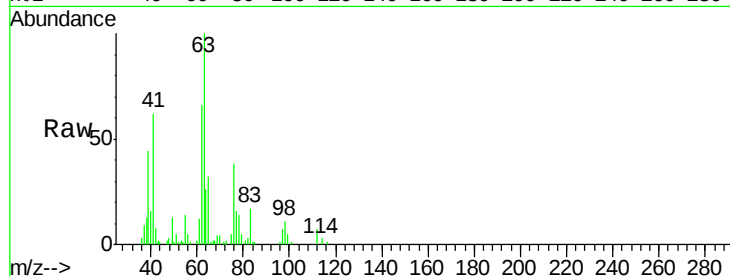
VD0721SBS01

Tgt Ion: 63 Resp: 73043

Ion Ratio Lower Upper

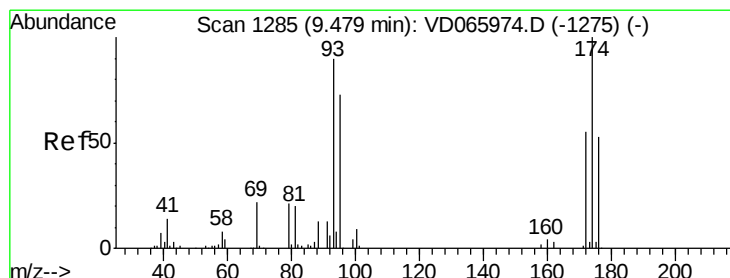
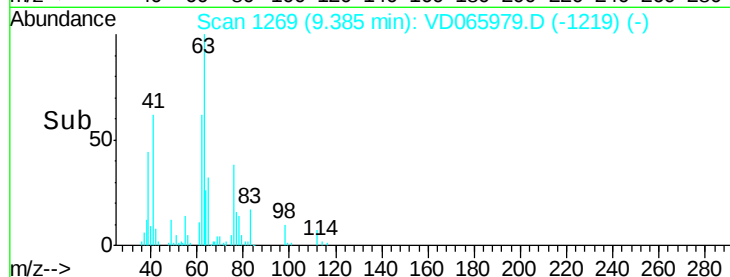
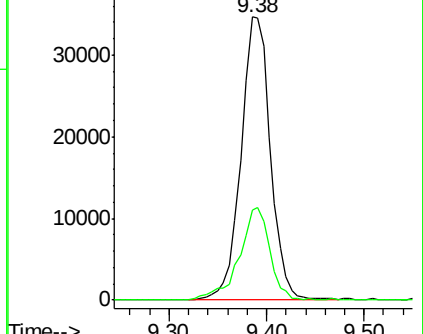
63 100

65 32.0 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 21.439 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

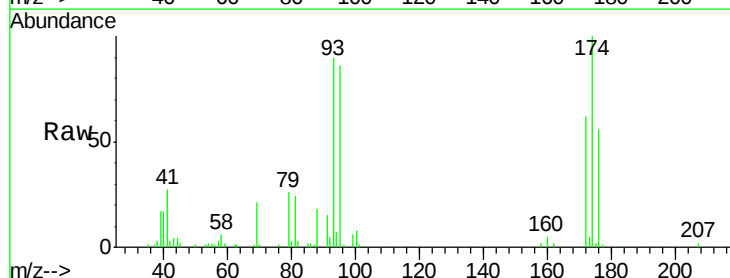
Tgt Ion: 93 Resp: 37398

Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

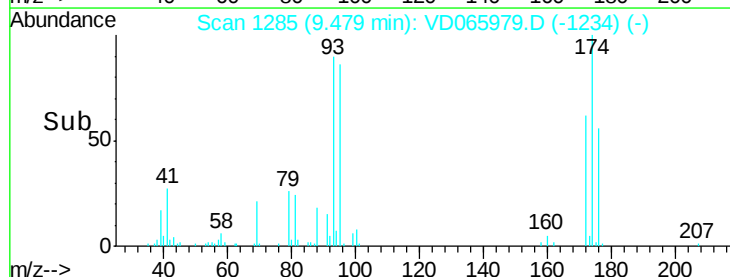
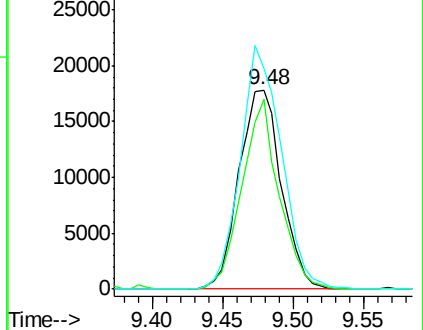
174 118.8 91.5 137.3

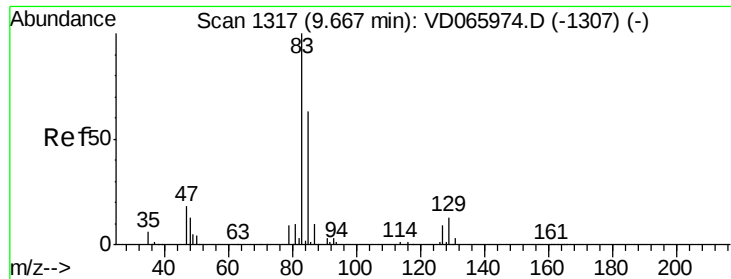


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC

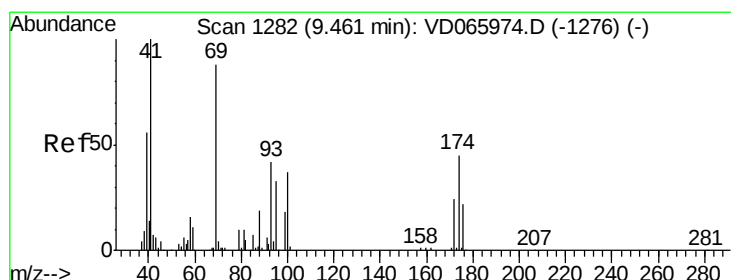
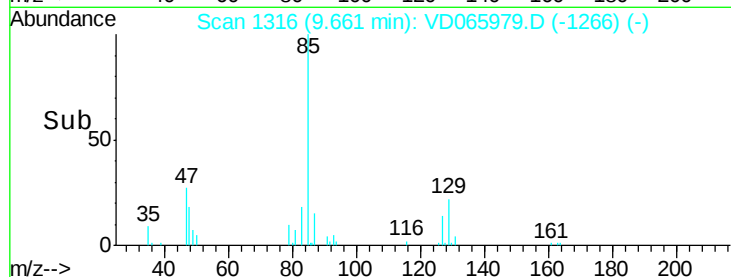
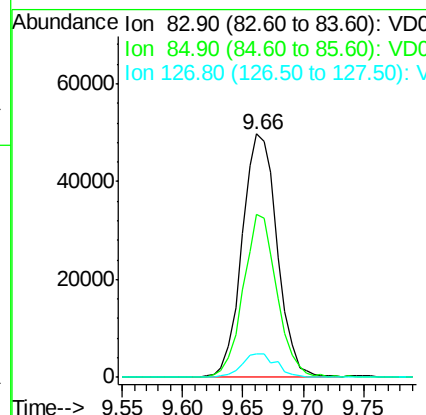
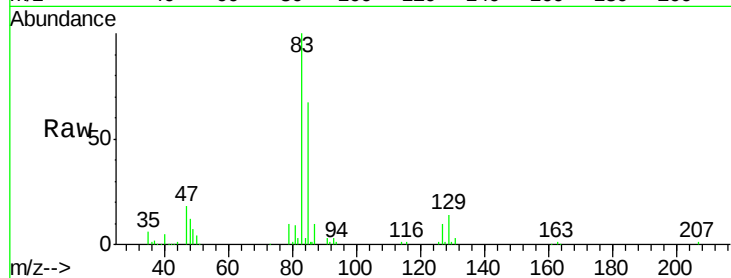




#47
Bromodichloromethane
Concen: 21.889 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD065979.D
Acq: 21 Jul 2020 14:49

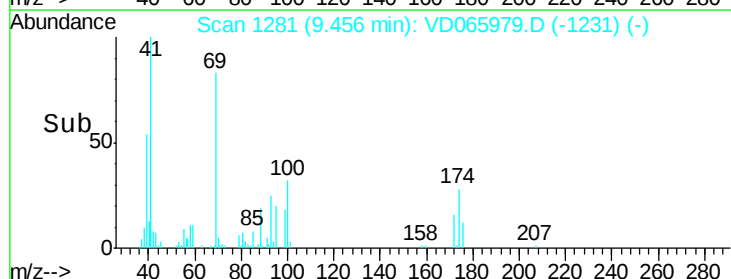
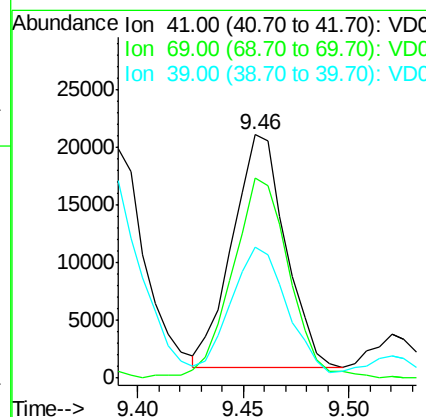
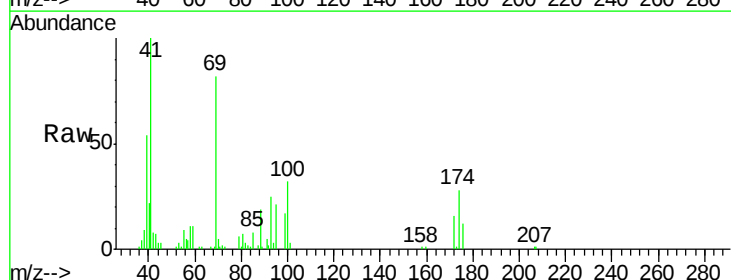
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

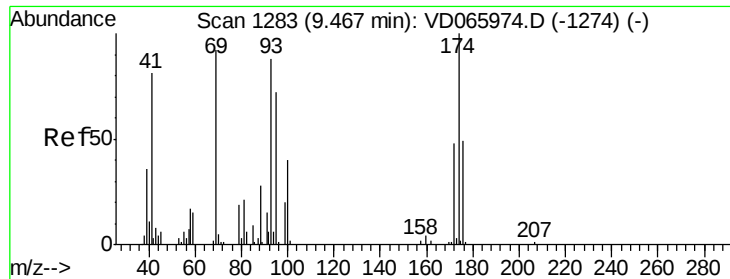
Tgt Ion: 83 Resp: 100959
Ion Ratio Lower Upper
83 100
85 66.9 50.6 75.8
127 9.6 7.1 10.7



#48
Methyl methacrylate
Concen: 19.522 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD065979.D
Acq: 21 Jul 2020 14:49

Tgt Ion: 41 Resp: 35127
Ion Ratio Lower Upper
41 100
69 92.8 65.1 97.7
39 55.4 41.5 62.3





#49

1,4-Dioxane

Concen: 467.749 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

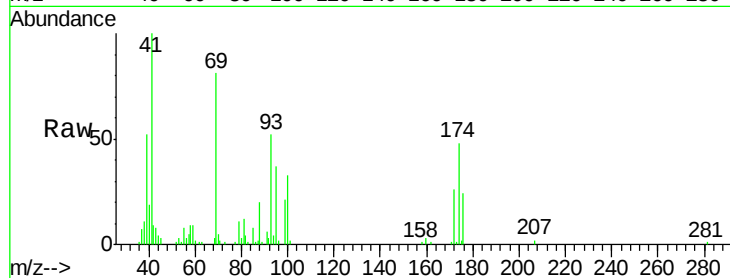
Tgt Ion: 88 Resp: 9453

Ion Ratio Lower Upper

88 100

43 36.2 29.0 43.6

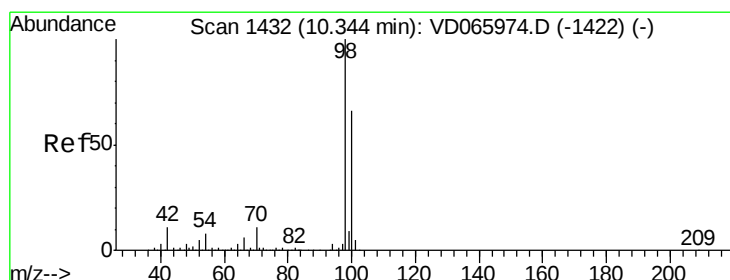
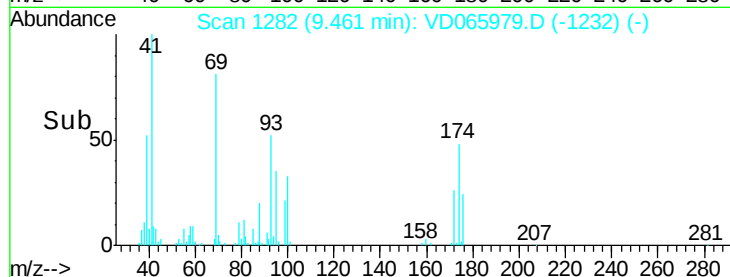
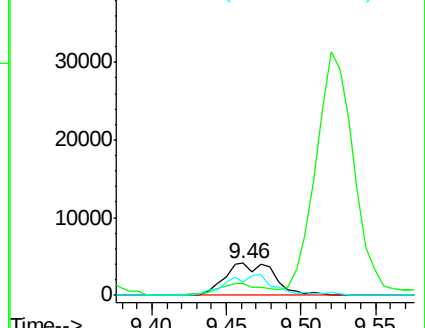
58 60.3 57.0 85.4



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 51.912 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065979.D

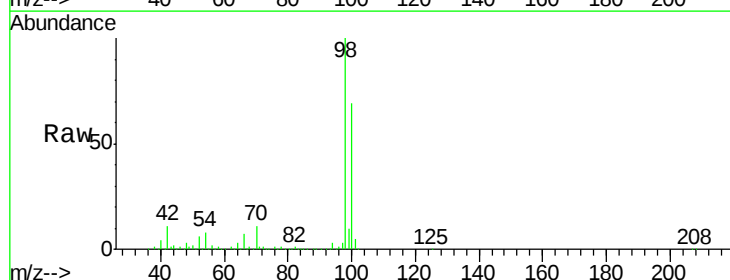
Acq: 21 Jul 2020 14:49

Tgt Ion: 98 Resp: 657252

Ion Ratio Lower Upper

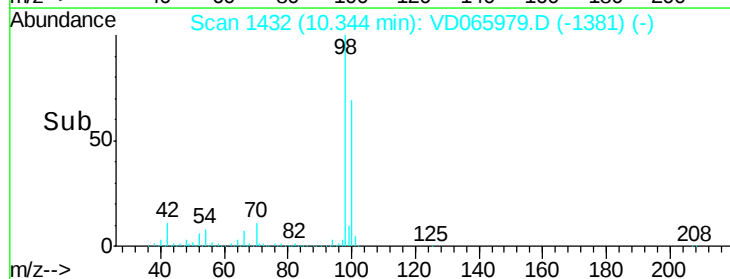
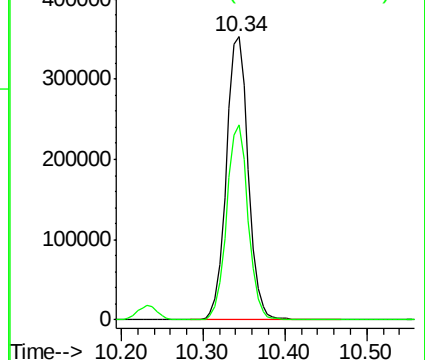
98 100

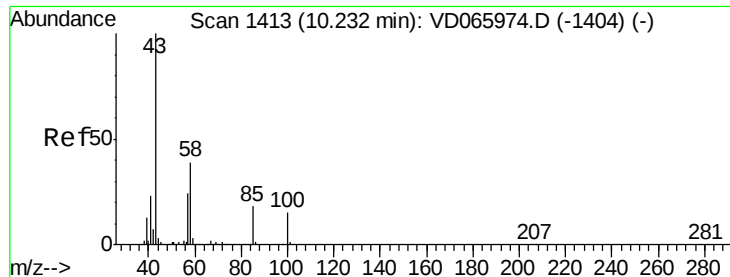
100 67.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

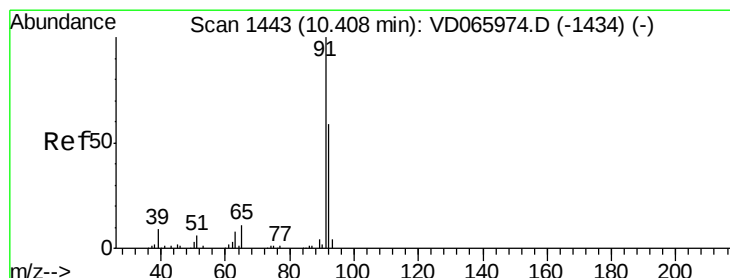
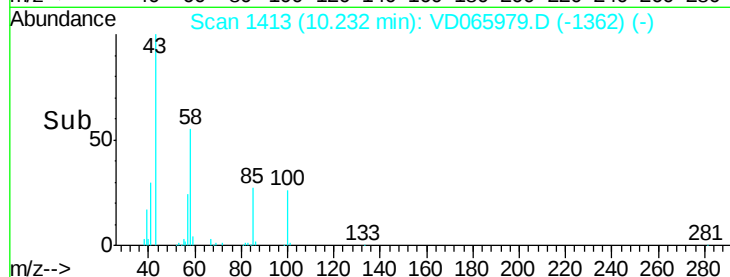
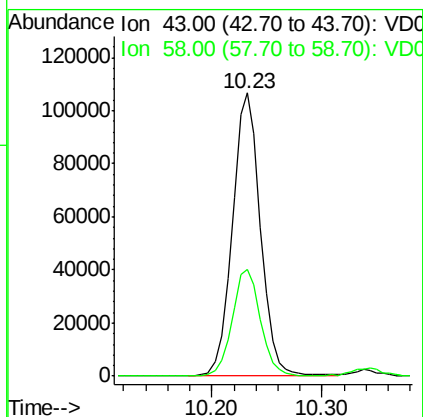
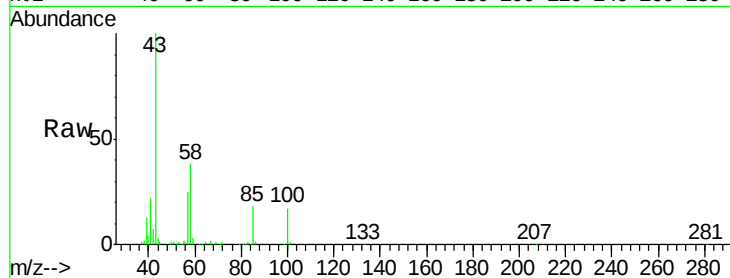




#51
 4-Methyl-2-Pentanone
 Concen: 105.553 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD065979.D
 Acq: 21 Jul 2020 14:49

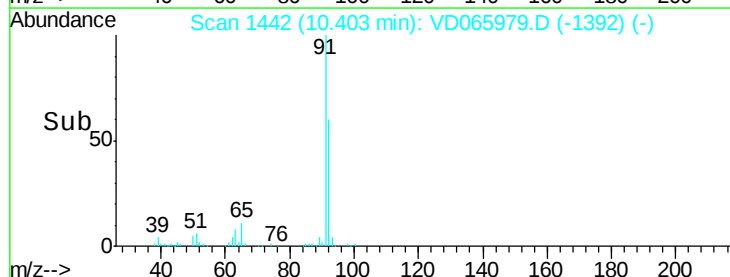
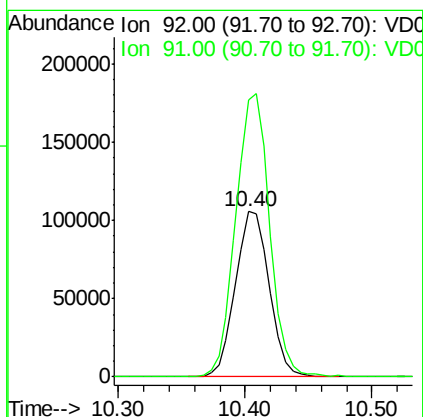
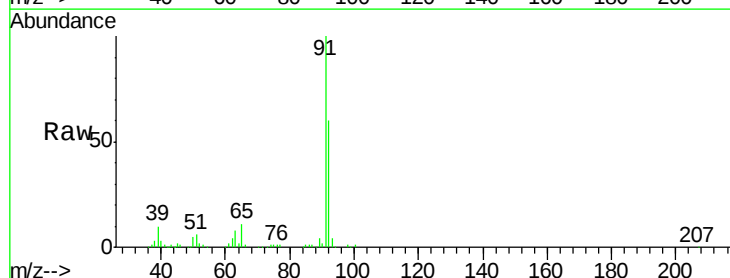
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBS01

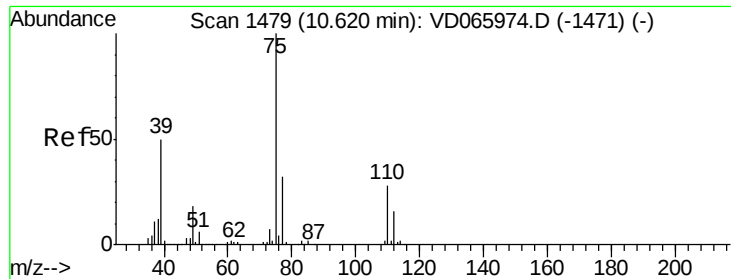
Tgt Ion: 43 Resp: 189714
 Ion Ratio Lower Upper
 43 100
 58 38.0 31.3 46.9



#52
 Toluene
 Concen: 22.423 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VD065979.D
 Acq: 21 Jul 2020 14:49

Tgt Ion: 92 Resp: 195640
 Ion Ratio Lower Upper
 92 100
 91 171.3 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 21.692 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.01 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

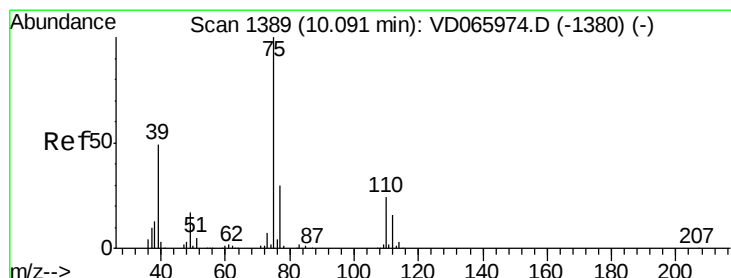
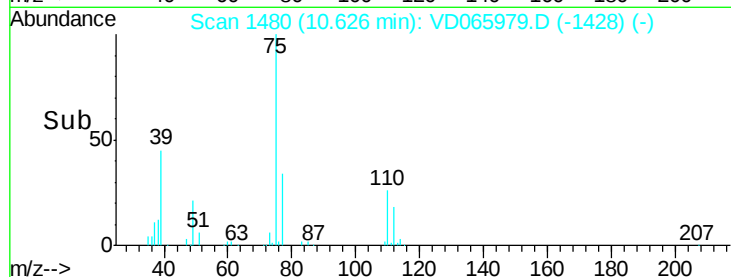
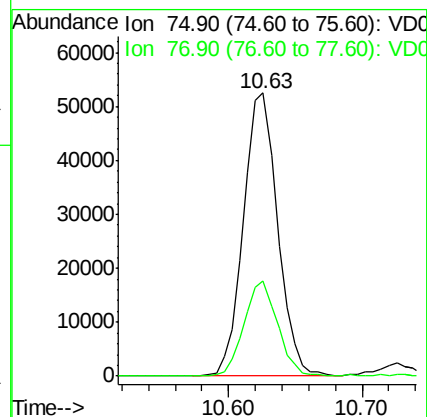
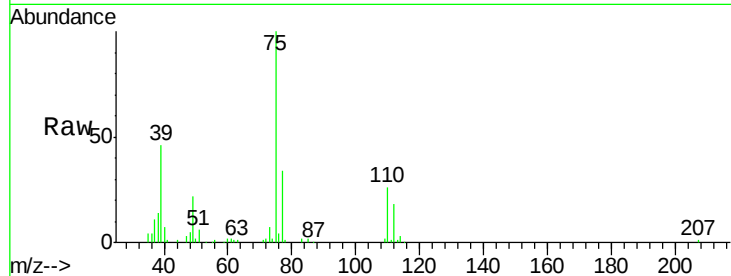
VD0721SBS01

Tgt Ion: 75 Resp: 93211

Ion Ratio Lower Upper

75 100

77 33.5 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 22.046 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

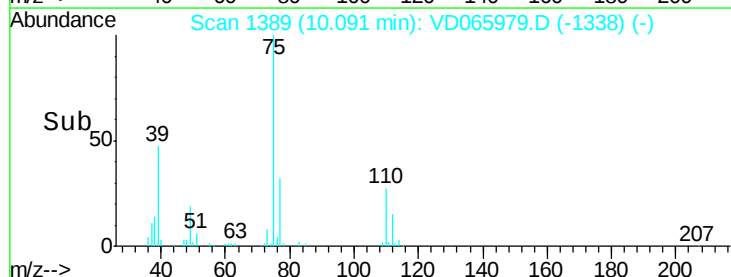
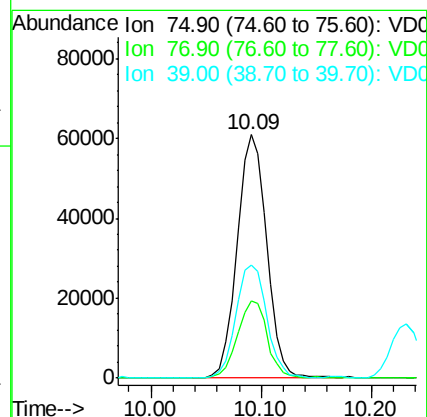
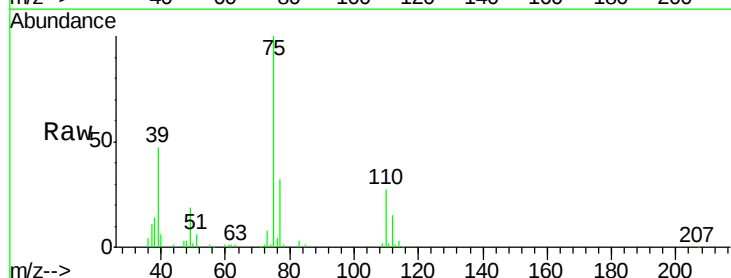
Tgt Ion: 75 Resp: 114832

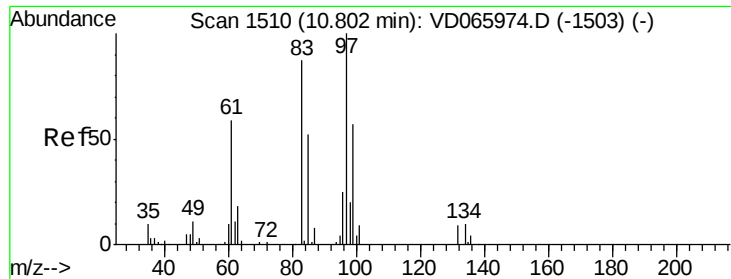
Ion Ratio Lower Upper

75 100

77 31.6 23.8 35.8

39 46.4 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 21.961 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

Tgt Ion: 97 Resp: 54332

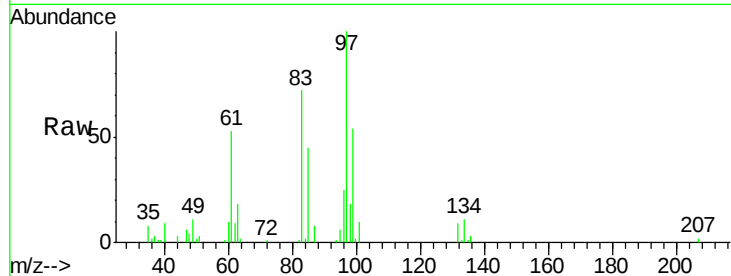
Ion Ratio Lower Upper

97 100

83 71.8 69.7 104.5

85 45.1 41.6 62.4

99 53.6 45.9 68.9

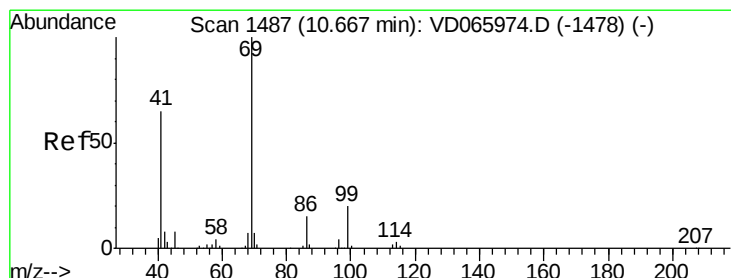
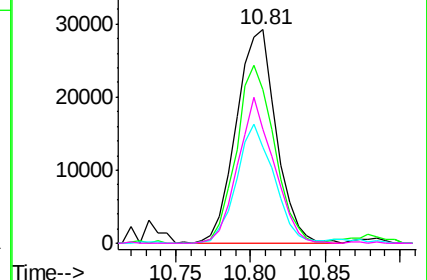
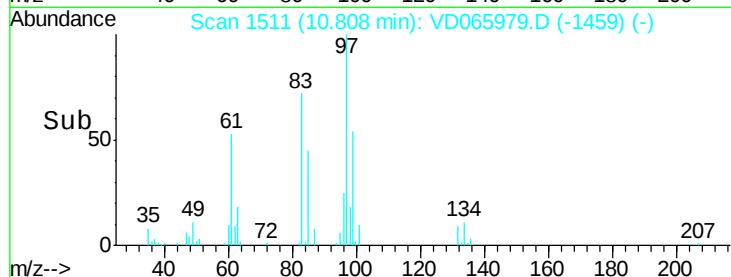


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 21.375 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

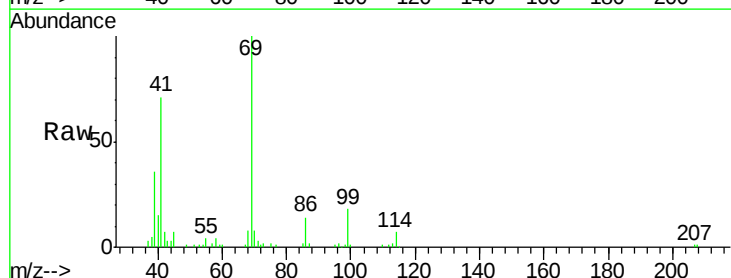
Tgt Ion: 69 Resp: 61482

Ion Ratio Lower Upper

69 100

41 71.8 52.3 78.5

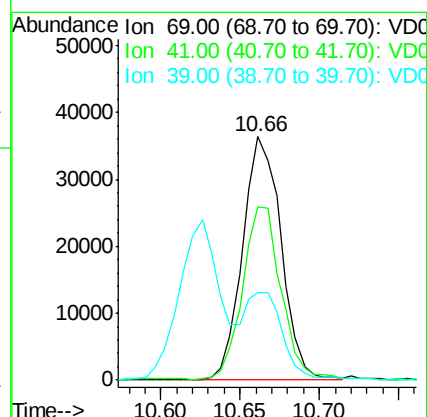
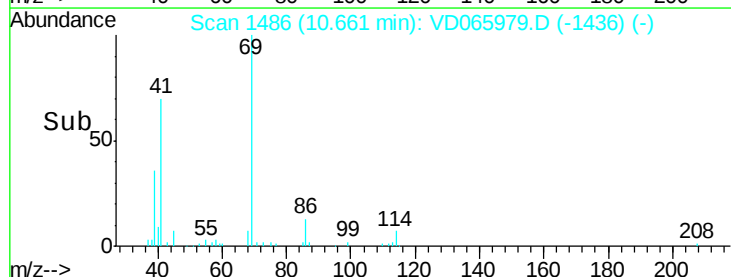
39 34.0 25.2 37.8

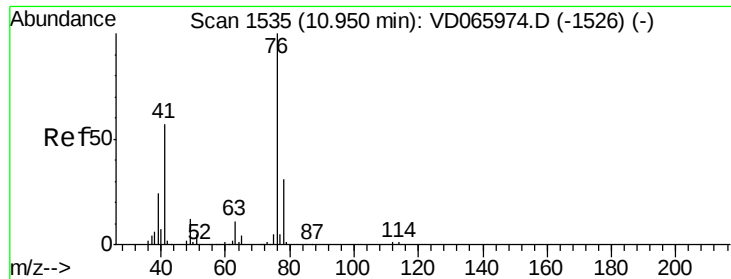


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

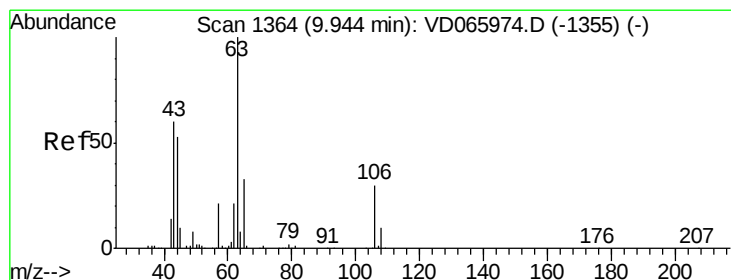
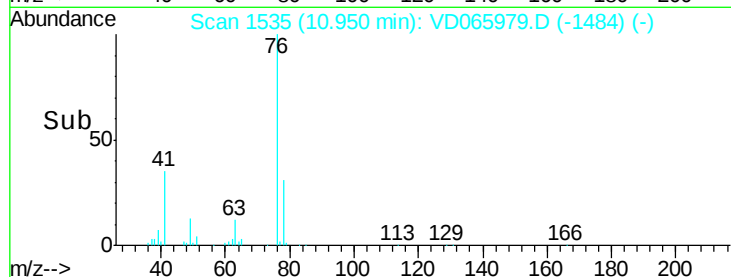
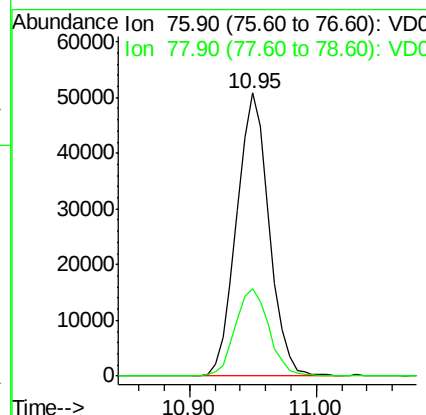
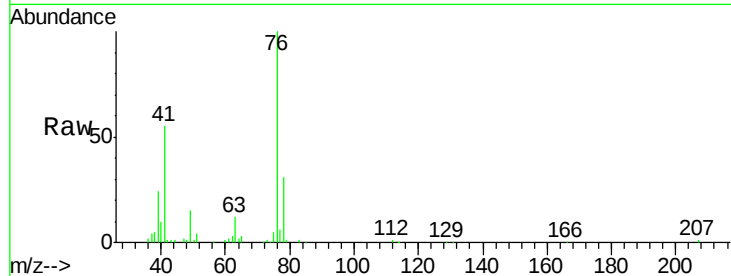




#57
 1,3-Dichloropropane
 Concen: 21.886 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065979.D
 Acq: 21 Jul 2020 14:49

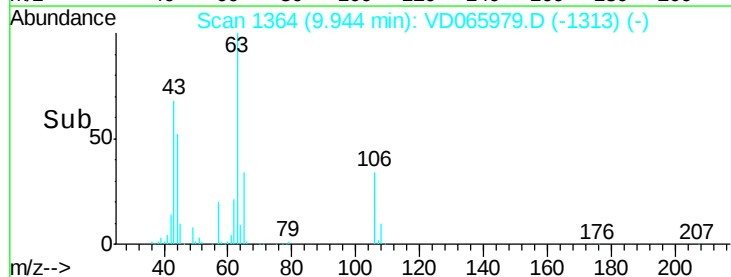
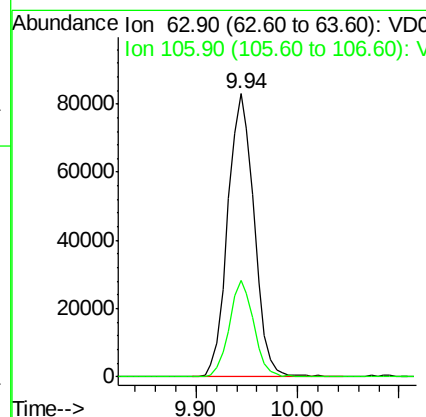
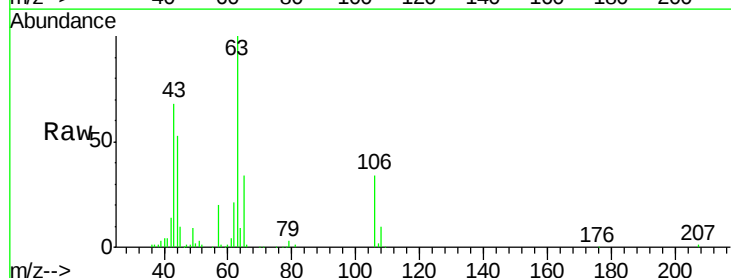
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBS01

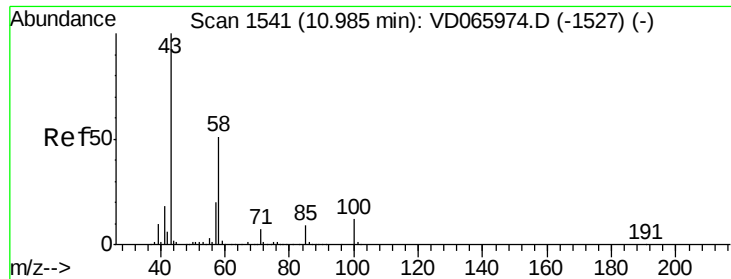
Tgt Ion: 76 Resp: 89634
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.935 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD065979.D
 Acq: 21 Jul 2020 14:49

Tgt Ion: 63 Resp: 149682
 Ion Ratio Lower Upper
 63 100
 106 31.7 24.4 36.6

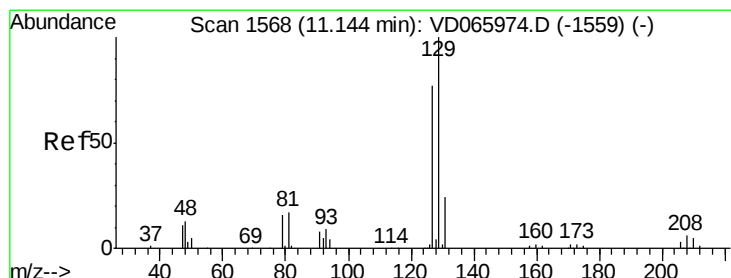
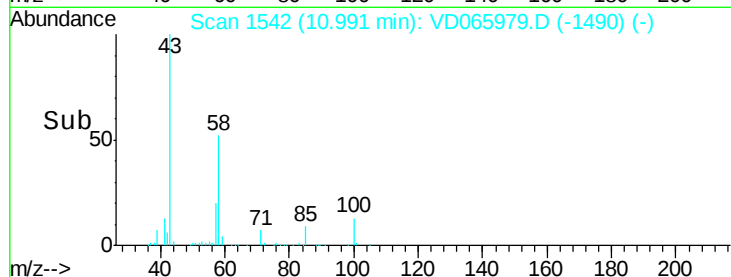
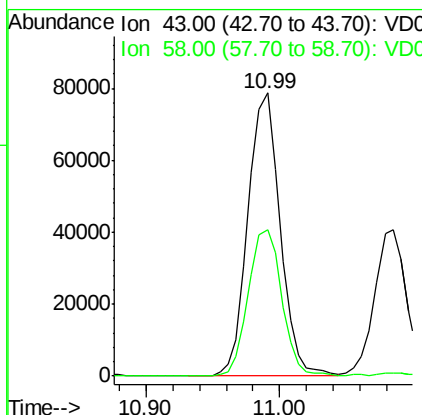
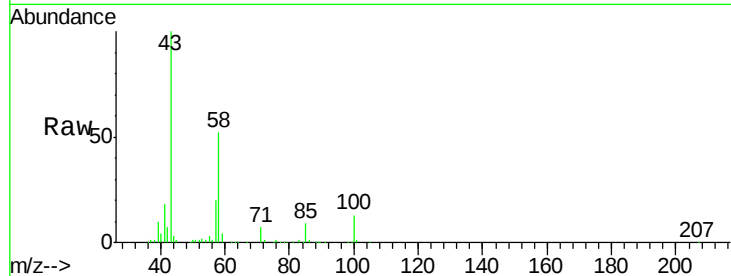




#59
2-Hexanone
Concen: 105.551 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD065979.D
Acq: 21 Jul 2020 14:49

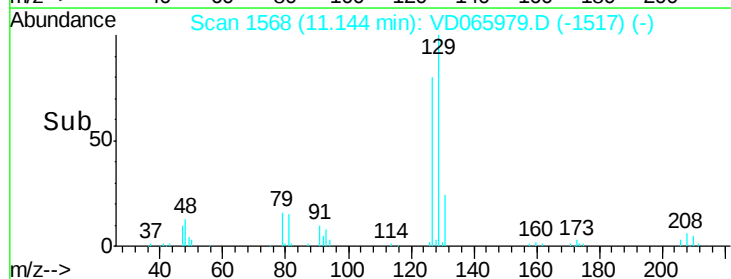
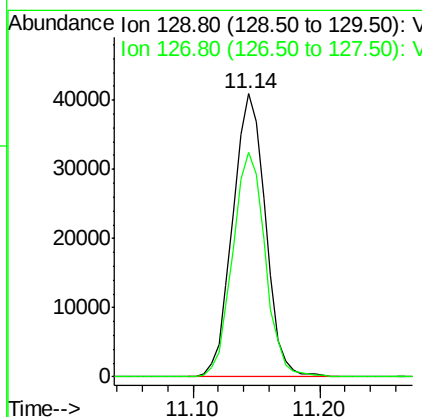
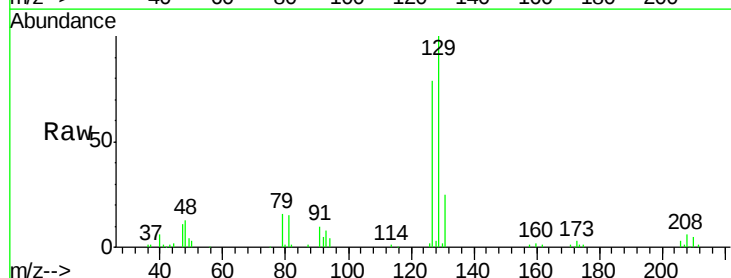
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

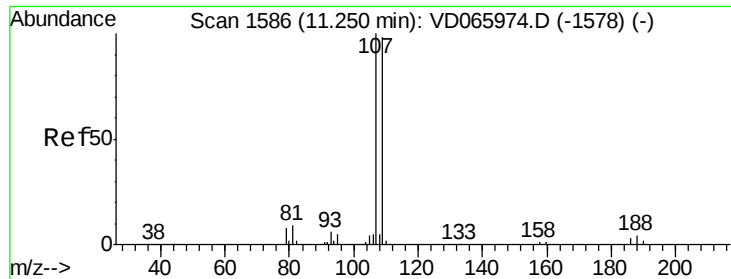
Tgt Ion: 43 Resp: 131466
Ion Ratio Lower Upper
43 100
58 54.0 26.2 78.6



#60
Dibromochloromethane
Concen: 21.930 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065979.D
Acq: 21 Jul 2020 14:49

Tgt Ion:129 Resp: 73152
Ion Ratio Lower Upper
129 100
127 78.7 38.6 115.7

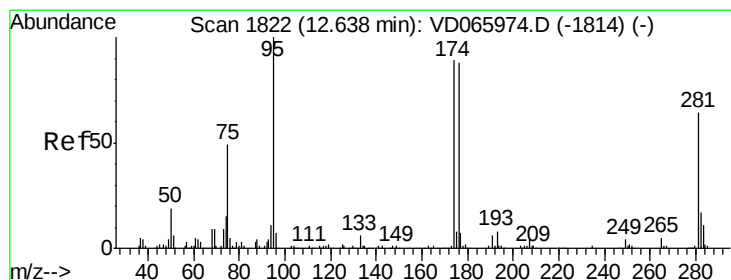
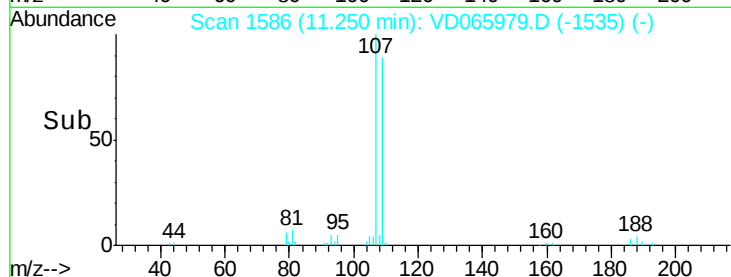
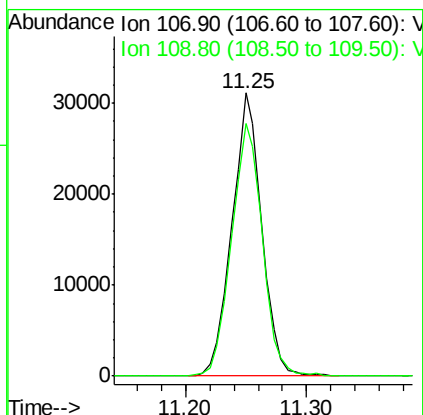
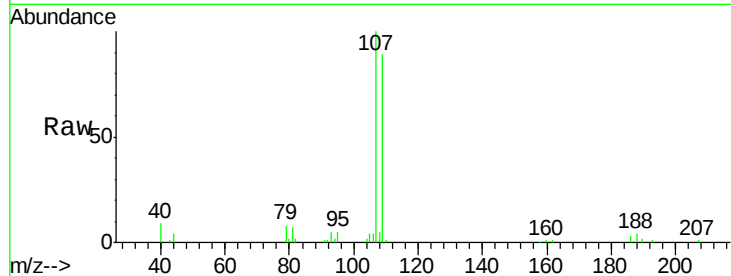




#61
 1,2-Dibromoethane
 Concen: 22.332 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065979.D
 Acq: 21 Jul 2020 14:49

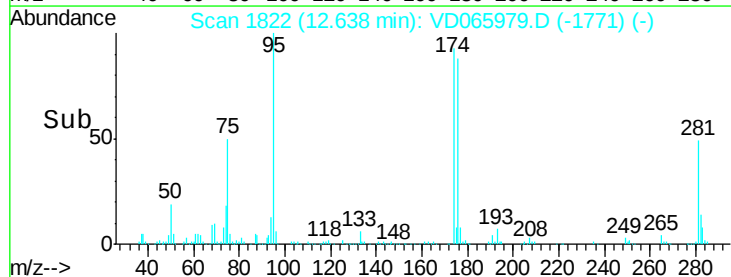
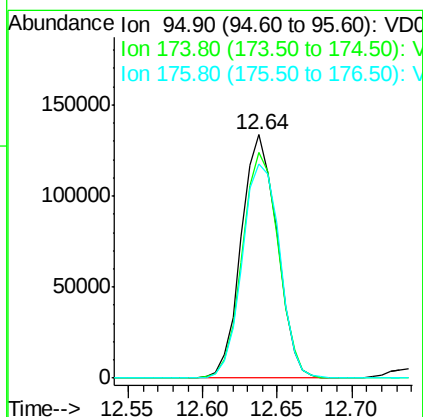
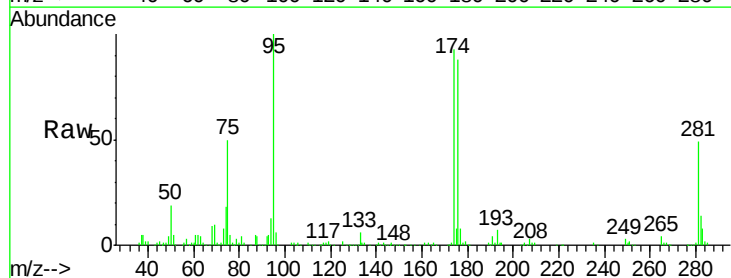
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBS01

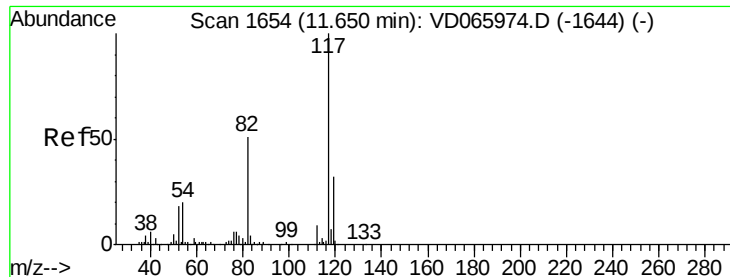
Tgt Ion: 107 Resp: 53269
 Ion Ratio Lower Upper
 107 100
 109 92.6 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 50.724 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065979.D
 Acq: 21 Jul 2020 14:49

Tgt Ion: 95 Resp: 222681
 Ion Ratio Lower Upper
 95 100
 174 93.3 0.0 178.8
 176 91.7 0.0 172.6

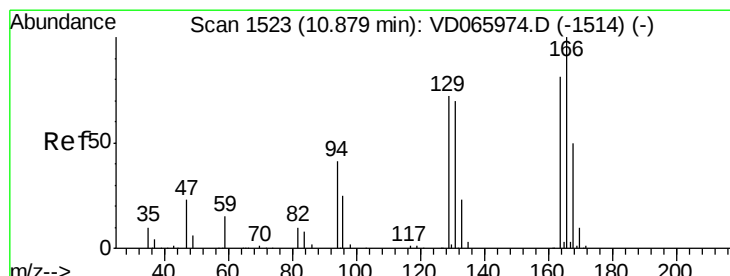
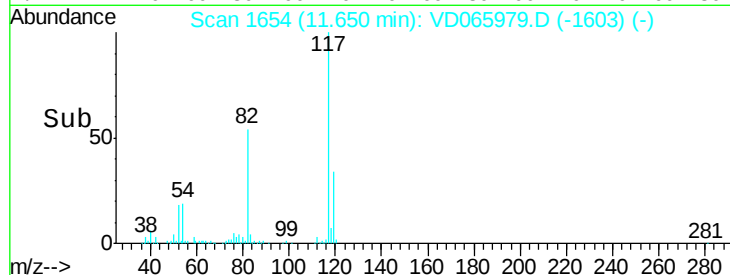
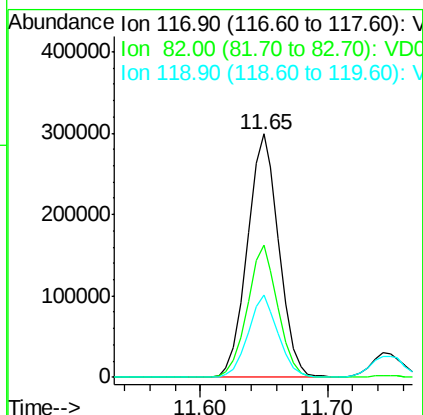
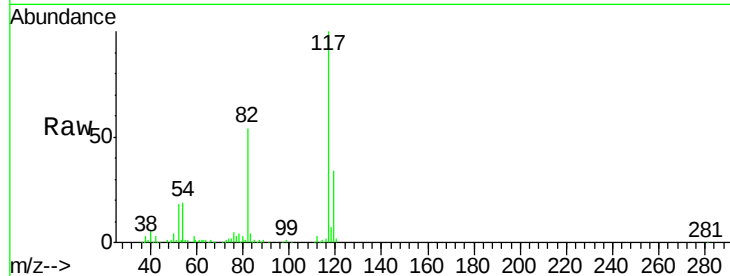




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065979.D
Acq: 21 Jul 2020 14:49

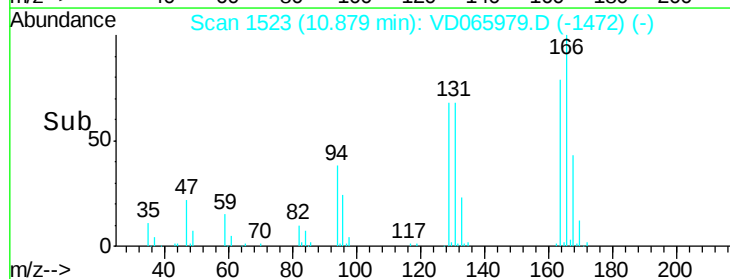
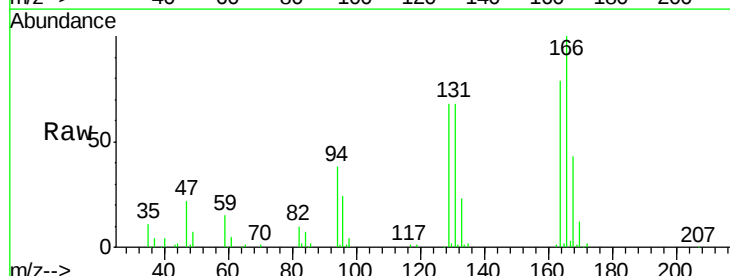
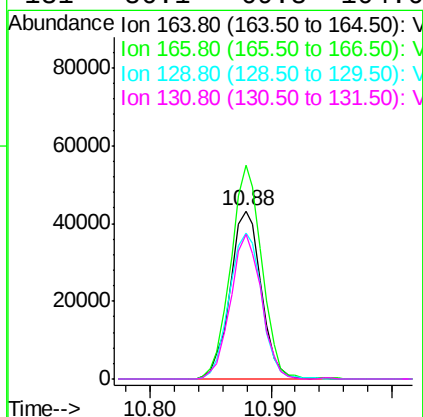
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

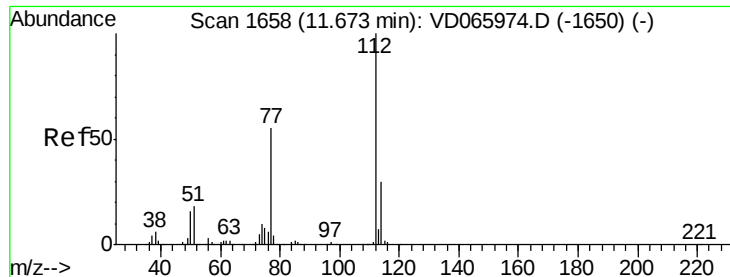
Tgt Ion:117 Resp: 514439
Ion Ratio Lower Upper
117 100
82 54.2 41.1 61.7
119 33.9 25.9 38.9



#64
Tetrachloroethene
Concen: 22.298 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065979.D
Acq: 21 Jul 2020 14:49

Tgt Ion:164 Resp: 77856
Ion Ratio Lower Upper
164 100
166 127.1 99.1 148.7
129 87.0 71.5 107.3
131 86.1 69.8 104.6

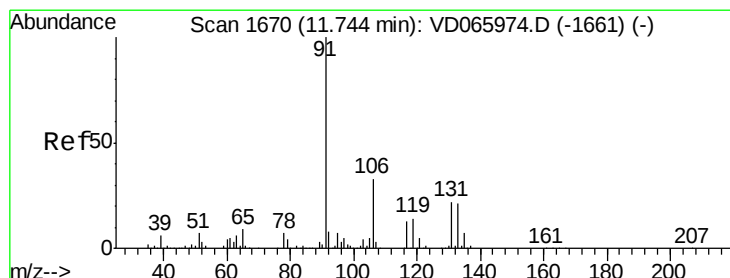
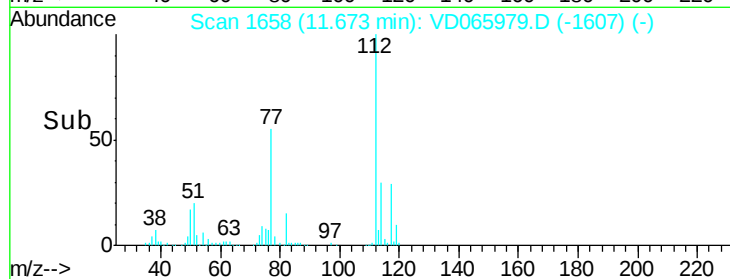
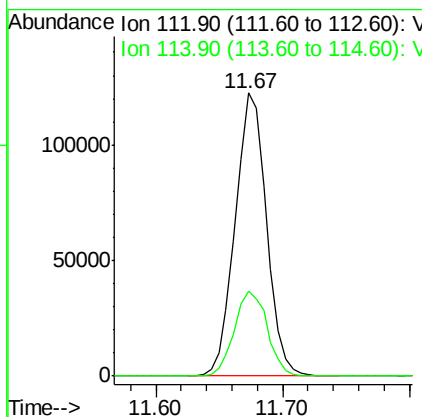
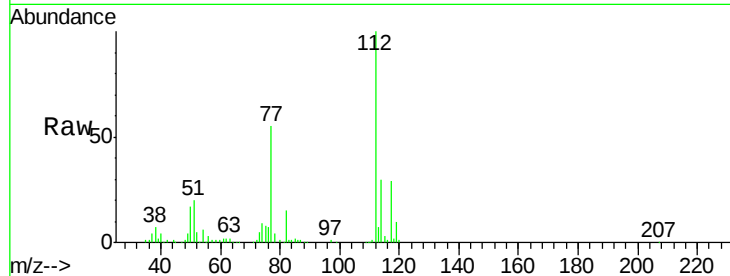




#65
Chlorobenzene
Concen: 22.249 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065979.D
Acq: 21 Jul 2020 14:49

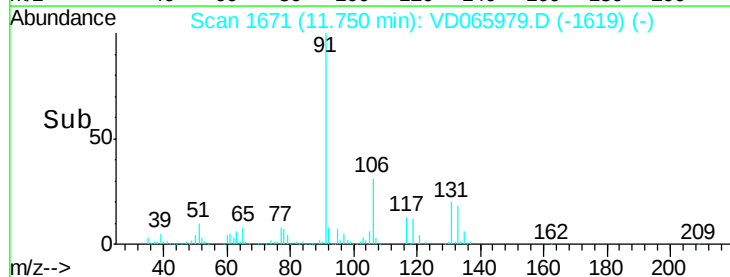
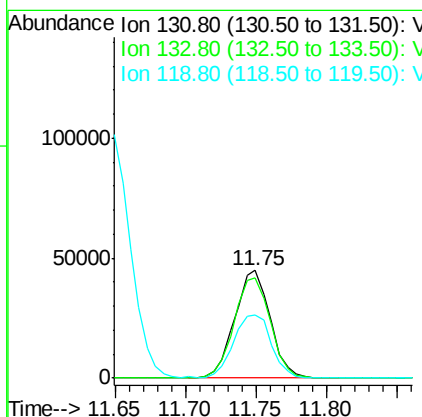
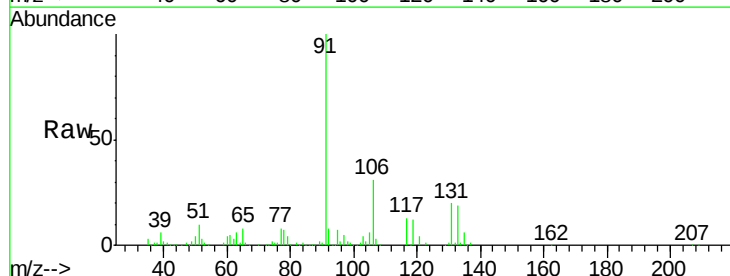
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

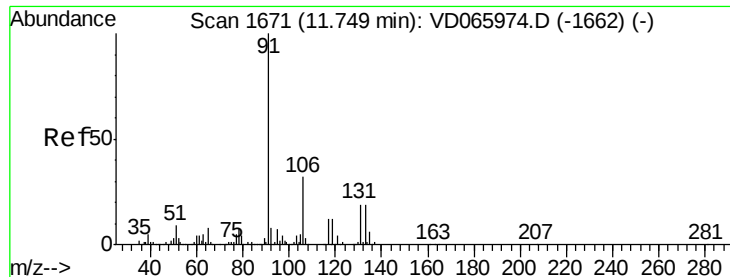
Tgt Ion:112 Resp: 209561
Ion Ratio Lower Upper
112 100
114 30.2 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.666 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD065979.D
Acq: 21 Jul 2020 14:49

Tgt Ion:131 Resp: 78832
Ion Ratio Lower Upper
131 100
133 95.5 47.3 142.0
119 62.7 31.7 95.1





#67

Ethyl Benzene

Concen: 22.674 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

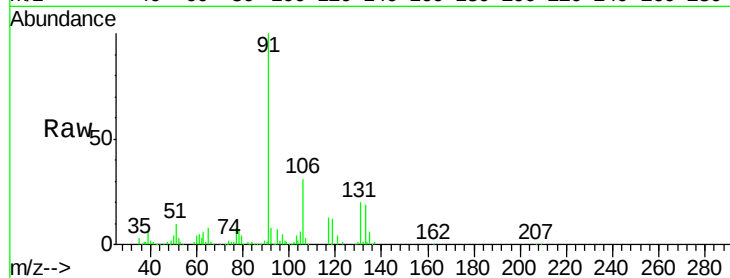
VD0721SBS01

Tgt Ion: 91 Resp: 367541

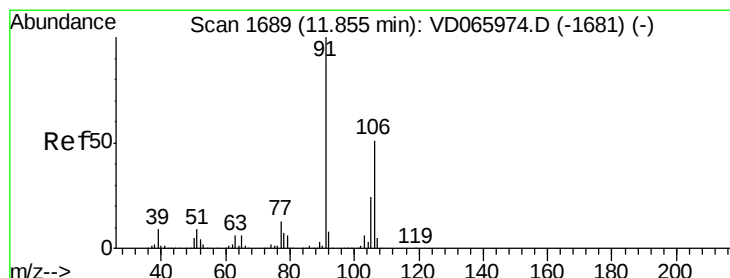
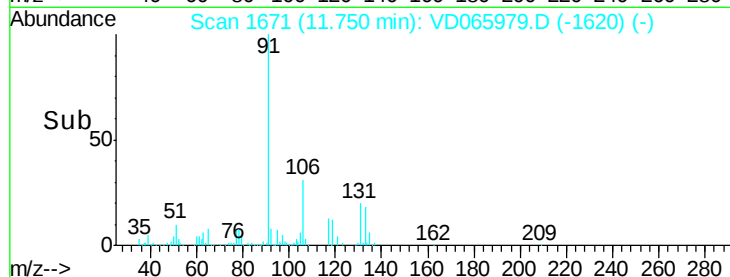
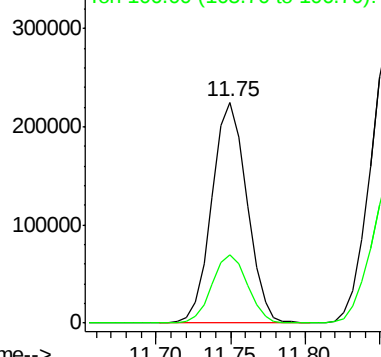
Ion Ratio Lower Upper

91 100

106 31.2 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 46.319 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD065979.D

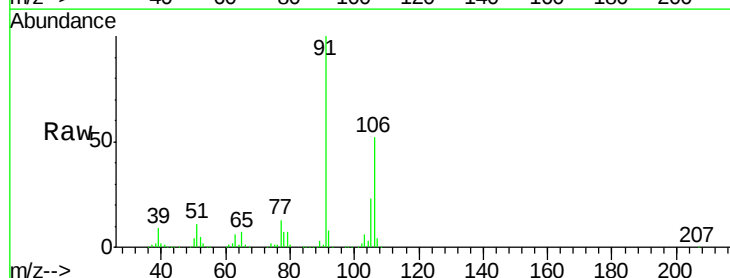
Acq: 21 Jul 2020 14:49

Tgt Ion: 106 Resp: 288578

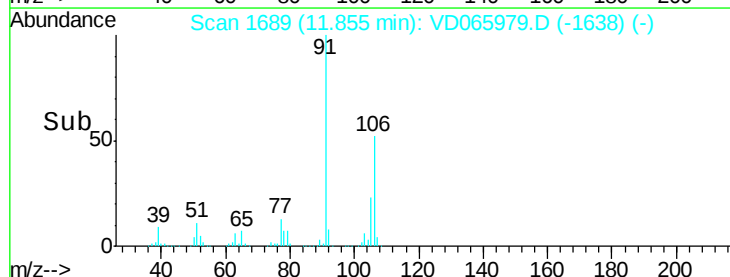
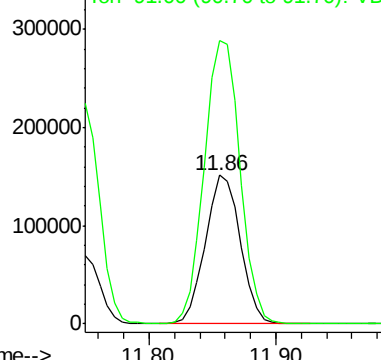
Ion Ratio Lower Upper

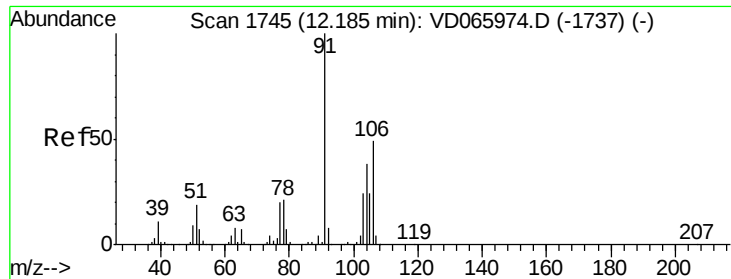
106 100

91 195.3 157.0 235.6



Abundance Ion 106.00 (105.70 to 106.70): V

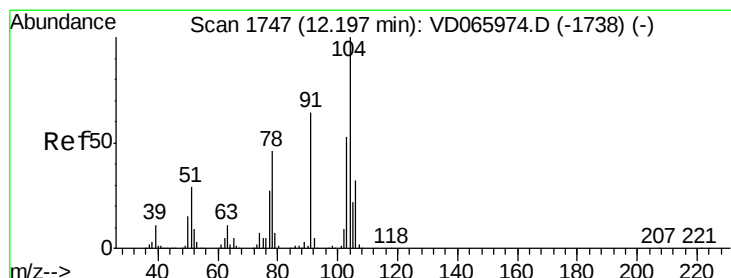
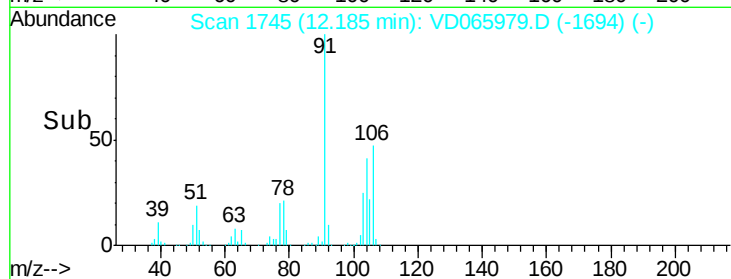
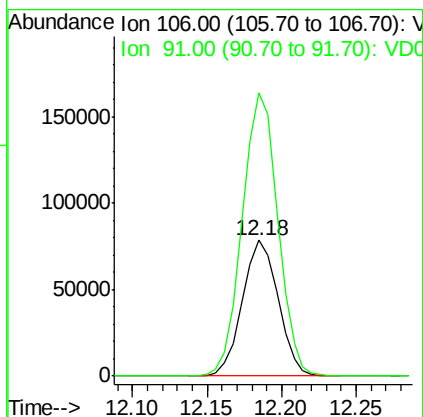
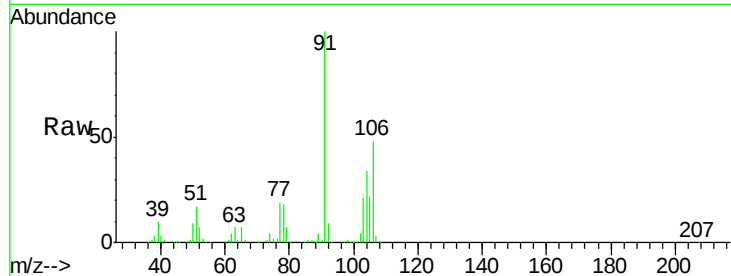




#69
o-Xylene
Concen: 23.135 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065979.D
Acq: 21 Jul 2020 14:49

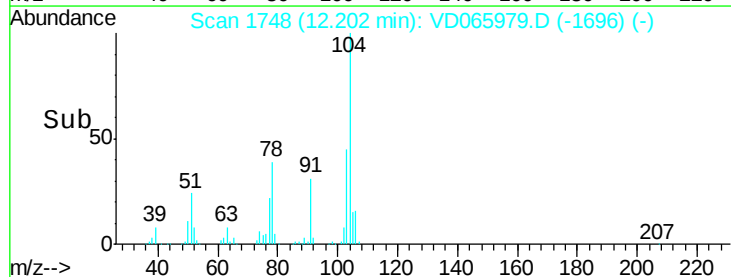
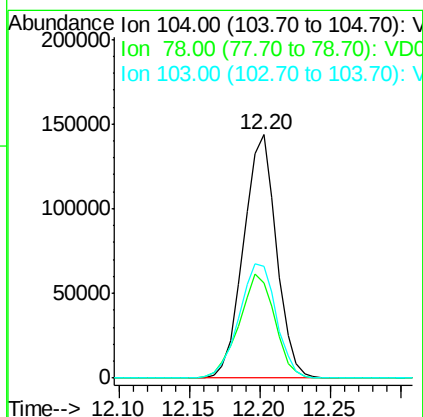
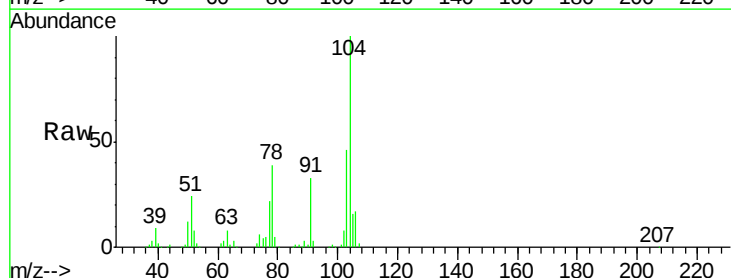
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

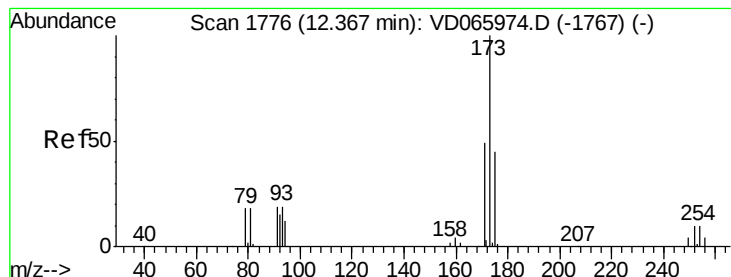
Tgt Ion:106 Resp: 131099
Ion Ratio Lower Upper
106 100
91 206.3 103.1 309.3



#70
Styrene
Concen: 24.105 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD065979.D
Acq: 21 Jul 2020 14:49

Tgt Ion:104 Resp: 234694
Ion Ratio Lower Upper
104 100
78 46.5 38.3 57.5
103 53.2 43.8 65.8





#71

Bromoform

Concen: 21.464 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

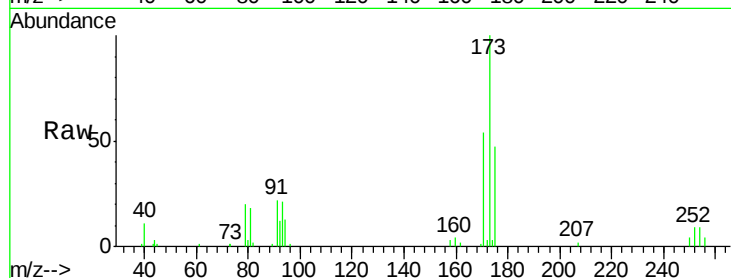
Tgt Ion:173 Resp: 43727

Ion Ratio Lower Upper

173 100

175 47.2 24.1 72.3

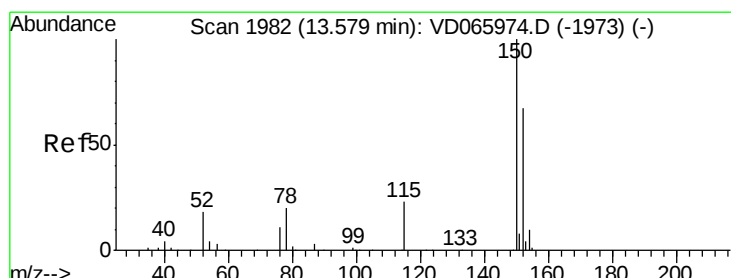
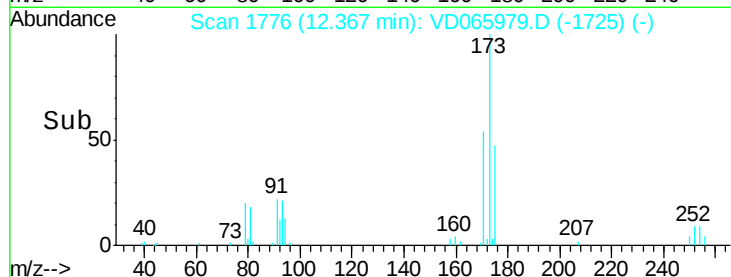
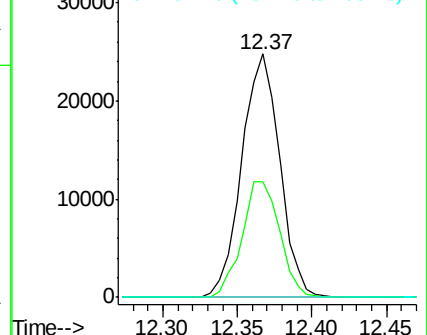
254 0.0 0.0 0.0



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# 1983

Delta R.T. 0.01 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

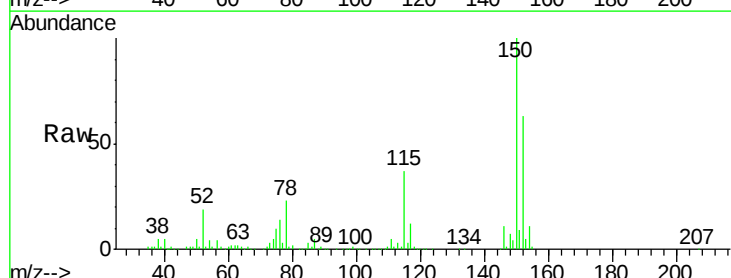
Tgt Ion:152 Resp: 260626

Ion Ratio Lower Upper

152 100

115 55.8 27.9 83.7

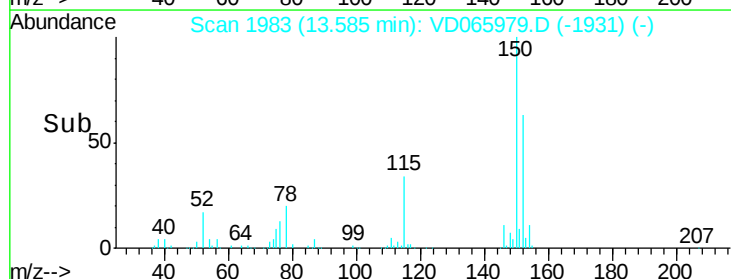
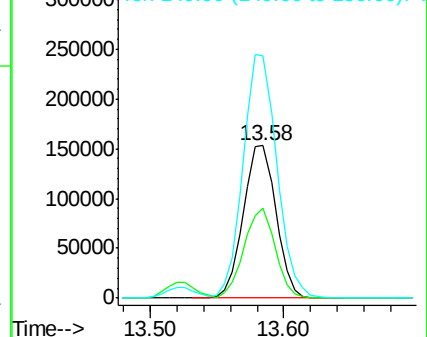
150 164.5 0.0 348.2

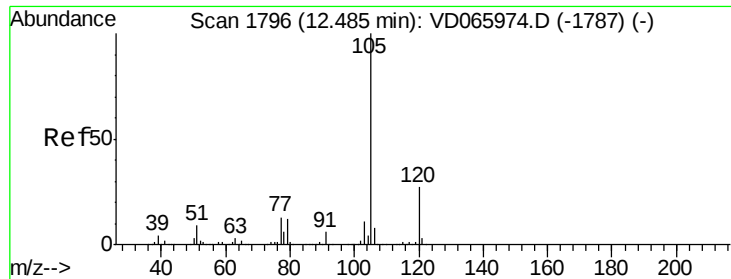


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.534 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

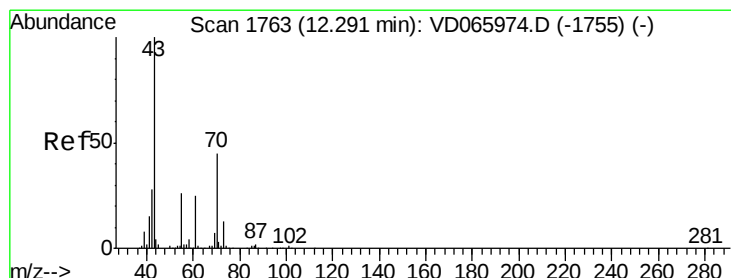
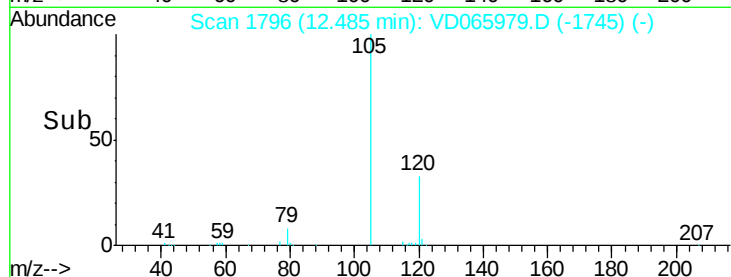
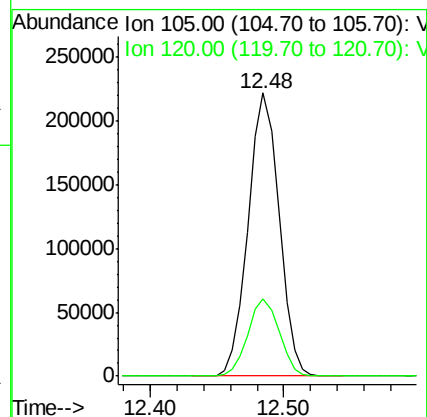
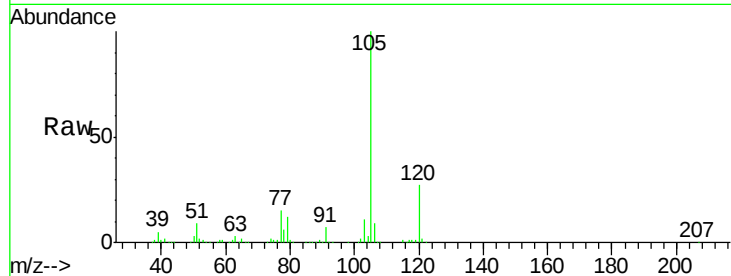
VD0721SBS01

Tgt Ion: 105 Resp: 355371

Ion Ratio Lower Upper

105 100

120 27.7 13.6 40.8



#74

N-ethyl acetate

Concen: 21.405 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Tgt Ion: 43 Resp: 69991

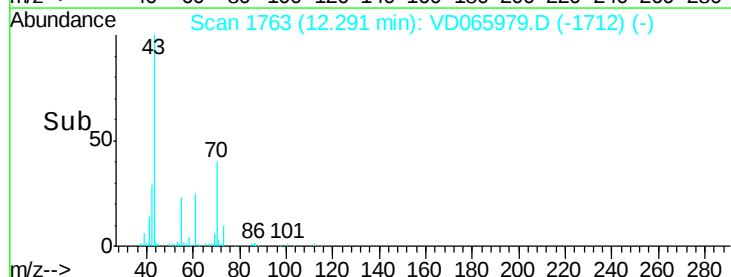
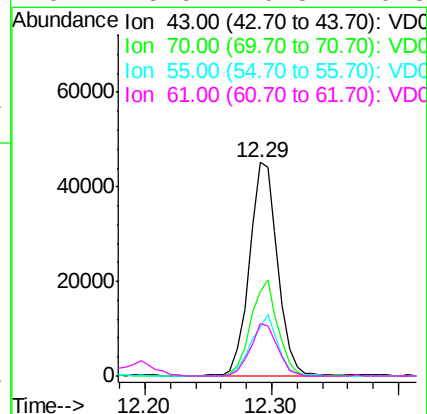
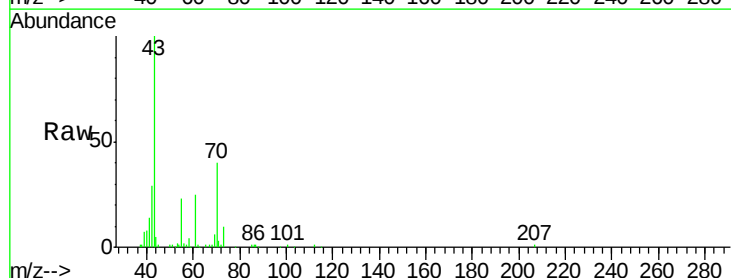
Ion Ratio Lower Upper

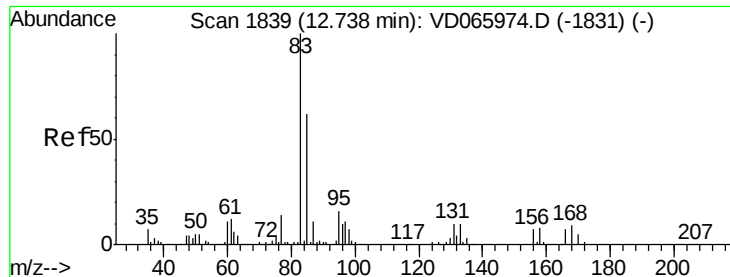
43 100

70 43.1 34.6 51.8

55 26.8 20.3 30.5

61 23.5 19.5 29.3

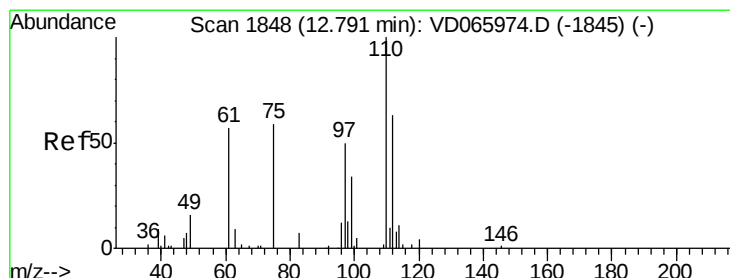
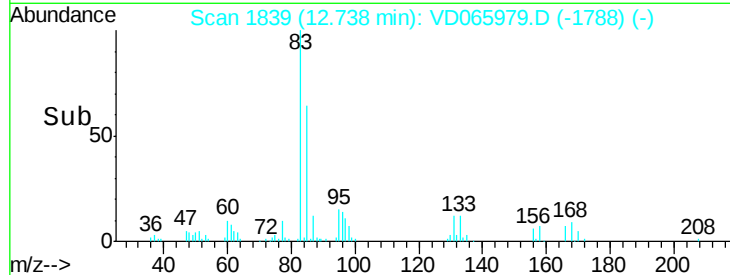
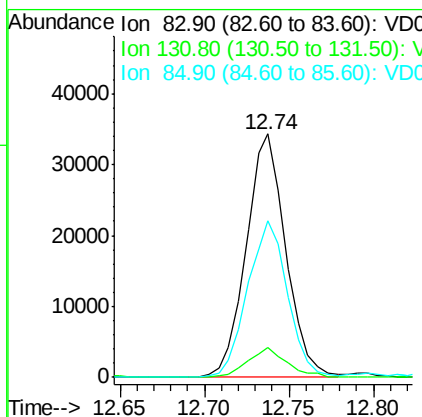
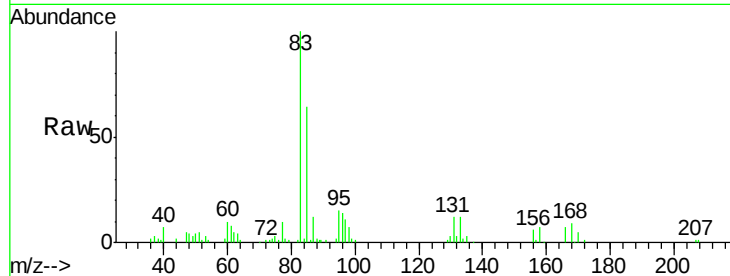




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.480 ug/l
 RT: 12.74 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: VD065979.D
 Acq: 21 Jul 2020 14:49

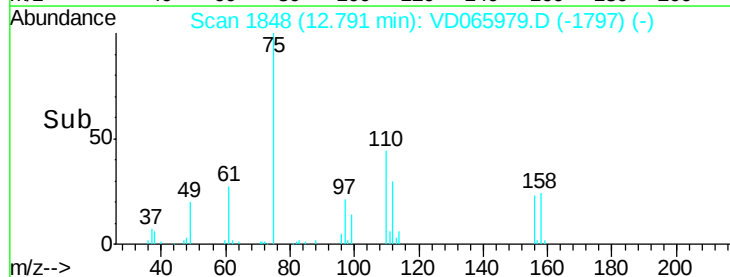
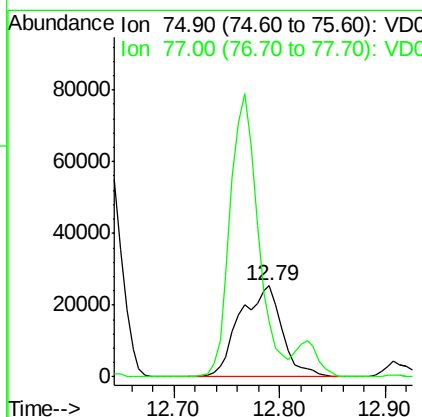
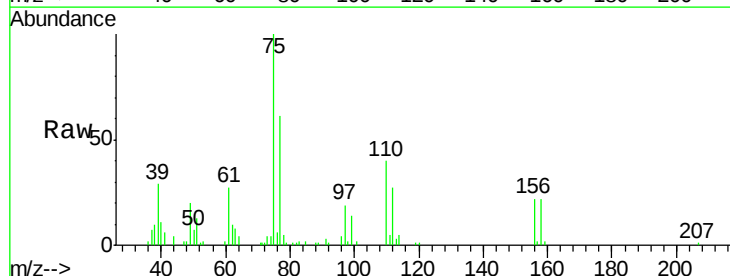
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBS01

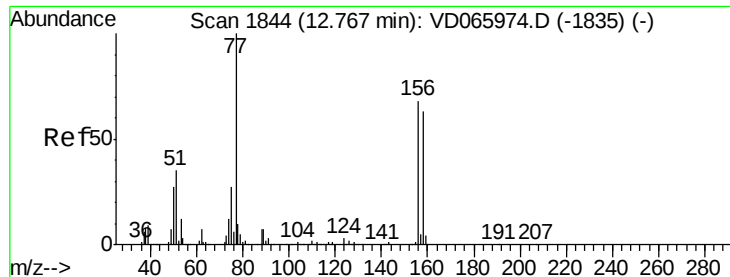
Tgt Ion: 83 Resp: 55983
 Ion Ratio Lower Upper
 83 100
 131 11.8 5.7 17.1
 85 65.0 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 36.098 ug/l
 RT: 12.79 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: VD065979.D
 Acq: 21 Jul 2020 14:49

Tgt Ion: 75 Resp: 70838
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.428 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

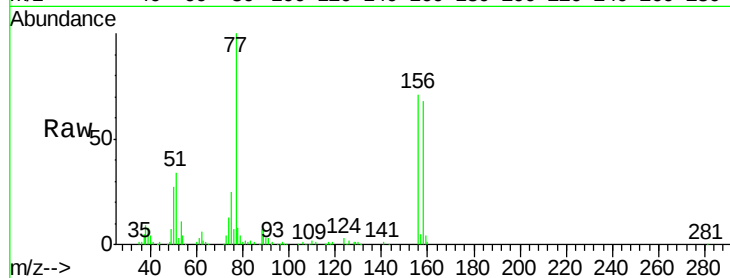
Tgt Ion:156 Resp: 90393

Ion Ratio Lower Upper

156 100

77 161.3 83.0 249.0

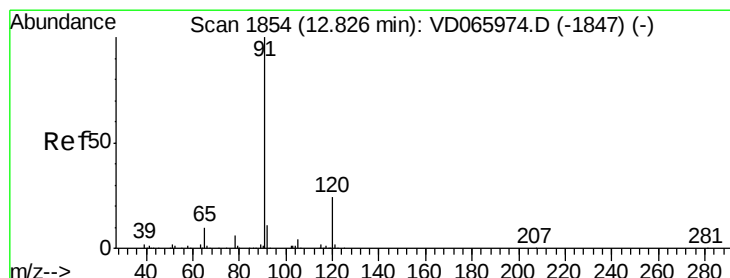
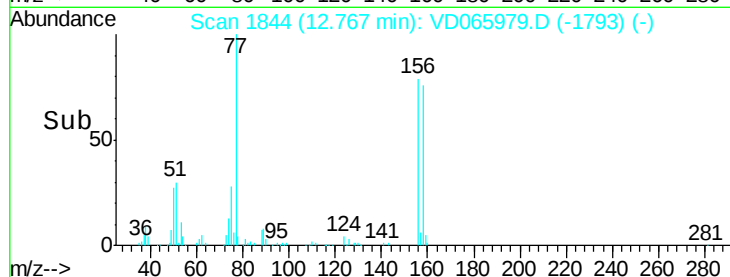
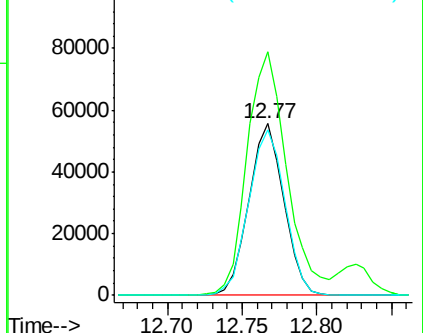
158 99.7 48.2 144.6



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: 23.210 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065979.D

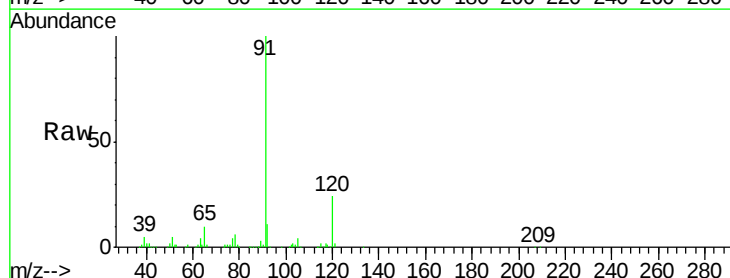
Acq: 21 Jul 2020 14:49

Tgt Ion: 91 Resp: 424742

Ion Ratio Lower Upper

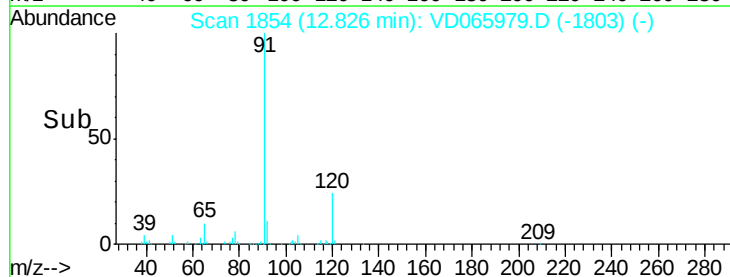
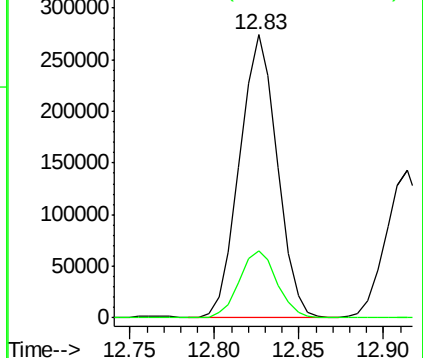
91 100

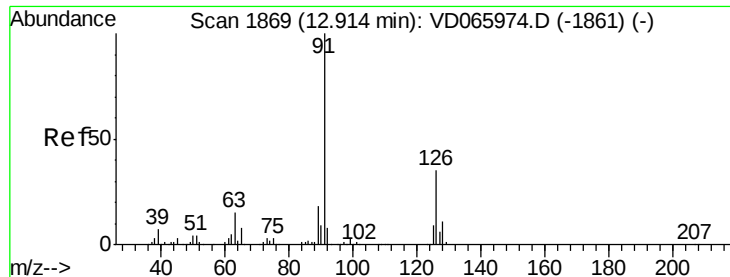
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.400 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

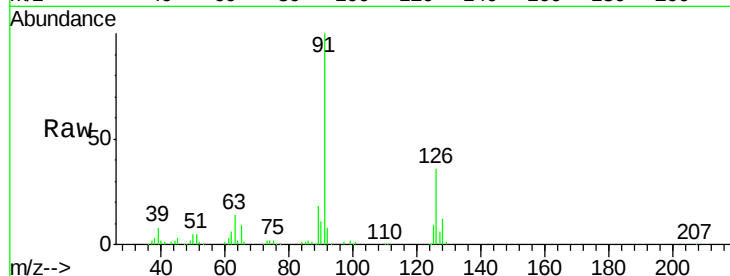
VD0721SBS01

Tgt Ion: 91 Resp: 234190

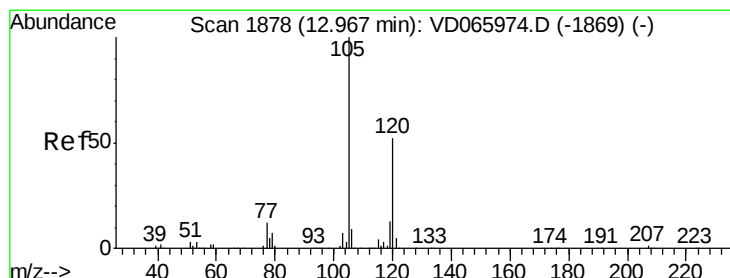
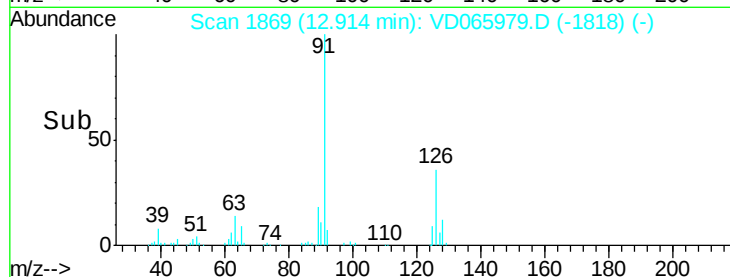
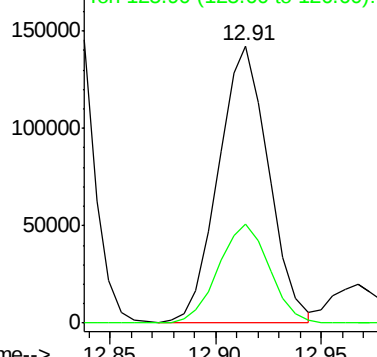
Ion Ratio Lower Upper

91 100

126 36.4 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 23.017 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065979.D

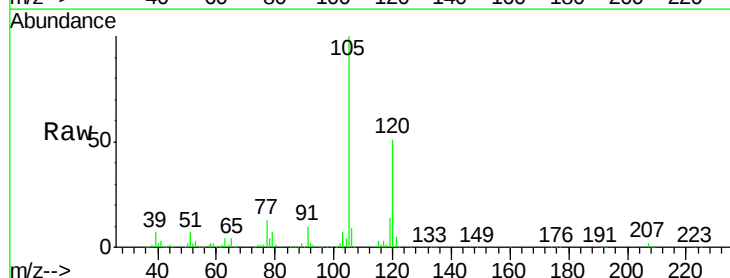
Acq: 21 Jul 2020 14:49

Tgt Ion: 105 Resp: 298218

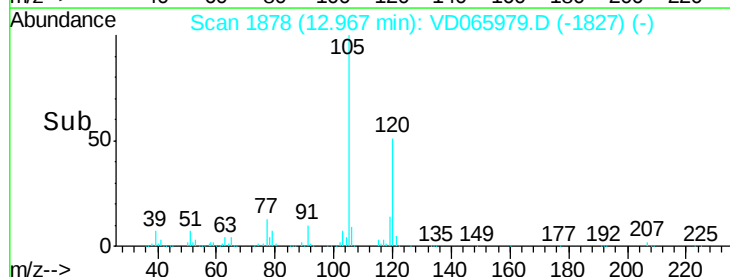
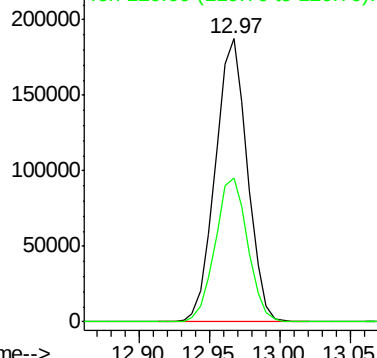
Ion Ratio Lower Upper

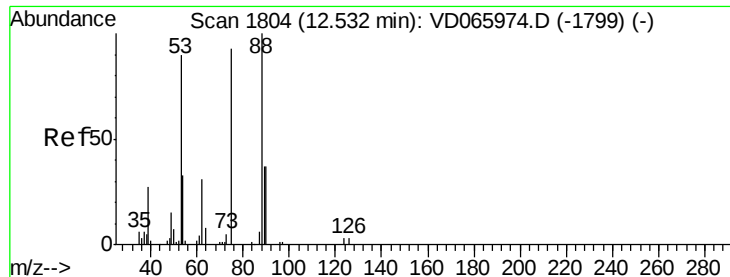
105 100

120 51.6 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.747 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

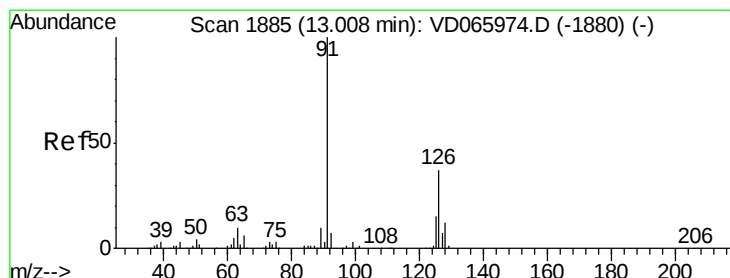
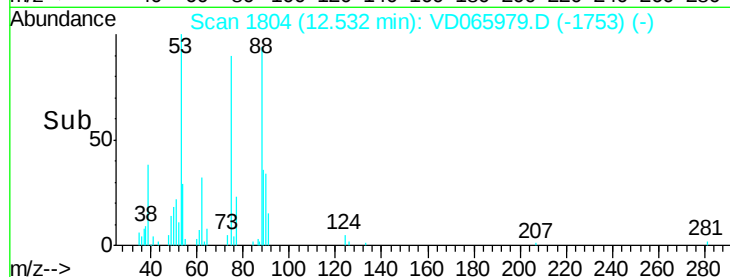
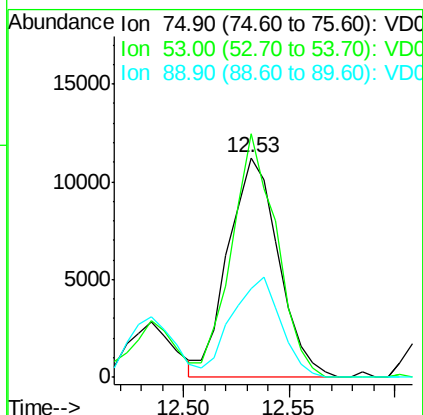
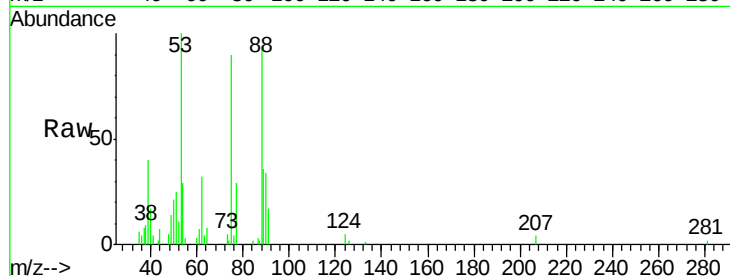
Tgt Ion: 75 Resp: 18598

Ion Ratio Lower Upper

75 100

53 99.5 76.8 115.2

89 44.1 37.0 55.4



#82

4-Chlorotoluene

Concen: 22.460 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD065979.D

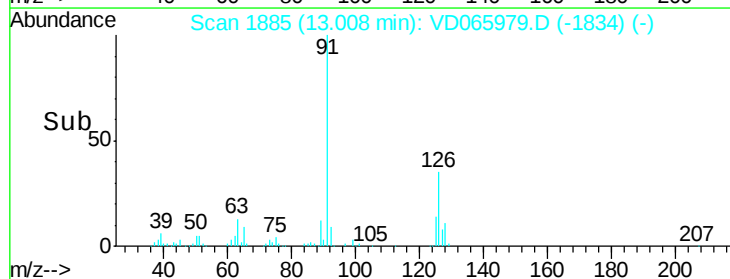
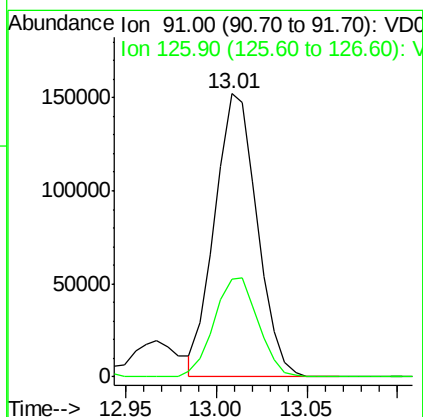
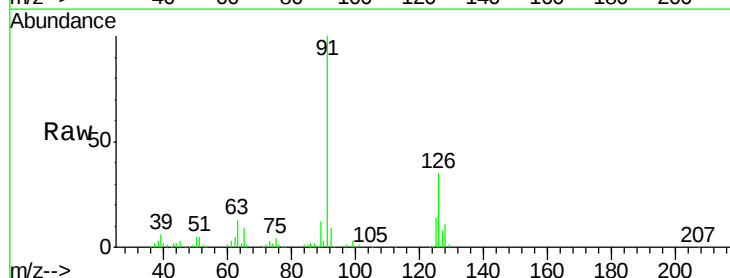
Acq: 21 Jul 2020 14:49

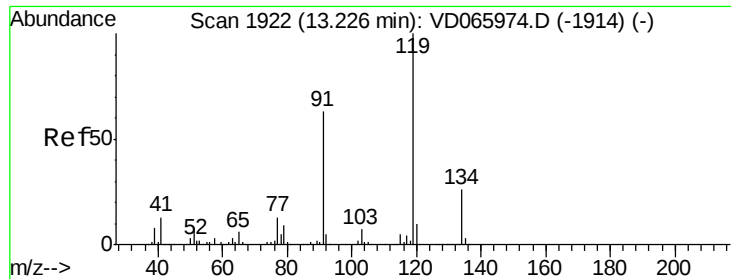
Tgt Ion: 91 Resp: 247850

Ion Ratio Lower Upper

91 100

126 36.5 17.8 53.5

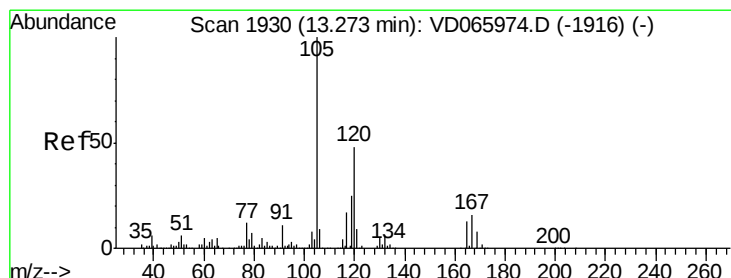
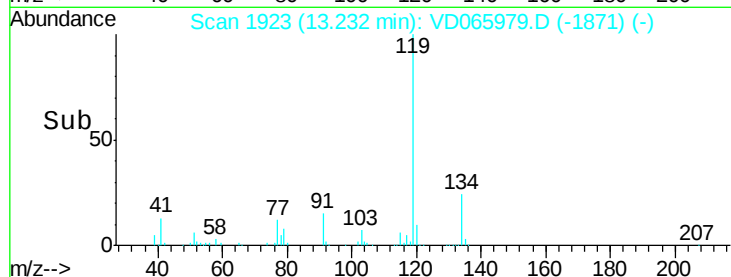
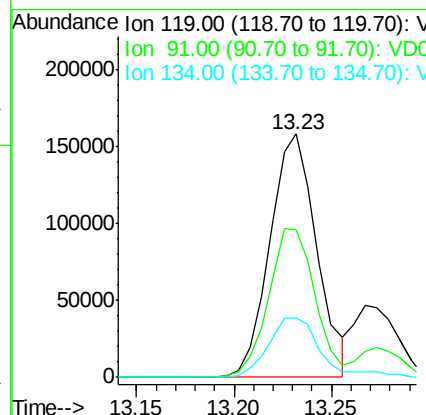
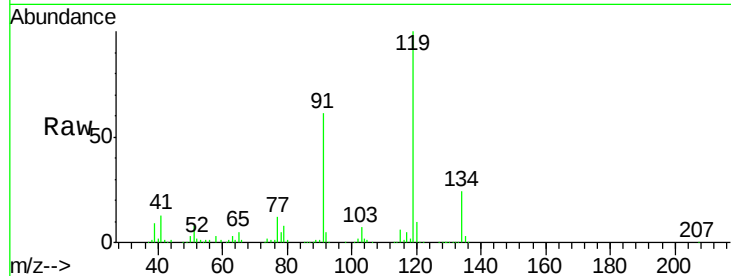




#83
 tert-Butylbenzene
 Concen: 23.126 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD065979.D
 Acq: 21 Jul 2020 14:49

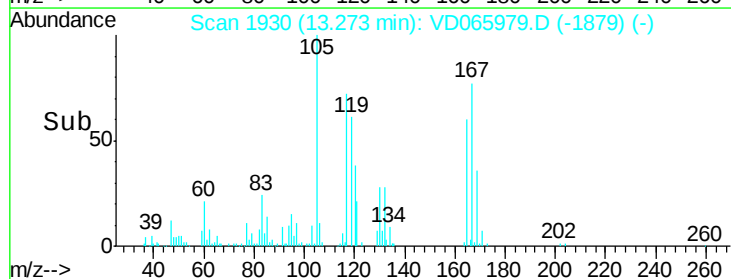
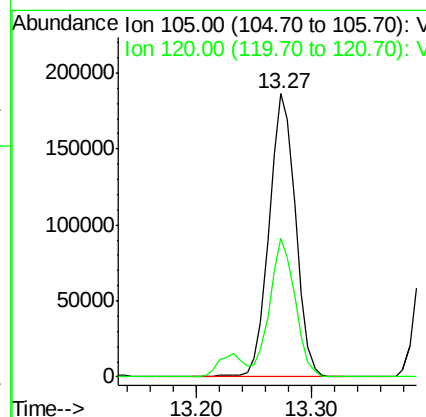
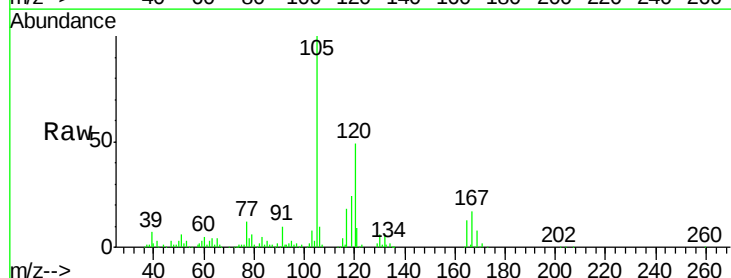
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBS01

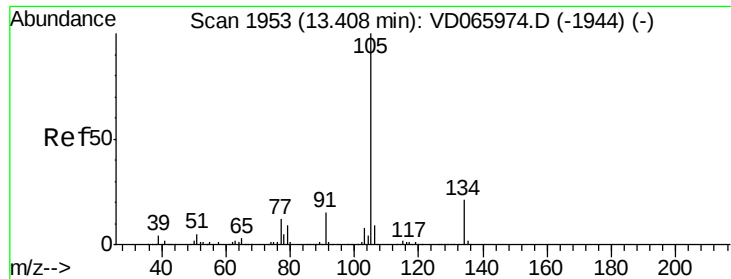
Tgt Ion:119 Resp: 262205
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.6 91.6
 134 27.4 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 23.292 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD065979.D
 Acq: 21 Jul 2020 14:49

Tgt Ion:105 Resp: 297735
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.9 71.8





#85

sec-Butylbenzene

Concen: 22.832 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

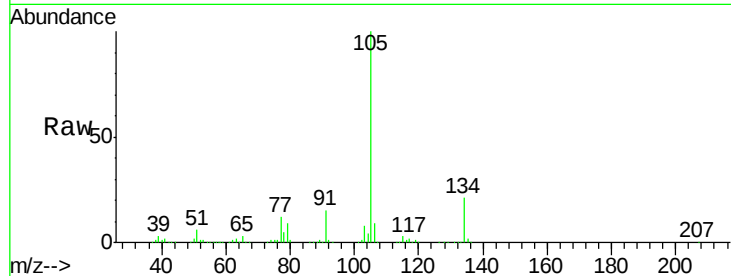
VD0721SBS01

Tgt Ion:105 Resp: 356563

Ion Ratio Lower Upper

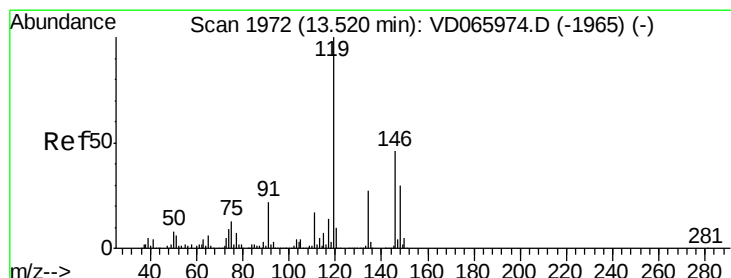
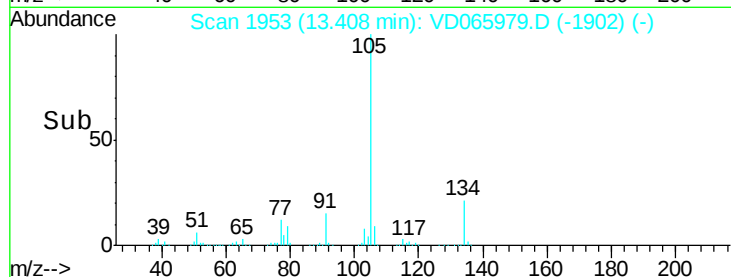
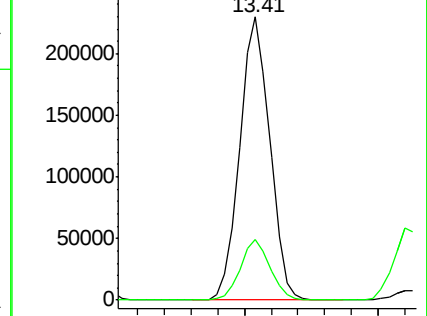
105 100

134 21.0 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 23.488 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

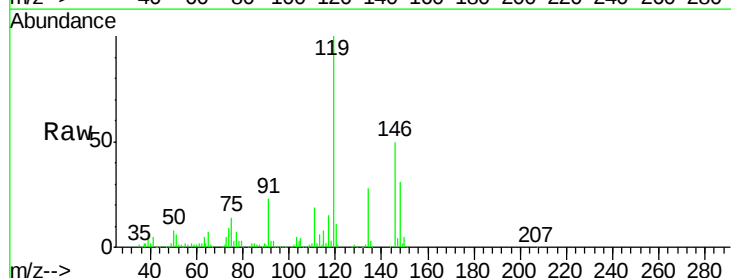
Tgt Ion:119 Resp: 333248

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

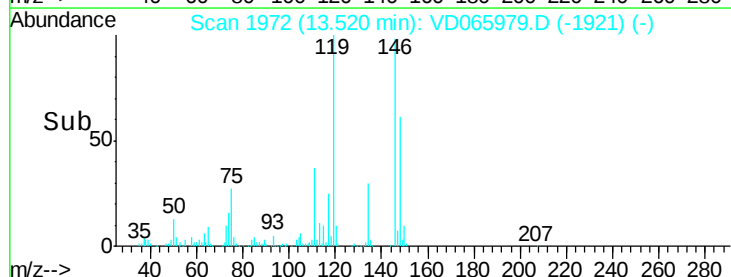
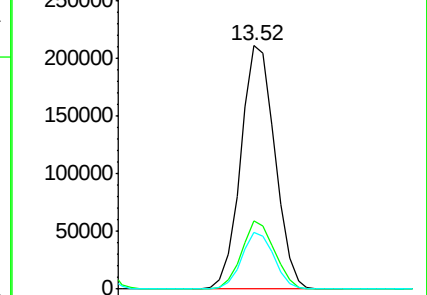
91 22.0 11.1 33.3

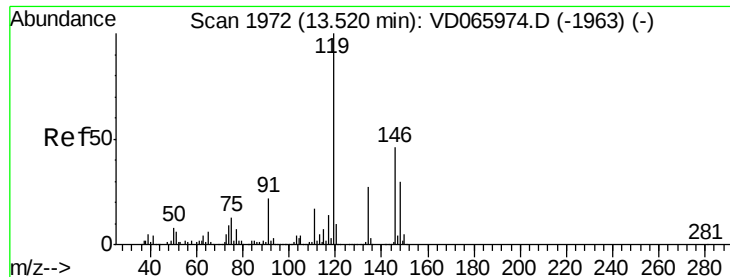


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

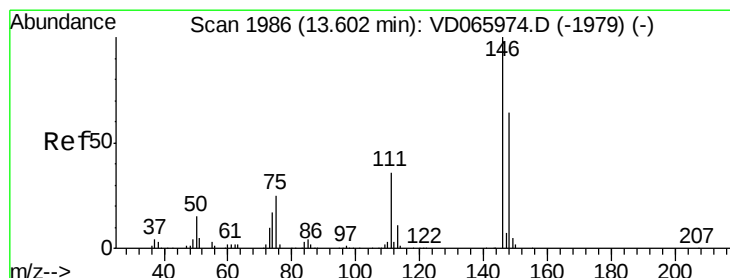
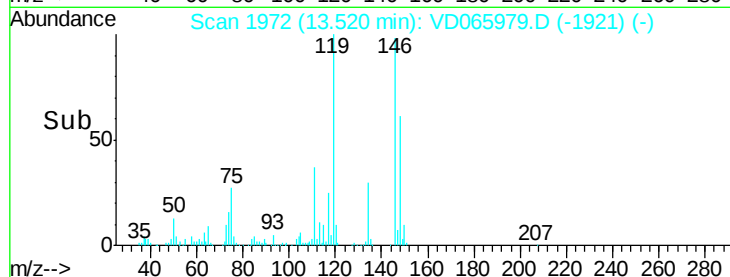
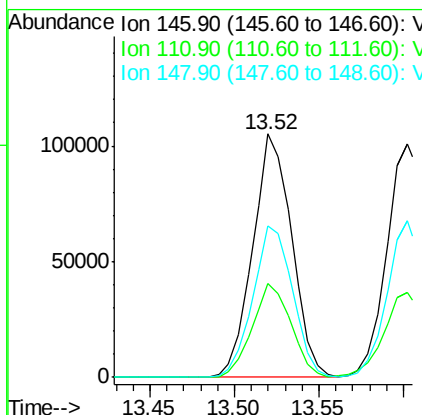
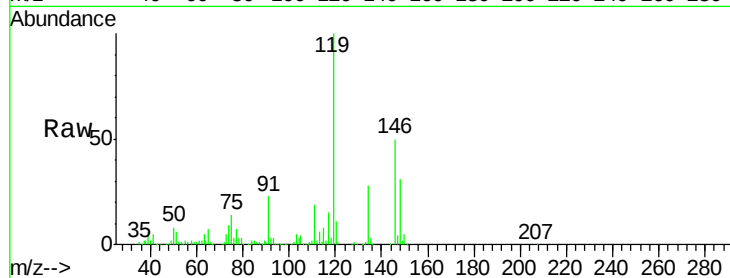




#87
 1,3-Dichlorobenzene
 Concen: 22.590 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065979.D
 Acq: 21 Jul 2020 14:49

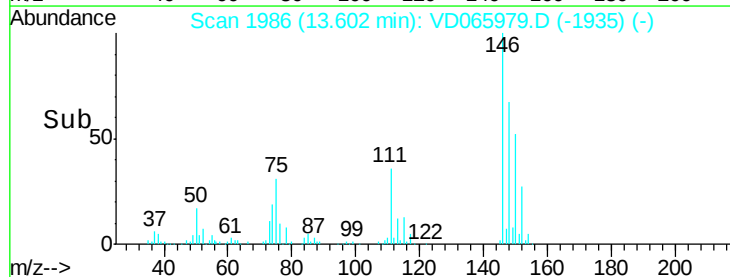
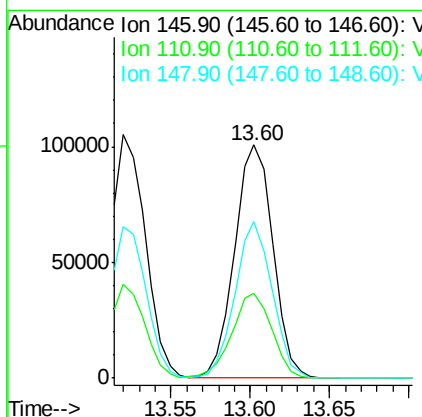
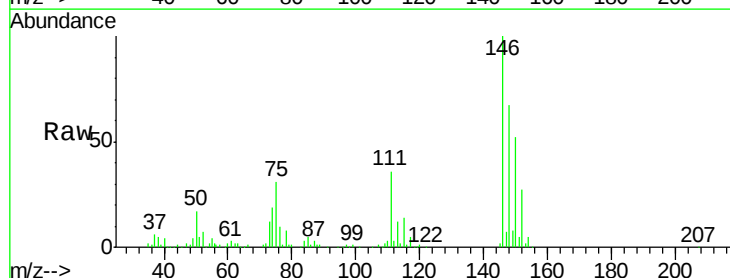
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBS01

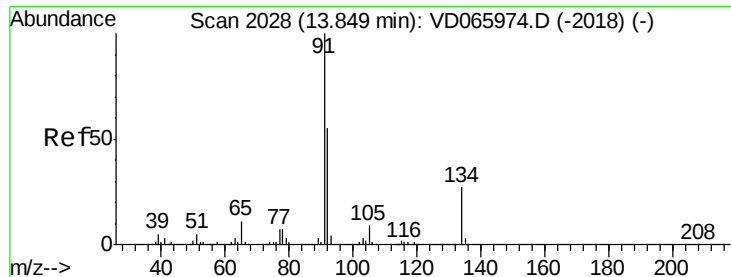
Tgt Ion:146 Resp: 169039
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.6 55.6
 148 63.3 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 22.369 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD065979.D
 Acq: 21 Jul 2020 14:49

Tgt Ion:146 Resp: 169210
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.8 56.4
 148 65.0 32.2 96.6

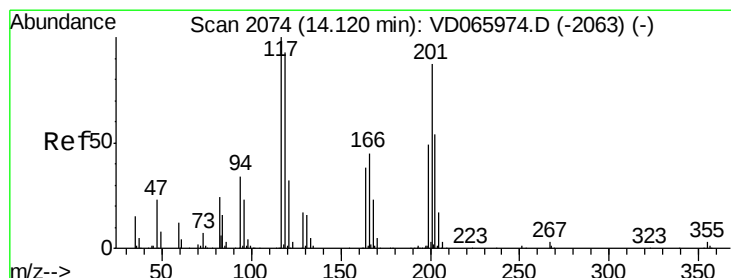
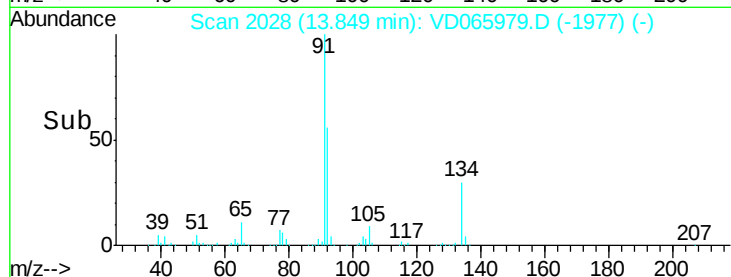
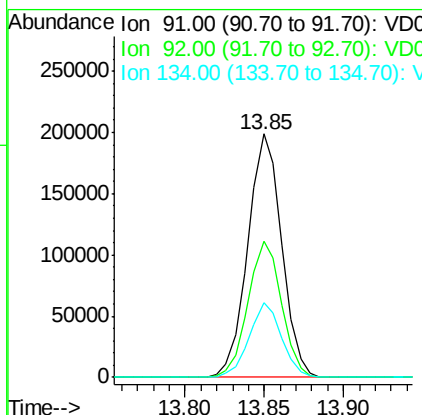
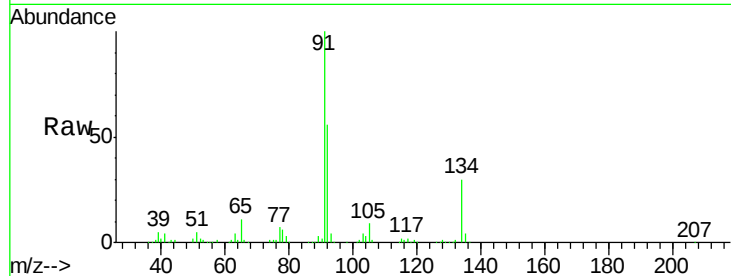




#89
n-Butylbenzene
Concen: 22.418 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065979.D
Acq: 21 Jul 2020 14:49

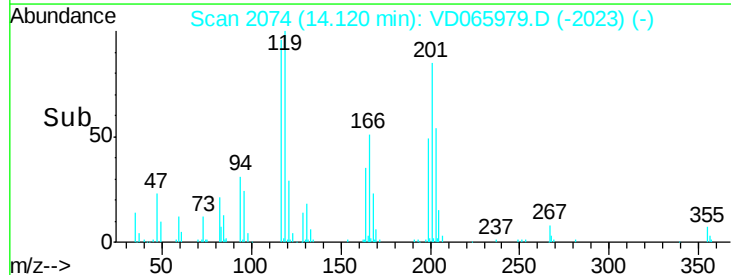
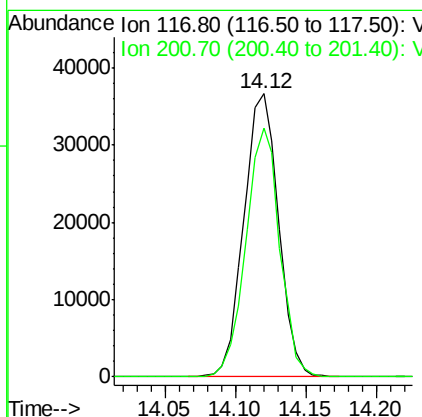
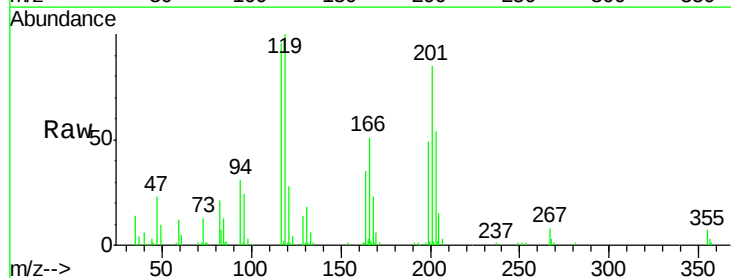
Instrument :
MSVOA_D
ClientSampleId :
VD0721SBS01

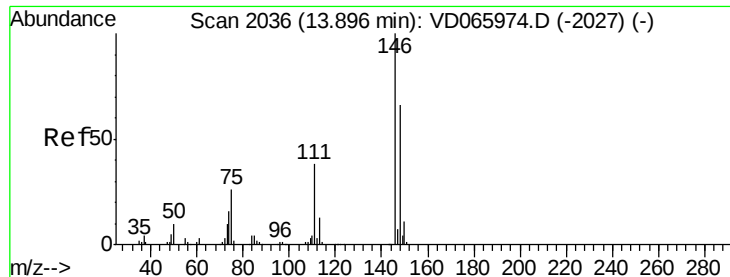
Tgt Ion: 91 Resp: 295745
Ion Ratio Lower Upper
91 100
92 55.3 27.2 81.6
134 29.1 13.8 41.4



#90
Hexachloroethane
Concen: 21.525 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065979.D
Acq: 21 Jul 2020 14:49

Tgt Ion: 117 Resp: 63219
Ion Ratio Lower Upper
117 100
201 85.8 42.0 126.1

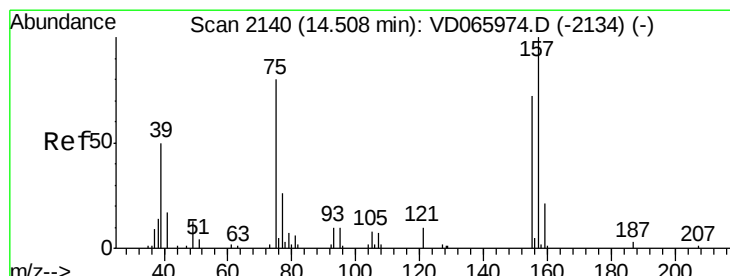
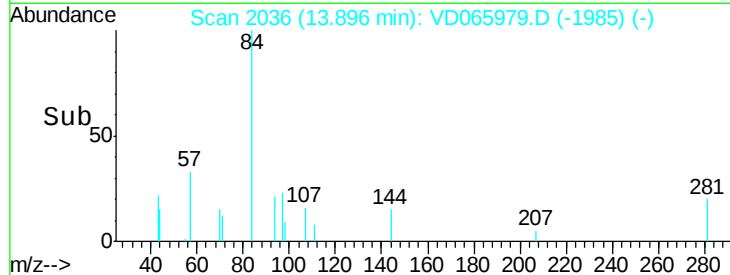
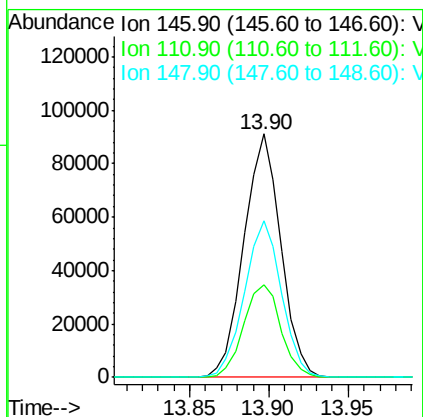
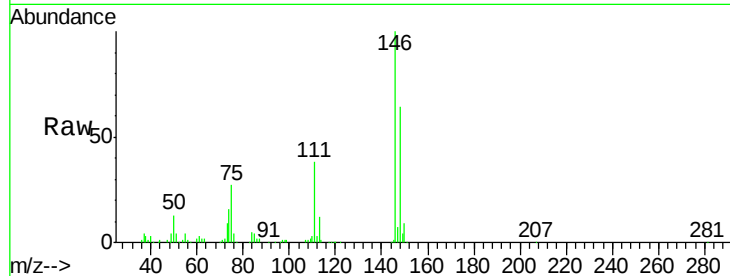




#91
 1,2-Dichlorobenzene
 Concen: 22.722 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD065979.D
 Acq: 21 Jul 2020 14:49

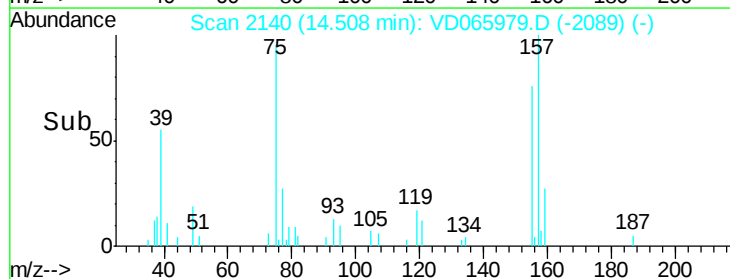
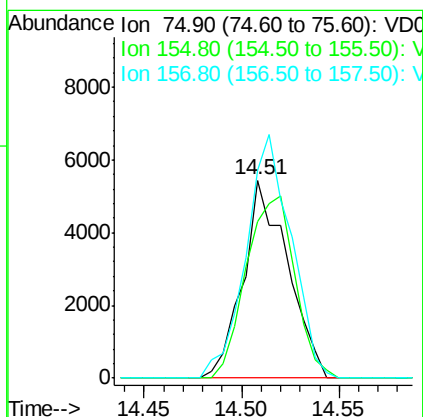
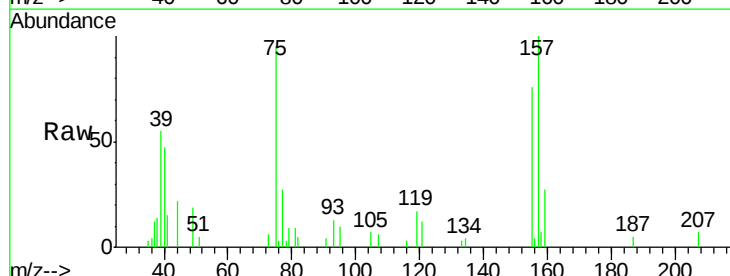
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBS01

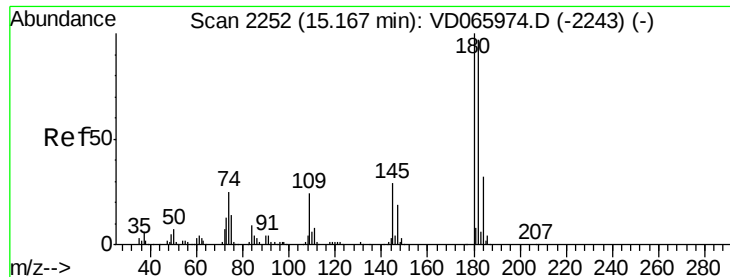
Tgt Ion:146 Resp: 147331
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.3 57.9
 148 64.5 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.157 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD065979.D
 Acq: 21 Jul 2020 14:49

Tgt Ion: 75 Resp: 8610
 Ion Ratio Lower Upper
 75 100
 155 100.2 48.5 145.5
 157 124.6 64.7 194.1

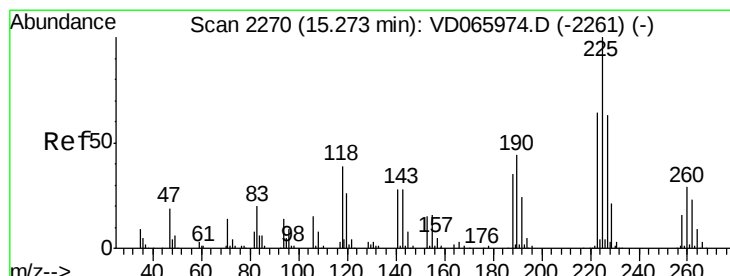
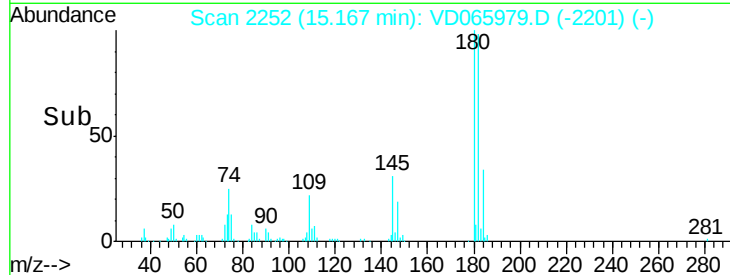
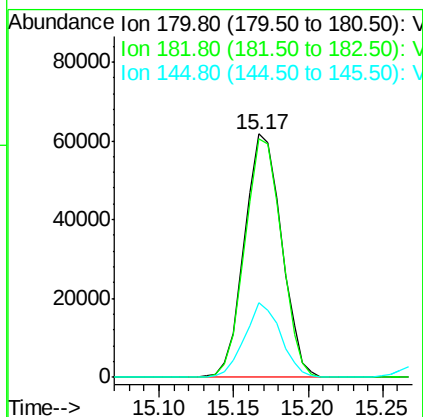
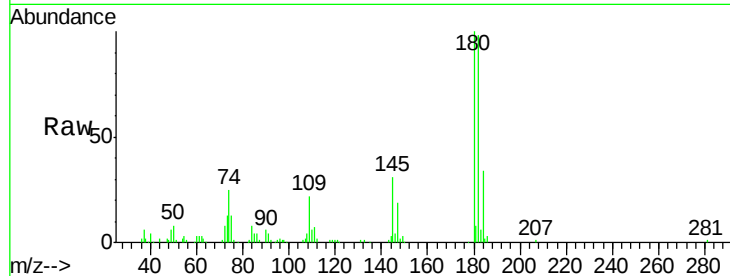




#93
 1,2,4-Trichlorobenzene
 Concen: 22.834 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD065979.D
 Acq: 21 Jul 2020 14:49

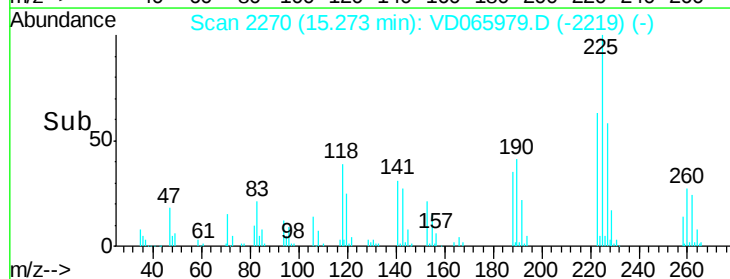
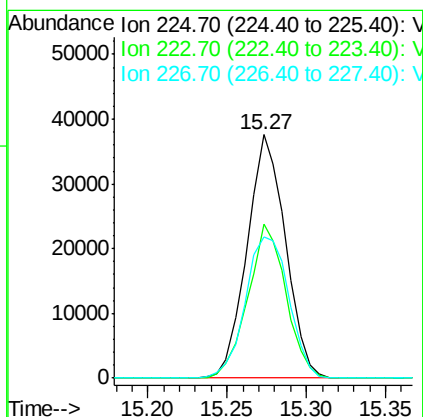
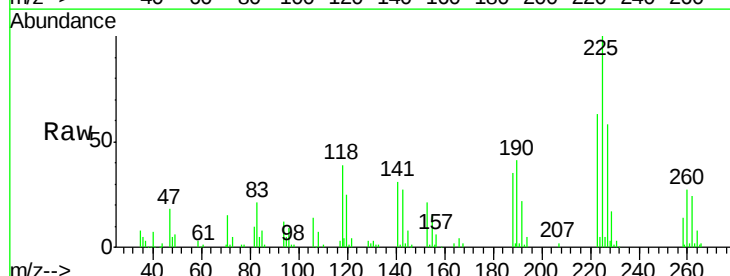
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBS01

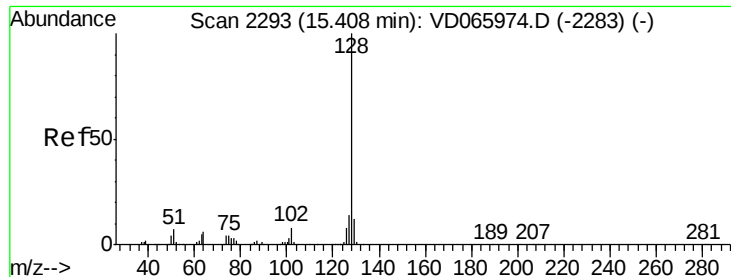
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.1	144.3
145	29.8	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 22.005 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD065979.D
 Acq: 21 Jul 2020 14:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.2	93.6
227	65.6	31.6	94.8





#95

Naphthalene

Concen: 21.623 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0721SBS01

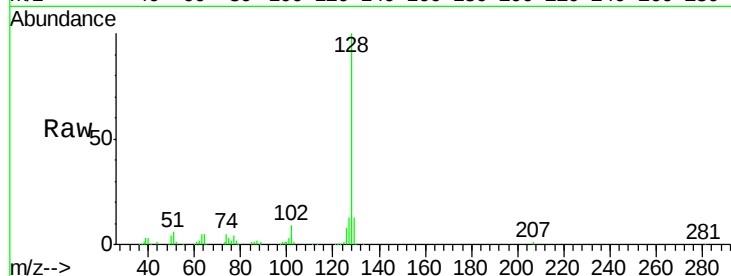
Tgt Ion:128 Resp: 161035

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

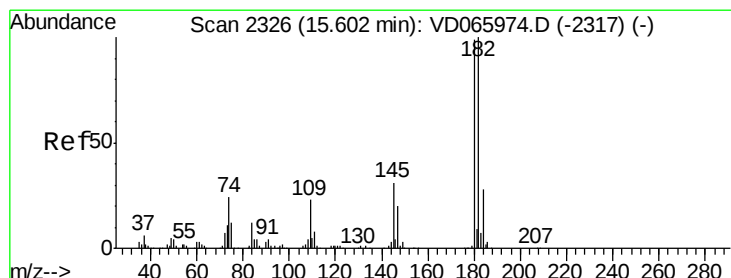
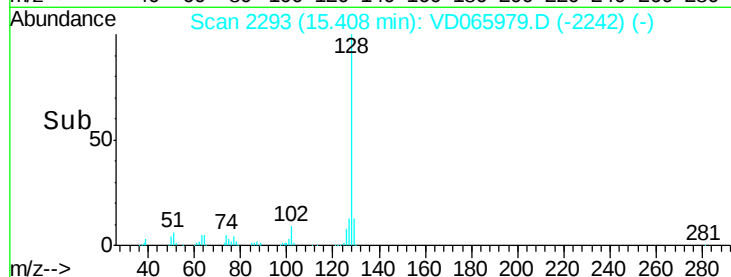
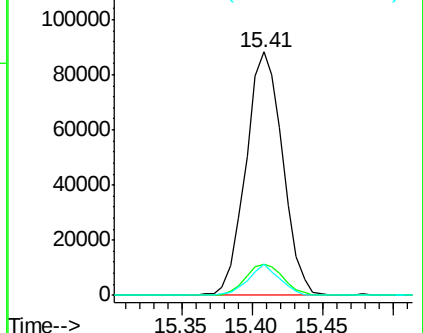
129 11.1 8.9 13.3



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: 22.801 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD065979.D

Acq: 21 Jul 2020 14:49

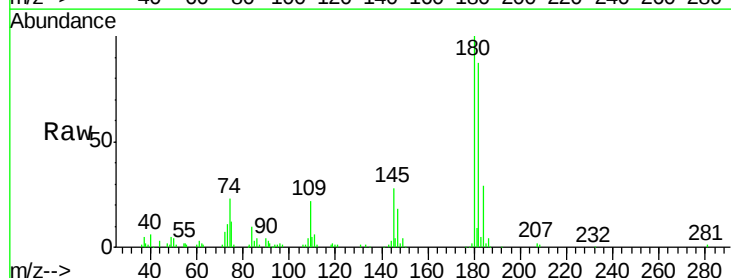
Tgt Ion:180 Resp: 92255

Ion Ratio Lower Upper

180 100

182 92.2 47.9 143.6

145 29.9 15.4 46.2



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

