

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041720\
 Data File : VD065656.D
 Acq On : 17 Apr 2020 20:45
 Operator : VA/SY
 Sample : VD0417SBS01
 Misc : 5.65G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 20 07:03:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 19:43:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	201462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	298449	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	292874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	154947	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	102121	59.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.18%	
35) Dibromofluoromethane	7.92	113	100947	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	
50) Toluene-d8	10.34	98	371422	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
62) 4-Bromofluorobenzene	12.64	95	124446	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	27640	16.476	ug/l	97
3) Chloromethane	2.21	50	33981	18.561	ug/l	97
4) Vinyl Chloride	2.35	62	38131	19.171	ug/l	100
5) Bromomethane	2.75	94	24084	22.294	ug/l	95
6) Chloroethane	2.91	64	23171	19.595	ug/l	96
7) Trichlorofluoromethane	3.27	101	54015	19.049	ug/l	98
8) Diethyl Ether	3.70	74	12548	21.544	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	25592	19.798	ug/l	99
10) Methyl Iodide	4.29	142	20223	15.374	ug/l	99
11) Tert butyl alcohol	5.24	59	9403	110.657	ug/l #	92
12) 1,1-Dichloroethene	4.06	96	22205	19.110	ug/l	96
13) Acrolein	3.92	56	7633	100.636	ug/l	92
14) Allyl chloride	4.71	41	51303	26.241	ug/l	90
15) Acrylonitrile	5.43	53	41598	118.599	ug/l	98
16) Acetone	4.17	43	25345	103.407	ug/l	92
17) Carbon Disulfide	4.40	76	97884	22.839	ug/l	99
18) Methyl Acetate	4.72	43	21530	27.445	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	70406	21.397	ug/l	96
20) Methylene Chloride	4.96	84	48157	31.080	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	38693	20.608	ug/l	99
22) Diisopropyl ether	6.37	45	113199	21.108	ug/l	97
23) Vinyl Acetate	6.31	43	298365	102.032	ug/l	100
24) 1,1-Dichloroethane	6.26	63	67777	20.004	ug/l	100
25) 2-Butanone	7.22	43	48883	106.890	ug/l	95
26) 2,2-Dichloropropane	7.21	77	53494	18.114	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	40583	19.483	ug/l	99
28) Bromochloromethane	7.55	49	32871	24.291	ug/l	100
29) Tetrahydrofuran	7.57	42	30860	106.351	ug/l	97
30) Chloroform	7.71	83	70668	20.379	ug/l	98
31) Cyclohexane	7.98	56	57328	17.762	ug/l #	94
32) 1,1,1-Trichloroethane	7.91	97	60888	19.529	ug/l	99
36) 1,1-Dichloropropene	8.11	75	51740	17.954	ug/l	99
37) Ethyl Acetate	7.30	43	22298	19.402	ug/l	97
38) Carbon Tetrachloride	8.10	117	57421	18.602	ug/l	99

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 QLast Update : Wed Apr 15 19:43:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	55320	16.496	ug/l	96
40) Benzene	8.36	78	155839	18.809	ug/l	100
41) Methacrylonitrile	7.56	41	31740	55.763	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	47170	20.773	ug/l	99
43) Isopropyl Acetate	8.46	43	41383	19.997	ug/l	99
44) Trichloroethene	9.11	130	41815	18.029	ug/l	97
45) 1,2-Dichloropropane	9.39	63	39531	19.440	ug/l	98
46) Dibromomethane	9.48	93	21074	20.041	ug/l	98
47) Bromodichloromethane	9.67	83	56421	20.149	ug/l	99
48) Methyl methacrylate	9.46	41	19083	18.364	ug/l #	90
49) 1,4-Dioxane	9.47	88	4949	405.013	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	107538	99.144	ug/l	98
52) Toluene	10.41	92	100462	19.668	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	49158	19.119	ug/l	98
54) cis-1,3-Dichloropropene	10.10	75	59499	19.121	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	31523	21.194	ug/l	98
56) Ethyl methacrylate	10.67	69	30738	18.840	ug/l	97
57) 1,3-Dichloropropane	10.95	76	51342	20.272	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	90353	108.427	ug/l	99
59) 2-Hexanone	10.99	43	72233	97.344	ug/l	99
60) Dibromochloromethane	11.14	129	40140	20.491	ug/l	98
61) 1,2-Dibromoethane	11.25	107	29174	20.385	ug/l	98
64) Tetrachloroethene	10.88	164	37804	17.990	ug/l	94
65) Chlorobenzene	11.67	112	110627	19.078	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	43032	19.410	ug/l	99
67) Ethyl Benzene	11.75	91	178062	17.968	ug/l	100
68) m/p-Xylenes	11.86	106	139065	36.323	ug/l	99
69) o-Xylene	12.18	106	60852	18.115	ug/l	100
70) Styrene	12.20	104	111946	18.827	ug/l	100
71) Bromoform	12.37	173	23761	19.077	ug/l #	98
73) Isopropylbenzene	12.48	105	158226	16.931	ug/l	100
74) N-amyl acetate	12.30	43	36492	18.538	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	34685	20.441	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	43222	34.694	ug/l #	100
77) Bromobenzene	12.77	156	46833	18.871	ug/l	98
78) n-propylbenzene	12.83	91	201562	17.829	ug/l	100
79) 2-Chlorotoluene	12.91	91	116386	18.128	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	141281	17.914	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	10338	18.186	ug/l	96
82) 4-Chlorotoluene	13.01	91	125572	18.176	ug/l	98
83) tert-Butylbenzene	13.23	119	113295	17.133	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	143406	18.239	ug/l	100
85) sec-Butylbenzene	13.41	105	160310	16.946	ug/l	99
86) p-Isopropyltoluene	13.53	119	144524	16.278	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	85182	17.531	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	87849	18.164	ug/l	96
89) n-Butylbenzene	13.85	91	130735	16.224	ug/l	98
90) Hexachloroethane	14.12	117	33227	17.845	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	78946	18.949	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5072	19.765	ug/l	90

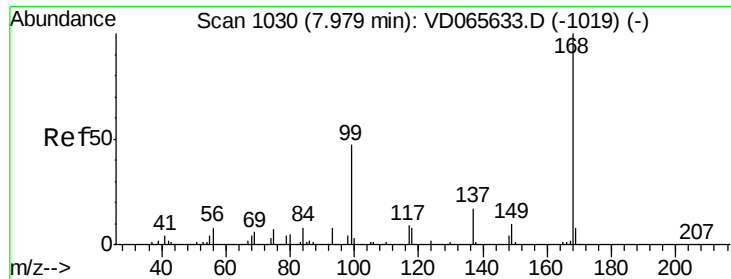
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041720\
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Quant Title : SW846 8260
QLast Update : Wed Apr 15 19:43:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	48218	16.826	ug/l	98
94) Hexachlorobutadiene	15.28	225	32985	16.788	ug/l	100
95) Naphthalene	15.41	128	71593	17.487	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	44393	17.559	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: VD065656.D

Acq: 17 Apr 2020 20:45

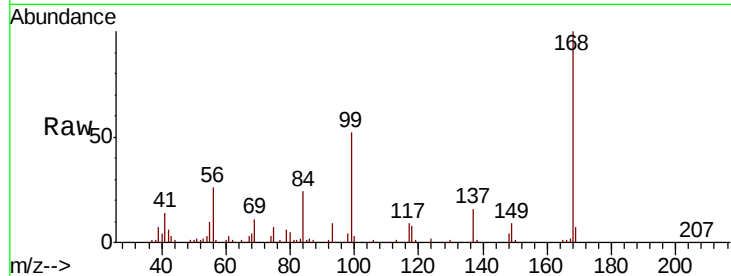
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 201462

Ion Ratio Lower Upper

168 100

99 51.5 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

60000

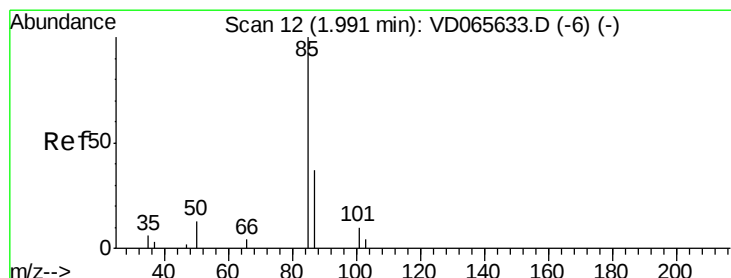
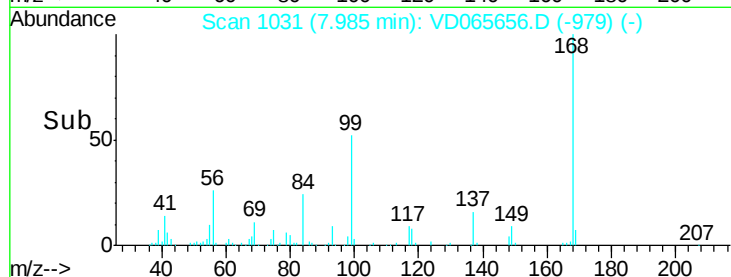
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 16.476 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065656.D

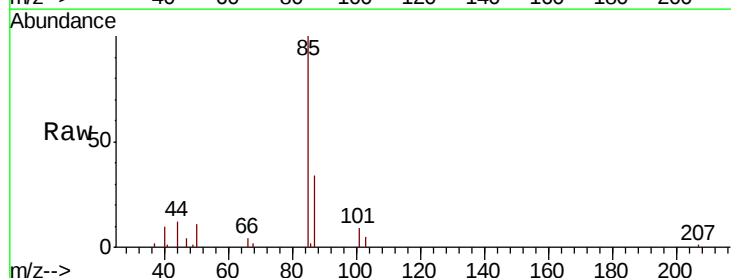
Acq: 17 Apr 2020 20:45

Tgt Ion: 85 Resp: 27640

Ion Ratio Lower Upper

85 100

87 33.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

20000

15000

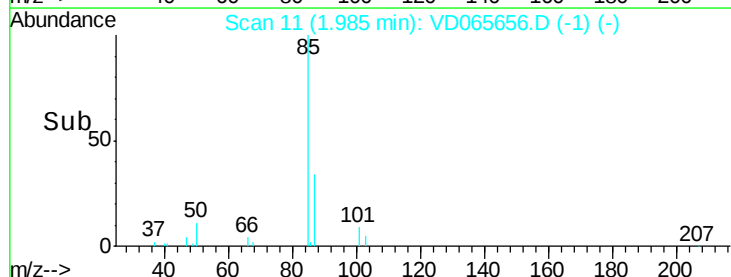
10000

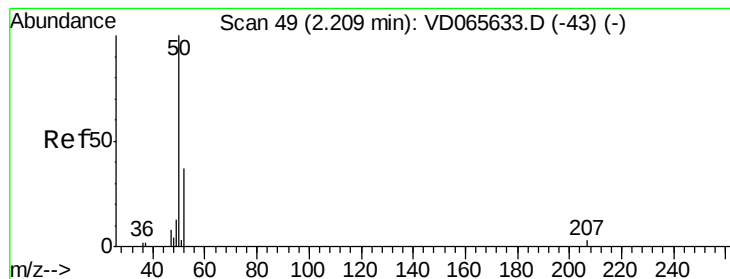
5000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 18.561 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA_D

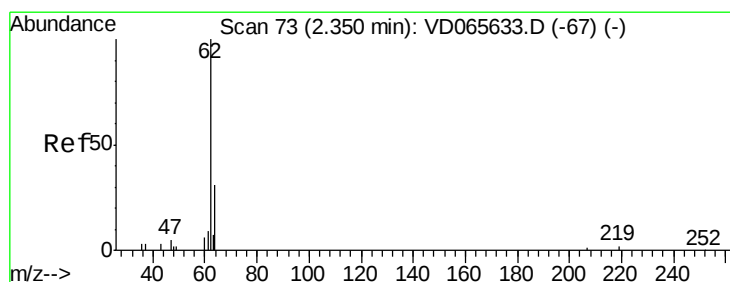
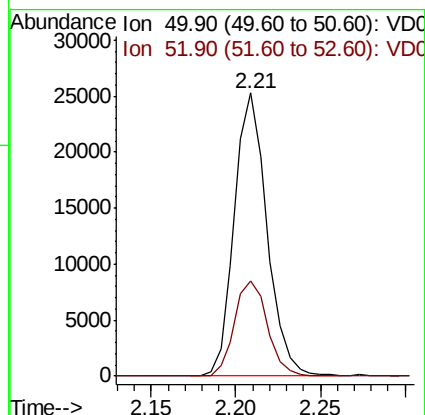
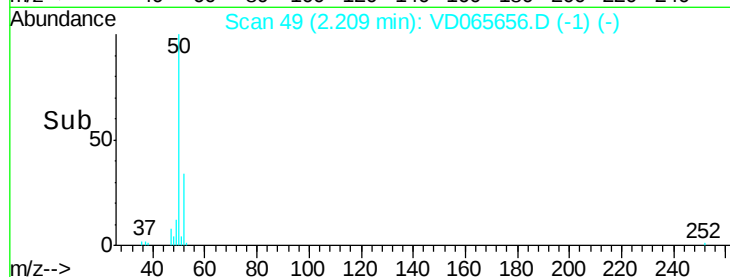
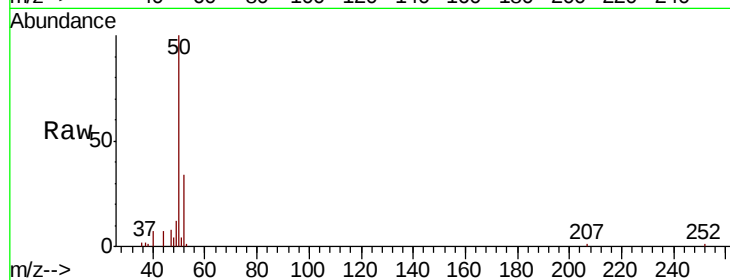
ClientSampled :

Tot Ion: 50 Resp: 33981

Ion Ratio Lower Upper

50 100

52 33.6 25.7 38.5



#4

Vinyl Chloride

Concen: 19.171 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065656.D

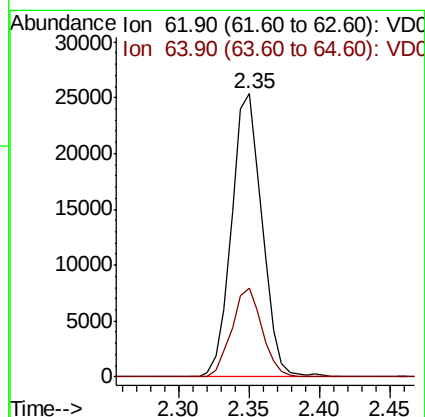
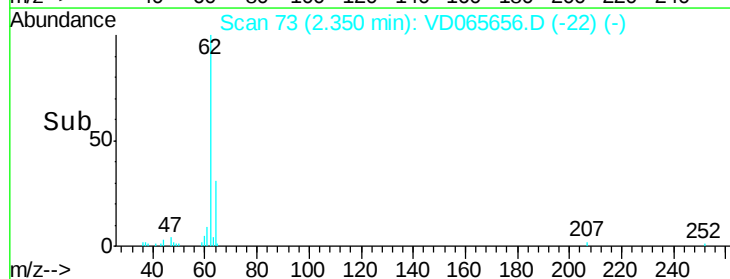
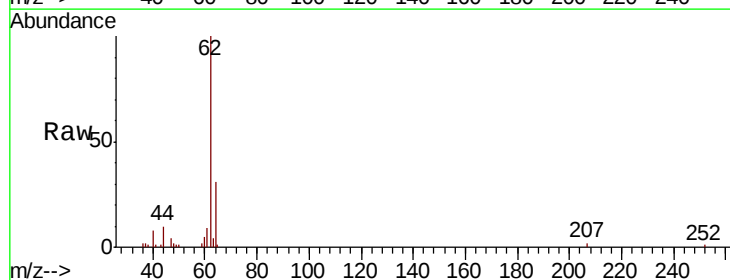
Acq: 17 Apr 2020 20:45

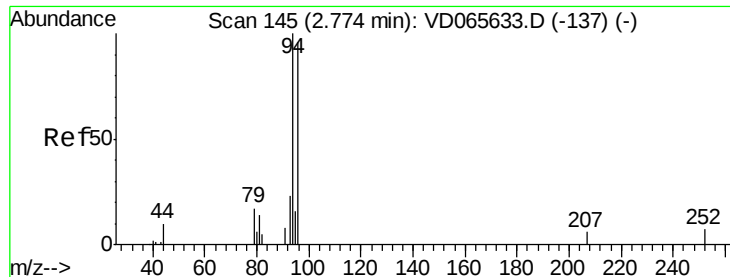
Tgt Ion: 62 Resp: 38131

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7





#5

Bromomethane

Concen: 22.294 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.02 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA_D

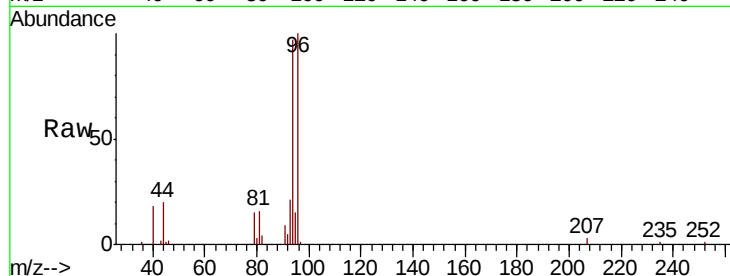
ClientSampleId :

Tot Ion: 94 Resp: 24084

Ion Ratio Lower Upper

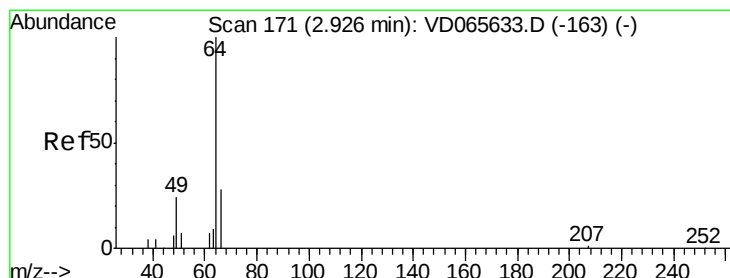
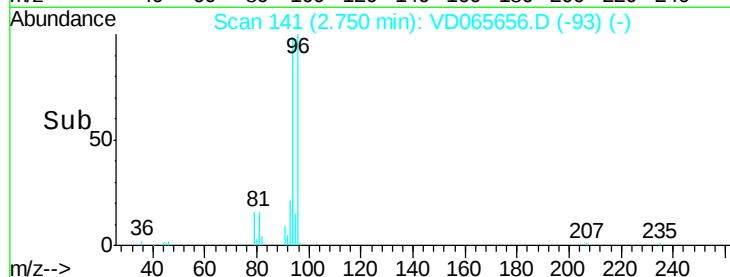
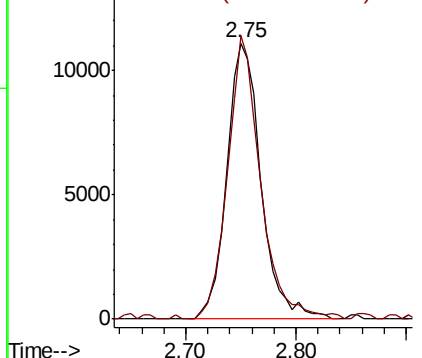
94 100

96 102.6 77.9 116.9



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.595 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD065656.D

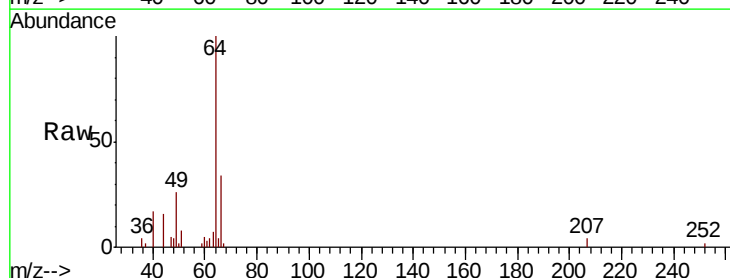
Acq: 17 Apr 2020 20:45

Tgt Ion: 64 Resp: 23171

Ion Ratio Lower Upper

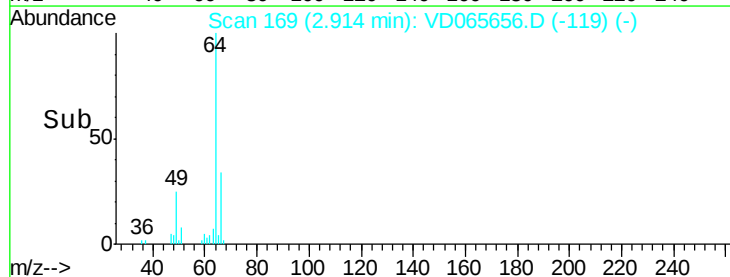
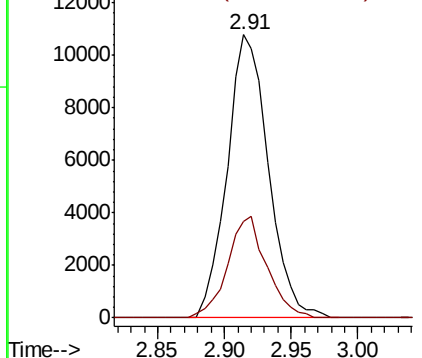
64 100

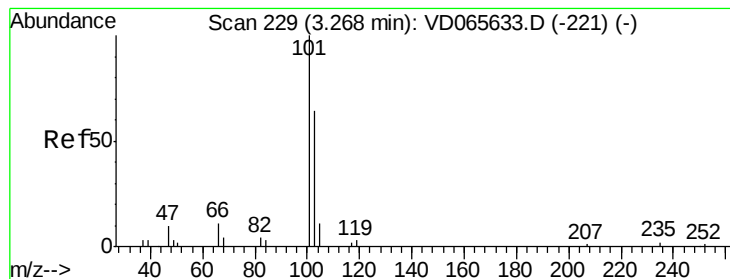
66 34.2 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



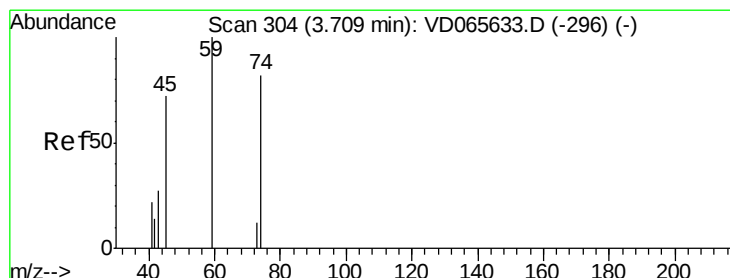
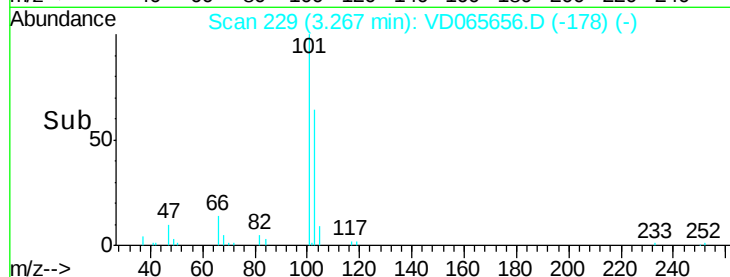
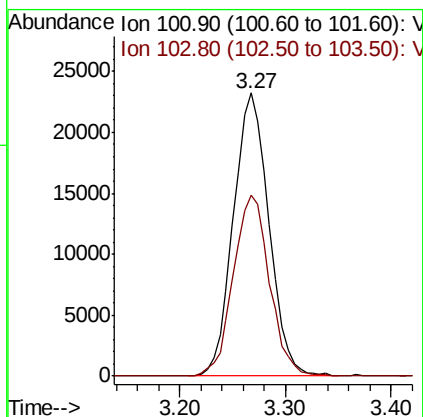
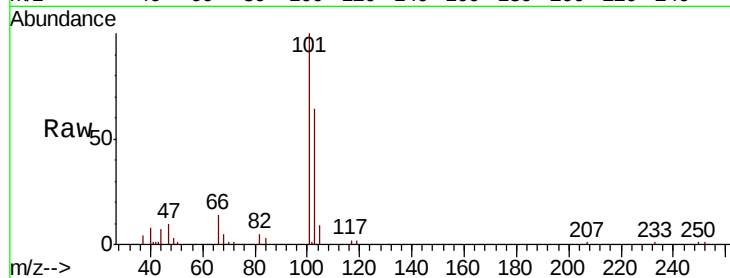


#7

Trichlorofluoromethane
Concen: 19.049 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

Instrument :
MSVOA_D
ClientSampleId :

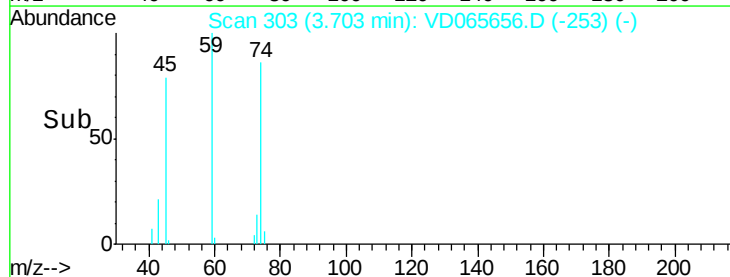
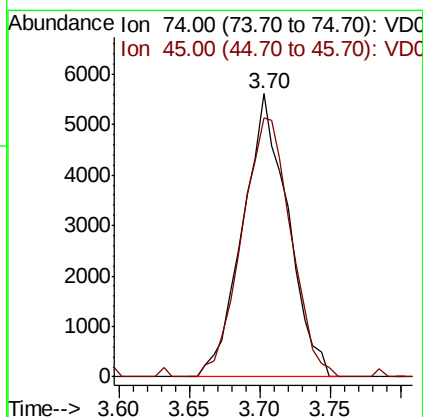
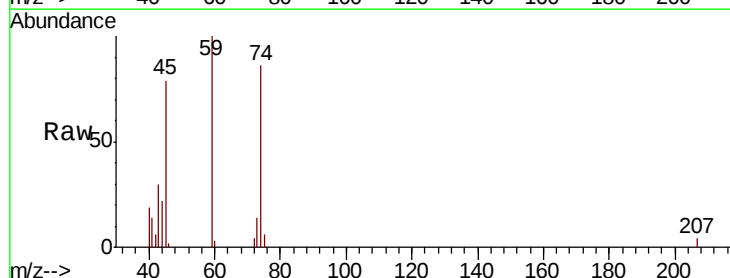
Tot Ion:101 Resp: 54015
Ion Ratio Lower Upper
101 100
103 63.8 52.2 78.4

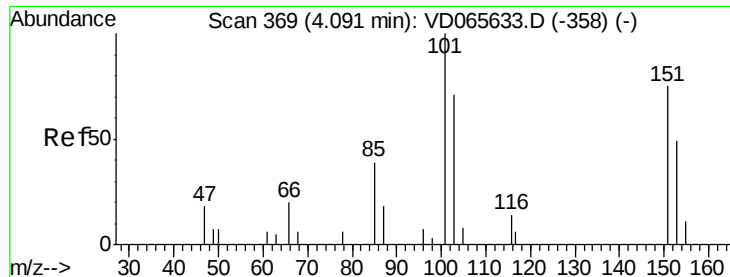


#8

Diethyl Ether
Concen: 21.544 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

Tgt Ion: 74 Resp: 12548
Ion Ratio Lower Upper
74 100
45 99.8 49.9 149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.798 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

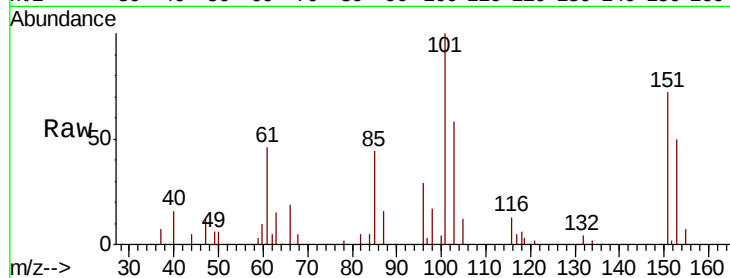
Tot Ion:101 Resp: 25592

Ion Ratio Lower Upper

101 100

85 46.1 36.2 54.2

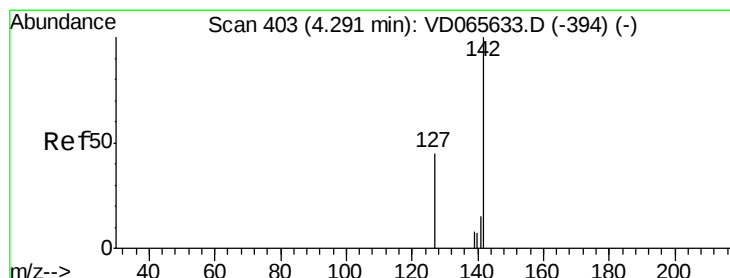
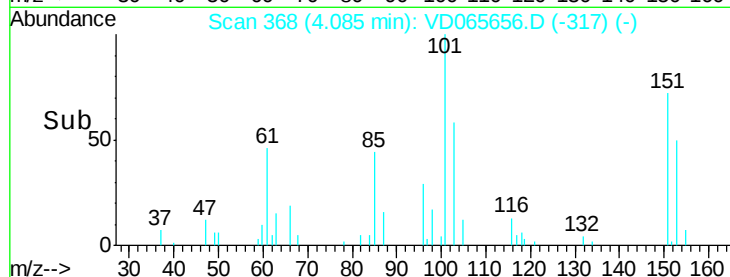
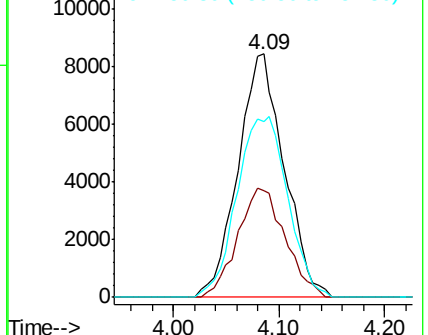
151 81.4 65.6 98.4



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: 15.374 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

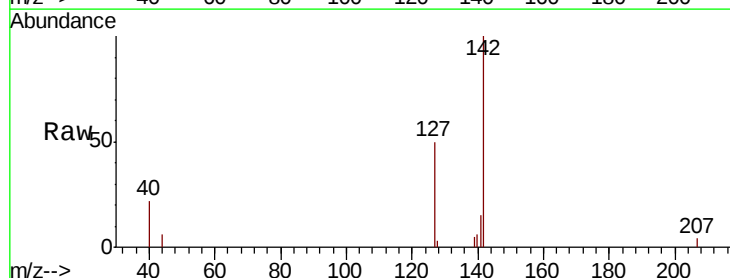
Tgt Ion:142 Resp: 20223

Ion Ratio Lower Upper

142 100

127 47.8 38.1 57.1

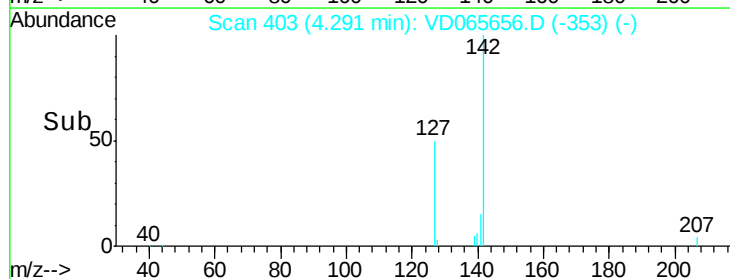
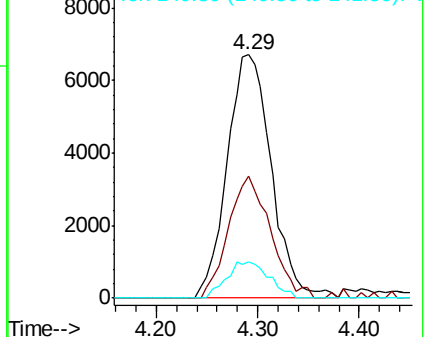
141 14.4 12.1 18.1

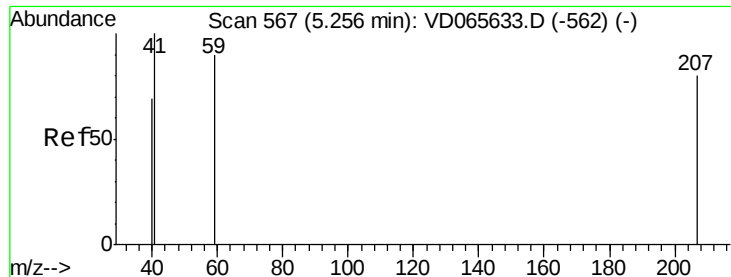


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

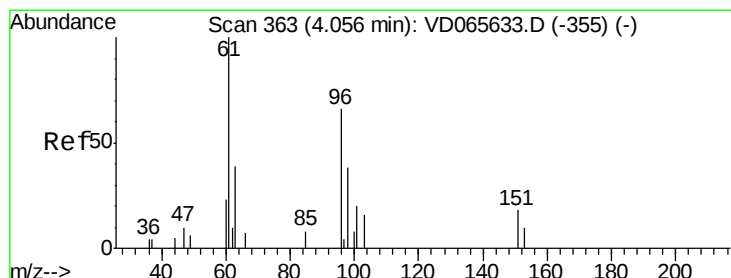
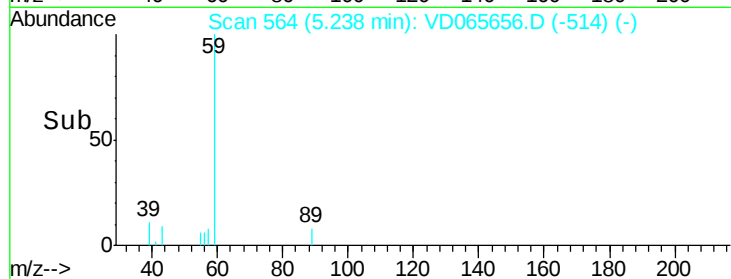
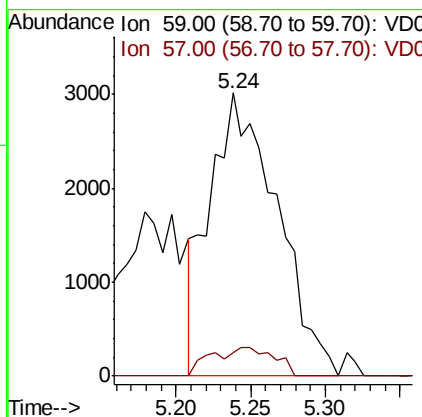
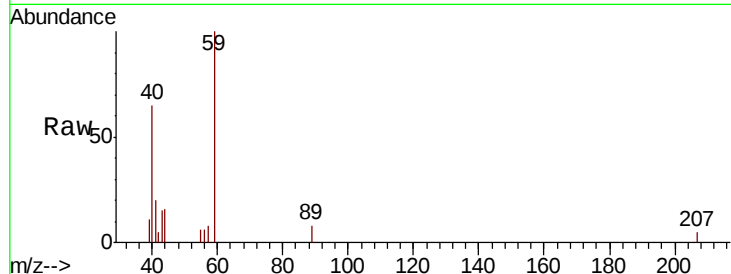




#11
Tert butyl alcohol
Concen: 110.657 ug/l
RT: 5.24 min Scan# 564
Delta R.T. -0.01 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

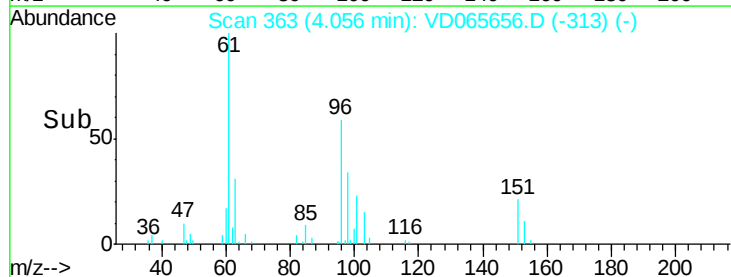
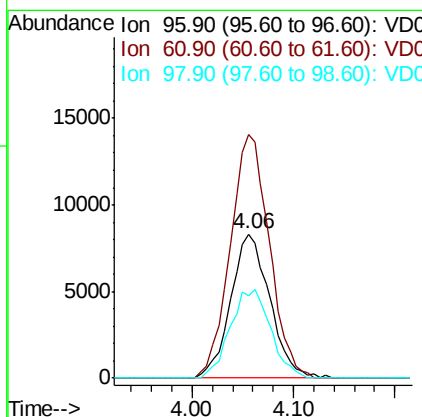
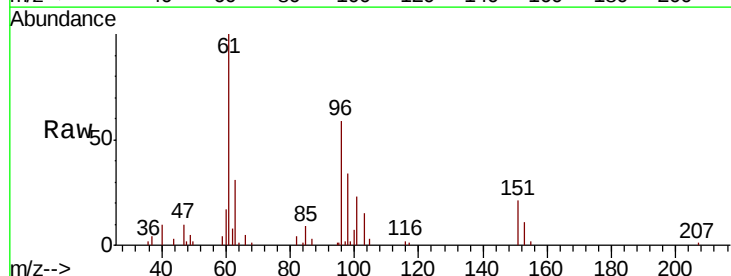
Instrument :
MSVOA_D
ClientSampleId :

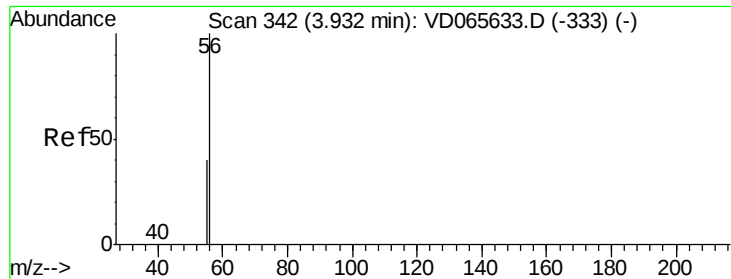
Tot Ion: 59 Resp: 9403
Ion Ratio Lower Upper
59 100
57 6.4 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 19.110 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.01 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

Tgt Ion: 96 Resp: 22205
Ion Ratio Lower Upper
96 100
61 168.6 136.2 204.2
98 57.4 52.2 78.2

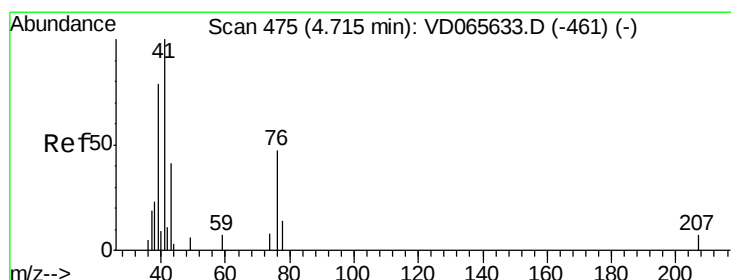
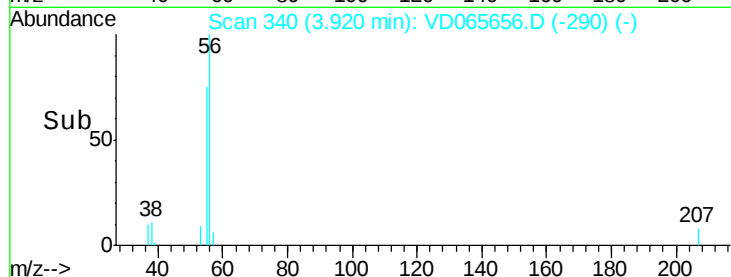
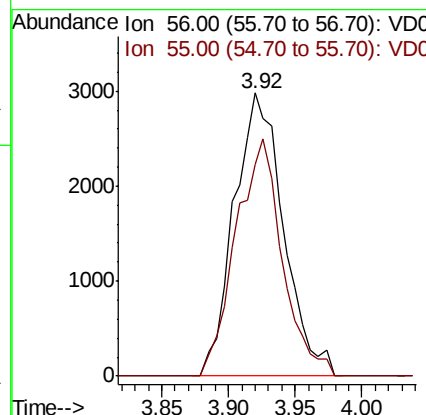
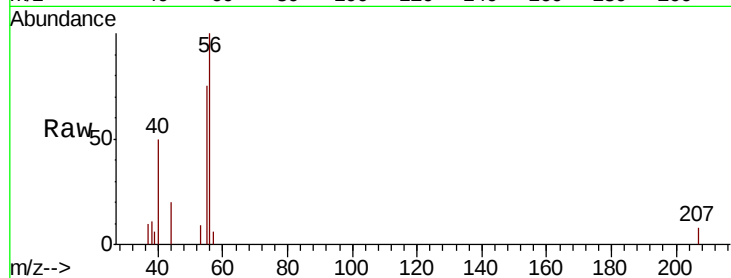




#13
Acrolein
Concen: 100.636 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

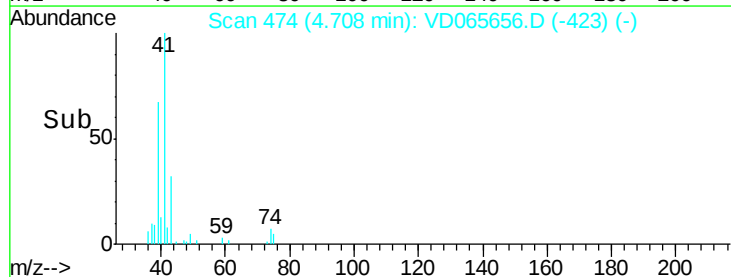
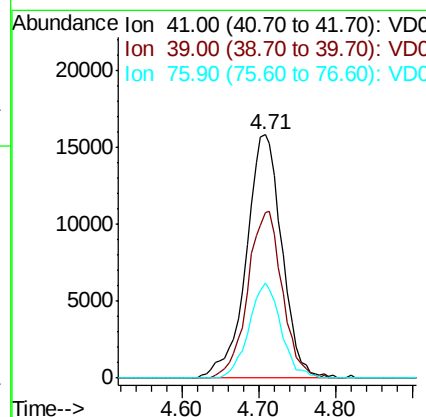
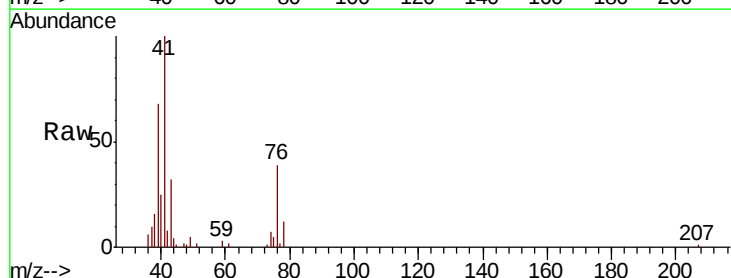
Instrument :
MSVOA_D
ClientSampleId :

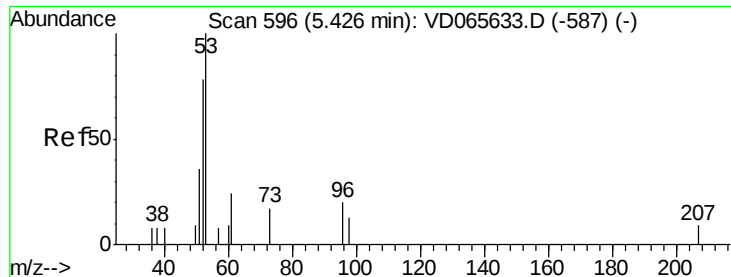
Tot Ion: 56 Resp: 7633
Ion Ratio Lower Upper
56 100
55 79.1 58.2 87.2



#14
Allyl chloride
Concen: 26.241 ug/l
RT: 4.71 min Scan# 474
Delta R.T. 0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

Tgt Ion: 41 Resp: 51303
Ion Ratio Lower Upper
41 100
39 66.2 62.5 93.7
76 35.1 29.1 43.7





#15

Acrylonitrile

Concen: 118.599 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

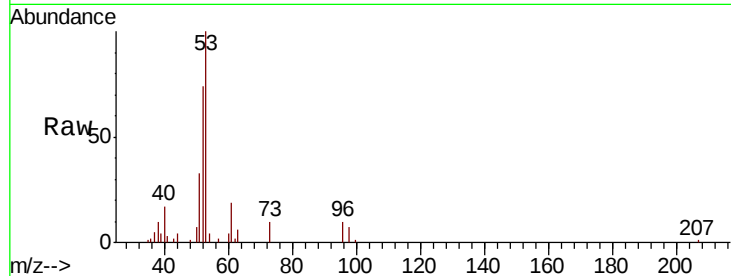
Tot Ion: 53 Resp: 41598

Ion Ratio Lower Upper

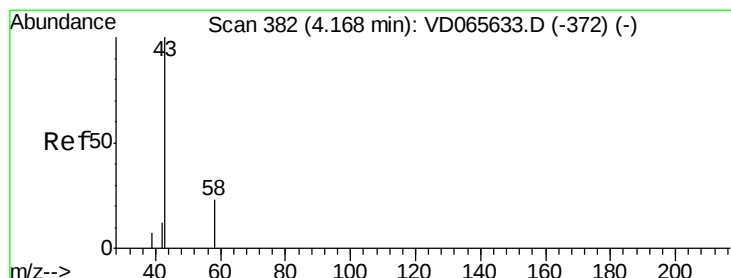
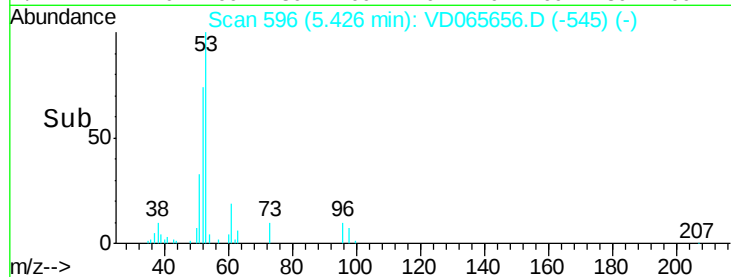
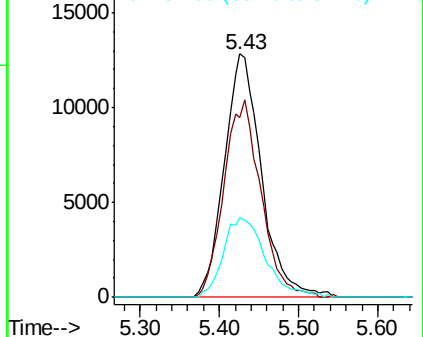
53 100

52 80.7 65.8 98.6

51 37.3 30.9 46.3



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



#16

Acetone

Concen: 103.407 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD065656.D

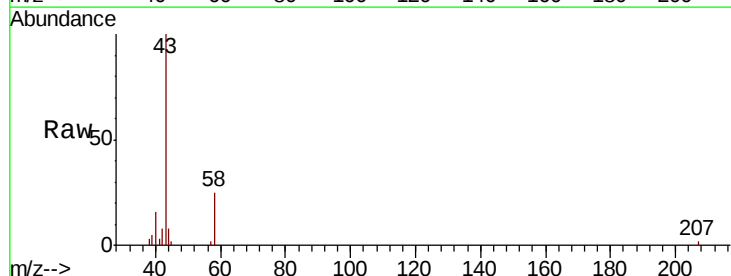
Acq: 17 Apr 2020 20:45

Tgt Ion: 43 Resp: 25345

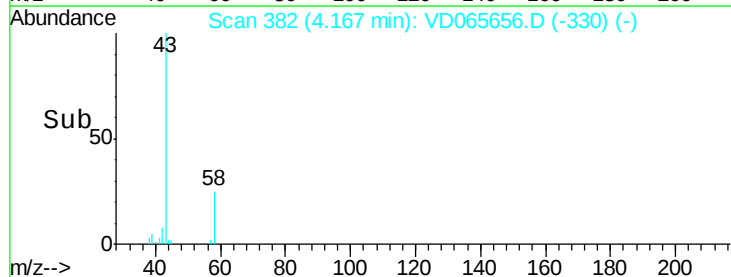
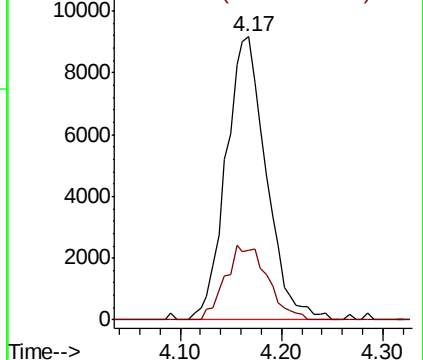
Ion Ratio Lower Upper

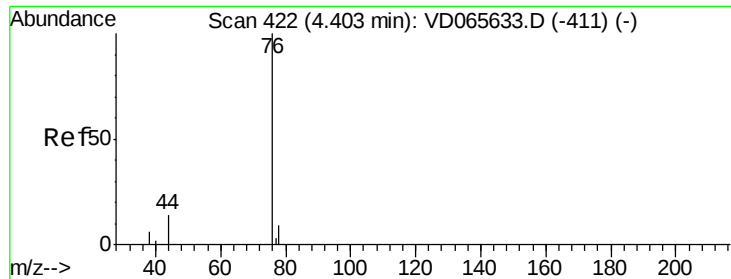
43 100

58 24.5 22.9 34.3



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

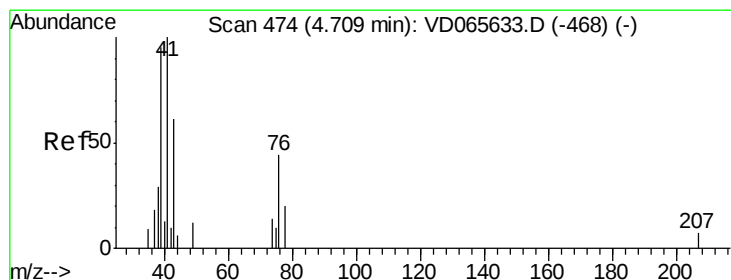
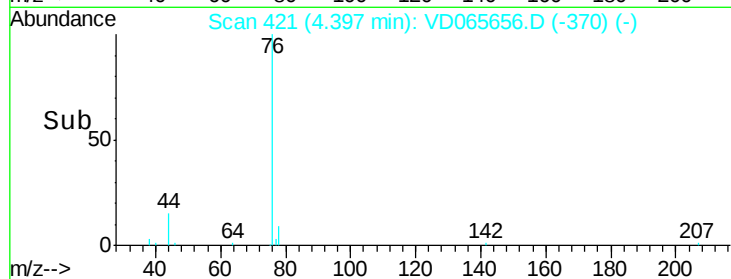
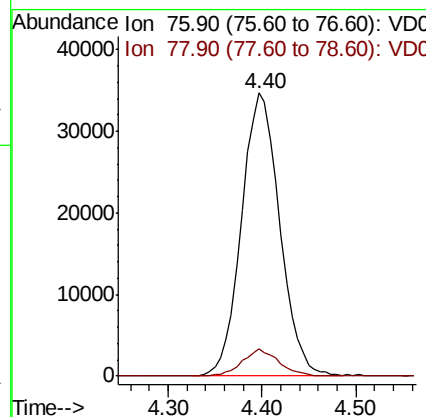
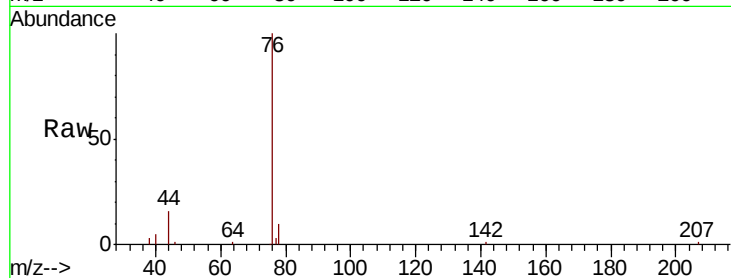




#17
Carbon Disulfide
Concen: 22.839 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

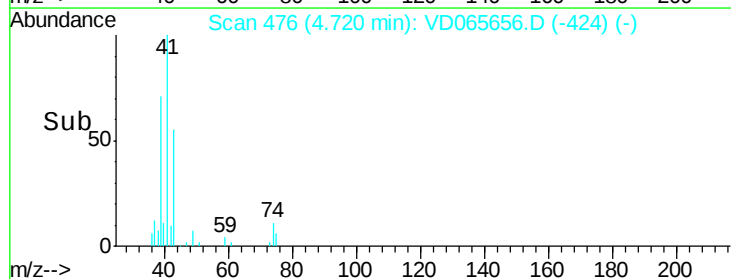
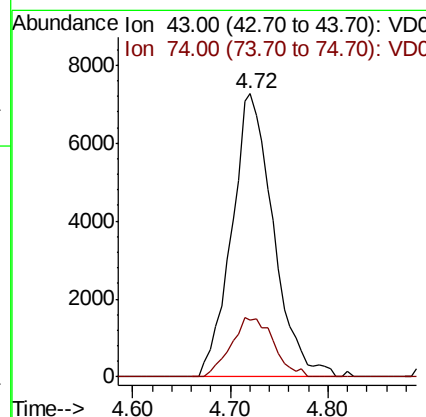
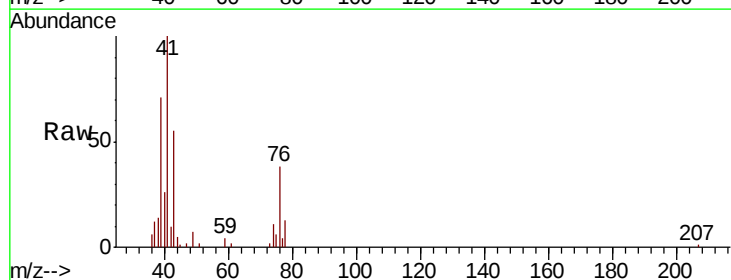
Instrument :
MSVOA_D
ClientSampleId :

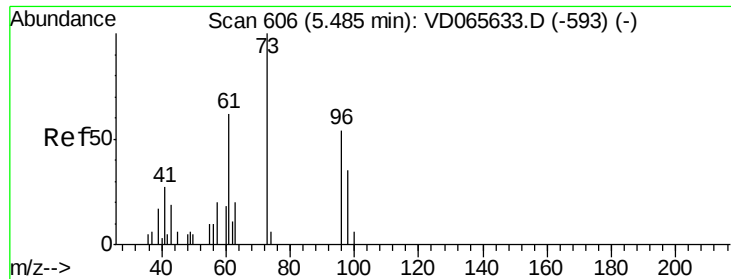
Tot Ion: 76 Resp: 97884
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 27.445 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

Tgt Ion: 43 Resp: 21530
Ion Ratio Lower Upper
43 100
74 21.5 18.6 28.0

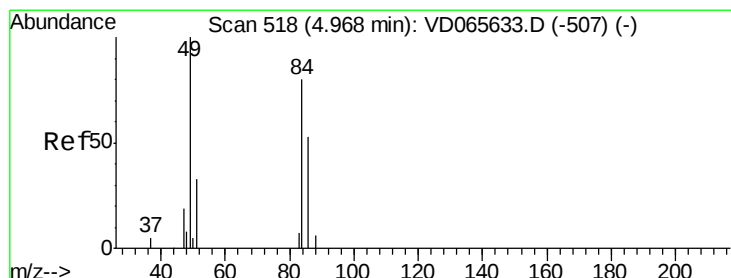
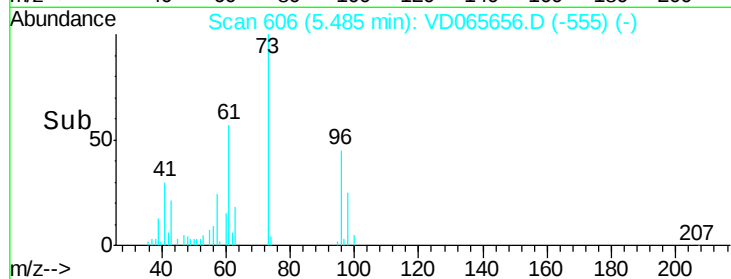
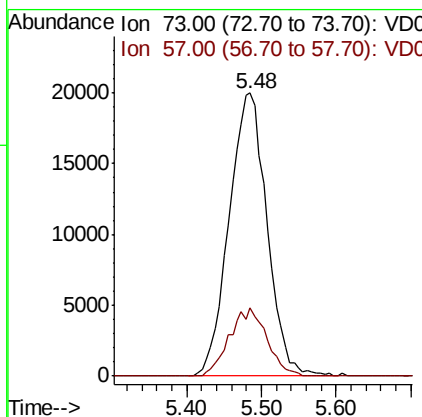
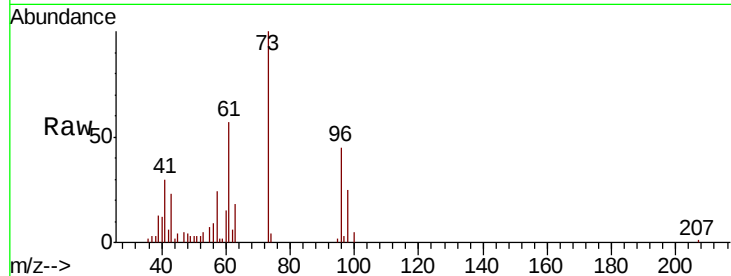




#19
Methyl tert-butyl Ether
Concen: 21.397 ug/l
RT: 5.48 min Scan# 606
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

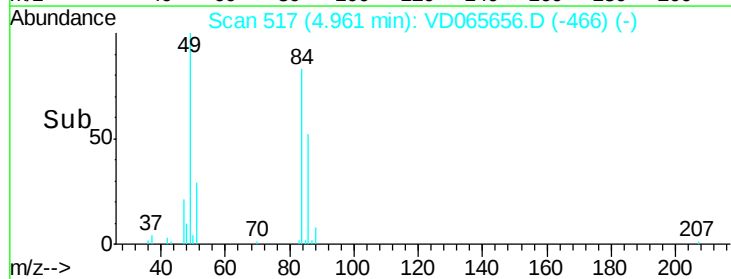
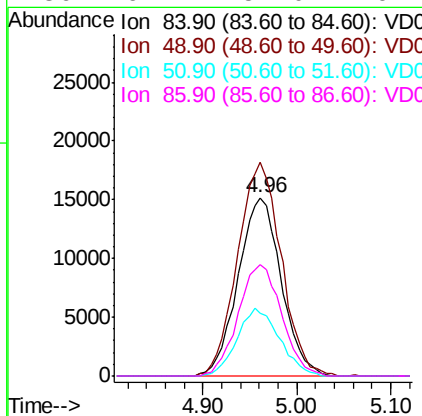
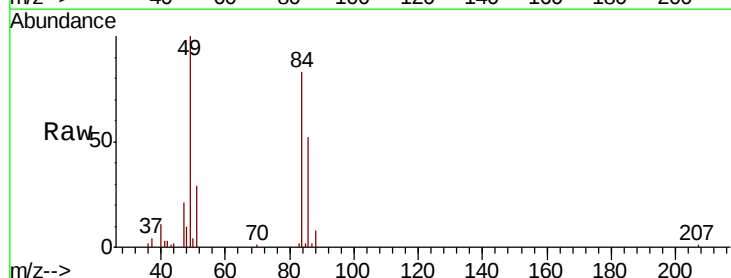
Instrument :
MSVOA_D
ClientSampleId :

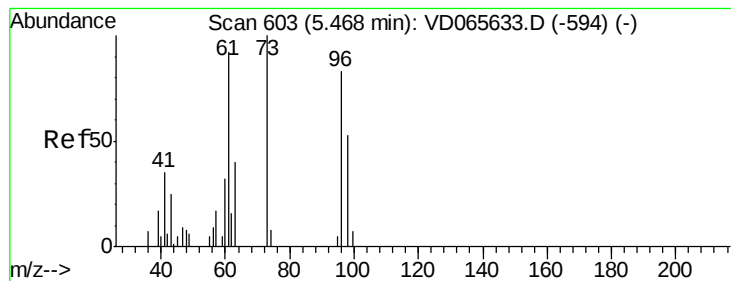
Tot Ion: 73 Resp: 70406
Ion Ratio Lower Upper
73 100
57 24.1 17.8 26.8



#20
Methylene Chloride
Concen: 31.080 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

Tgt Ion: 84 Resp: 48157
Ion Ratio Lower Upper
84 100
49 119.8 102.0 153.0
51 35.2 30.8 46.2
86 62.4 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 20.608 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

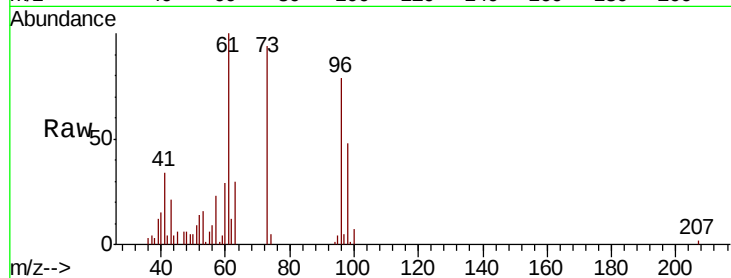
Tot Ion: 96 Resp: 38693

Ion Ratio Lower Upper

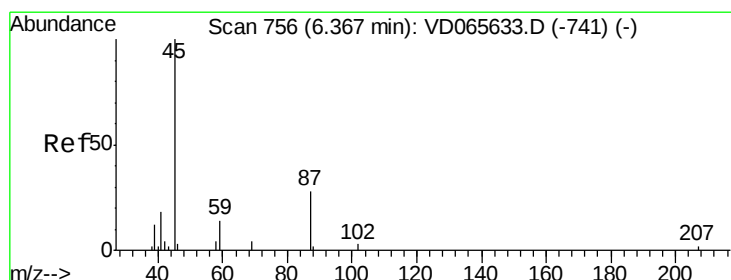
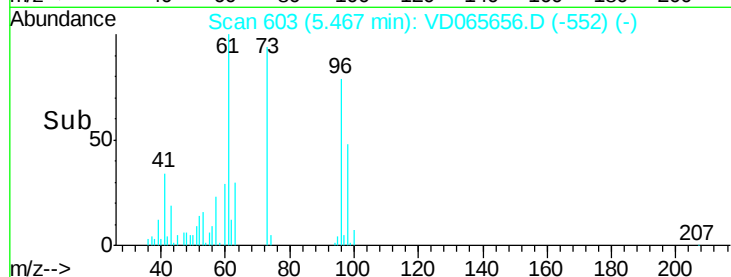
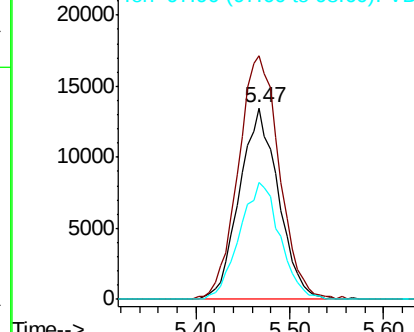
96 100

61 127.4 102.6 153.8

98 61.1 49.4 74.0



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



#22

Diisopropyl ether

Concen: 21.108 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Tgt Ion: 45 Resp: 113199

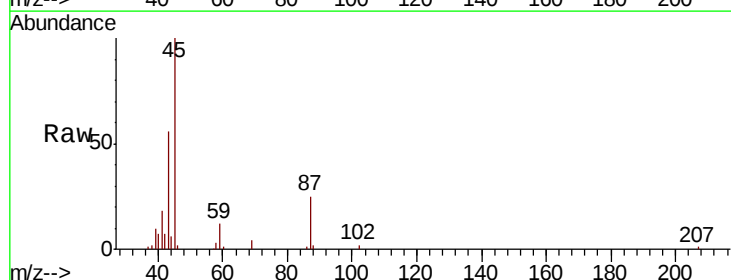
Ion Ratio Lower Upper

45 100

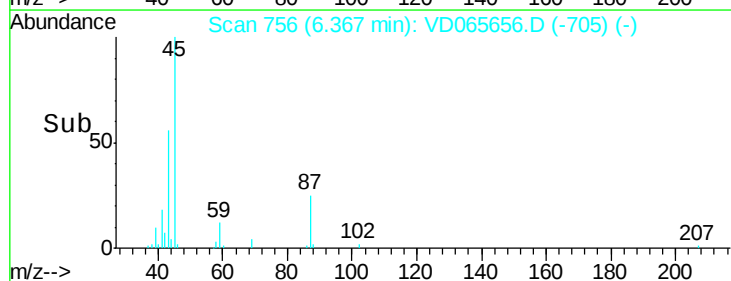
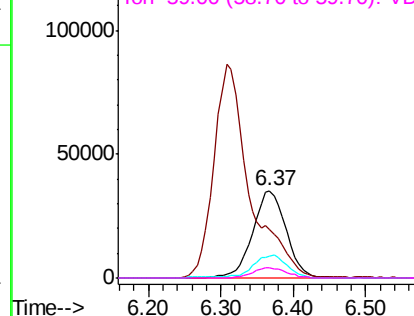
43 54.5 42.2 63.2

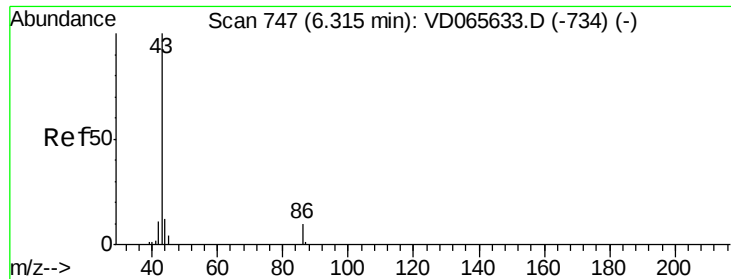
87 24.8 22.1 33.1

59 12.3 9.8 14.6



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





#23

Vinyl Acetate

Concen: 102.032 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

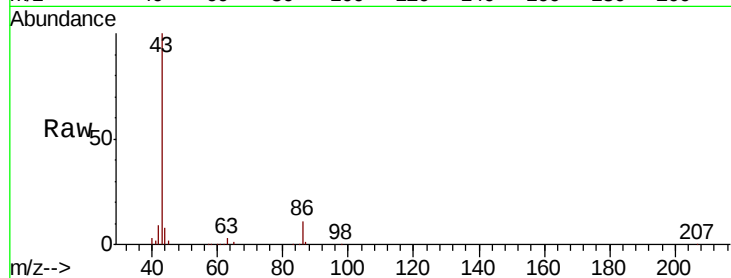
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 298365

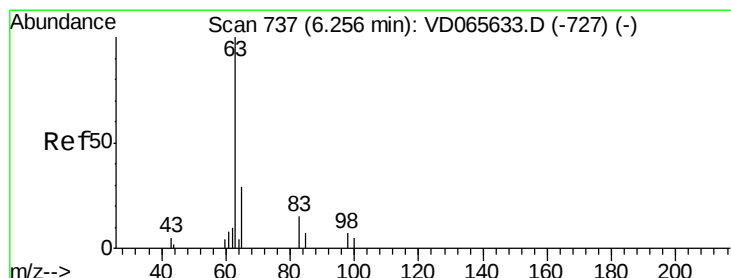
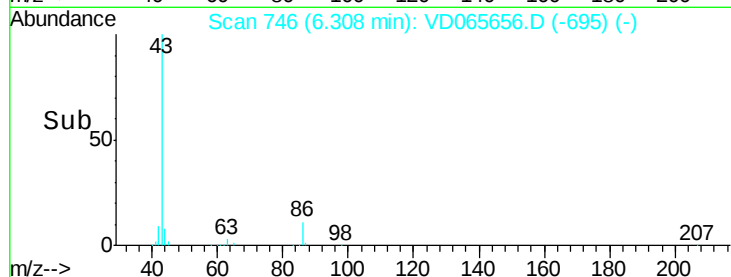
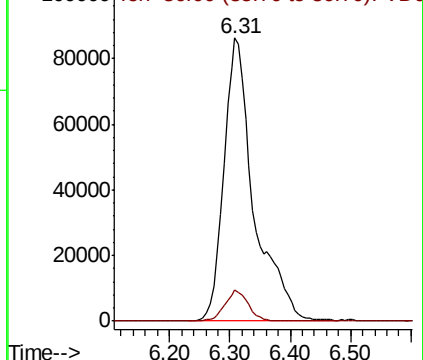
Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1



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



#24

1,1-Dichloroethane

Concen: 20.004 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

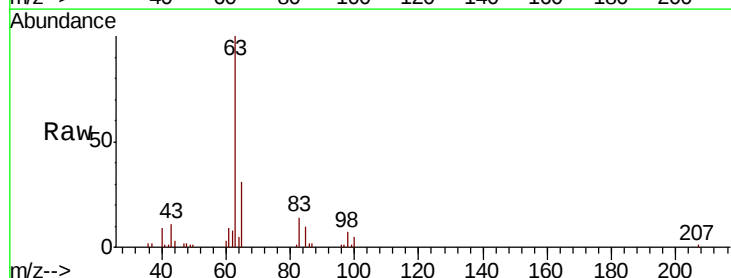
Tgt Ion: 63 Resp: 67777

Ion Ratio Lower Upper

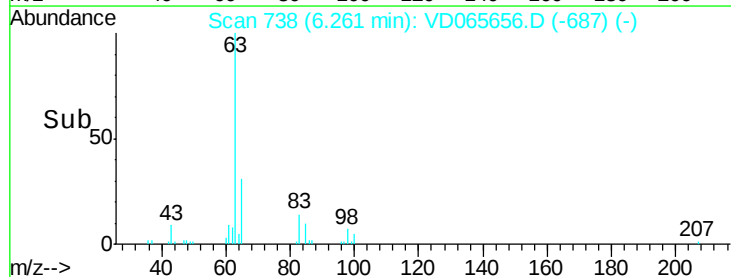
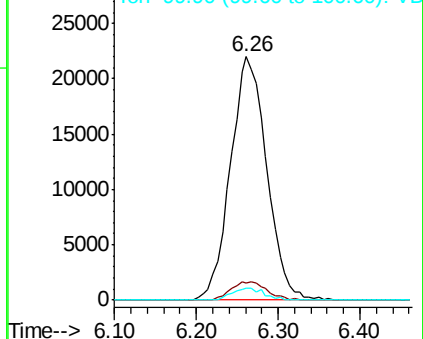
63 100

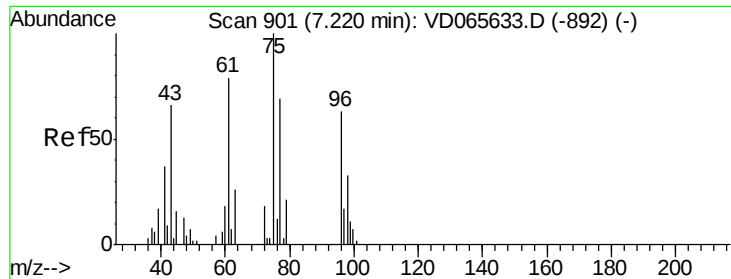
98 7.2 3.6 10.8

100 4.9 2.4 7.2



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





#25

2-Butanone

Concen: 106.890 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA_D

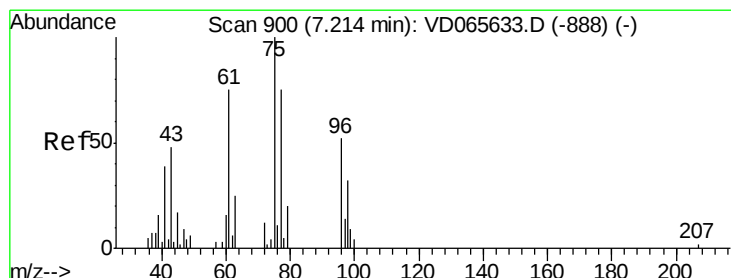
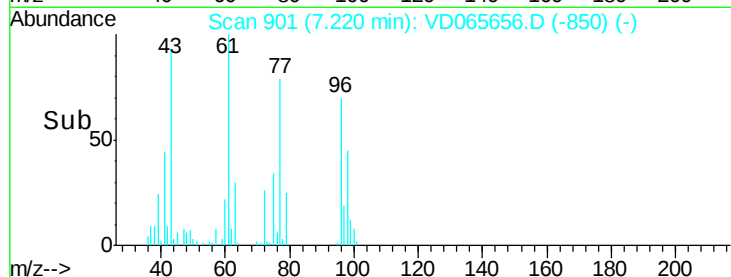
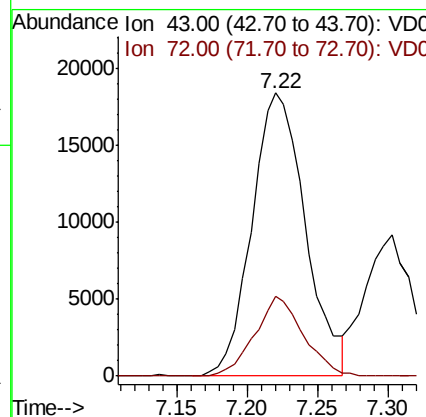
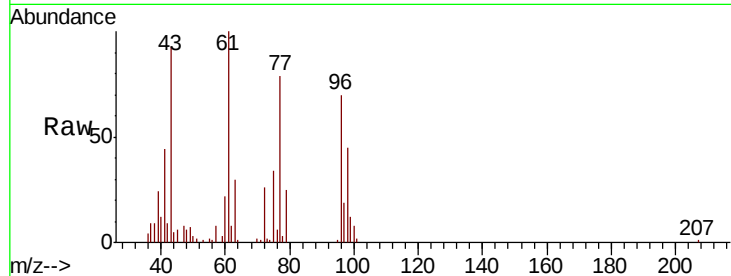
ClientSampled :

Tot Ion: 43 Resp: 48883

Ion Ratio Lower Upper

43 100

72 28.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 18.114 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD065656.D

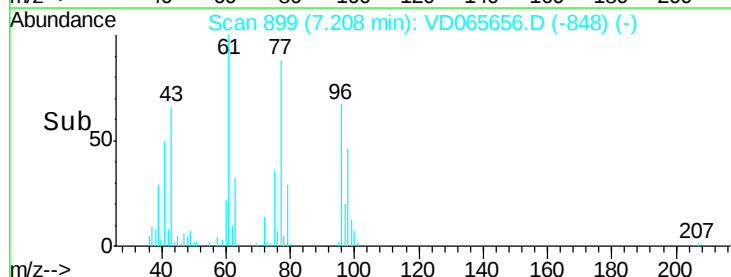
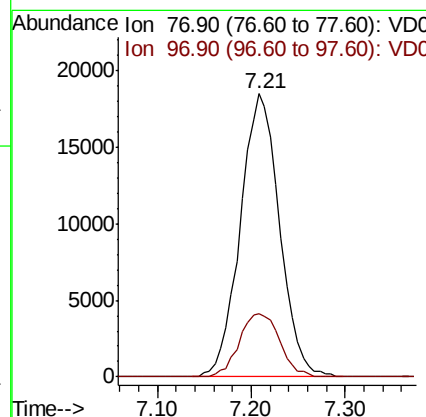
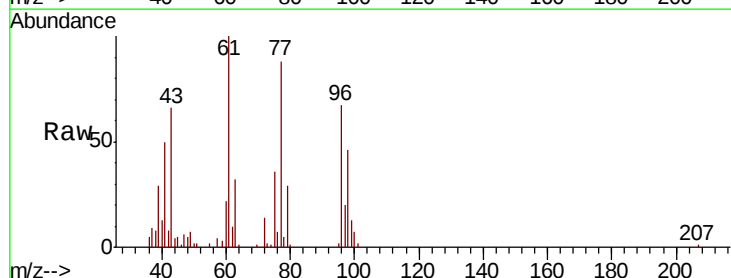
Acq: 17 Apr 2020 20:45

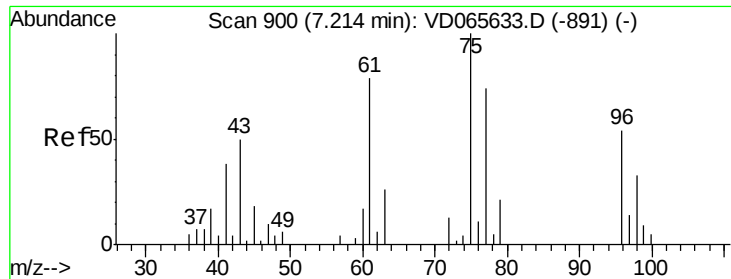
Tgt Ion: 77 Resp: 53494

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.5

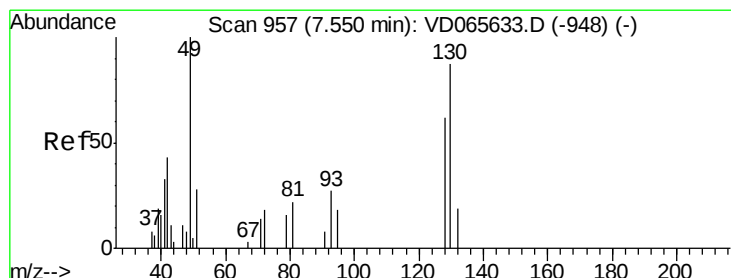
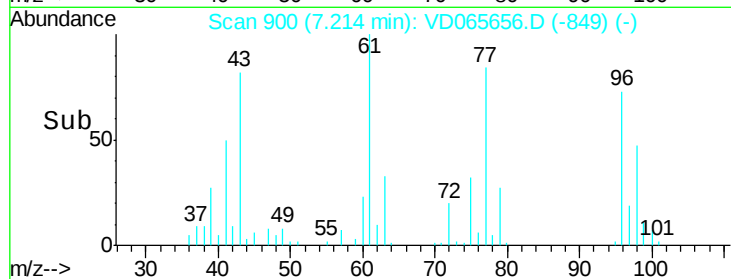
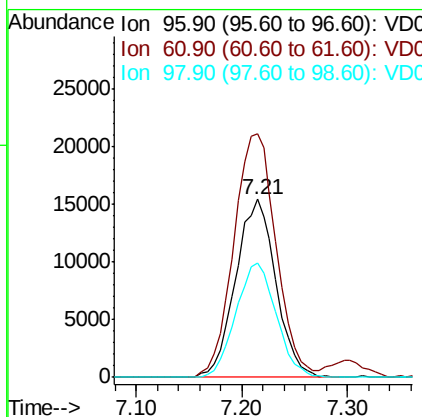
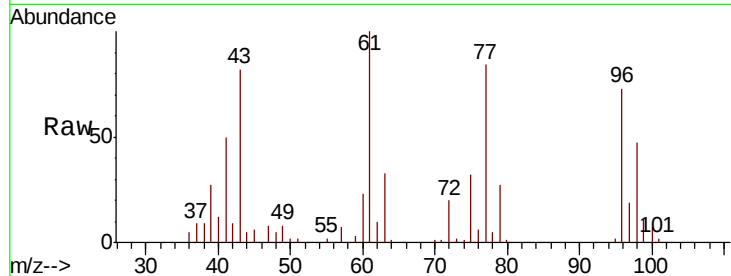




#27
 cis-1,2-Dichloroethene
 Concen: 19.483 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD065656.D
 Acq: 17 Apr 2020 20:45

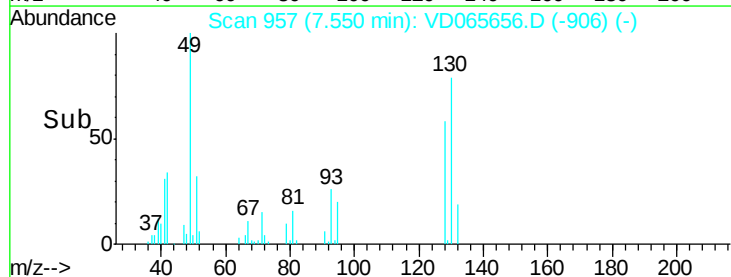
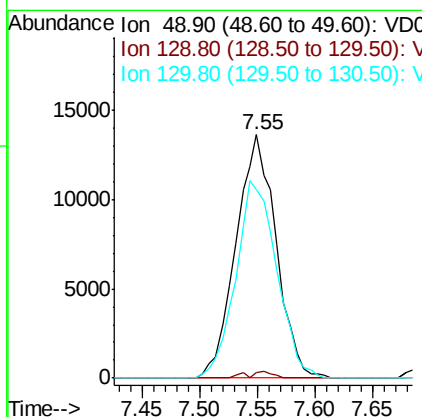
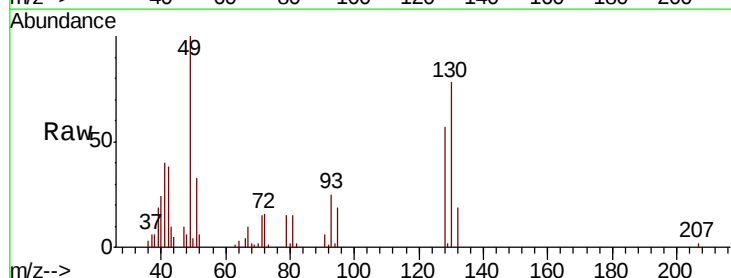
Instrument :
 MSVOA_D
 ClientSampled :

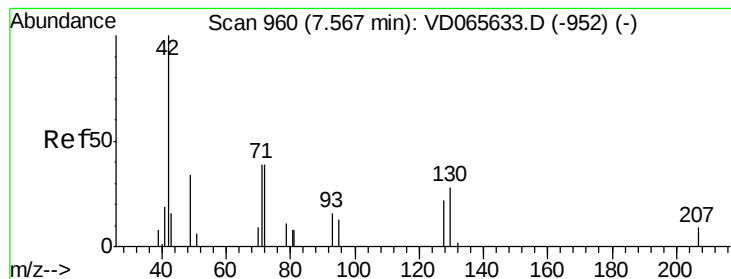
Tot Ion: 96 Resp: 40583
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 286.2
 98 64.4 0.0 128.0



#28
 Bromochloromethane
 Concen: 24.291 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD065656.D
 Acq: 17 Apr 2020 20:45

Tgt Ion: 49 Resp: 32871
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.2
 130 82.9 66.2 99.2





#29

Tetrahydrofuran

Concen: 106.351 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

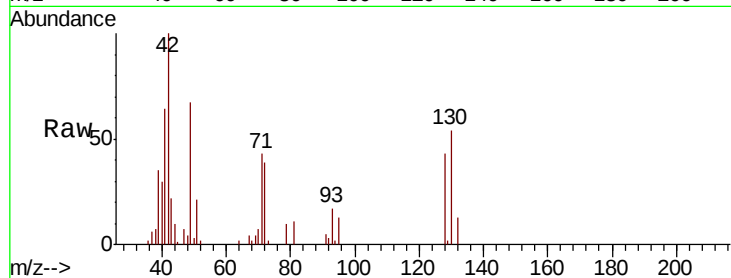
Tot Ion: 42 Resp: 30860

Ion Ratio Lower Upper

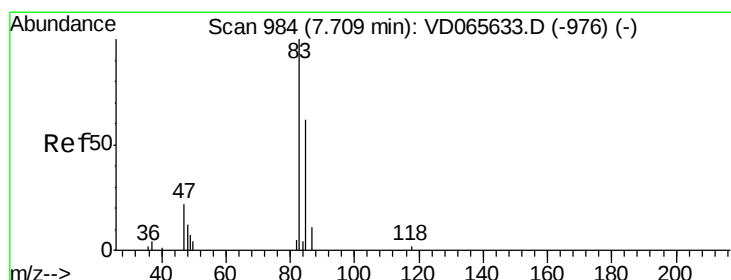
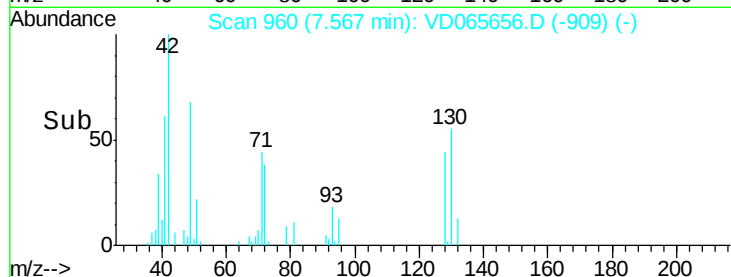
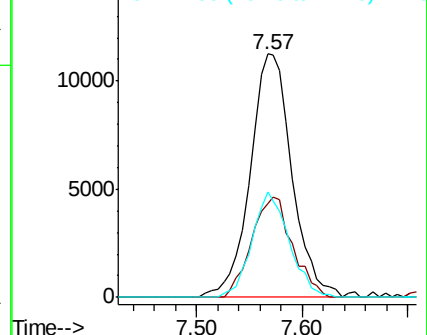
42 100

72 40.3 34.4 51.6

71 38.7 31.4 47.0



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



#30

Chloroform

Concen: 20.379 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD065656.D

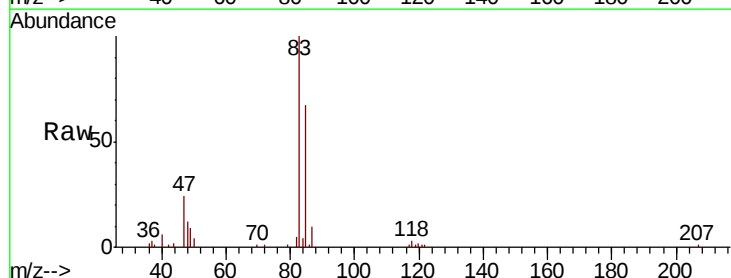
Acq: 17 Apr 2020 20:45

Tgt Ion: 83 Resp: 70668

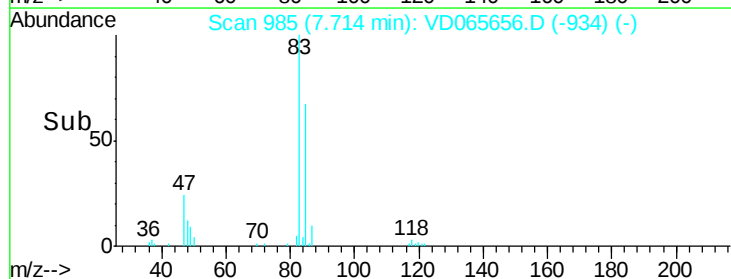
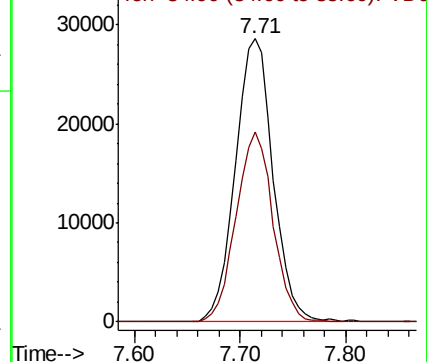
Ion Ratio Lower Upper

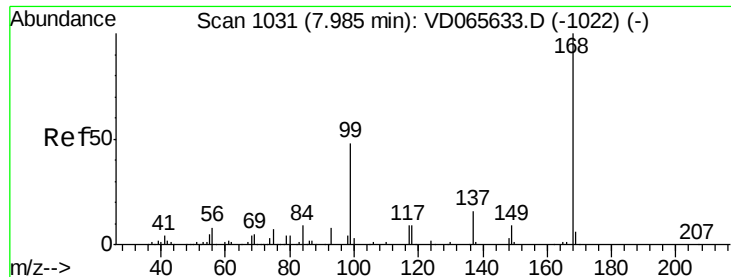
83 100

85 66.9 52.6 78.8



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

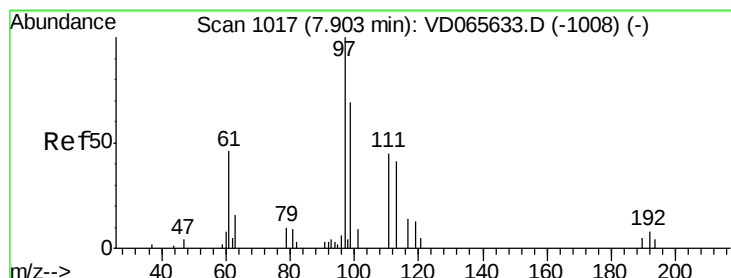
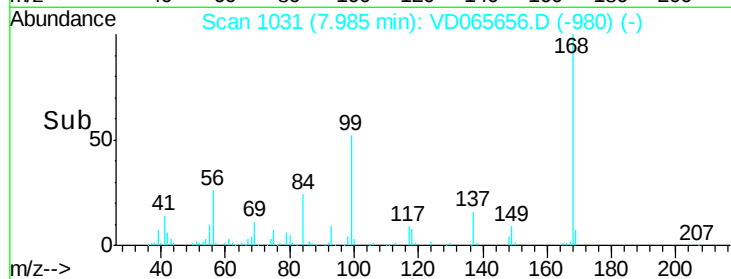
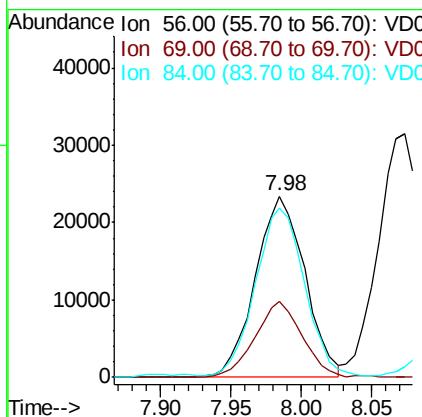
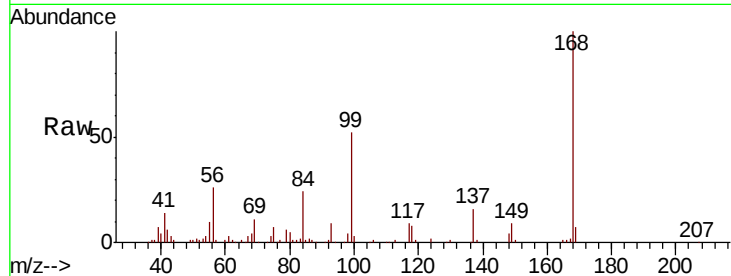




#31
Cyclohexane
Concen: 17.762 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

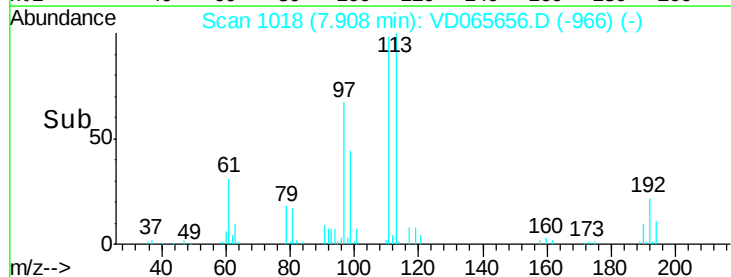
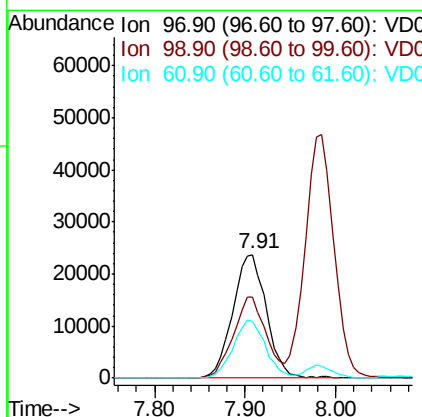
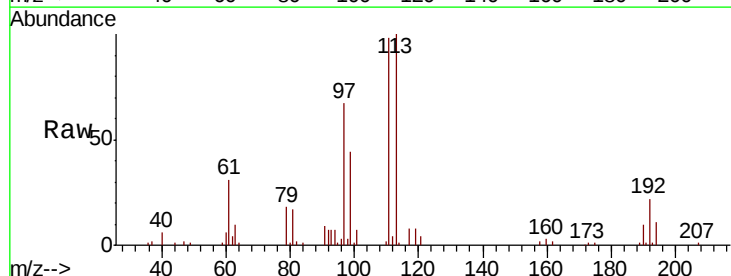
Instrument :
MSVOA_D
ClientSampled :

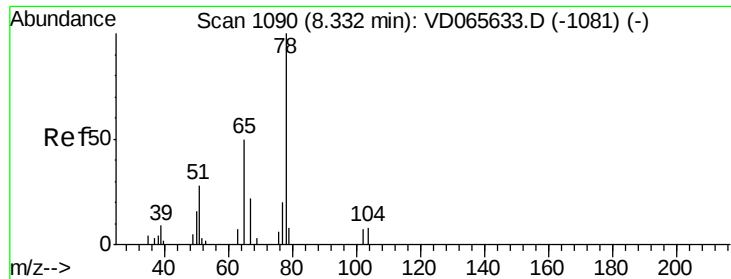
Tot Ion: 56 Resp: 57328
Ion Ratio Lower Upper
56 100
69 42.1 26.6 40.0#
84 91.5 75.3 112.9



#32
1,1,1-Trichloroethane
Concen: 19.529 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

Tgt Ion: 97 Resp: 60888
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 45.8 34.8 52.2

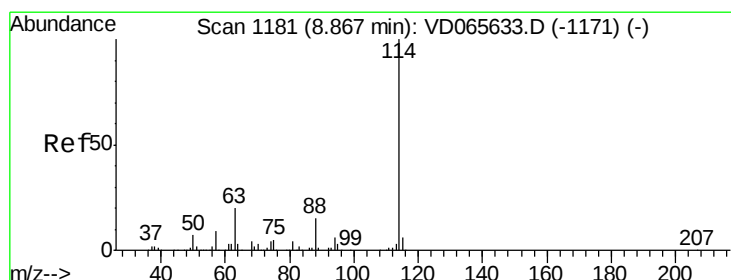
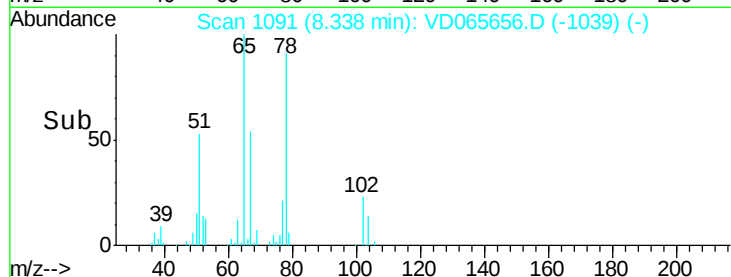
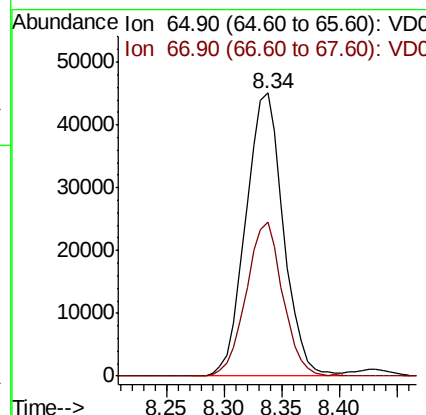
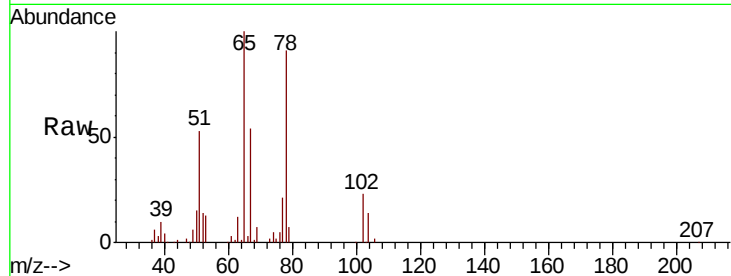




#33
 1,2-Dichloroethane-d4
 Concen: 59.587 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD065656.D
 Acq: 17 Apr 2020 20:45

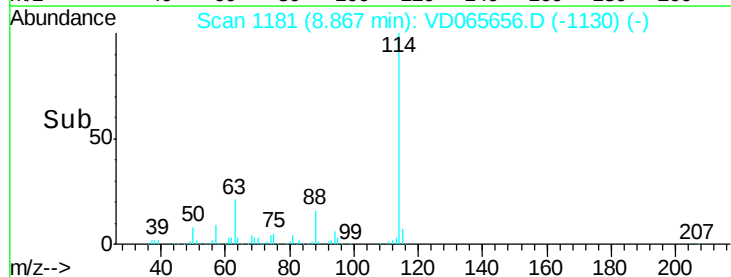
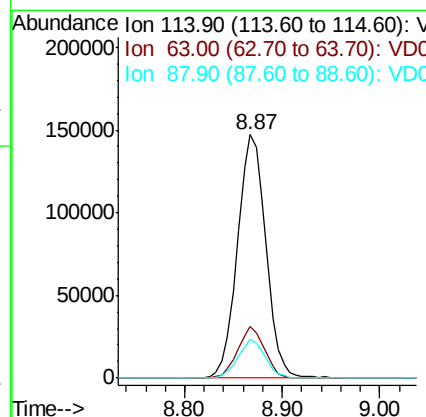
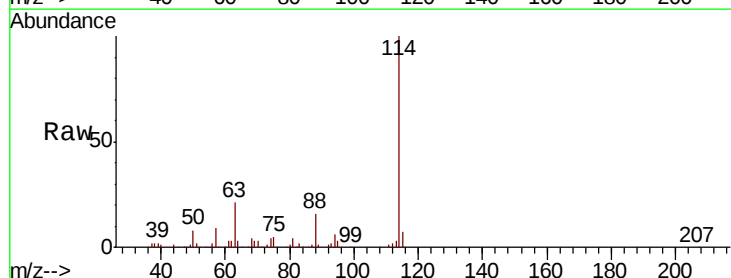
Instrument :
 MSVOA_D
 ClientSampleID :

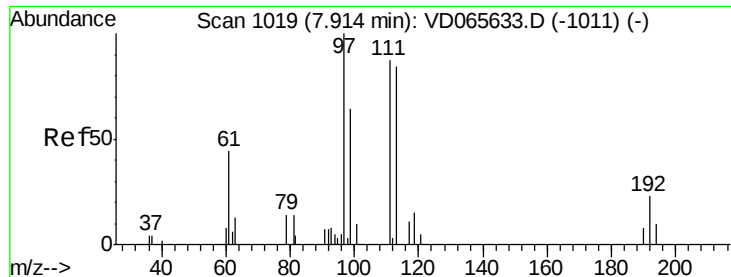
Tot Ion: 65 Resp: 102121
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065656.D
 Acq: 17 Apr 2020 20:45

Tgt Ion: 114 Resp: 298449
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.8
 88 15.9 0.0 31.6

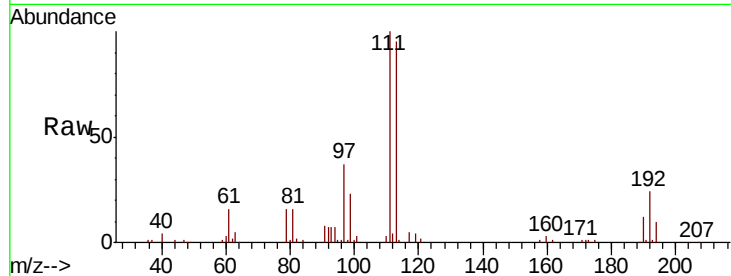




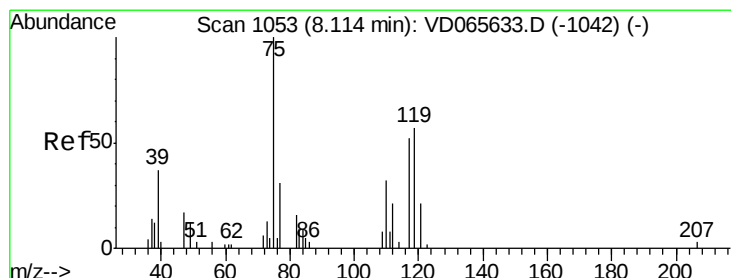
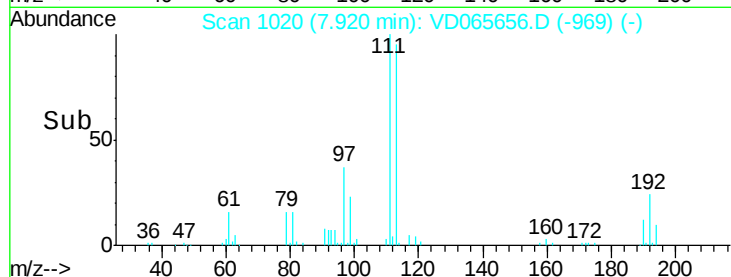
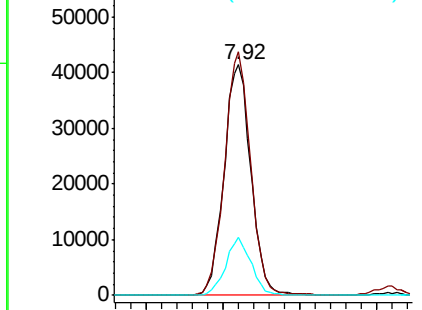
#35
 Dibromofluoromethane
 Concen: 54.347 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065656.D
 Acq: 17 Apr 2020 20:45

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.9	122.9
192	23.4	18.9	28.3

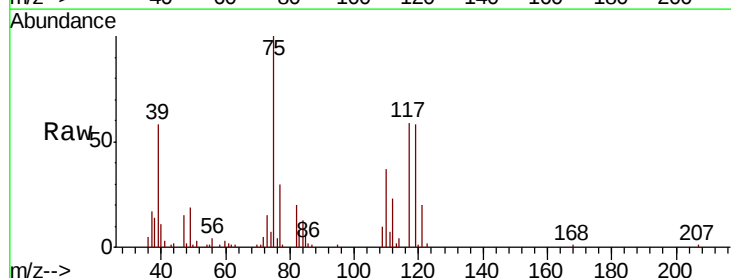


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

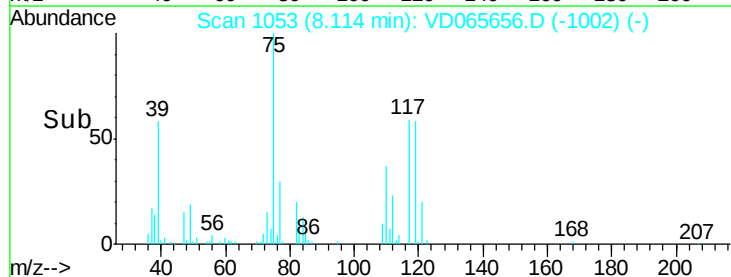
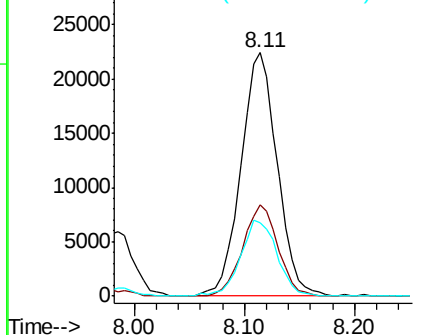


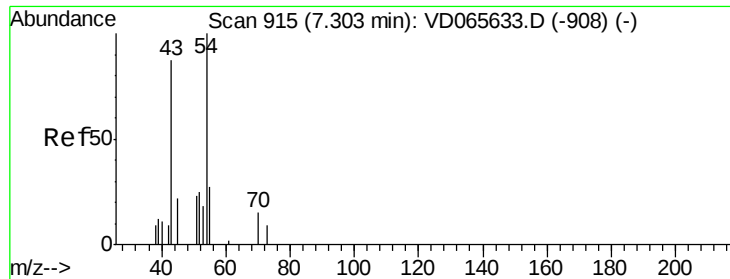
#36
 1,1-Dichloropropene
 Concen: 17.954 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065656.D
 Acq: 17 Apr 2020 20:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.3	54.8
77	31.2	24.6	37.0



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

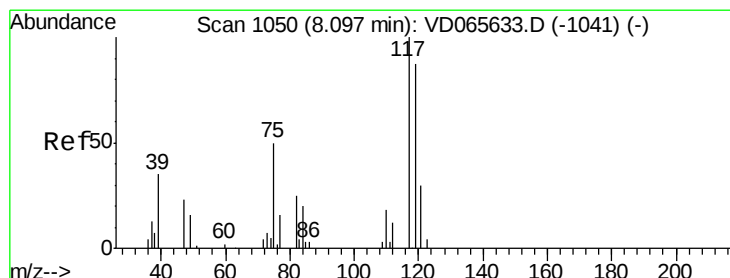
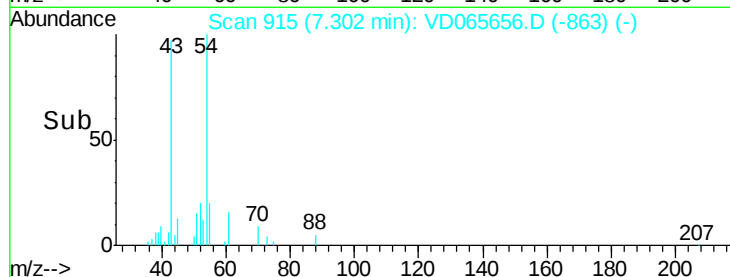
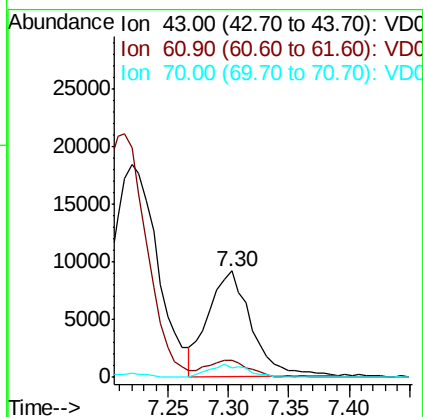
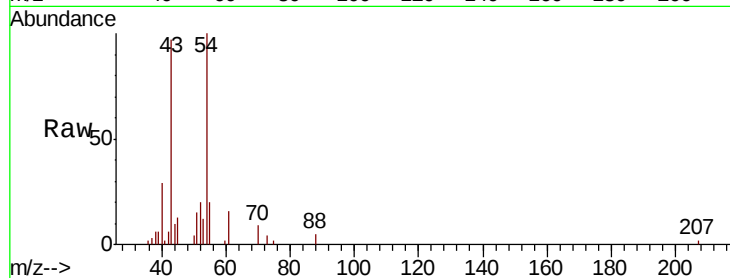




#37
Ethyl Acetate
Concen: 19.402 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

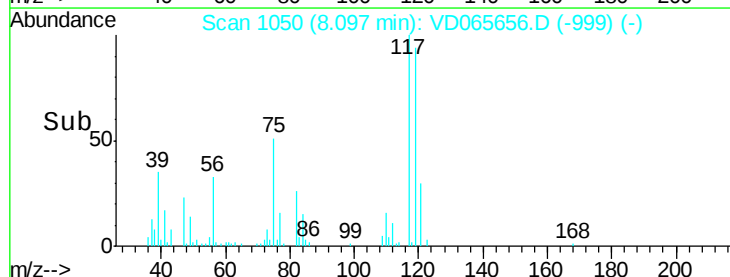
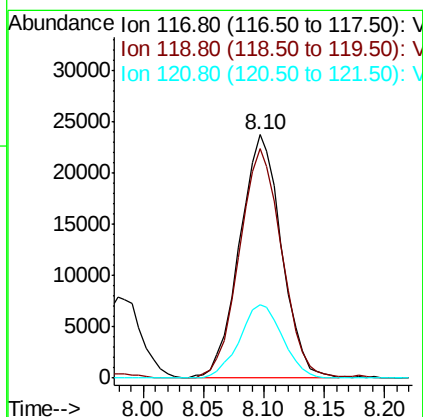
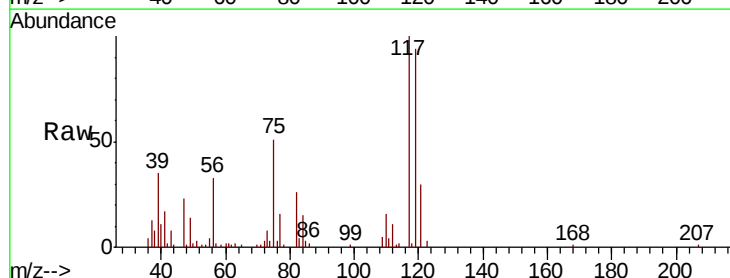
Instrument :
MSVOA_D
ClientSampled :

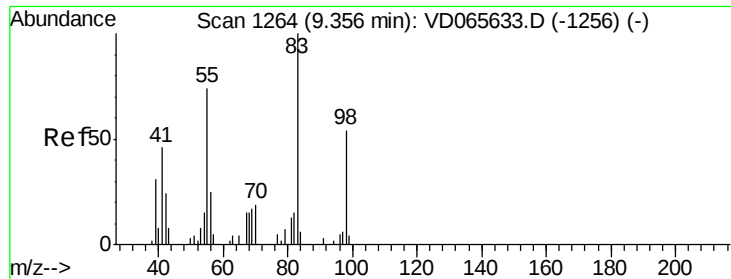
Tot Ion: 43 Resp: 22298
Ion Ratio Lower Upper
43 100
61 15.1 10.9 16.3
70 10.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 18.602 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

Tgt Ion: 117 Resp: 57421
Ion Ratio Lower Upper
117 100
119 94.4 75.3 112.9
121 30.3 24.9 37.3

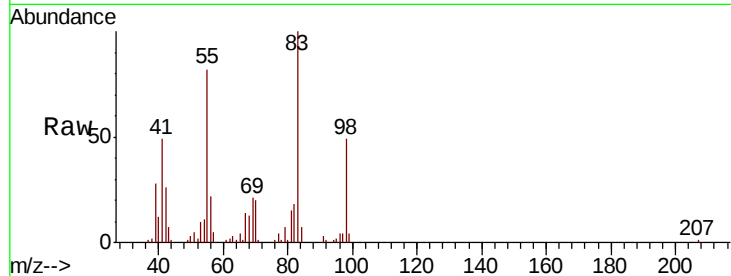




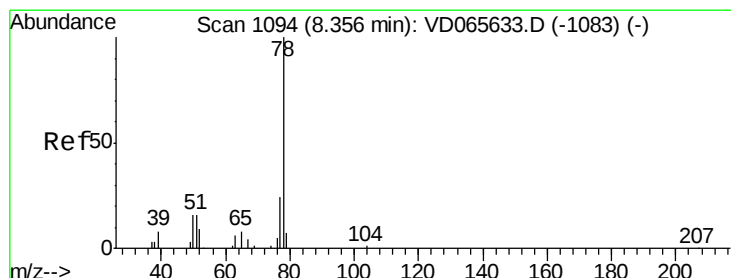
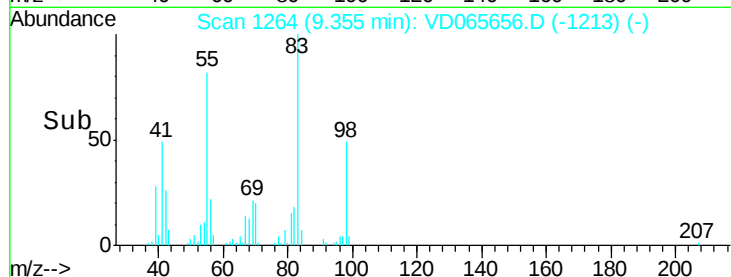
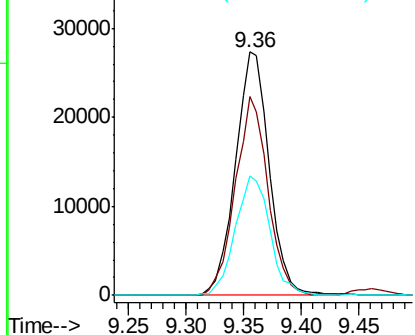
#39
Methvlcvclohexane
Concen: 16.496 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	83	Resp	55320
Ion Ratio	Lower	Upper	
83	100		
55	81.6	62.3	93.5
98	48.9	40.5	60.7

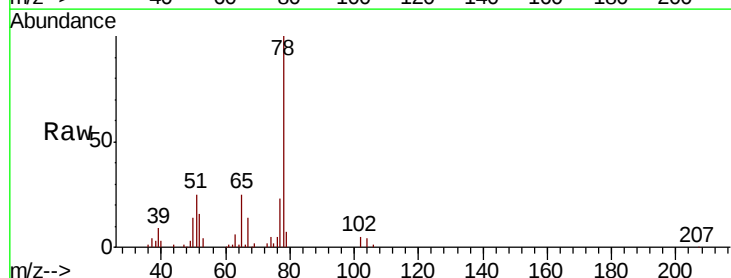


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

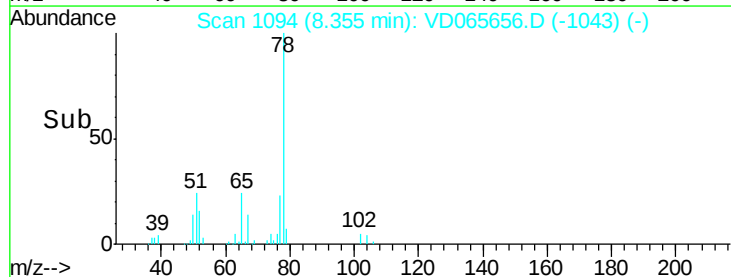
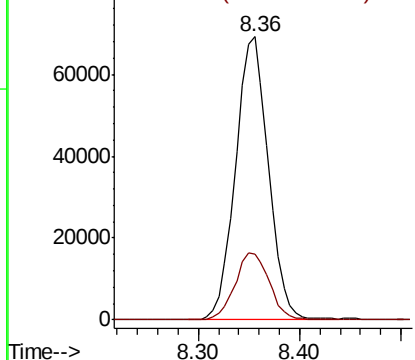


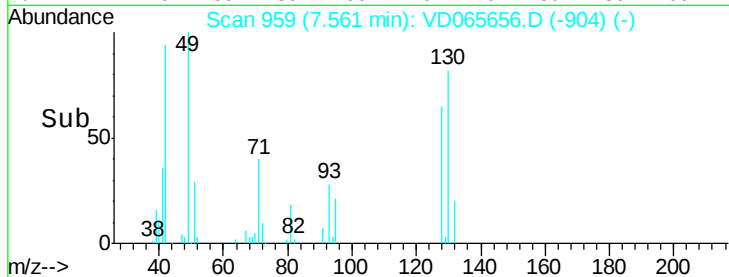
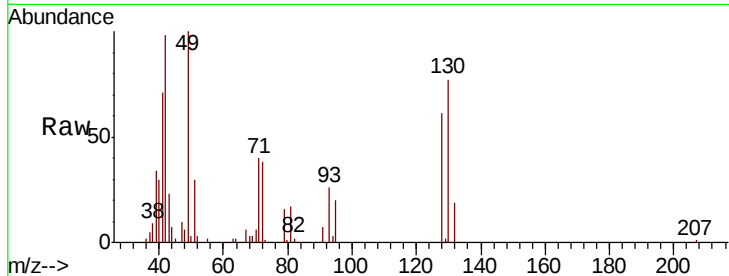
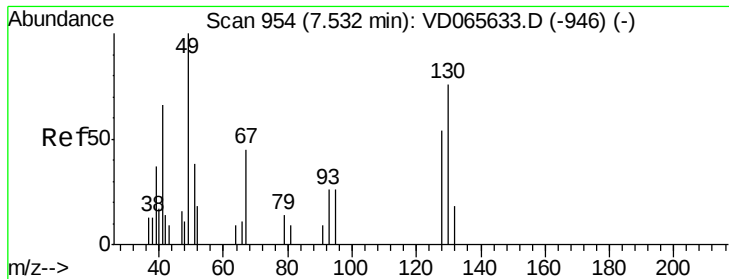
#40
Benzene
Concen: 18.809 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

Tgt Ion	78	Resp	155839
Ion Ratio	Lower	Upper	
78	100		
77	23.4	18.9	28.3



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

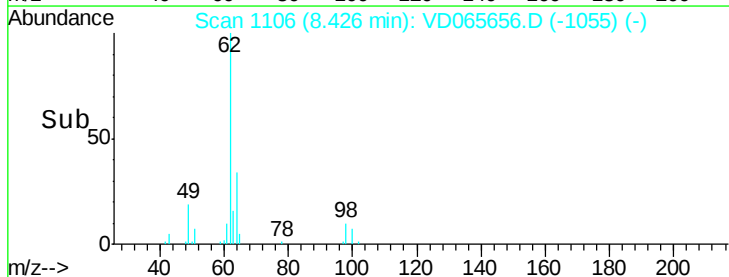
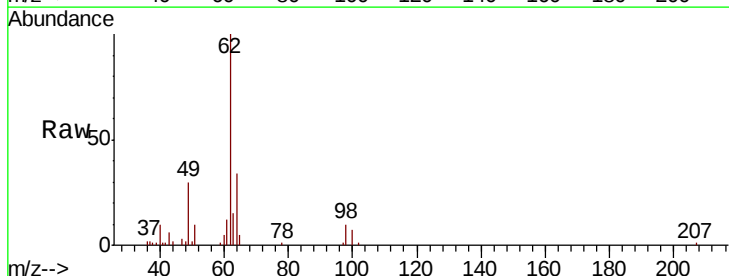
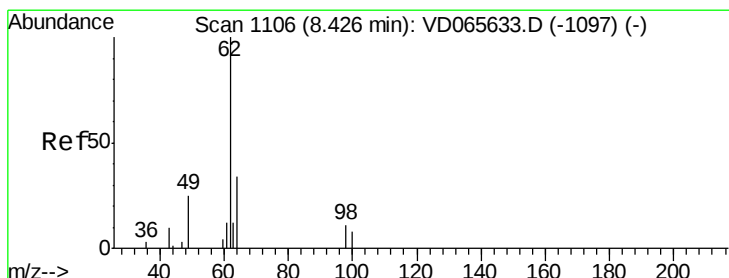
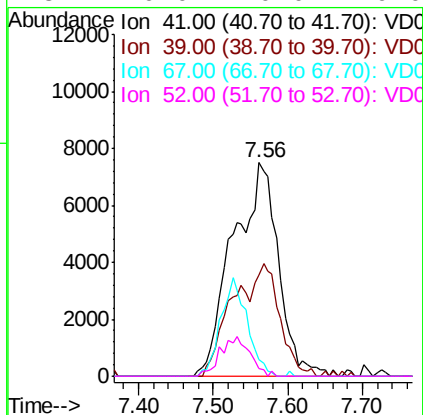




#41
Methacrylonitrile
Concen: 55.763 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.02 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

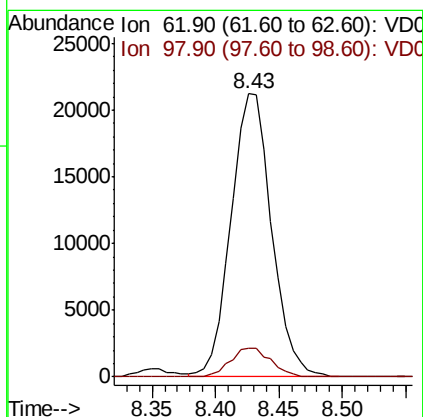
Instrument :
MSVOA_D
ClientSampleID :

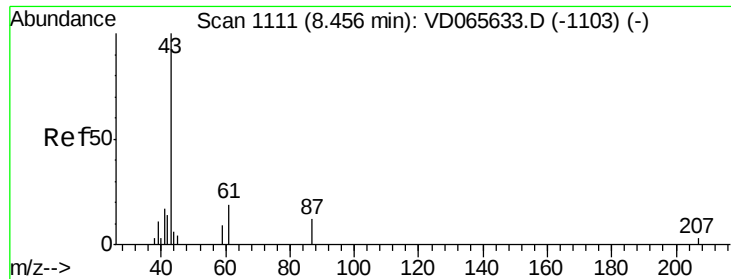
Tot Ion:	41	Resp:	31740
Ion	Ratio	Lower	Upper
41	100		
39	29.2	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.773 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

Tgt Ion:	62	Resp:	47170
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.6





#43

Isopropyl Acetate

Concen: 19.997 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA_D

ClientSampled :

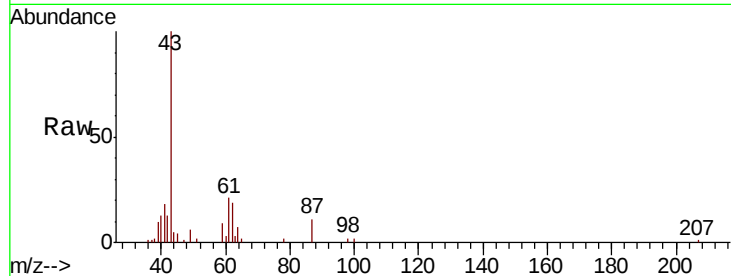
Tot Ion: 43 Resp: 41383

Ion Ratio Lower Upper

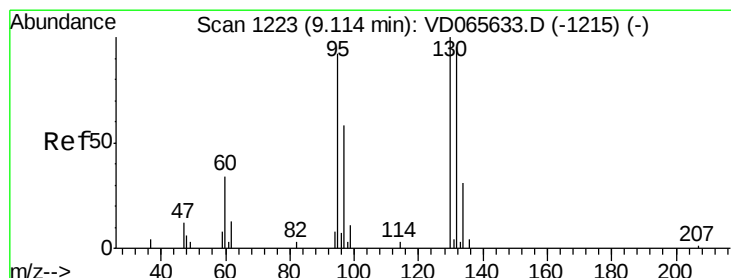
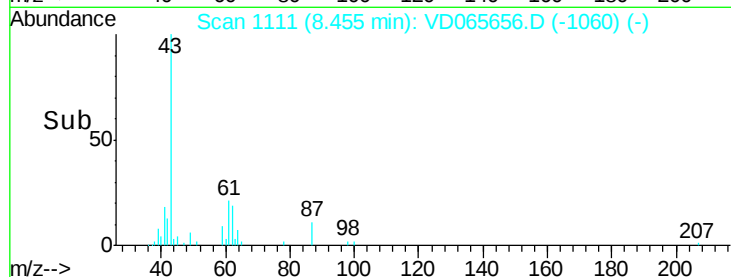
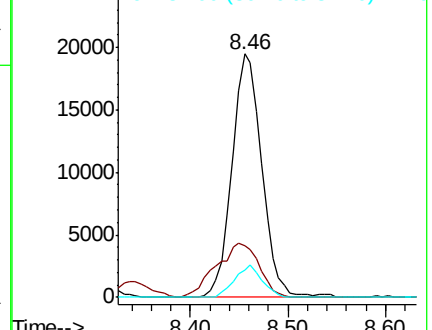
43 100

61 32.1 25.0 37.6

87 12.0 9.9 14.9



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: 18.029 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065656.D

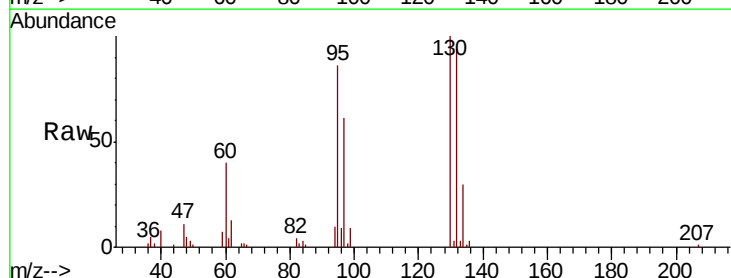
Acq: 17 Apr 2020 20:45

Tgt Ion: 130 Resp: 41815

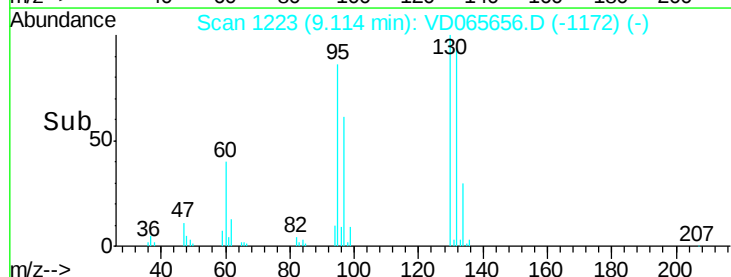
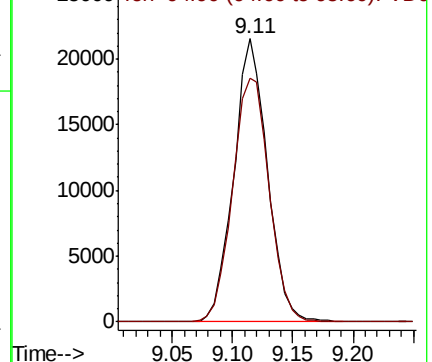
Ion Ratio Lower Upper

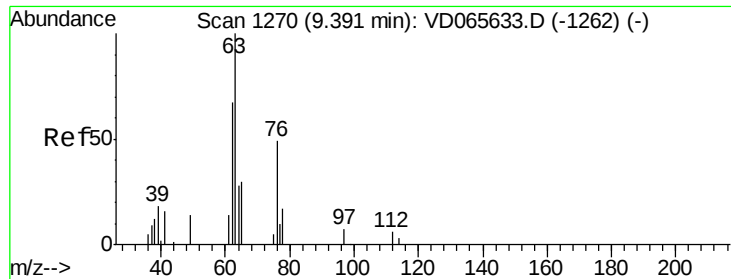
130 100

95 86.1 0.0 178.4



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





#45

1,2-Dichloropropane

Concen: 19.440 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA_D

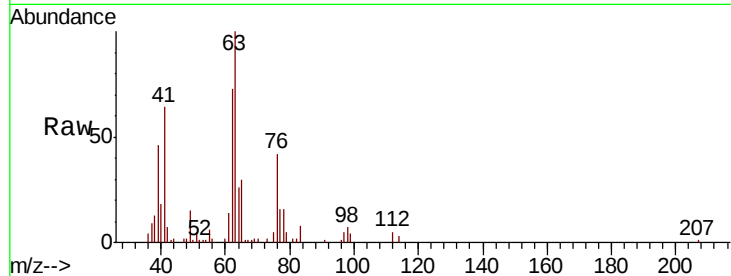
ClientSampleId :

Tot Ion: 63 Resp: 39531

Ion Ratio Lower Upper

63 100

65 29.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.39

20000

15000

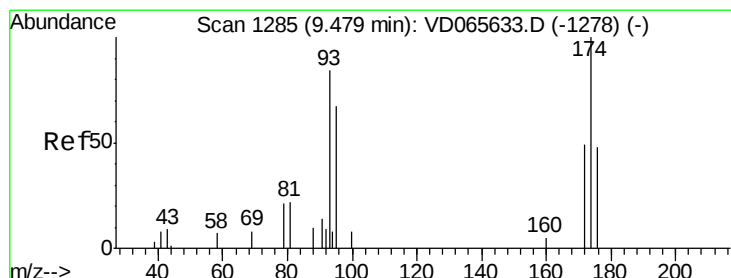
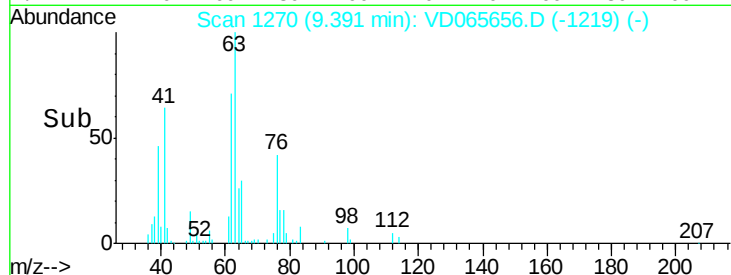
10000

5000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 20.041 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

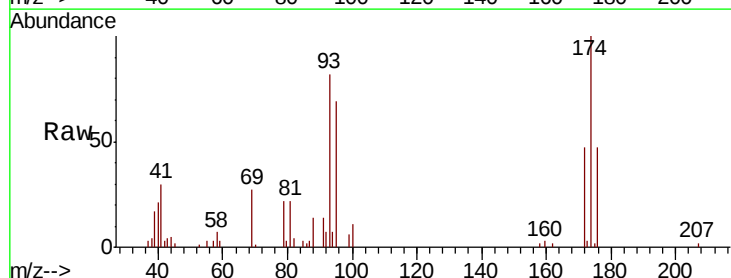
Tgt Ion: 93 Resp: 21074

Ion Ratio Lower Upper

93 100

95 85.1 67.4 101.2

174 120.5 94.1 141.1



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): V

15000

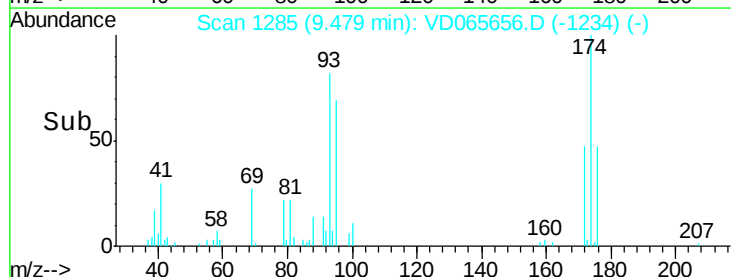
10000

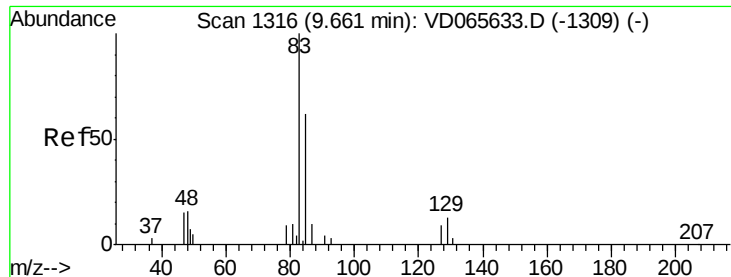
5000

0

9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 20.149 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

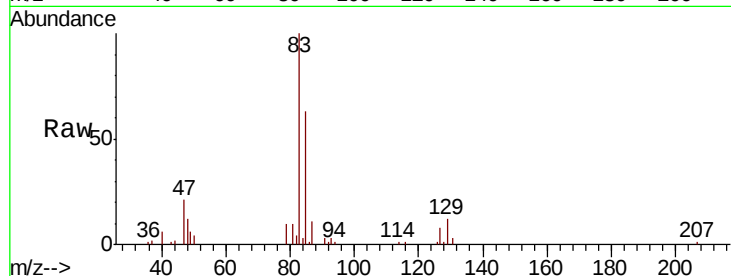
Tot Ion: 83 Resp: 56421

Ion Ratio Lower Upper

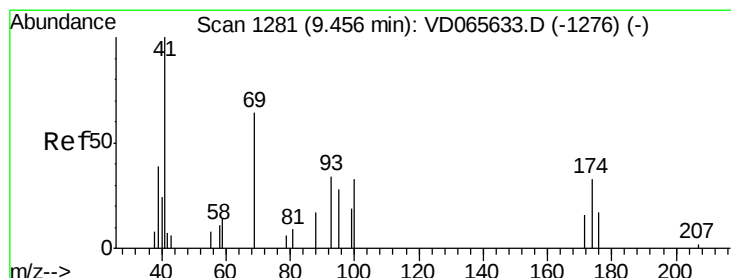
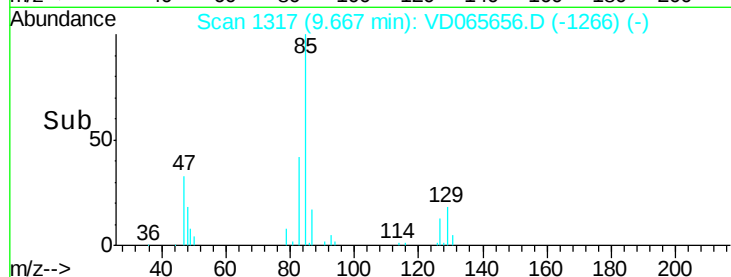
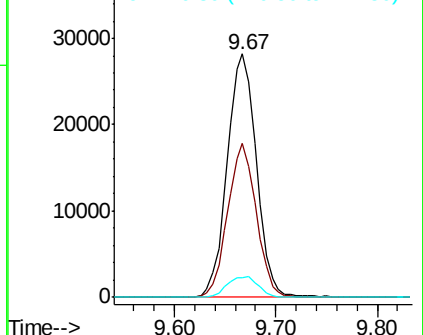
83 100

85 63.4 49.8 74.8

127 8.1 6.6 9.8



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



#48

Methyl methacrylate

Concen: 18.364 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

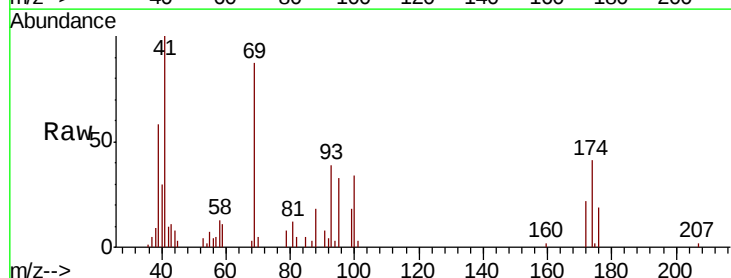
Tgt Ion: 41 Resp: 19083

Ion Ratio Lower Upper

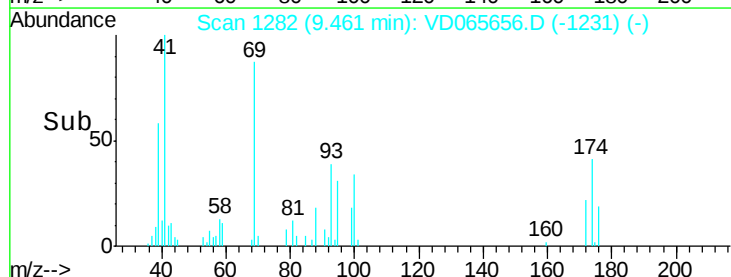
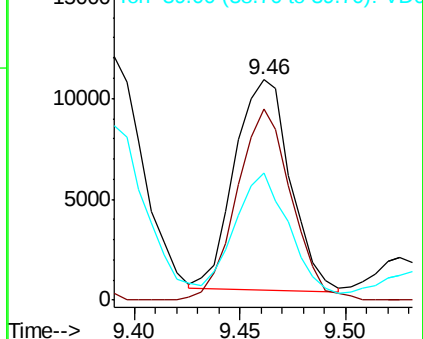
41 100

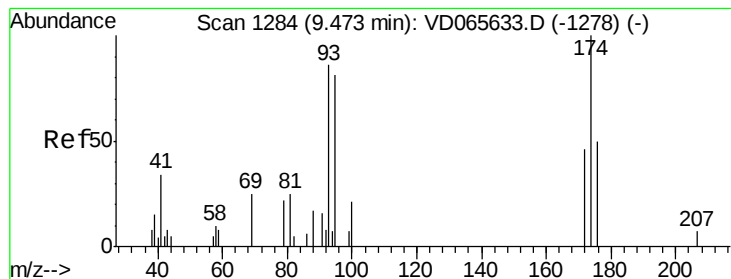
69 89.1 66.8 100.2

39 61.4 39.6 59.4#



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





#49

1,4-Dioxane

Concen: 405.013 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.01 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :
MSVOA_D
ClientSampleId :

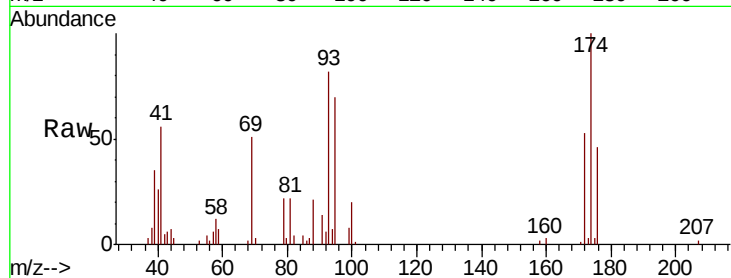
Tot Ion: 88 Resp: 4949

Ion Ratio Lower Upper

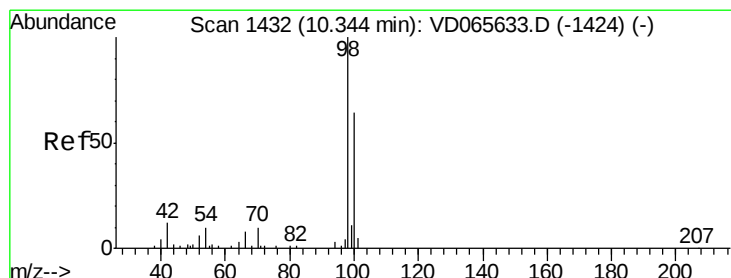
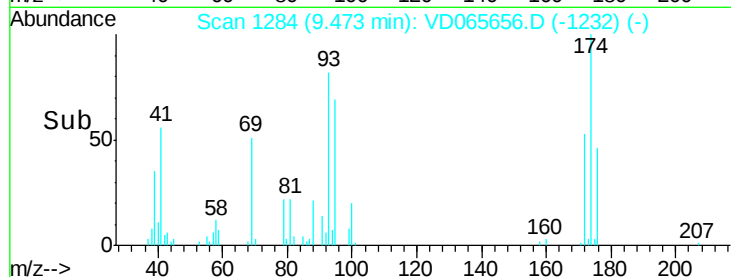
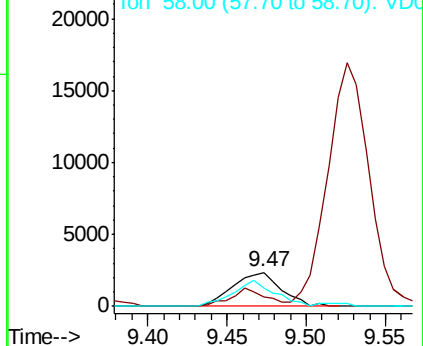
88 100

43 38.6 28.1 42.1

58 65.8 55.7 83.5



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: 54.244 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065656.D

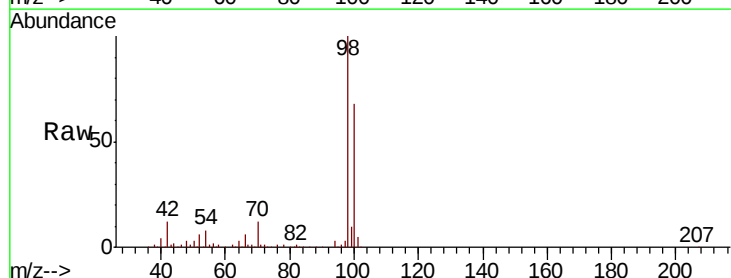
Acq: 17 Apr 2020 20:45

Tgt Ion: 98 Resp: 371422

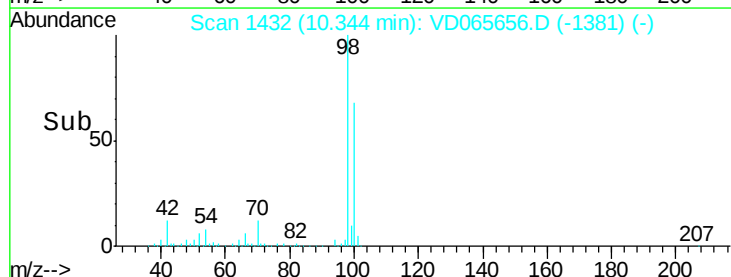
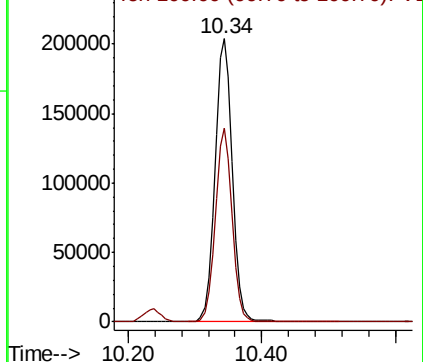
Ion Ratio Lower Upper

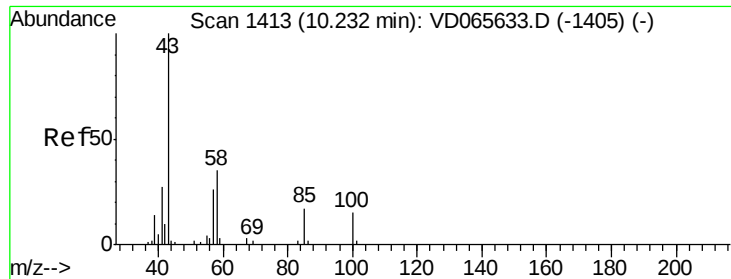
98 100

100 66.6 52.4 78.6



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: 99.144 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA_D

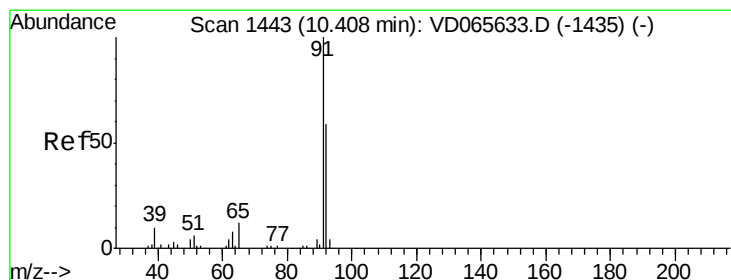
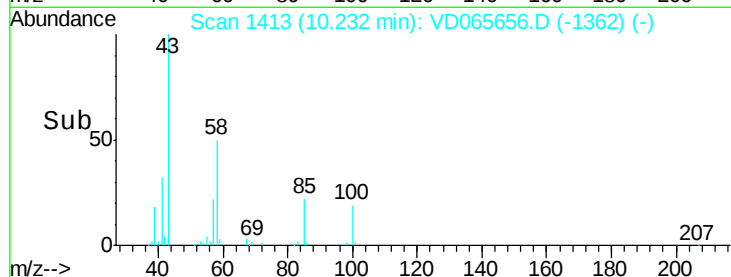
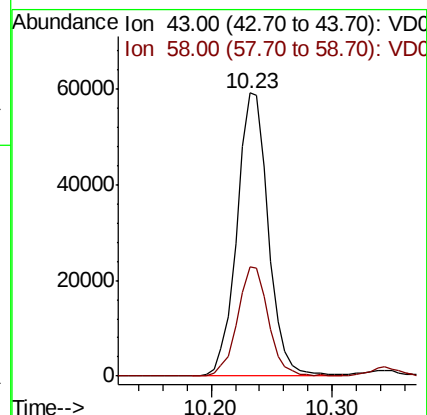
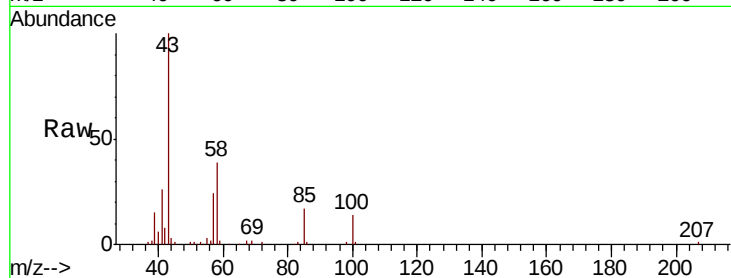
ClientSampleId :

Tot Ion: 43 Resp: 107538

Ion Ratio Lower Upper

43 100

58 37.6 31.1 46.7



#52

Toluene

Concen: 19.668 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065656.D

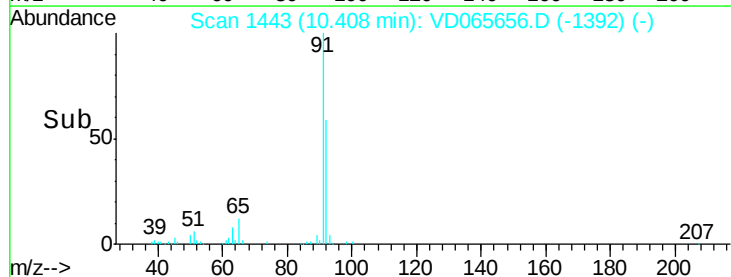
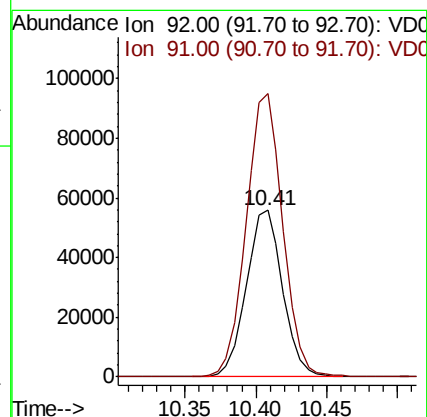
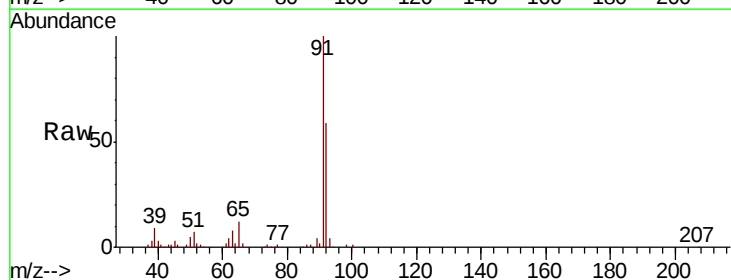
Acq: 17 Apr 2020 20:45

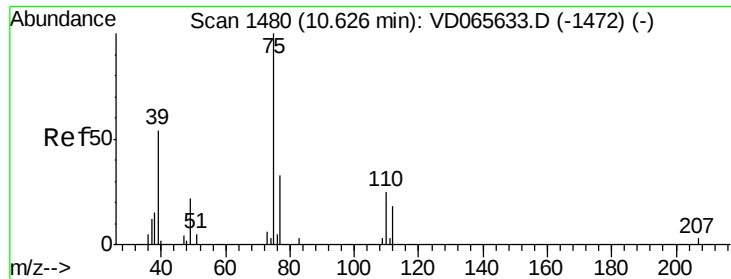
Tgt Ion: 92 Resp: 100462

Ion Ratio Lower Upper

92 100

91 171.9 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 19.119 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA_D

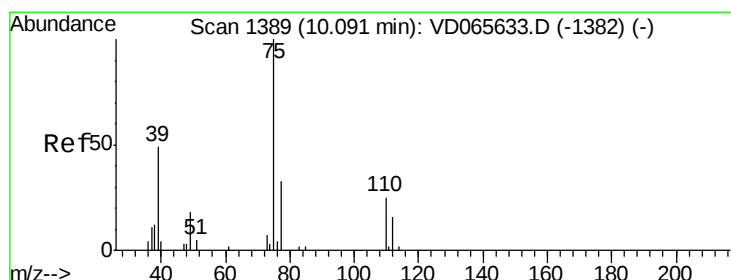
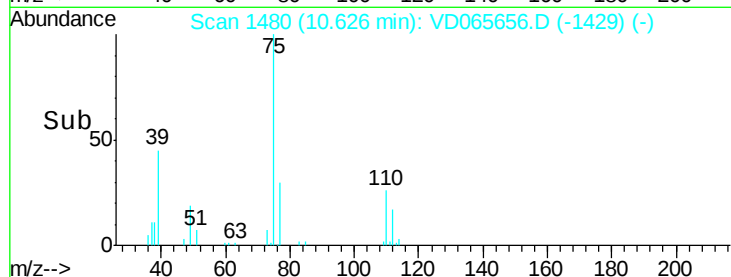
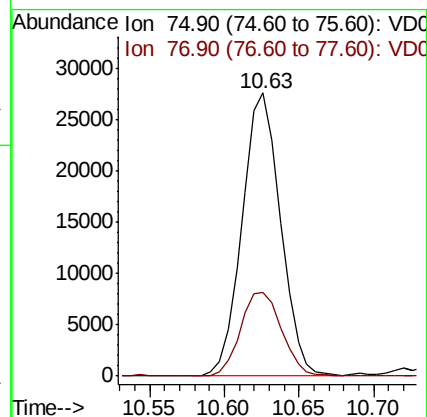
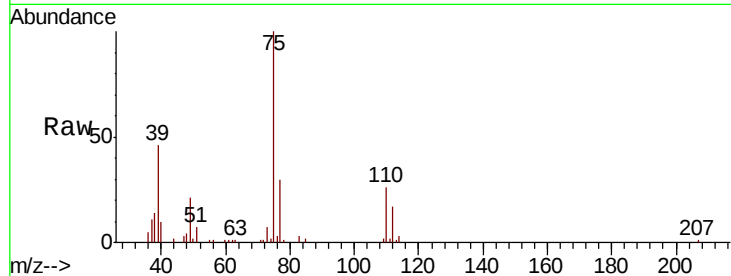
ClientSampleId :

Tot Ion: 75 Resp: 49158

Ion Ratio Lower Upper

75 100

77 29.7 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 19.121 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.01 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

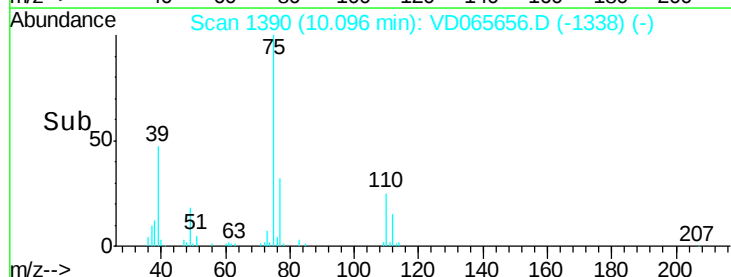
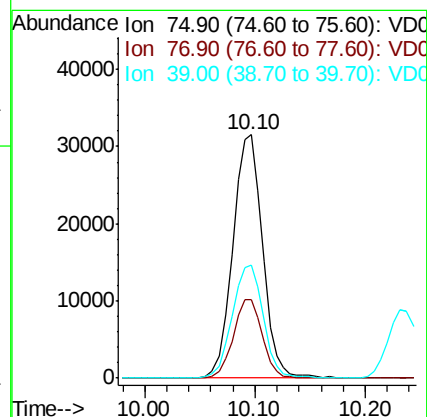
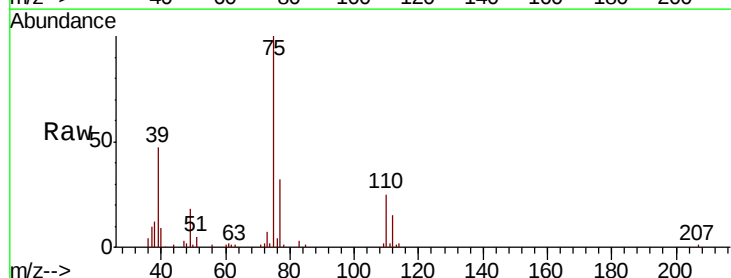
Tgt Ion: 75 Resp: 59499

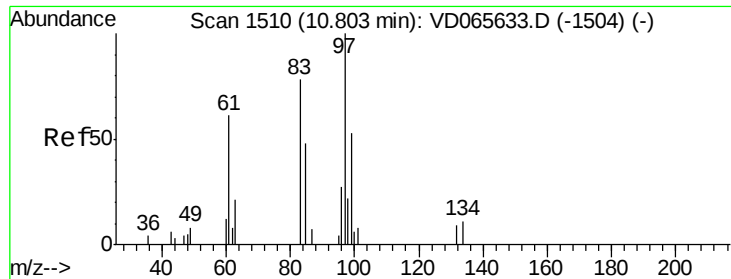
Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

39 46.5 38.7 58.1

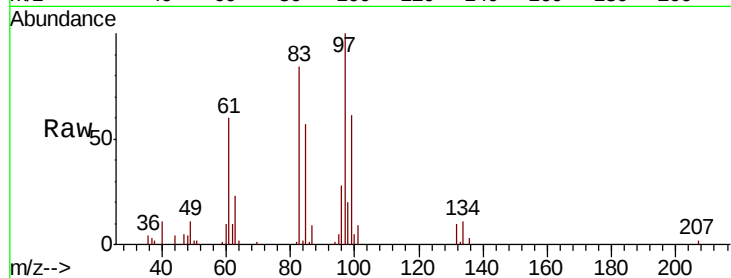




#55
 1,1,2-Trichloroethane
 Concen: 21.194 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065656.D
 Acq: 17 Apr 2020 20:45

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:	97	Resp:	31523
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.4	101.0
85	57.3	43.4	65.0
99	61.3	50.5	75.7



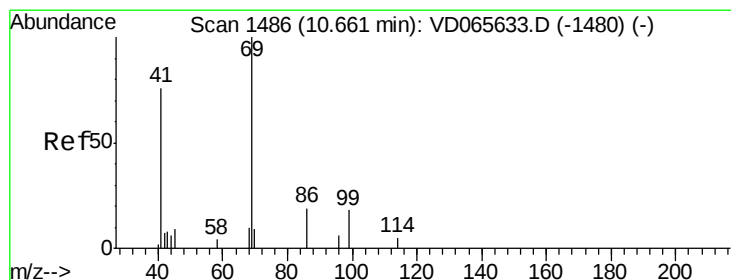
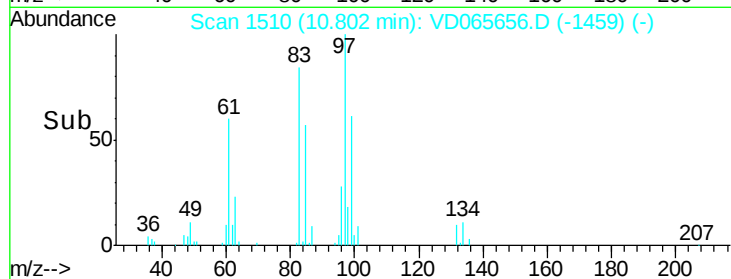
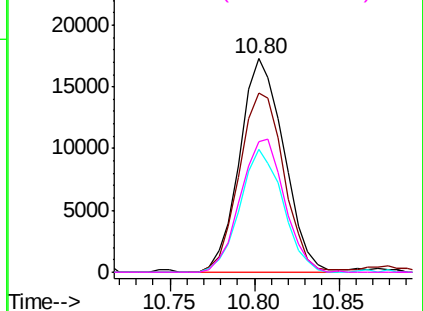
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

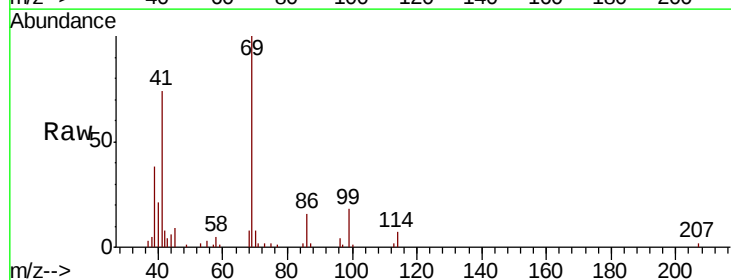
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 18.840 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065656.D
 Acq: 17 Apr 2020 20:45

Tgt Ion:	69	Resp:	30738
Ion	Ratio	Lower	Upper
69	100		
41	72.3	56.2	84.4
39	35.5	26.6	39.8

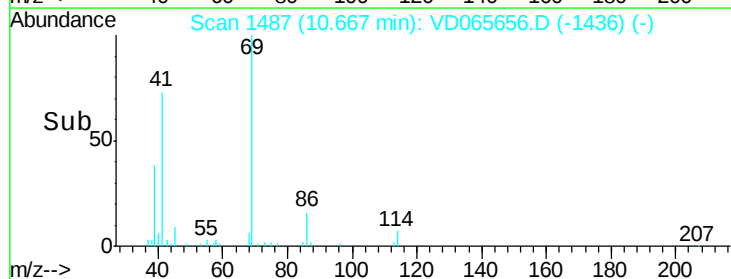
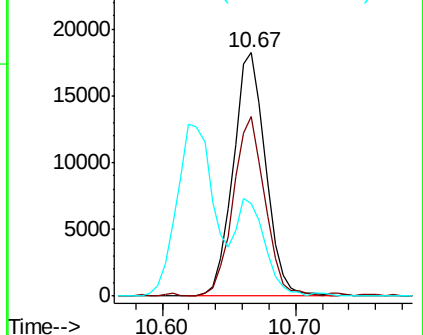


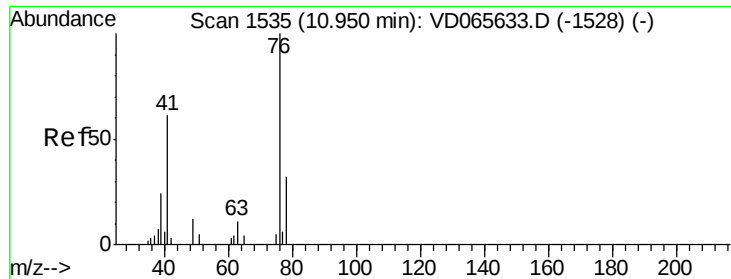
Abundance

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: 20.272 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA_D

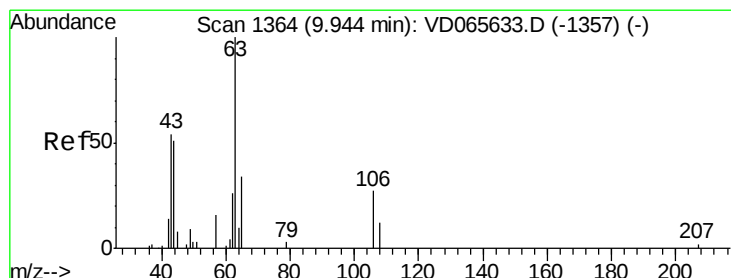
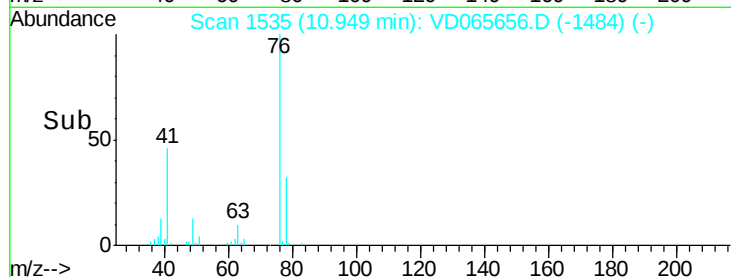
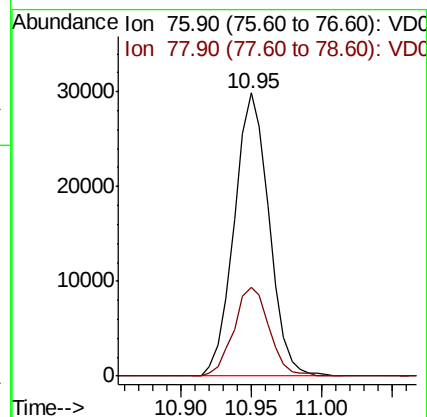
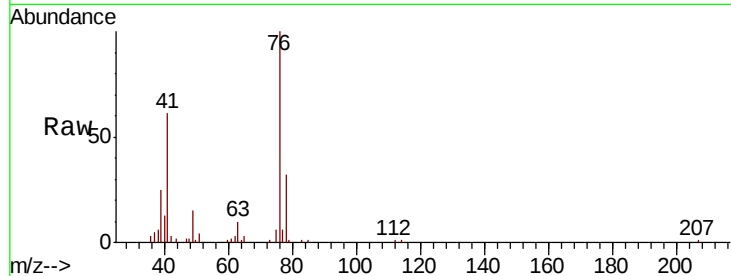
ClientSampleId :

Tot Ion: 76 Resp: 51342

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 108.427 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.01 min

Lab File: VD065656.D

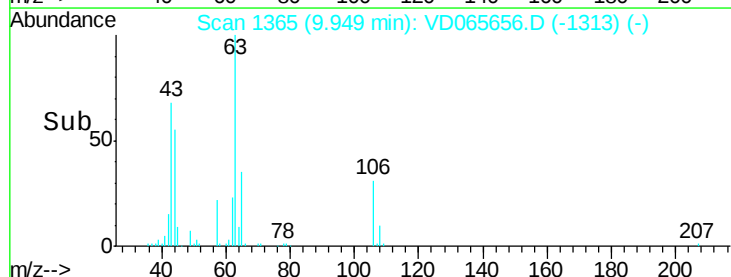
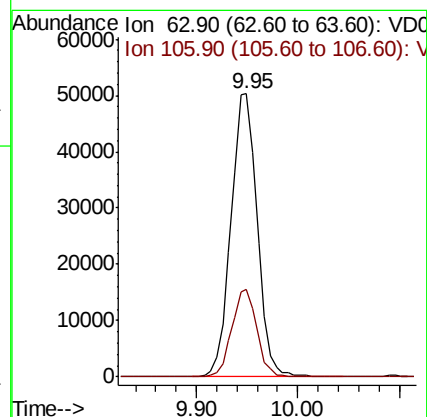
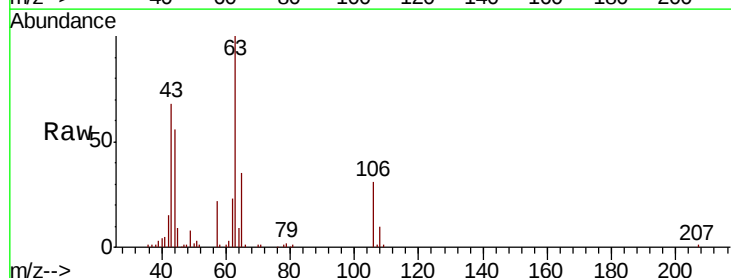
Acq: 17 Apr 2020 20:45

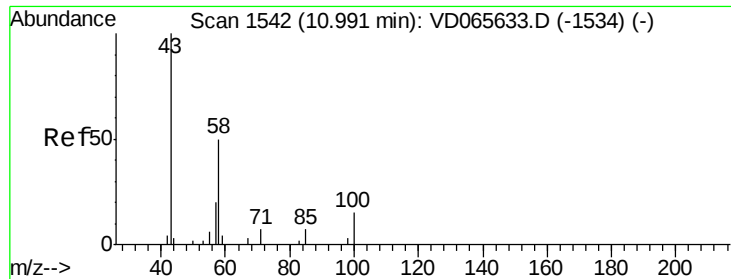
Tgt Ion: 63 Resp: 90353

Ion Ratio Lower Upper

63 100

106 29.3 23.8 35.6

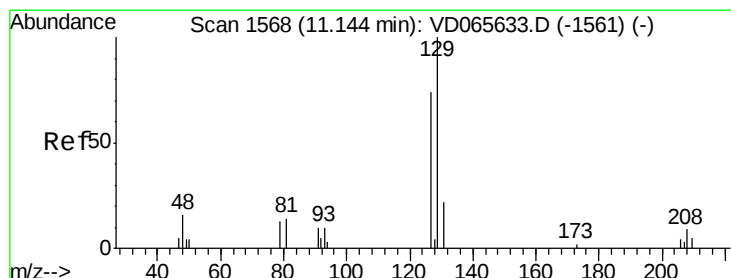
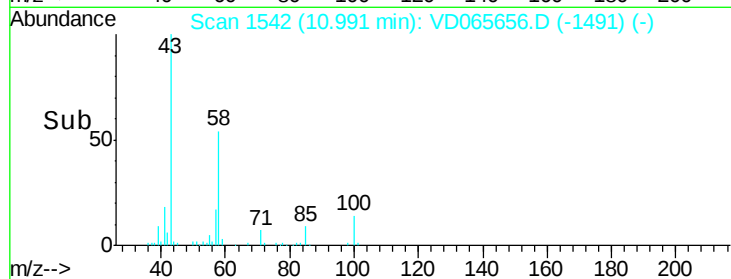
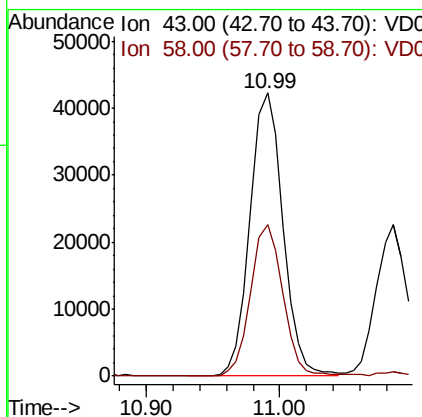
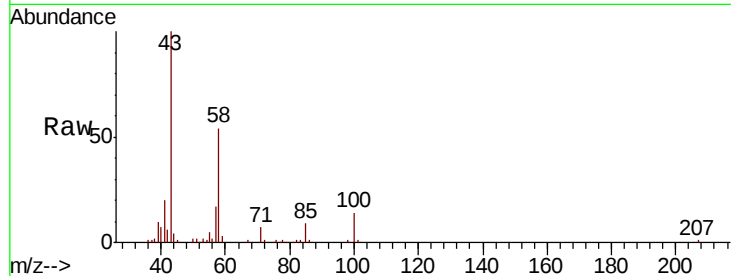




#59
2-Hexanone
Concen: 97.344 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

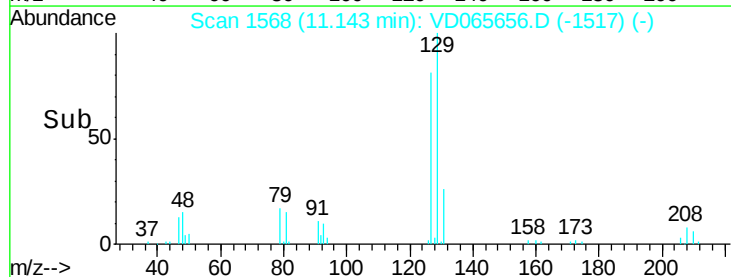
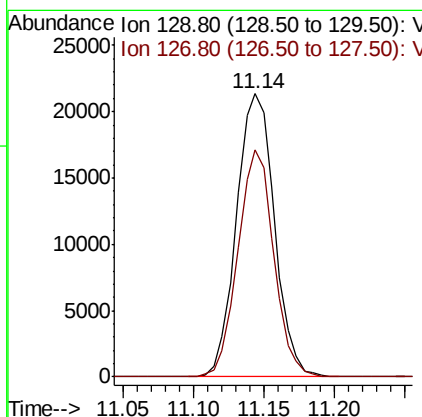
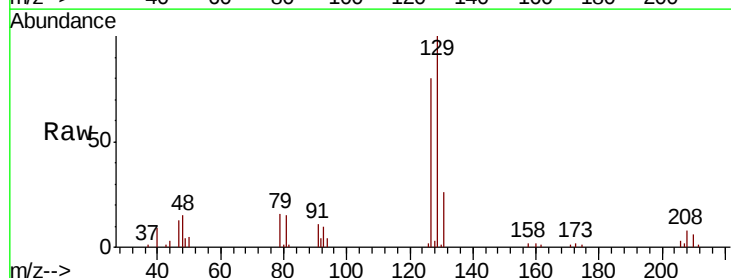
Instrument :
MSVOA_D
ClientSampleId :

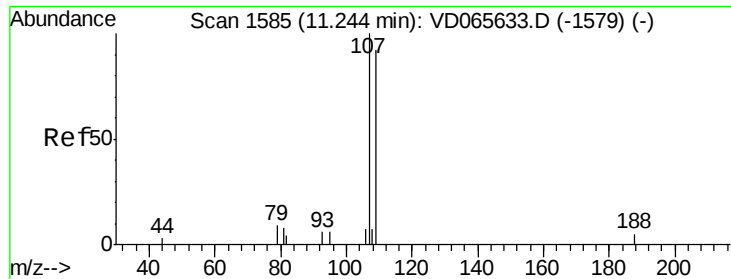
Tot Ion: 43 Resp: 72233
Ion Ratio Lower Upper
43 100
58 52.5 26.5 79.4



#60
Dibromochloromethane
Concen: 20.491 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

Tgt Ion: 129 Resp: 40140
Ion Ratio Lower Upper
129 100
127 75.9 38.8 116.3

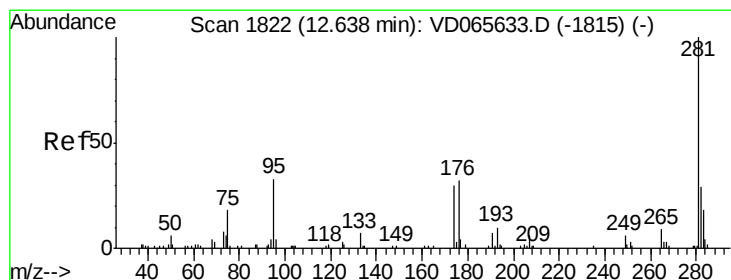
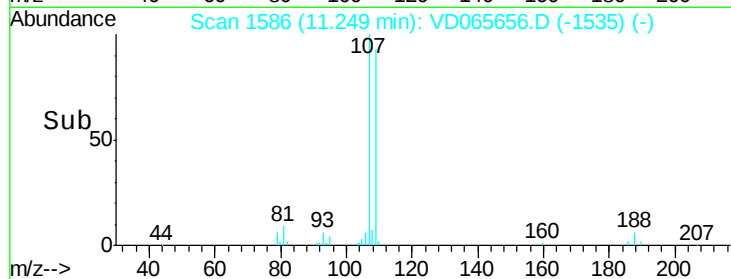
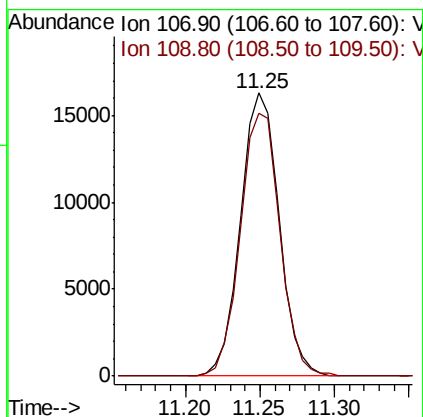
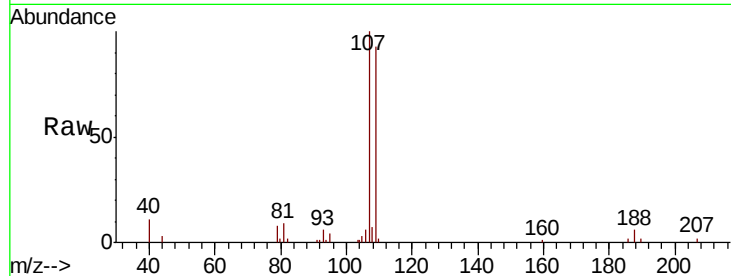




#61
 1,2-Dibromoethane
 Concen: 20.385 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065656.D
 Acq: 17 Apr 2020 20:45

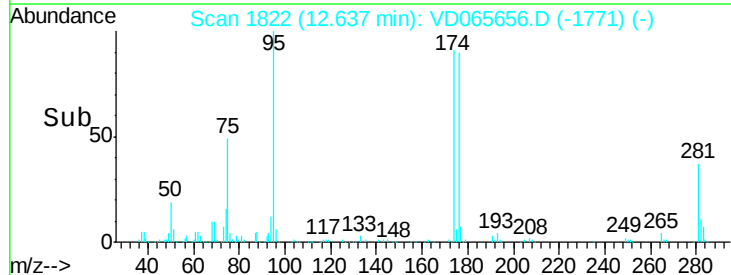
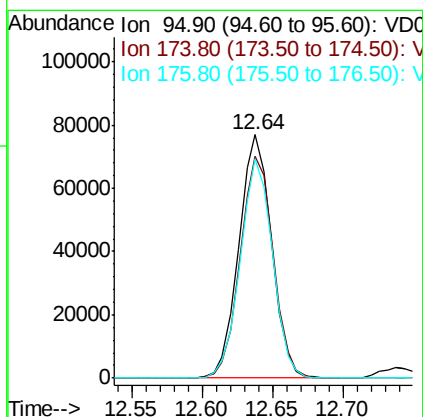
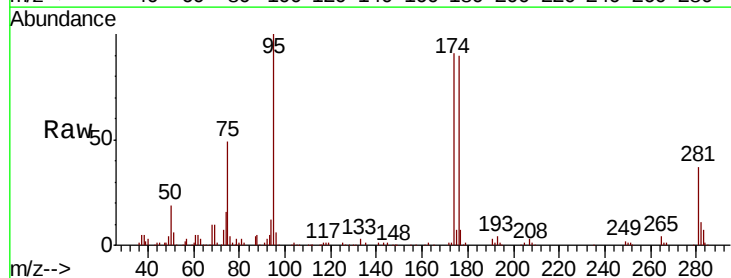
Instrument :
 MSVOA_D
 ClientSampleId :

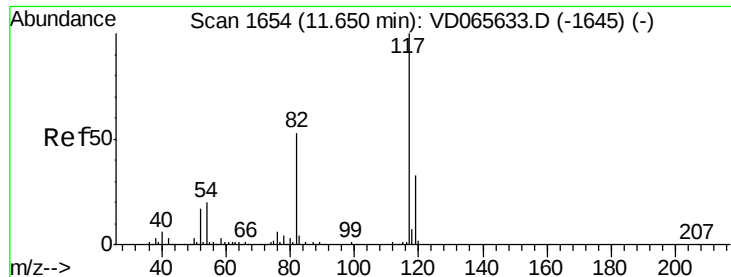
Tot Ion:107 Resp: 29174
 Ion Ratio Lower Upper
 107 100
 109 95.3 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 54.620 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065656.D
 Acq: 17 Apr 2020 20:45

Tgt Ion: 95 Resp: 124446
 Ion Ratio Lower Upper
 95 100
 174 92.2 0.0 183.8
 176 89.1 0.0 181.4

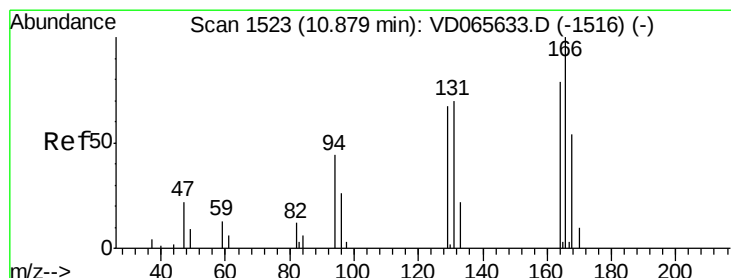
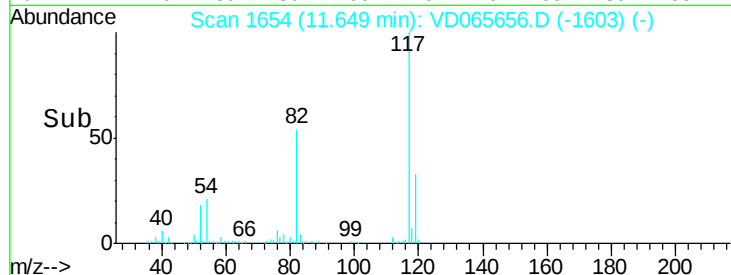
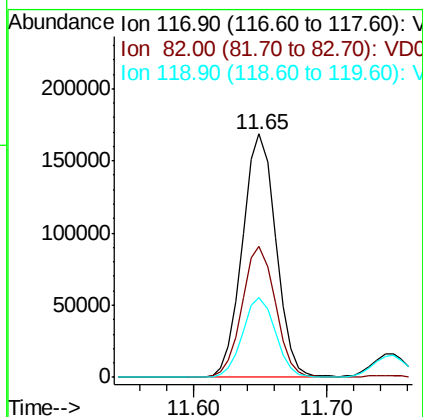
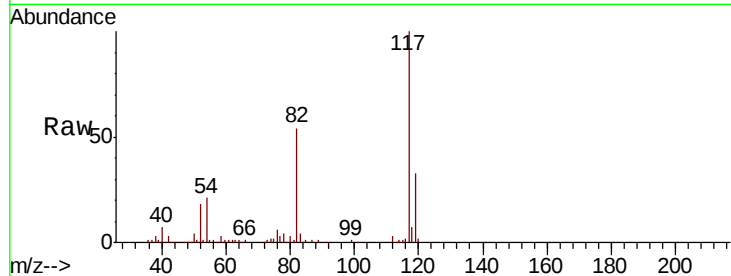




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

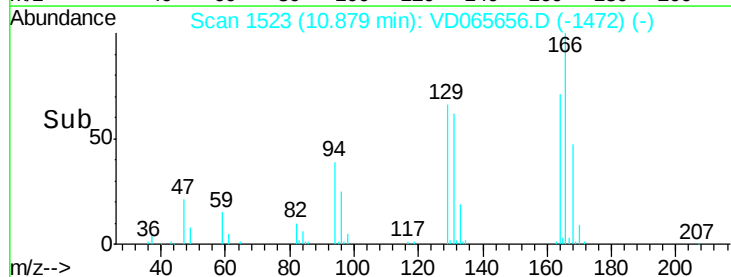
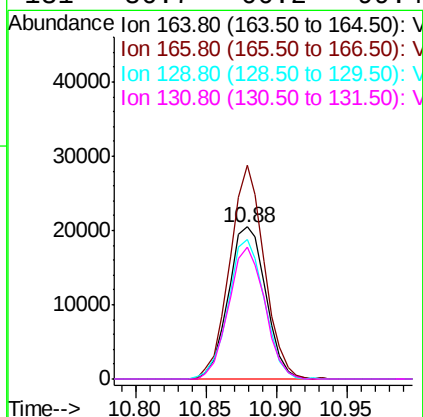
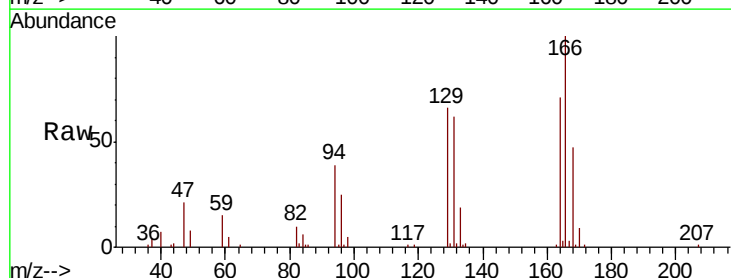
Instrument :
MSVOA_D
ClientSampleId :

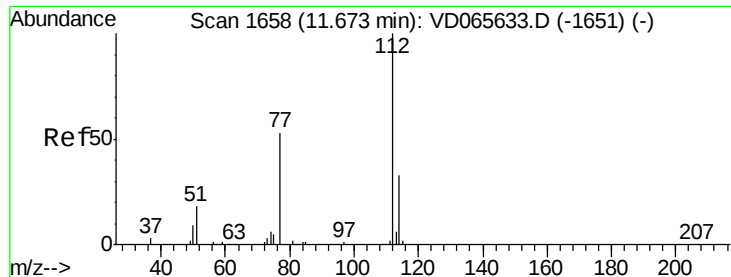
Tot Ion:117 Resp: 292874
Ion Ratio Lower Upper
117 100
82 53.8 43.2 64.8
119 32.7 26.2 39.4



#64
Tetrachloroethene
Concen: 17.990 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

Tgt Ion:164 Resp: 37804
Ion Ratio Lower Upper
164 100
166 140.3 102.3 153.5
129 91.9 71.7 107.5
131 86.7 66.2 99.4

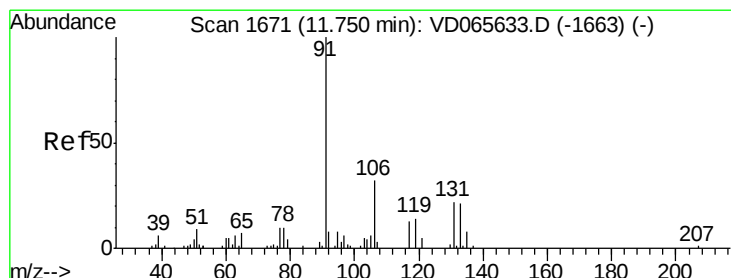
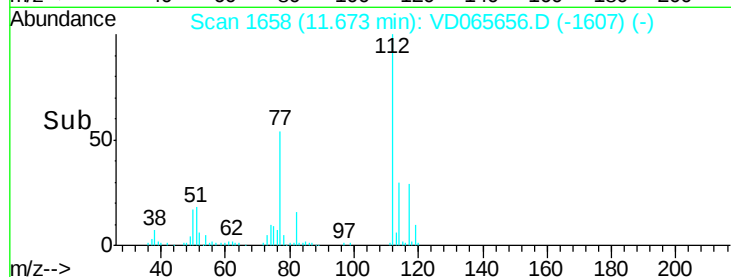
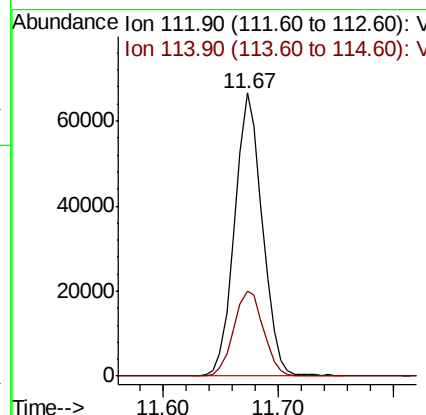
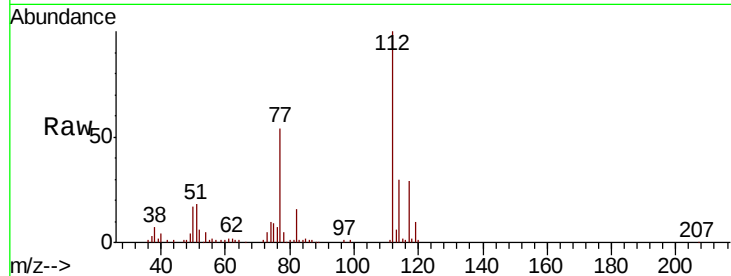




#65
Chlorobenzene
Concen: 19.078 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

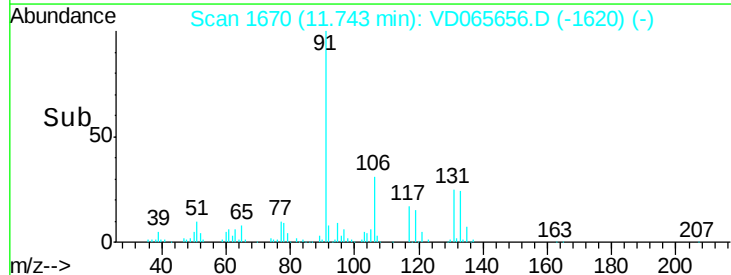
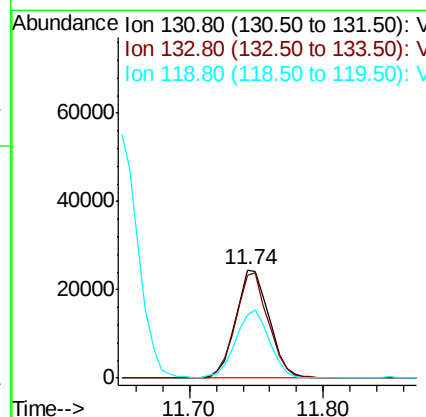
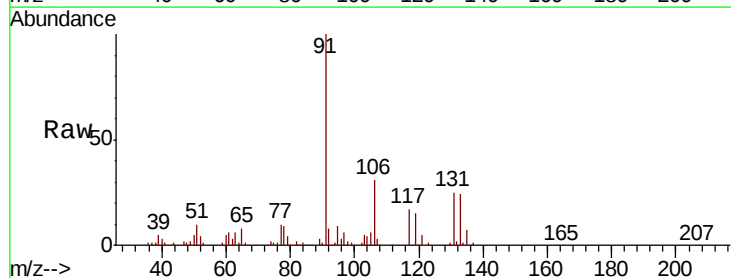
Instrument :
MSVOA_D
ClientSampleId :

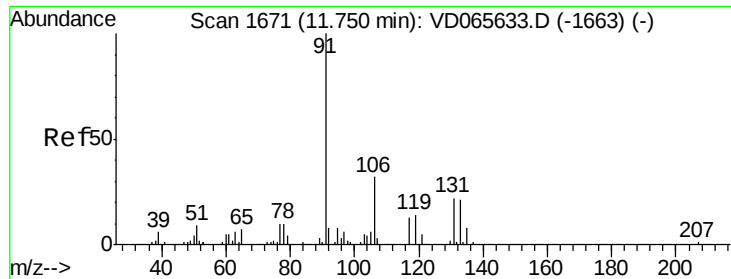
Tot Ion:112 Resp: 110627
Ion Ratio Lower Upper
112 100
114 30.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.410 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

Tgt Ion:131 Resp: 43032
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 62.6 32.6 97.7





#67

Ethyl Benzene

Concen: 17.968 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA_D

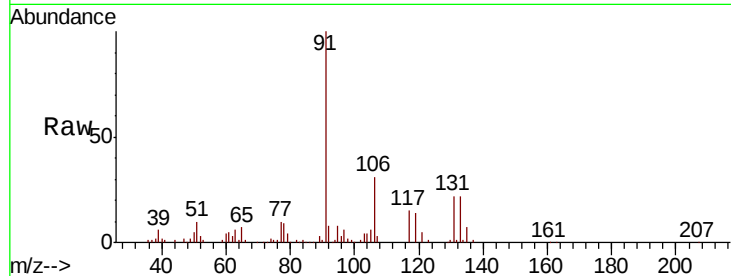
ClientSampleId :

Tot Ion: 91 Resp: 178062

Ion Ratio Lower Upper

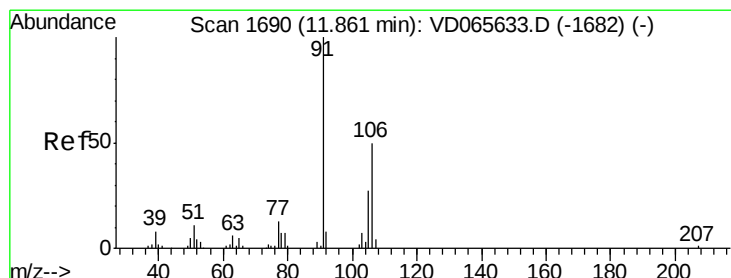
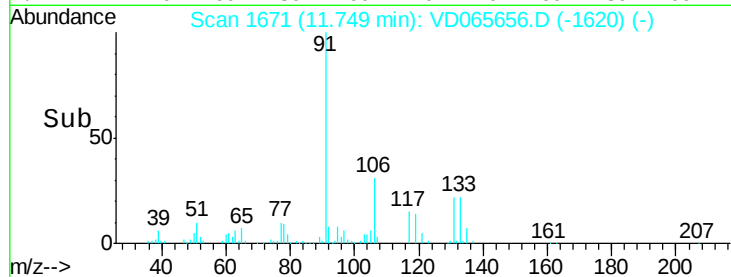
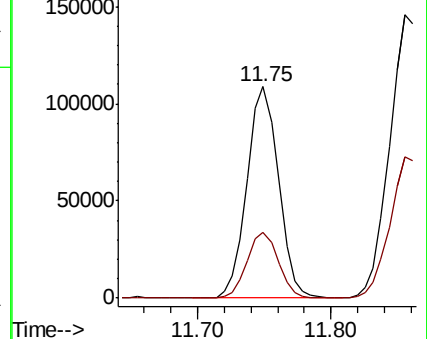
91 100

106 31.2 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 36.323 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065656.D

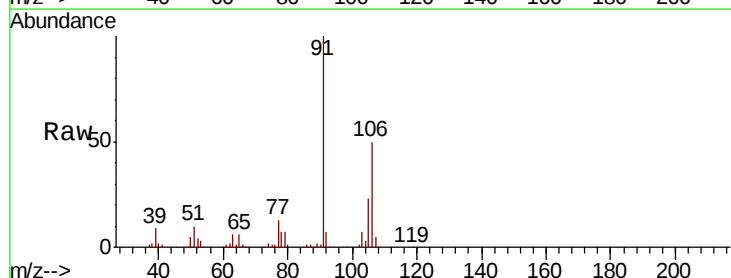
Acq: 17 Apr 2020 20:45

Tgt Ion: 106 Resp: 139065

Ion Ratio Lower Upper

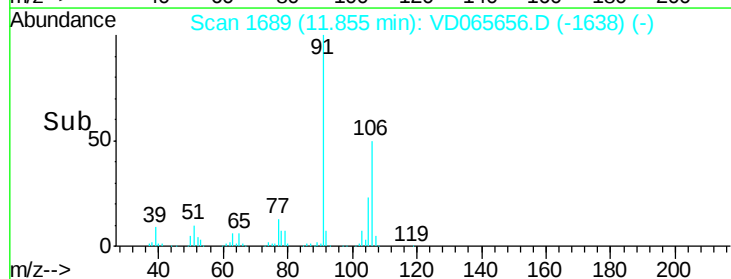
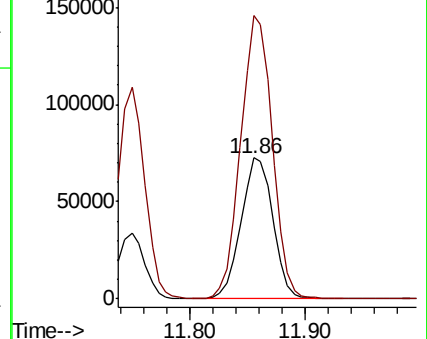
106 100

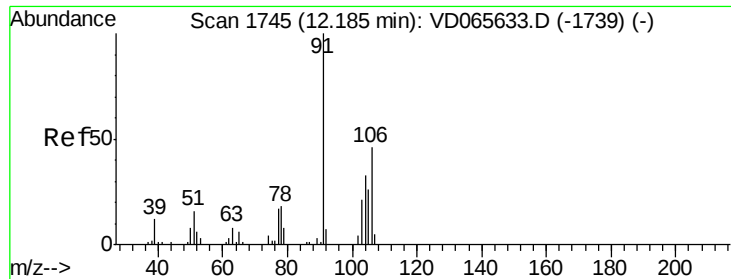
91 199.2 157.9 236.9



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

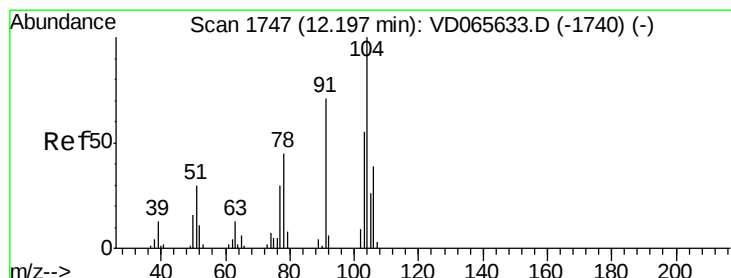
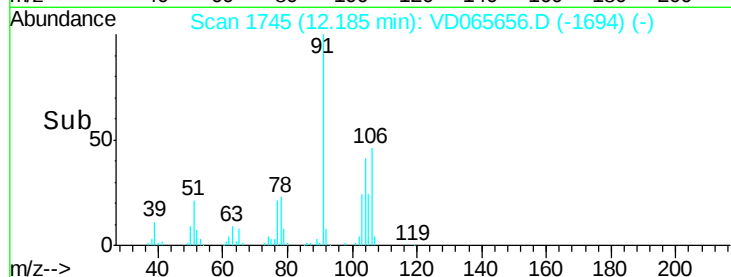
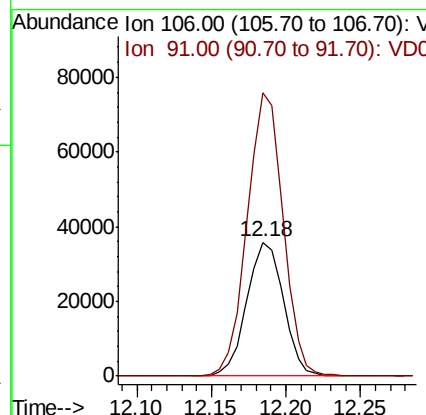
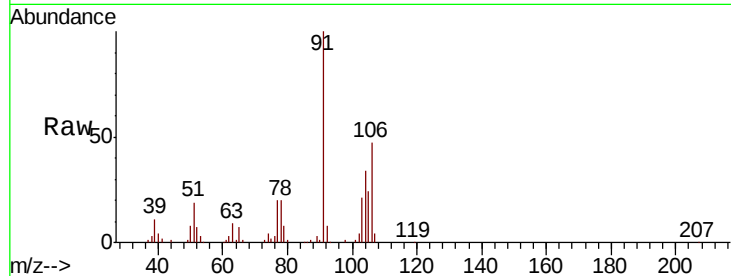




#69
o-Xylene
Concen: 18.115 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

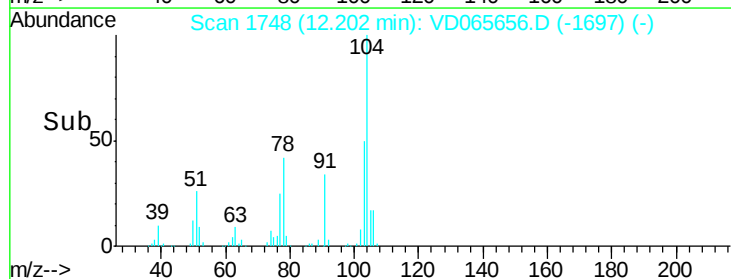
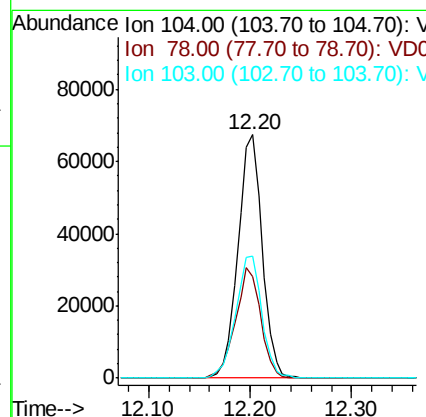
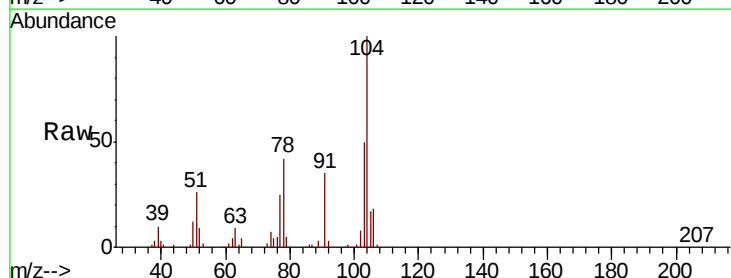
Instrument :
MSVOA_D
ClientSampled :

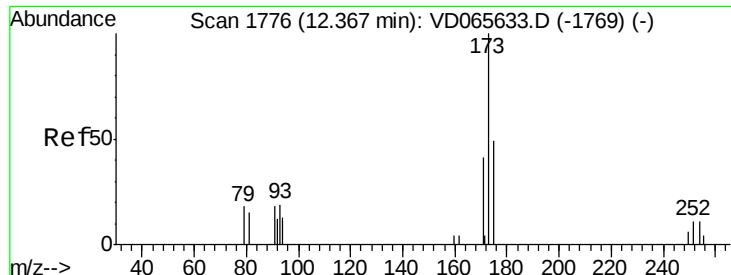
Tot Ion:106 Resp: 60852
Ion Ratio Lower Upper
106 100
91 207.7 103.6 310.9



#70
Styrene
Concen: 18.827 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

Tgt Ion:104 Resp: 111946
Ion Ratio Lower Upper
104 100
78 47.1 37.5 56.3
103 53.9 43.4 65.0

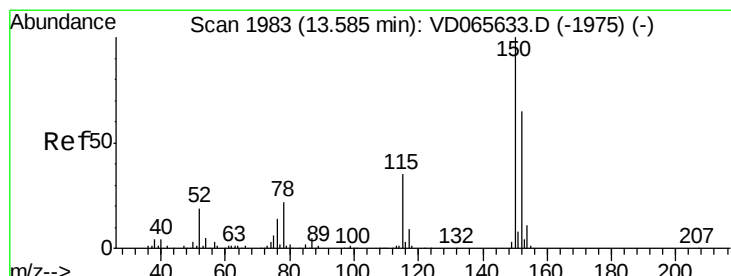
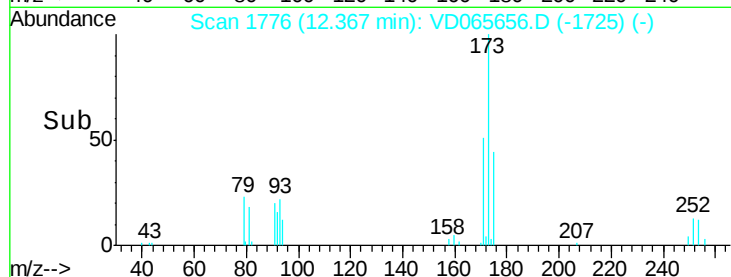
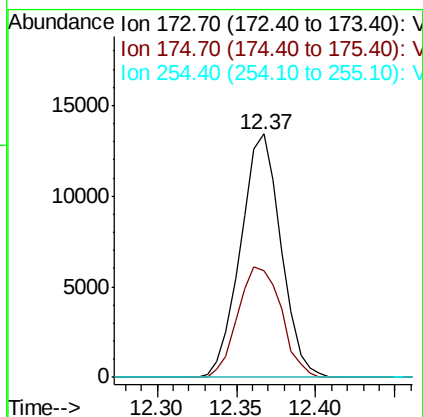
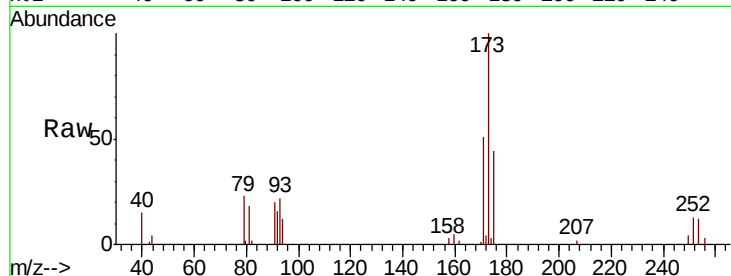




#71
Bromoform
Concen: 19.077 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

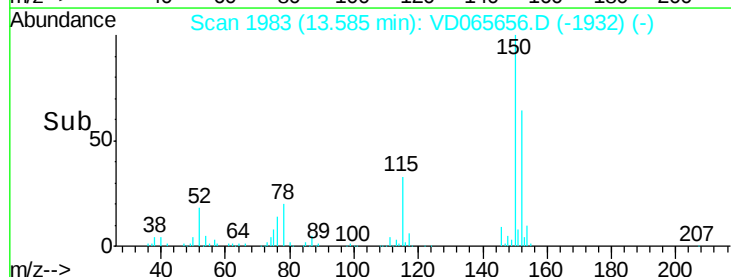
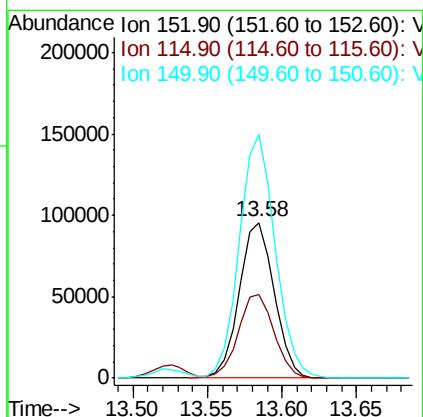
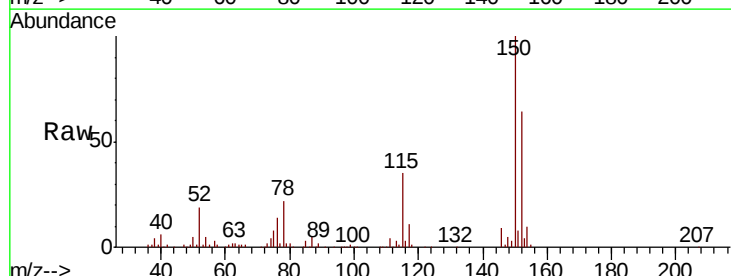
Instrument :
MSVOA_D
ClientSampleId :

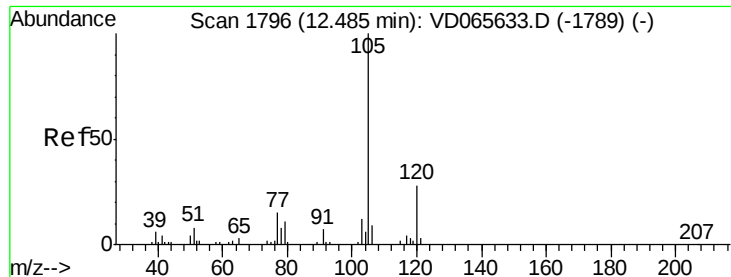
Tot Ion:173 Resp: 23761
Ion Ratio Lower Upper
173 100
175 48.8 25.1 75.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

Tgt Ion:152 Resp: 154947
Ion Ratio Lower Upper
152 100
115 55.0 27.6 82.7
150 160.9 0.0 346.0

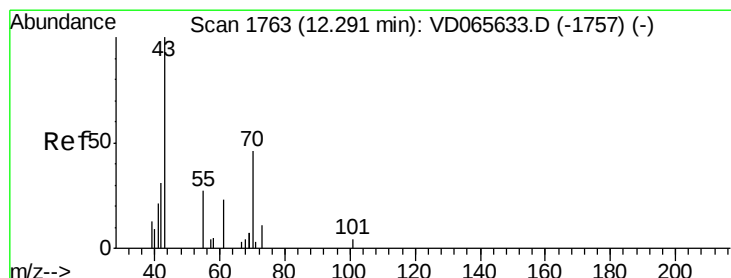
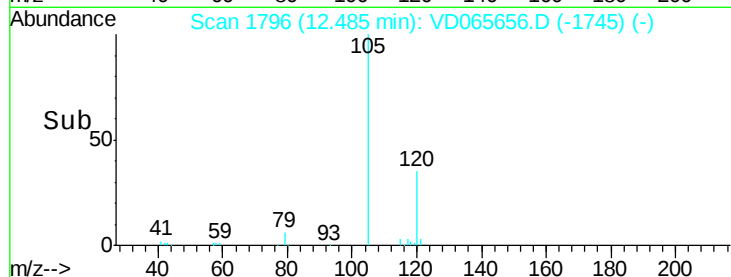
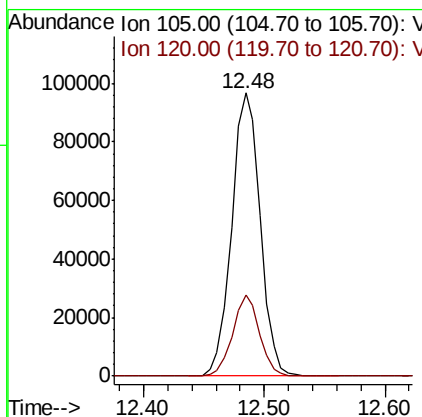
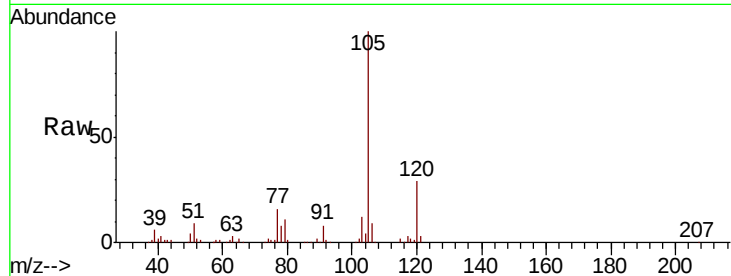




#73
Isopropylbenzene
Concen: 16.931 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

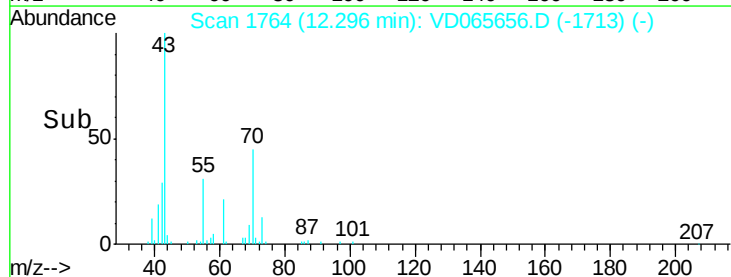
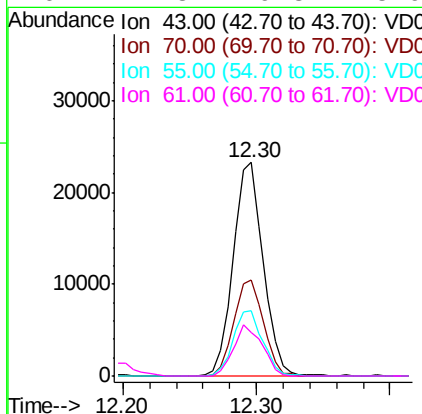
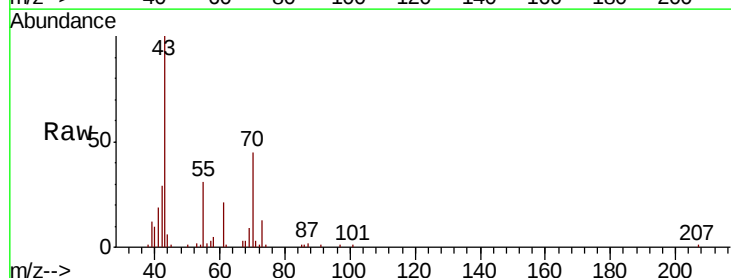
Instrument :
MSVOA_D
ClientSampled :

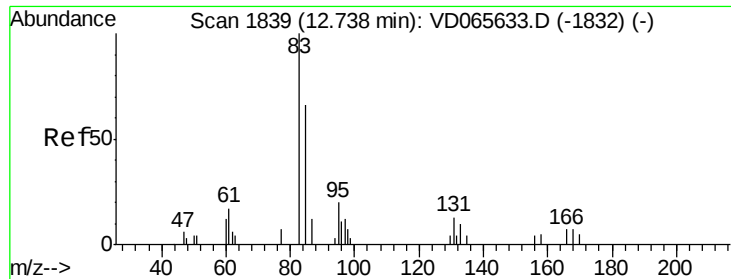
Tot Ion:105 Resp: 158226
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 18.538 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

Tgt Ion: 43 Resp: 36492
Ion Ratio Lower Upper
43 100
70 44.1 35.4 53.0
55 30.2 22.2 33.2
61 22.8 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.441 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA_D

ClientSampled :

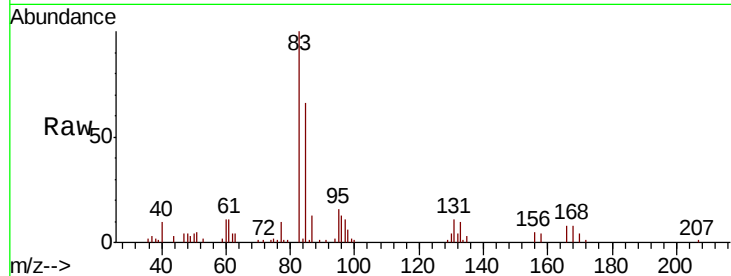
Tot Ion: 83 Resp: 34685

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.0

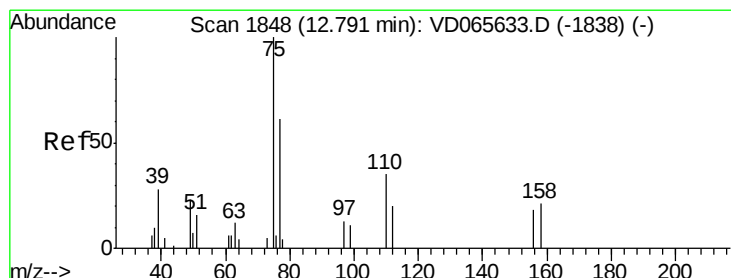
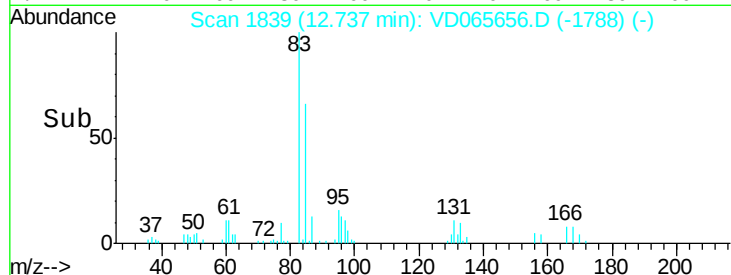
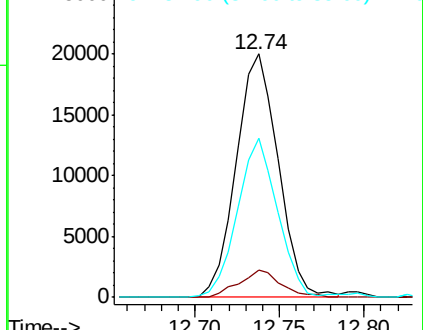
85 62.3 32.5 97.4



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: 34.694 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065656.D

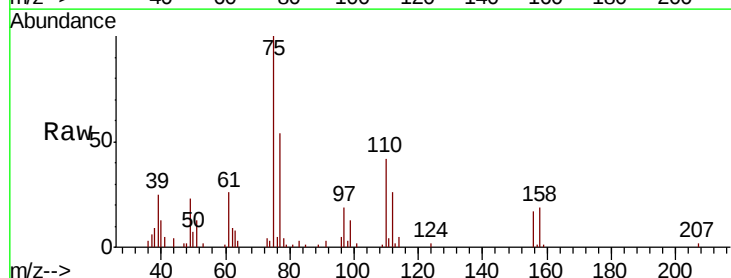
Acq: 17 Apr 2020 20:45

Tgt Ion: 75 Resp: 43222

Ion Ratio Lower Upper

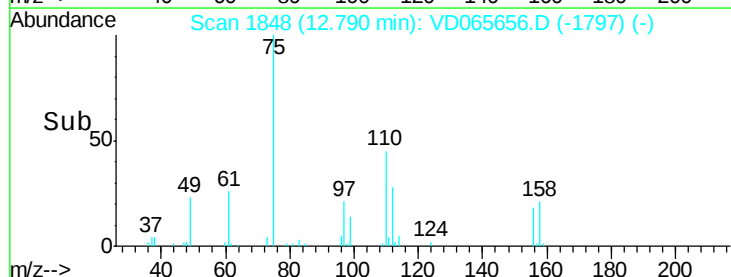
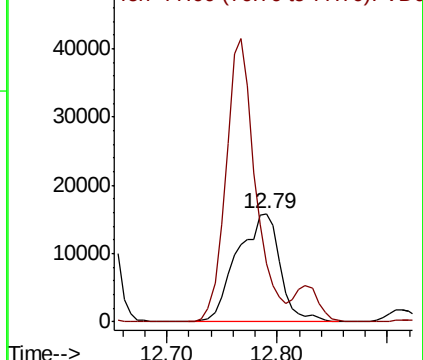
75 100

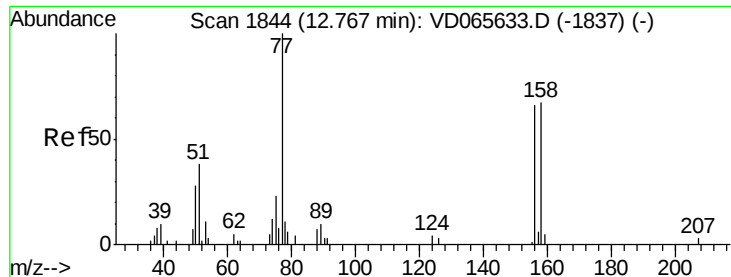
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 18.871 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

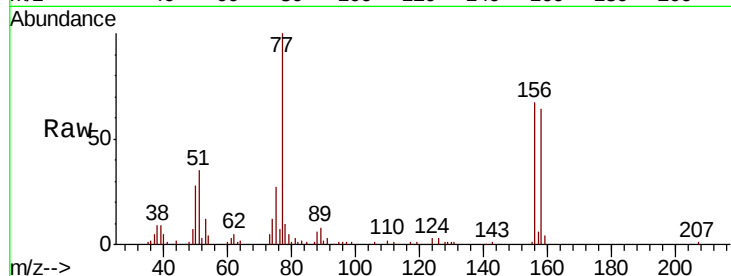
Tot Ion:156 Resp: 46833

Ion Ratio Lower Upper

156 100

77 166.1 84.7 254.1

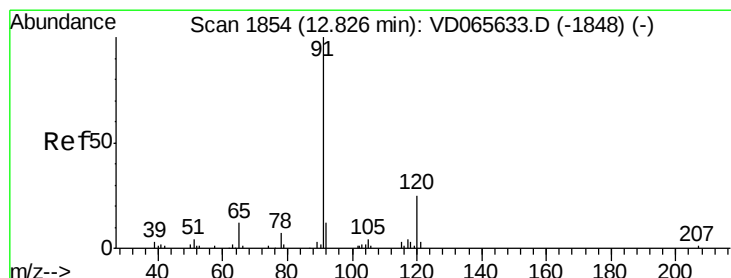
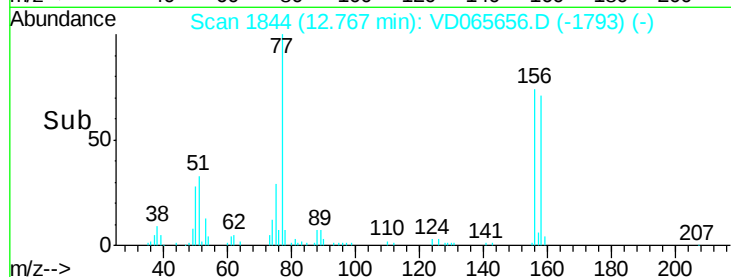
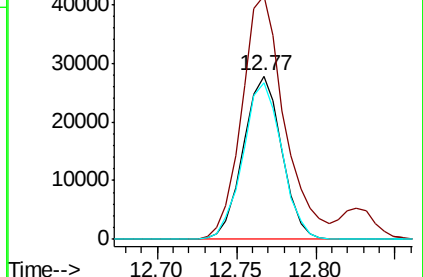
158 97.4 48.5 145.5



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: 17.829 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065656.D

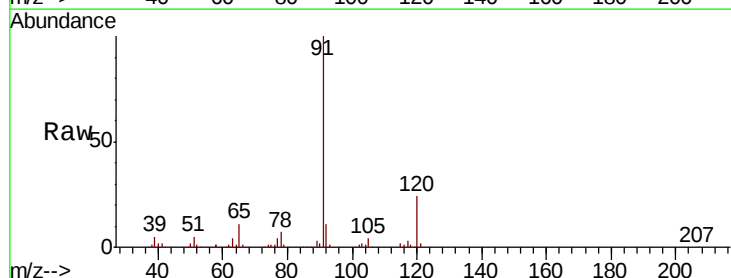
Acq: 17 Apr 2020 20:45

Tgt Ion: 91 Resp: 201562

Ion Ratio Lower Upper

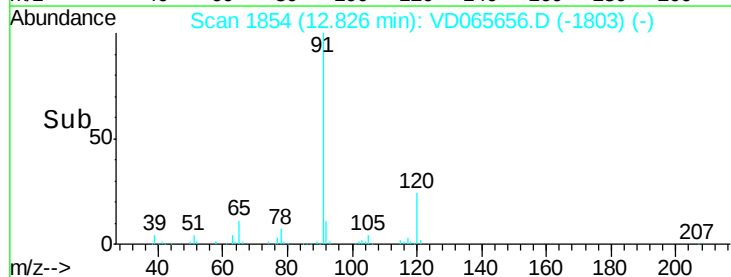
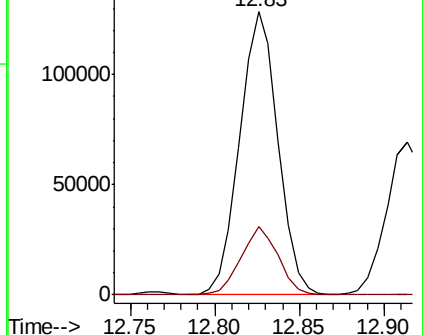
91 100

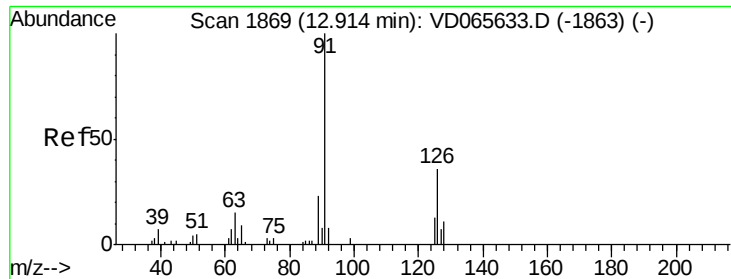
120 23.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

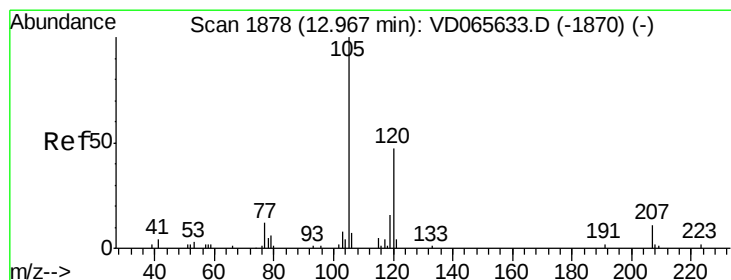
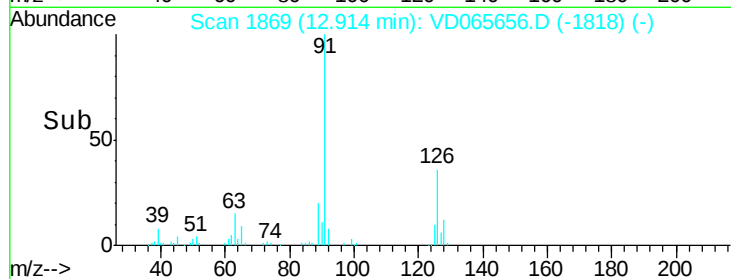
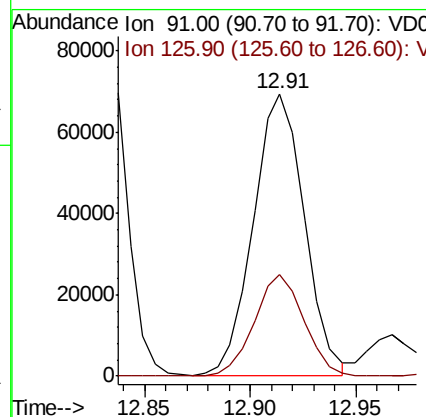
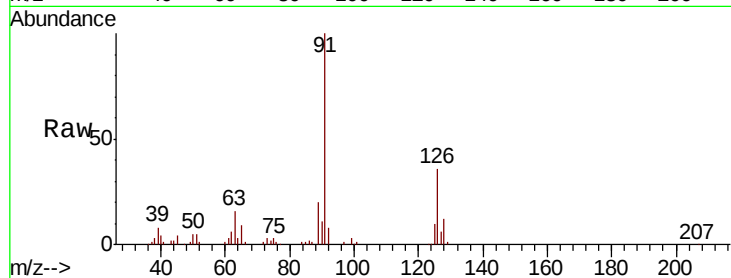




#79
2-Chlorotoluene
Concen: 18.128 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

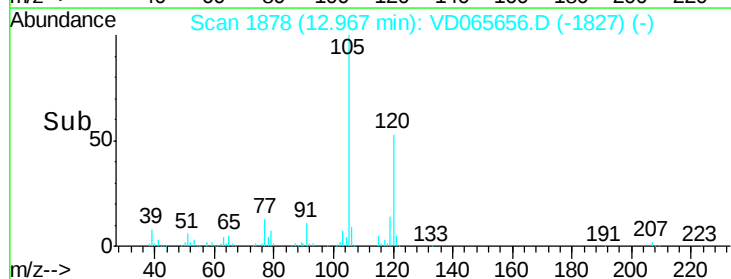
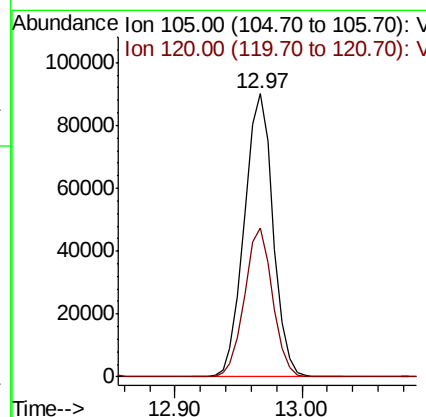
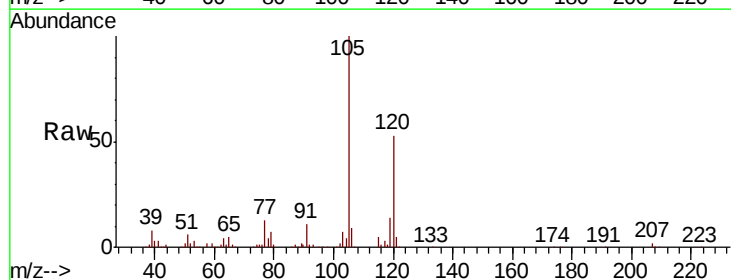
Instrument :
MSVOA_D
ClientSampleId :

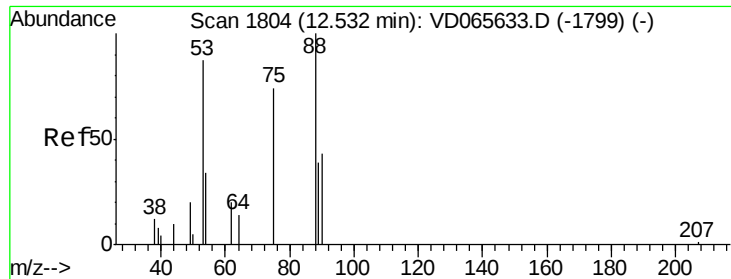
Tot Ion: 91 Resp: 116386
Ion Ratio Lower Upper
91 100
126 35.0 17.8 53.3



#80
1,3,5-Trimethylbenzene
Concen: 17.914 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

Tgt Ion: 105 Resp: 141281
Ion Ratio Lower Upper
105 100
120 51.4 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.186 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.01 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

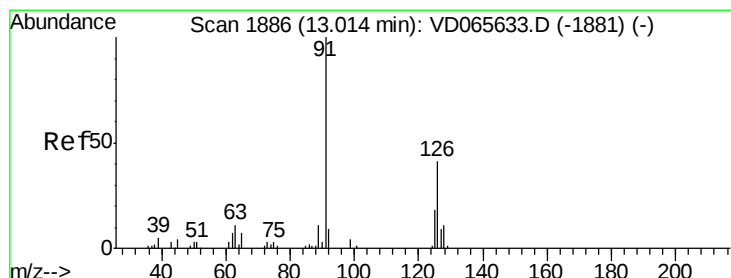
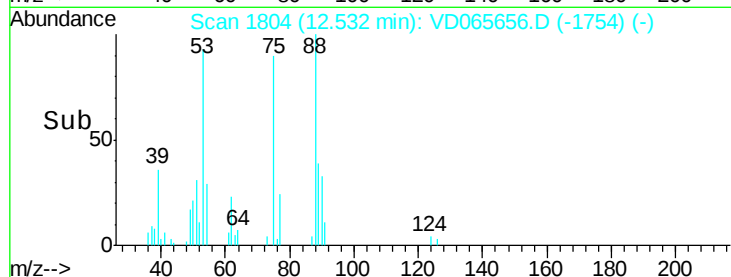
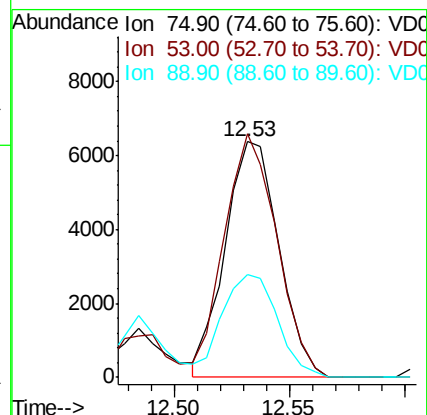
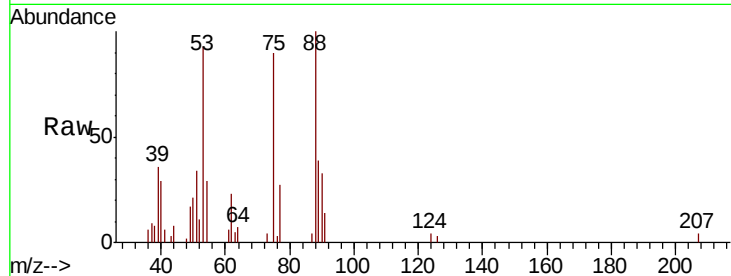
Tot Ion: 75 Resp: 10338

Ion Ratio Lower Upper

75 100

53 102.1 76.8 115.2

89 45.0 36.1 54.1



#82

4-Chlorotoluene

Concen: 18.176 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD065656.D

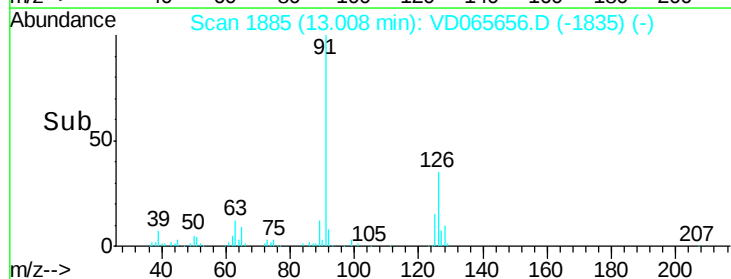
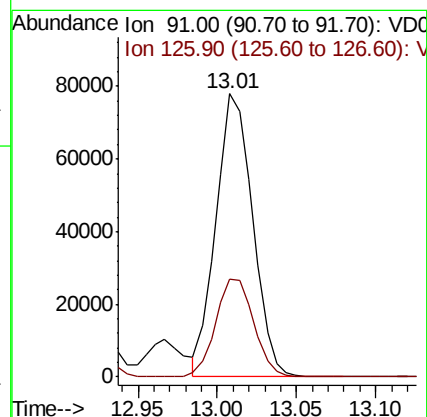
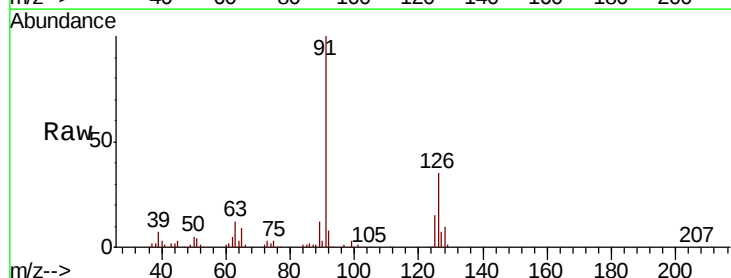
Acq: 17 Apr 2020 20:45

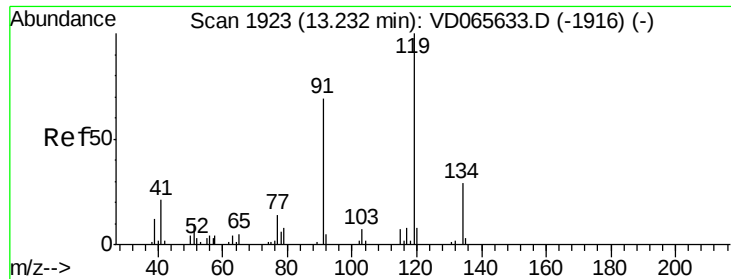
Tgt Ion: 91 Resp: 125572

Ion Ratio Lower Upper

91 100

126 36.0 17.5 52.6

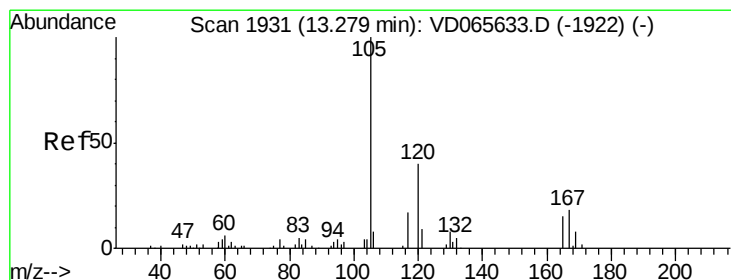
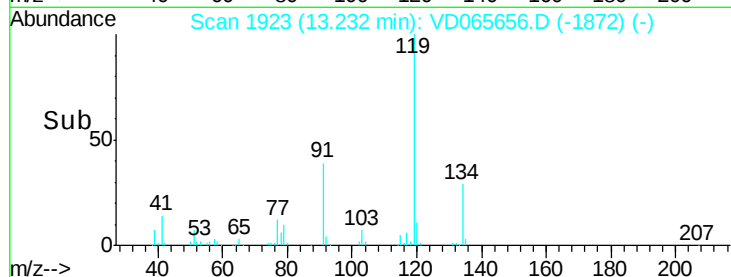
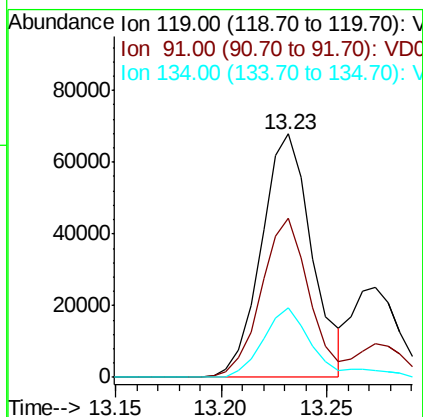
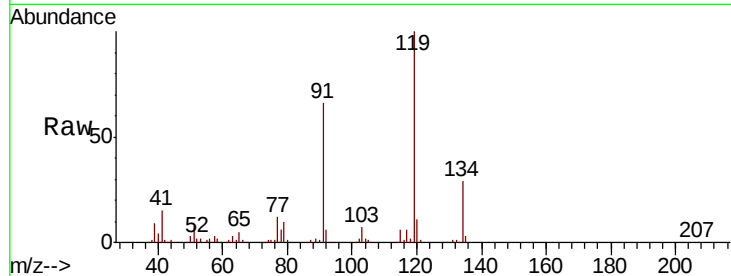




#83
tert-Butylbenzene
Concen: 17.133 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

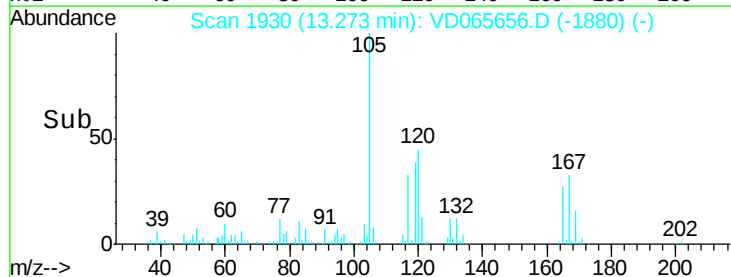
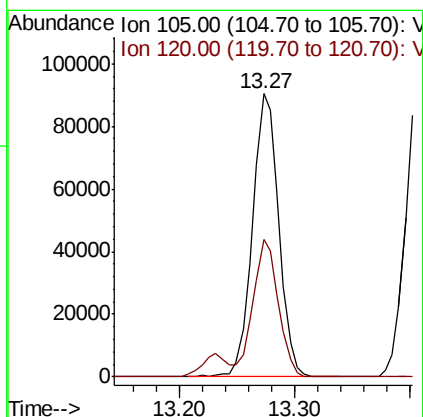
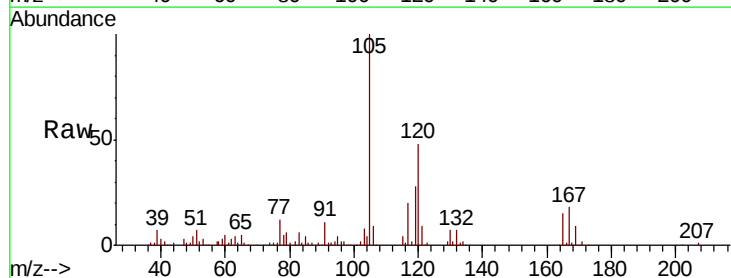
Instrument :
MSVOA_D
ClientSampleId :

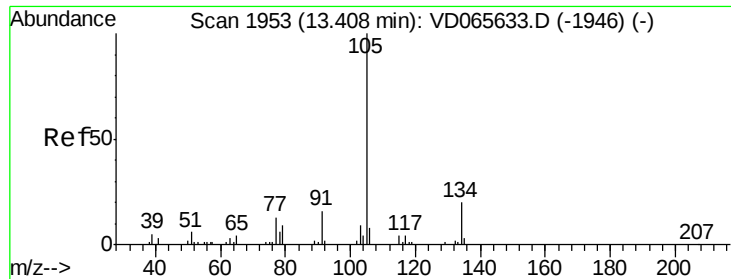
Tot Ion:119 Resp: 113295
Ion Ratio Lower Upper
119 100
91 61.7 31.7 95.1
134 29.0 14.0 41.9



#84
1,2,4-Trimethylbenzene
Concen: 18.239 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.01 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

Tgt Ion:105 Resp: 143406
Ion Ratio Lower Upper
105 100
120 47.3 23.5 70.6

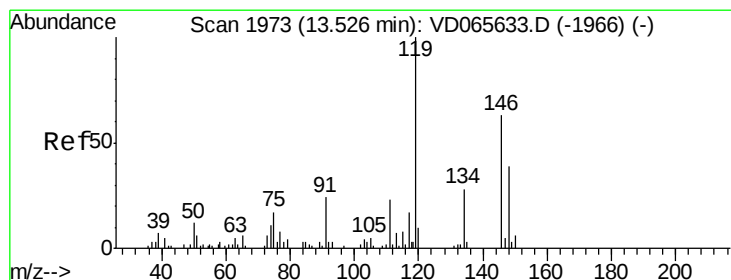
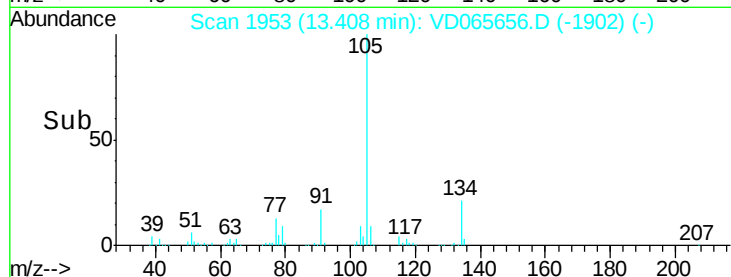
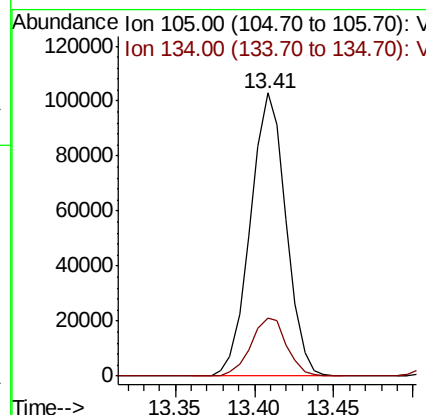
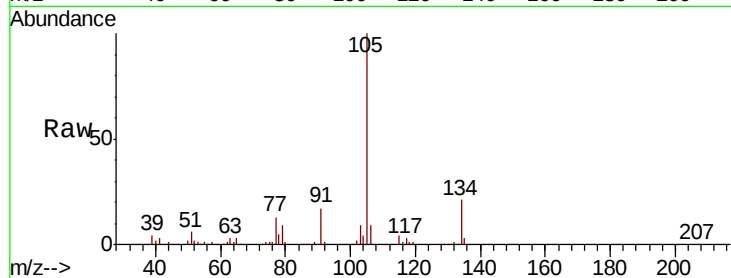




#85
 sec-Butylbenzene
 Concen: 16.946 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065656.D
 Acq: 17 Apr 2020 20:45

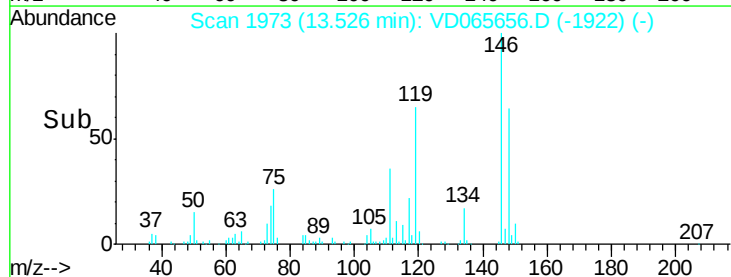
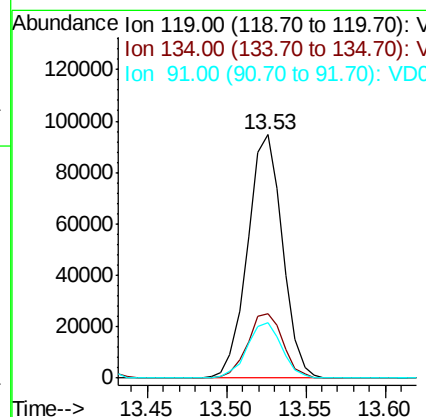
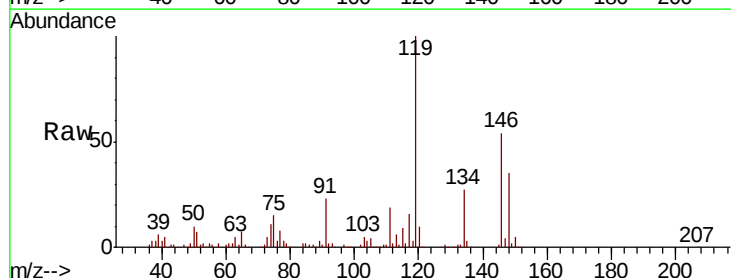
Instrument :
 MSVOA_D
 ClientSampleId :

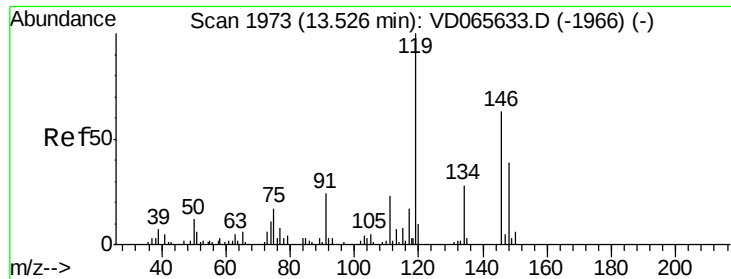
Tot Ion:105 Resp: 160310
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 16.278 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065656.D
 Acq: 17 Apr 2020 20:45

Tgt Ion:119 Resp: 144524
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 22.7 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 17.531 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

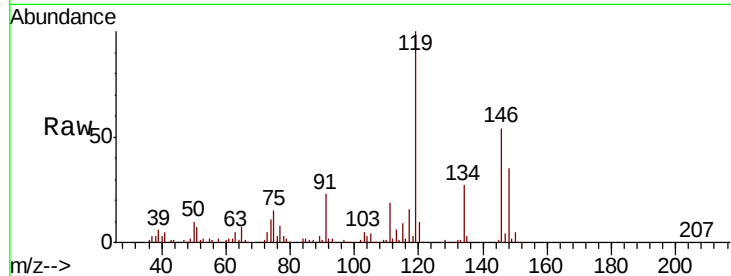
Tot Ion:146 Resp: 85182

Ion Ratio Lower Upper

146 100

111 37.1 18.6 55.6

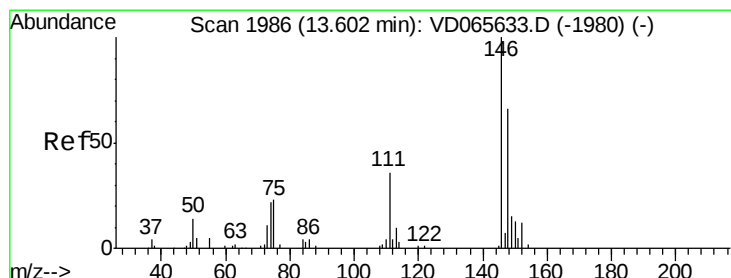
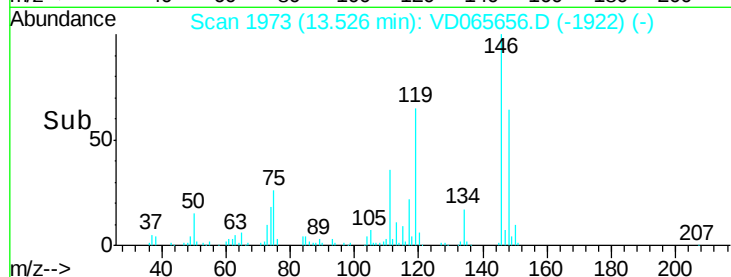
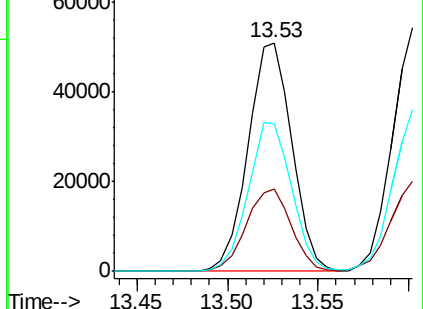
148 64.8 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.164 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

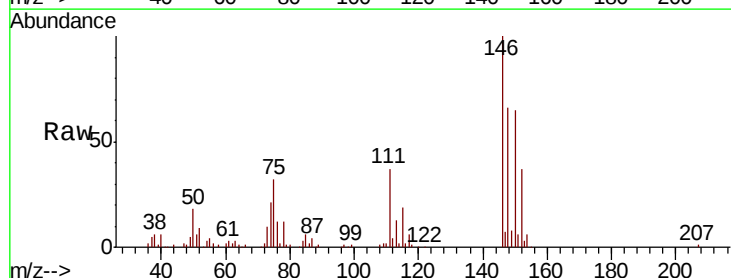
Tgt Ion:146 Resp: 87849

Ion Ratio Lower Upper

146 100

111 37.9 18.0 54.0

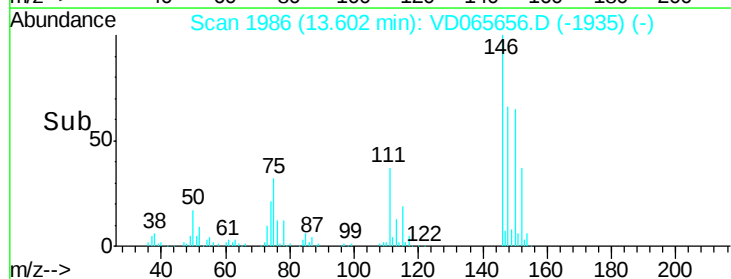
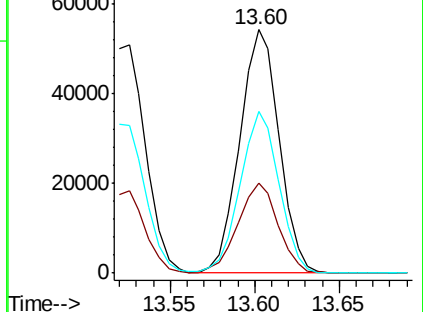
148 65.7 31.4 94.2

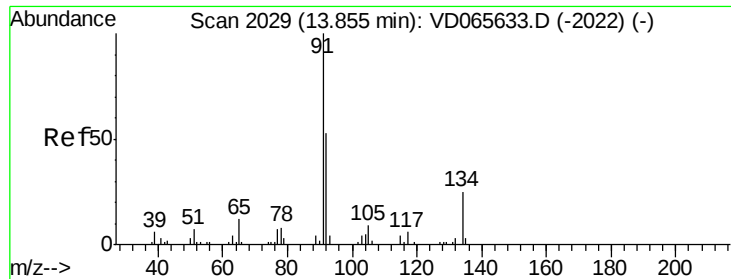


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

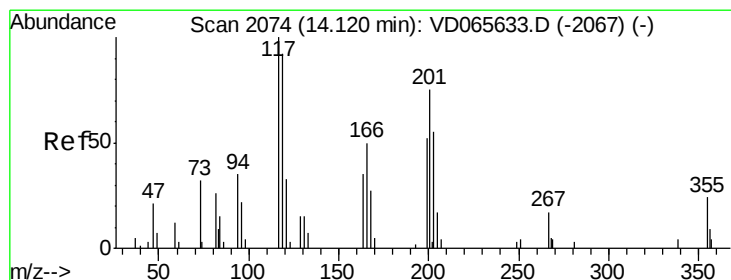
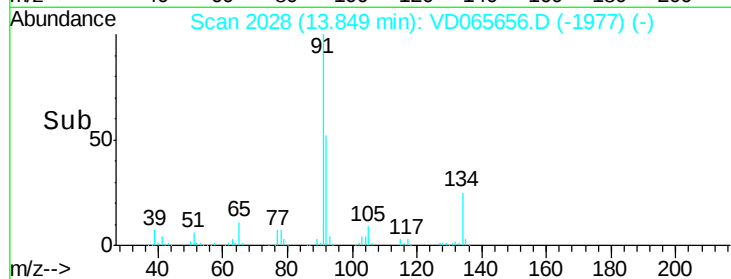
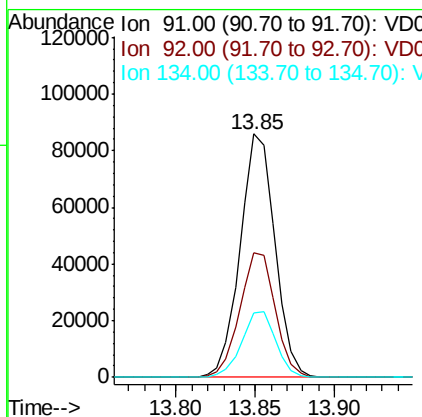
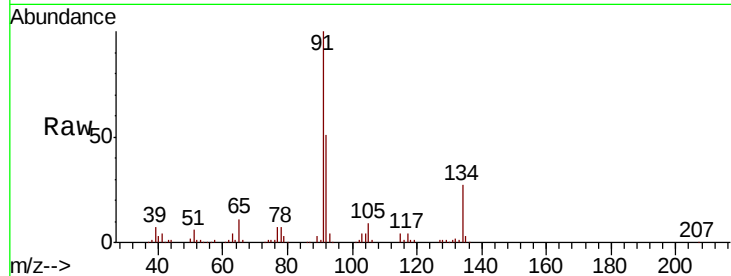




#89
n-Butylbenzene
Concen: 16.224 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

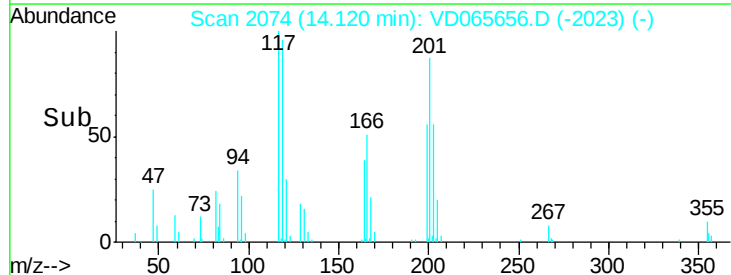
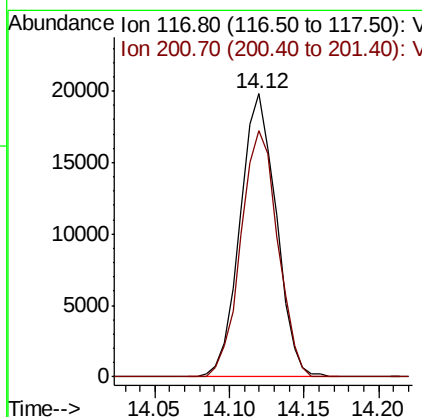
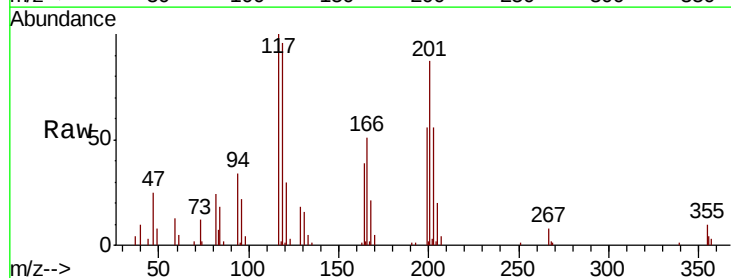
Instrument :
MSVOA_D
ClientSampleId :

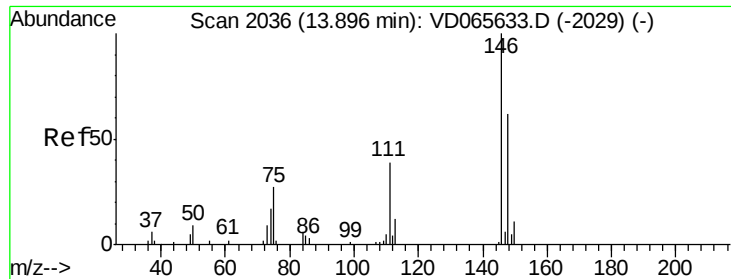
Tot Ion: 91 Resp: 130735
Ion Ratio Lower Upper
91 100
92 52.3 26.9 80.6
134 26.4 13.6 40.8



#90
Hexachloroethane
Concen: 17.845 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

Tgt Ion: 117 Resp: 33227
Ion Ratio Lower Upper
117 100
201 88.7 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 18.949 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

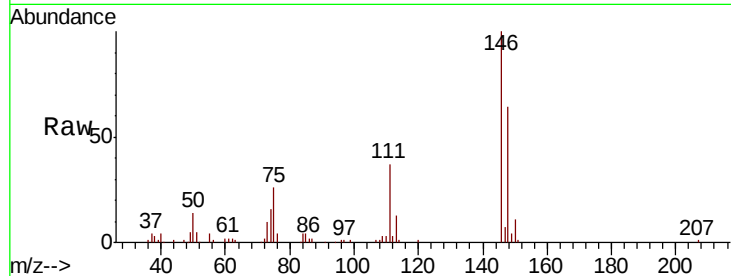
Tot Ion:146 Resp: 78946

Ion Ratio Lower Upper

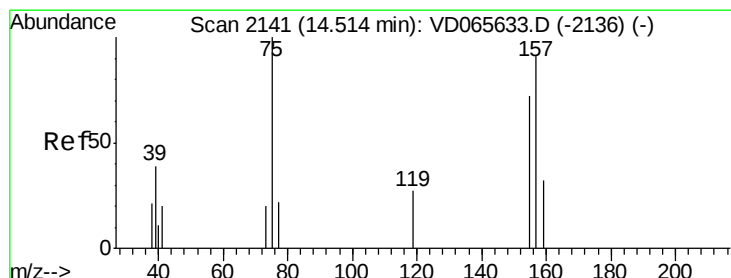
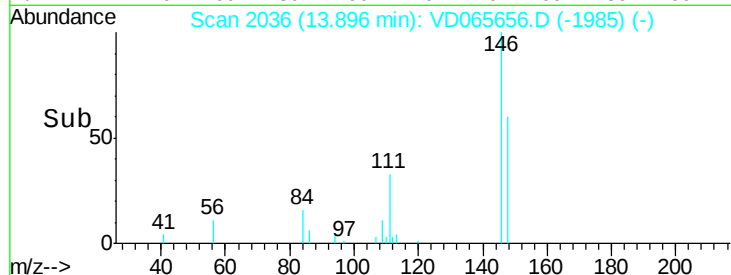
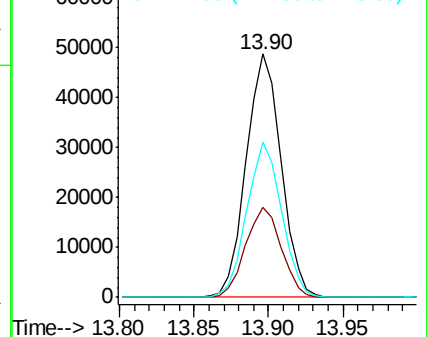
146 100

111 37.6 19.3 57.9

148 63.6 32.0 96.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.765 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. -0.01 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

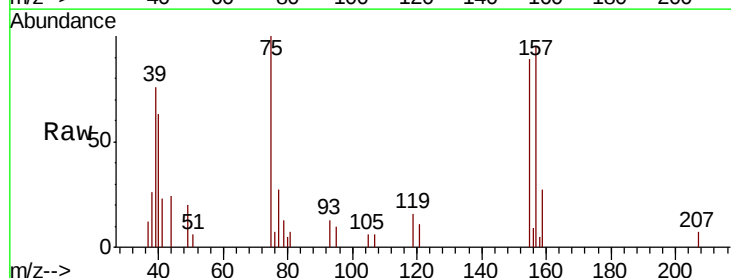
Tgt Ion: 75 Resp: 5072

Ion Ratio Lower Upper

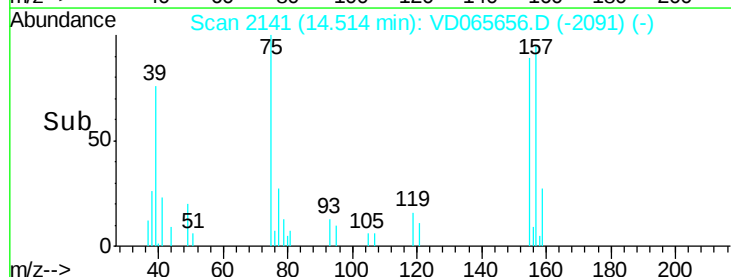
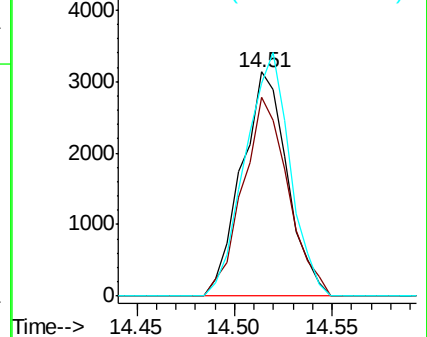
75 100

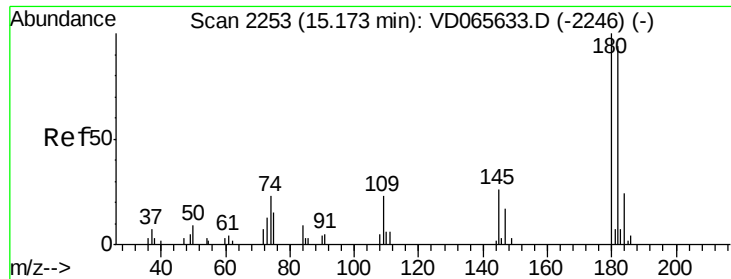
155 88.1 48.0 144.2

157 106.5 59.2 177.6



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

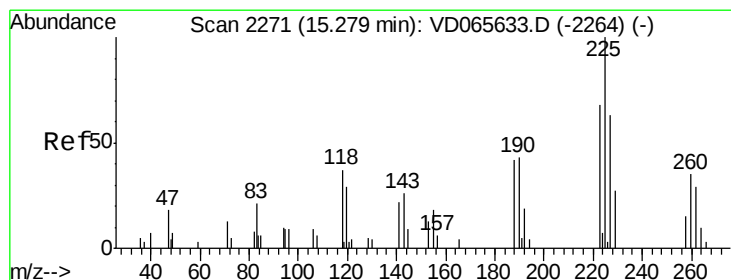
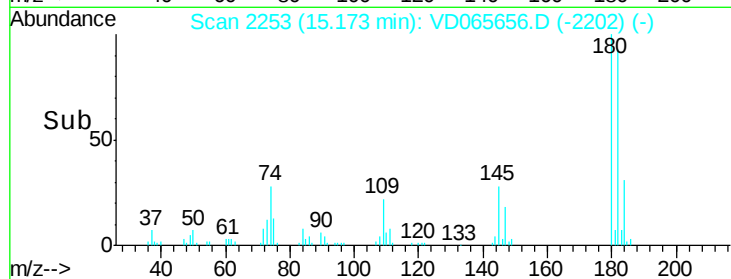
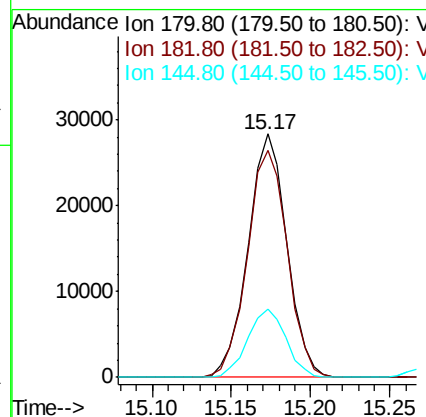
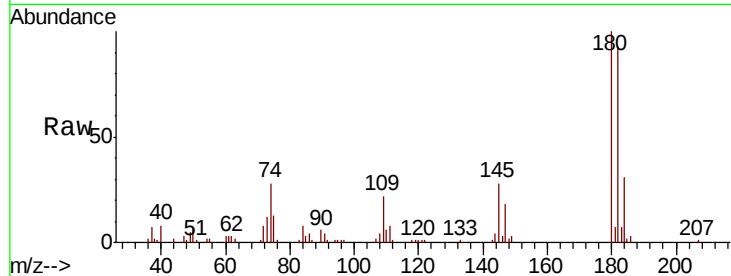




#93
 1,2,4-Trichlorobenzene
 Concen: 16.826 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD065656.D
 Acq: 17 Apr 2020 20:45

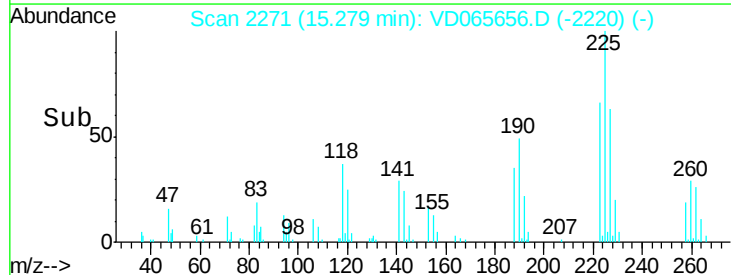
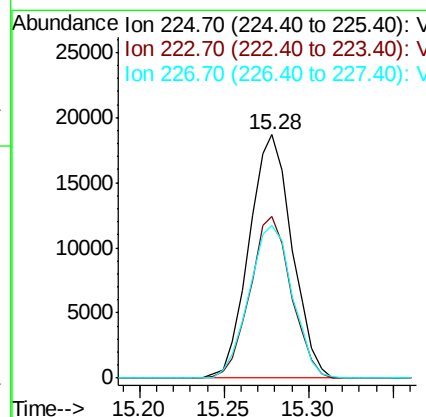
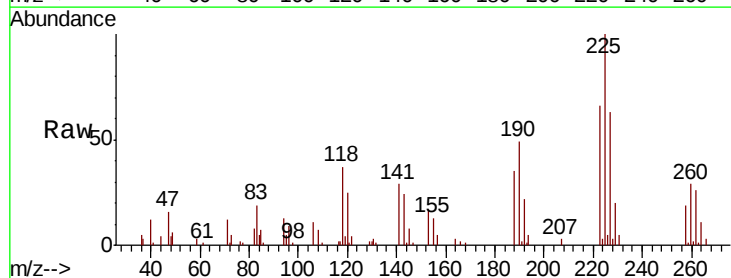
Instrument :
 MSVOA_D
 ClientSampleId :

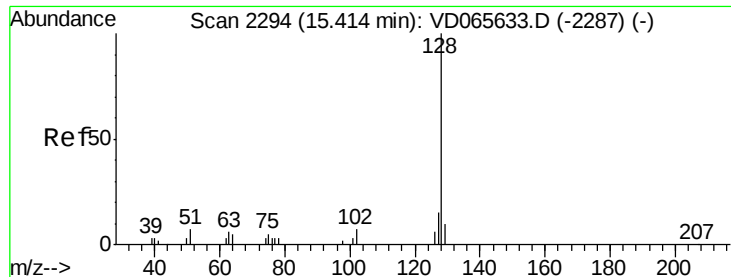
Tot Ion:180 Resp: 48218
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.9 146.6
 145 27.6 13.8 41.3



#94
 Hexachlorobutadiene
 Concen: 16.788 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD065656.D
 Acq: 17 Apr 2020 20:45

Tgt Ion:225 Resp: 32985
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.9 95.5
 227 63.7 32.0 96.2

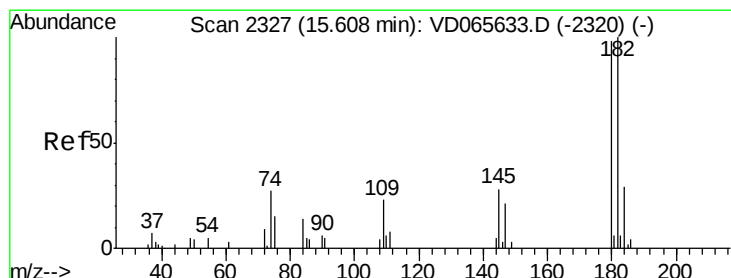
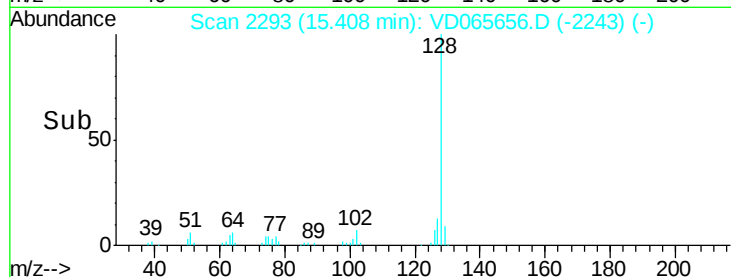
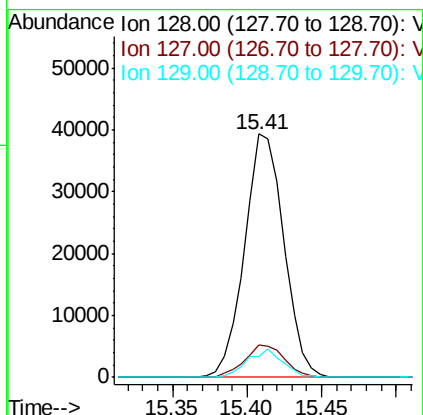
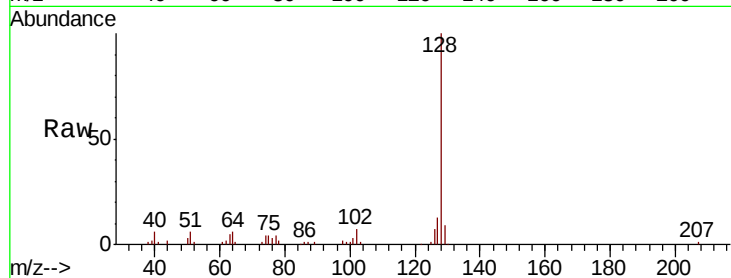




#95
Naphthalene
Concen: 17.487 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 71593
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.559 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065656.D
Acq: 17 Apr 2020 20:45

Tgt Ion:180 Resp: 44393
Ion Ratio Lower Upper
180 100
182 96.2 47.8 143.3
145 30.2 15.0 45.0

