

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072220\
 Data File : VD065995.D
 Acq On : 22 Jul 2020 12:16
 Operator : VA/SY
 Sample : VD0722SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0722SBS01

Quant Time: Jul 22 15:42:39 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	348670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	513256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	483758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	244321	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	147210	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
35) Dibromofluoromethane	7.91	113	157605	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	10.34	98	610903	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.64	95	207663	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	59271	22.400	ug/l	98
3) Chloromethane	2.21	50	48248	22.344	ug/l	97
4) Vinyl Chloride	2.35	62	44930	21.849	ug/l	95
5) Bromomethane	2.76	94	33075	19.845	ug/l	83
6) Chloroethane	2.92	64	27786	22.636	ug/l	91
7) Trichlorofluoromethane	3.27	101	108560	21.704	ug/l	94
8) Diethyl Ether	3.70	74	28499	20.614	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	65863	21.808	ug/l	100
10) Methyl Iodide	4.30	142	61877	25.520	ug/l	97
11) Tert butyl alcohol	5.21	59	24183	121.547	ug/l #	83
12) 1,1-Dichloroethene	4.07	96	61225	21.238	ug/l	96
13) Acrolein	3.91	56	24502	102.505	ug/l	99
14) Allyl chloride	4.71	41	96957	21.515	ug/l	97
15) Acrylonitrile	5.42	53	61400	103.954	ug/l	98
16) Acetone	4.16	43	52355	91.168	ug/l	97
17) Carbon Disulfide	4.41	76	197091	21.077	ug/l	98
18) Methyl Acetate	4.72	43	27560	20.630	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	127427	21.513	ug/l	99
20) Methylene Chloride	4.96	84	78227	23.037	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	68507	21.026	ug/l	98
22) Diisopropyl ether	6.36	45	194045	22.665	ug/l	98
23) Vinyl Acetate	6.30	43	526718	109.089	ug/l	99
24) 1,1-Dichloroethane	6.26	63	114086	21.993	ug/l	98
25) 2-Butanone	7.21	43	76468	100.351	ug/l	100
26) 2,2-Dichloropropane	7.20	77	103825	22.257	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	74427	21.575	ug/l	98
28) Bromochloromethane	7.54	49	45403	20.622	ug/l	95
29) Tetrahydrofuran	7.56	42	49323	104.907	ug/l	99
30) Chloroform	7.71	83	118703	21.876	ug/l	96
31) Cyclohexane	7.98	56	104515	20.479	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	110499	22.015	ug/l	98
36) 1,1-Dichloropropene	8.11	75	94313	21.531	ug/l	99
37) Ethyl Acetate	7.29	43	36170	21.621	ug/l	96
38) Carbon Tetrachloride	8.10	117	101185	21.289	ug/l	96

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 Data File : VD065995.D
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 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Jul 22 15:42:39 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)
39) Methylcyclohexane	9.36	83	111802	21.076	ug/l	95
40) Benzene	8.35	78	267030	21.790	ug/l	96
41) Methacrylonitrile	7.52	41	14912	15.561	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	73102	21.769	ug/l	99
43) Isopropyl Acetate	8.45	43	66765	20.434	ug/l	100
44) Trichloroethene	9.11	130	79589	21.461	ug/l	91
45) 1,2-Dichloropropane	9.39	63	64602	21.766	ug/l	96
46) Dibromomethane	9.48	93	34711	21.725	ug/l	96
47) Bromodichloromethane	9.66	83	90801	21.493	ug/l	98
48) Methyl methacrylate	9.46	41	32002	19.417	ug/l	93
49) 1,4-Dioxane	9.46	88	7706	416.290	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	174912	106.247	ug/l	99
52) Toluene	10.41	92	177128	22.164	ug/l	96
53) t-1,3-Dichloropropene	10.63	75	85351	21.685	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	102835	21.554	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	47329	20.886	ug/l	93
56) Ethyl methacrylate	10.66	69	56397	21.406	ug/l	98
57) 1,3-Dichloropropane	10.95	76	83453	22.246	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	140542	111.668	ug/l	98
59) 2-Hexanone	10.99	43	115646	101.368	ug/l	95
60) Dibromochloromethane	11.14	129	66945	21.911	ug/l	100
61) 1,2-Dibromoethane	11.25	107	46647	21.350	ug/l	96
64) Tetrachloroethene	10.88	164	69305	21.107	ug/l	96
65) Chlorobenzene	11.67	112	192683	21.754	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	70439	21.538	ug/l	96
67) Ethyl Benzene	11.75	91	328074	21.523	ug/l	98
68) m/p-Xylenes	11.86	106	263972	45.056	ug/l	98
69) o-Xylene	12.18	106	118064	22.156	ug/l	100
70) Styrene	12.20	104	206868	22.595	ug/l	99
71) Bromoform	12.36	173	40907	21.353	ug/l #	98
73) Isopropylbenzene	12.48	105	322184	21.793	ug/l	100
74) N-amyl acetate	12.29	43	62448	20.373	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	51398	21.037	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	65930	35.839	ug/l #	100
77) Bromobenzene	12.77	156	84736	22.427	ug/l	95
78) n-propylbenzene	12.83	91	379469	22.120	ug/l	100
79) 2-Chlorotoluene	12.91	91	216688	22.109	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	271551	22.357	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	16803	20.959	ug/l	99
82) 4-Chlorotoluene	13.01	91	235758	22.790	ug/l	99
83) tert-Butylbenzene	13.23	119	235588	22.166	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	267244	22.302	ug/l	100
85) sec-Butylbenzene	13.41	105	317869	21.713	ug/l	98
86) p-Isopropyltoluene	13.52	119	305223	22.949	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	155604	22.183	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	156092	22.012	ug/l	100
89) n-Butylbenzene	13.85	91	267639	21.642	ug/l	99
90) Hexachloroethane	14.12	117	58561	21.269	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	132600	21.815	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8137	20.321	ug/l	94

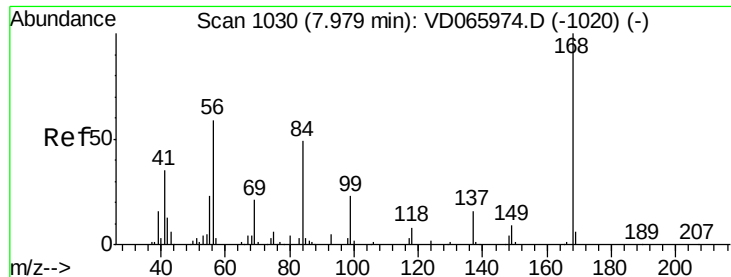
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD072220\
Data File : VD065995.D
Acq On : 22 Jul 2020 12:16
Operator : VA/SY
Sample : VD0722SBS01
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Instrument :
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Quant Time: Jul 22 15:42:39 2020
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Quant 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)
93) 1,2,4-Trichlorobenzene	15.17	180	96226	22.055	ug/l	99
94) Hexachlorobutadiene	15.28	225	57638	21.368	ug/l	99
95) Naphthalene	15.41	128	144831	20.889	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	82423	21.730	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

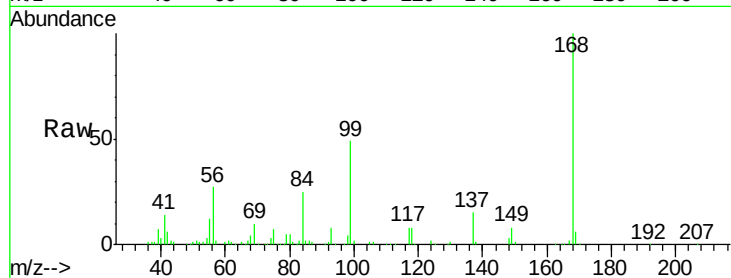
VD0722SBS01

Tgt Ion:168 Resp: 348670

Ion Ratio Lower Upper

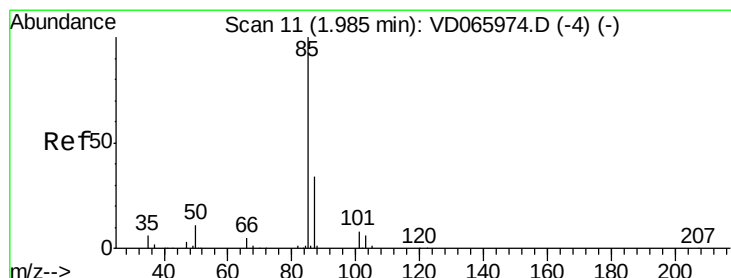
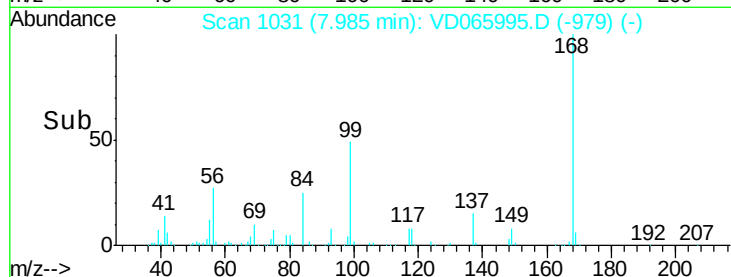
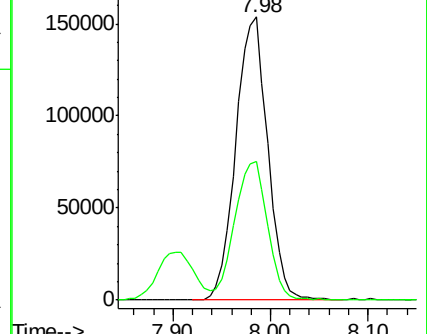
168 100

99 48.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 22.400 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065995.D

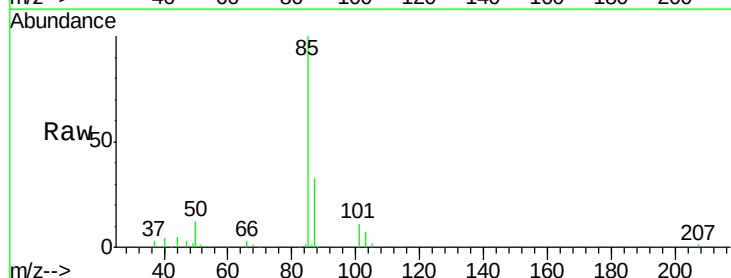
Acq: 22 Jul 2020 12:16

Tgt Ion: 85 Resp: 59271

Ion Ratio Lower Upper

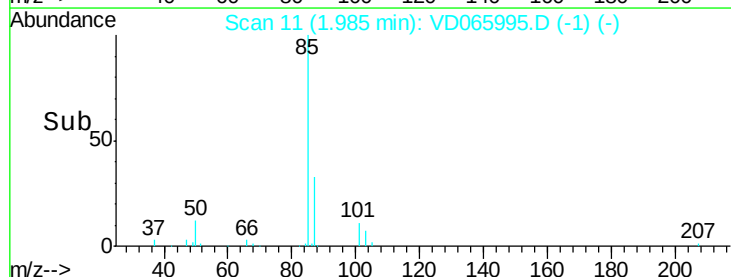
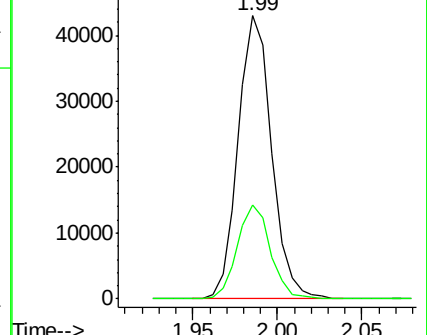
85 100

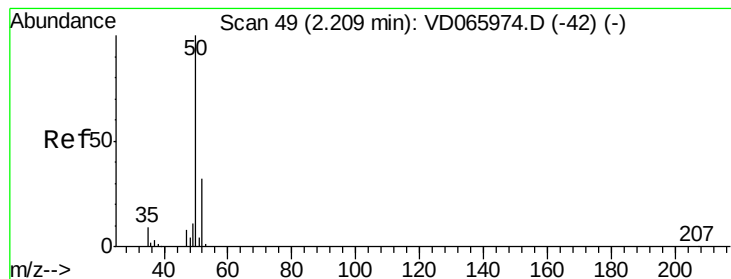
87 33.4 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 22.344 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

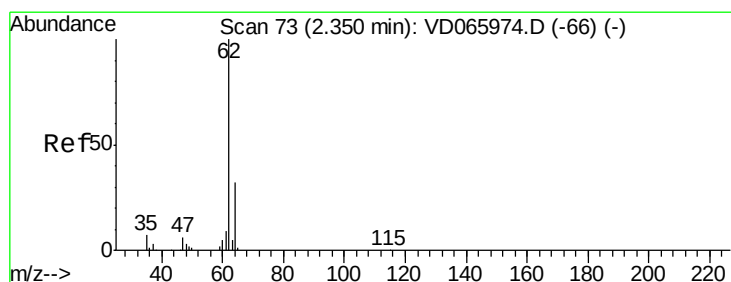
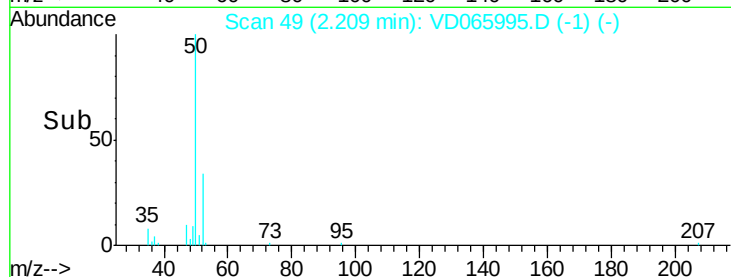
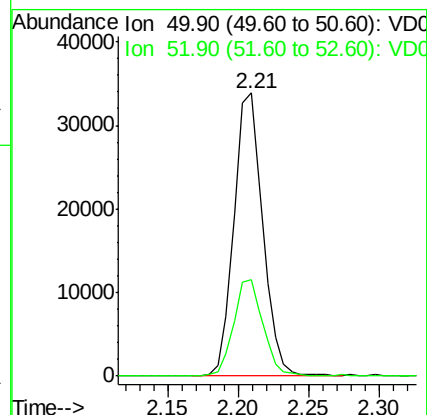
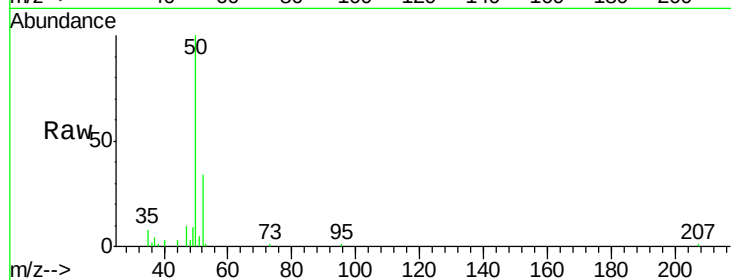
VD0722SBS01

Tgt Ion: 50 Resp: 48248

Ion Ratio Lower Upper

50 100

52 34.1 25.8 38.8



#4

Vinyl Chloride

Concen: 21.849 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065995.D

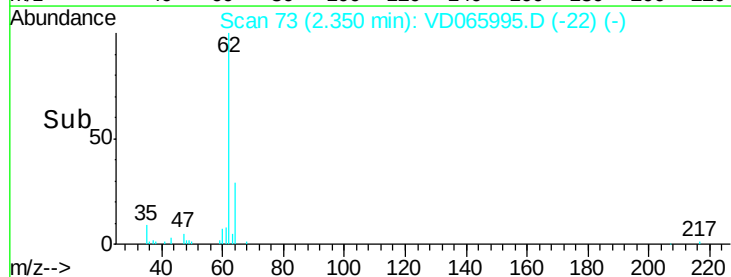
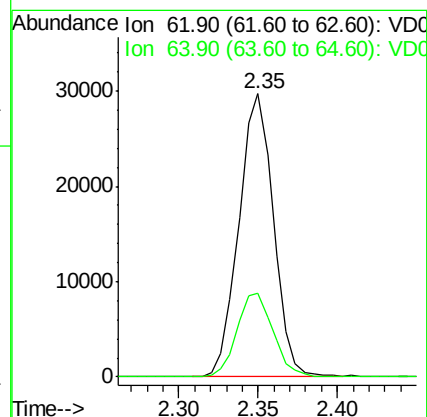
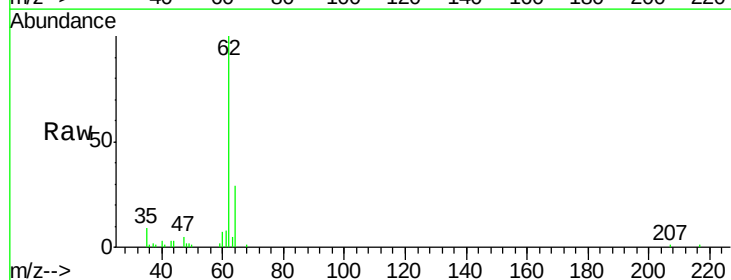
Acq: 22 Jul 2020 12:16

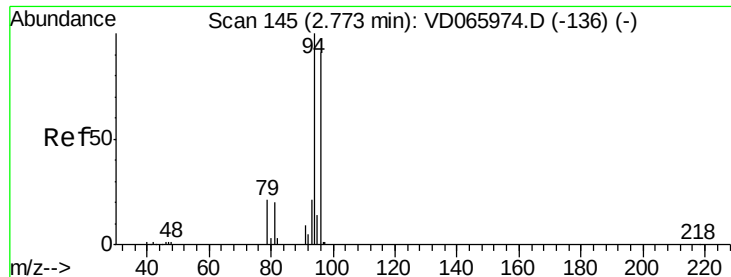
Tgt Ion: 62 Resp: 44930

Ion Ratio Lower Upper

62 100

64 29.4 25.8 38.8





#5

Bromomethane

Concen: 19.845 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

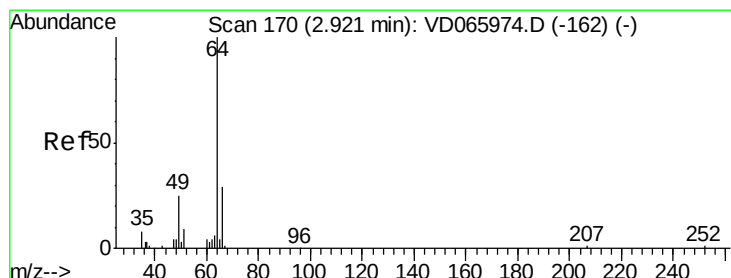
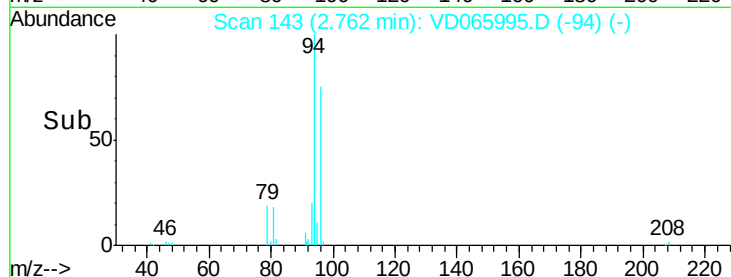
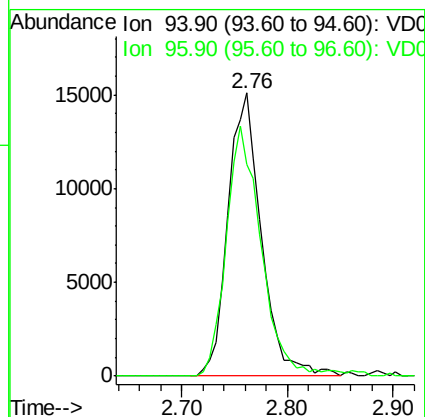
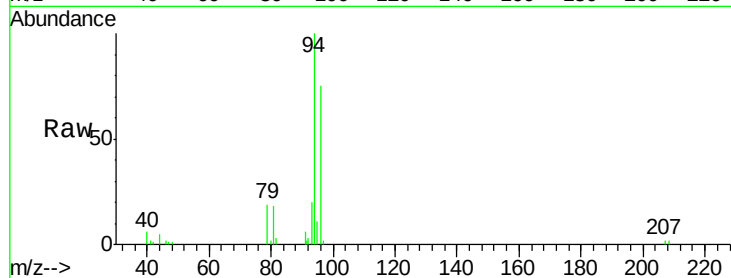
VD0722SBS01

Tgt Ion: 94 Resp: 33075

Ion Ratio Lower Upper

94 100

96 74.9 73.0 109.4



#6

Chloroethane

Concen: 22.636 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD065995.D

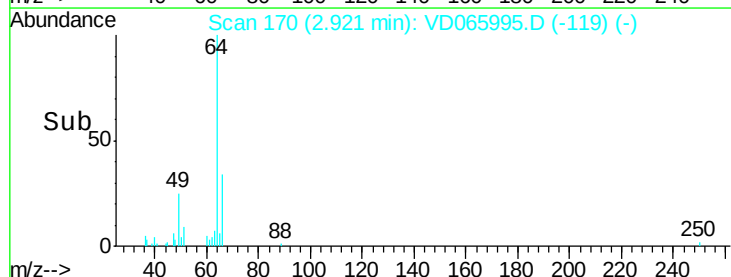
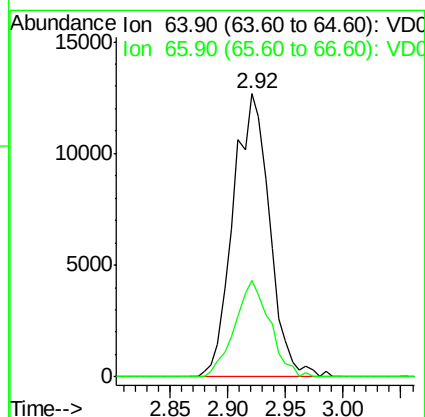
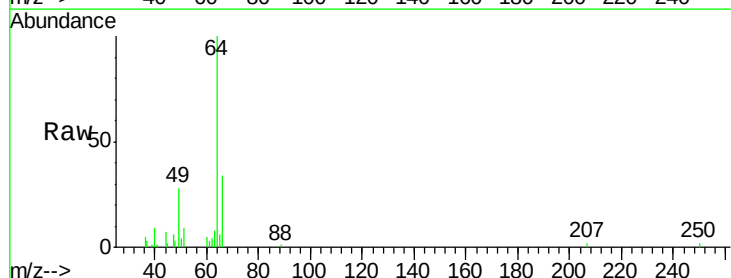
Acq: 22 Jul 2020 12:16

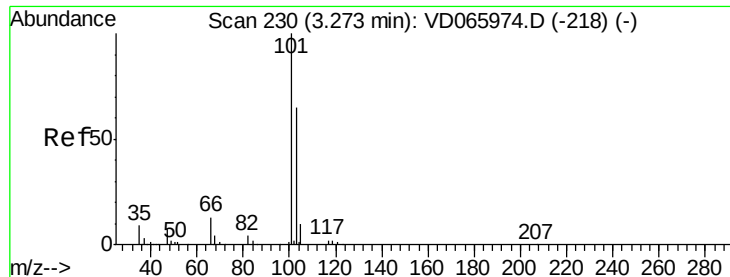
Tgt Ion: 64 Resp: 27786

Ion Ratio Lower Upper

64 100

66 34.1 23.4 35.0



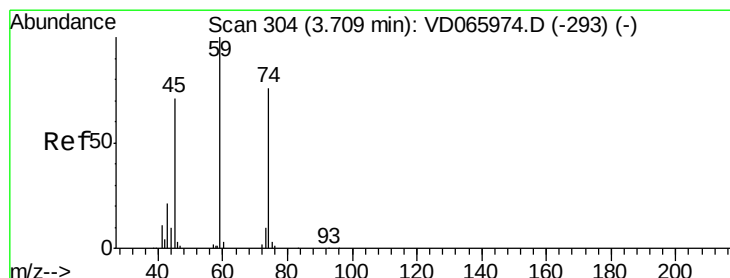
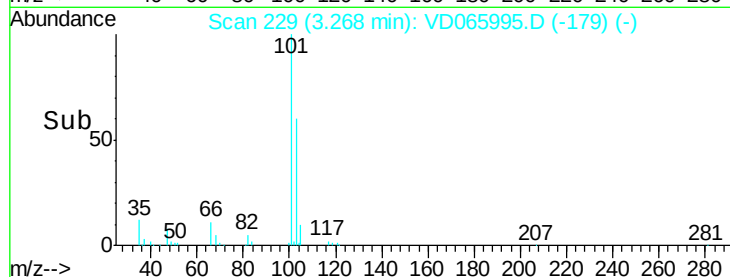
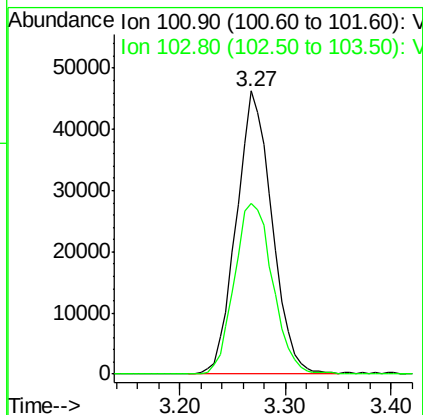
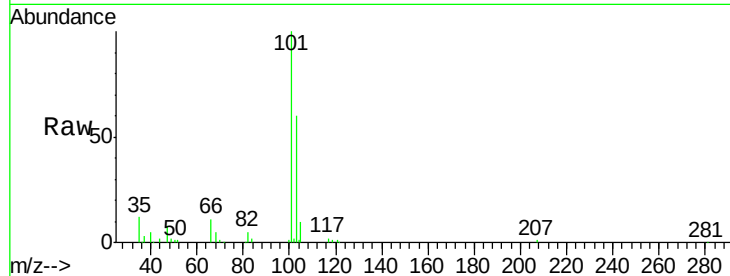


#7

Trichlorofluoromethane
Concen: 21.704 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Instrument :
MSVOA_D
ClientSampleId :
VD0722SBS01

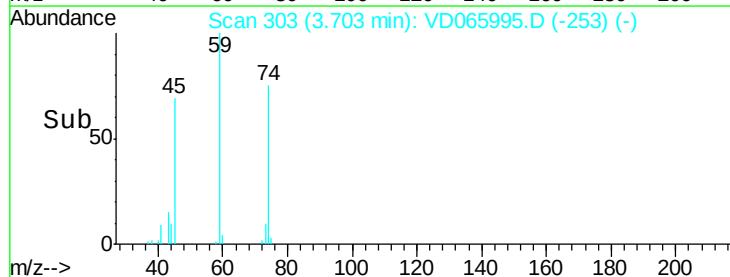
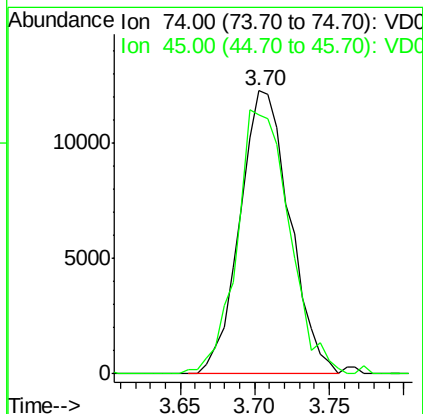
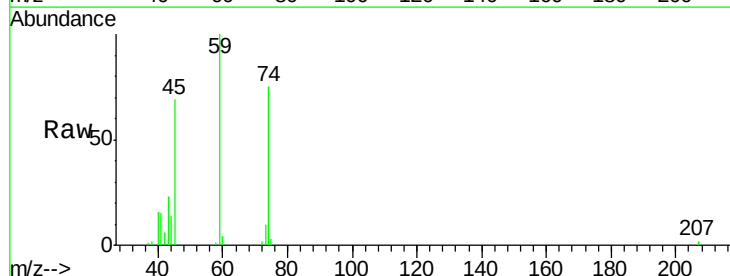
Tgt Ion: 101 Resp: 108560
Ion Ratio Lower Upper
101 100
103 60.3 52.1 78.1

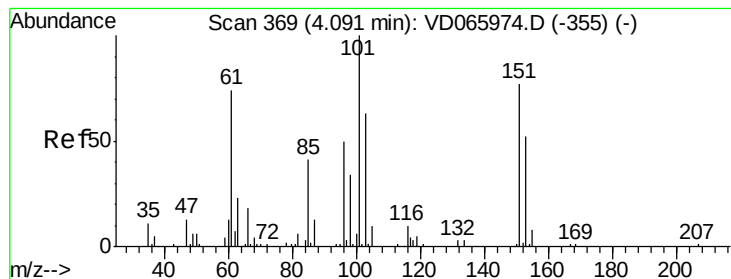


#8

Diethyl Ether
Concen: 20.614 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Tgt Ion: 74 Resp: 28499
Ion Ratio Lower Upper
74 100
45 97.7 49.9 149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.808 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0722SBS01

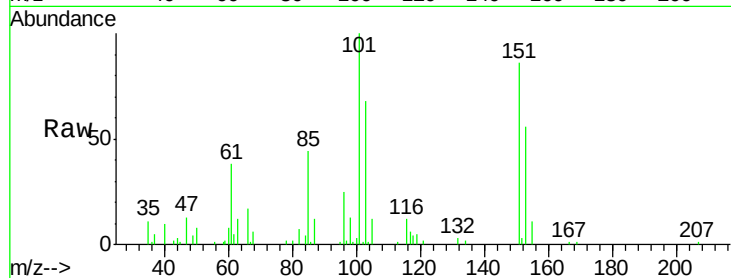
Tgt Ion:101 Resp: 65863

Ion Ratio Lower Upper

101 100

85 42.4 33.6 50.4

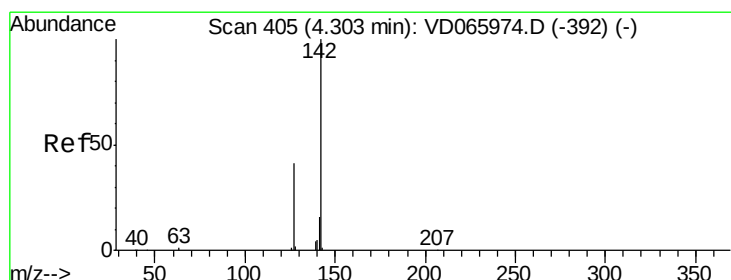
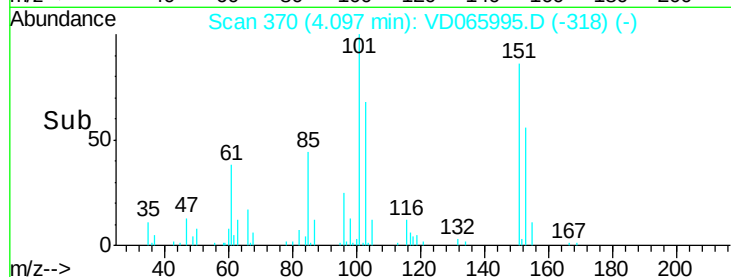
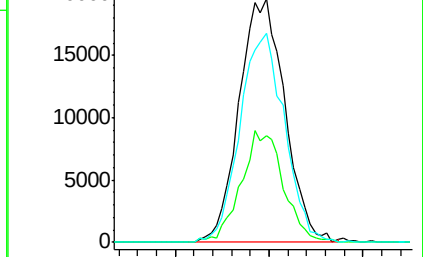
151 83.5 66.6 99.8



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: 25.520 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

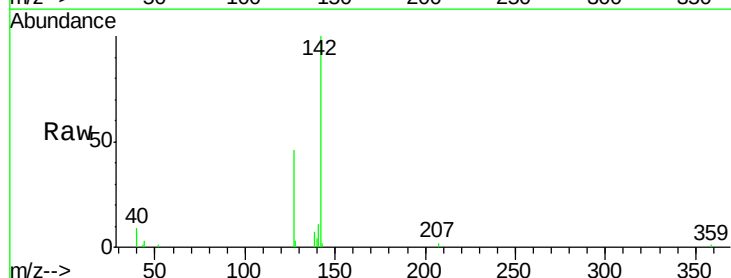
Tgt Ion:142 Resp: 61877

Ion Ratio Lower Upper

142 100

127 43.1 32.9 49.3

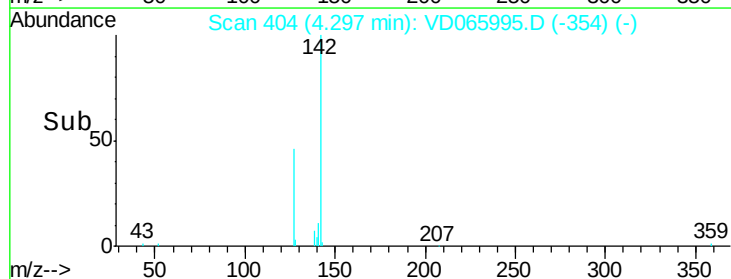
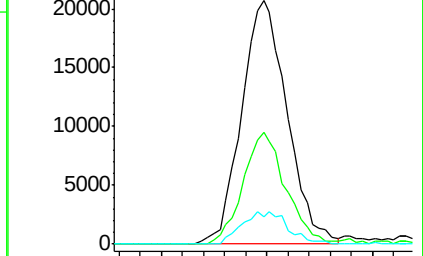
141 13.4 11.8 17.6

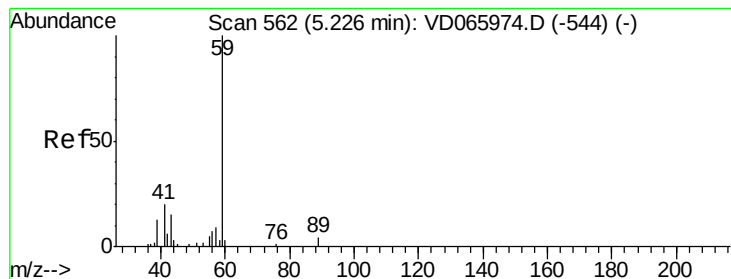


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 121.547 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

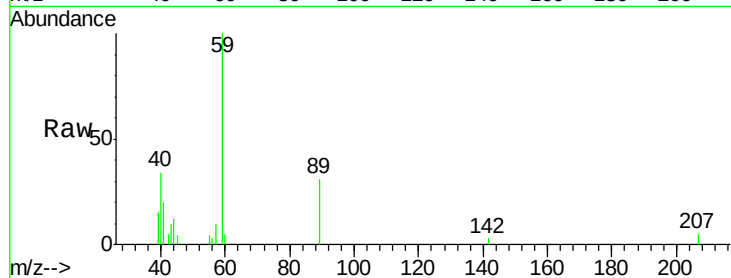
VD0722SBS01

Tgt Ion: 59 Resp: 24183

Ion Ratio Lower Upper

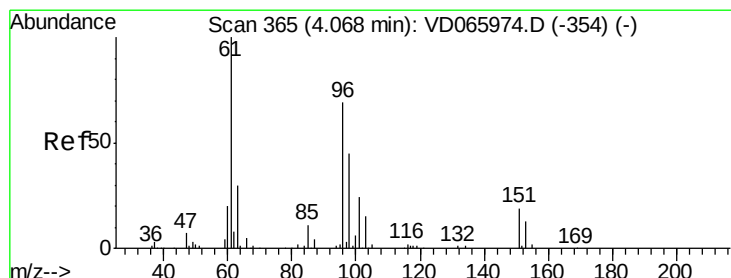
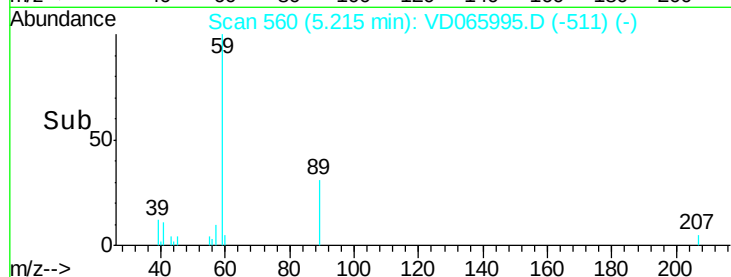
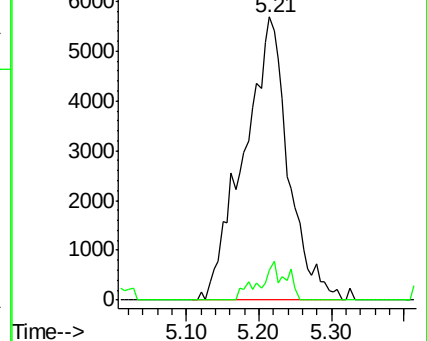
59 100

57 0.0 4.5 6.7#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 21.238 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

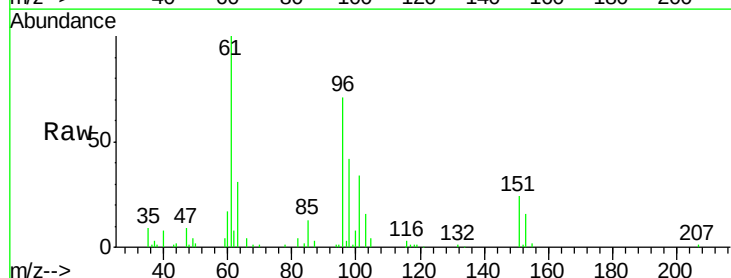
Tgt Ion: 96 Resp: 61225

Ion Ratio Lower Upper

96 100

61 140.9 115.4 173.0

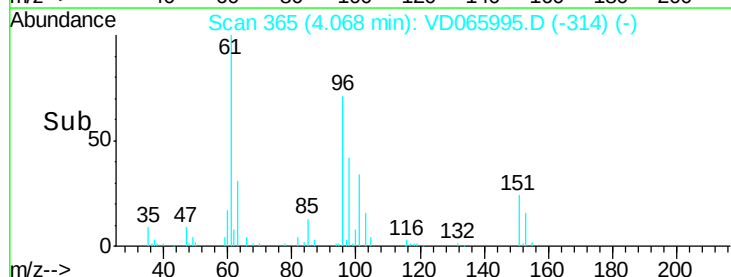
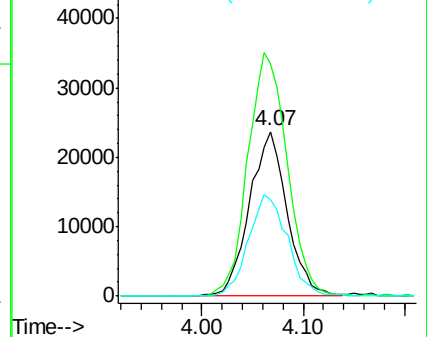
98 58.7 51.5 77.3

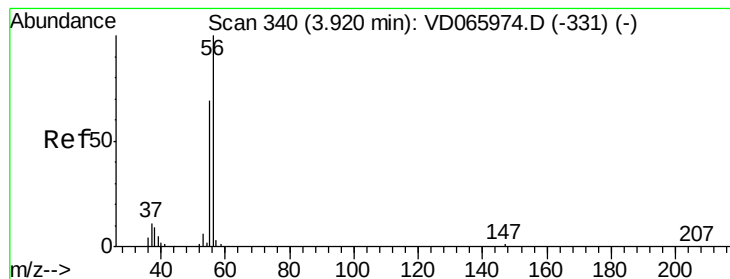


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 102.505 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

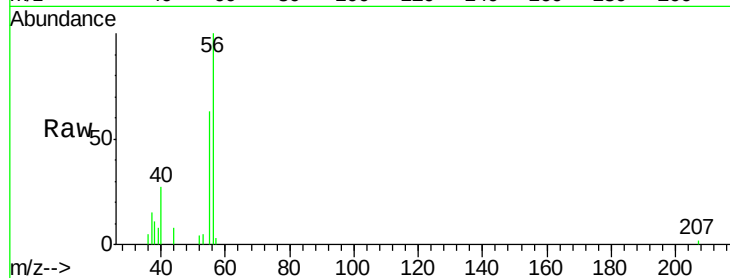
VD0722SBS01

Tgt Ion: 56 Resp: 24502

Ion Ratio Lower Upper

56 100

55 71.0 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.91

10000

8000

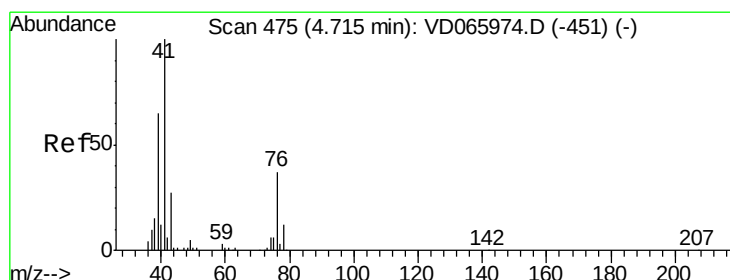
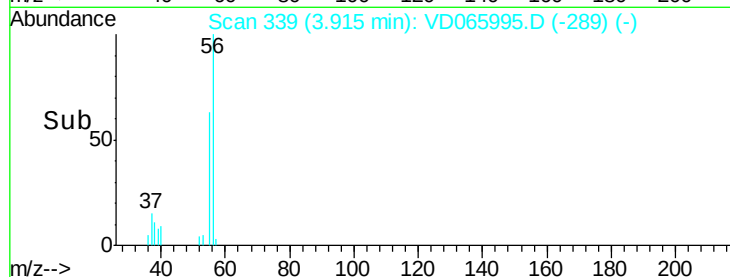
6000

4000

2000

0

Time--> 3.80 3.85 3.90 3.95 4.00



#14

Allyl chloride

Concen: 21.515 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

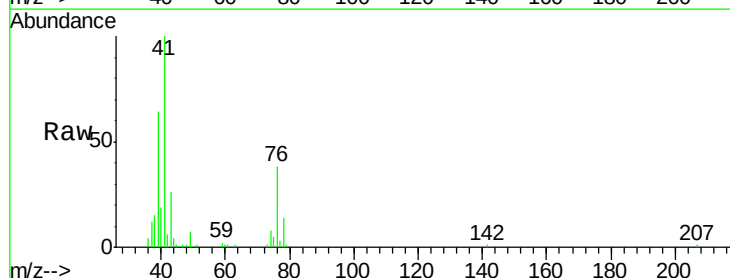
Tgt Ion: 41 Resp: 96957

Ion Ratio Lower Upper

41 100

39 63.7 53.4 80.2

76 36.6 29.1 43.7



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

40000

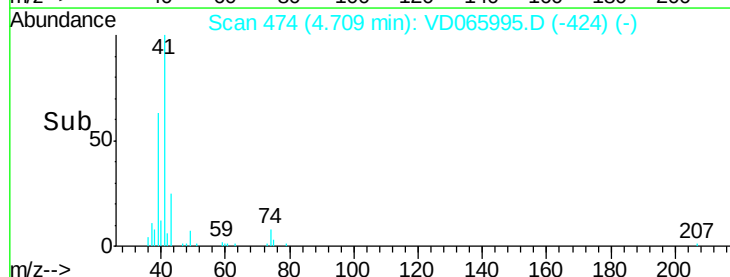
30000

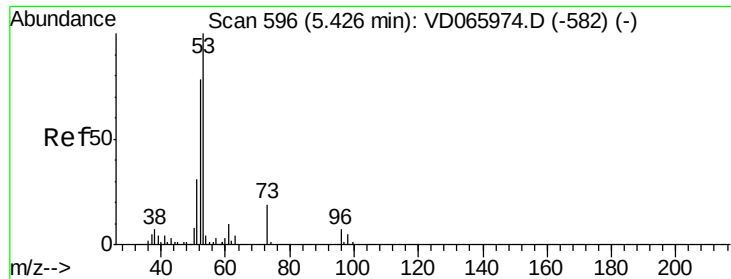
20000

10000

0

Time--> 4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 103.954 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0722SBS01

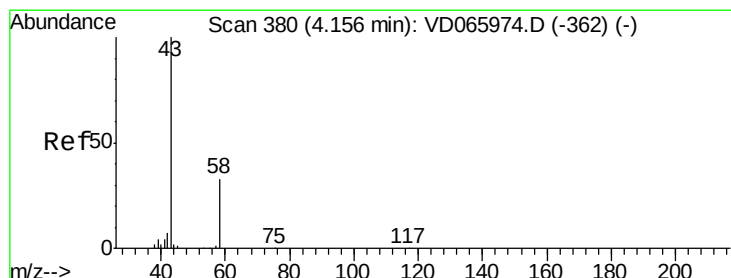
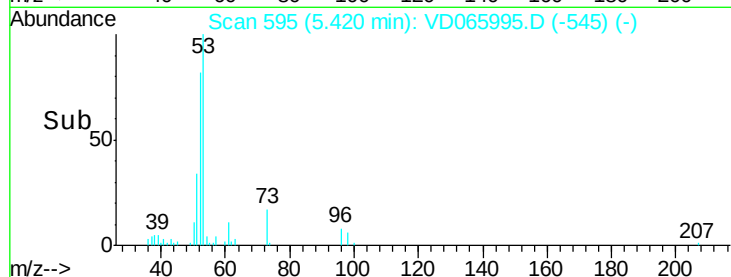
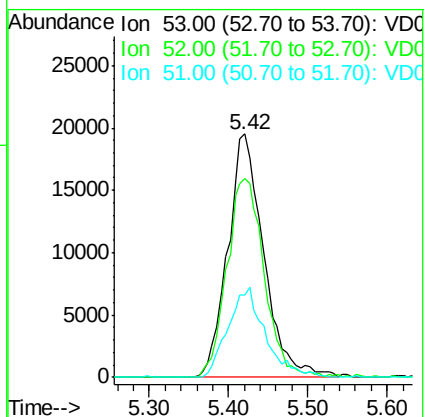
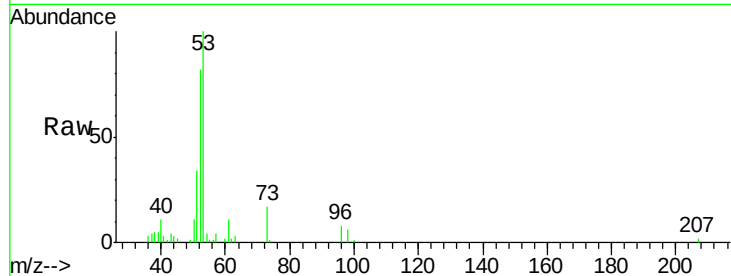
Tgt Ion: 53 Resp: 61400

Ion Ratio Lower Upper

53 100

52 84.5 67.1 100.7

51 38.0 28.7 43.1



#16

Acetone

Concen: 91.168 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065995.D

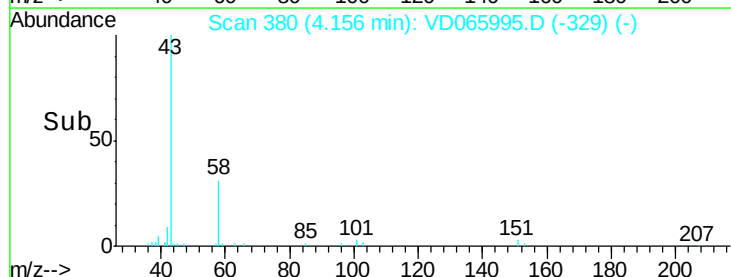
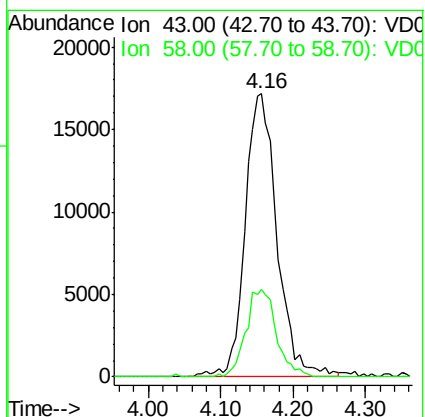
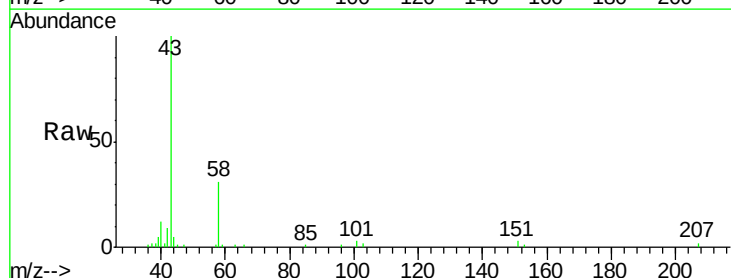
Acq: 22 Jul 2020 12:16

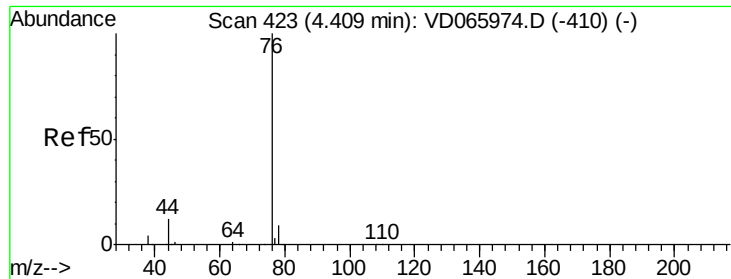
Tgt Ion: 43 Resp: 52355

Ion Ratio Lower Upper

43 100

58 31.1 26.3 39.5





#17

Carbon Disulfide

Concen: 21.077 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

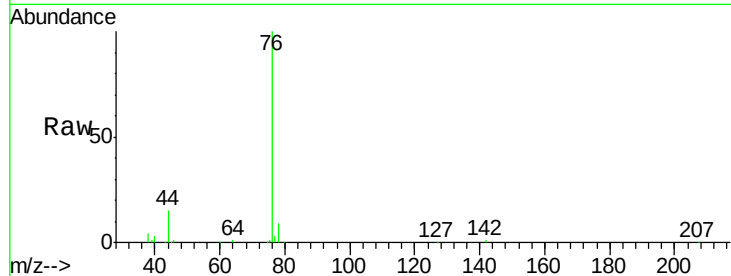
VD0722SBS01

Tgt Ion: 76 Resp: 197091

Ion Ratio Lower Upper

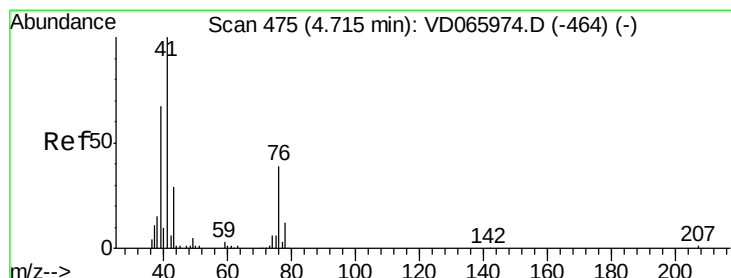
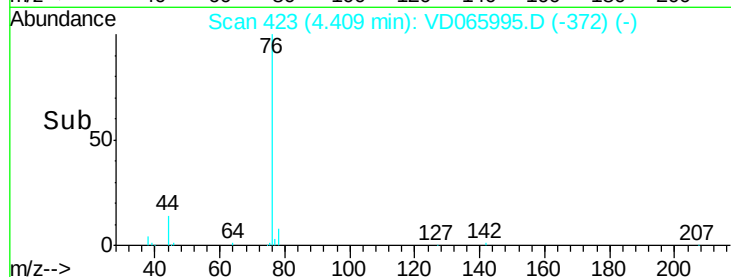
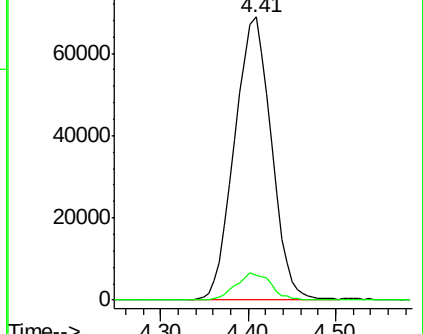
76 100

78 8.6 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 20.630 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD065995.D

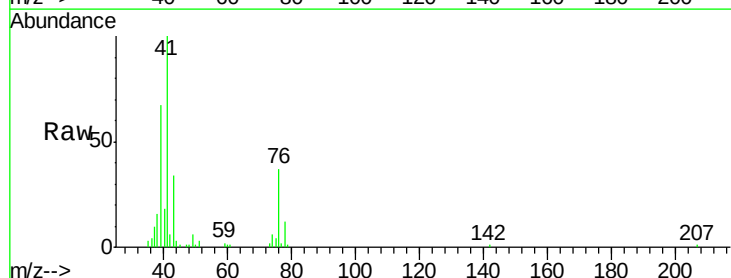
Acq: 22 Jul 2020 12:16

Tgt Ion: 43 Resp: 27560

Ion Ratio Lower Upper

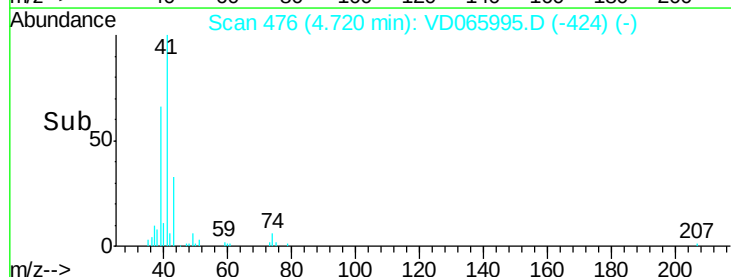
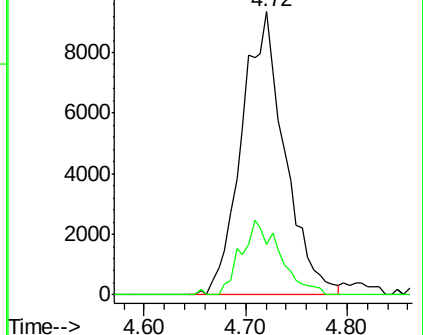
43 100

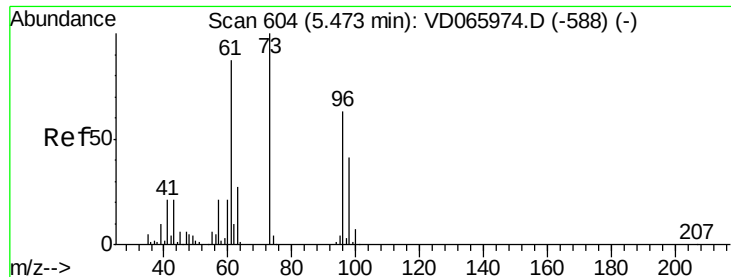
74 24.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

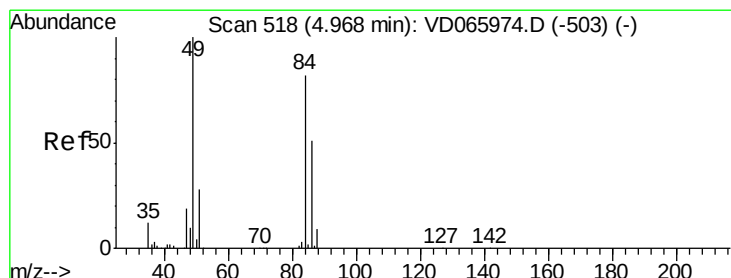
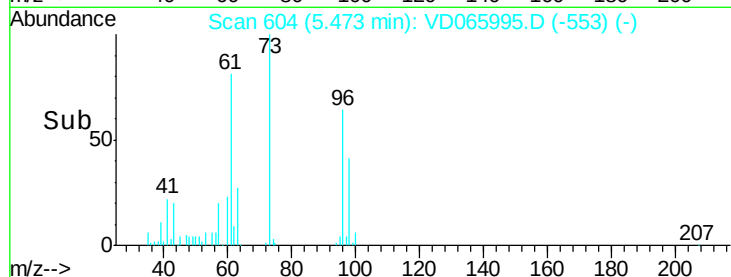
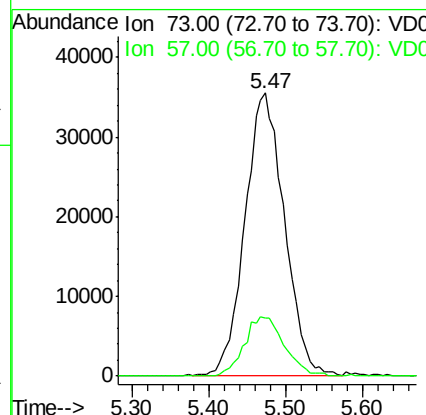
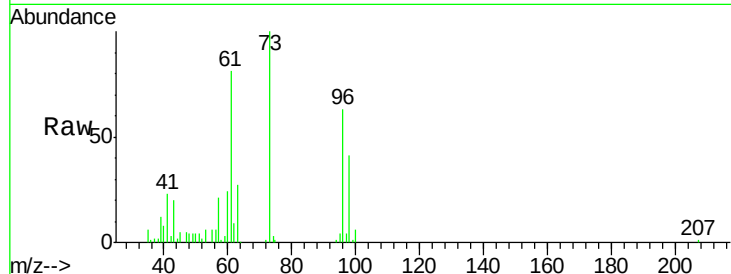




#19
Methyl tert-butyl Ether
Concen: 21.513 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

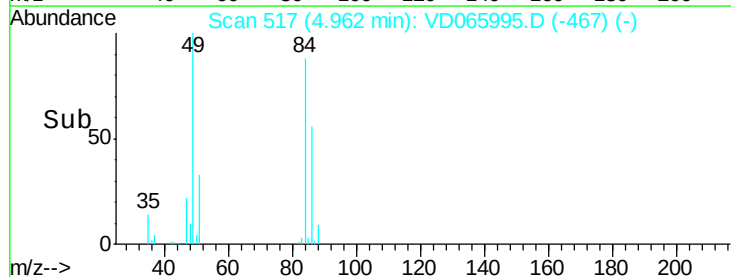
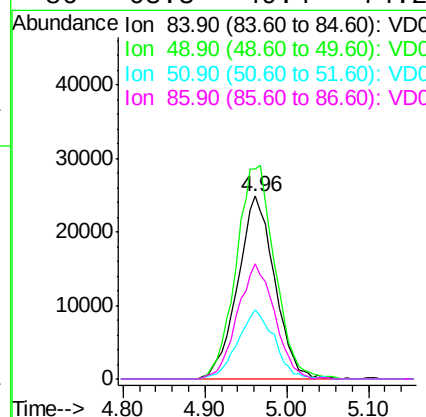
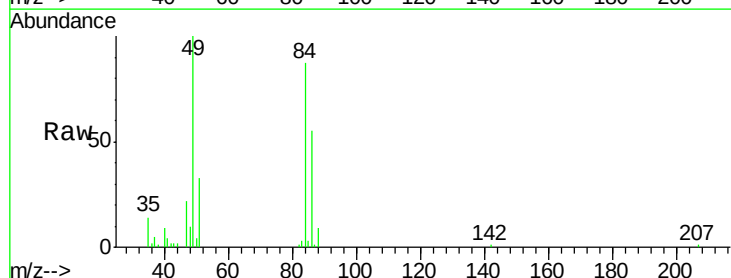
Instrument :
MSVOA_D
ClientSampleId :
VD0722SBS01

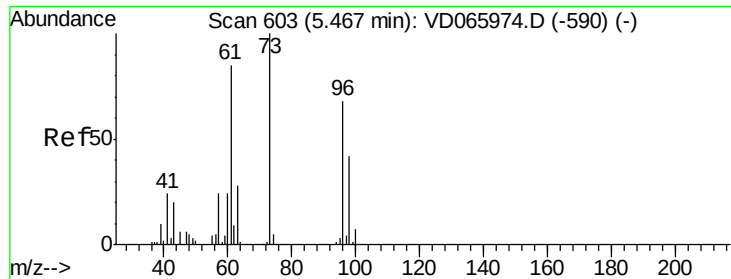
Tgt Ion: 73 Resp: 127427
Ion Ratio Lower Upper
73 100
57 20.5 17.0 25.4



#20
Methylene Chloride
Concen: 23.037 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Tgt Ion: 84 Resp: 78227
Ion Ratio Lower Upper
84 100
49 114.8 97.7 146.5
51 37.9 27.4 41.2
86 63.3 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 21.026 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0722SBS01

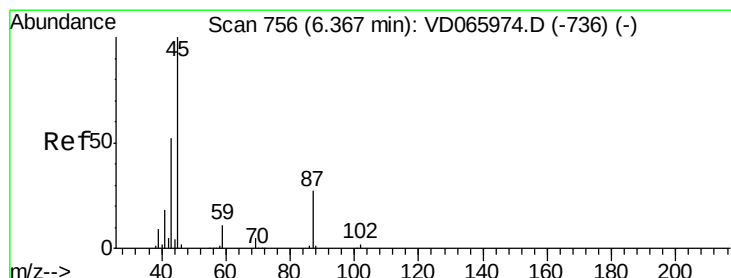
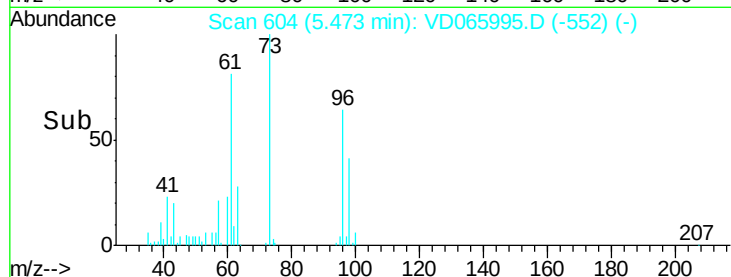
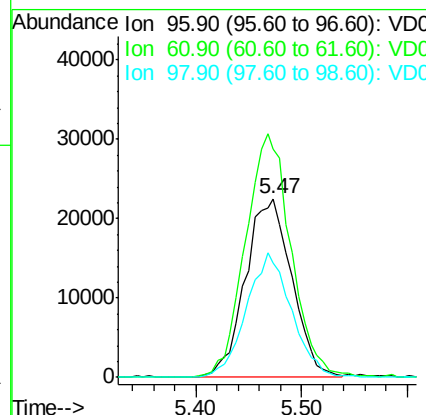
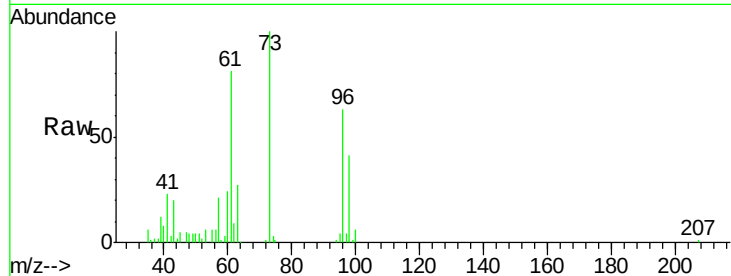
Tgt Ion: 96 Resp: 68507

Ion Ratio Lower Upper

96 100

61 128.1 100.5 150.7

98 64.2 49.7 74.5



#22

Diisopropyl ether

Concen: 22.665 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Tgt Ion: 45 Resp: 194045

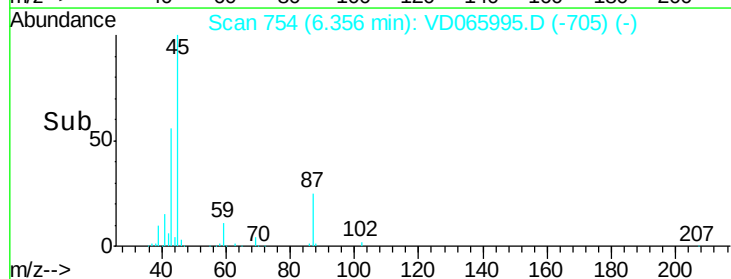
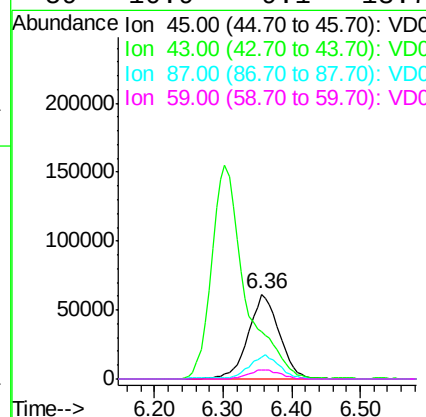
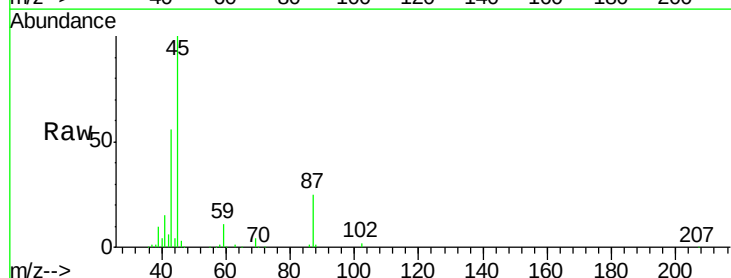
Ion Ratio Lower Upper

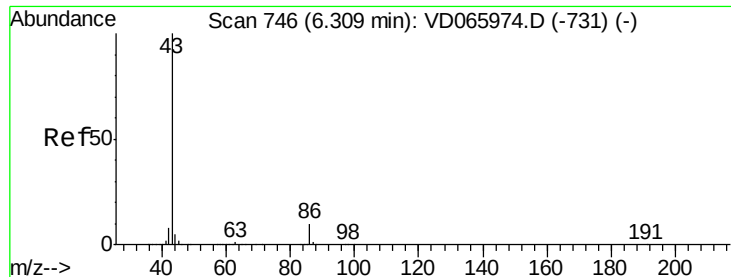
45 100

43 55.0 43.0 64.4

87 25.5 22.0 33.0

59 10.9 9.1 13.7





#23

Vinyl Acetate

Concen: 109.089 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

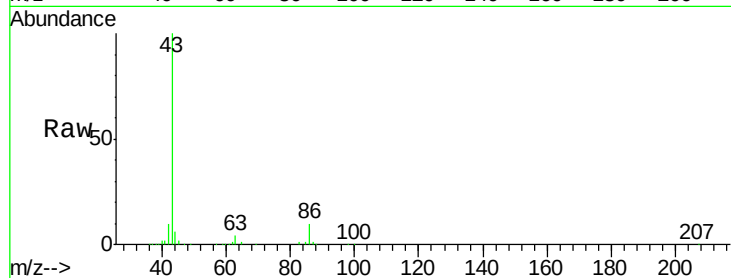
VD0722SBS01

Tgt Ion: 43 Resp: 526718

Ion Ratio Lower Upper

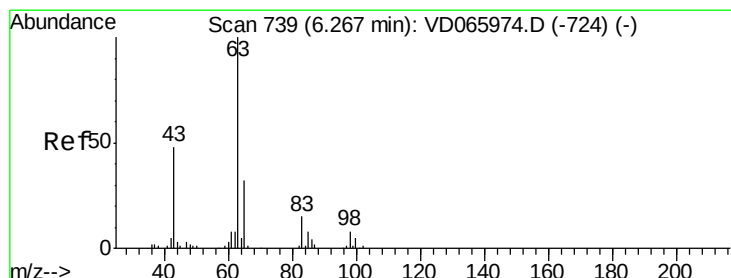
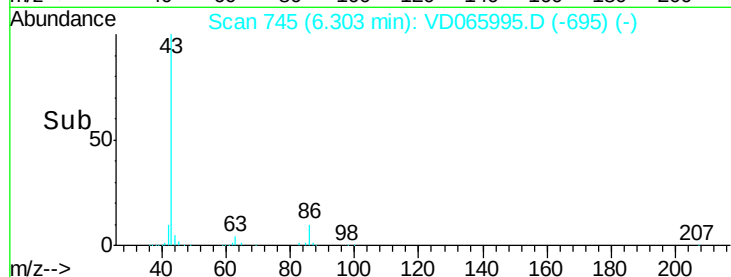
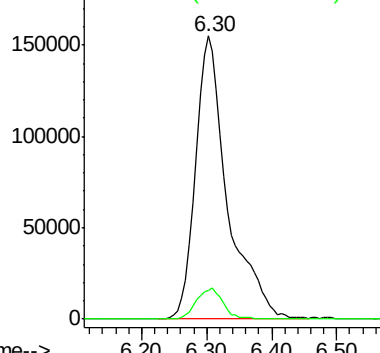
43 100

86 10.3 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 21.993 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

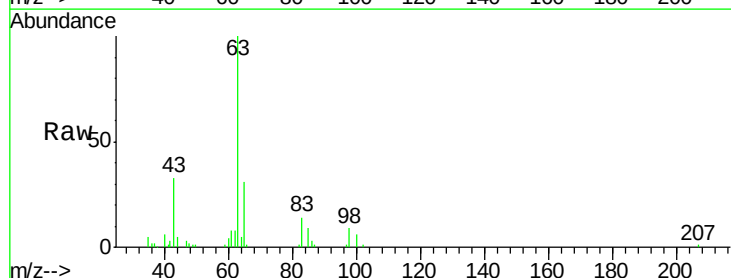
Tgt Ion: 63 Resp: 114086

Ion Ratio Lower Upper

63 100

98 9.2 4.3 12.8

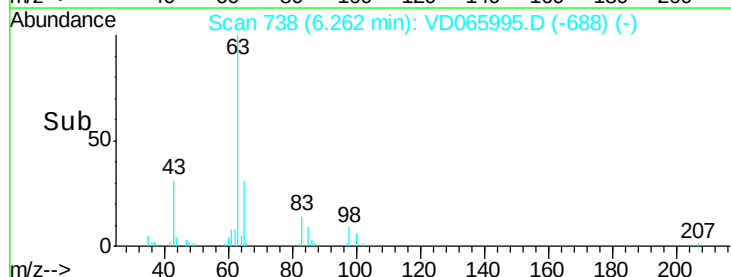
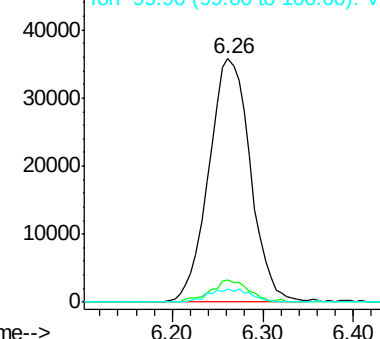
100 5.7 2.5 7.5

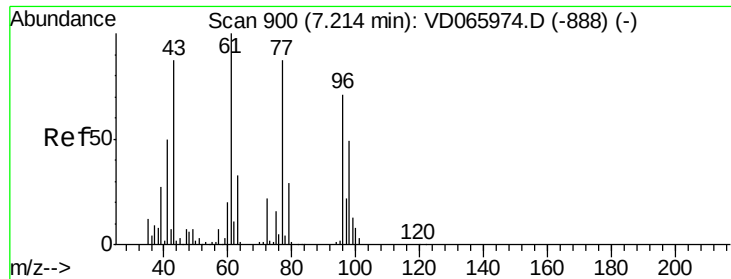


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 100.351 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

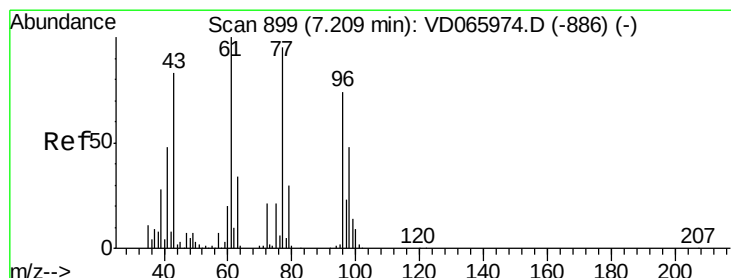
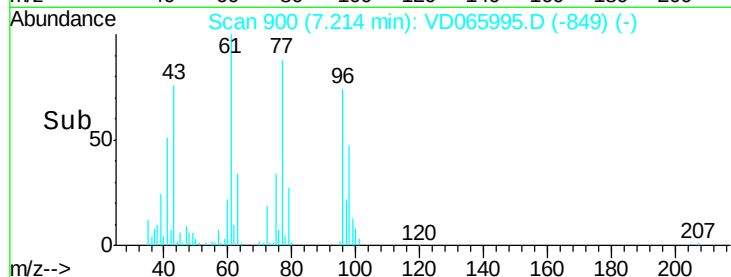
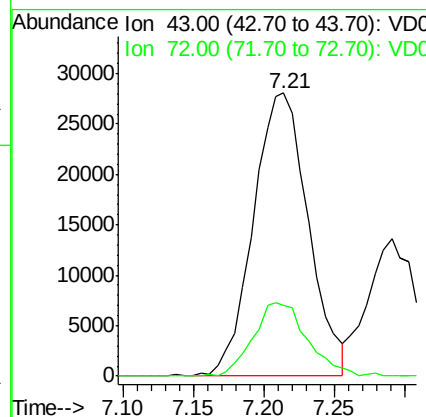
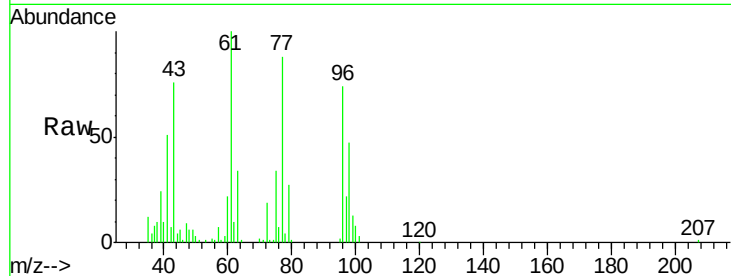
VD0722SBS01

Tgt Ion: 43 Resp: 76468

Ion Ratio Lower Upper

43 100

72 25.2 20.2 30.2



#26

2,2-Dichloropropane

Concen: 22.257 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD065995.D

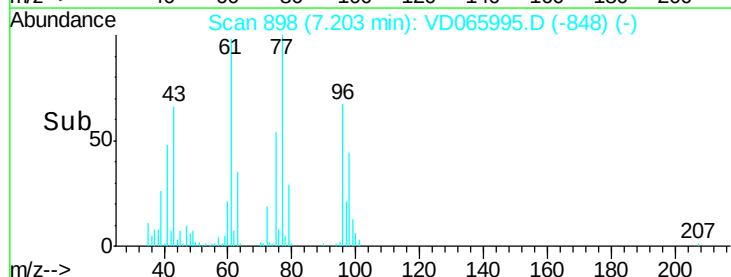
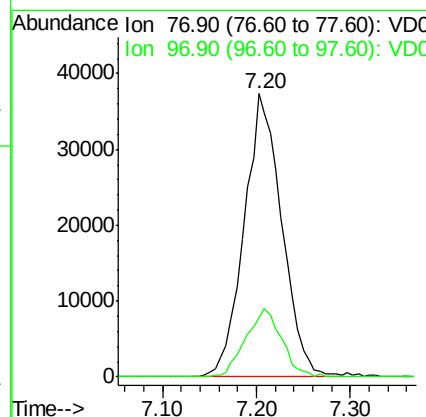
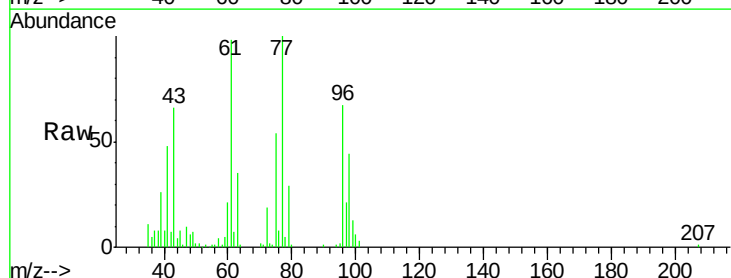
Acq: 22 Jul 2020 12:16

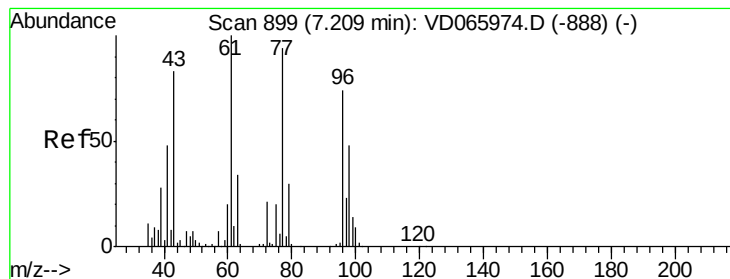
Tgt Ion: 77 Resp: 103825

Ion Ratio Lower Upper

77 100

97 22.9 11.6 34.7



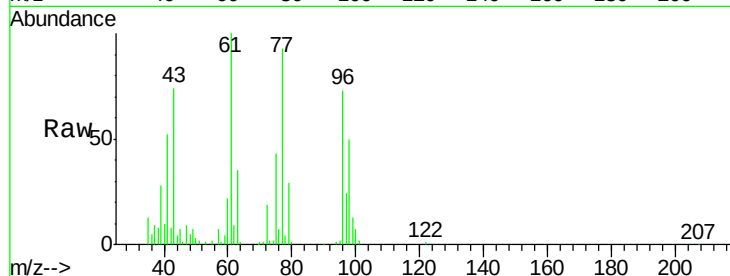


#27

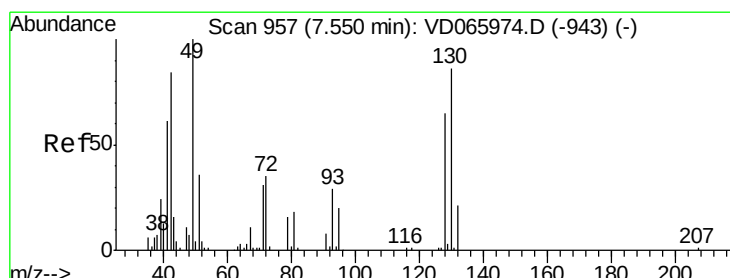
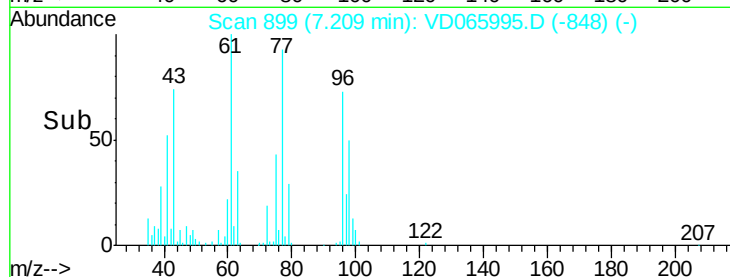
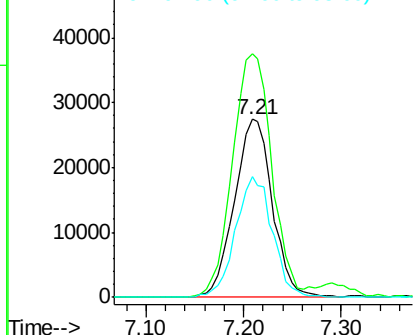
cis-1,2-Dichloroethene
Concen: 21.575 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Instrument :
MSVOA_D
ClientSampleId :
VD0722SBS01

Tgt Ion: 96 Resp: 74427
Ion Ratio Lower Upper
96 100
61 141.6 0.0 276.6
98 65.7 0.0 130.8



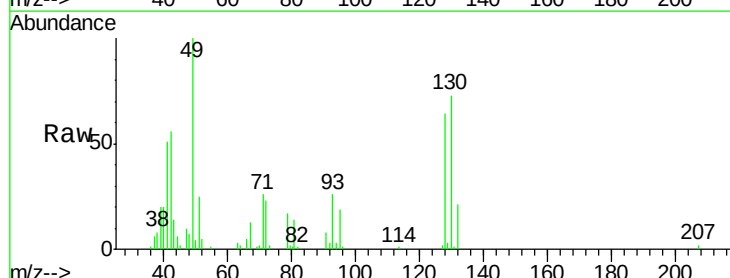
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



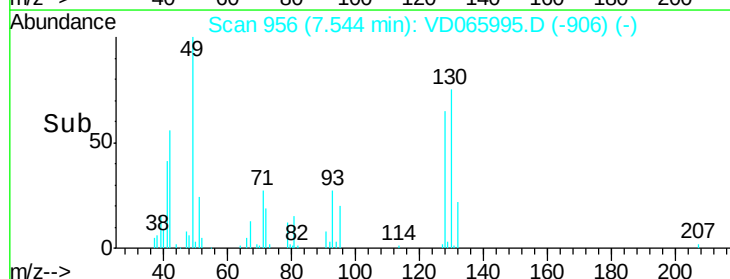
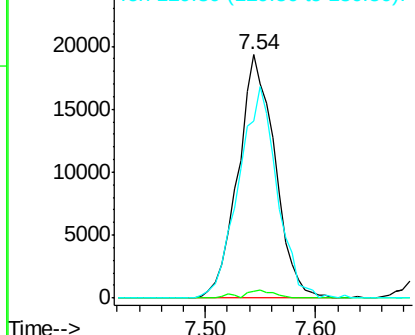
#28

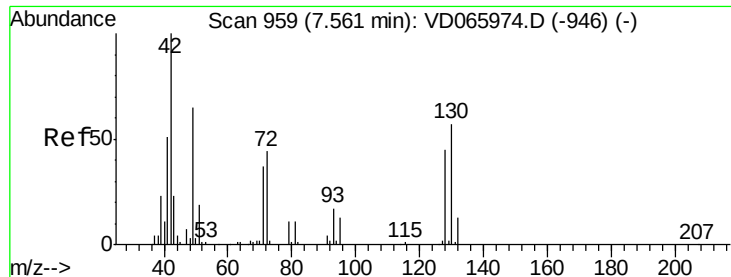
Bromochloromethane
Concen: 20.622 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Tgt Ion: 49 Resp: 45403
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.8
130 90.2 68.4 102.6



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

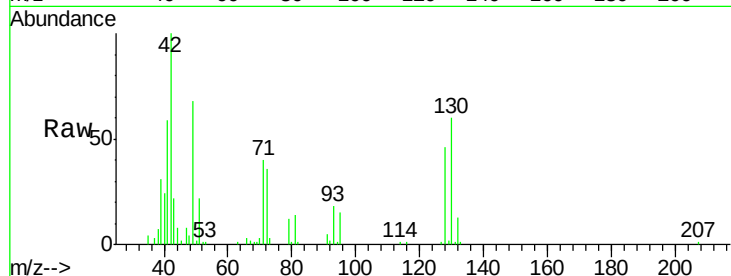




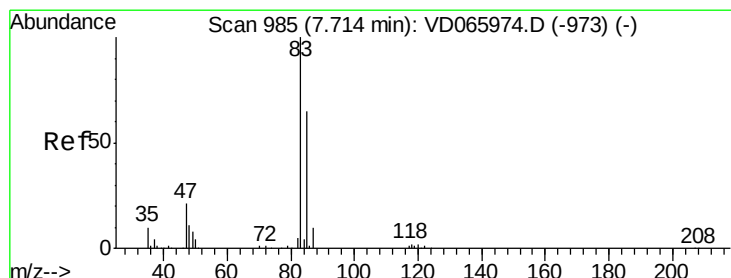
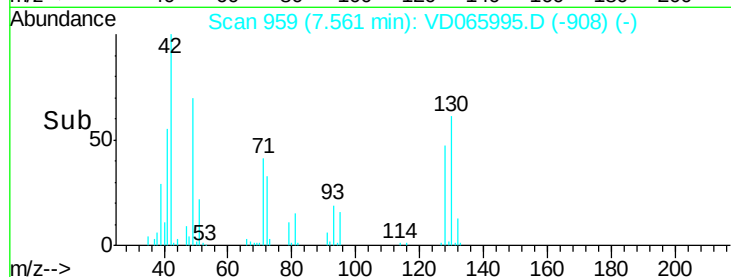
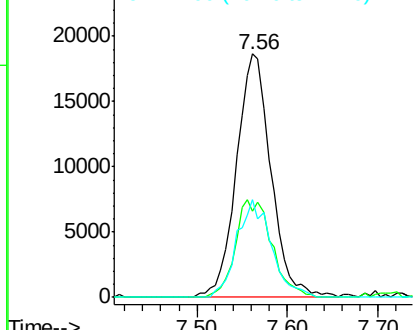
#29
Tetrahydrofuran
Concen: 104.907 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Instrument :
MSVOA_D
ClientSampleId :
VD0722SBS01

Tgt Ion: 42 Resp: 49323
Ion Ratio Lower Upper
42 100
72 42.1 34.2 51.2
71 40.0 31.4 47.2

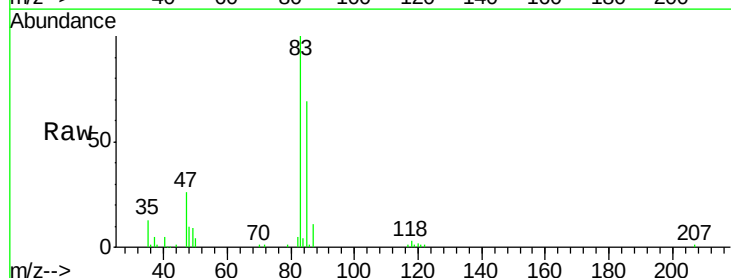


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

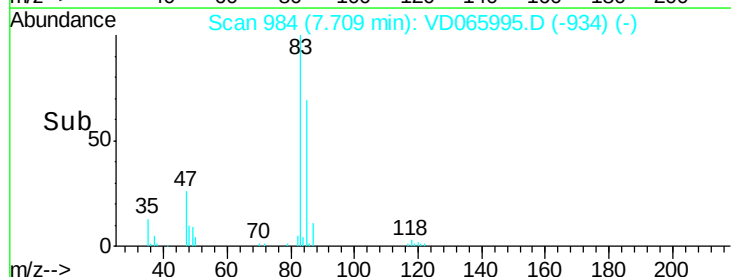
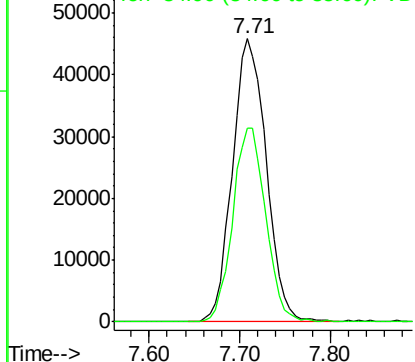


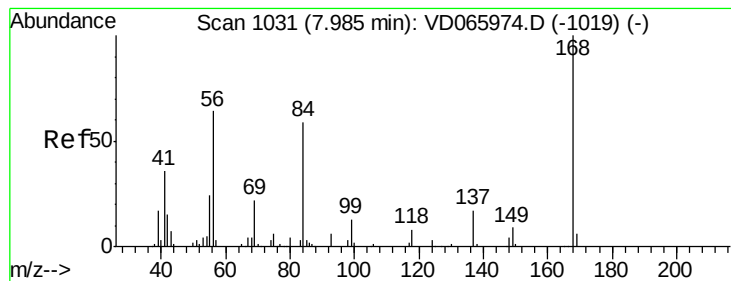
#30
Chloroform
Concen: 21.876 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Tgt Ion: 83 Resp: 118703
Ion Ratio Lower Upper
83 100
85 68.6 52.1 78.1



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





#31

Cyclohexane

Concen: 20.479 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0722SBS01

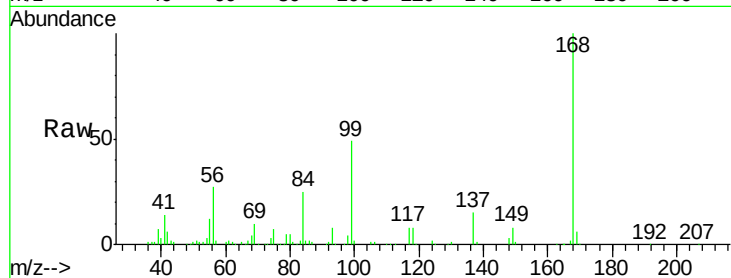
Tgt Ion: 56 Resp: 104515

Ion Ratio Lower Upper

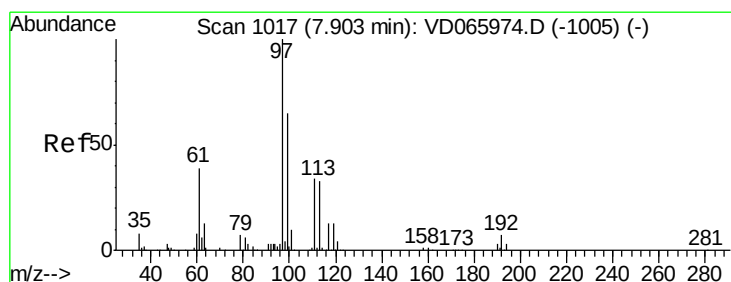
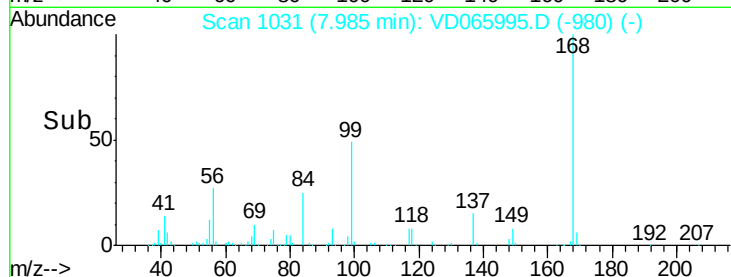
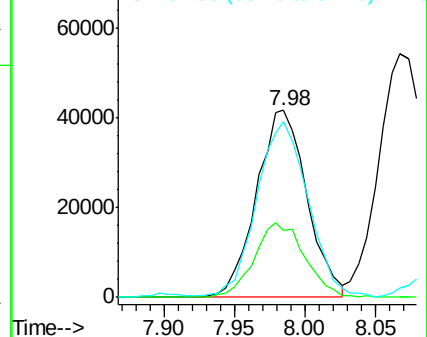
56 100

69 36.2 28.0 42.0

84 93.0 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: 22.015 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

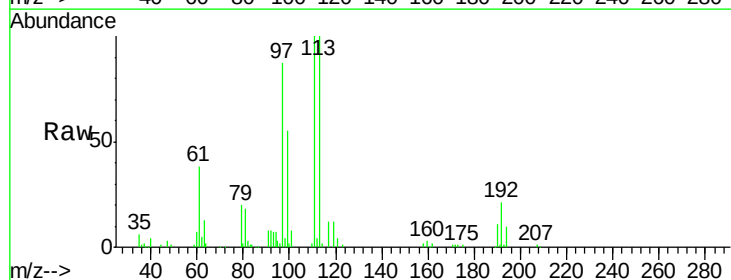
Tgt Ion: 97 Resp: 110499

Ion Ratio Lower Upper

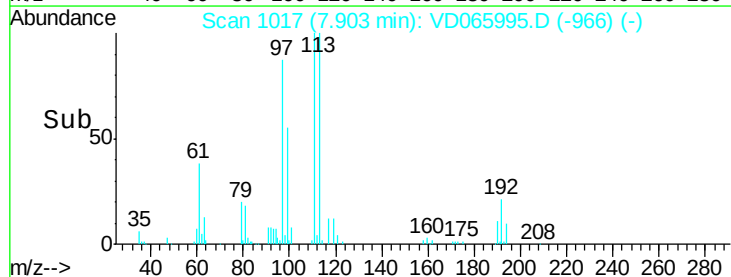
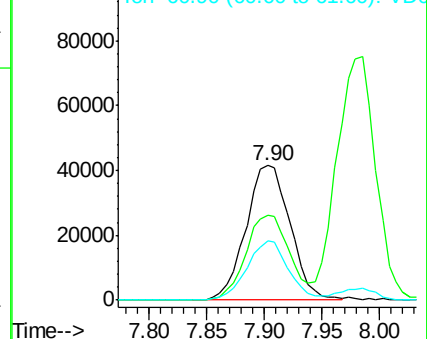
97 100

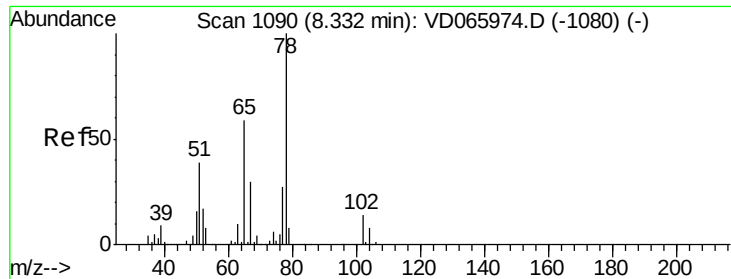
99 62.4 51.8 77.6

61 41.2 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

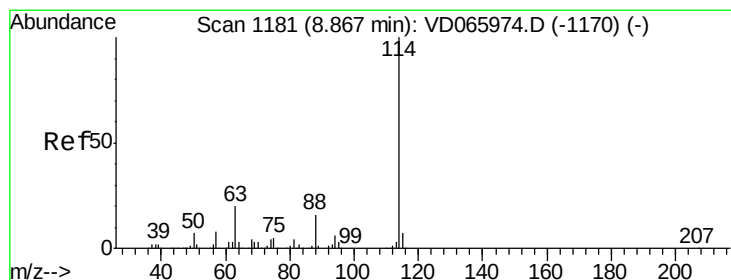
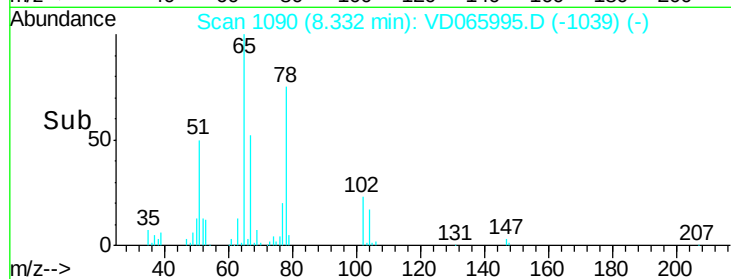
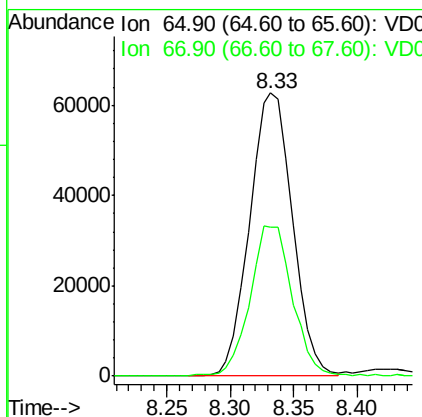
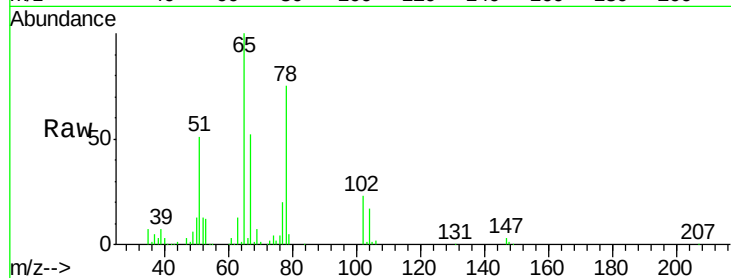




#33
 1,2-Dichloroethane-d4
 Concen: 51.888 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065995.D
 Acq: 22 Jul 2020 12:16

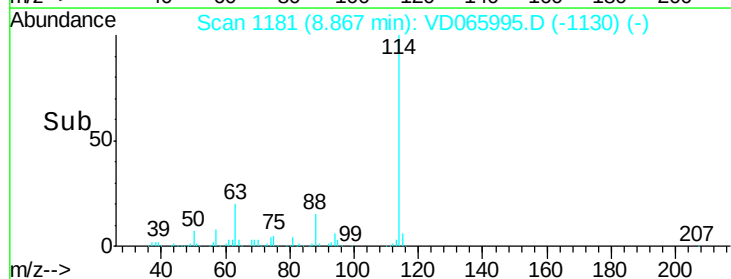
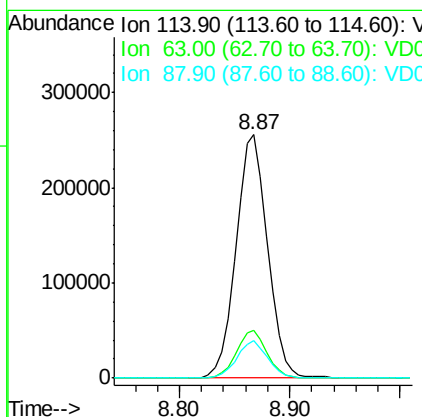
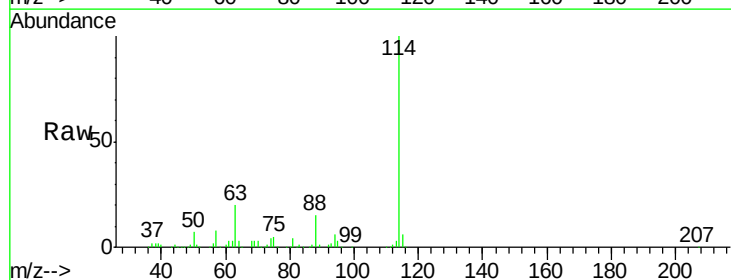
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0722SBS01

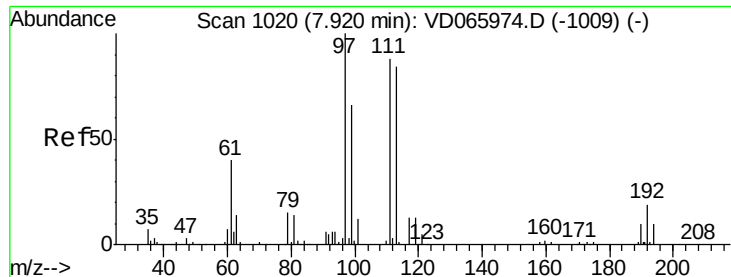
Tgt Ion: 65 Resp: 147210
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065995.D
 Acq: 22 Jul 2020 12:16

Tgt Ion: 114 Resp: 513256
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 15.3 0.0 31.2

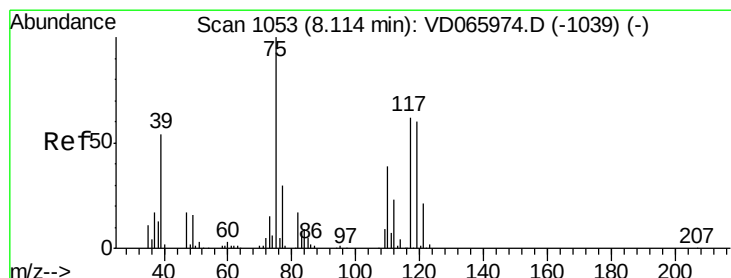
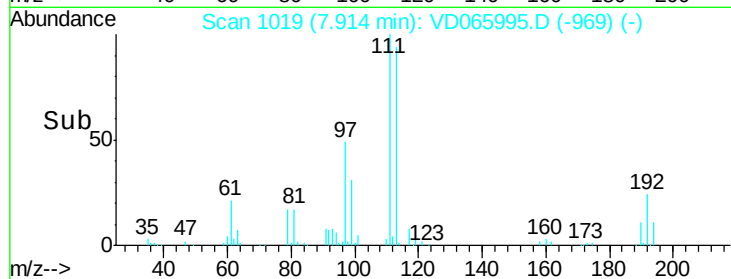
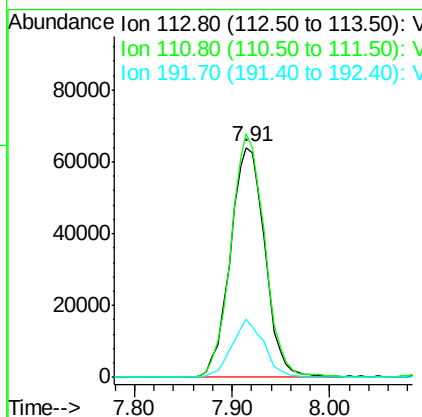
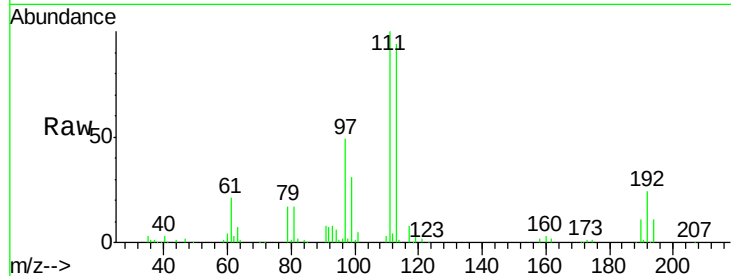




#35
 Dibromofluoromethane
 Concen: 50.627 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065995.D
 Acq: 22 Jul 2020 12:16

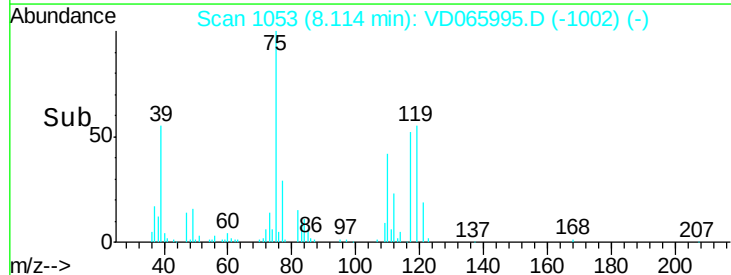
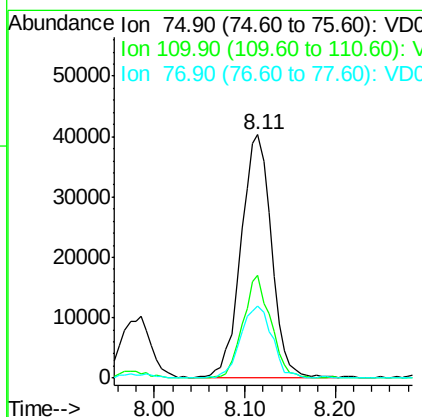
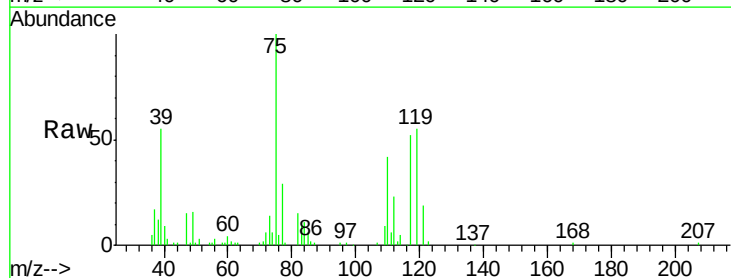
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0722SBS01

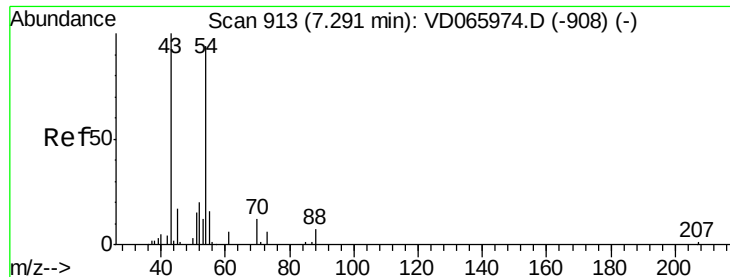
Tgt Ion: 113 Resp: 157605
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.2 124.8
 192 23.5 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 21.531 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065995.D
 Acq: 22 Jul 2020 12:16

Tgt Ion: 75 Resp: 94313
 Ion Ratio Lower Upper
 75 100
 110 38.2 19.5 58.5
 77 30.6 24.7 37.1

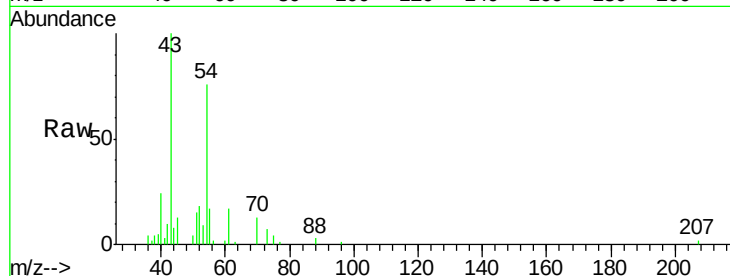




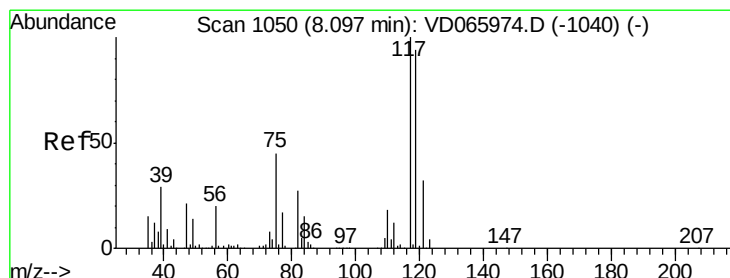
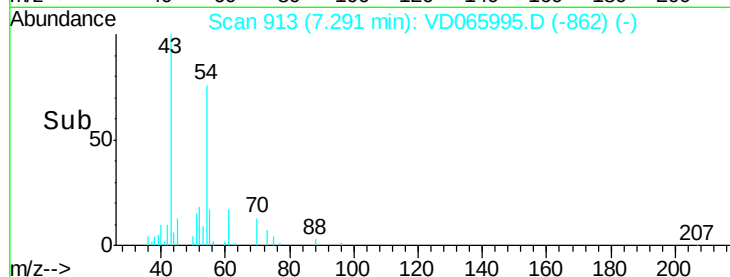
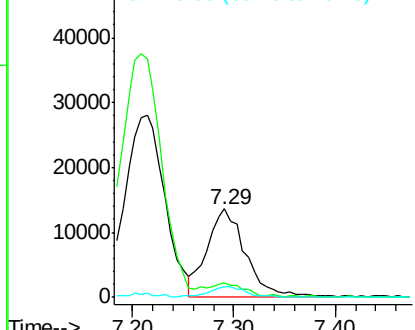
#37
Ethyl Acetate
Concen: 21.621 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Instrument :
MSVOA_D
ClientSampleId :
VD0722SBS01

Tgt Ion: 43 Resp: 36170
Ion Ratio Lower Upper
43 100
61 11.4 11.4 17.0
70 11.8 9.3 13.9

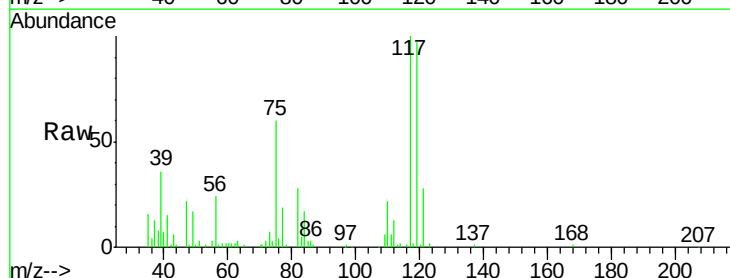


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

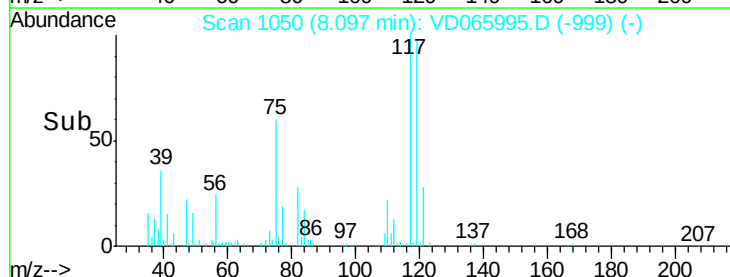
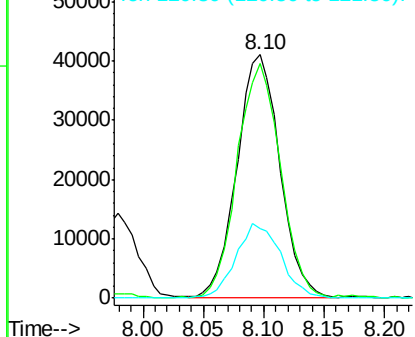


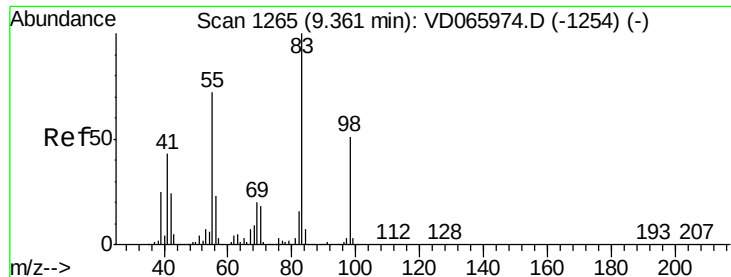
#38
Carbon Tetrachloride
Concen: 21.289 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Tgt Ion: 117 Resp: 101185
Ion Ratio Lower Upper
117 100
119 97.0 75.0 112.6
121 28.6 25.5 38.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

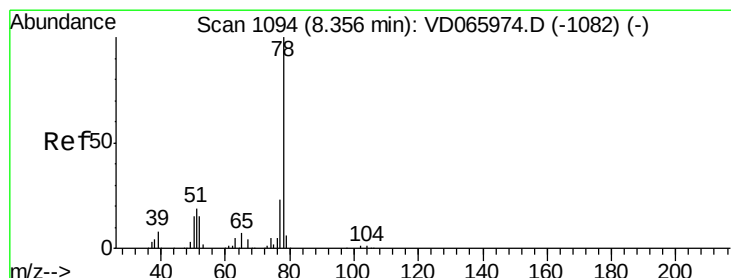
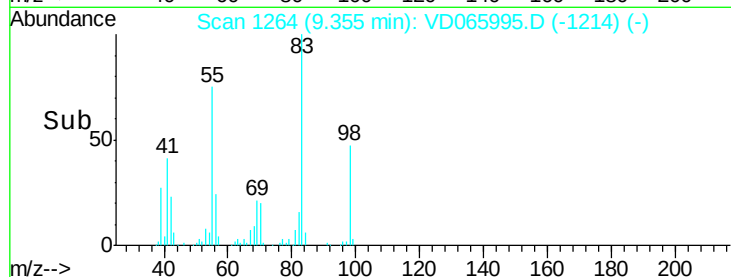
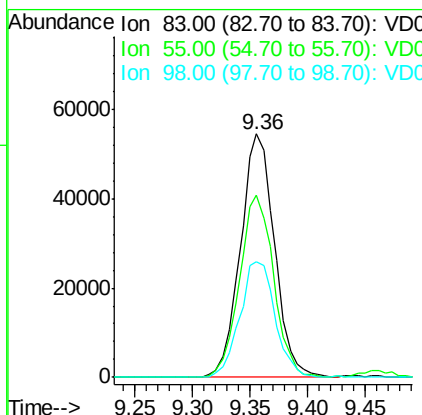
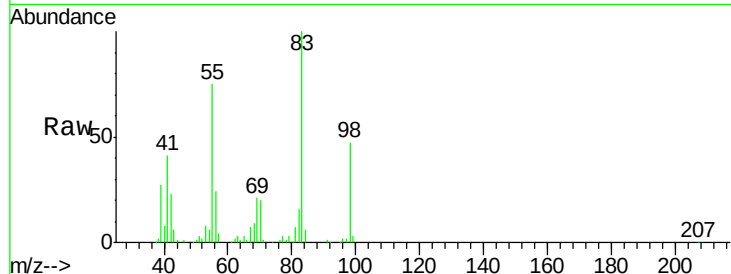




#39
Methylcyclohexane
Concen: 21.076 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

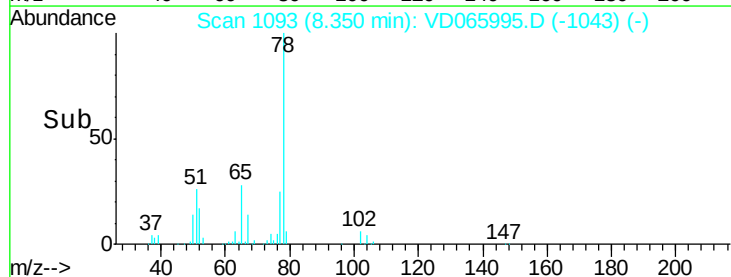
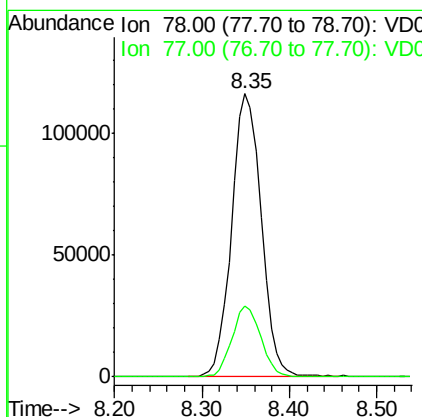
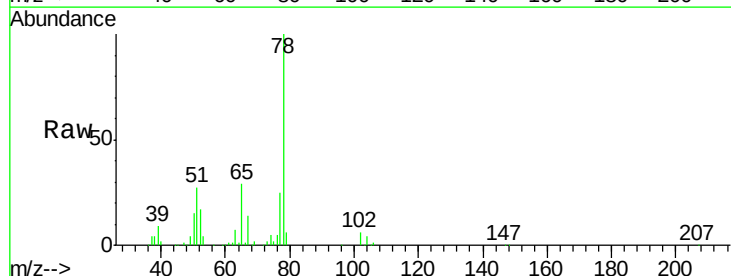
Instrument :
MSVOA_D
ClientSampleId :
VD0722SBS01

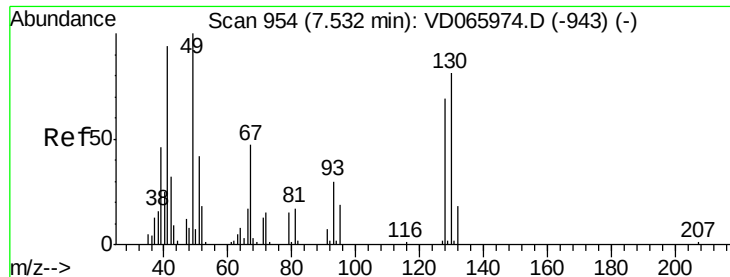
Tgt Ion: 83 Resp: 111802
Ion Ratio Lower Upper
83 100
55 74.8 57.3 85.9
98 47.5 41.0 61.6



#40
Benzene
Concen: 21.790 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Tgt Ion: 78 Resp: 267030
Ion Ratio Lower Upper
78 100
77 25.2 18.6 27.8

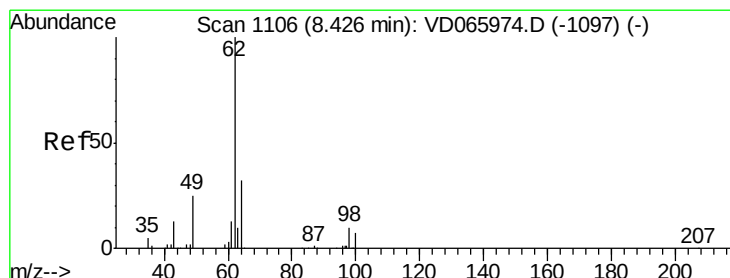
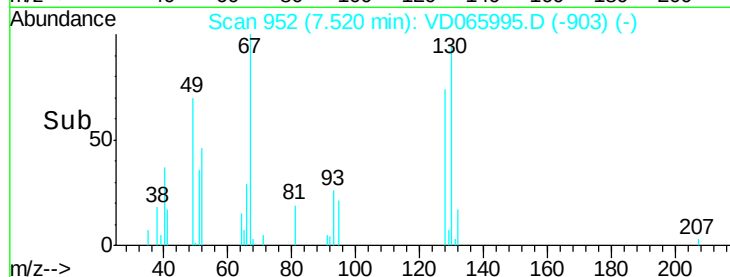
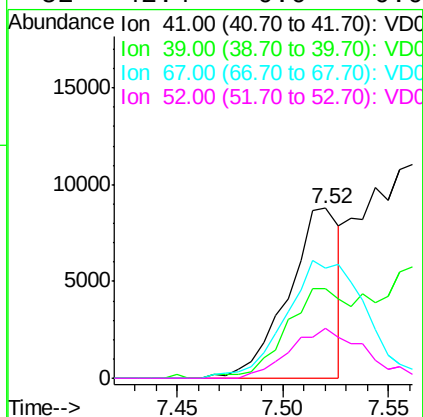
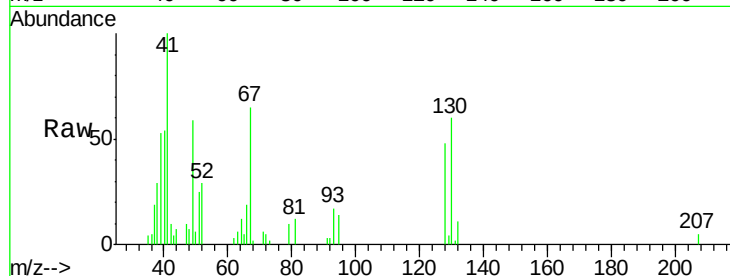




#41
Methacrylonitrile
Concen: 15.561 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

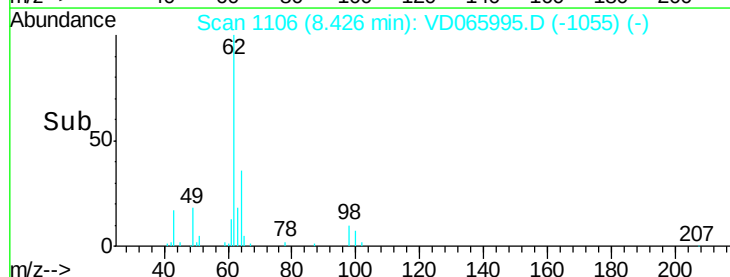
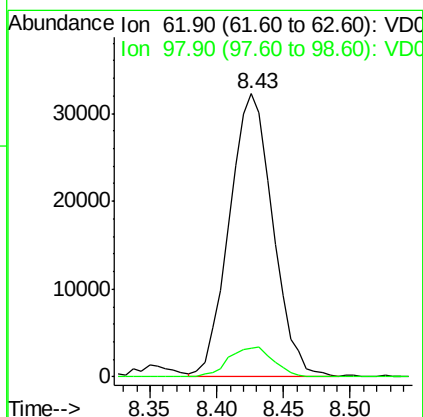
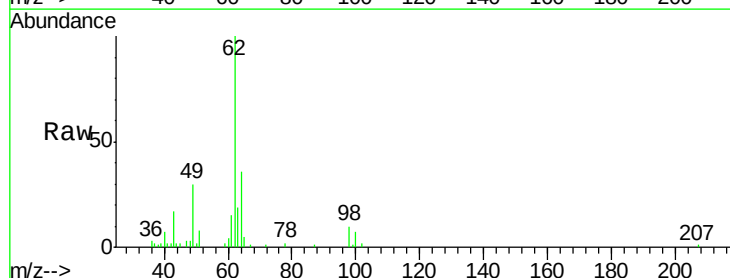
Instrument :
MSVOA_D
ClientSampleId :
VD0722SBS01

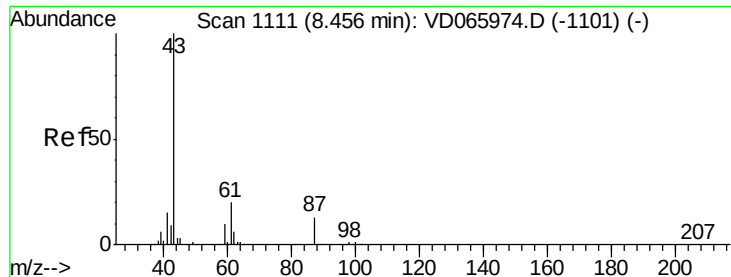
Tgt Ion:	41	Resp:	14912
Ion	Ratio	Lower	Upper
41	100		
39	63.9	0.0	0.0#
67	107.0	0.0	0.0#
52	42.4	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 21.769 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Tgt Ion:	62	Resp:	73102
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.0





#43

Isopropyl Acetate

Concen: 20.434 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0722SBS01

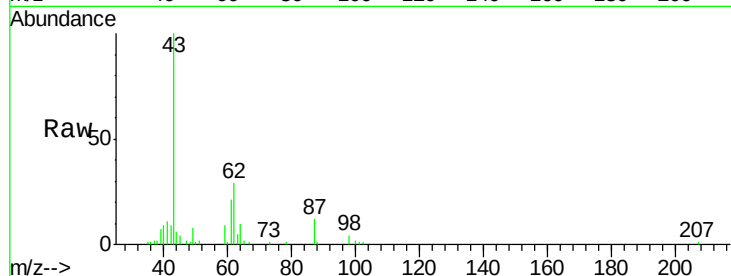
Tgt Ion: 43 Resp: 66765

Ion Ratio Lower Upper

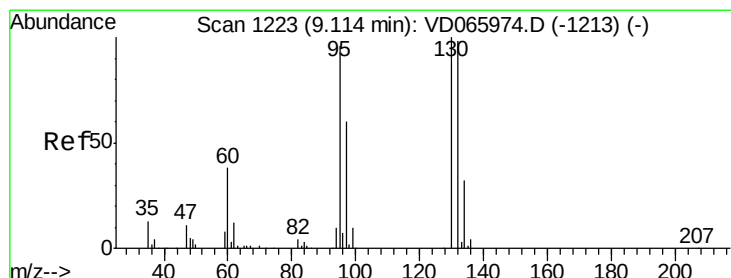
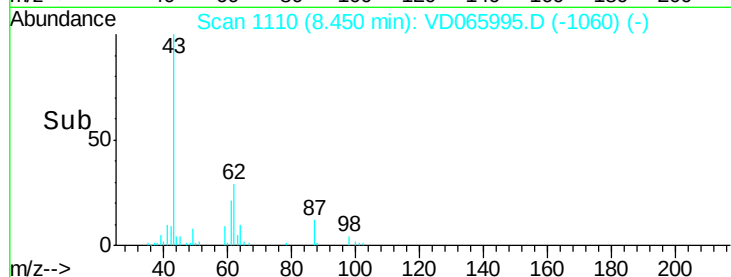
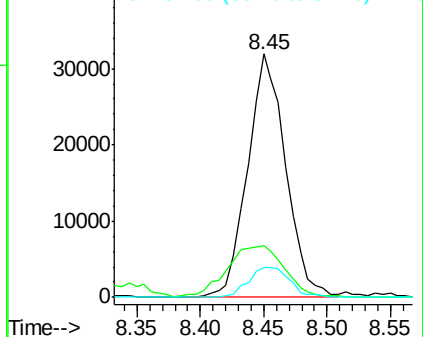
43 100

61 32.1 25.8 38.8

87 13.3 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: 21.461 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065995.D

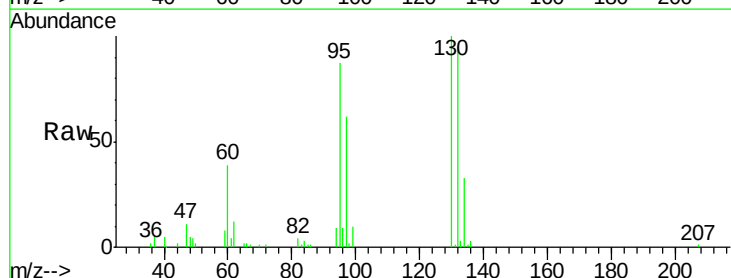
Acq: 22 Jul 2020 12:16

Tgt Ion: 130 Resp: 79589

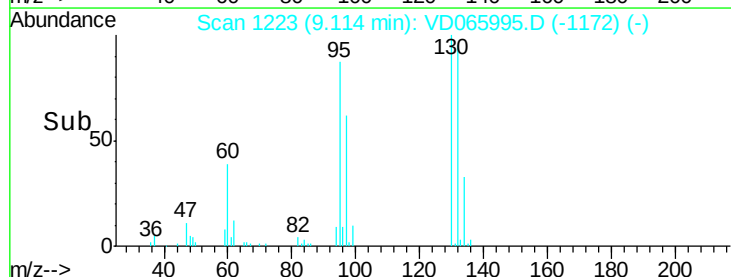
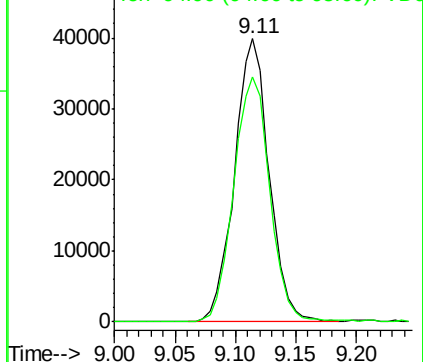
Ion Ratio Lower Upper

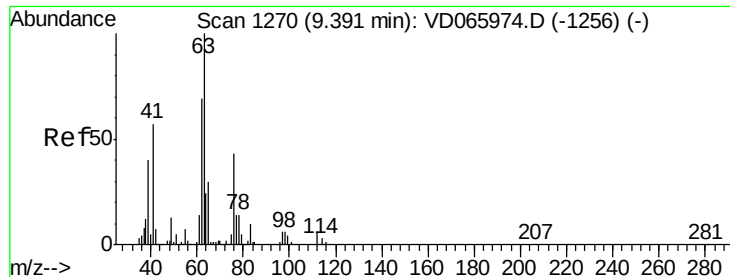
130 100

95 86.7 0.0 191.6



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





#45

1,2-Dichloropropane

Concen: 21.766 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

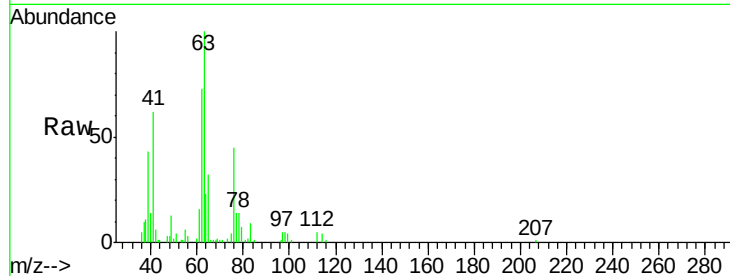
VD0722SBS01

Tgt Ion: 63 Resp: 64602

Ion Ratio Lower Upper

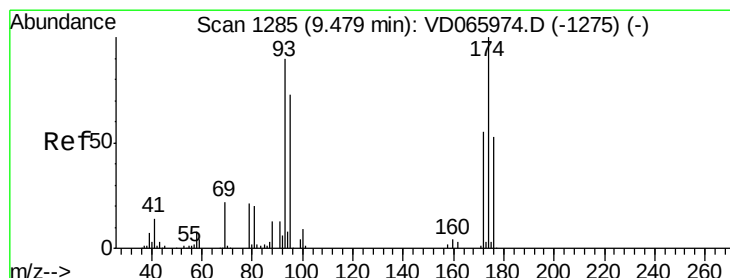
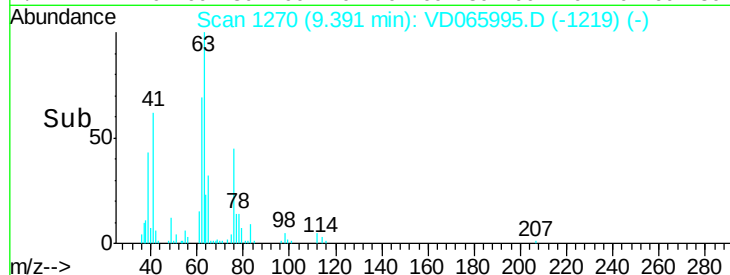
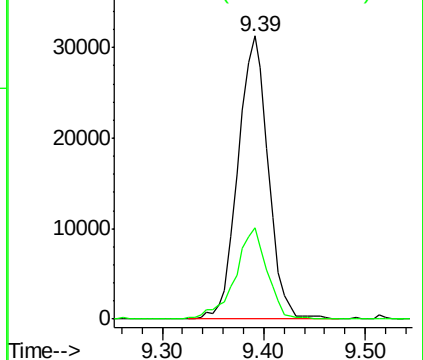
63 100

65 32.1 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: 21.725 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

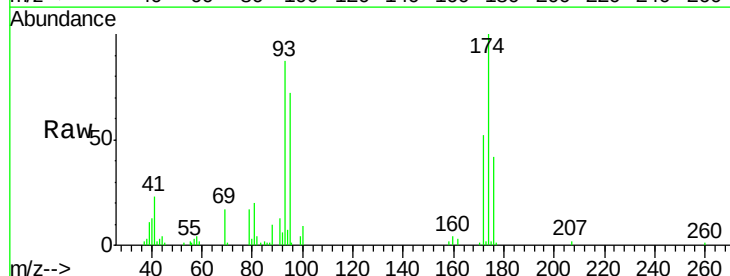
Tgt Ion: 93 Resp: 34711

Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

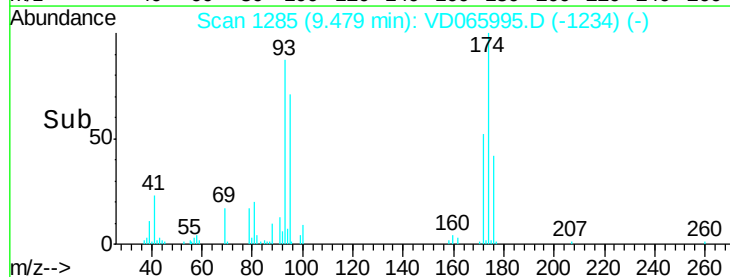
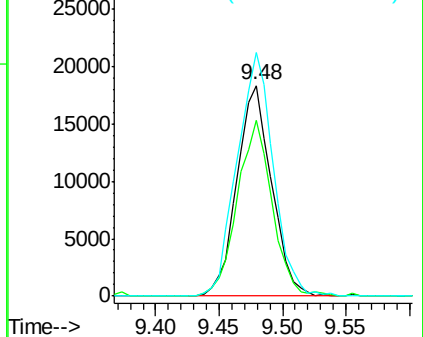
174 121.0 91.5 137.3

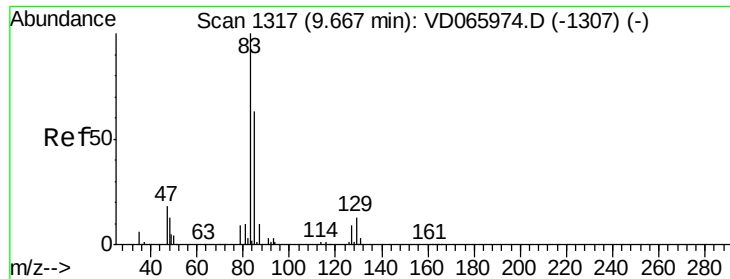


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 21.493 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0722SBS01

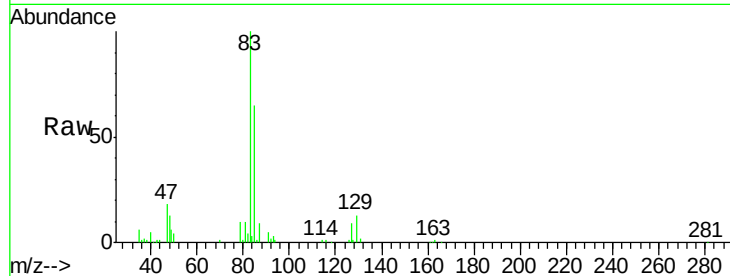
Tgt Ion: 83 Resp: 90801

Ion Ratio Lower Upper

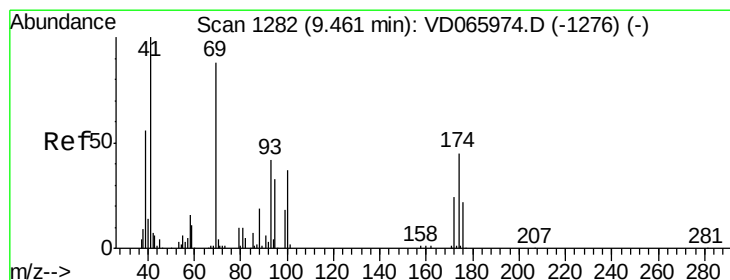
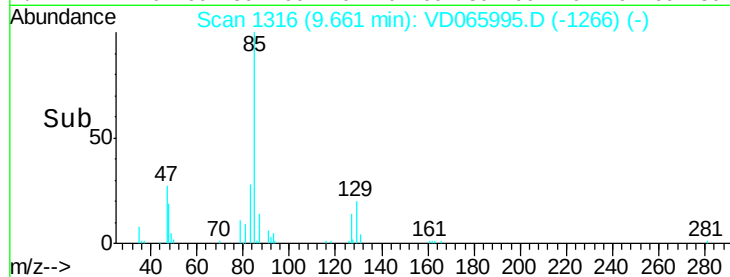
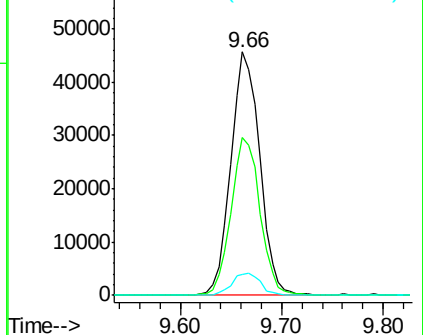
83 100

85 64.9 50.6 75.8

127 8.8 7.1 10.7



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



#48

Methyl methacrylate

Concen: 19.417 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

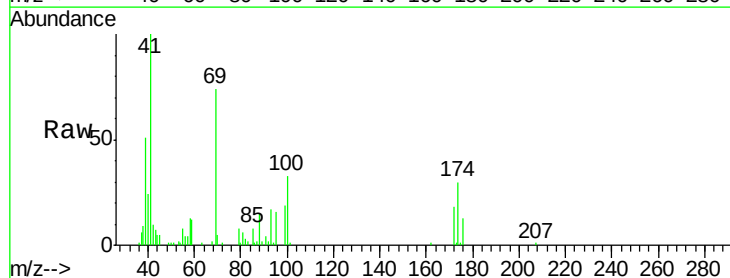
Tgt Ion: 41 Resp: 32002

Ion Ratio Lower Upper

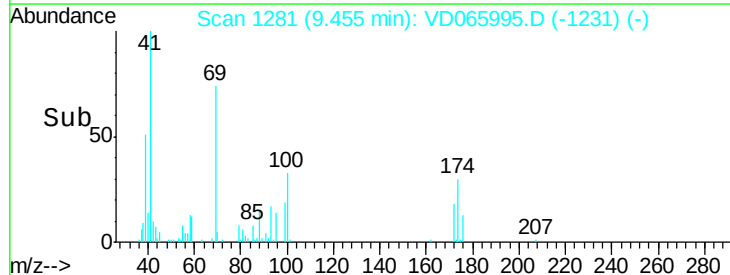
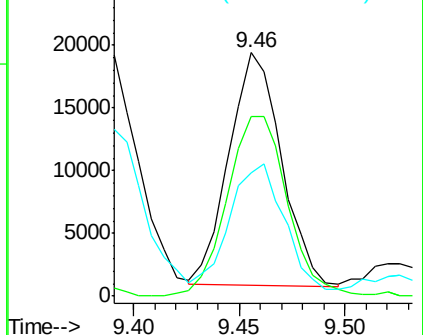
41 100

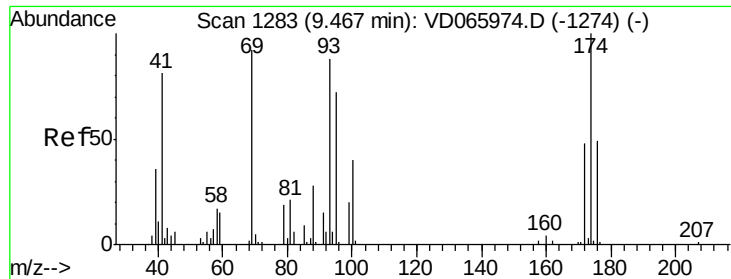
69 88.3 65.1 97.7

39 55.4 41.5 62.3



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

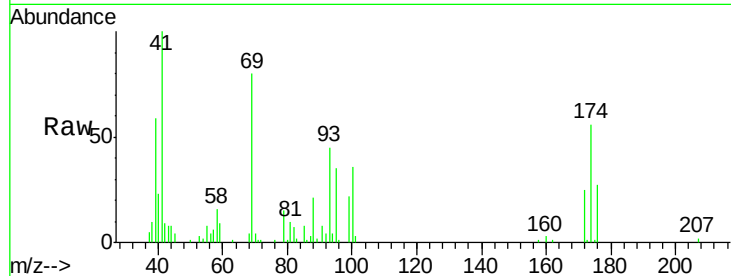




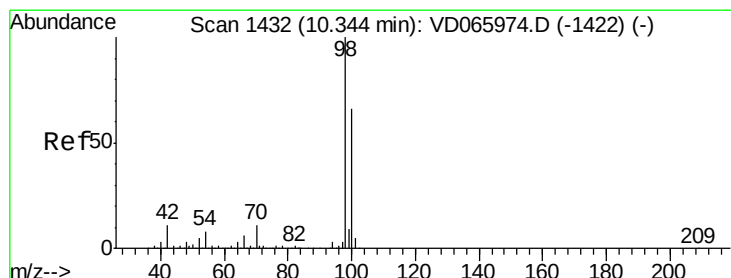
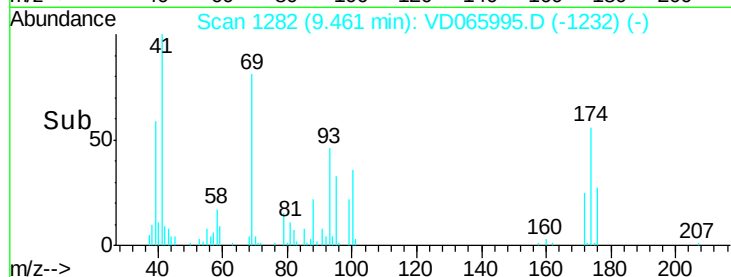
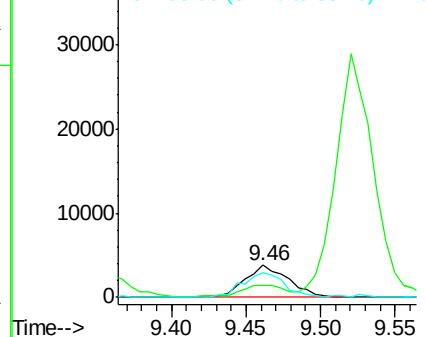
#49
1,4-Dioxane
Concen: 416.290 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Instrument :
MSVOA_D
ClientSampleId :
VD0722SBS01

Tgt Ion: 88 Resp: 7706
Ion Ratio Lower Upper
88 100
43 41.5 29.0 43.6
58 74.0 57.0 85.4

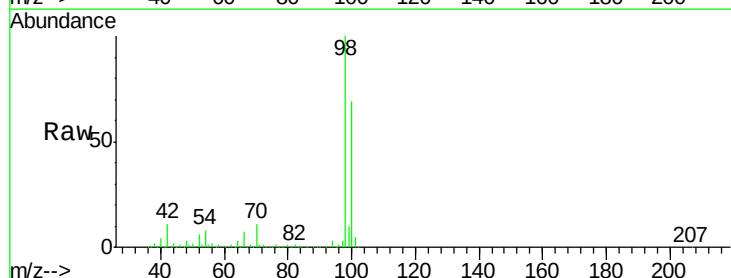


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

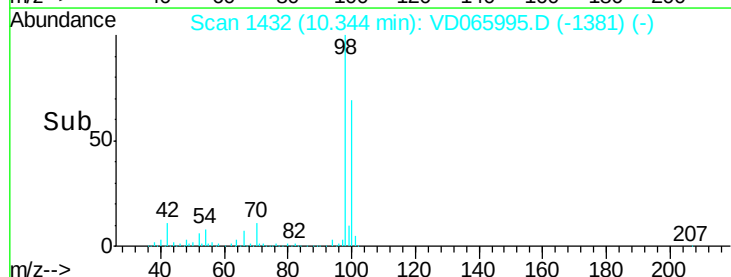
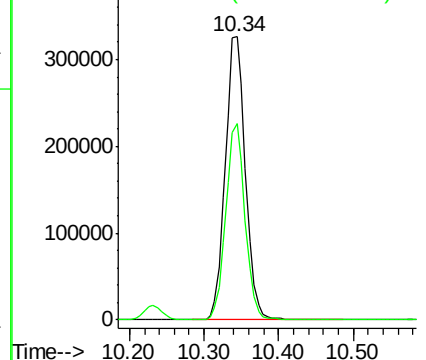


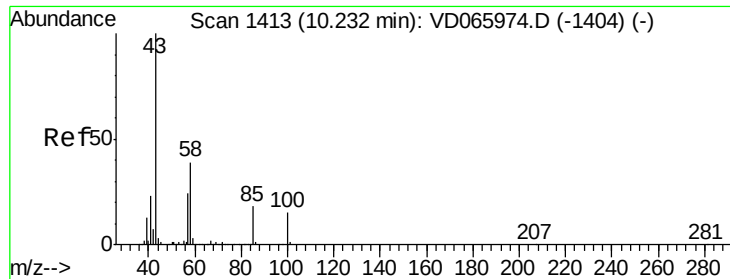
#50
Toluene-d8
Concen: 52.678 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Tgt Ion: 98 Resp: 610903
Ion Ratio Lower Upper
98 100
100 66.6 52.7 79.1



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

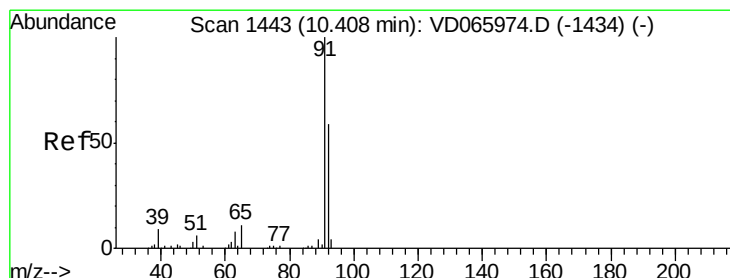
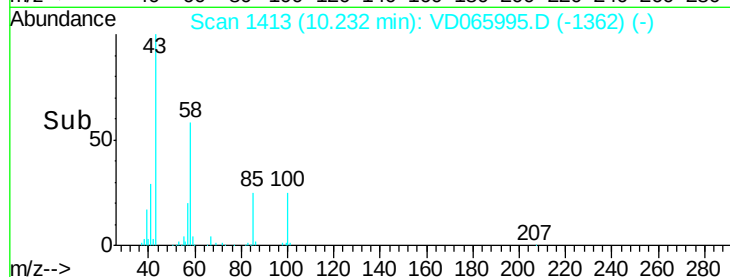
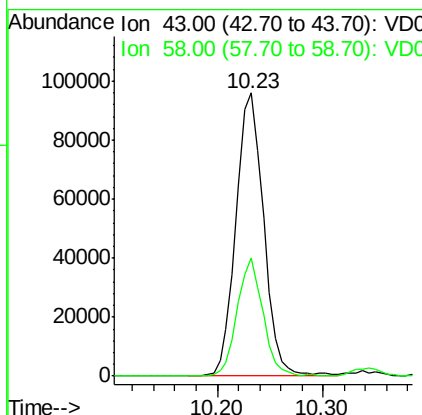
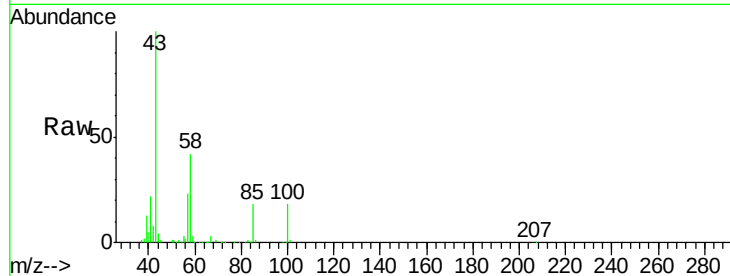




#51
 4-Methyl-2-Pentanone
 Concen: 106.247 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD065995.D
 Acq: 22 Jul 2020 12:16

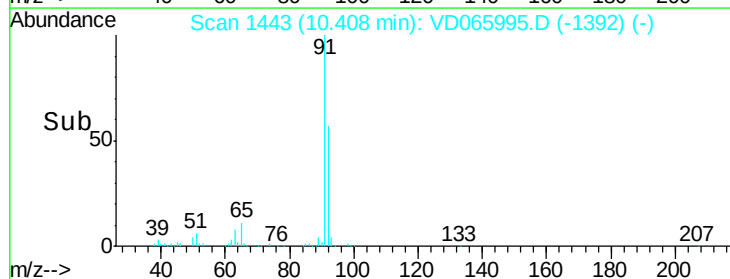
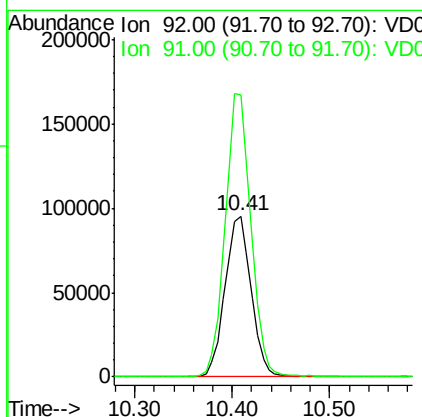
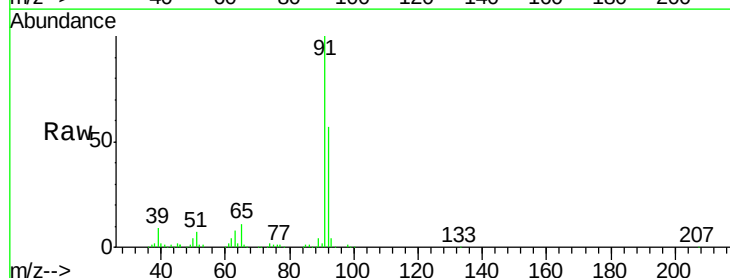
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0722SBS01

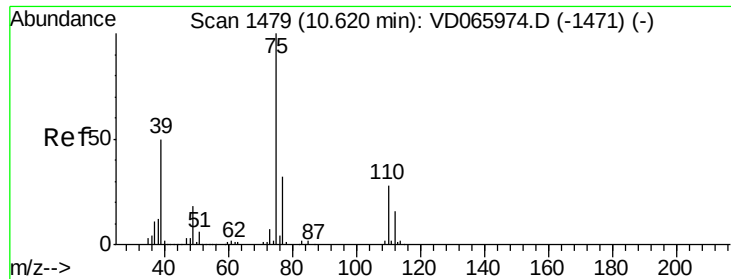
Tgt Ion: 43 Resp: 174912
 Ion Ratio Lower Upper
 43 100
 58 38.5 31.3 46.9



#52
 Toluene
 Concen: 22.164 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD065995.D
 Acq: 22 Jul 2020 12:16

Tgt Ion: 92 Resp: 177128
 Ion Ratio Lower Upper
 92 100
 91 174.0 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 21.685 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.01 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

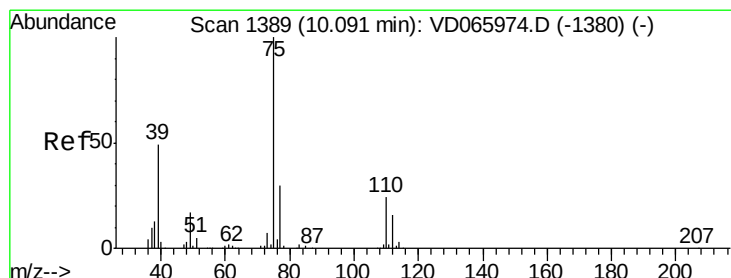
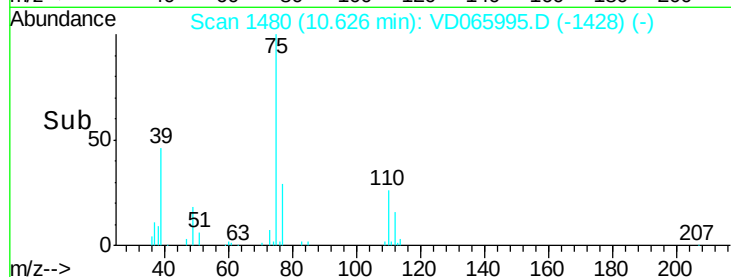
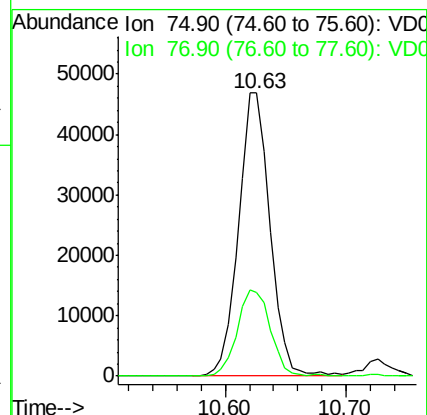
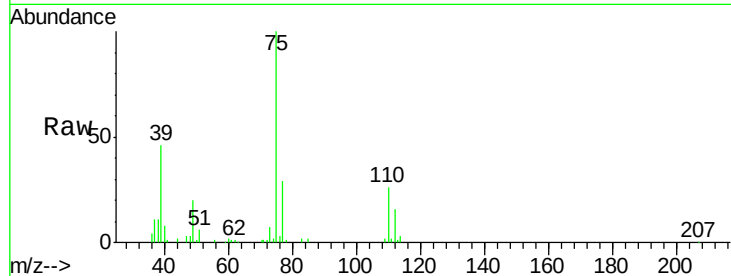
VD0722SBS01

Tgt Ion: 75 Resp: 85351

Ion Ratio Lower Upper

75 100

77 29.4 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 21.554 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

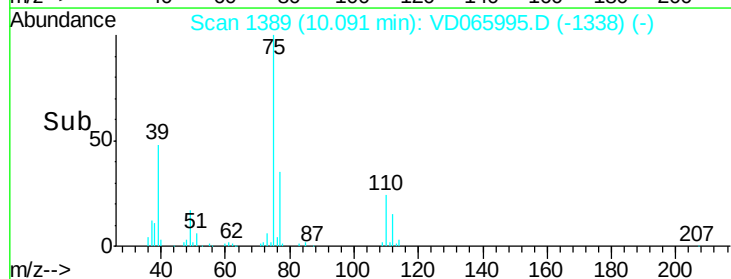
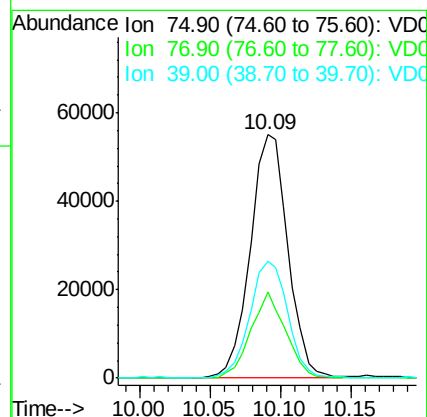
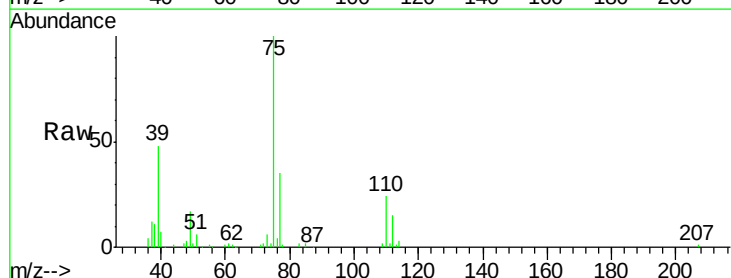
Tgt Ion: 75 Resp: 102835

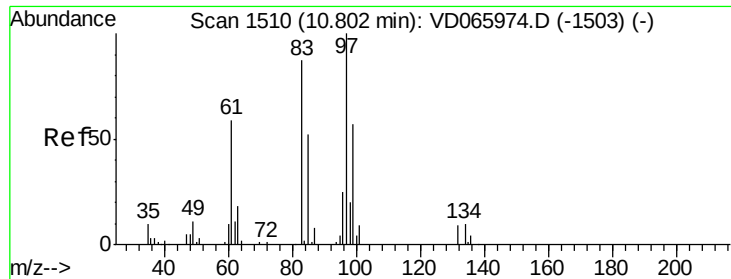
Ion Ratio Lower Upper

75 100

77 35.2 23.8 35.8

39 47.8 38.8 58.2

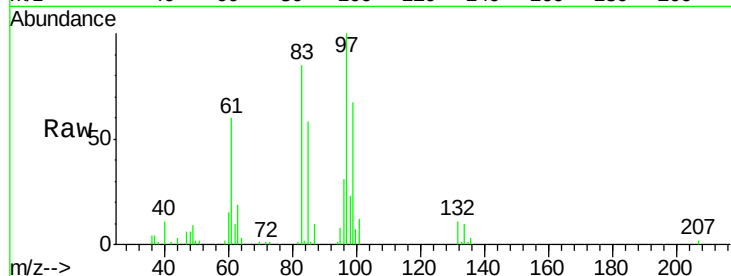




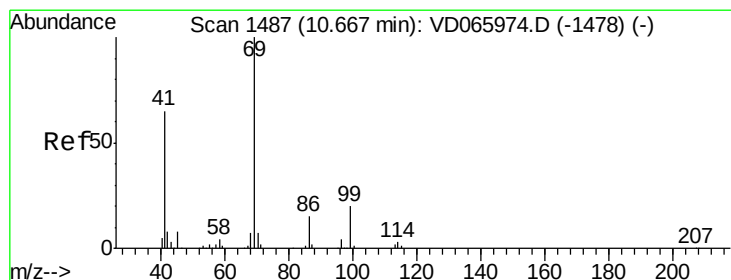
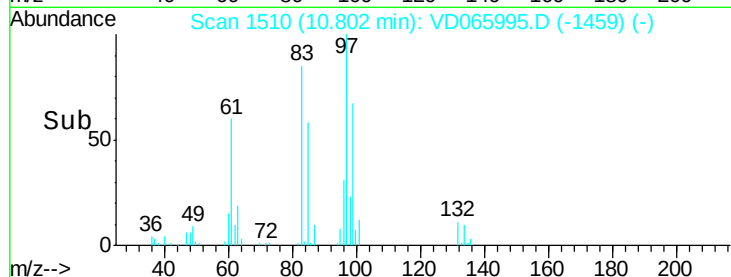
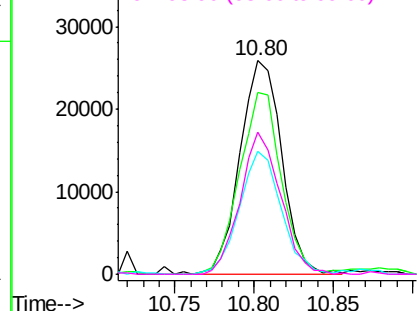
#55
 1,1,2-Trichloroethane
 Concen: 20.886 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065995.D
 Acq: 22 Jul 2020 12:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0722SBS01

Tgt Ion:	97	Resp:	47329
Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.7	104.5
85	57.6	41.6	62.4
99	66.6	45.9	68.9

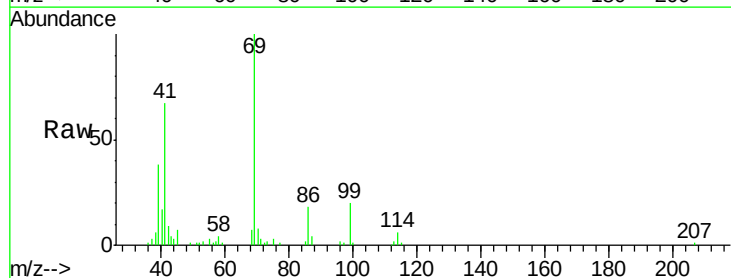


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

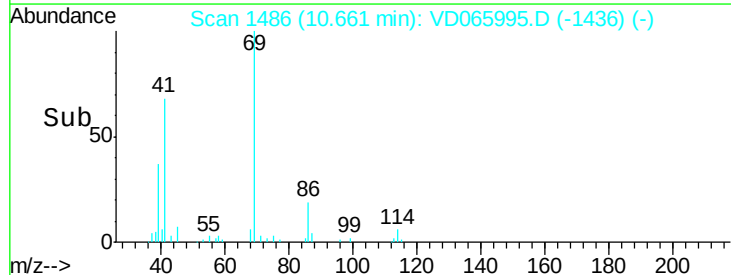
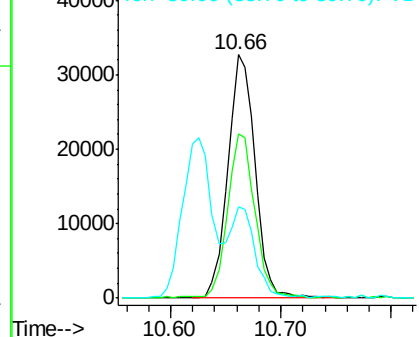


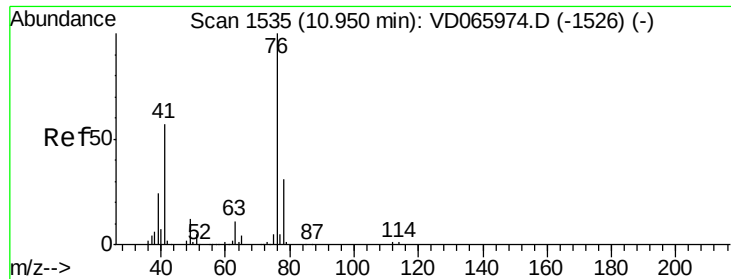
#56
 Ethyl methacrylate
 Concen: 21.406 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD065995.D
 Acq: 22 Jul 2020 12:16

Tgt Ion:	69	Resp:	56397
Ion	Ratio	Lower	Upper
69	100		
41	68.1	52.3	78.5
39	31.5	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

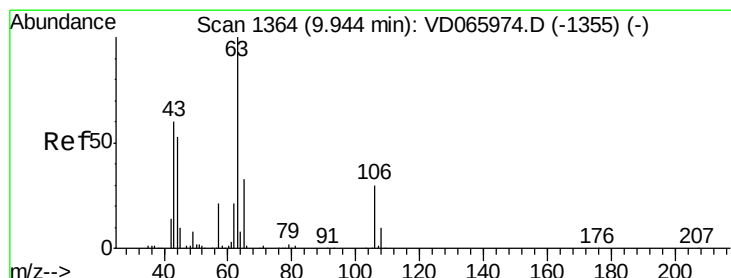
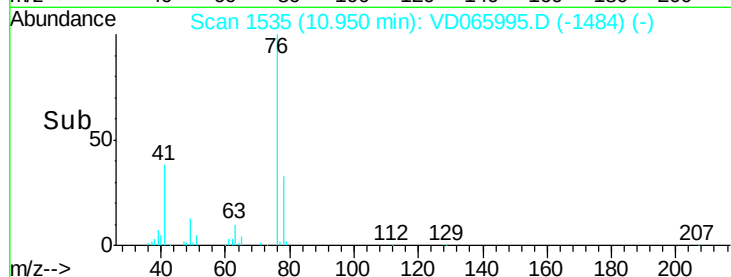
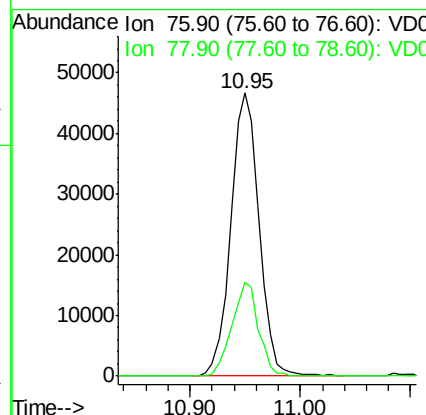
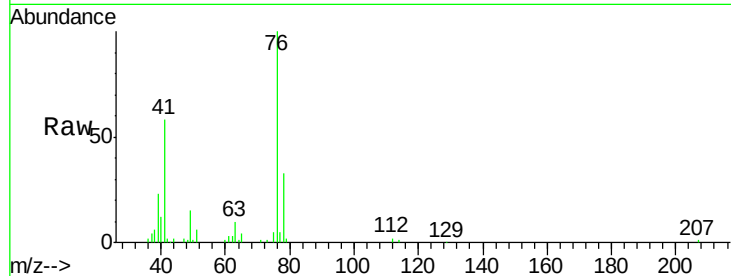




#57
 1,3-Dichloropropane
 Concen: 22.246 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065995.D
 Acq: 22 Jul 2020 12:16

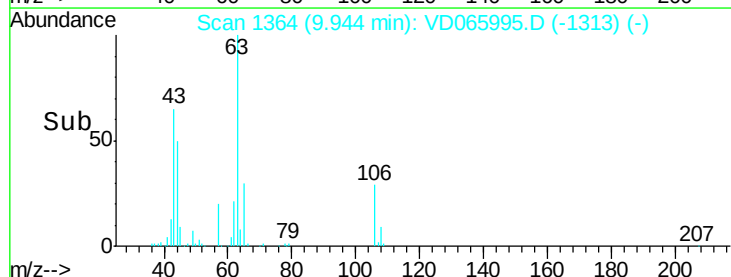
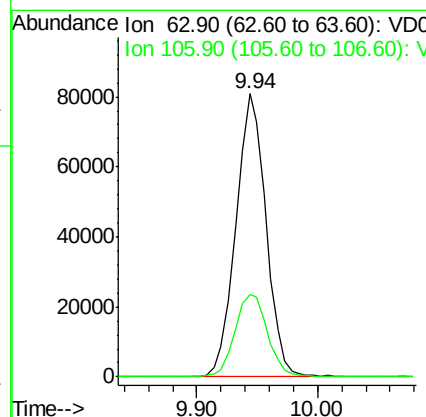
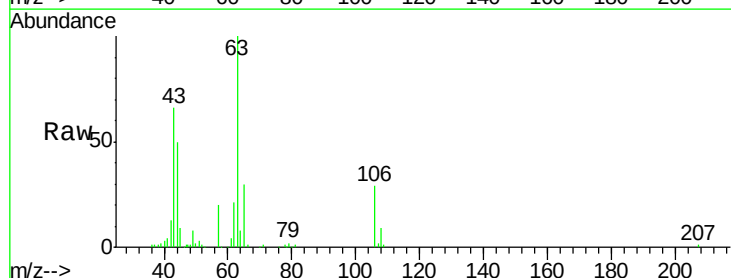
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0722SBS01

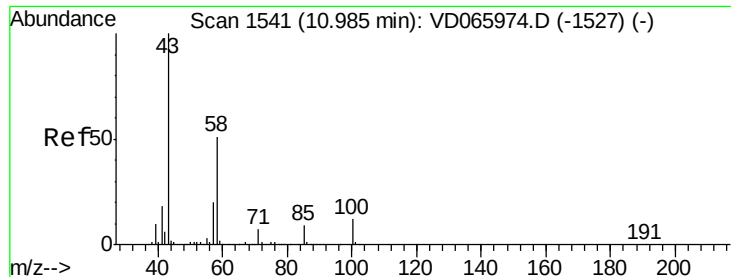
Tgt Ion: 76 Resp: 83453
 Ion Ratio Lower Upper
 76 100
 78 31.1 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 111.668 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065995.D
 Acq: 22 Jul 2020 12:16

Tgt Ion: 63 Resp: 140542
 Ion Ratio Lower Upper
 63 100
 106 31.5 24.4 36.6

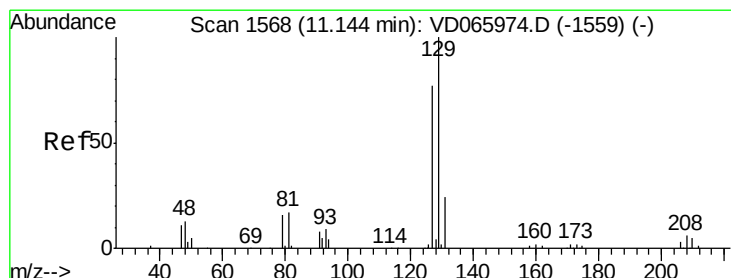
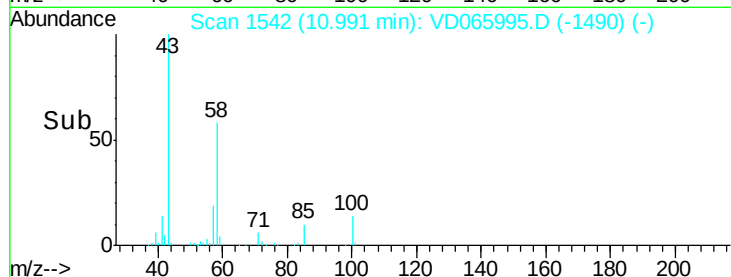
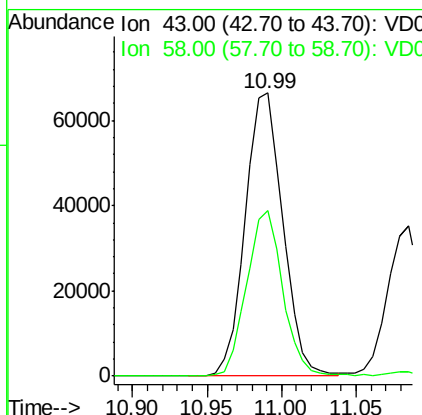
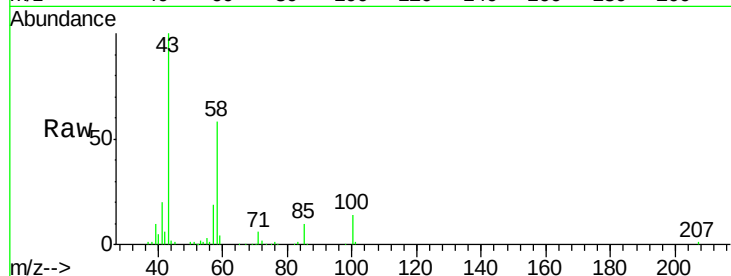




#59
2-Hexanone
Concen: 101.368 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

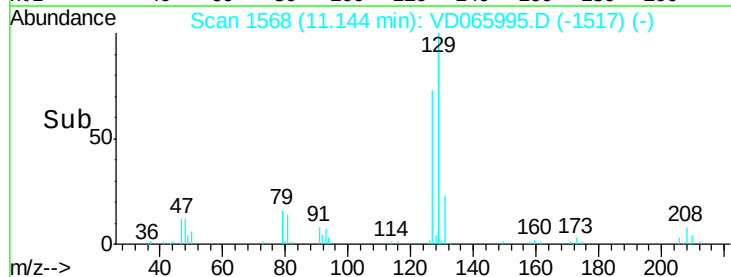
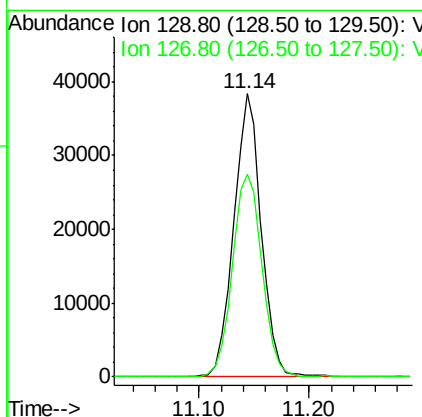
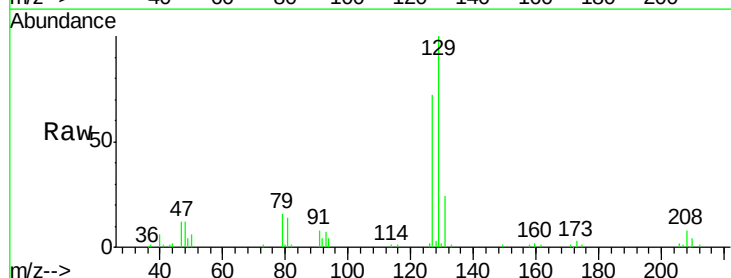
Instrument :
MSVOA_D
ClientSampleId :
VD0722SBS01

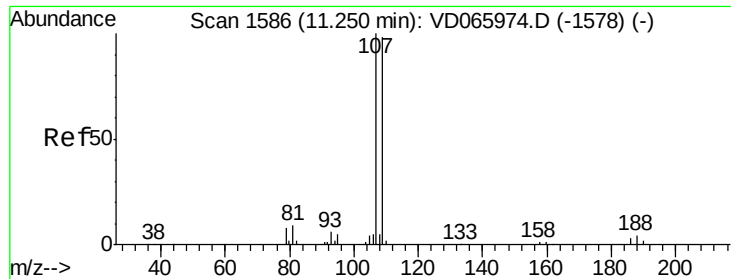
Tgt Ion: 43 Resp: 115646
Ion Ratio Lower Upper
43 100
58 56.0 26.2 78.6



#60
Dibromochloromethane
Concen: 21.911 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Tgt Ion: 129 Resp: 66945
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.7

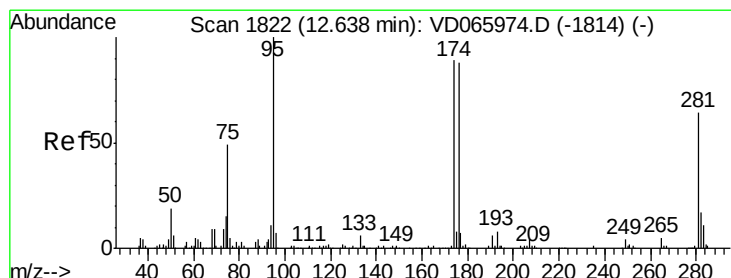
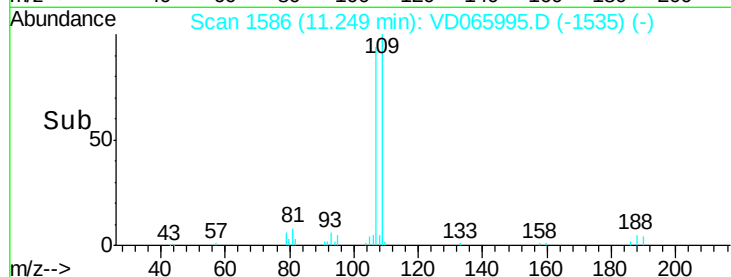
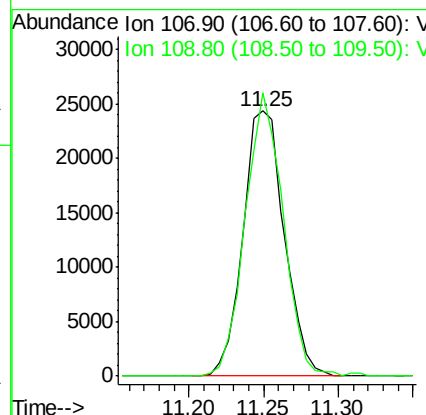
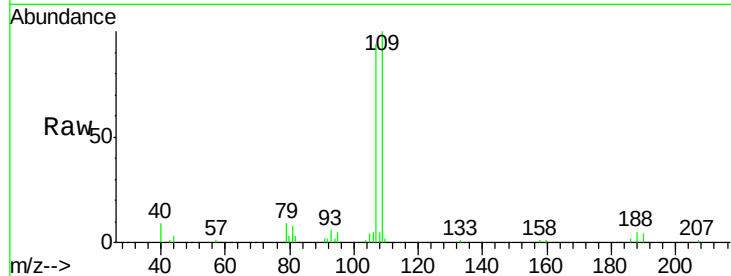




#61
 1,2-Dibromoethane
 Concen: 21.350 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065995.D
 Acq: 22 Jul 2020 12:16

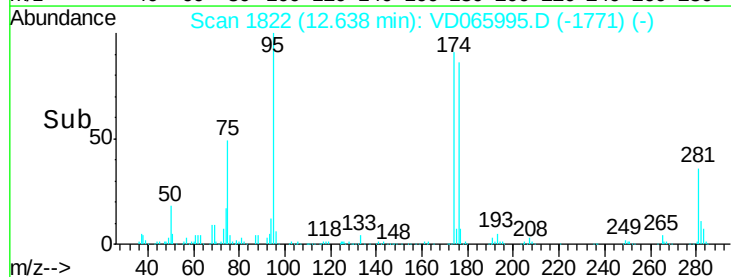
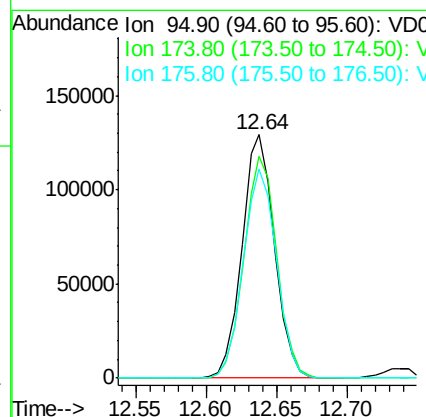
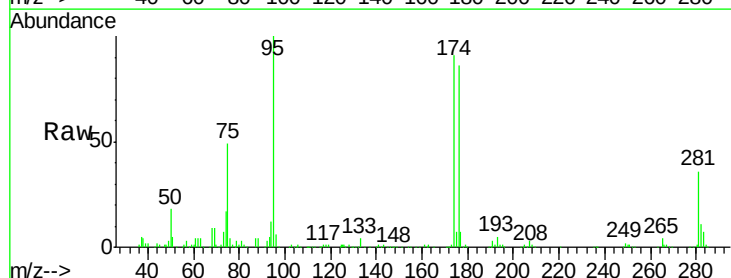
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0722SBS01

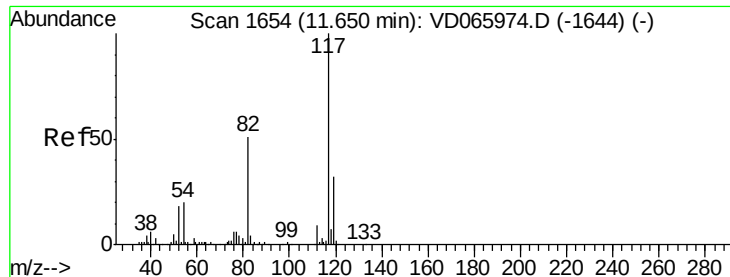
Tgt Ion: 107 Resp: 46647
 Ion Ratio Lower Upper
 107 100
 109 97.8 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 51.643 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065995.D
 Acq: 22 Jul 2020 12:16

Tgt Ion: 95 Resp: 207663
 Ion Ratio Lower Upper
 95 100
 174 92.5 0.0 178.8
 176 88.4 0.0 172.6

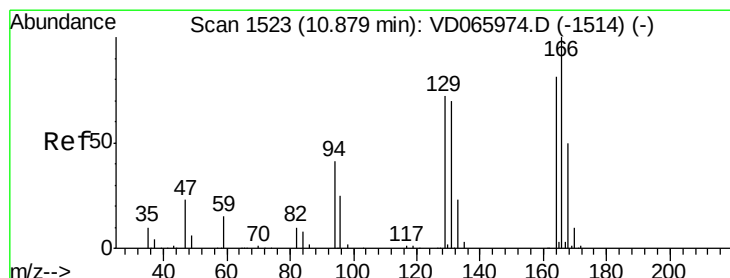
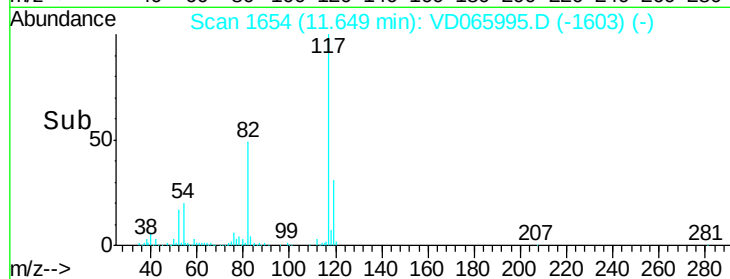
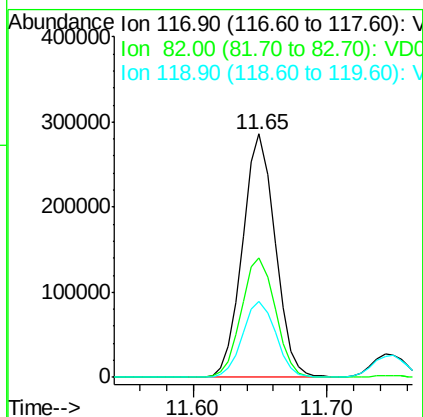
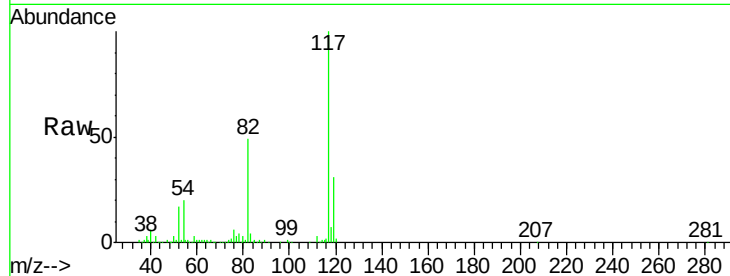




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

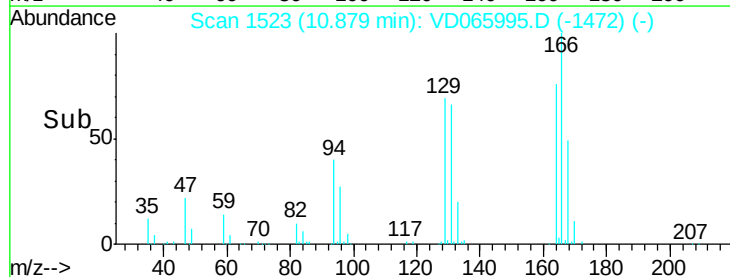
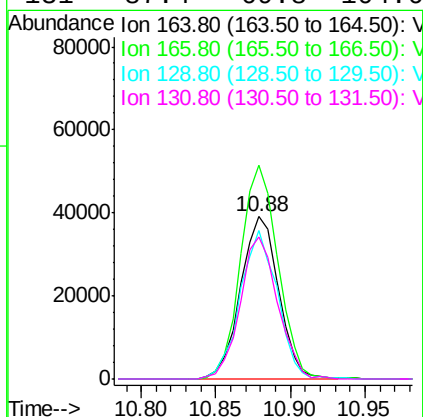
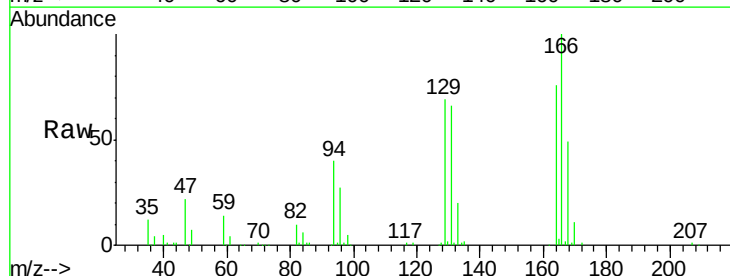
Instrument :
MSVOA_D
ClientSampleId :
VD0722SBS01

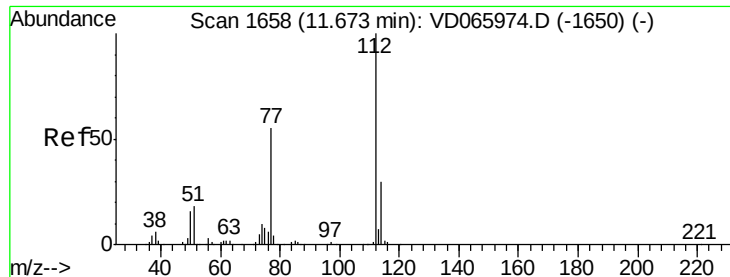
Tgt Ion:117 Resp: 483758
Ion Ratio Lower Upper
117 100
82 49.0 41.1 61.7
119 31.0 25.9 38.9



#64
Tetrachloroethene
Concen: 21.107 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Tgt Ion:164 Resp: 69305
Ion Ratio Lower Upper
164 100
166 131.6 99.1 148.7
129 91.4 71.5 107.3
131 87.4 69.8 104.6

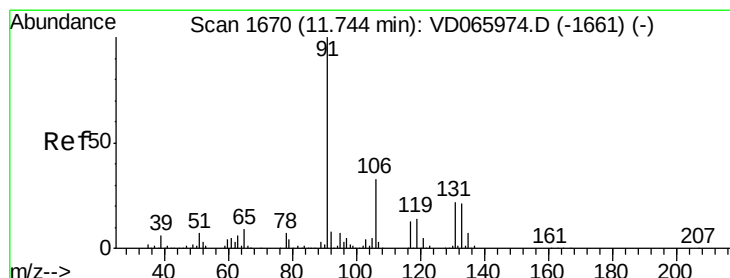
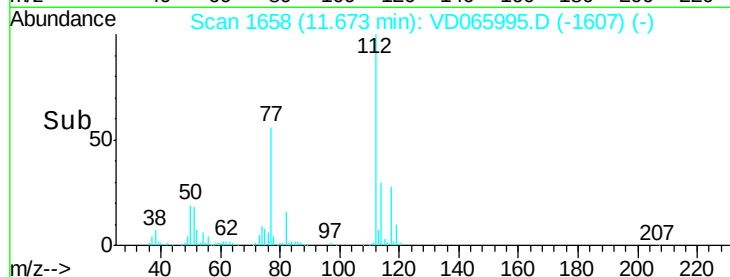
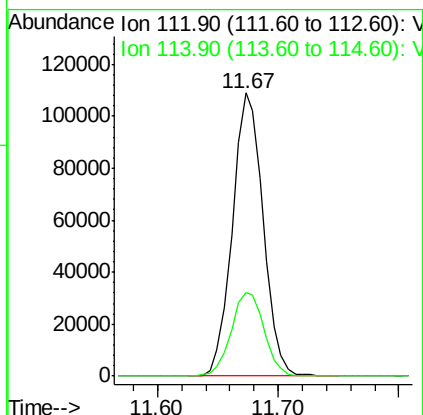
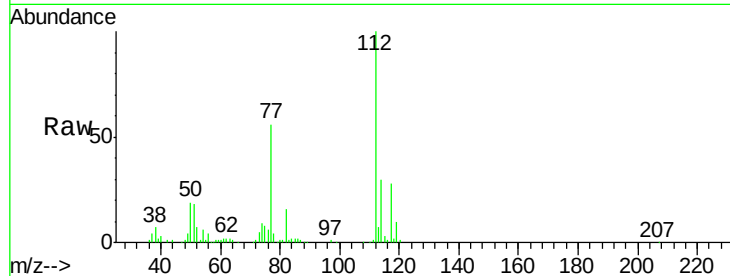




#65
Chlorobenzene
Concen: 21.754 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

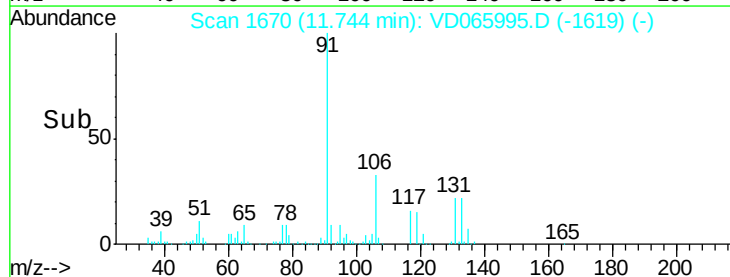
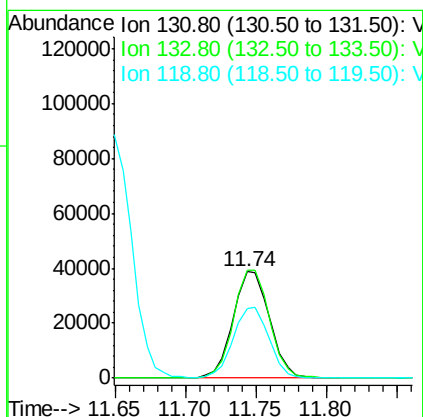
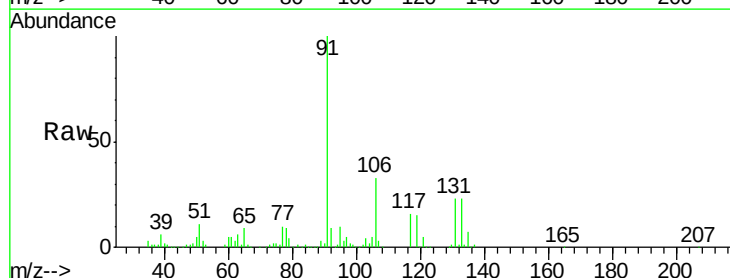
Instrument :
MSVOA_D
ClientSampleId :
VD0722SBS01

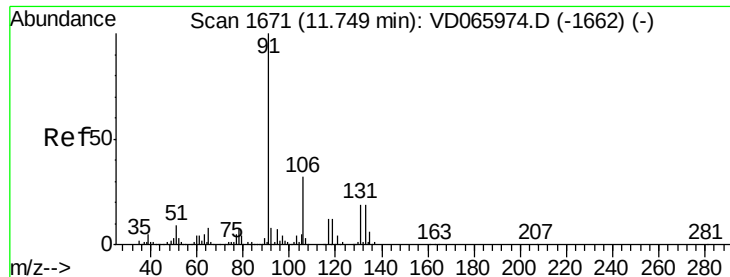
Tgt Ion:112 Resp: 192683
Ion Ratio Lower Upper
112 100
114 29.7 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.538 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Tgt Ion:131 Resp: 70439
Ion Ratio Lower Upper
131 100
133 99.5 47.3 142.0
119 65.1 31.7 95.1





#67

Ethyl Benzene

Concen: 21.523 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

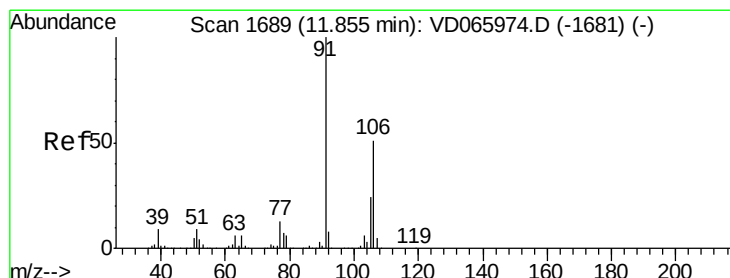
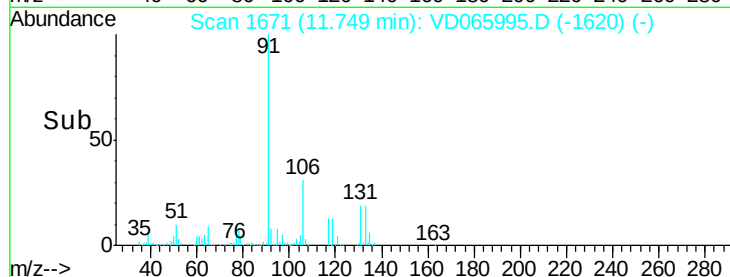
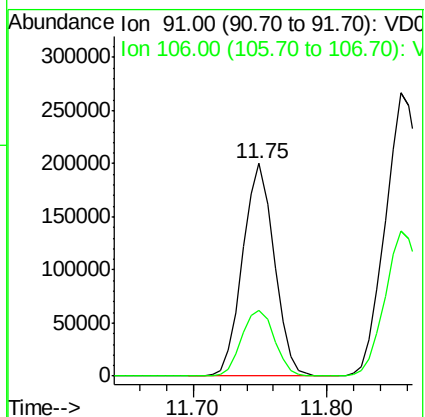
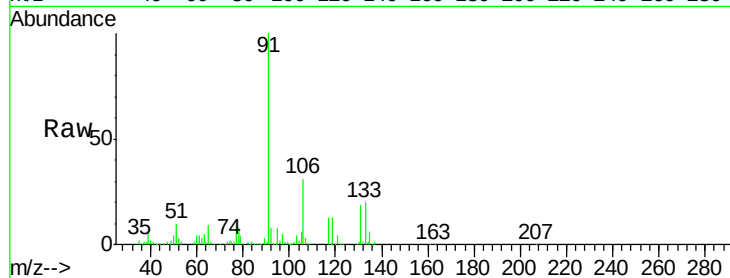
VD0722SBS01

Tgt Ion: 91 Resp: 328074

Ion Ratio Lower Upper

91 100

106 30.9 25.7 38.5



#68

m/p-Xylenes

Concen: 45.056 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065995.D

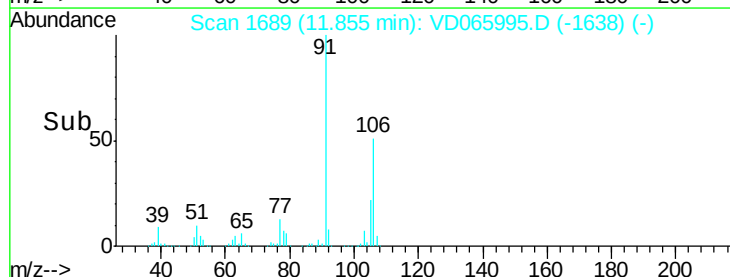
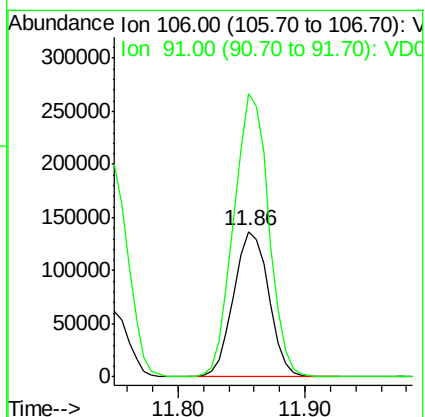
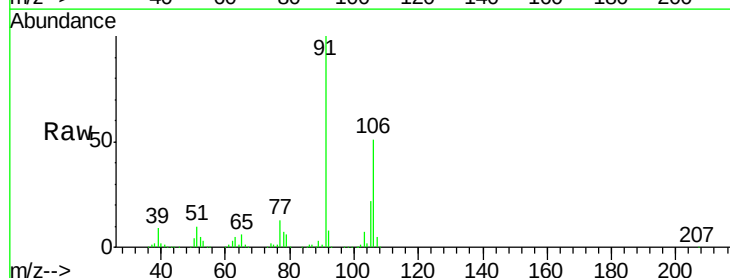
Acq: 22 Jul 2020 12:16

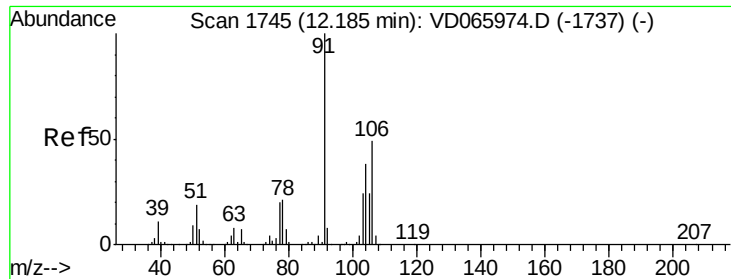
Tgt Ion: 106 Resp: 263972

Ion Ratio Lower Upper

106 100

91 193.4 157.0 235.6

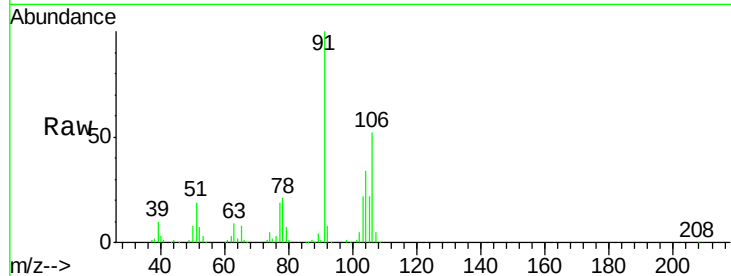




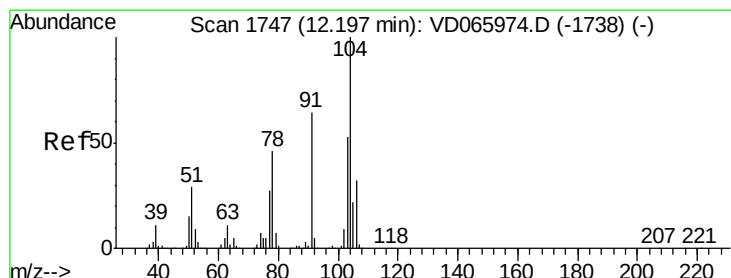
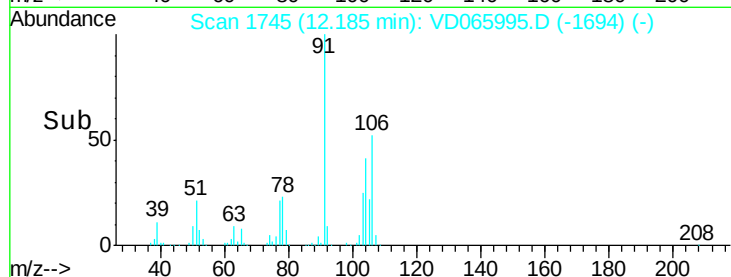
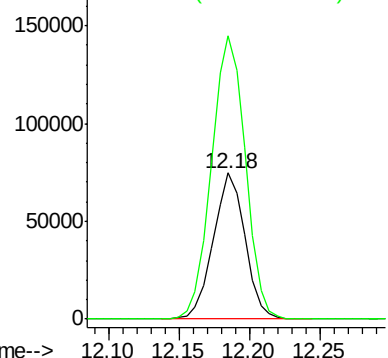
#69
o-Xylene
Concen: 22.156 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Instrument :
MSVOA_D
ClientSampleId :
VD0722SBS01

Tgt Ion:106 Resp: 118064
Ion Ratio Lower Upper
106 100
91 205.8 103.1 309.3

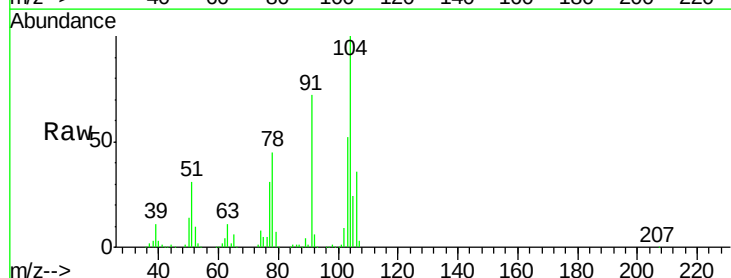


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

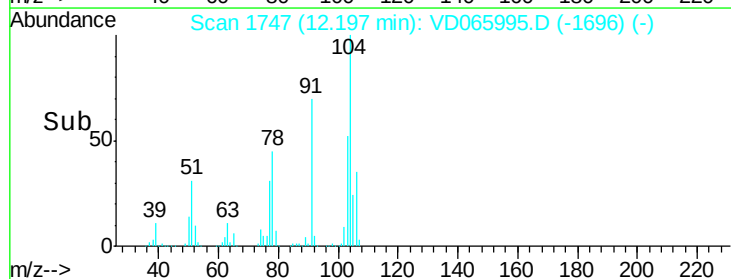
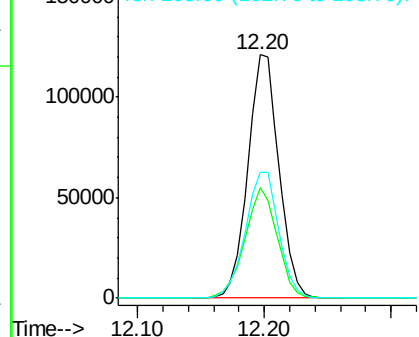


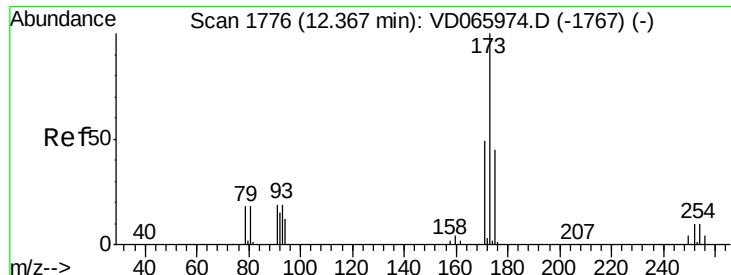
#70
Styrene
Concen: 22.595 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Tgt Ion:104 Resp: 206868
Ion Ratio Lower Upper
104 100
78 47.1 38.3 57.5
103 55.5 43.8 65.8



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

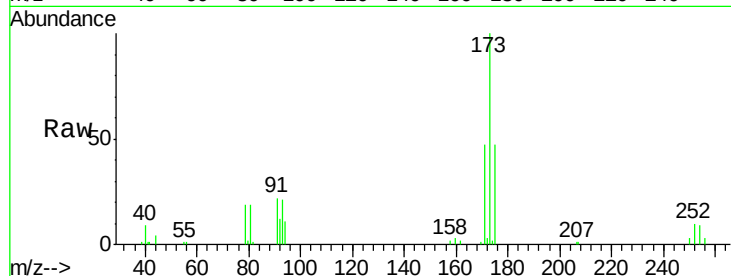




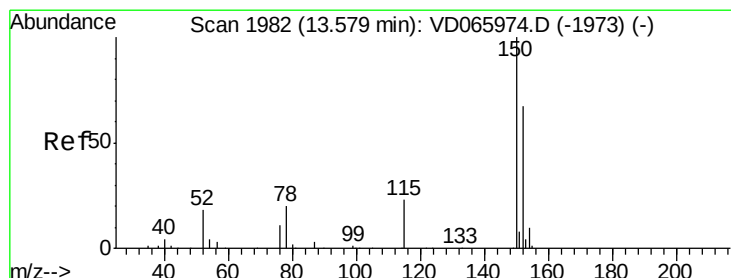
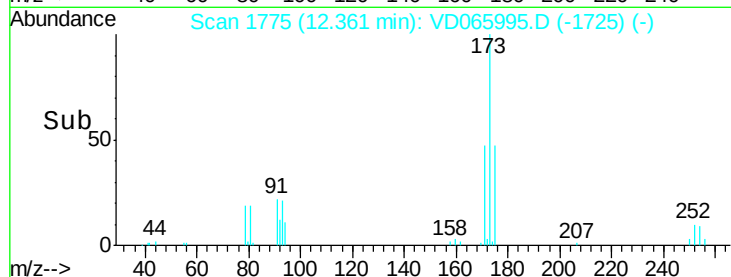
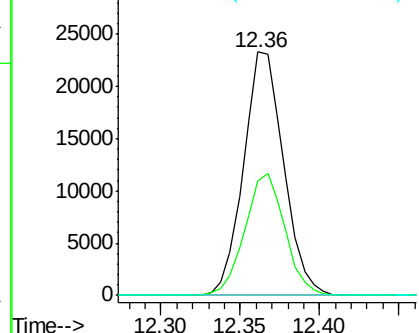
#71
Bromoform
Concen: 21.353 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Instrument :
MSVOA_D
ClientSampleId :
VD0722SBS01

Tgt Ion:173 Resp: 40907
Ion Ratio Lower Upper
173 100
175 49.7 24.1 72.3
254 0.0 0.0 0.0

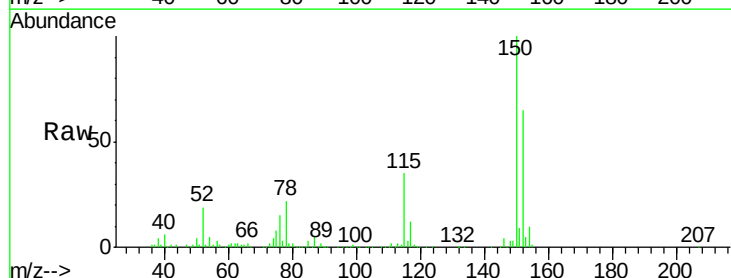


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

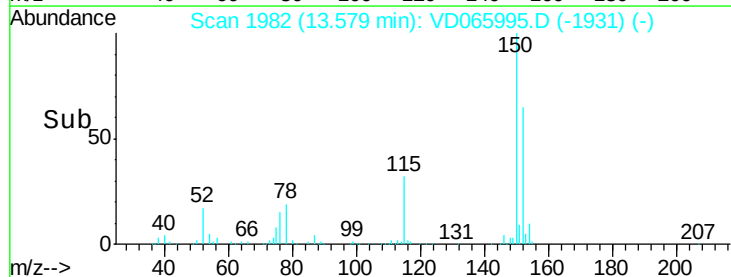
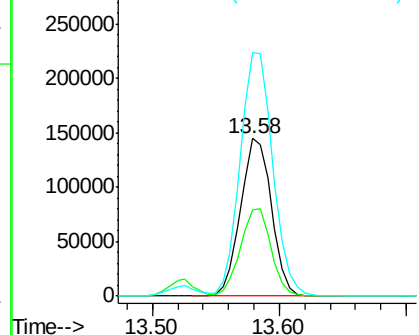


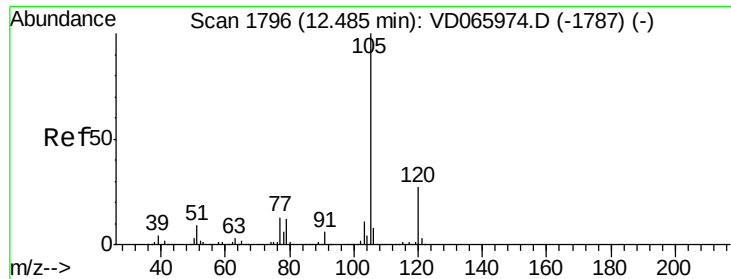
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Tgt Ion:152 Resp: 244321
Ion Ratio Lower Upper
152 100
115 54.8 27.9 83.7
150 163.5 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: 21.793 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

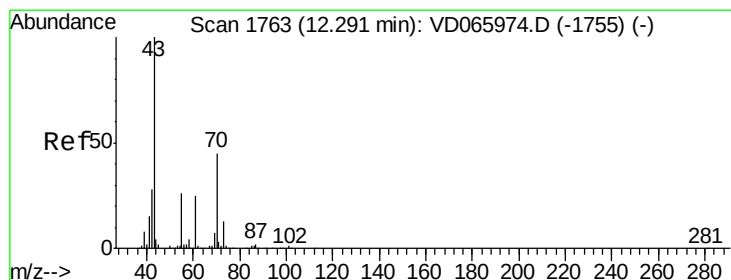
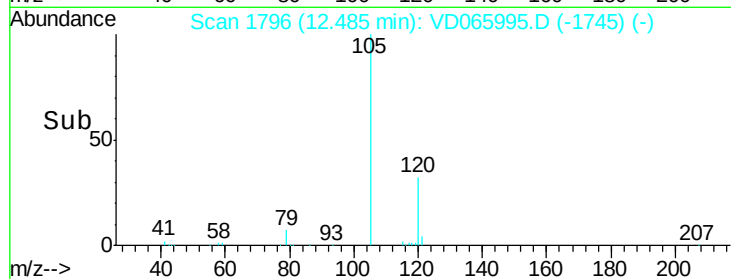
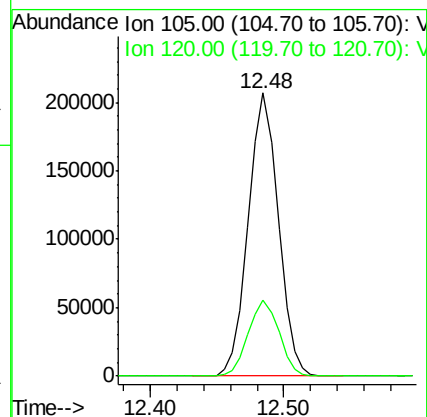
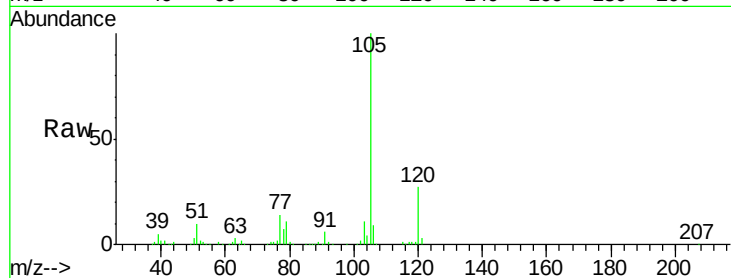
VD0722SBS01

Tgt Ion:105 Resp: 322184

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.8



#74

N-ethyl acetate

Concen: 20.373 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Tgt Ion: 43 Resp: 62448

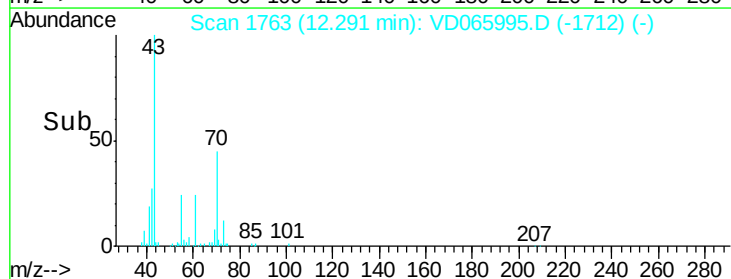
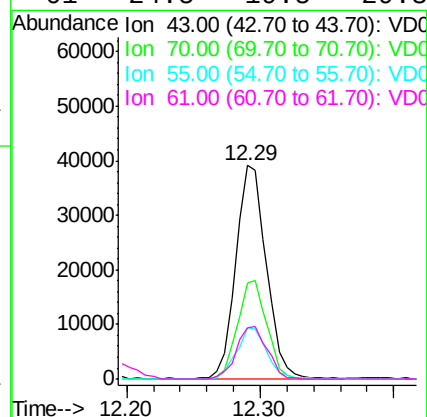
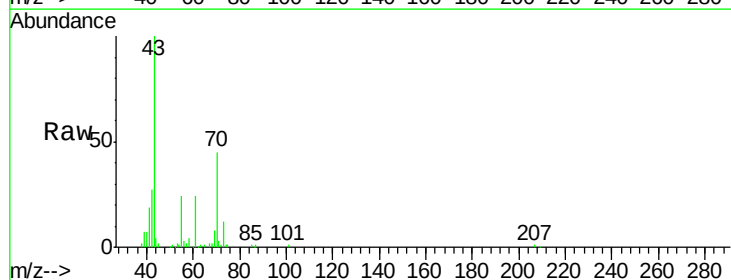
Ion Ratio Lower Upper

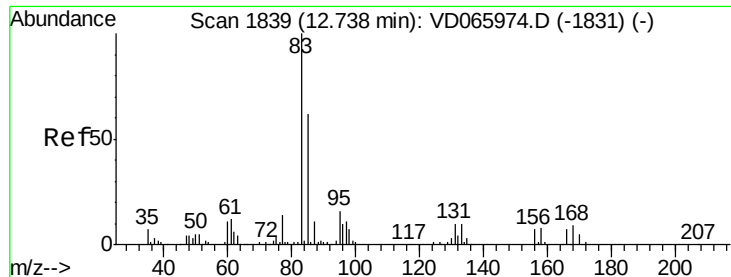
43 100

70 44.1 34.6 51.8

55 23.8 20.3 30.5

61 24.5 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.037 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0722SBS01

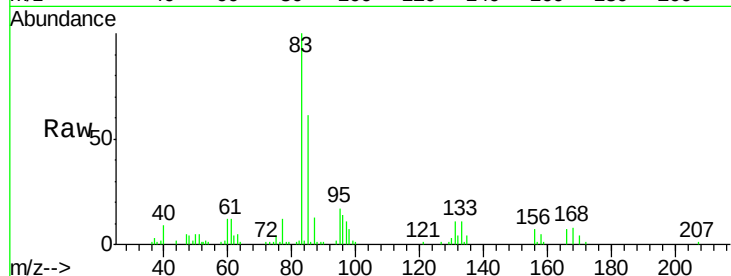
Tgt Ion: 83 Resp: 51398

Ion Ratio Lower Upper

83 100

131 11.7 5.7 17.1

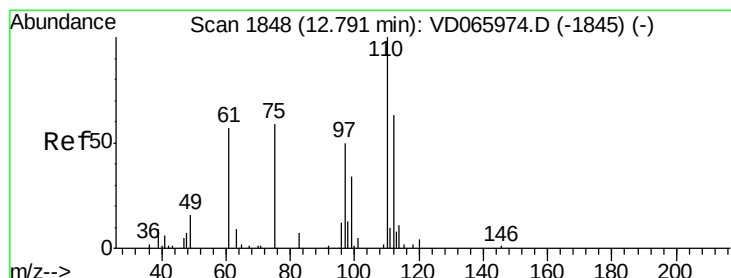
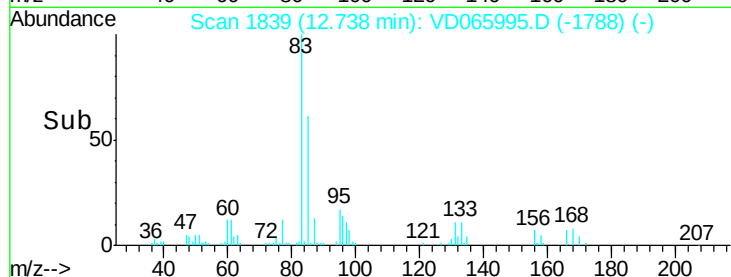
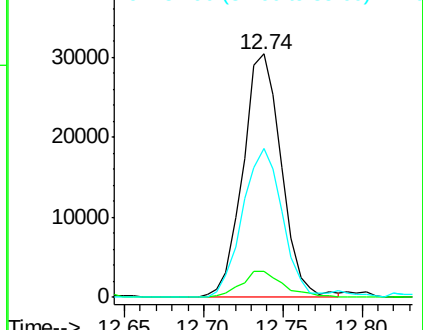
85 63.6 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 35.839 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065995.D

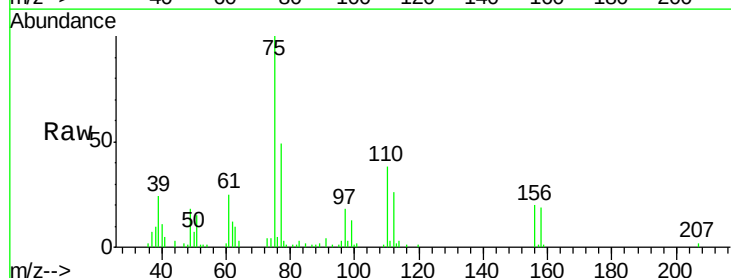
Acq: 22 Jul 2020 12:16

Tgt Ion: 75 Resp: 65930

Ion Ratio Lower Upper

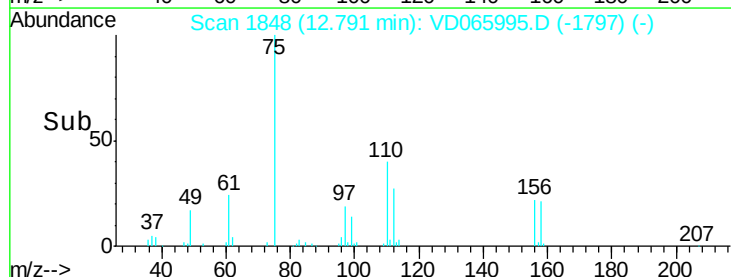
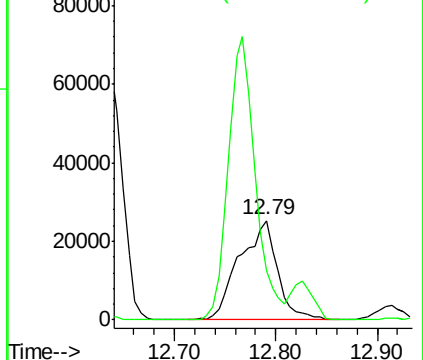
75 100

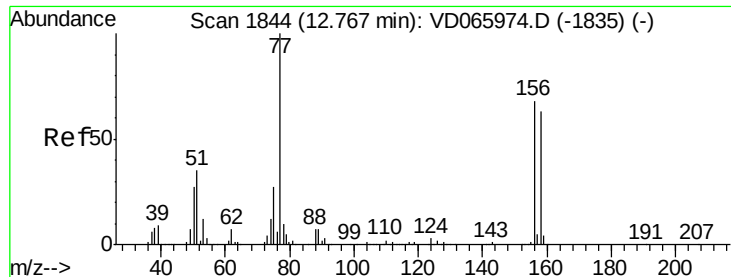
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 22.427 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0722SBS01

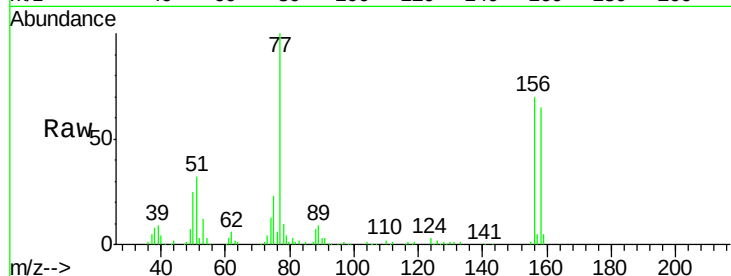
Tgt Ion:156 Resp: 84736

Ion Ratio Lower Upper

156 100

77 157.8 83.0 249.0

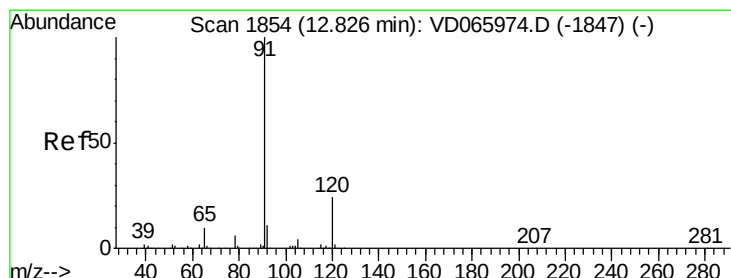
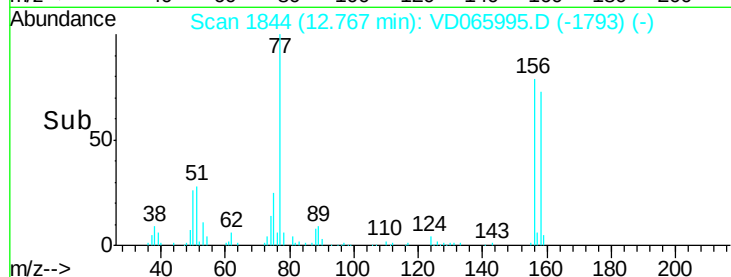
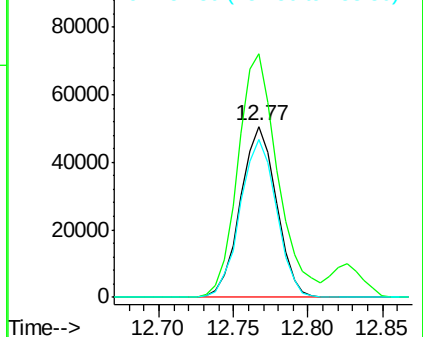
158 92.7 48.2 144.6



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: 22.120 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065995.D

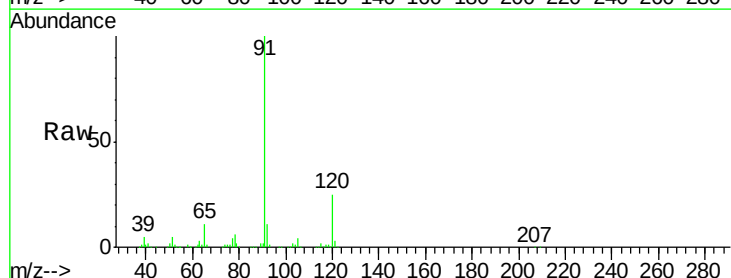
Acq: 22 Jul 2020 12:16

Tgt Ion: 91 Resp: 379469

Ion Ratio Lower Upper

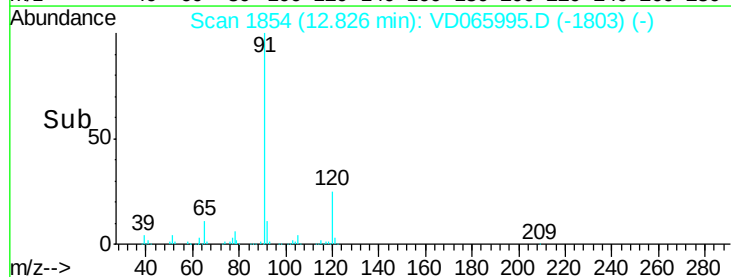
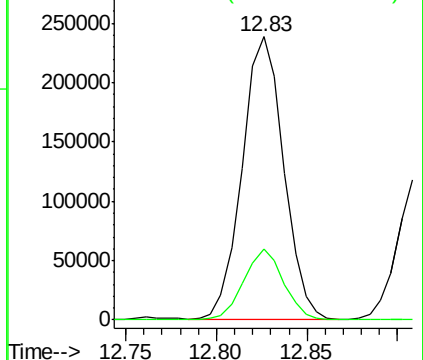
91 100

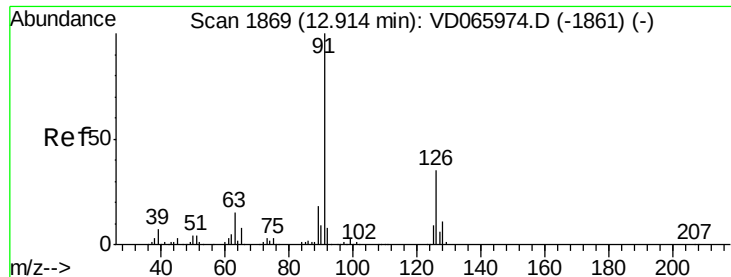
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.109 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

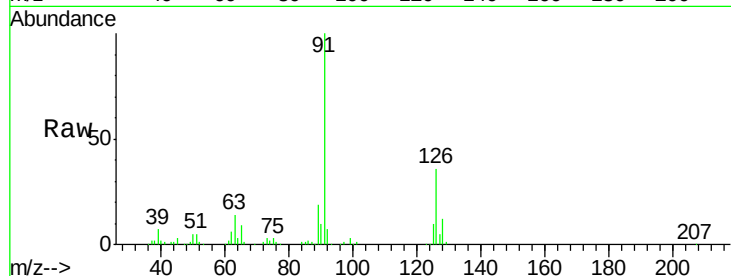
VD0722SBS01

Tgt Ion: 91 Resp: 216688

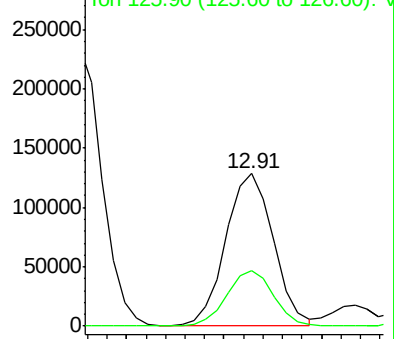
Ion Ratio Lower Upper

91 100

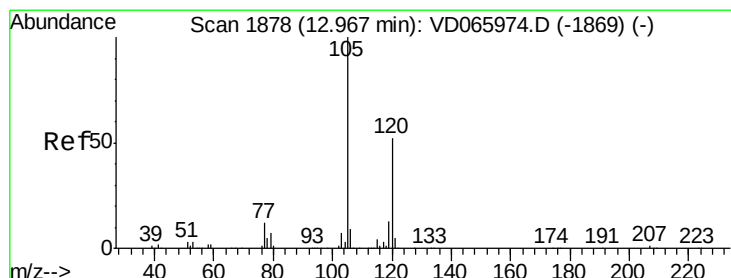
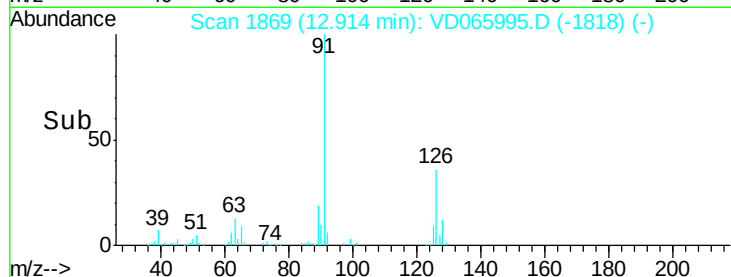
126 35.6 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VD065974.D (-1861) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 22.357 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065995.D

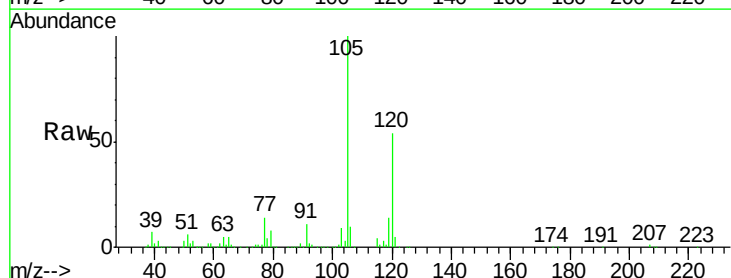
Acq: 22 Jul 2020 12:16

Tgt Ion: 105 Resp: 271551

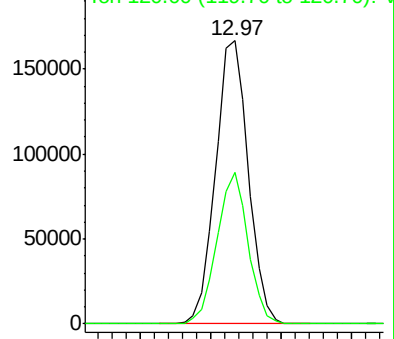
Ion Ratio Lower Upper

105 100

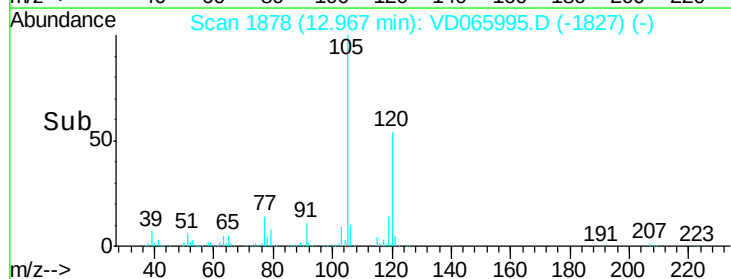
120 50.9 25.6 76.6

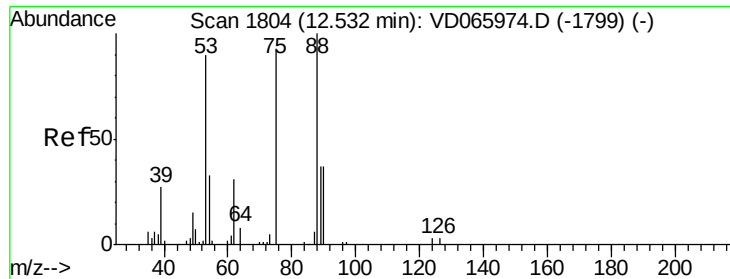


Abundance Ion 105.00 (104.70 to 105.70): VD065974.D (-1869) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.959 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0722SBS01

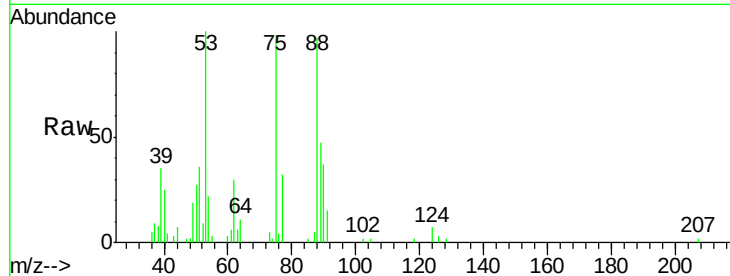
Tgt Ion: 75 Resp: 16803

Ion Ratio Lower Upper

75 100

53 96.6 76.8 115.2

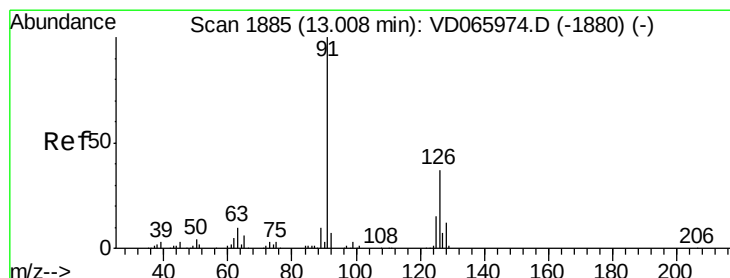
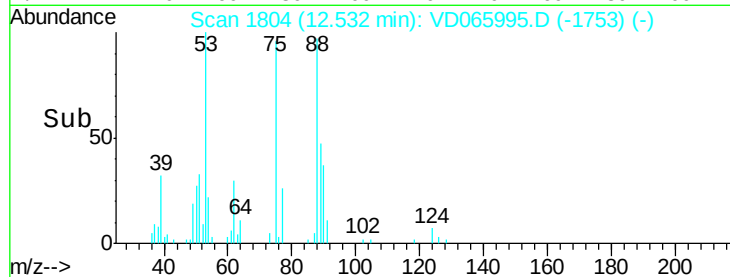
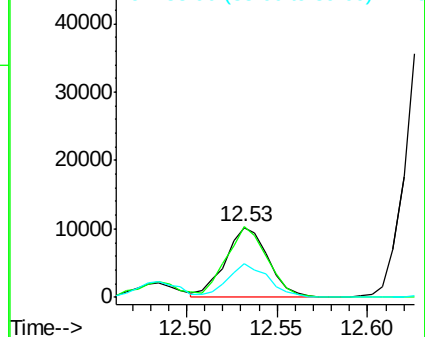
89 45.1 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 22.790 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065995.D

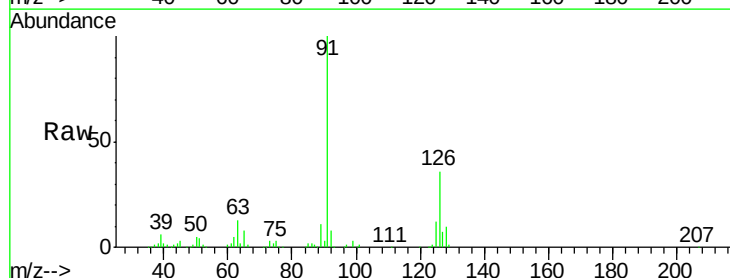
Acq: 22 Jul 2020 12:16

Tgt Ion: 91 Resp: 235758

Ion Ratio Lower Upper

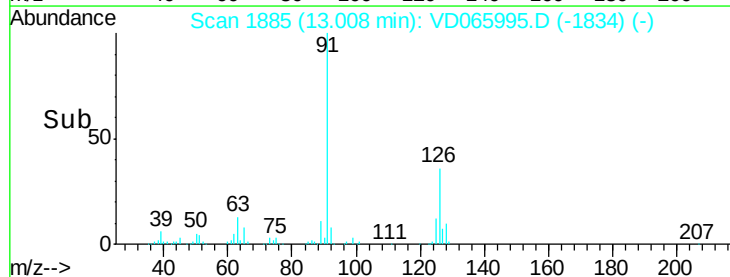
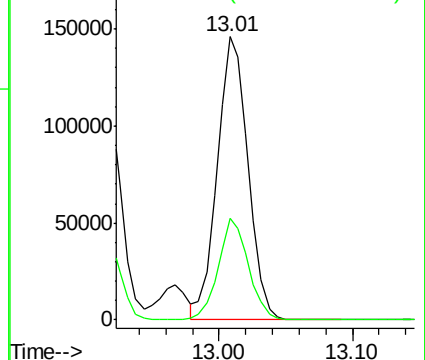
91 100

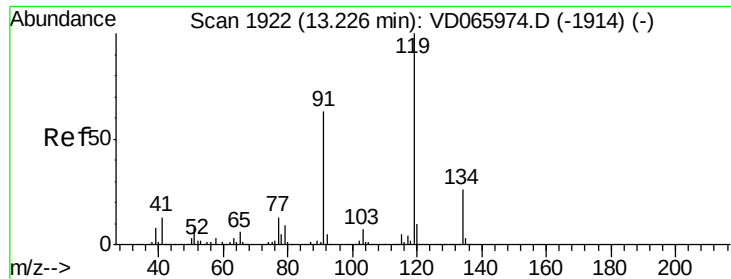
126 35.1 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

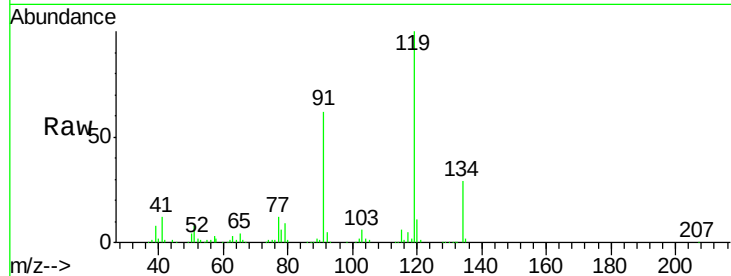




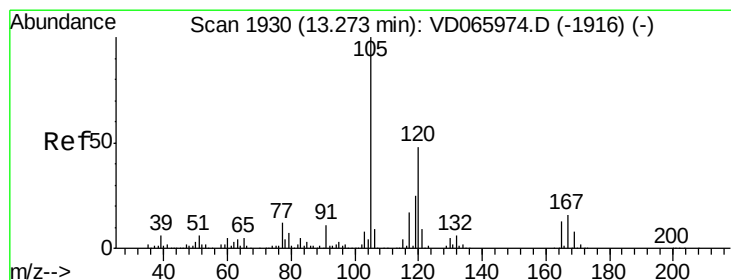
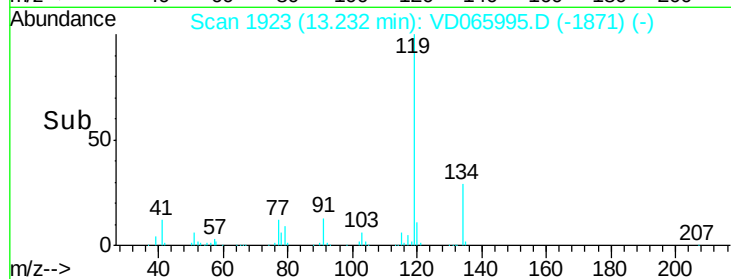
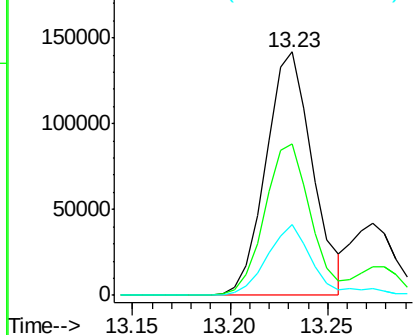
#83
 tert-Butylbenzene
 Concen: 22.166 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD065995.D
 Acq: 22 Jul 2020 12:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0722SBS01

Tgt Ion:119 Resp: 235588
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.6 91.6
 134 28.9 13.9 41.7

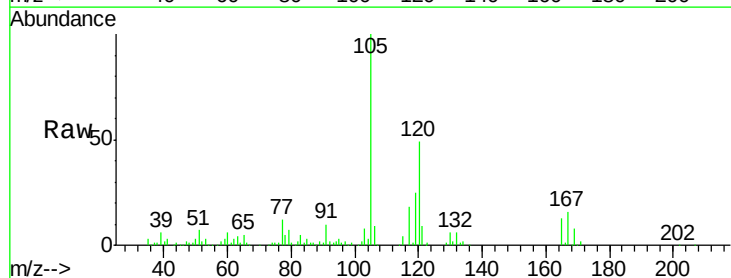


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

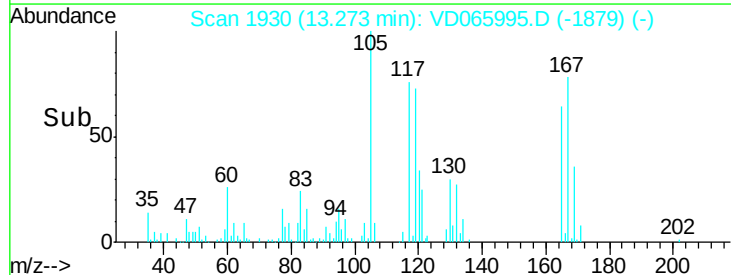
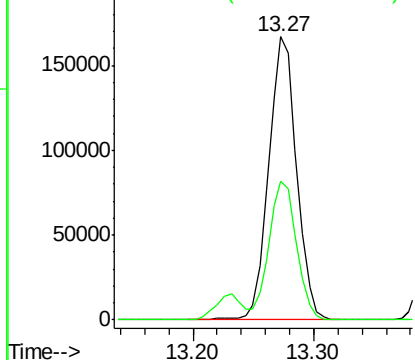


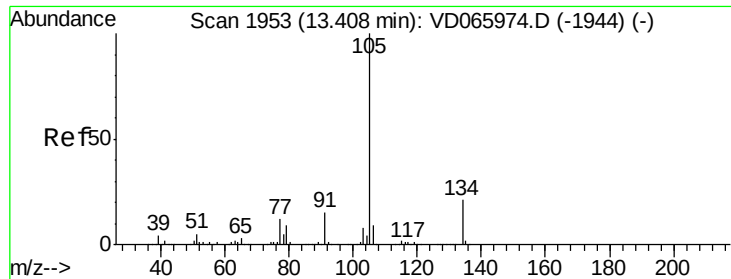
#84
 1,2,4-Trimethylbenzene
 Concen: 22.302 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065995.D
 Acq: 22 Jul 2020 12:16

Tgt Ion:105 Resp: 267244
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.713 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

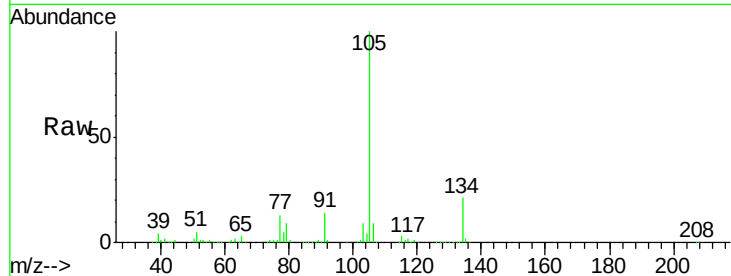
VD0722SBS01

Tgt Ion:105 Resp: 317869

Ion Ratio Lower Upper

105 100

134 21.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

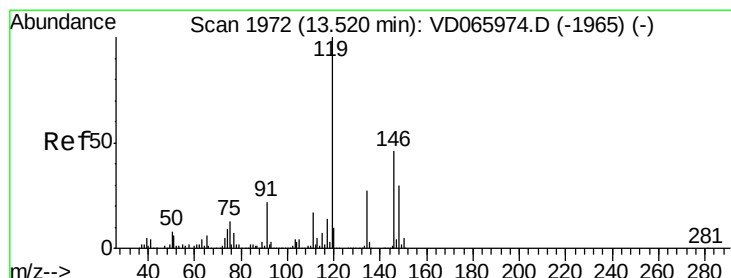
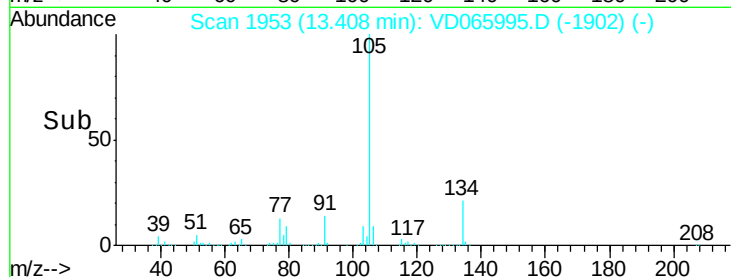
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 22.949 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

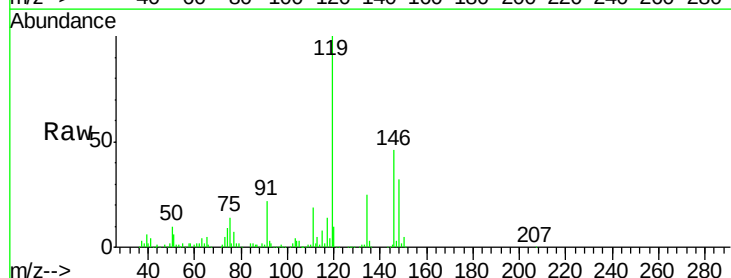
Tgt Ion:119 Resp: 305223

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 22.4 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

250000

200000

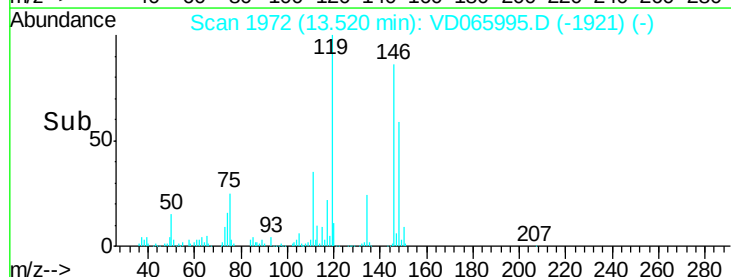
150000

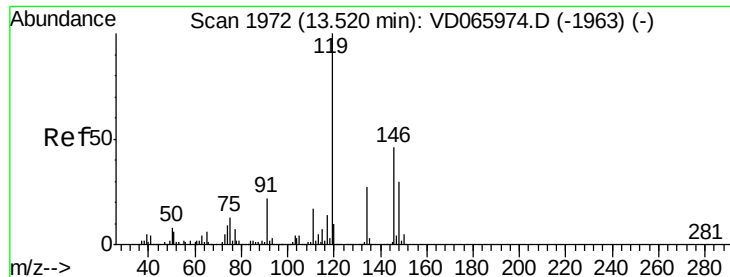
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 22.183 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0722SBS01

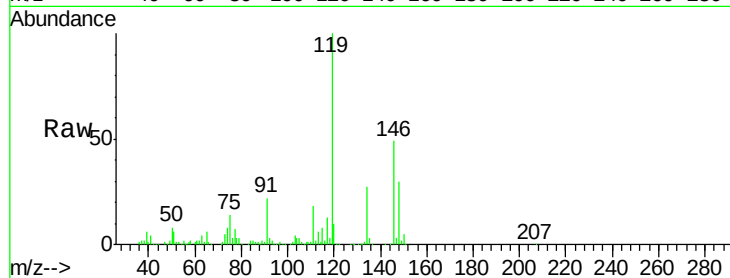
Tgt Ion:146 Resp: 155604

Ion Ratio Lower Upper

146 100

111 38.1 18.6 55.6

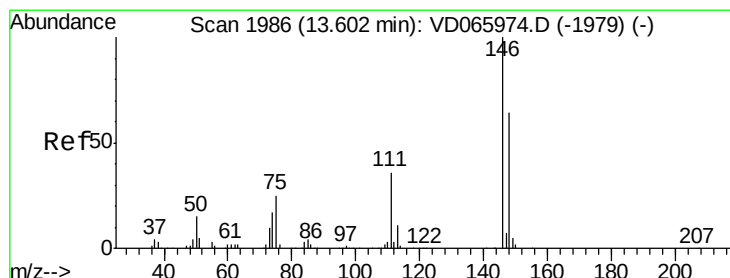
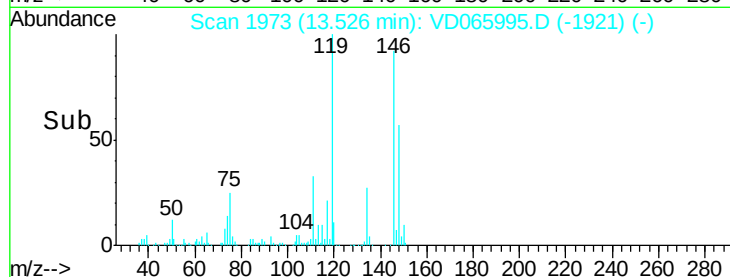
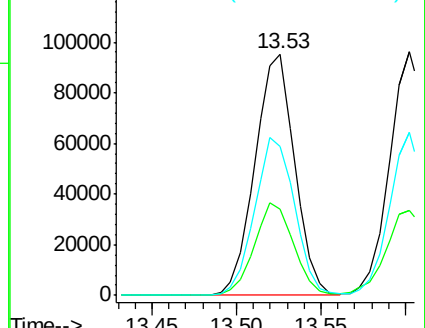
148 65.9 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 22.012 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD065995.D

Acq: 22 Jul 2020 12:16

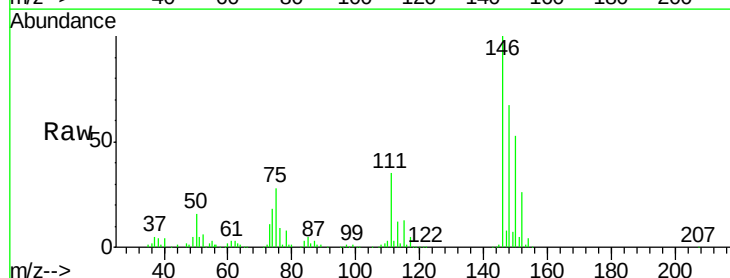
Tgt Ion:146 Resp: 156092

Ion Ratio Lower Upper

146 100

111 37.6 18.8 56.4

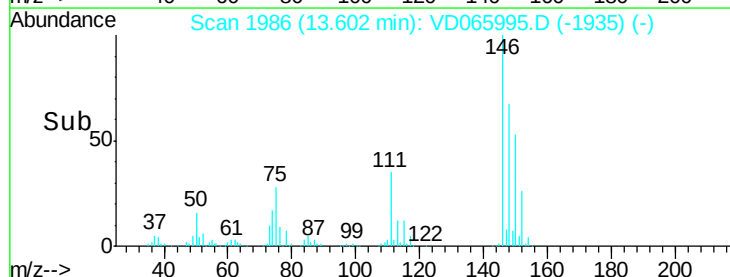
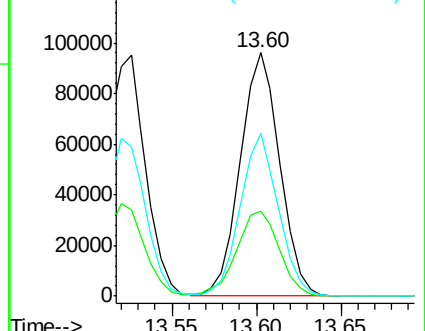
148 64.4 32.2 96.6

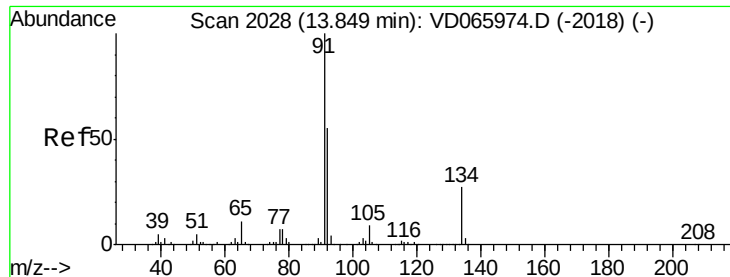


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

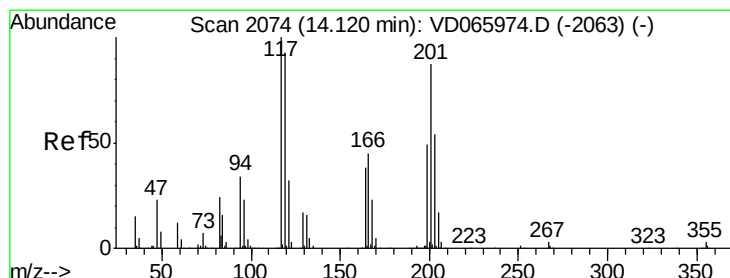
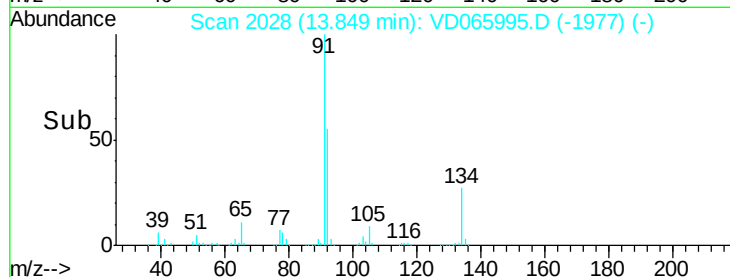
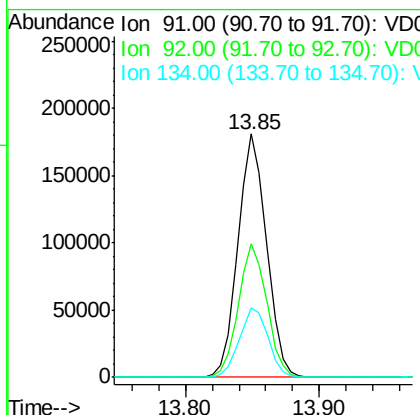
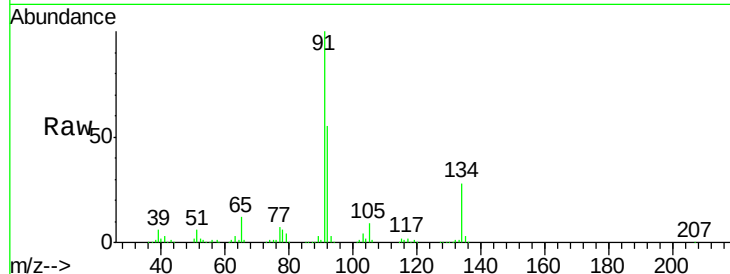




#89
n-Butylbenzene
Concen: 21.642 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

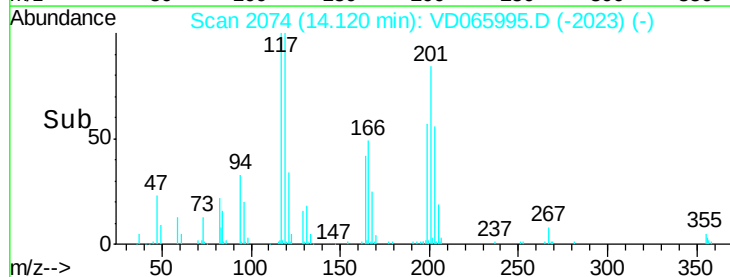
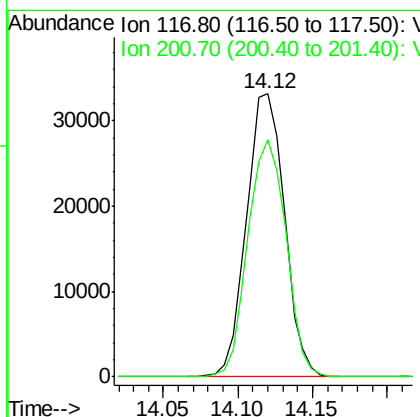
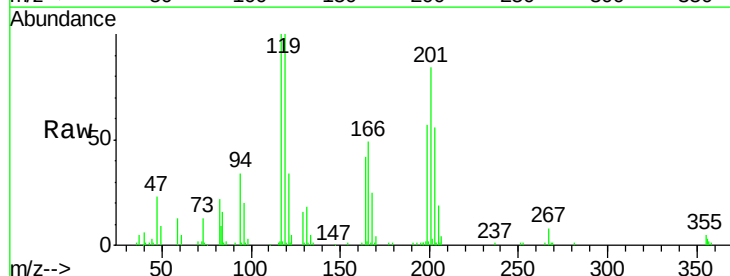
Instrument :
MSVOA_D
ClientSampleId :
VD0722SBS01

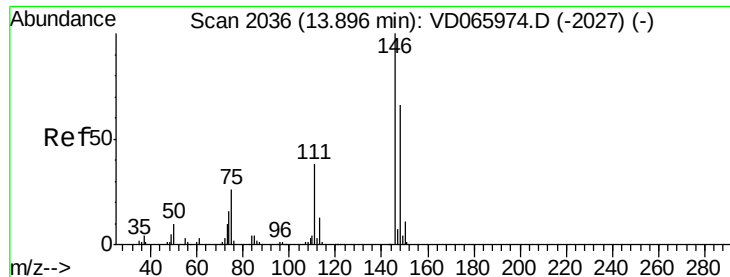
Tgt Ion: 91 Resp: 267639
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.6
134 28.7 13.8 41.4



#90
Hexachloroethane
Concen: 21.269 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Tgt Ion: 117 Resp: 58561
Ion Ratio Lower Upper
117 100
201 83.8 42.0 126.1

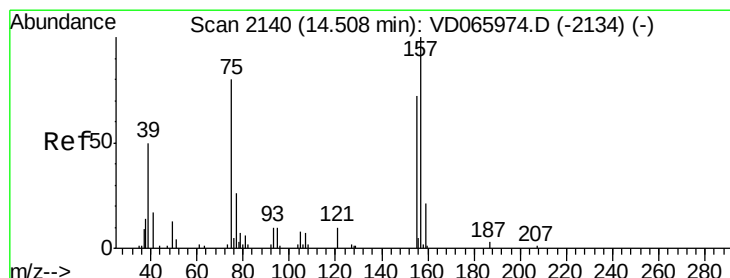
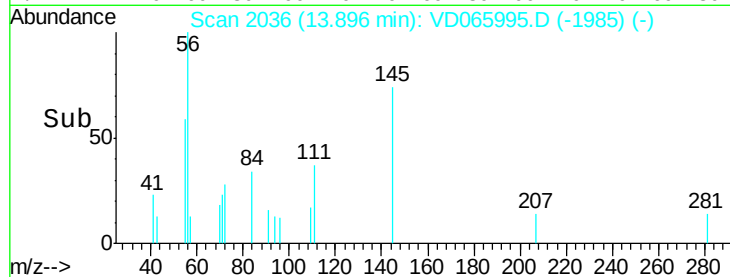
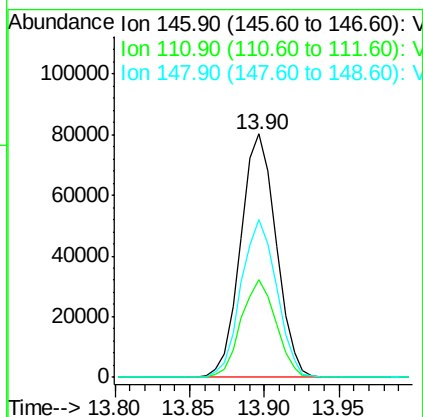
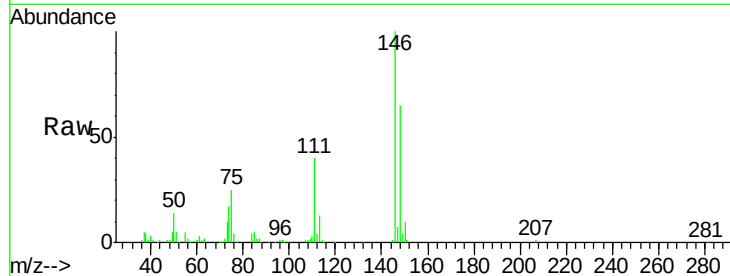




#91
 1,2-Dichlorobenzene
 Concen: 21.815 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065995.D
 Acq: 22 Jul 2020 12:16

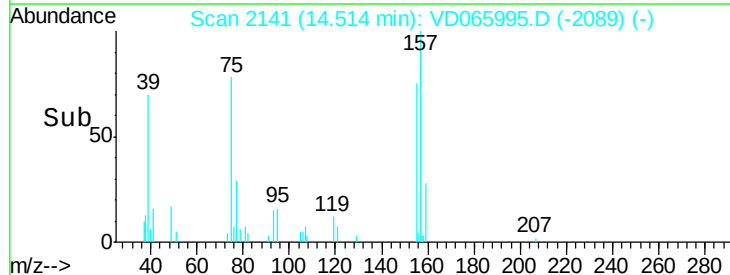
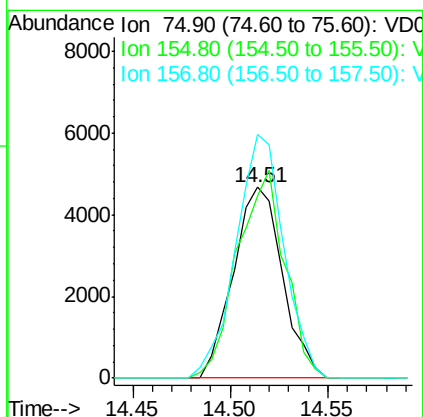
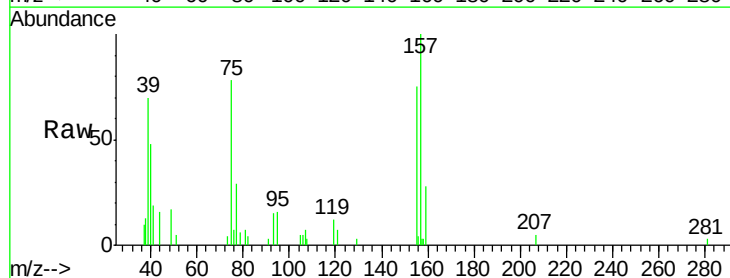
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0722SBS01

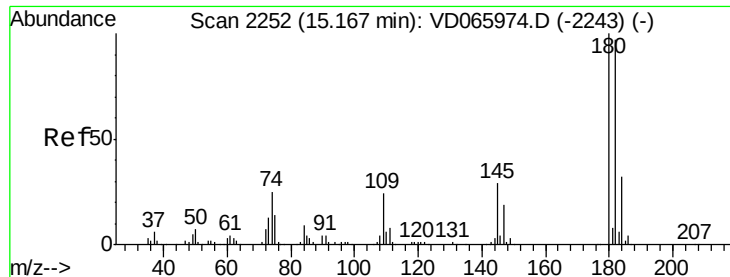
Tgt Ion:146 Resp: 132600
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.3 57.9
 148 65.0 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.321 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD065995.D
 Acq: 22 Jul 2020 12:16

Tgt Ion: 75 Resp: 8137
 Ion Ratio Lower Upper
 75 100
 155 105.5 48.5 145.5
 157 124.8 64.7 194.1

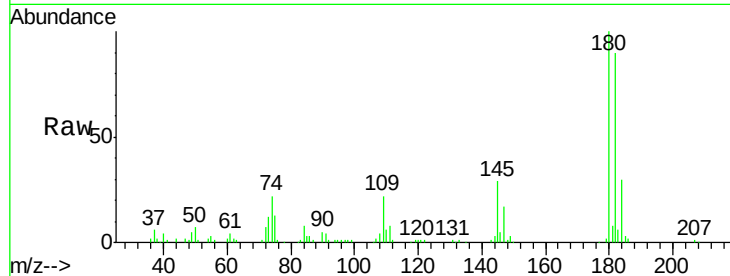




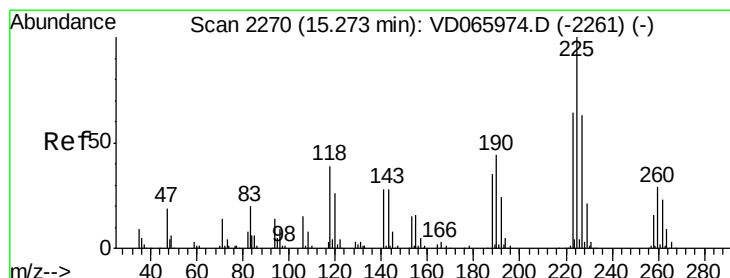
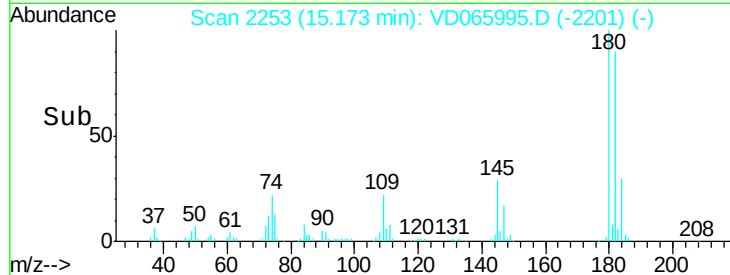
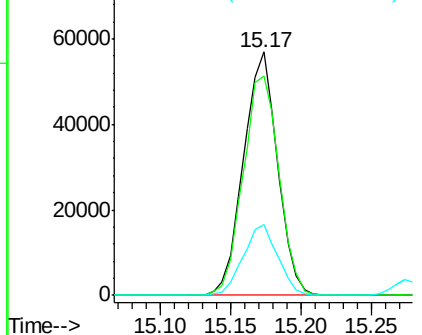
#93
1,2,4-Trichlorobenzene
Concen: 22.055 ug/l
RT: 15.17 min Scan# 2253
Delta R.T. 0.01 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Instrument :
MSVOA_D
ClientSampleId :
VD0722SBS01

Tgt Ion:180 Resp: 96226
Ion Ratio Lower Upper
180 100
182 95.0 48.1 144.3
145 29.5 14.7 44.1

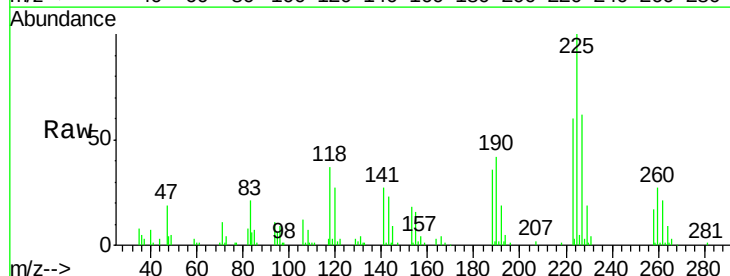


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

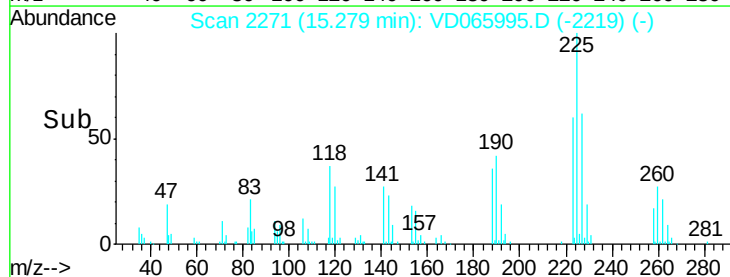
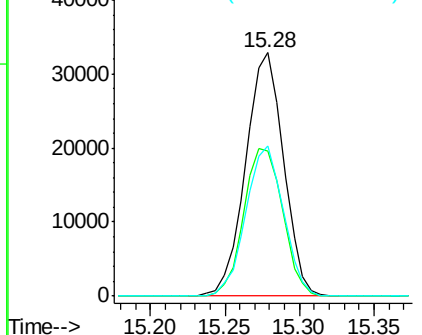


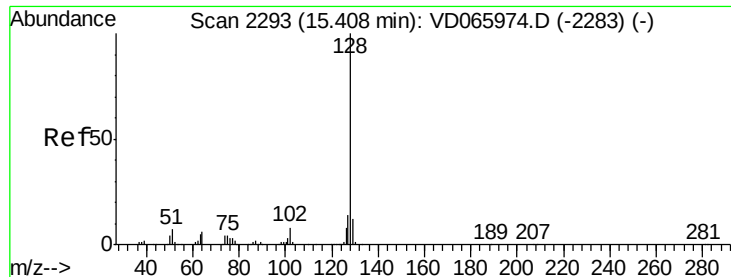
#94
Hexachlorobutadiene
Concen: 21.368 ug/l
RT: 15.28 min Scan# 2271
Delta R.T. 0.01 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Tgt Ion:225 Resp: 57638
Ion Ratio Lower Upper
225 100
223 62.1 31.2 93.6
227 61.2 31.6 94.8



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

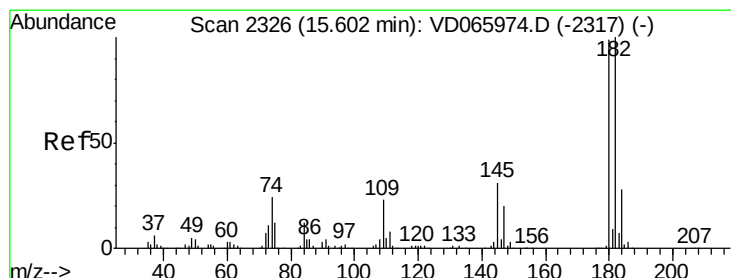
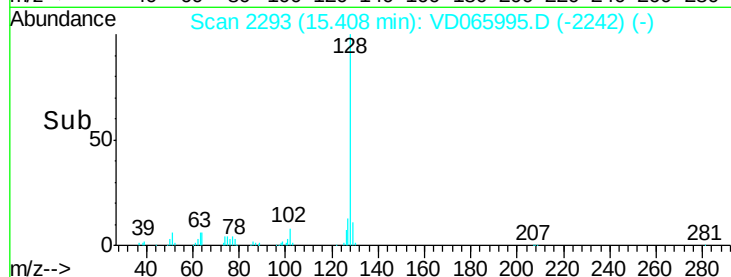
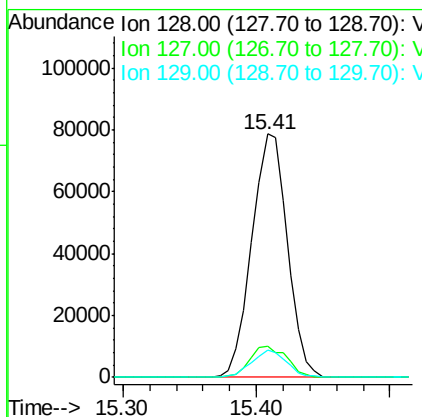
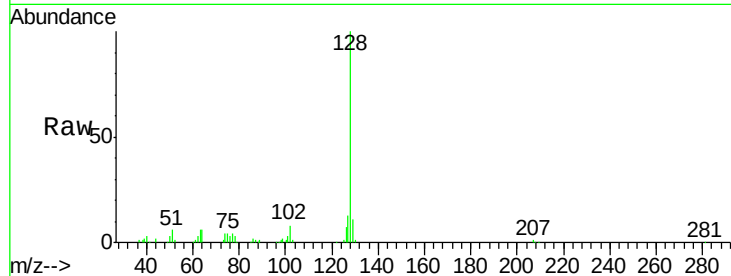




#95
Naphthalene
Concen: 20.889 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Instrument :
MSVOA_D
ClientSampleId :
VD0722SBS01

Tgt Ion:128 Resp: 144831
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.730 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD065995.D
Acq: 22 Jul 2020 12:16

Tgt Ion:180 Resp: 82423
Ion Ratio Lower Upper
180 100
182 94.5 47.9 143.6
145 29.8 15.4 46.2

