

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042420\
 Data File : VD065672.D
 Acq On : 24 Apr 2020 12:34
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 24 14:05:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 13:58:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	187157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	268430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	250430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	134242	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	19962	10.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.56%	
35) Dibromofluoromethane	7.92	113	19038	10.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.36%	
50) Toluene-d8	10.34	98	66167	10.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.30%	
62) 4-Bromofluorobenzene	12.64	95	20925	9.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	17299	10.303	ug/l	92
3) Chloromethane	2.21	50	22323	10.619	ug/l	99
4) Vinyl Chloride	2.35	62	23535	10.134	ug/l	97
5) Bromomethane	2.77	94	14870	10.448	ug/l	95
6) Chloroethane	2.92	64	14799	10.502	ug/l	97
7) Trichlorofluoromethane	3.27	101	34229	10.505	ug/l	99
8) Diethyl Ether	3.71	74	9849	10.395	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.08	101	20205	10.435	ug/l	99
10) Methyl Iodide	4.30	142	12011	9.368	ug/l	99
11) Tert butyl alcohol	5.26	59	4354	51.604	ug/l #	87
12) 1,1-Dichloroethene	4.05	96	19931	10.336	ug/l	97
13) Acrolein	3.93	56	6652	48.280	ug/l	99
14) Allyl chloride	4.71	41	25580	10.117	ug/l	98
15) Acrylonitrile	5.43	53	18702	53.779	ug/l	97
16) Acetone	4.16	43	23336	51.882	ug/l	97
17) Carbon Disulfide	4.39	76	52554	10.354	ug/l	100
18) Methyl Acetate	4.73	43	10015	10.322	ug/l	97
19) Methyl tert-butyl Ether	5.49	73	31056	10.029	ug/l	98
20) Methylene Chloride	4.96	84	20540	10.487	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	18407	10.256	ug/l	92
22) Diisopropyl ether	6.37	45	53308	10.424	ug/l	94
23) Vinyl Acetate	6.31	43	137980	50.740	ug/l	97
24) 1,1-Dichloroethane	6.27	63	36613	10.743	ug/l	97
25) 2-Butanone	7.23	43	25464	53.685	ug/l	97
26) 2,2-Dichloropropane	7.21	77	33599	10.589	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	19868	10.384	ug/l	97
28) Bromochloromethane	7.55	49	14229	10.172	ug/l	97
29) Tetrahydrofuran	7.57	42	14876	52.780	ug/l	100
30) Chloroform	7.71	83	39266	10.791	ug/l	100
31) Cyclohexane	7.98	56	32993	10.258	ug/l #	88
32) 1,1,1-Trichloroethane	7.90	97	35524	10.735	ug/l	99
36) 1,1-Dichloropropene	8.11	75	29795	10.522	ug/l	98
37) Ethyl Acetate	7.30	43	10736	9.761	ug/l	97
38) Carbon Tetrachloride	8.10	117	34551	10.619	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	28703	9.857	ug/l	91
40) Benzene	8.36	78	79966	10.284	ug/l	100
41) Methacrylonitrile	7.54	41	5686	9.928	ug/l #	97
42) 1,2-Dichloroethane	8.43	62	25590	10.490	ug/l	100
43) Isopropyl Acetate	8.46	43	21157	10.554	ug/l #	81
44) Trichloroethene	9.11	130	22889	10.411	ug/l	98
45) 1,2-Dichloropropane	9.39	63	20839	10.518	ug/l	92
46) Dibromomethane	9.48	93	10964	10.676	ug/l	98
47) Bromodichloromethane	9.67	83	29263	10.371	ug/l	93
48) Methyl methacrylate	9.46	41	9949	10.217	ug/l	97
49) 1,4-Dioxane	9.47	88	2301	215.131	ug/l	99
51) 4-Methyl-2-Pentanone	10.24	43	53741	52.284	ug/l	99
52) Toluene	10.41	92	49435	10.471	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	24880	10.452	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	30051	10.422	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	15195	10.558	ug/l	98
56) Ethyl methacrylate	10.67	69	13205	9.836	ug/l	97
57) 1,3-Dichloropropane	10.95	76	25054	10.498	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.95	63	35605	49.518	ug/l	99
59) 2-Hexanone	10.99	43	35971	51.600	ug/l	99
60) Dibromochloromethane	11.14	129	20505	10.671	ug/l	96
61) 1,2-Dibromoethane	11.25	107	14082	10.642	ug/l	96
64) Tetrachloroethene	10.88	164	20404	10.597	ug/l	95
65) Chlorobenzene	11.68	112	56006	10.503	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	21621	10.494	ug/l	100
67) Ethyl Benzene	11.75	91	86886	10.097	ug/l	100
68) m/p-Xylenes	11.86	106	69161	20.629	ug/l	96
69) o-Xylene	12.19	106	28500	10.144	ug/l	93
70) Styrene	12.20	104	50767	9.977	ug/l	99
71) Bromoform	12.37	173	12585	10.923	ug/l #	100
73) Isopropylbenzene	12.48	105	77457	9.891	ug/l	99
74) N-amyl acetate	12.30	43	18063	10.234	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	16699	10.598	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	21374	17.992	ug/l #	100
77) Bromobenzene	12.77	156	22186	10.229	ug/l	99
78) n-propylbenzene	12.83	91	99116	10.081	ug/l	99
79) 2-Chlorotoluene	12.91	91	59609	10.454	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	67903	10.114	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	4871	10.234	ug/l	96
82) 4-Chlorotoluene	13.01	91	65412	10.552	ug/l	100
83) tert-Butylbenzene	13.23	119	53738	9.938	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	67852	10.199	ug/l	100
85) sec-Butylbenzene	13.41	105	81766	10.284	ug/l	99
86) p-Isopropyltoluene	13.53	119	74604	10.018	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	44723	10.428	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	45814	10.546	ug/l	97
89) n-Butylbenzene	13.86	91	66810	9.689	ug/l	99
90) Hexachloroethane	14.12	117	18537	10.560	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	38161	10.266	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.52	75	2634	10.710	ug/l	95

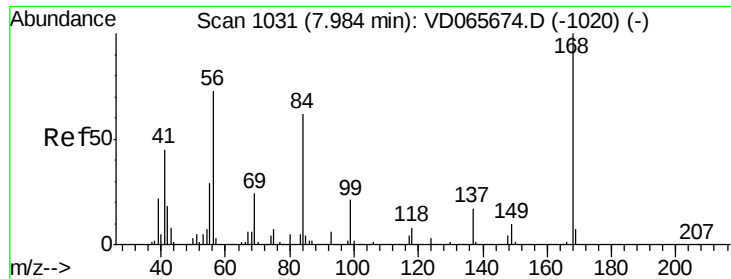
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042420\
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QLast Update : Fri Apr 24 13:58:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	23295	10.006	ug/l	98
94) Hexachlorobutadiene	15.28	225	18625	10.334	ug/l	98
95) Naphthalene	15.41	128	31839	9.905	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	20870	9.985	ug/l	98

(#) = 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. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

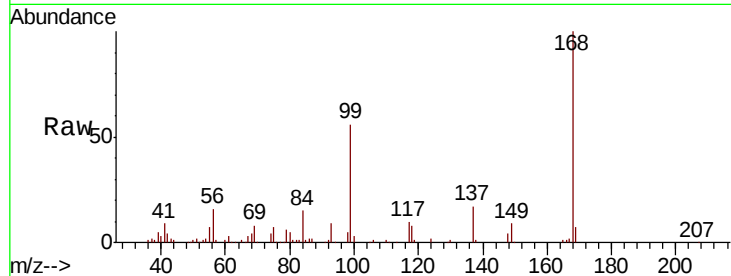
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 187157

Ion Ratio Lower Upper

168 100

99 55.3 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

80000

60000

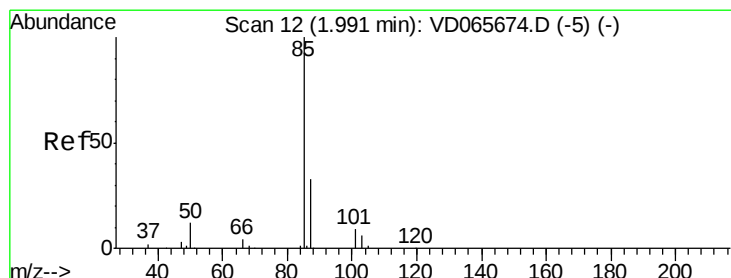
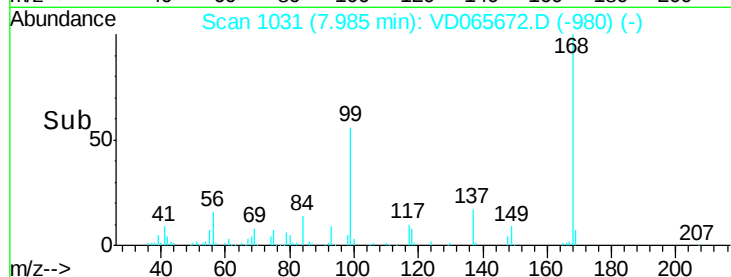
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 10.303 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065672.D

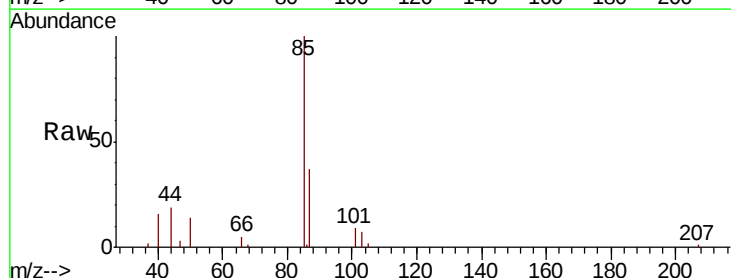
Acq: 24 Apr 2020 12:34

Tgt Ion: 85 Resp: 17299

Ion Ratio Lower Upper

85 100

87 37.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

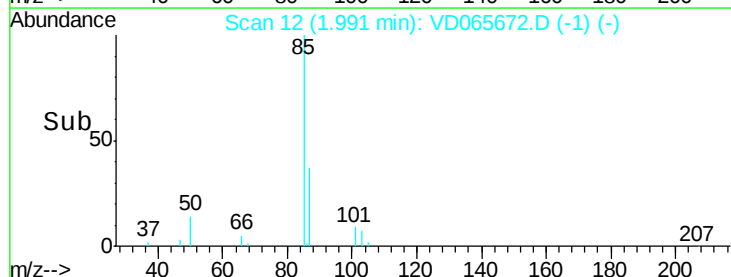
10000

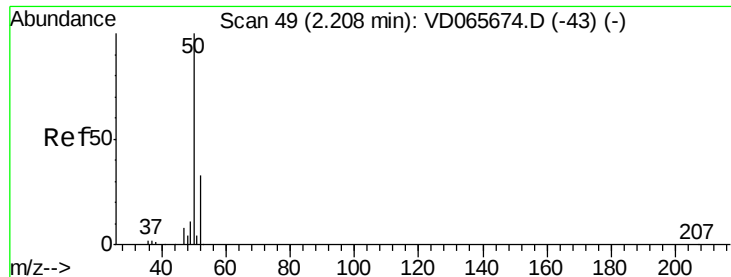
5000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 10.619 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Instrument :

MSVOA_D

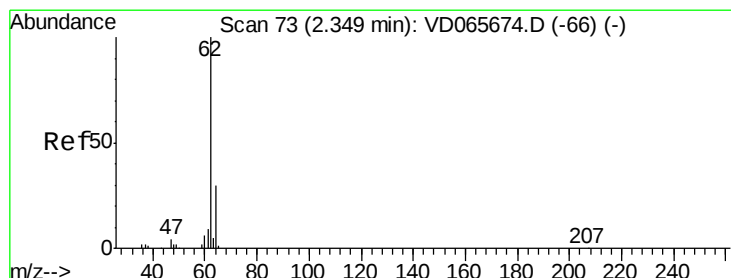
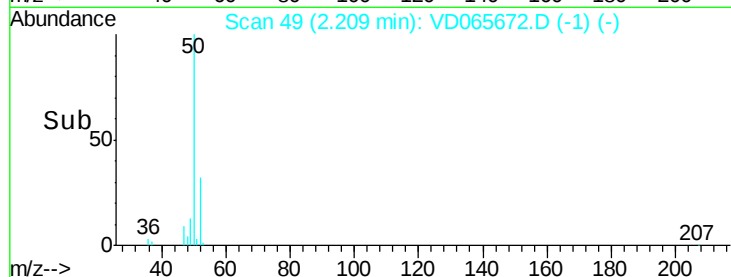
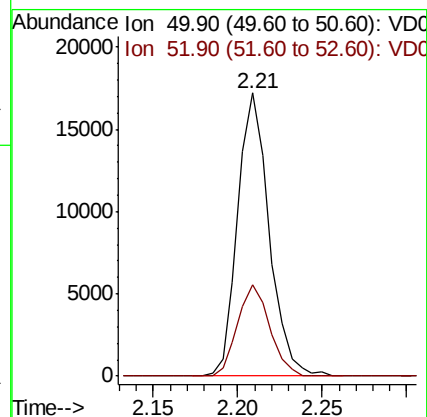
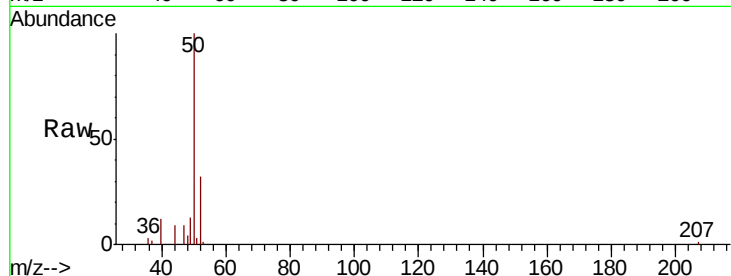
ClientSampleId :

Tot Ion: 50 Resp: 22323

Ion Ratio Lower Upper

50 100

52 32.3 26.5 39.7



#4

Vinyl Chloride

Concen: 10.134 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065672.D

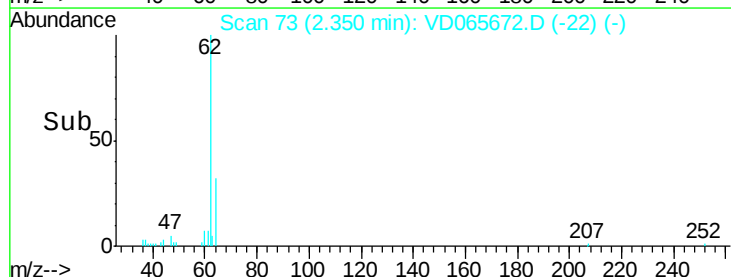
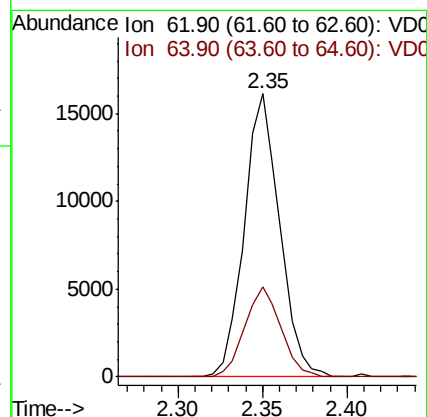
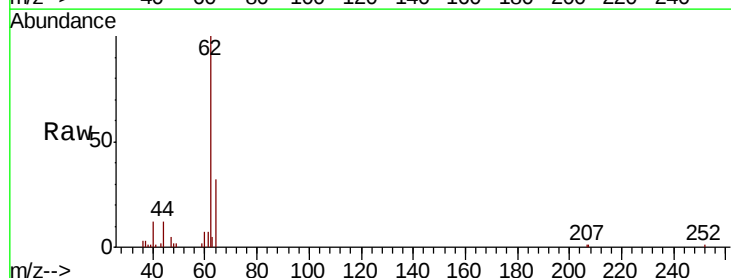
Acq: 24 Apr 2020 12:34

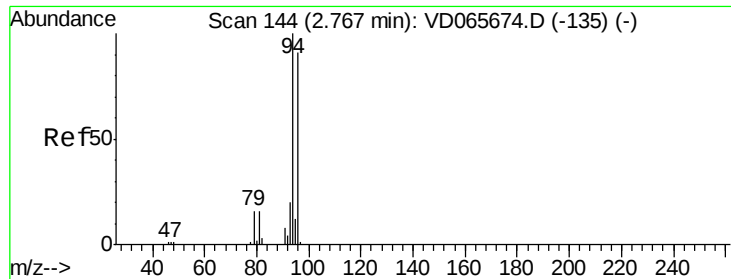
Tgt Ion: 62 Resp: 23535

Ion Ratio Lower Upper

62 100

64 32.0 24.3 36.5





#5

Bromomethane

Concen: 10.448 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Instrument :

MSVOA_D

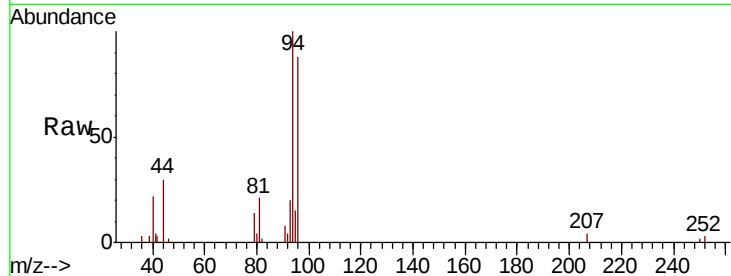
ClientSampleId :

Tot Ion: 94 Resp: 14870

Ion Ratio Lower Upper

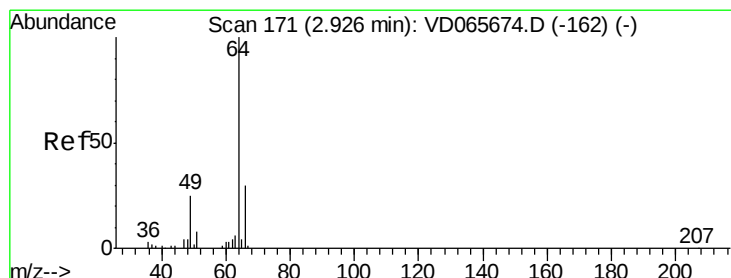
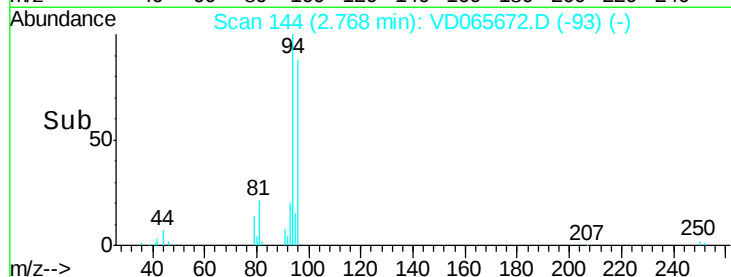
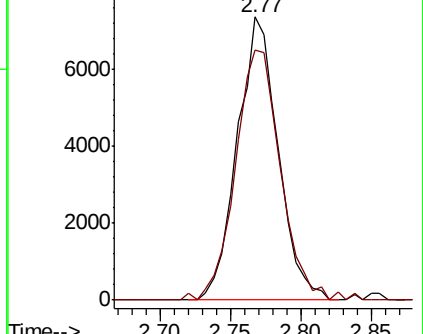
94 100

96 86.1 73.0 109.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 10.502 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065672.D

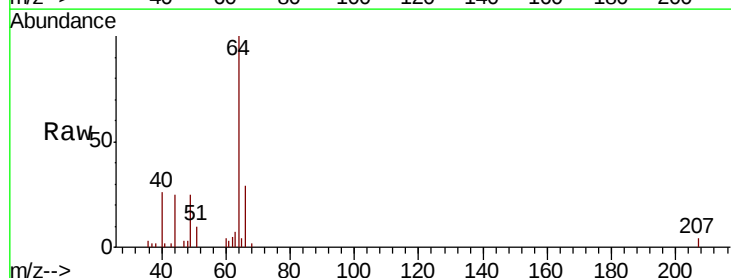
Acq: 24 Apr 2020 12:34

Tgt Ion: 64 Resp: 14799

Ion Ratio Lower Upper

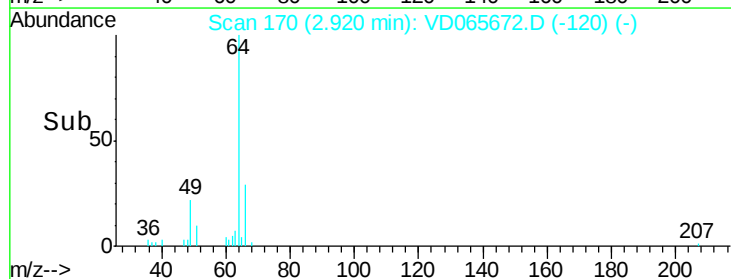
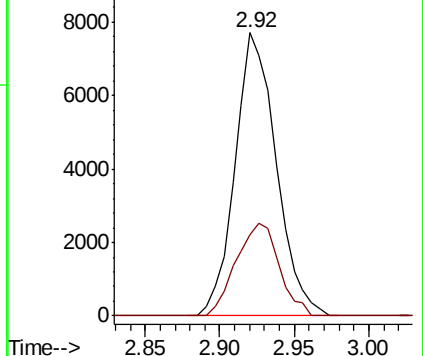
64 100

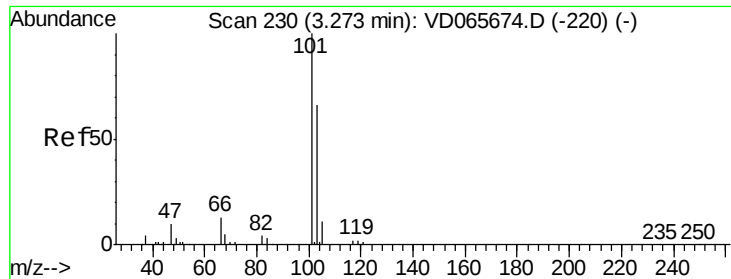
66 28.7 24.3 36.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



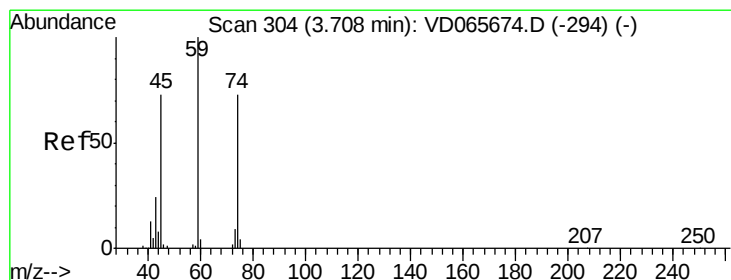
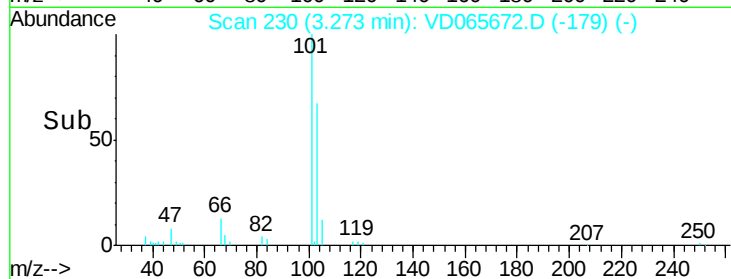
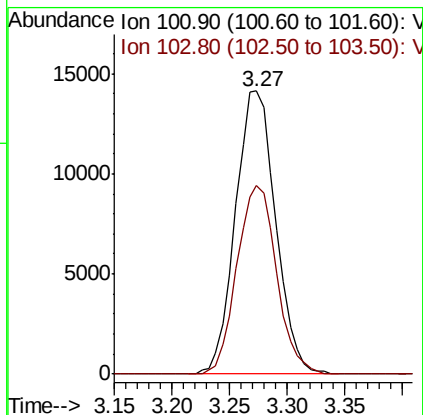
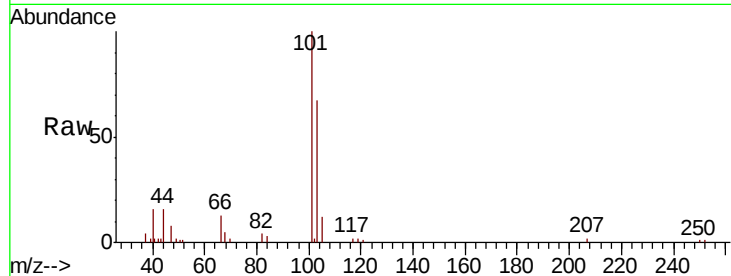


#7

Trichlorofluoromethane
 Concen: 10.505 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

Instrument :
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 ClientSampleId :

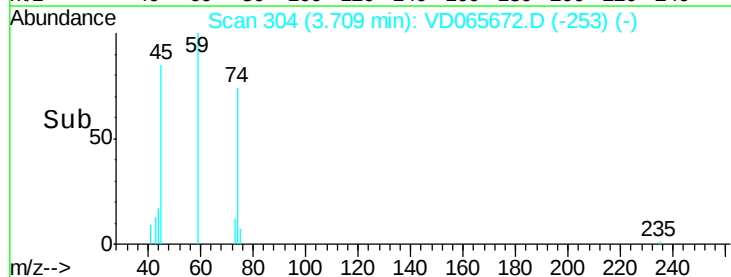
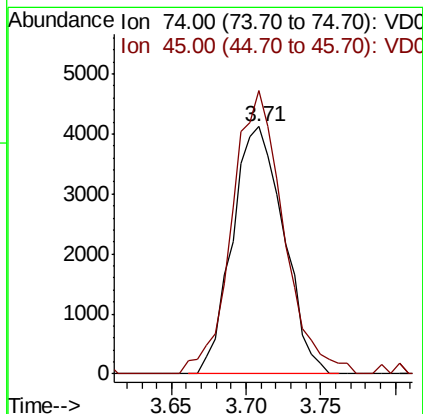
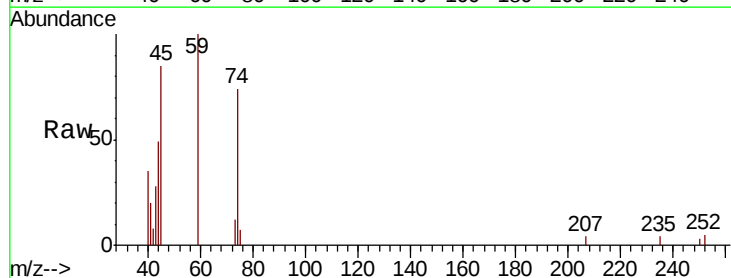
Tot Ion:101 Resp: 34229
 Ion Ratio Lower Upper
 101 100
 103 66.8 52.6 78.8

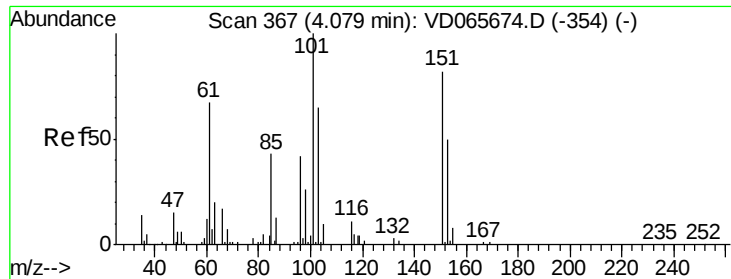


#8

Diethyl Ether
 Concen: 10.395 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

Tgt Ion: 74 Resp: 9849
 Ion Ratio Lower Upper
 74 100
 45 114.9 55.0 165.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.435 ug/l

RT: 4.08 min Scan# 367

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Instrument :

MSVOA_D

ClientSampleId :

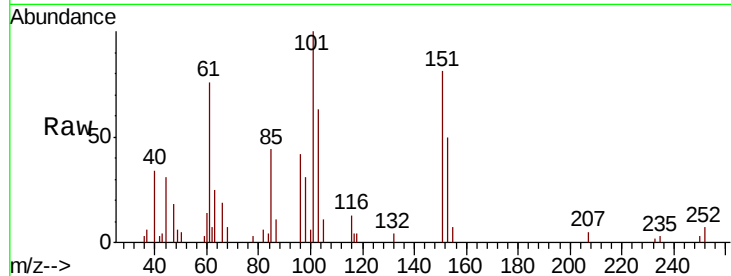
Tot Ion:101 Resp: 20205

Ion Ratio Lower Upper

101 100

85 44.6 35.1 52.7

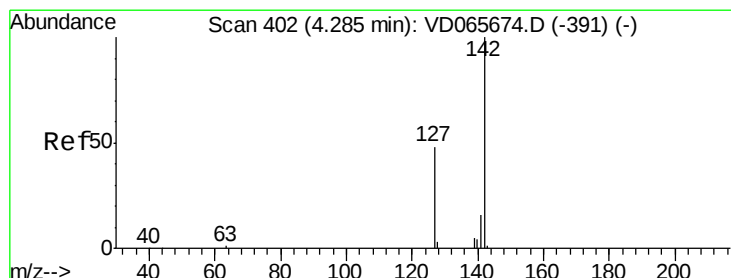
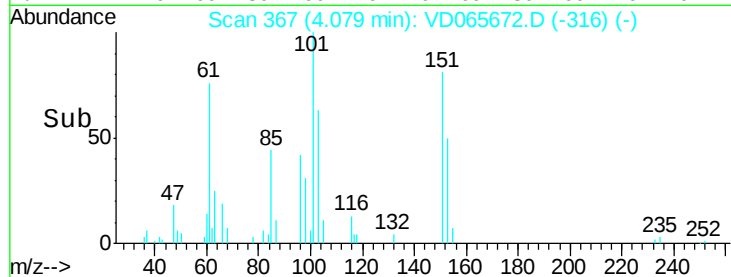
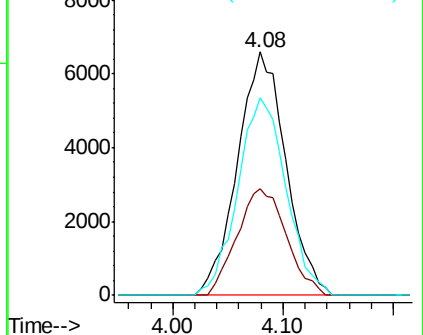
151 81.3 64.1 96.1



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: 9.368 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

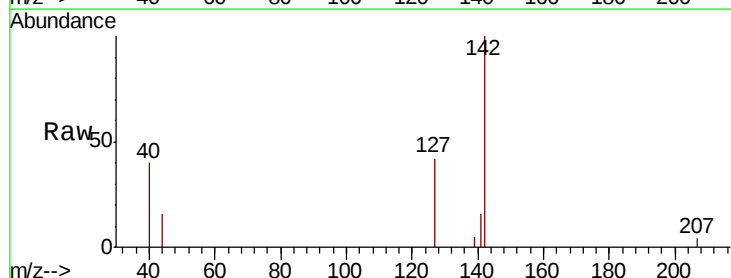
Tgt Ion:142 Resp: 12011

Ion Ratio Lower Upper

142 100

127 48.0 39.0 58.4

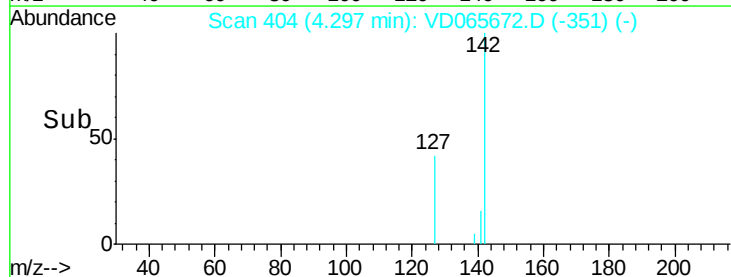
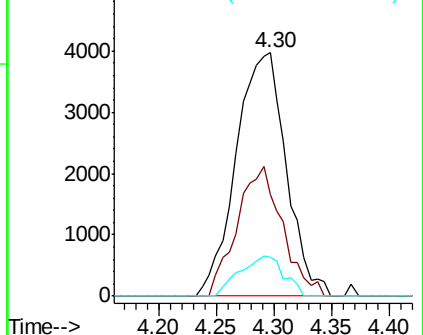
141 14.4 12.4 18.6

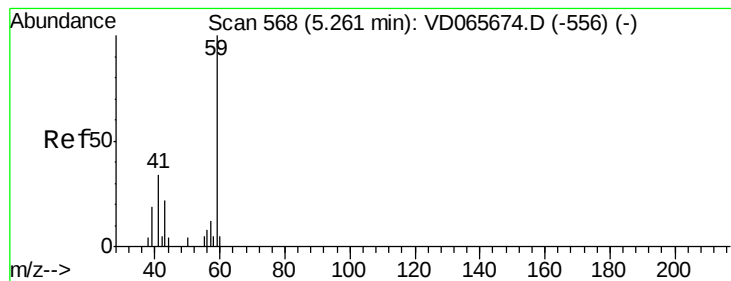


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 51.604 ug/l

RT: 5.26 min Scan# 568

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Instrument :

MSVOA_D

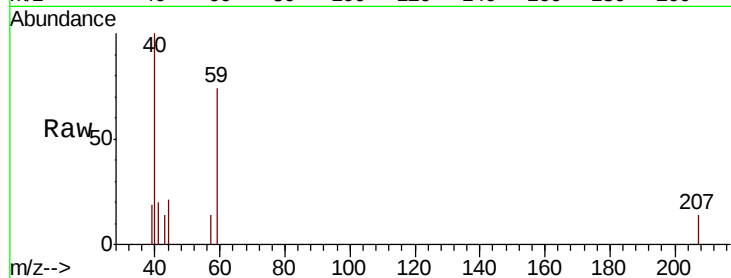
ClientSampled :

Tot Ion: 59 Resp: 4354

Ion Ratio Lower Upper

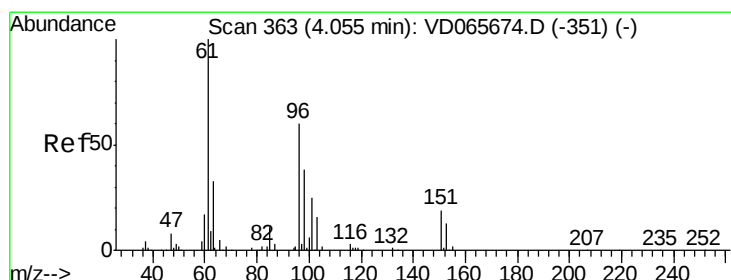
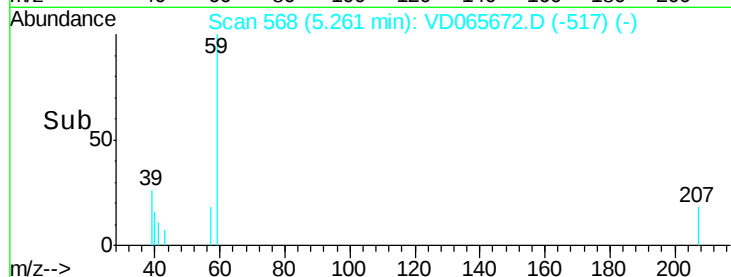
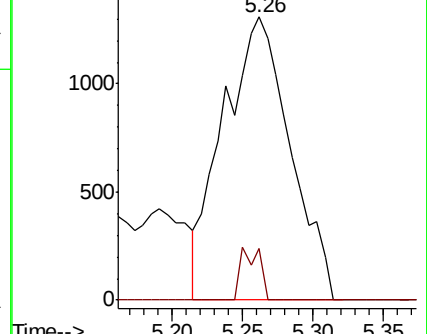
59 100

57 5.2 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 10.336 ug/l

RT: 4.05 min Scan# 362

Delta R.T. -0.01 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

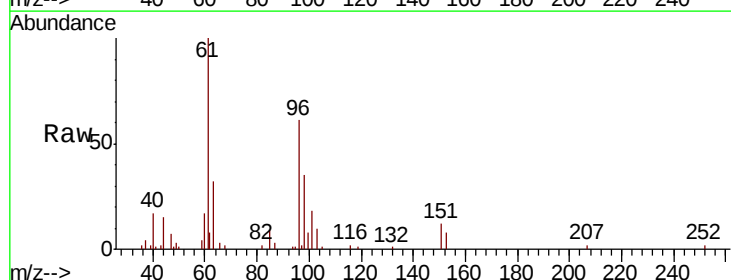
Tgt Ion: 96 Resp: 19931

Ion Ratio Lower Upper

96 100

61 163.6 132.8 199.2

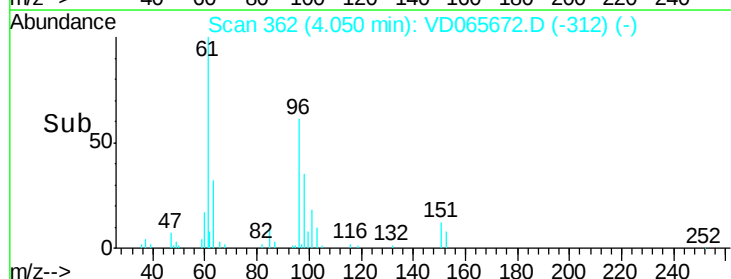
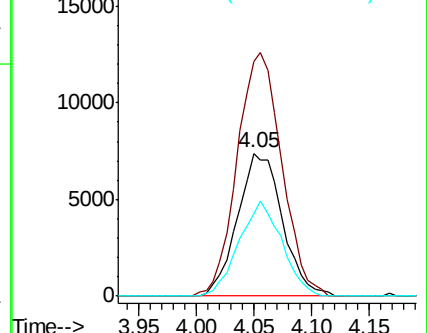
98 57.5 50.7 76.1

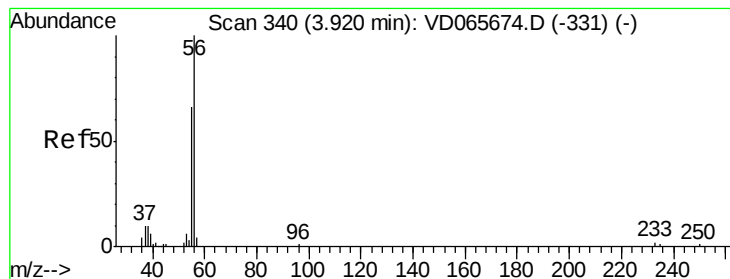


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 48.280 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

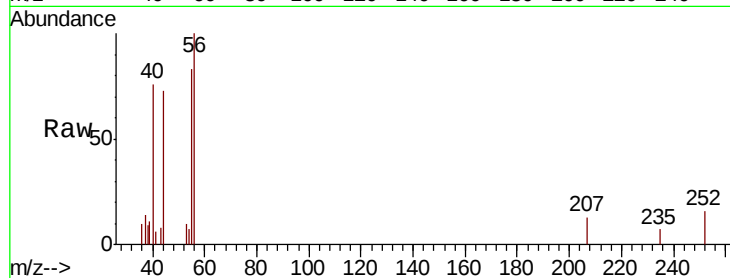
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 6652

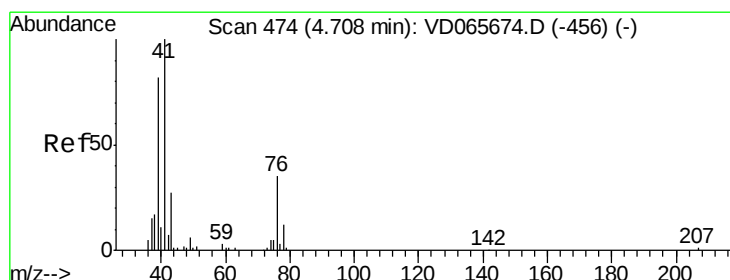
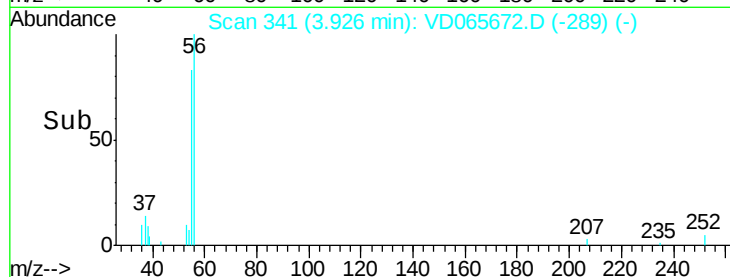
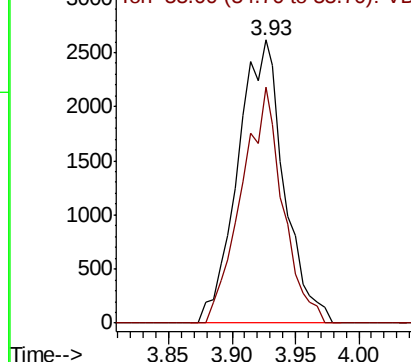
Ion Ratio Lower Upper

56 100

55 74.3 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 10.117 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

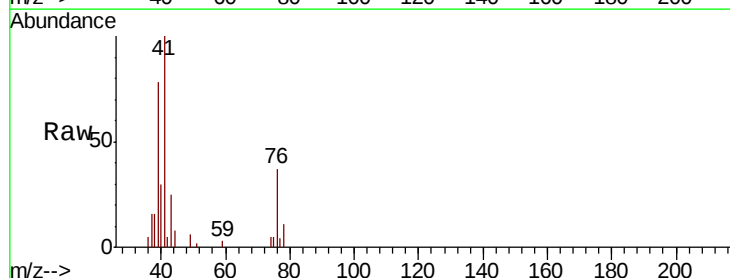
Tgt Ion: 41 Resp: 25580

Ion Ratio Lower Upper

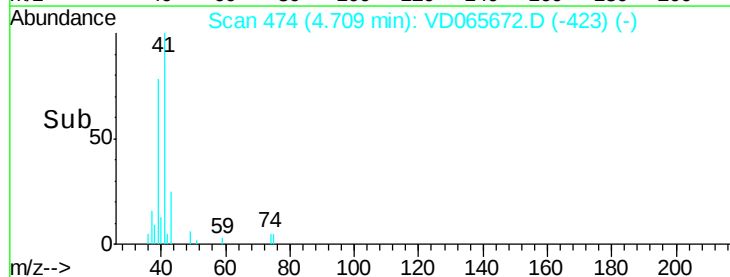
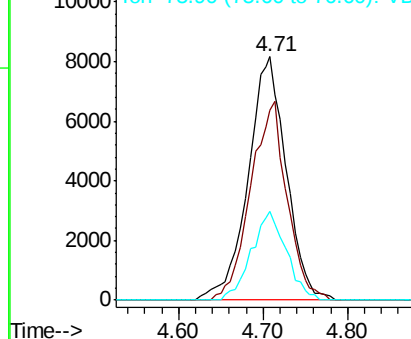
41 100

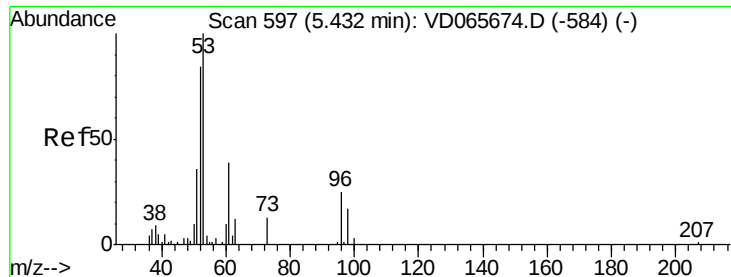
39 78.0 63.3 94.9

76 33.4 27.8 41.8



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 53.779 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Instrument :

MSVOA_D

ClientSampleId :

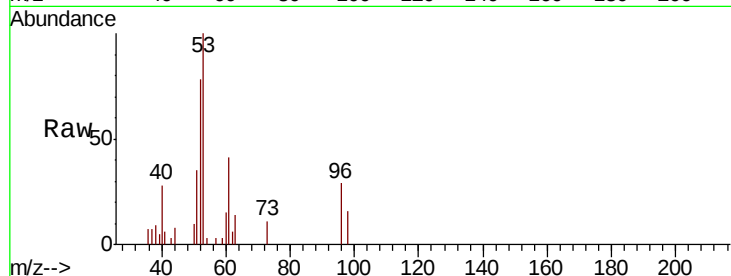
Tot Ion: 53 Resp: 18702

Ion Ratio Lower Upper

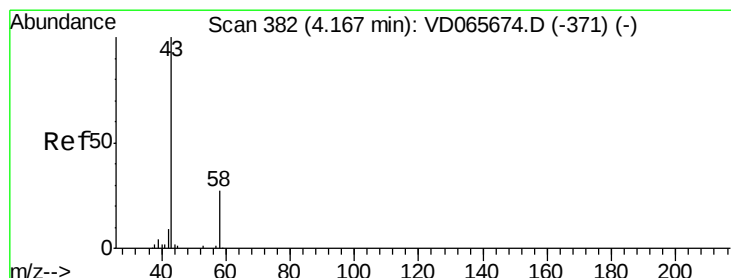
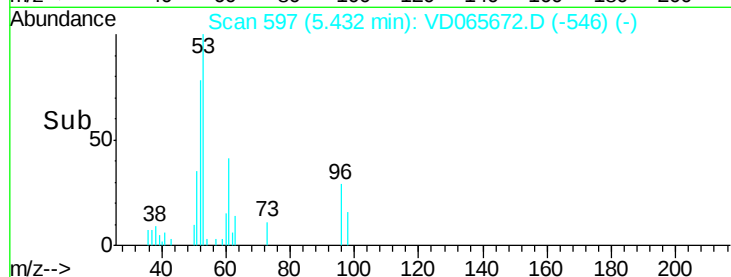
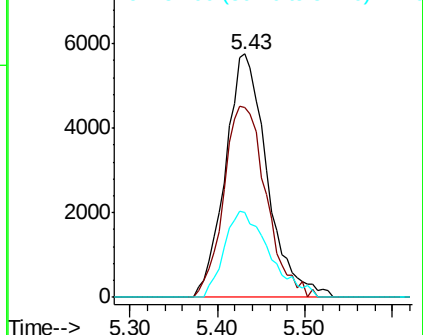
53 100

52 79.9 66.2 99.4

51 38.3 32.0 48.0



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: 51.882 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD065672.D

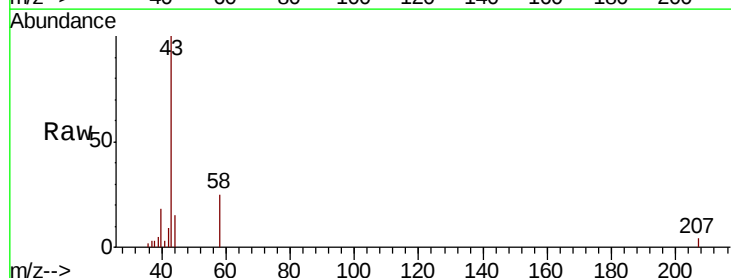
Acq: 24 Apr 2020 12:34

Tgt Ion: 43 Resp: 23336

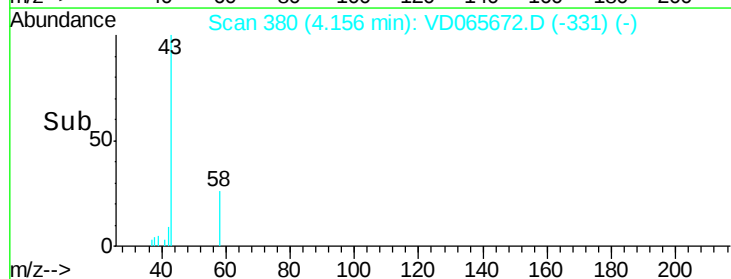
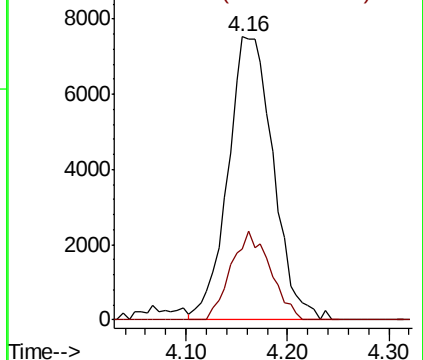
Ion Ratio Lower Upper

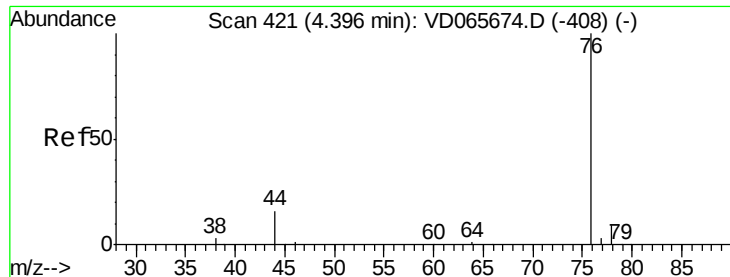
43 100

58 24.9 21.0 31.6



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





#17

Carbon Disulfide

Concen: 10.354 ug/l

RT: 4.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Instrument :

MSVOA_D

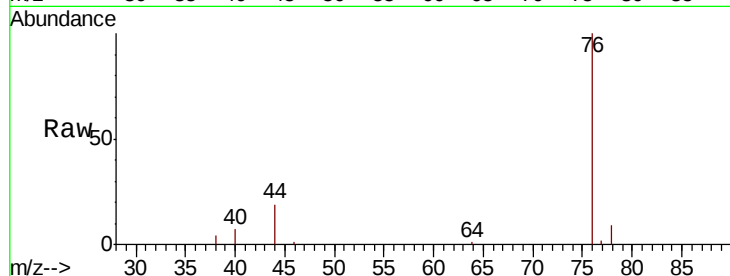
ClientSampleId :

Tot Ion: 76 Resp: 52554

Ion Ratio Lower Upper

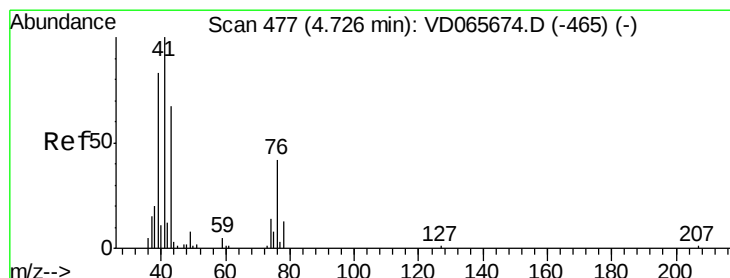
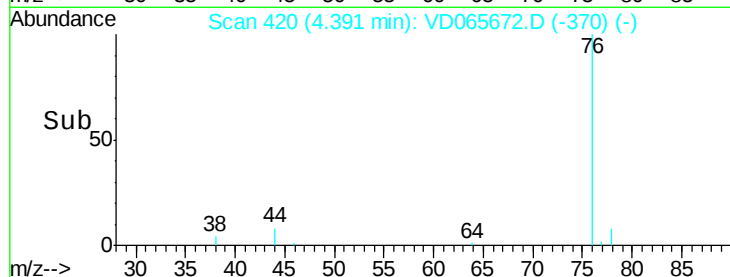
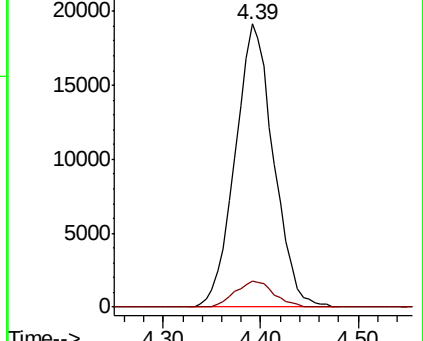
76 100

78 9.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 10.322 ug/l

RT: 4.73 min Scan# 478

Delta R.T. 0.01 min

Lab File: VD065672.D

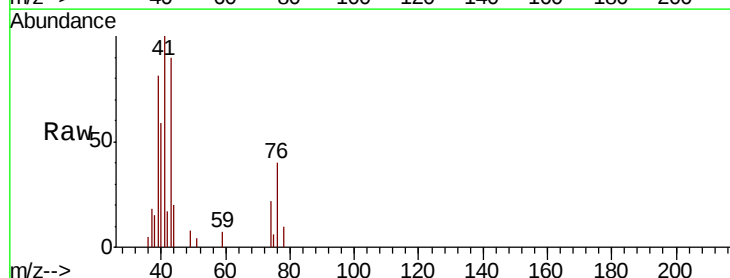
Acq: 24 Apr 2020 12:34

Tgt Ion: 43 Resp: 10015

Ion Ratio Lower Upper

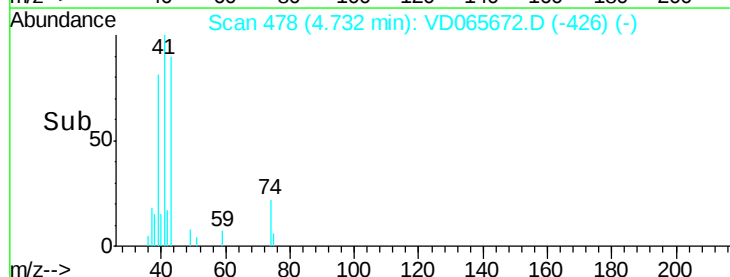
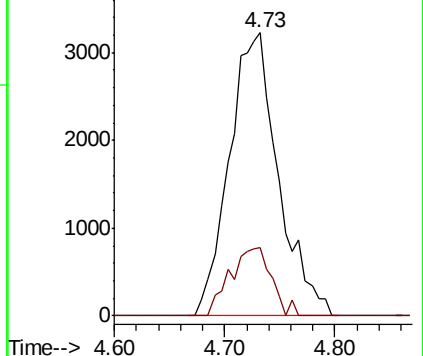
43 100

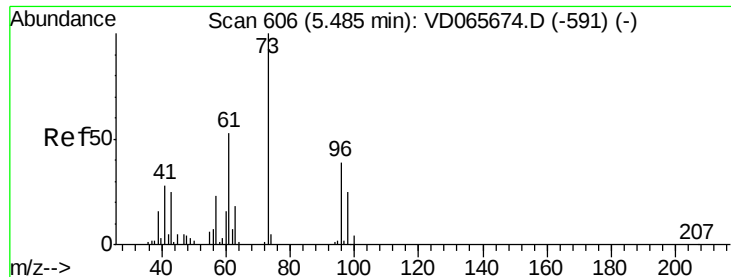
74 20.4 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



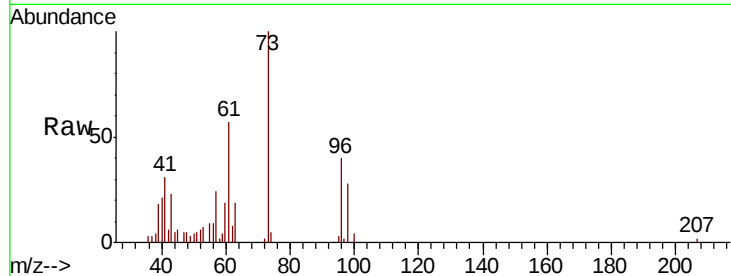


#19

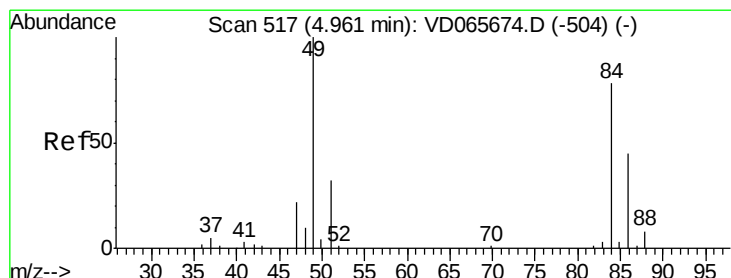
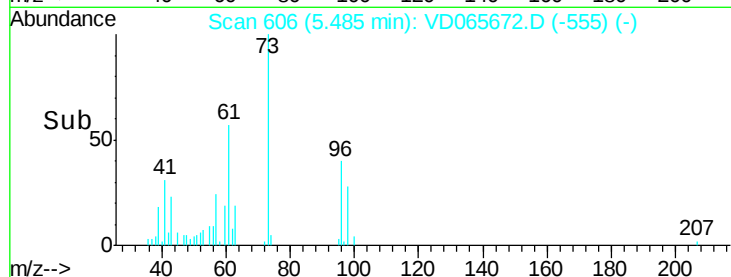
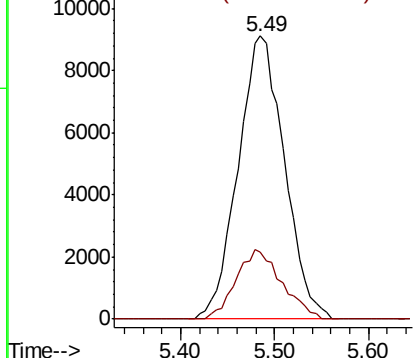
Methyl tert-butyl Ether
Concen: 10.029 ug/l
RT: 5.49 min Scan# 606
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Instrument :
MSVOA_D
ClientSampleID :

Tot Ion: 73 Resp: 31056
Ion Ratio Lower Upper
73 100
57 23.6 18.3 27.5



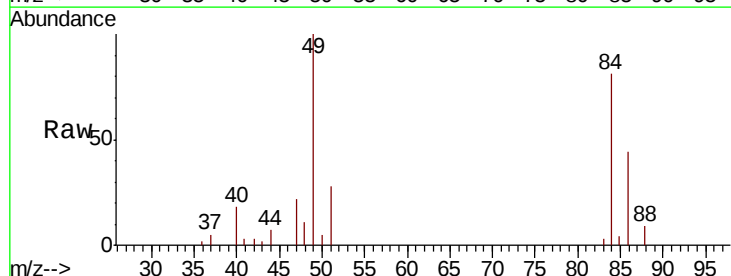
Abundance Ion 73.00 (72.70 to 73.70): VDC
Ion 57.00 (56.70 to 57.70): VDC



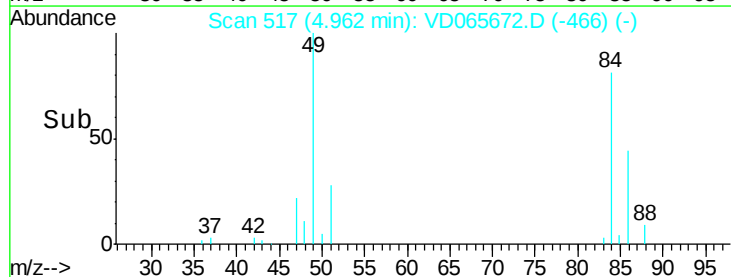
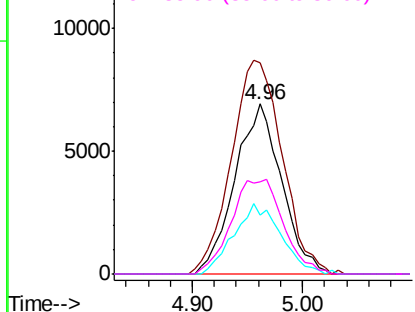
#20

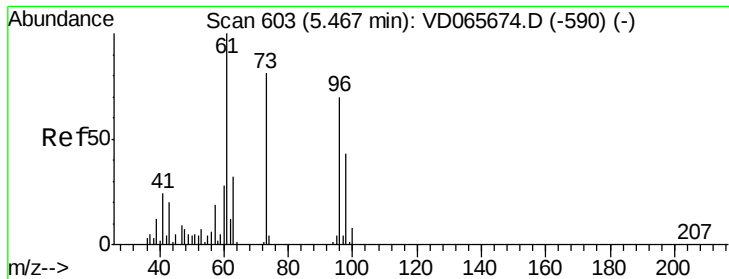
Methylene Chloride
Concen: 10.487 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Tgt Ion: 84 Resp: 20540
Ion Ratio Lower Upper
84 100
49 124.1 103.1 154.7
51 34.5 33.3 49.9
86 54.2 46.8 70.2



Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC





#21

trans-1,2-Dichloroethene

Concen: 10.256 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Instrument :

MSVOA_D

ClientSampleId :

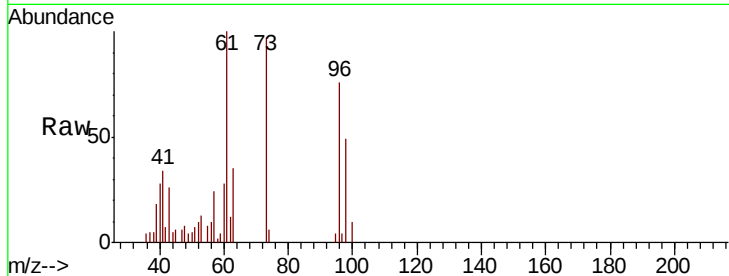
Tot Ion: 96 Resp: 18407

Ion Ratio Lower Upper

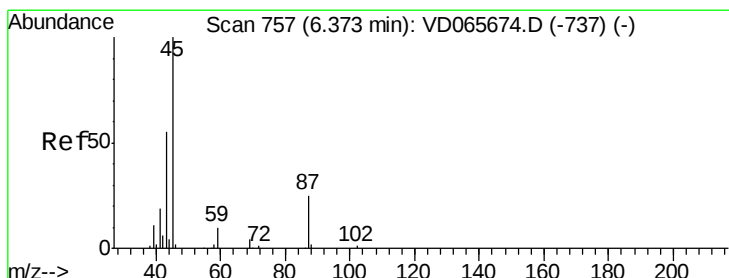
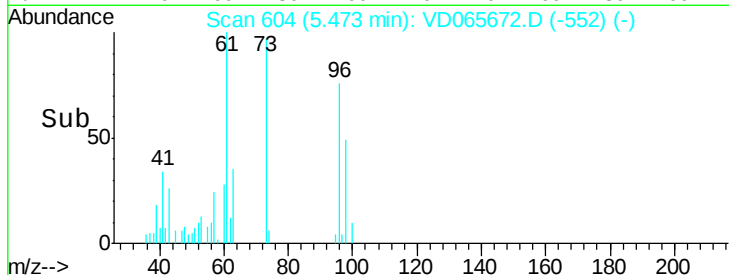
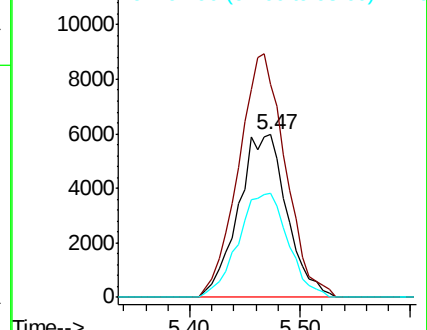
96 100

61 131.0 114.8 172.2

98 64.0 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: 10.424 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Tgt Ion: 45 Resp: 53308

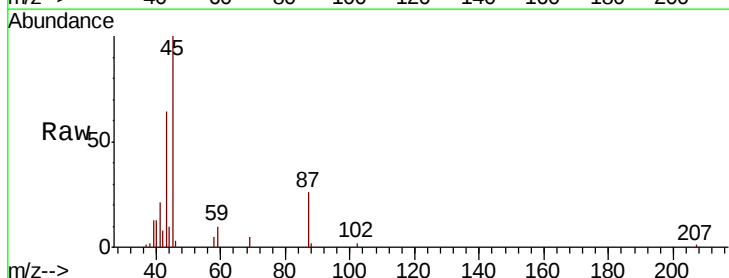
Ion Ratio Lower Upper

45 100

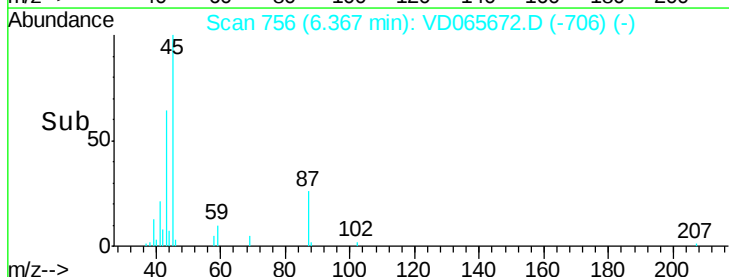
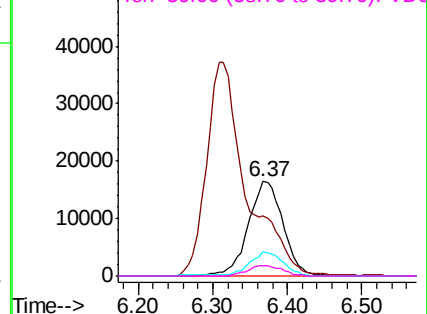
43 62.8 45.2 67.8

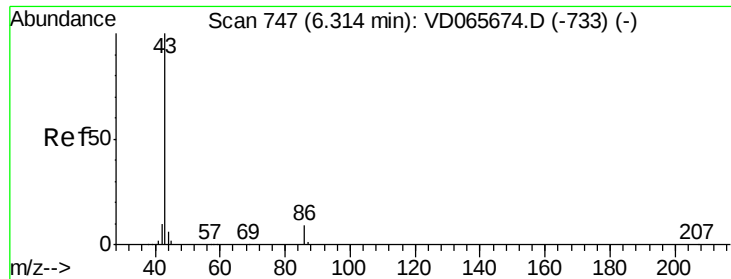
87 26.3 20.8 31.2

59 10.3 8.6 13.0



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: 50.740 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Instrument :

MSVOA_D

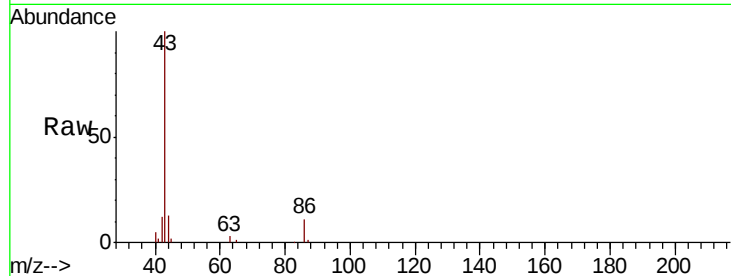
ClientSampleId :

Tot Ion: 43 Resp: 137980

Ion Ratio Lower Upper

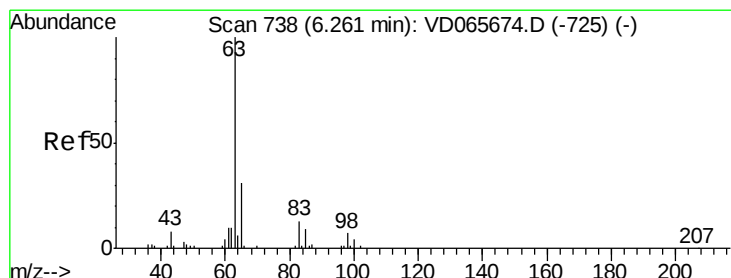
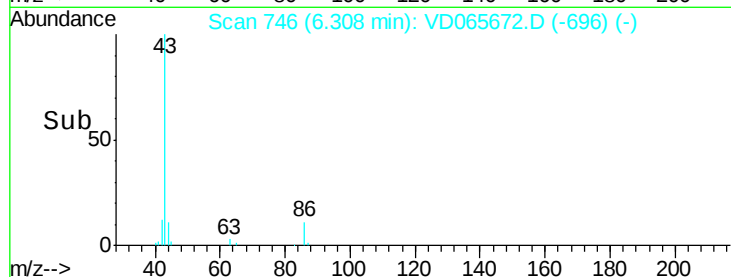
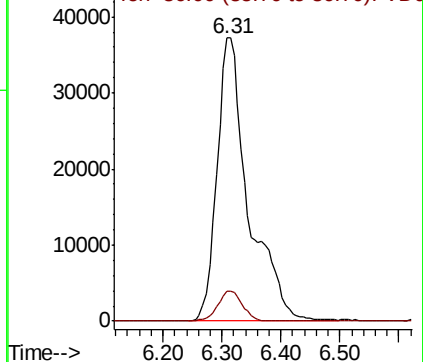
43 100

86 10.7 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 10.743 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

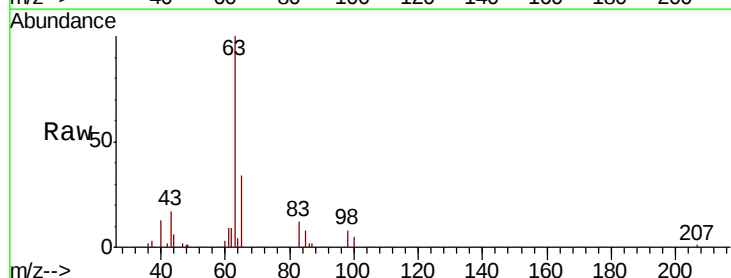
Tgt Ion: 63 Resp: 36613

Ion Ratio Lower Upper

63 100

98 8.1 3.5 10.4

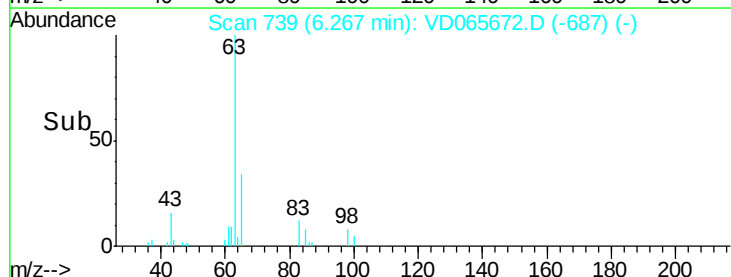
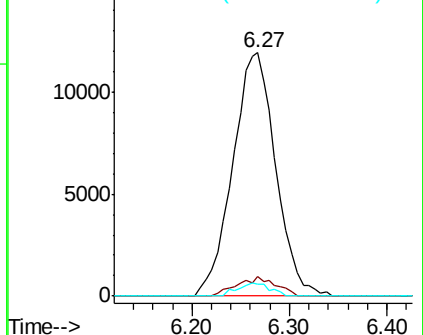
100 4.7 2.2 6.6

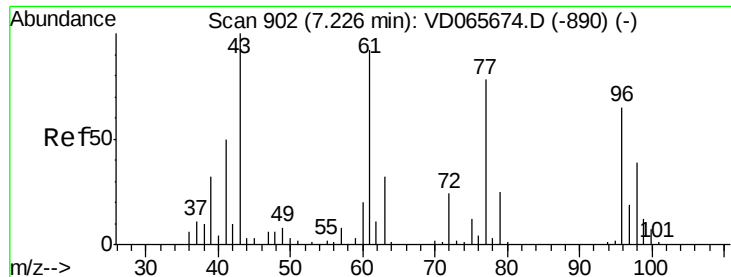


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 53.685 ug/l

RT: 7.23 min Scan# 903

Delta R.T. 0.01 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

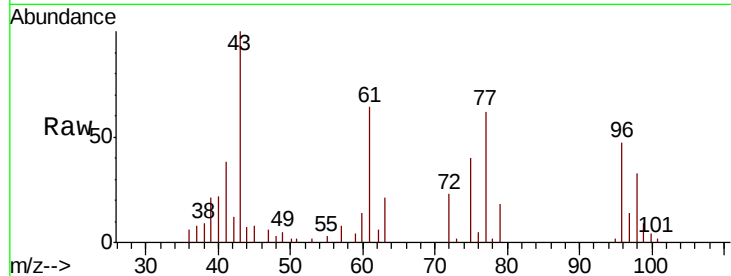
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 25464

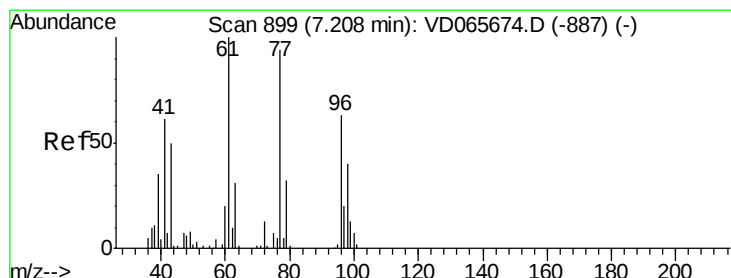
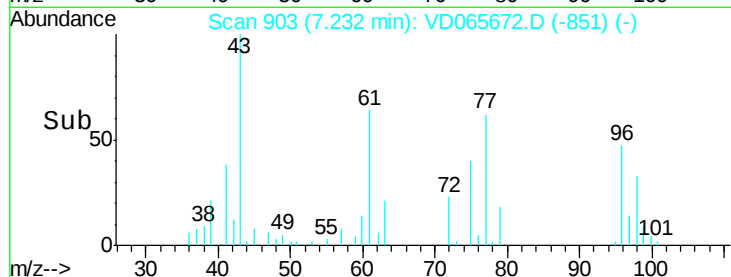
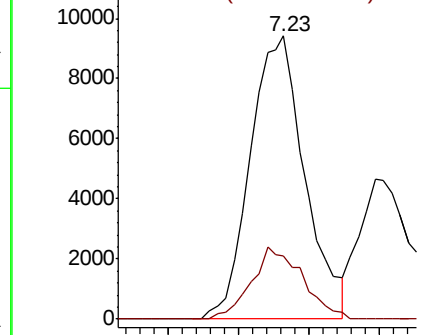
Ion Ratio Lower Upper

43 100

72 22.5 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 10.589 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD065672.D

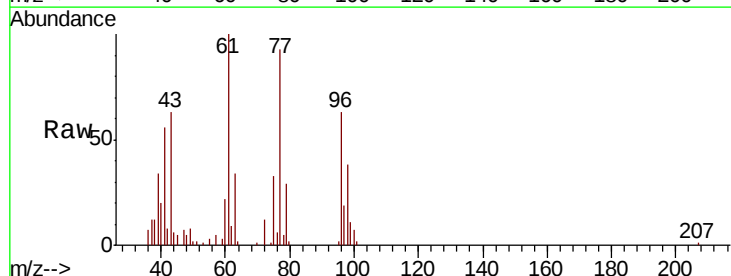
Acq: 24 Apr 2020 12:34

Tgt Ion: 77 Resp: 33599

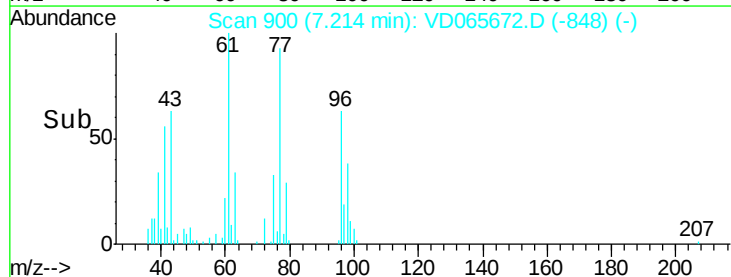
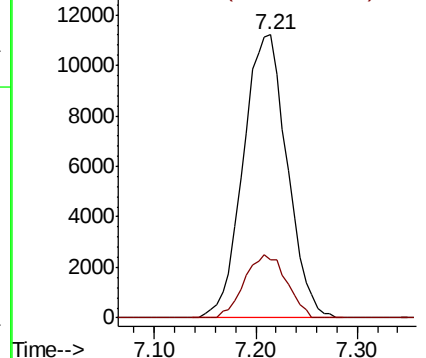
Ion Ratio Lower Upper

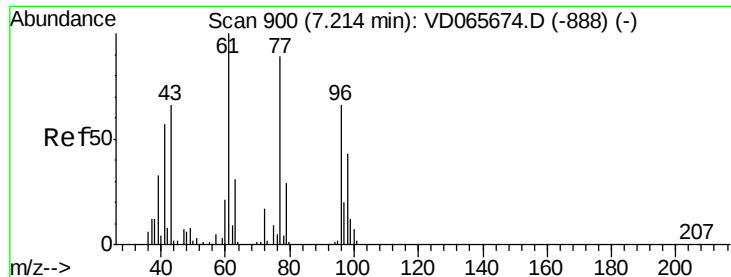
77 100

97 21.4 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VDC
Ion 96.90 (96.60 to 97.60): VDC



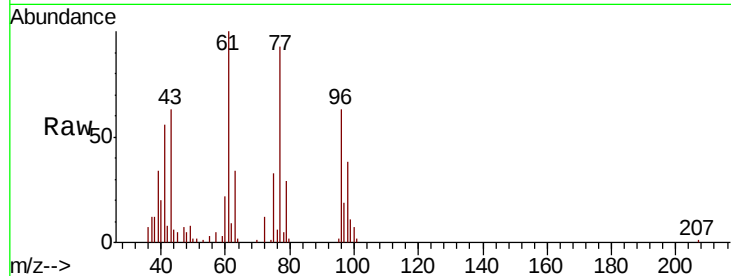


#27

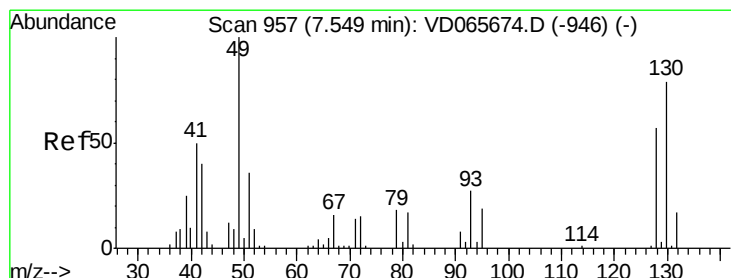
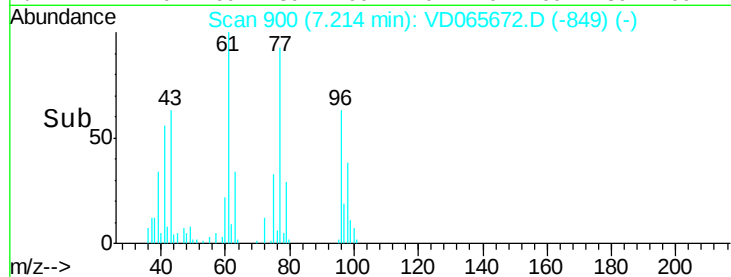
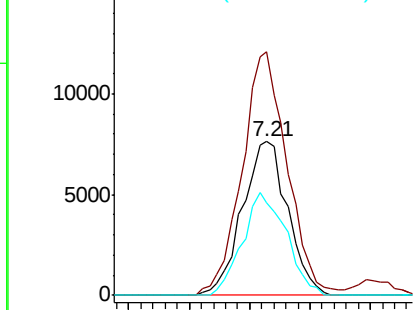
cis-1,2-Dichloroethene
Concen: 10.384 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Instrument :
MSVOA_D
ClientSampled :

Tot Ion	96	Resp	19868
Ion	Ratio	Lower	Upper
96	100		
61	157.2	0.0	304.6
98	64.4	0.0	126.6



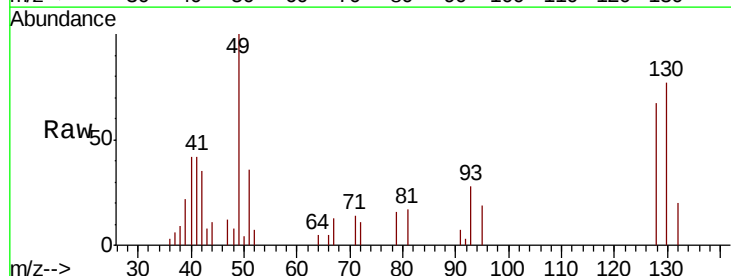
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



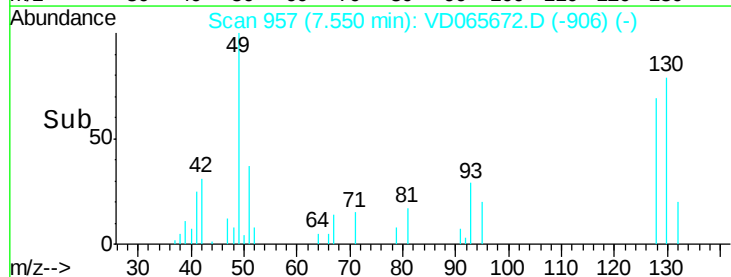
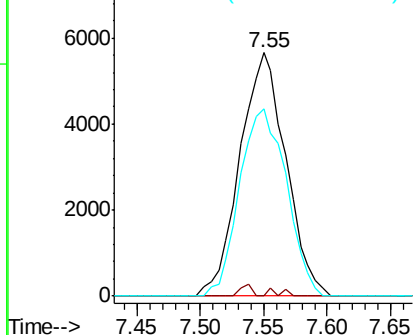
#28

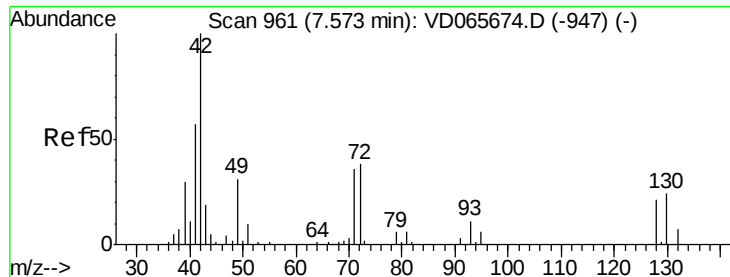
Bromochloromethane
Concen: 10.172 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Tgt Ion	49	Resp	14229
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	2.4
130	78.6	60.7	91.1



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

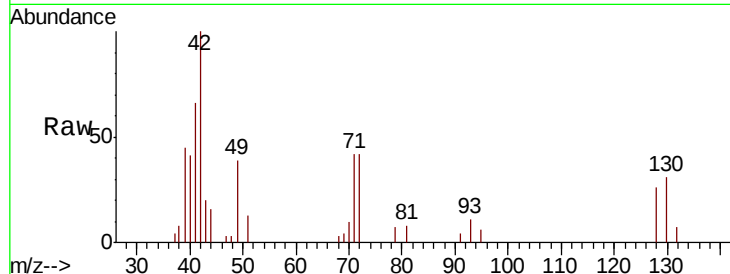




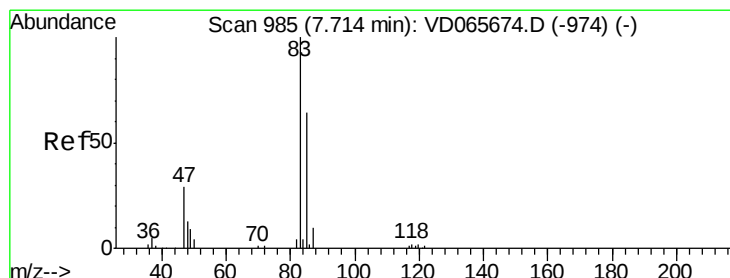
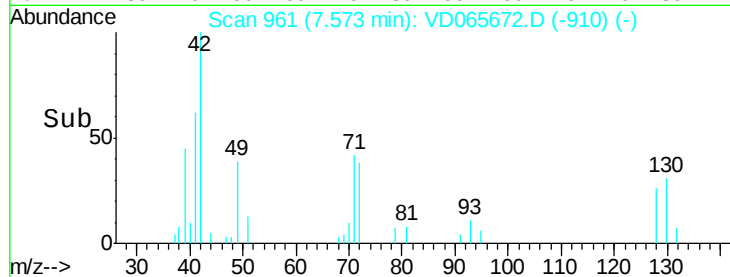
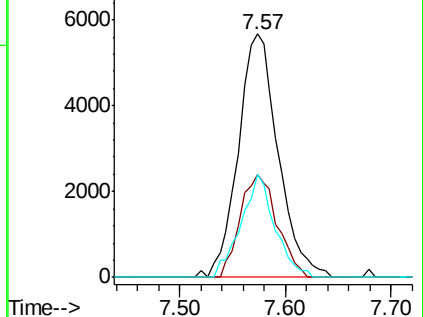
#29
Tetrahydrofuran
Concen: 52.780 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 42 Resp: 14876
Ion Ratio Lower Upper
42 100
72 38.9 31.2 46.8
71 36.0 28.9 43.3

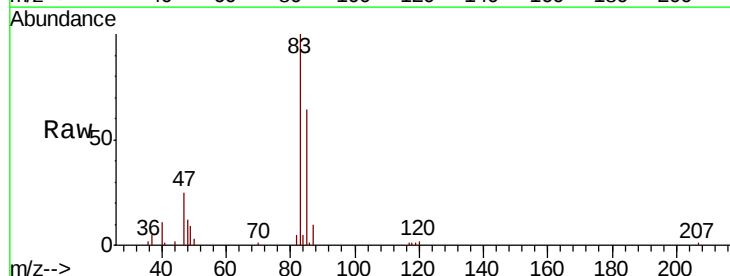


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

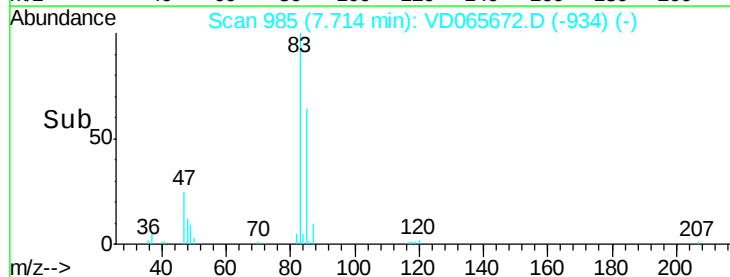
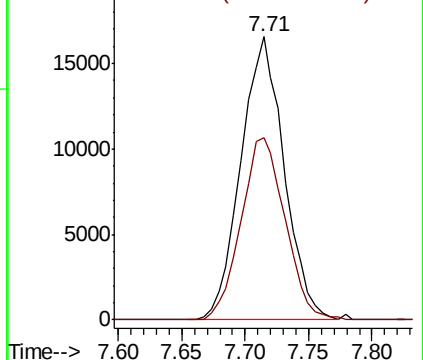


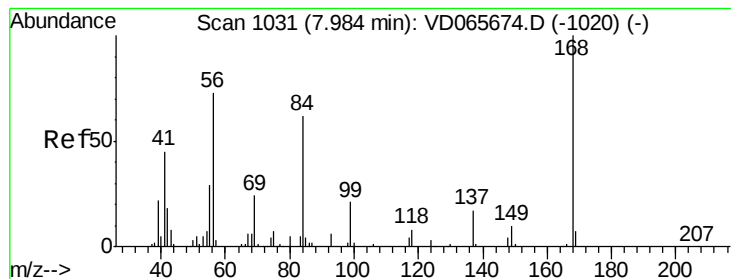
#30
Chloroform
Concen: 10.791 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Tgt Ion: 83 Resp: 39266
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3



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





#31

Cyclohexane

Concen: 10.258 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Instrument :

MSVOA_D

ClientSampled :

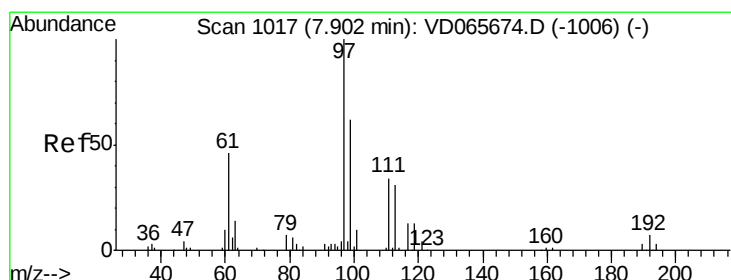
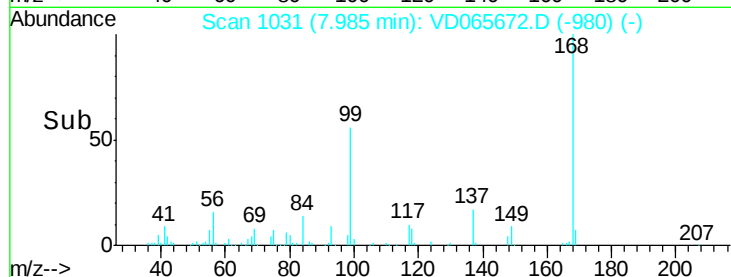
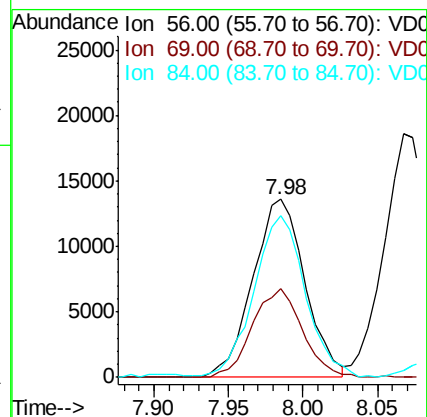
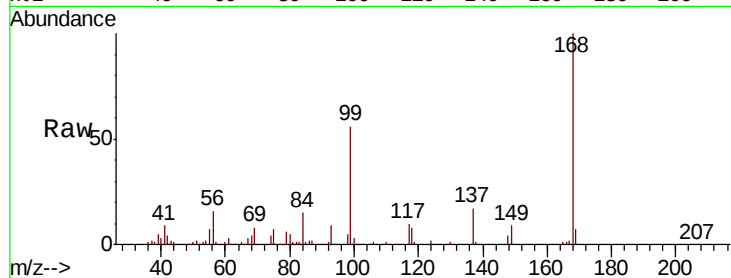
Tot Ion: 56 Resp: 32993

Ion Ratio Lower Upper

56 100

69 49.8 25.8 38.6#

84 89.3 68.3 102.5



#32

1,1,1-Trichloroethane

Concen: 10.735 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

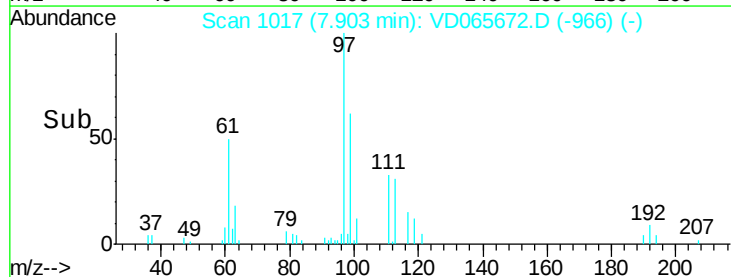
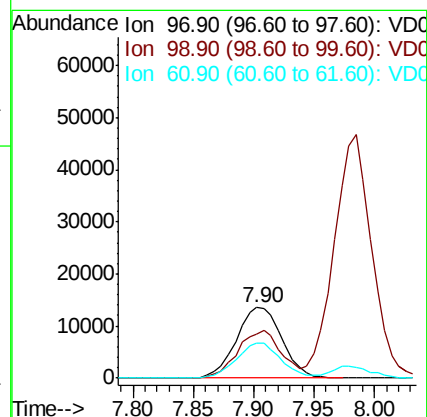
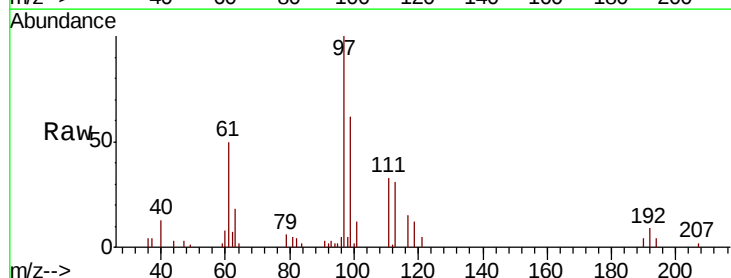
Tgt Ion: 97 Resp: 35524

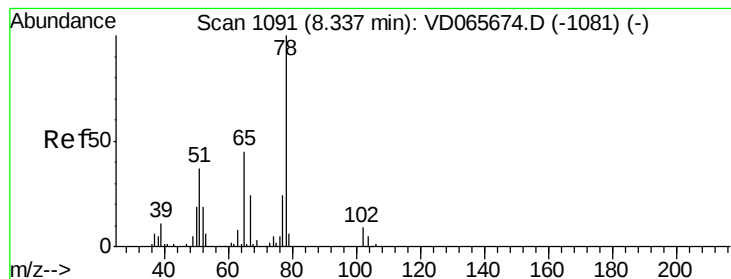
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 48.4 37.4 56.2





#33

1,2-Dichloroethane-d4

Concen: 10.276 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Instrument :

MSVOA_D

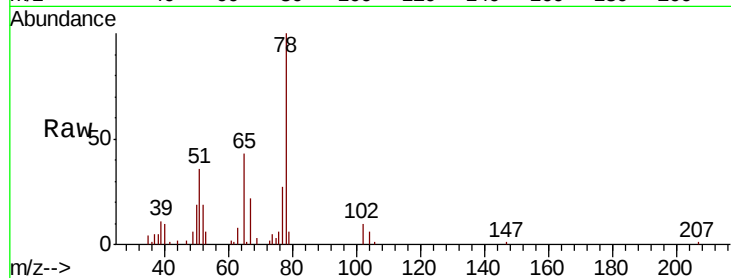
ClientSampleId :

Tot Ion: 65 Resp: 19962

Ion Ratio Lower Upper

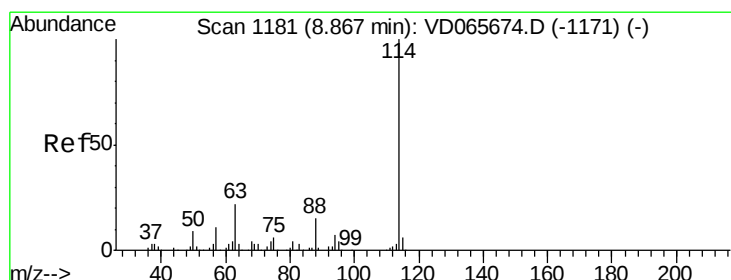
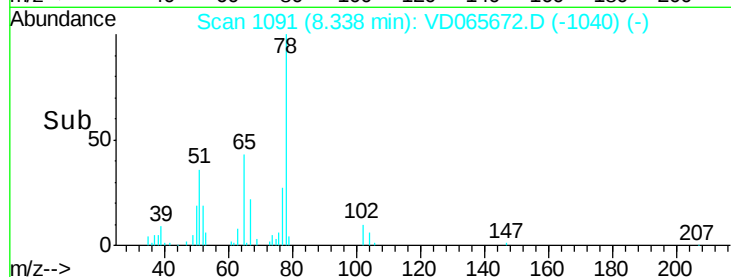
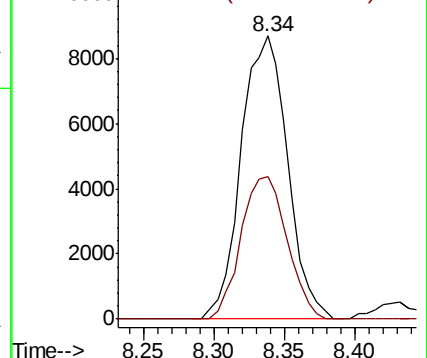
65 100

67 50.0 0.0 100.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

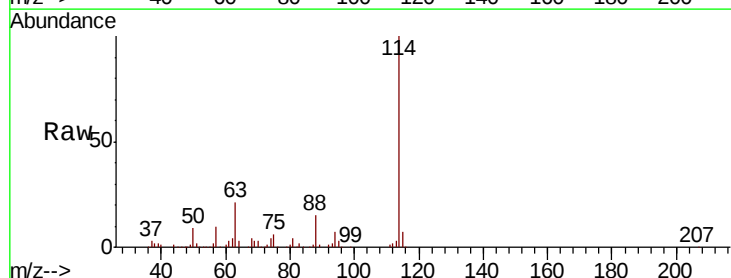
Tgt Ion: 114 Resp: 268430

Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.0

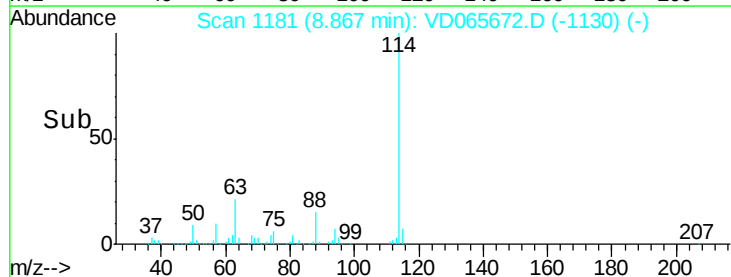
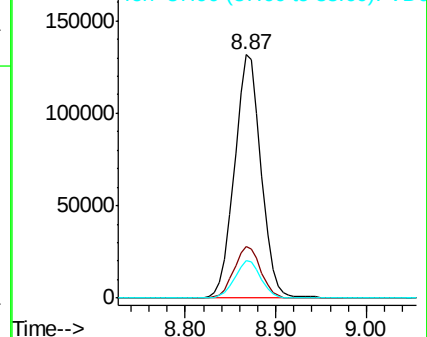
88 15.5 0.0 30.4

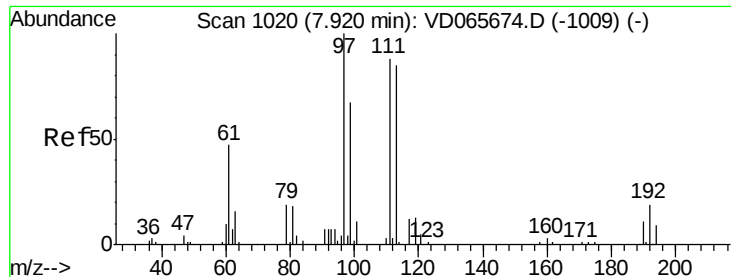


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

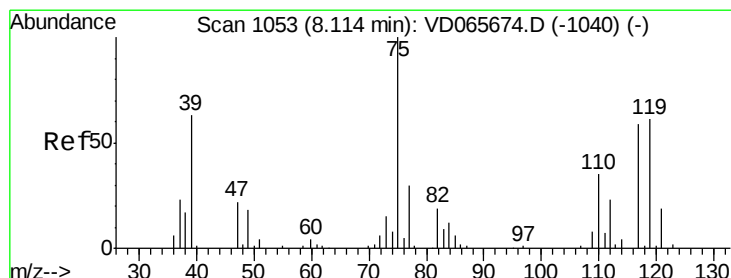
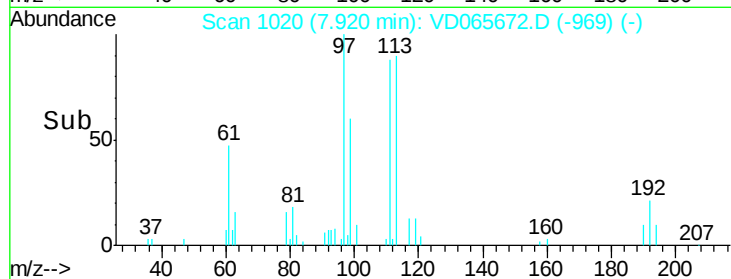
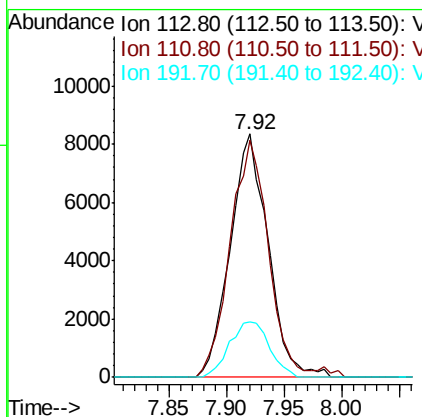
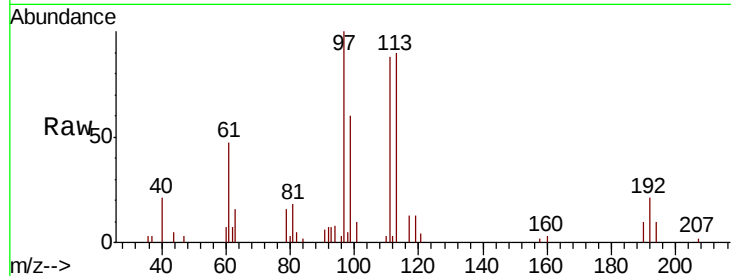




#35
 Dibromofluoromethane
 Concen: 10.182 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

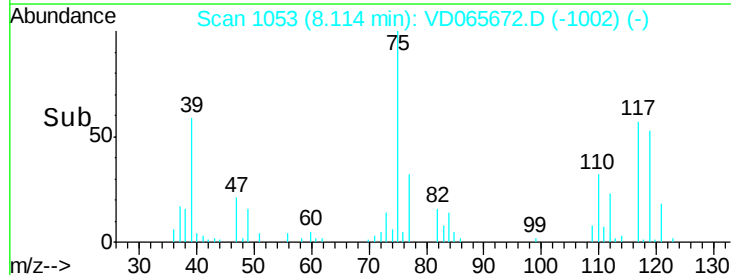
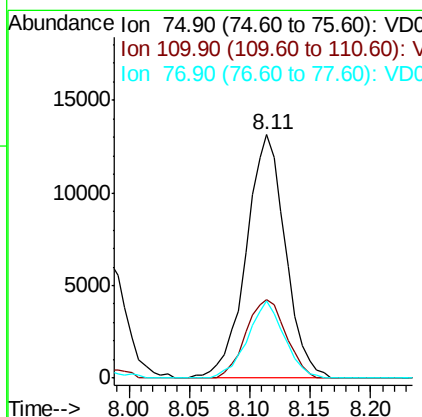
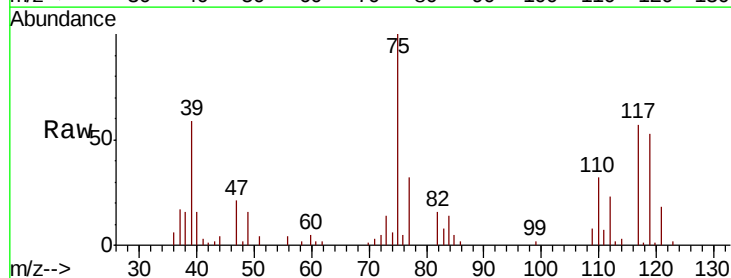
Instrument :
 MSVOA_D
 ClientSampleId :

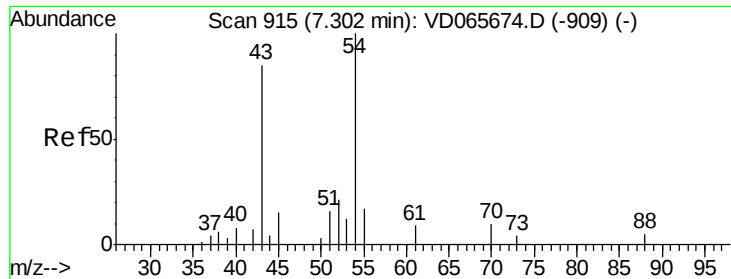
Tot Ion	Ratio	Lower	Upper
113	100		
111	98.4	83.4	125.0
192	24.0	17.7	26.5



#36
 1,1-Dichloropropene
 Concen: 10.522 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.8	17.2	51.5
77	29.7	24.5	36.7

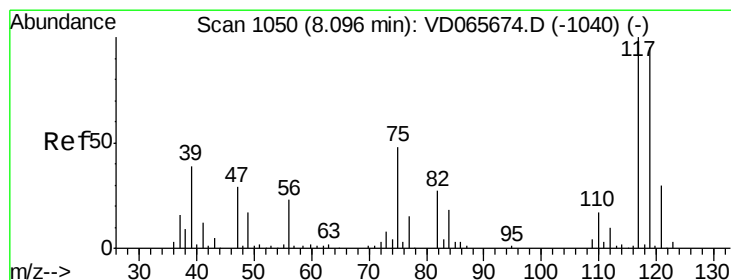
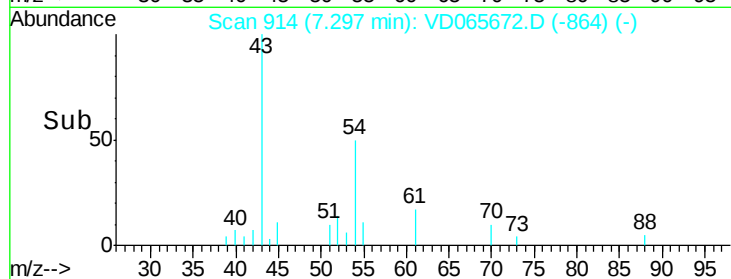
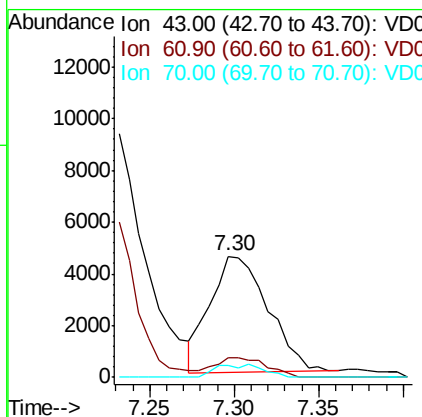
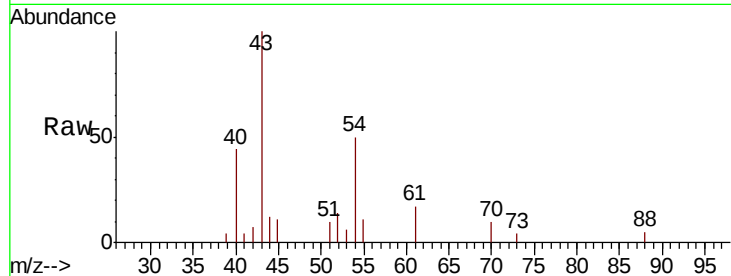




#37
Ethyl Acetate
Concen: 9.761 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

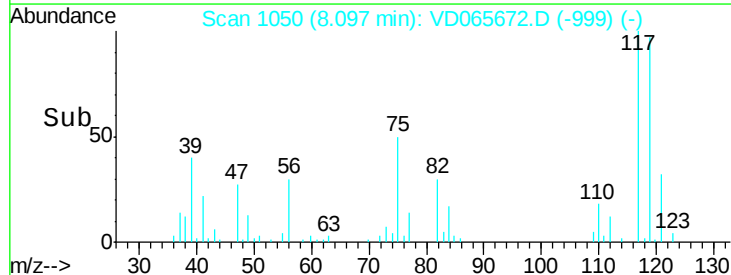
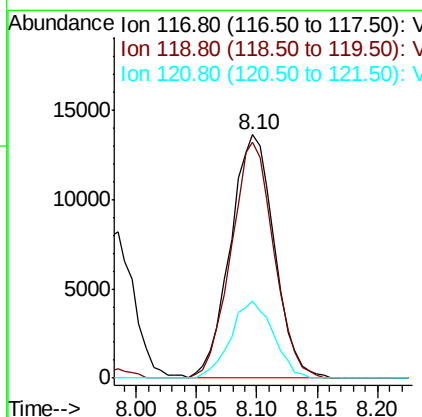
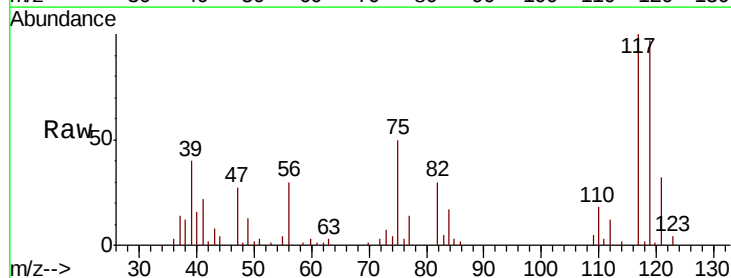
Instrument :
MSVOA_D
ClientSampled :

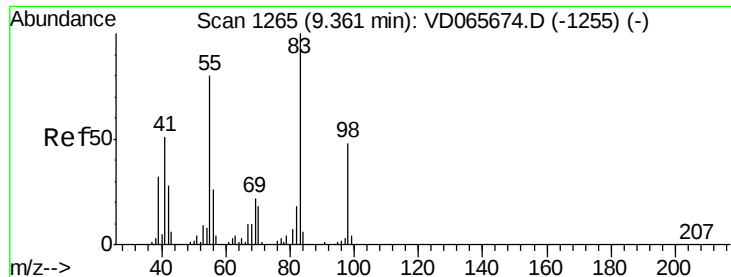
Tot Ion: 43 Resp: 10736
Ion Ratio Lower Upper
43 100
61 15.8 11.3 16.9
70 9.1 7.5 11.3



#38
Carbon Tetrachloride
Concen: 10.619 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Tgt Ion: 117 Resp: 34551
Ion Ratio Lower Upper
117 100
119 97.1 75.8 113.6
121 31.8 23.8 35.8

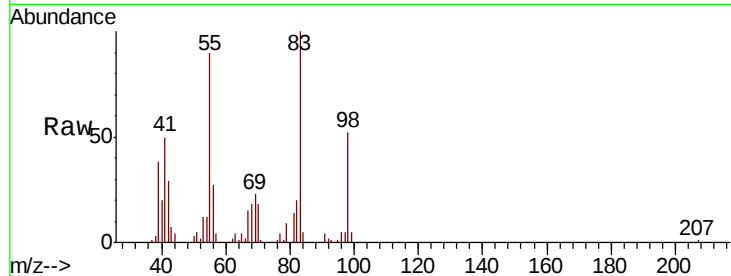




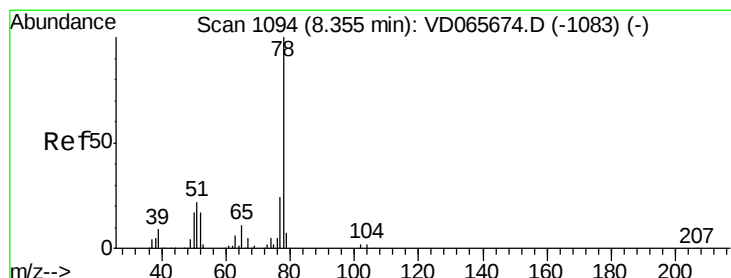
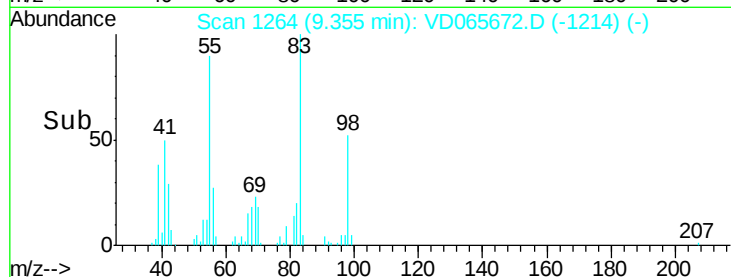
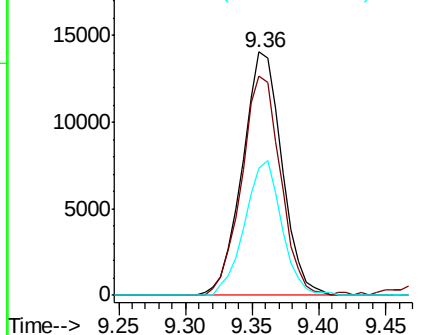
#39
Methvlcvclohexane
Concen: 9.857 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 83 Resp: 28703
Ion Ratio Lower Upper
83 100
55 90.1 64.2 96.2
98 52.0 38.1 57.1

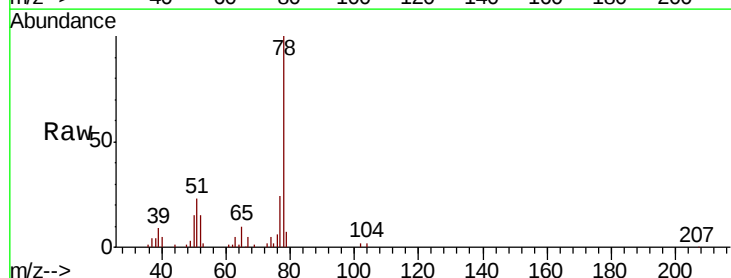


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

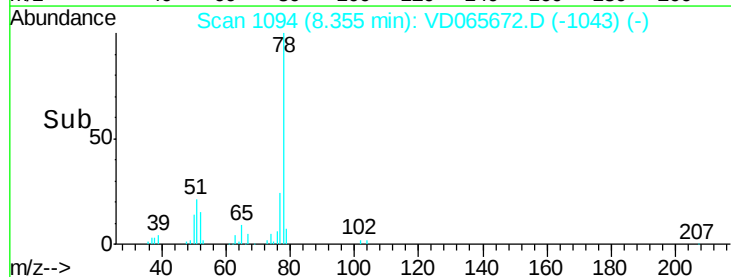
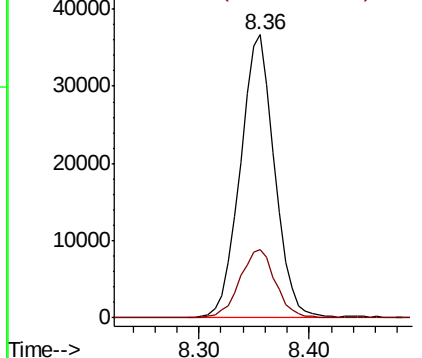


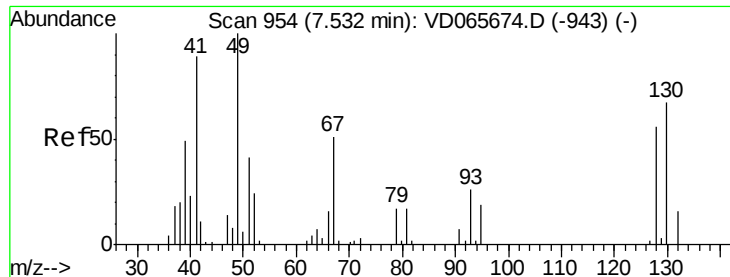
#40
Benzene
Concen: 10.284 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Tgt Ion: 78 Resp: 79966
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0



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





#41

Methacrylonitrile

Concen: 9.928 ug/l

RT: 7.54 min Scan# 955

Delta R.T. 0.01 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 41 Resp: 5686

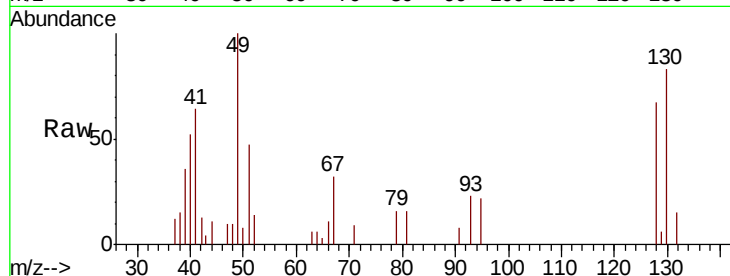
Ion Ratio Lower Upper

41 100

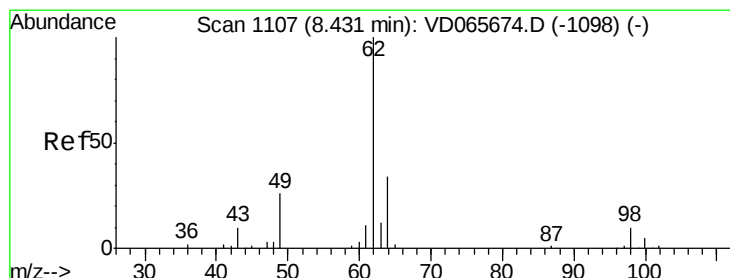
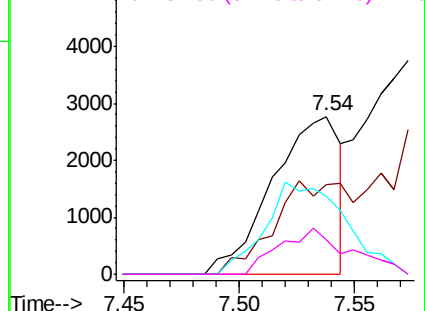
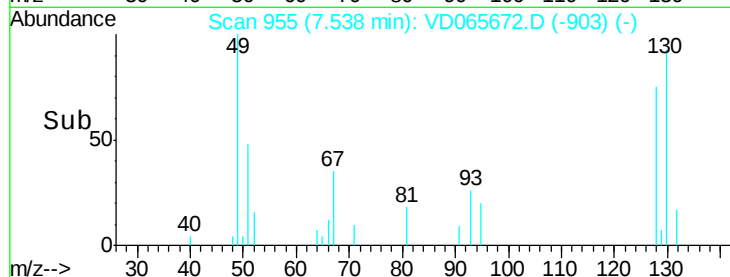
39 65.3 0.0 0.0#

67 68.6 56.0 84.0

52 29.8 27.0 40.4



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



#42

1,2-Dichloroethane

Concen: 10.490 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VD065672.D

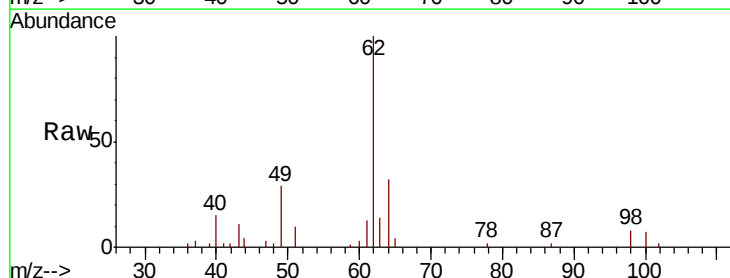
Acq: 24 Apr 2020 12:34

Tgt Ion: 62 Resp: 25590

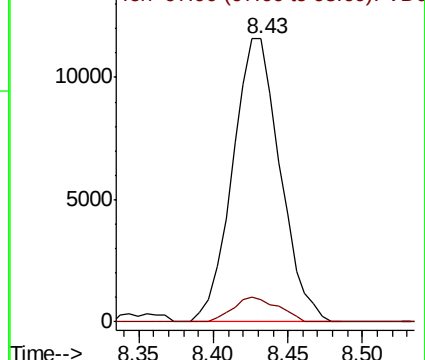
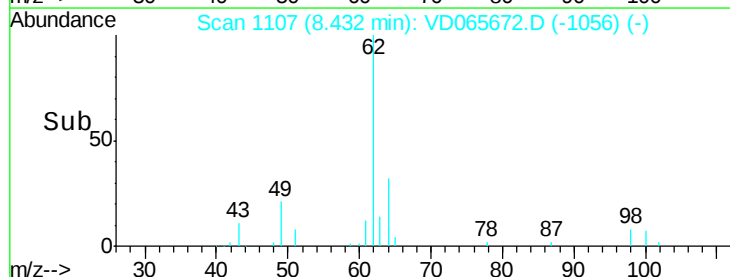
Ion Ratio Lower Upper

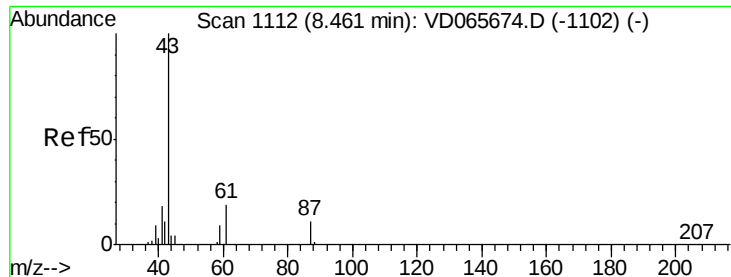
62 100

98 8.4 0.0 17.2



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





#43

Isopropyl Acetate

Concen: 10.554 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Instrument :

MSVOA_D

ClientSampled :

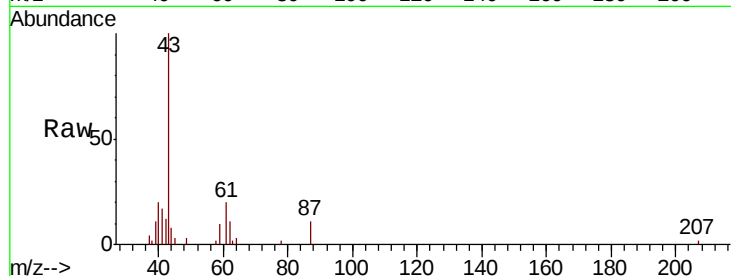
Tot Ion: 43 Resp: 21157

Ion Ratio Lower Upper

43 100

61 16.5 24.4 36.6#

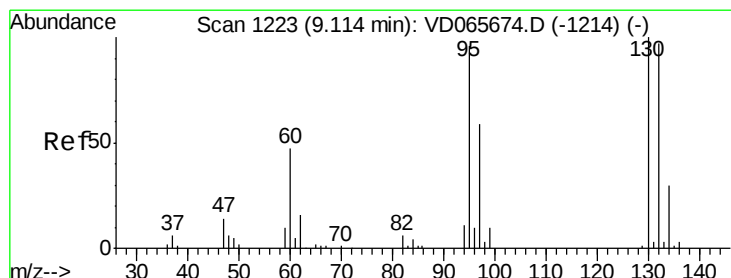
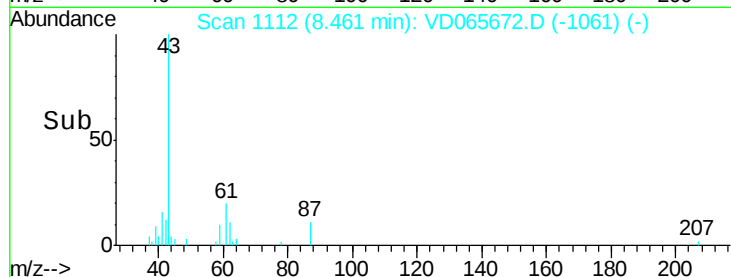
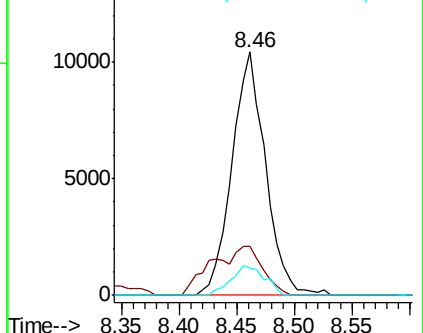
87 12.2 9.3 13.9



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: 10.411 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065672.D

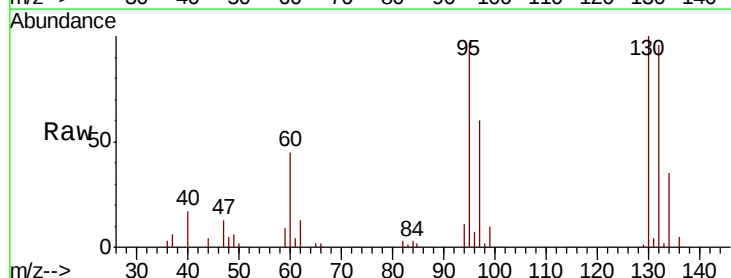
Acq: 24 Apr 2020 12:34

Tgt Ion: 130 Resp: 22889

Ion Ratio Lower Upper

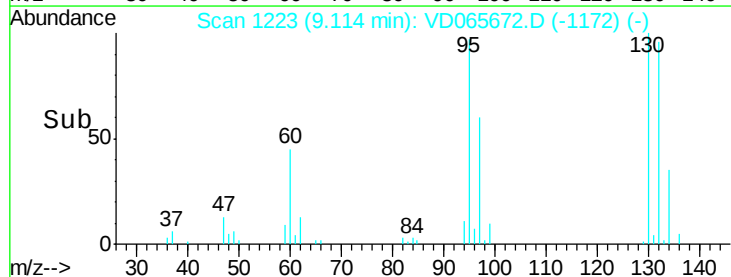
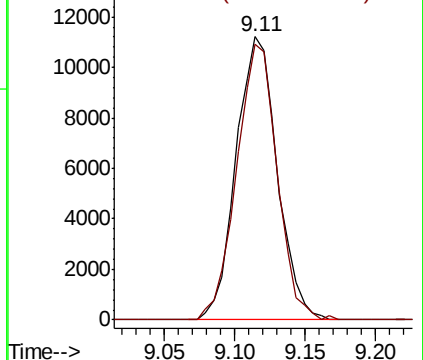
130 100

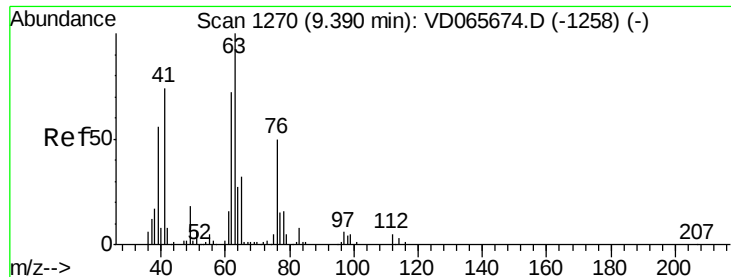
95 97.4 0.0 191.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

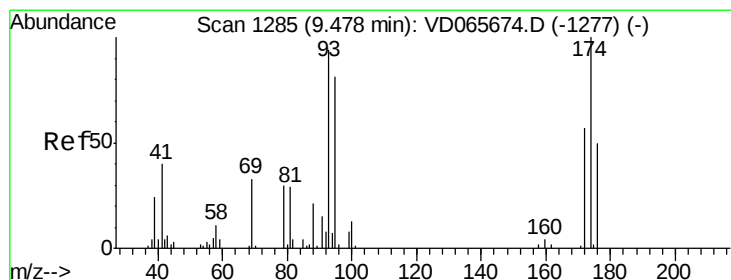
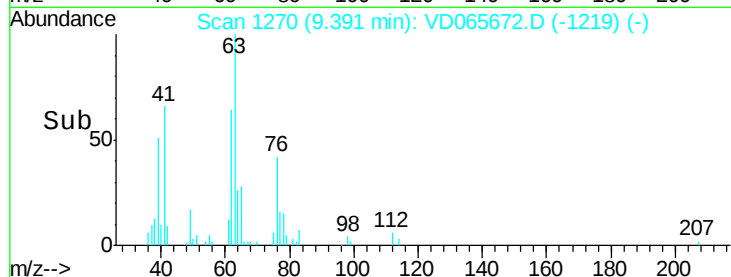
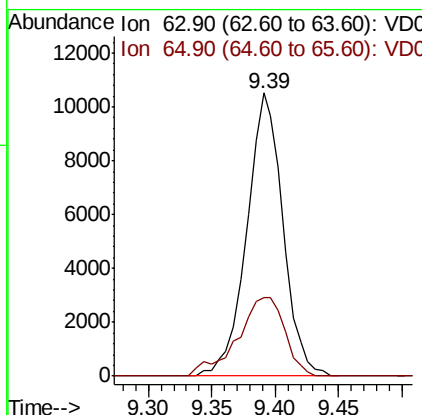
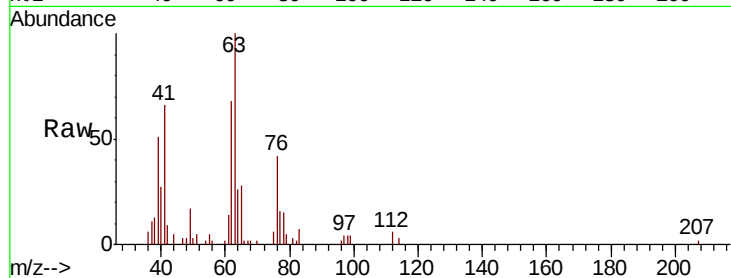




#45
 1,2-Dichloropropane
 Concen: 10.518 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

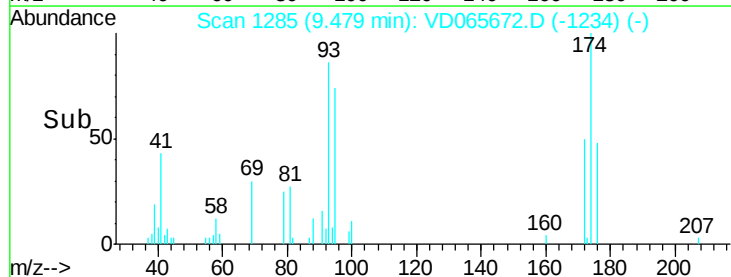
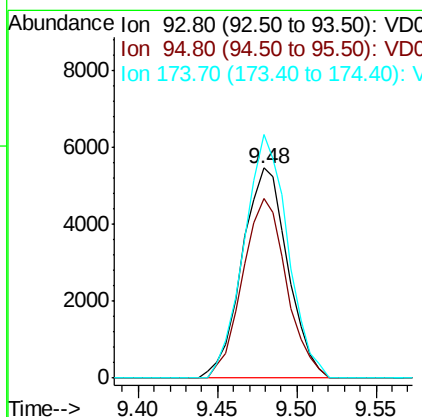
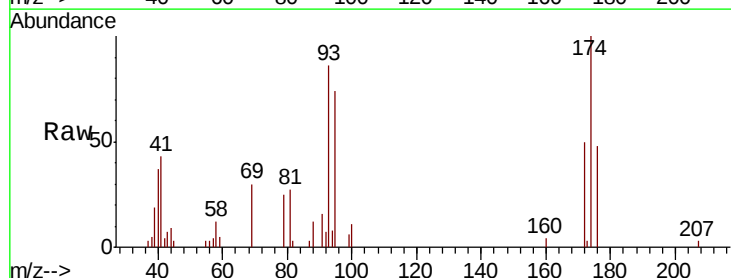
Instrument :
 MSVOA_D
 ClientSampled :

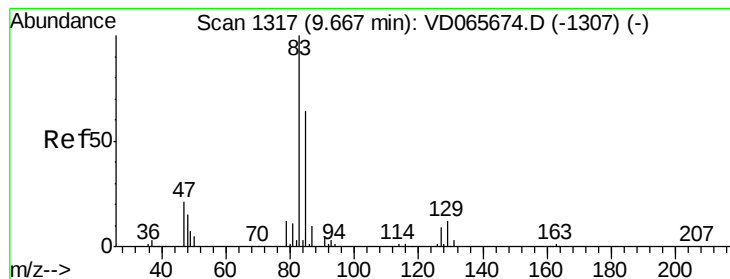
Tot Ion: 63 Resp: 20839
 Ion Ratio Lower Upper
 63 100
 65 27.7 25.5 38.3



#46
 Dibromomethane
 Concen: 10.676 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

Tgt Ion: 93 Resp: 10964
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.1 99.1
 174 110.9 86.4 129.6





#47

Bromodichloromethane

Concen: 10.371 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Instrument :

MSVOA_D

ClientSampleId :

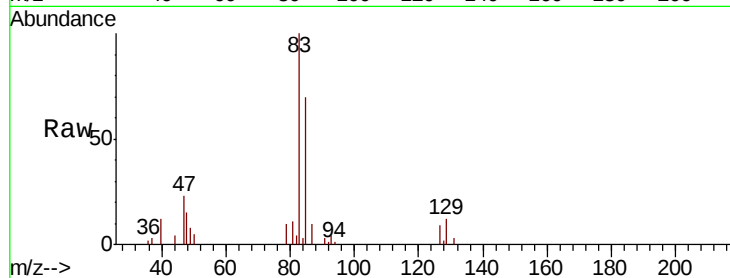
Tot Ion: 83 Resp: 29263

Ion Ratio Lower Upper

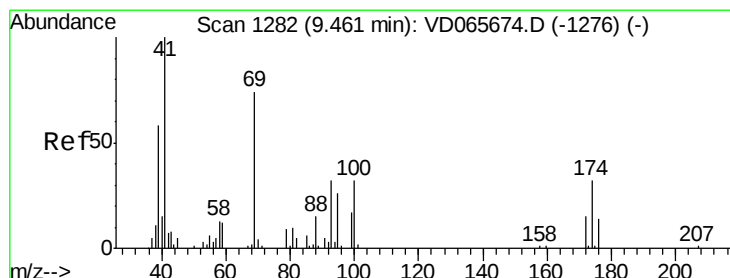
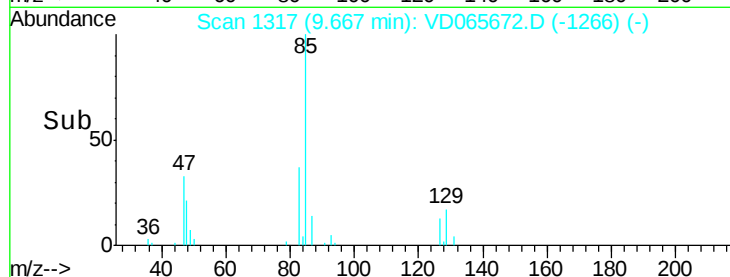
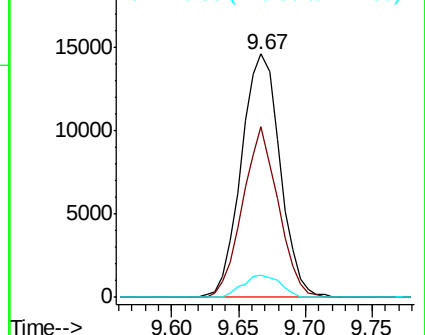
83 100

85 70.3 51.0 76.6

127 9.1 7.1 10.7



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



#48

Methyl methacrylate

Concen: 10.217 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

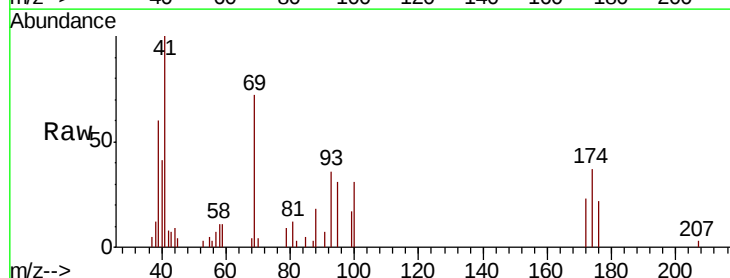
Tgt Ion: 41 Resp: 9949

Ion Ratio Lower Upper

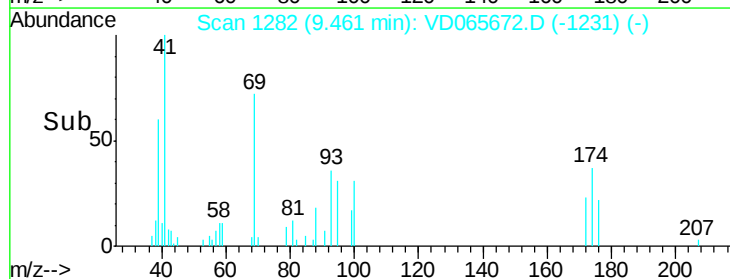
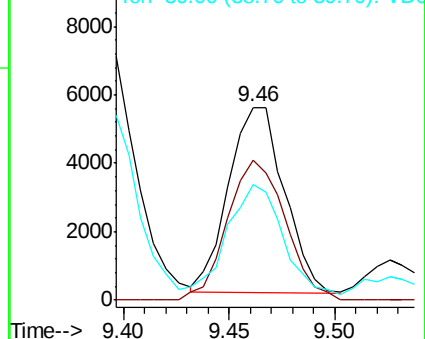
41 100

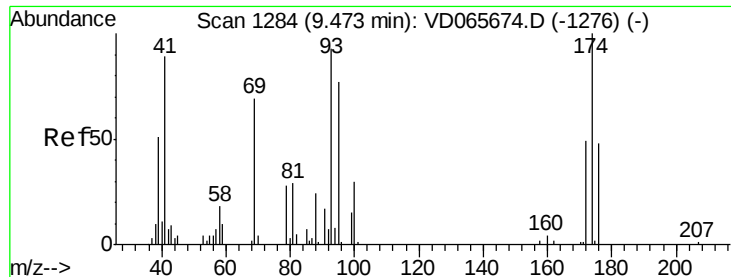
69 78.5 62.4 93.6

39 66.3 48.9 73.3



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

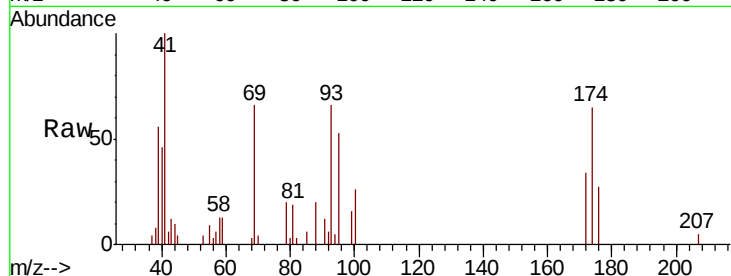




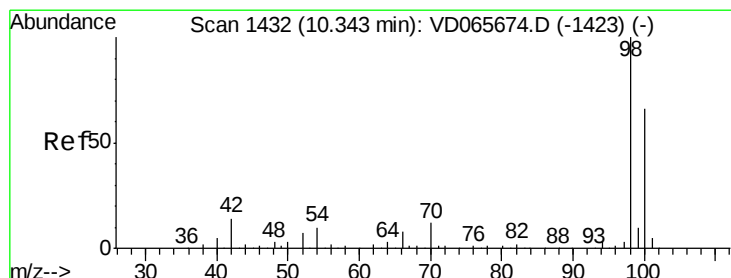
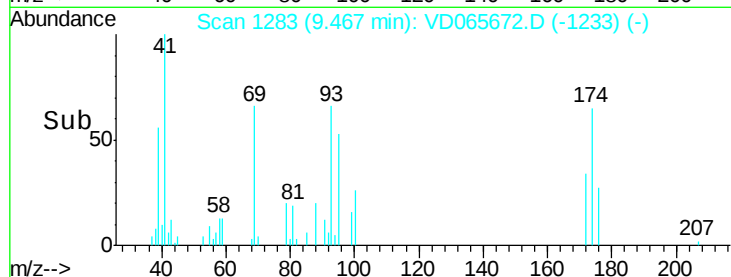
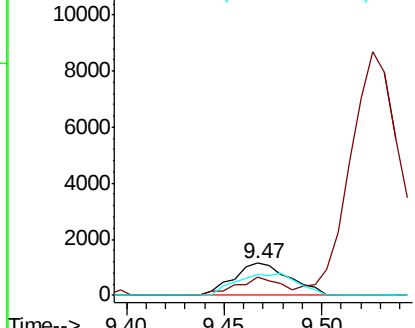
#49
 1,4-Dioxane
 Concen: 215.131 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 88 Resp: 2301
 Ion Ratio Lower Upper
 88 100
 43 43.6 34.2 51.2
 58 71.7 58.2 87.2

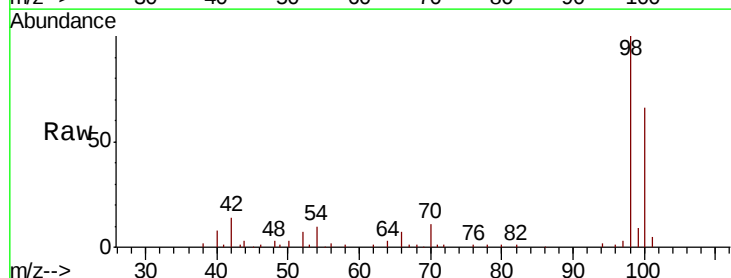


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

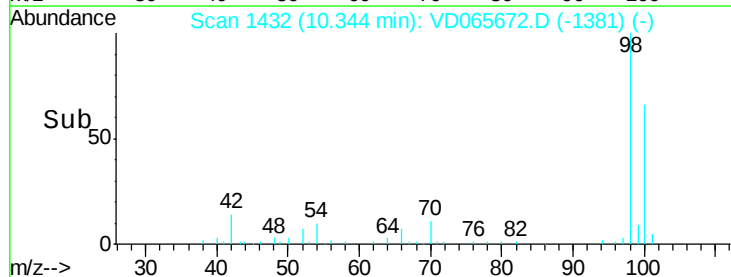
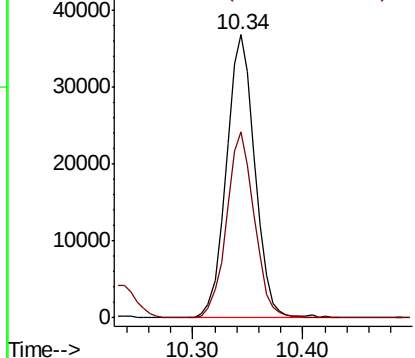


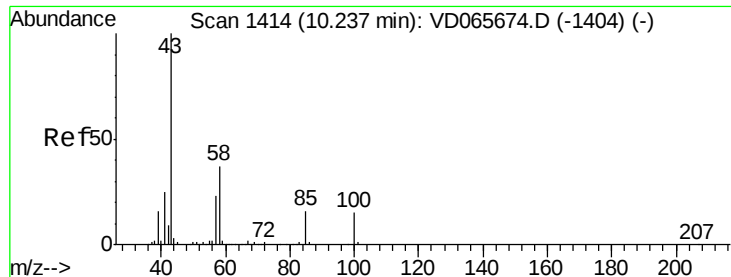
#50
 Toluene-d8
 Concen: 10.148 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

Tgt Ion: 98 Resp: 66167
 Ion Ratio Lower Upper
 98 100
 100 64.1 52.2 78.4



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: 52.284 ug/l

RT: 10.24 min Scan# 1414

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Instrument :

MSVOA_D

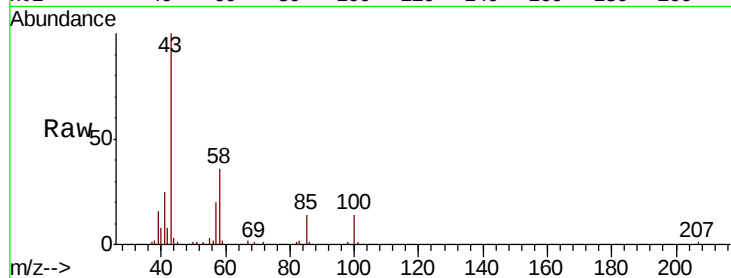
ClientSampleId :

Tot Ion: 43 Resp: 53741

Ion Ratio Lower Upper

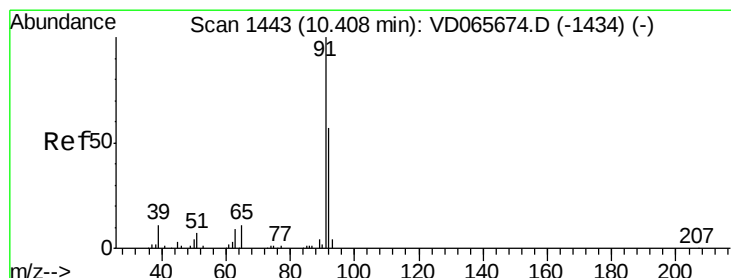
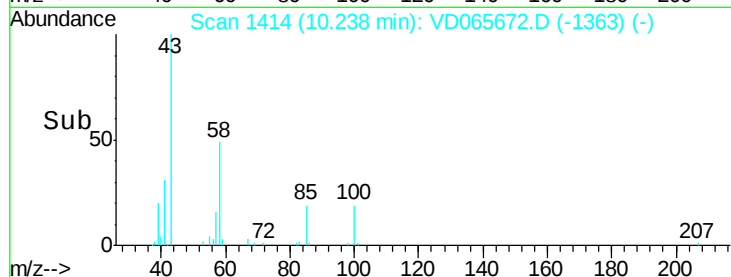
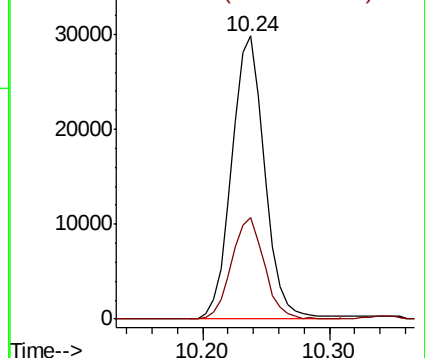
43 100

58 35.4 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 10.471 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD065672.D

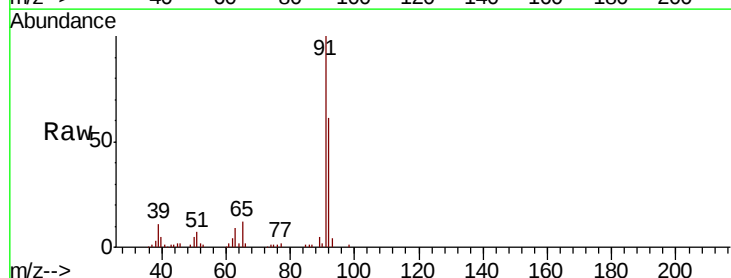
Acq: 24 Apr 2020 12:34

Tgt Ion: 92 Resp: 49435

Ion Ratio Lower Upper

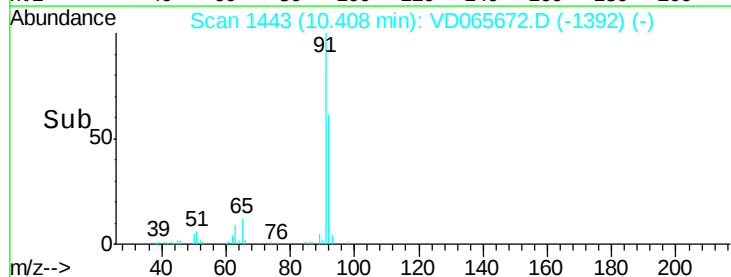
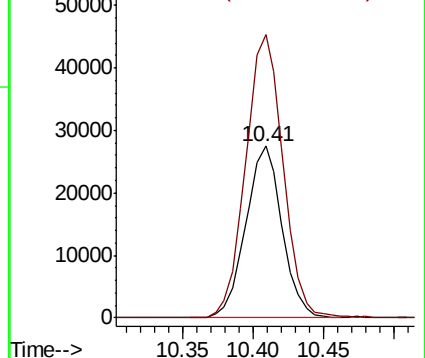
92 100

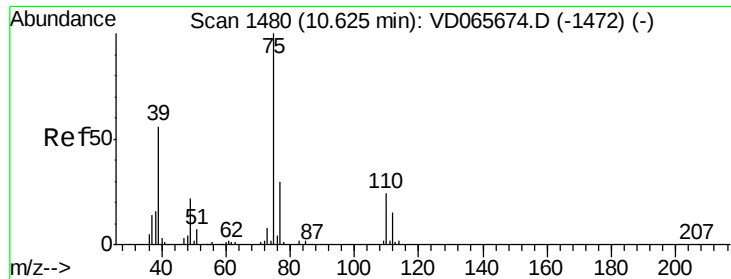
91 170.2 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 10.452 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Instrument :

MSVOA_D

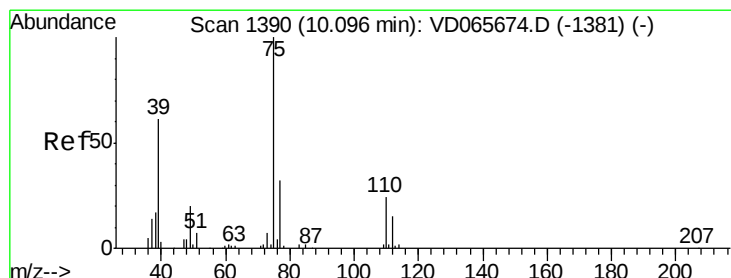
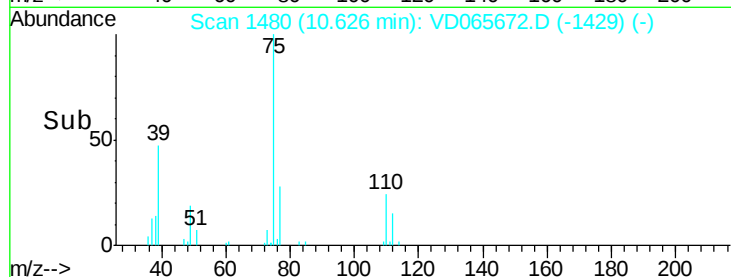
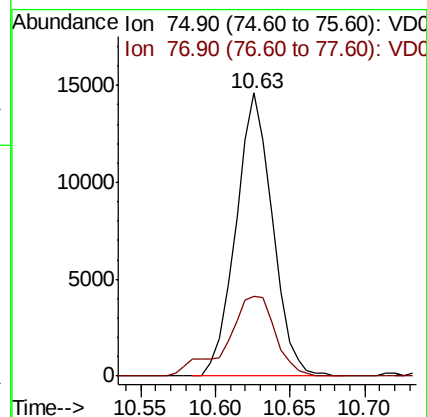
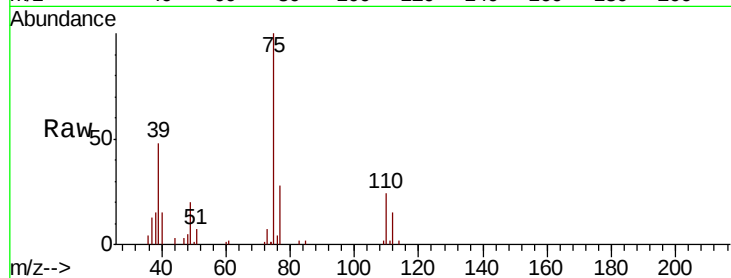
ClientSampleId :

Tot Ion: 75 Resp: 24880

Ion Ratio Lower Upper

75 100

77 28.1 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 10.422 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

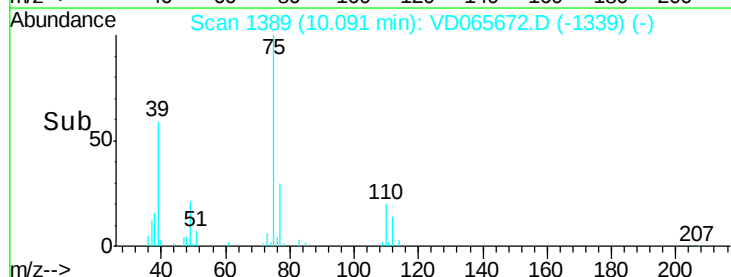
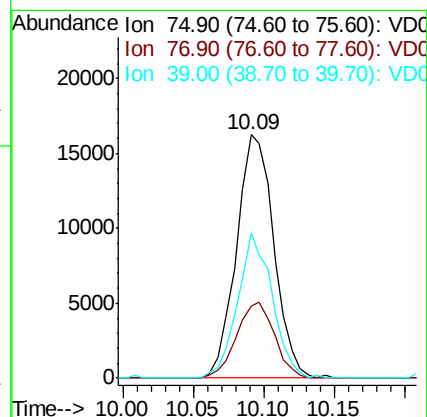
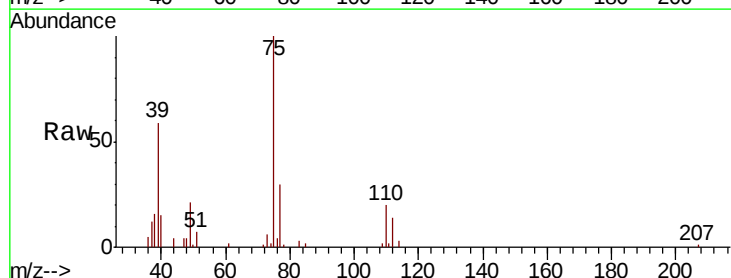
Tgt Ion: 75 Resp: 30051

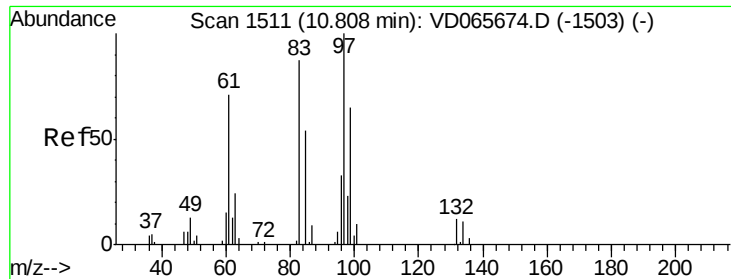
Ion Ratio Lower Upper

75 100

77 29.7 25.4 38.0

39 59.5 48.5 72.7

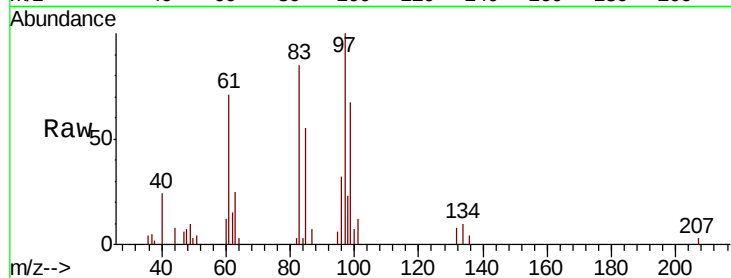




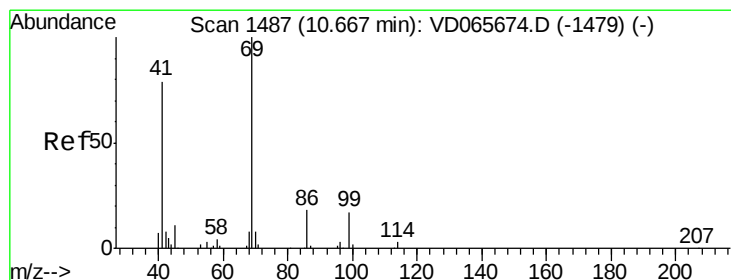
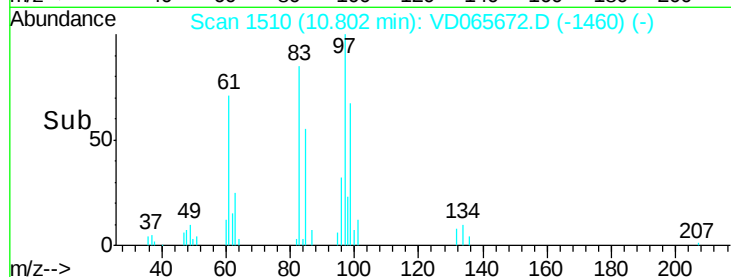
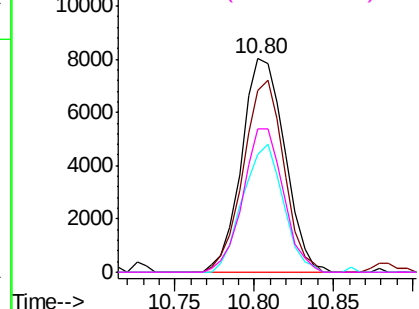
#55
 1,1,2-Trichloroethane
 Concen: 10.558 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:	97	Resp:	15195
Ion	Ratio	Lower	Upper
97	100		
83	85.3	69.6	104.4
85	55.2	43.5	65.3
99	67.3	51.7	77.5

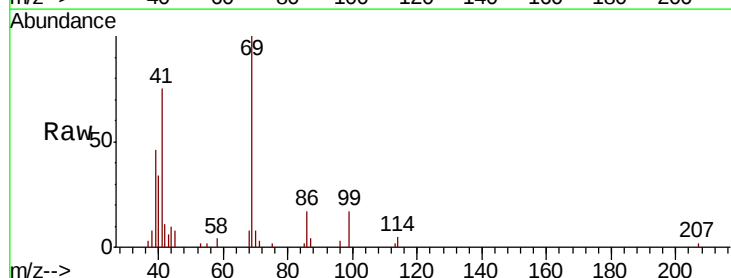


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

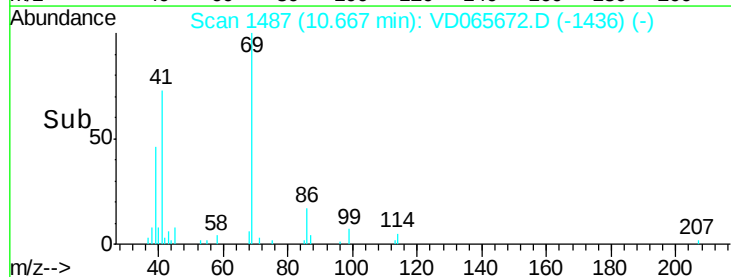
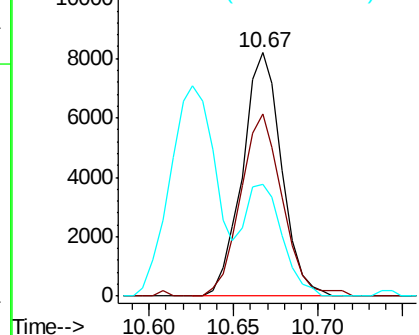


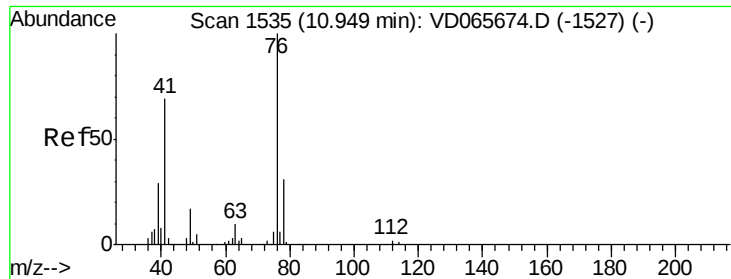
#56
 Ethyl methacrylate
 Concen: 9.836 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

Tgt Ion:	69	Resp:	13205
Ion	Ratio	Lower	Upper
69	100		
41	79.9	62.3	93.5
39	44.8	34.4	51.6



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

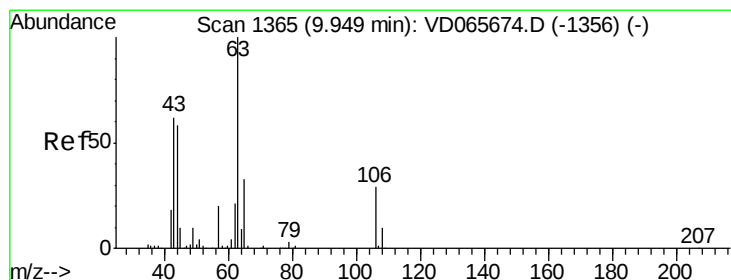
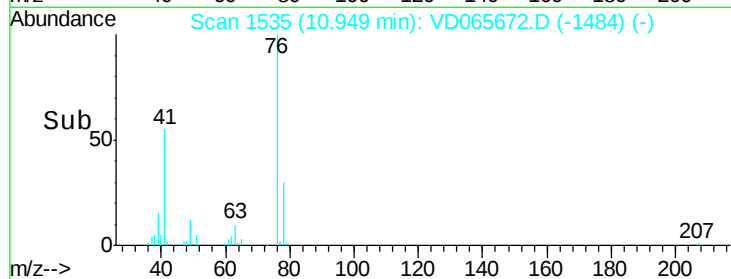
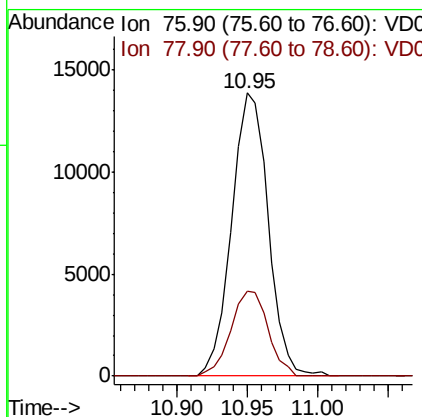
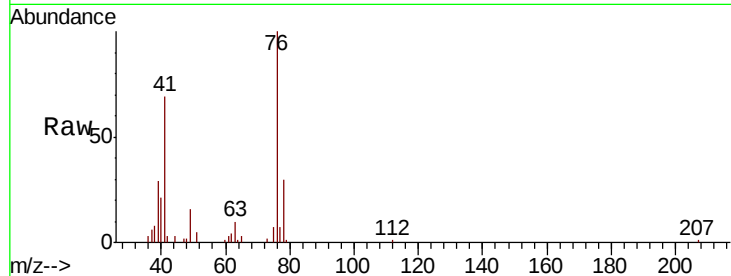




#57
 1,3-Dichloropropane
 Concen: 10.498 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

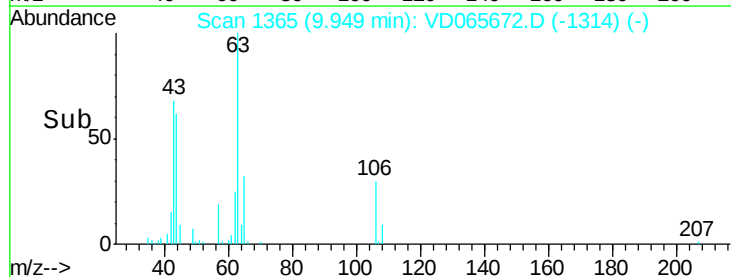
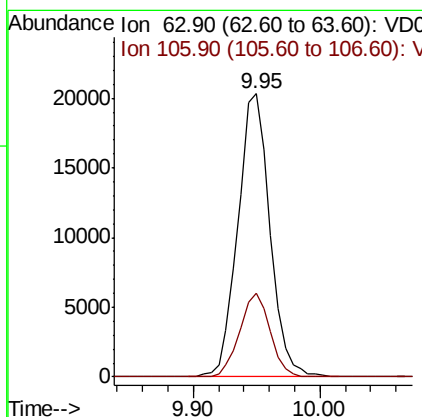
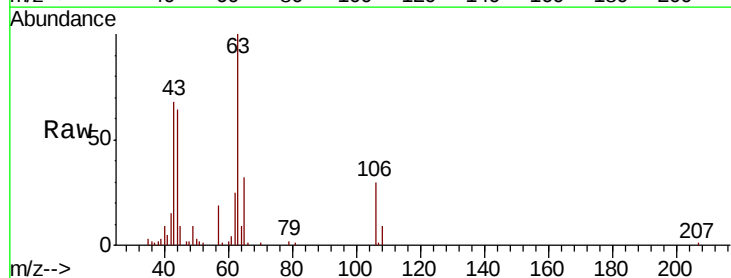
Instrument :
 MSVOA_D
 ClientSampleId :

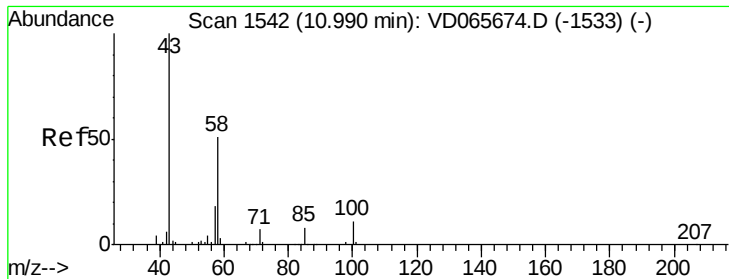
Tot Ion: 76 Resp: 25054
 Ion Ratio Lower Upper
 76 100
 78 30.6 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 49.518 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

Tgt Ion: 63 Resp: 35605
 Ion Ratio Lower Upper
 63 100
 106 28.1 22.9 34.3

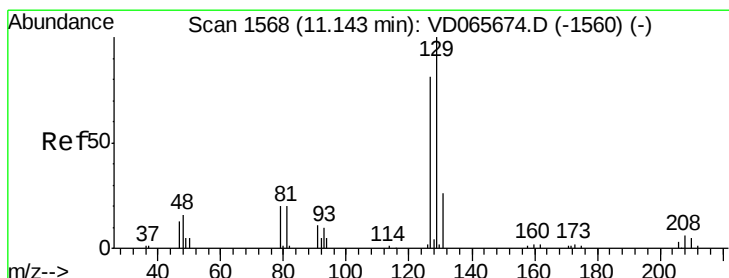
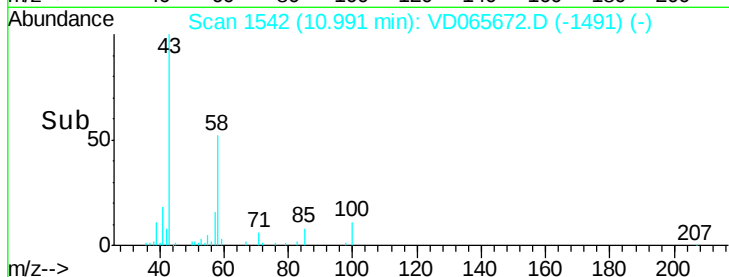
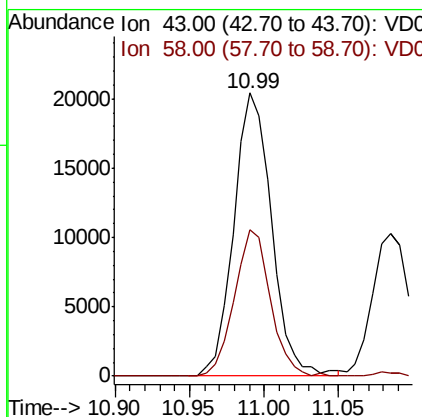
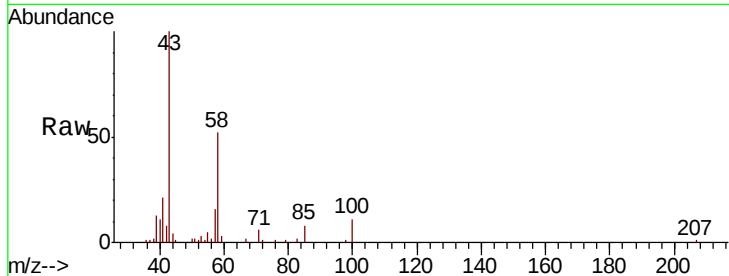




#59
2-Hexanone
Concen: 51.600 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

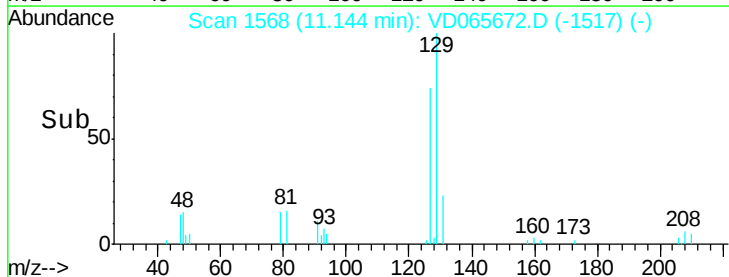
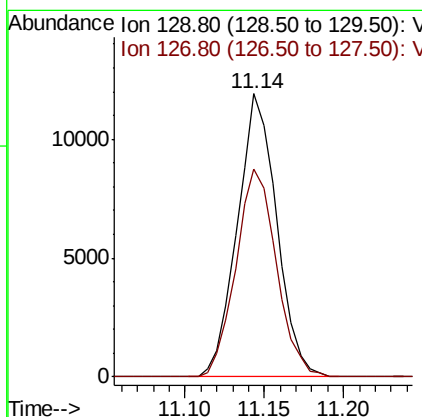
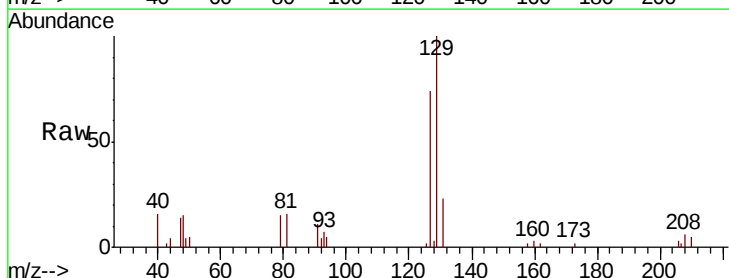
Instrument :
MSVOA_D
ClientSampleId :

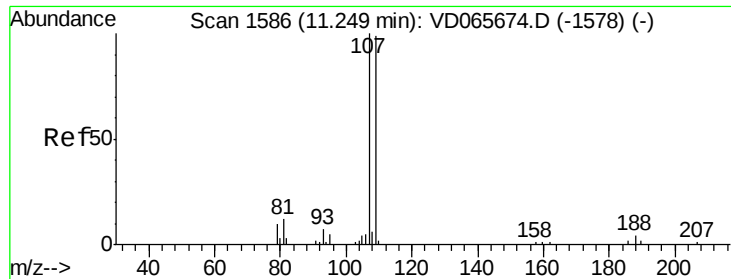
Tot Ion: 43 Resp: 35971
Ion Ratio Lower Upper
43 100
58 49.0 24.9 74.7



#60
Dibromochloromethane
Concen: 10.671 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Tgt Ion: 129 Resp: 20505
Ion Ratio Lower Upper
129 100
127 75.5 39.5 118.5

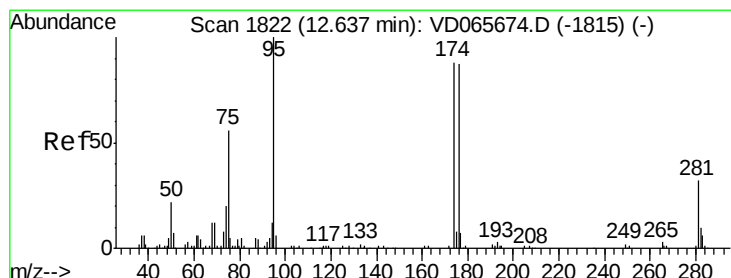
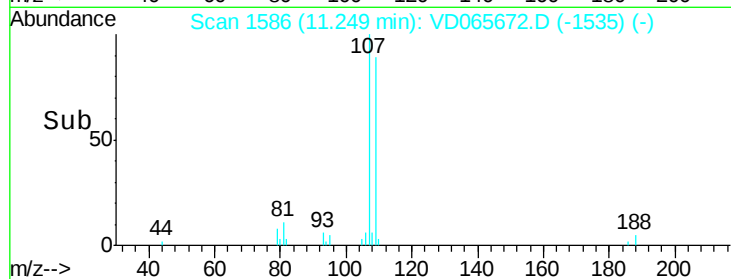
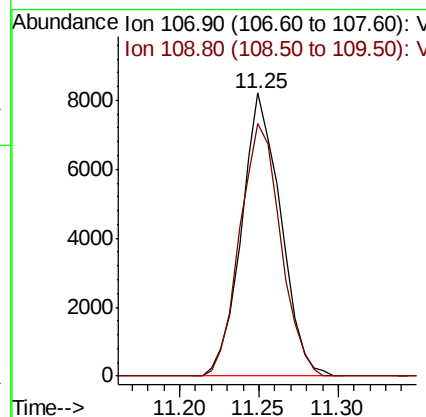
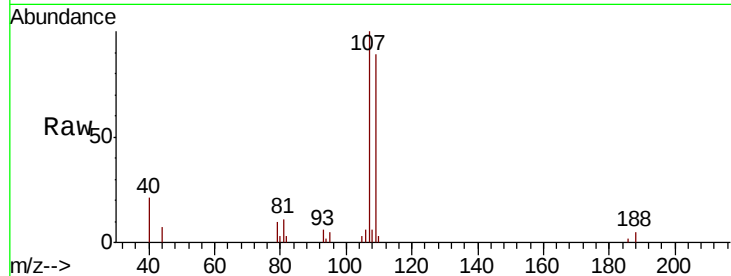




#61
1,2-Dibromoethane
Concen: 10.642 ug/l
RT: 11.25 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

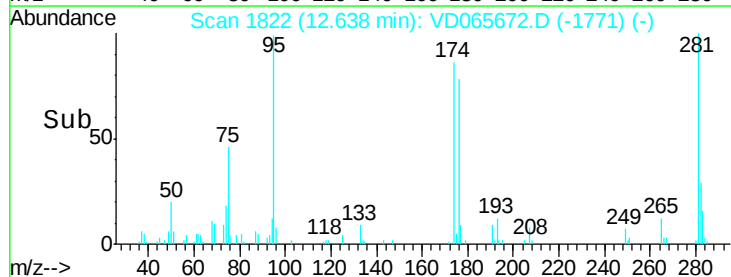
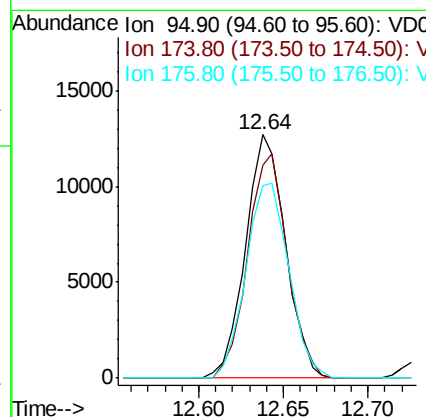
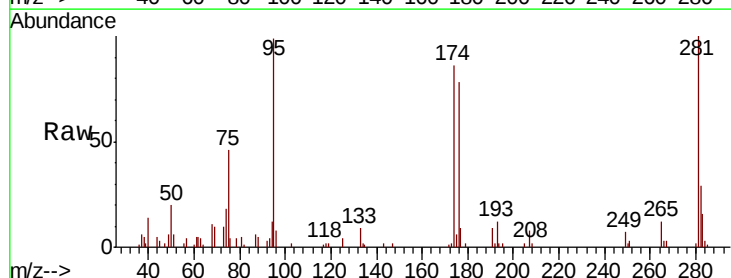
Instrument :
MSVOA_D
ClientSampleId :

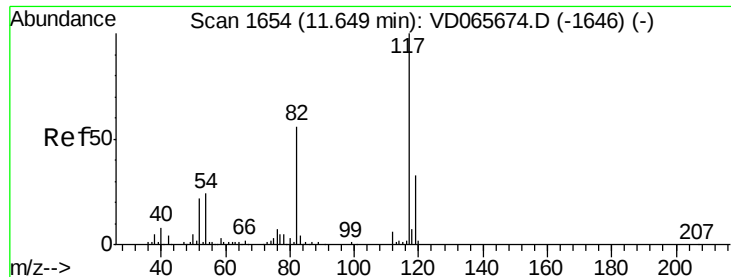
Tot Ion:107 Resp: 14082
Ion Ratio Lower Upper
107 100
109 92.9 77.2 115.8



#62
4-Bromofluorobenzene
Concen: 9.932 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Tgt Ion: 95 Resp: 20925
Ion Ratio Lower Upper
95 100
174 91.5 0.0 181.0
176 85.6 0.0 178.0

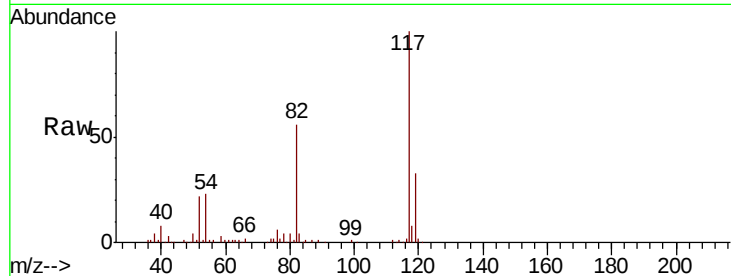




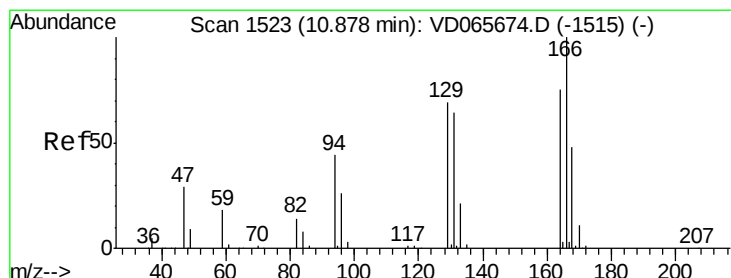
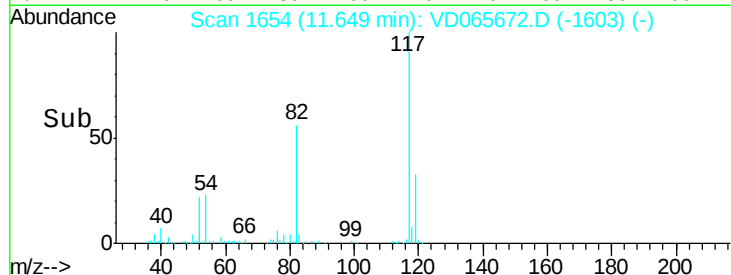
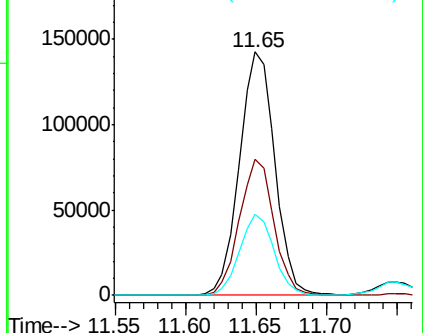
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.6	67.0
119	33.3	26.2	39.2



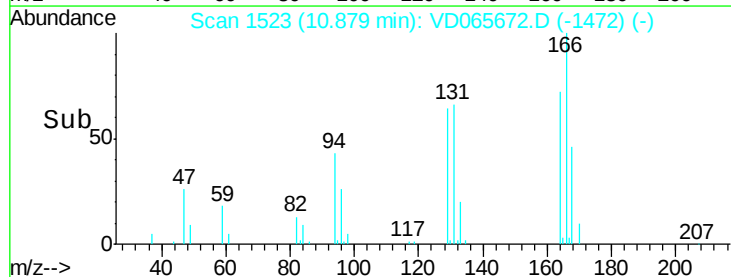
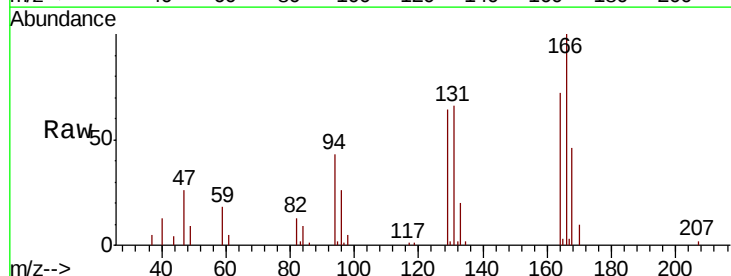
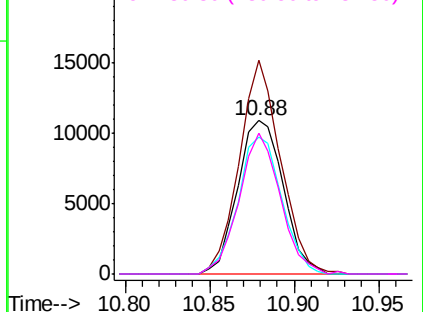
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

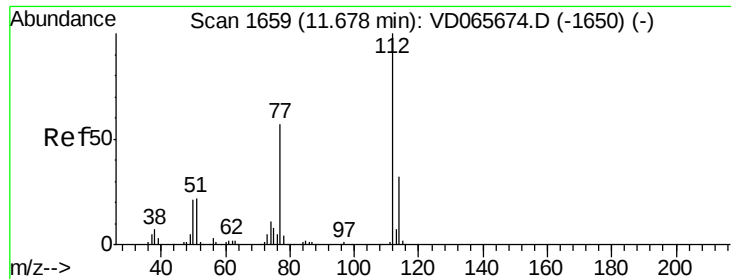


#64
Tetrachloroethene
Concen: 10.597 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	139.2	106.1	159.1
129	88.9	73.0	109.4
131	91.6	68.1	102.1

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

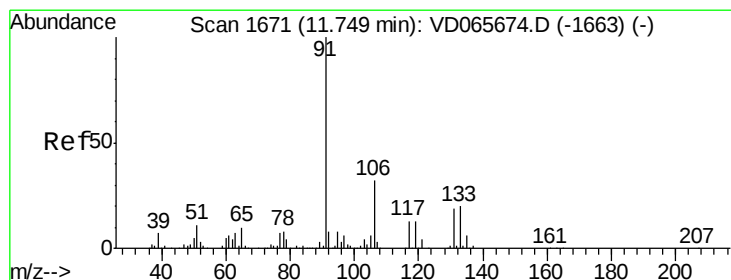
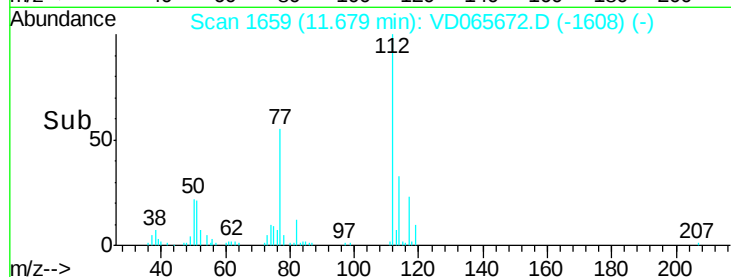
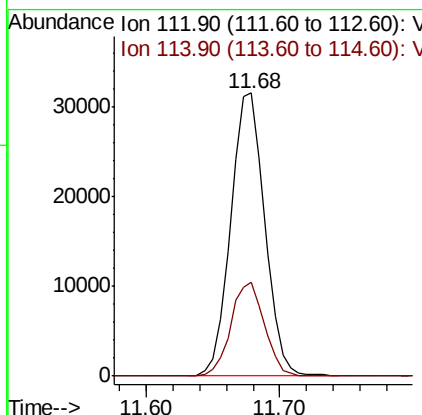
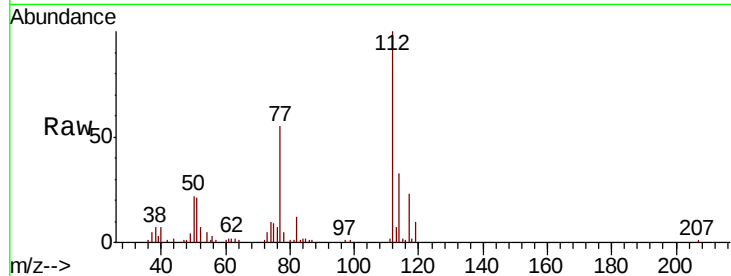




#65
Chlorobenzene
Concen: 10.503 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

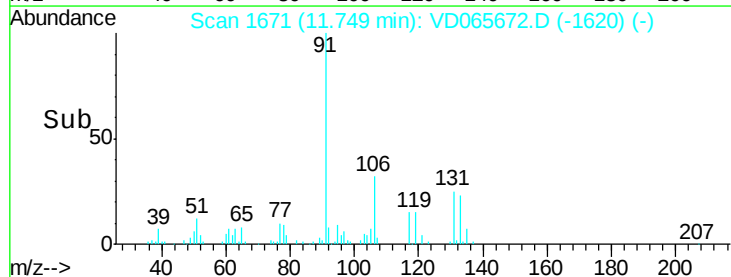
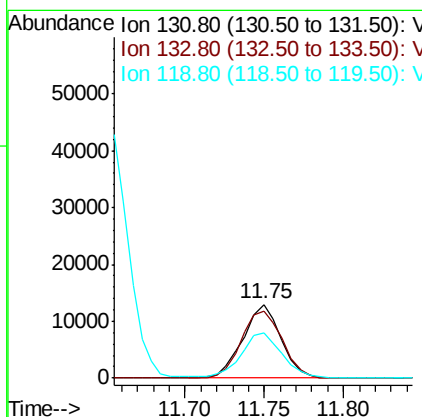
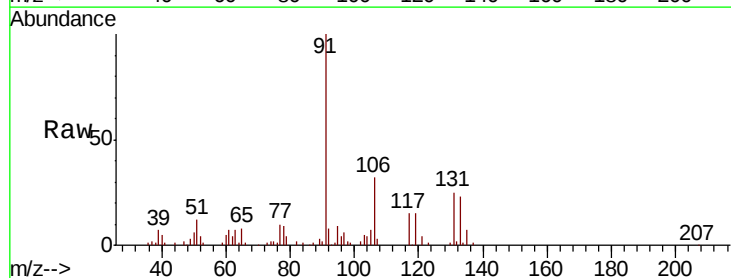
Instrument :
MSVOA_D
ClientSampleId :

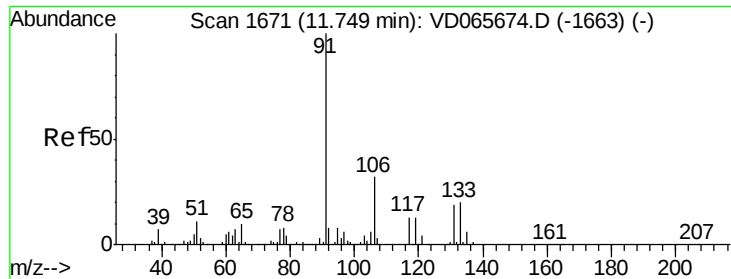
Tot Ion:112 Resp: 56006
Ion Ratio Lower Upper
112 100
114 33.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 10.494 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Tgt Ion:131 Resp: 21621
Ion Ratio Lower Upper
131 100
133 97.6 48.9 146.7
119 65.7 32.6 97.7





#67

Ethyl Benzene

Concen: 10.097 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Instrument :

MSVOA_D

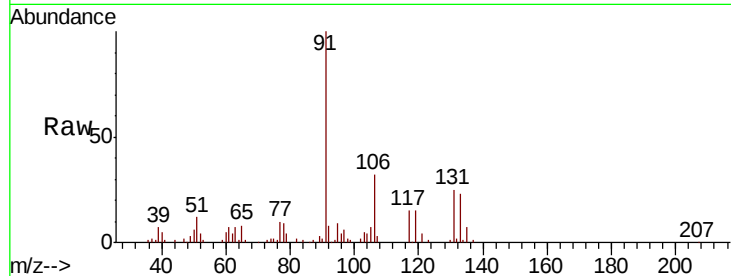
ClientSampleId :

Tot Ion: 91 Resp: 86886

Ion Ratio Lower Upper

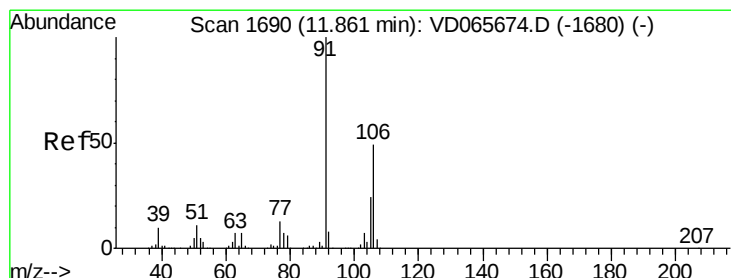
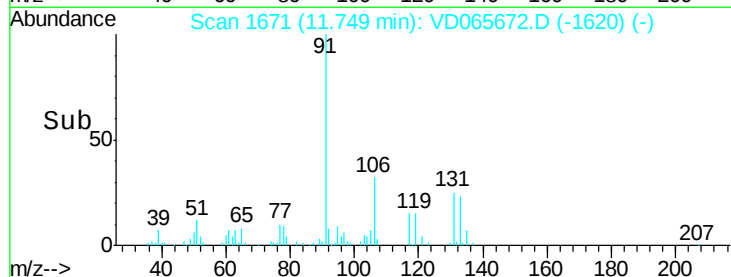
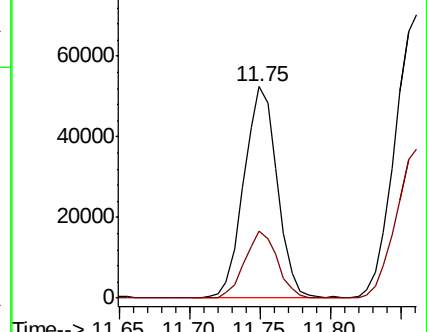
91 100

106 31.6 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 20.629 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VD065672.D

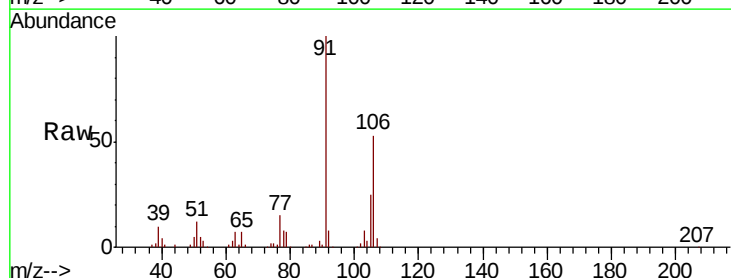
Acq: 24 Apr 2020 12:34

Tgt Ion: 106 Resp: 69161

Ion Ratio Lower Upper

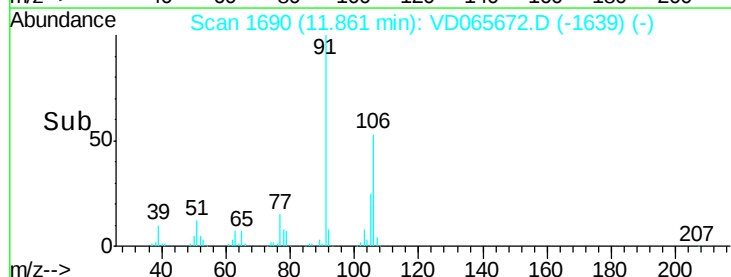
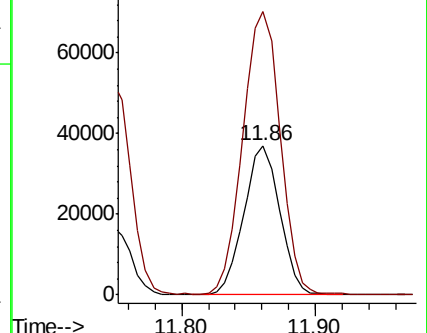
106 100

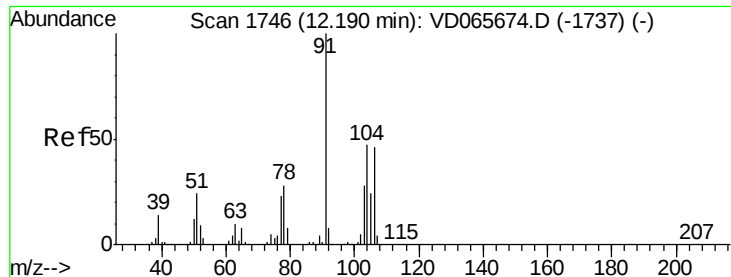
91 198.2 163.6 245.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

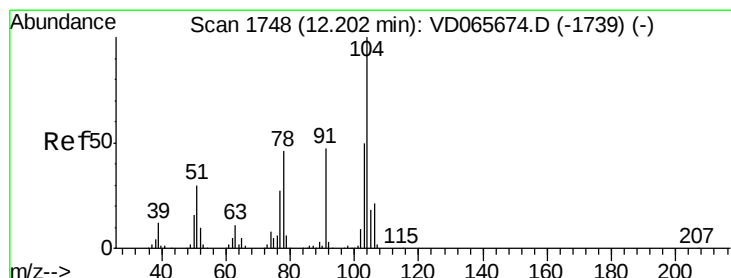
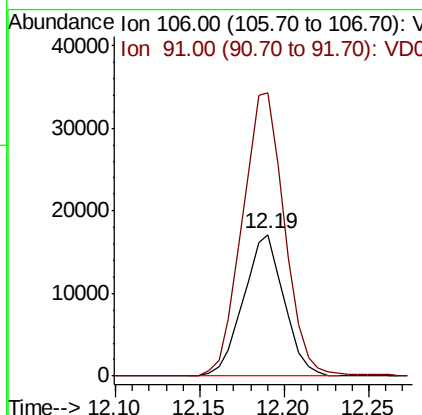
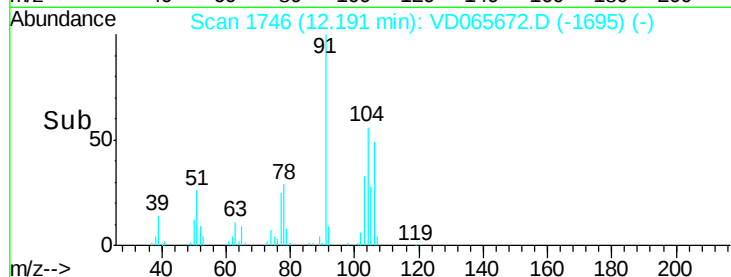
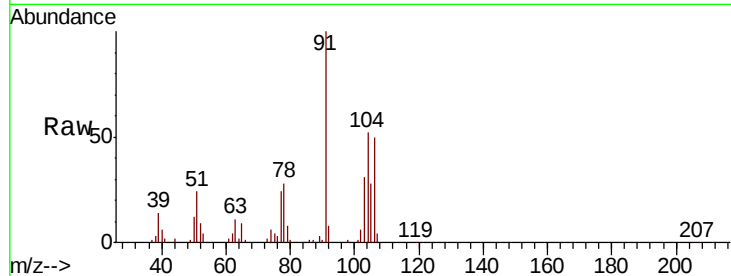




#69
o-Xylene
Concen: 10.144 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

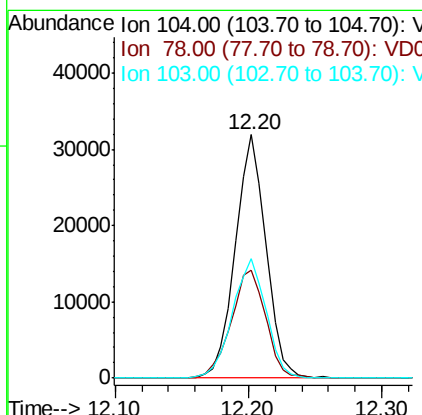
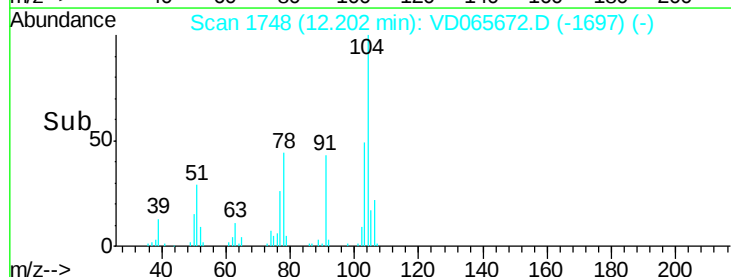
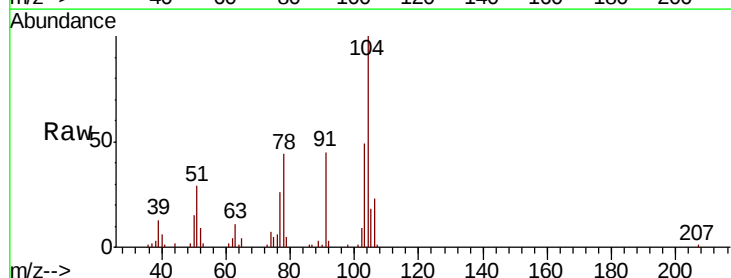
Instrument :
MSVOA_D
ClientSampled :

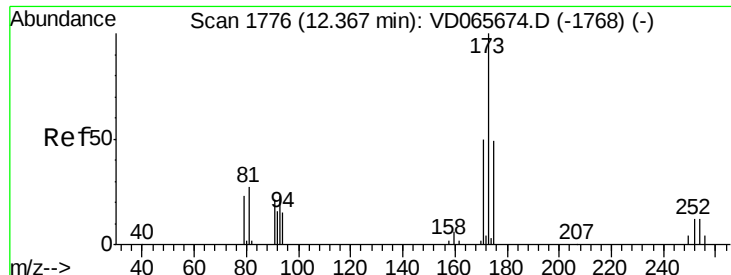
Tot Ion:106 Resp: 28500
Ion Ratio Lower Upper
106 100
91 209.4 109.9 329.8



#70
Styrene
Concen: 9.977 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Tgt Ion:104 Resp: 50767
Ion Ratio Lower Upper
104 100
78 50.2 39.6 59.4
103 53.9 43.7 65.5

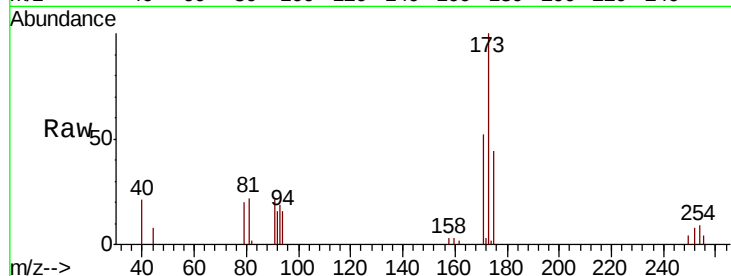




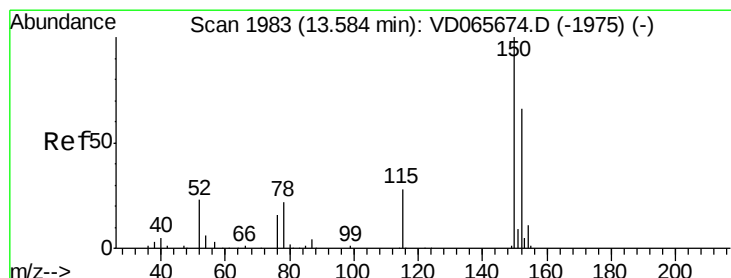
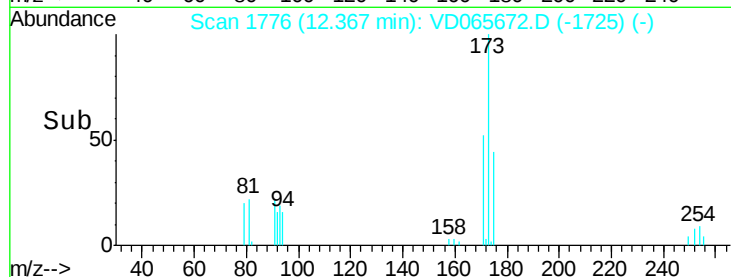
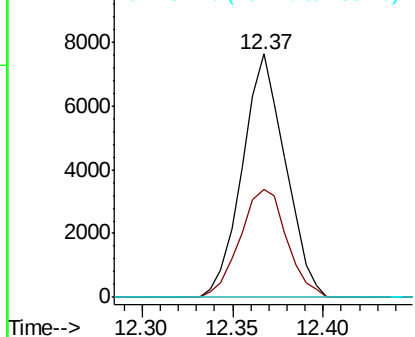
#71
Bromoform
Concen: 10.923 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:173 Resp: 12585
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0

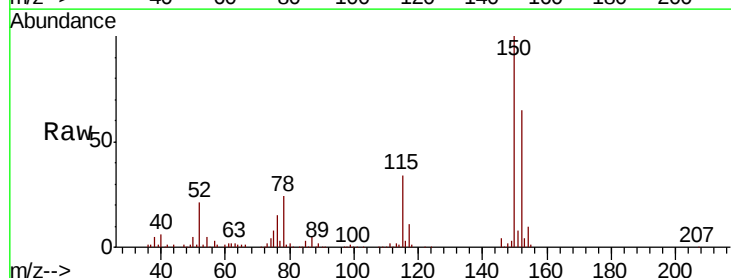


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

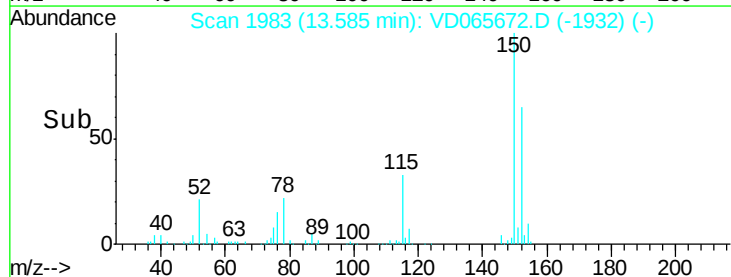
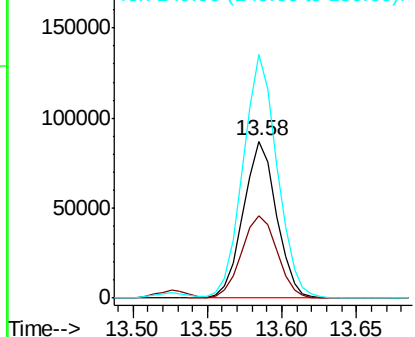


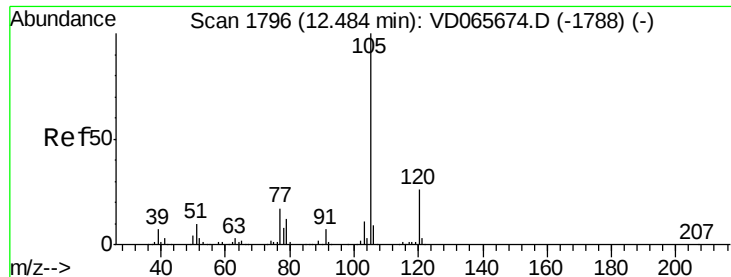
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Tgt Ion:152 Resp: 134242
Ion Ratio Lower Upper
152 100
115 56.1 28.1 84.2
150 160.0 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 9.891 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Instrument :

MSVOA_D

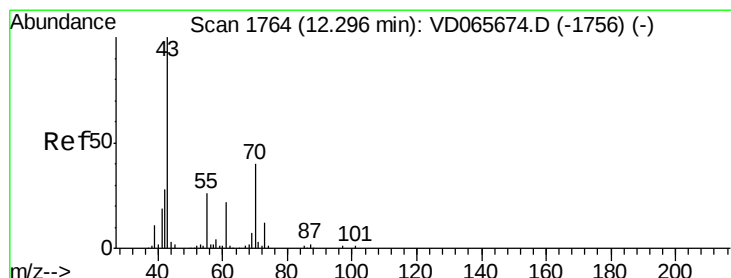
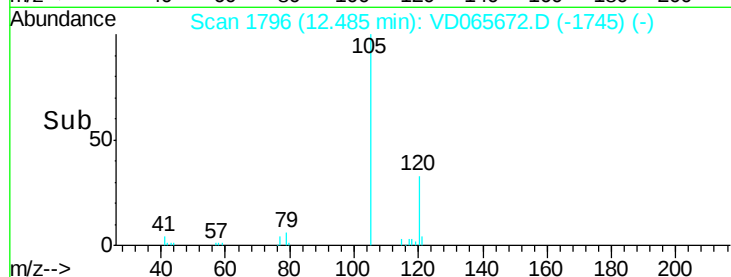
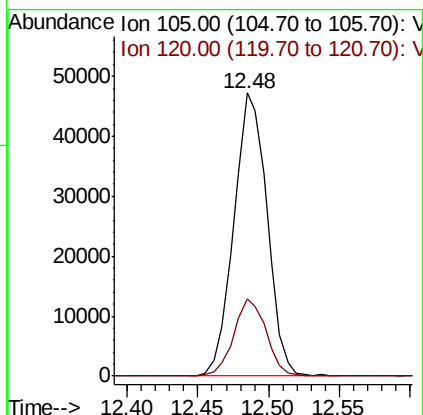
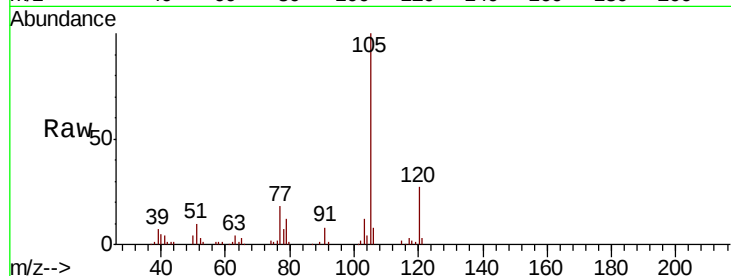
ClientSampleId :

Tot Ion:105 Resp: 77457

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



#74

N-ethyl acetate

Concen: 10.234 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Tgt Ion: 43 Resp: 18063

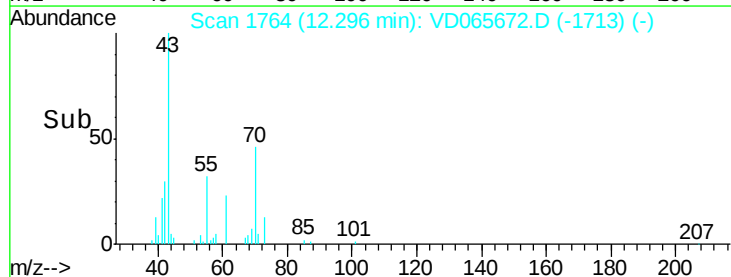
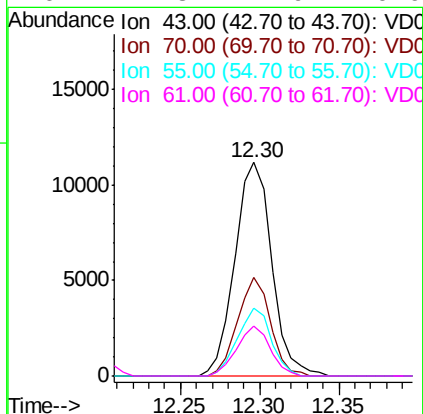
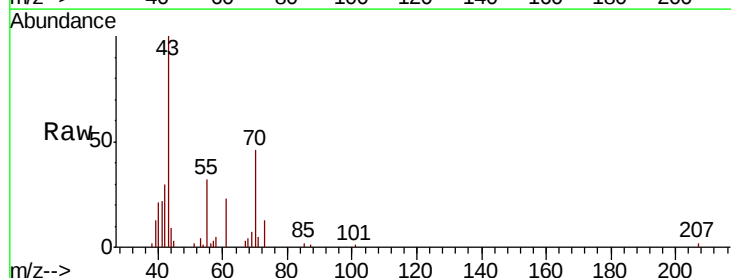
Ion Ratio Lower Upper

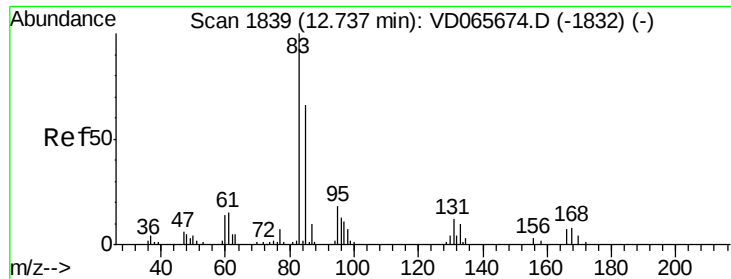
43 100

70 41.0 32.2 48.4

55 28.8 21.4 32.2

61 21.3 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 10.598 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Instrument :

MSVOA_D

ClientSampleId :

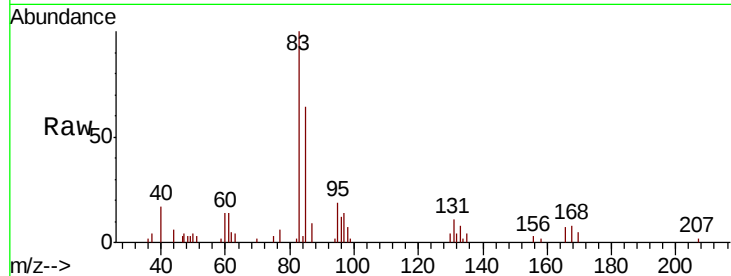
Tot Ion: 83 Resp: 16699

Ion Ratio Lower Upper

83 100

131 10.5 5.5 16.7

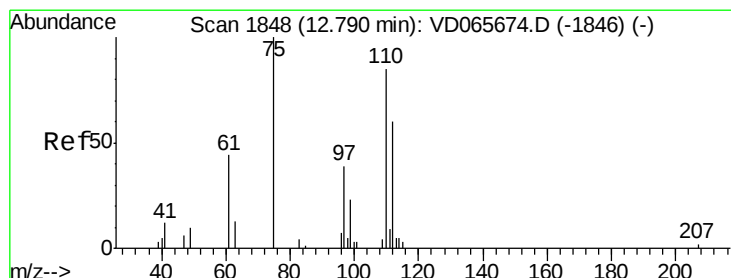
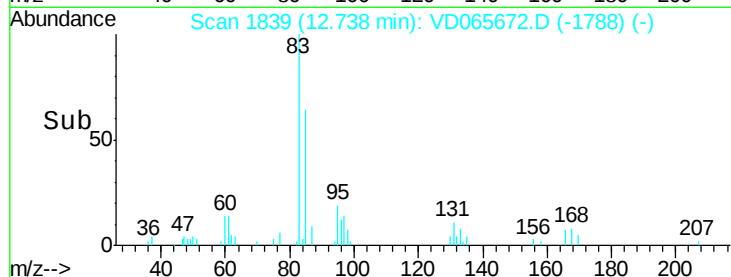
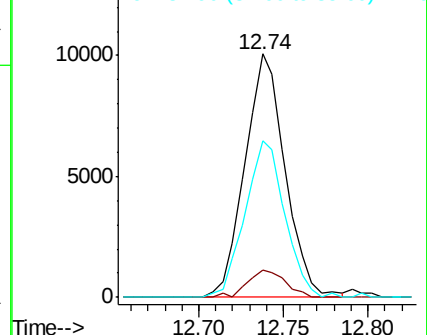
85 63.6 32.1 96.3



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: 17.992 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065672.D

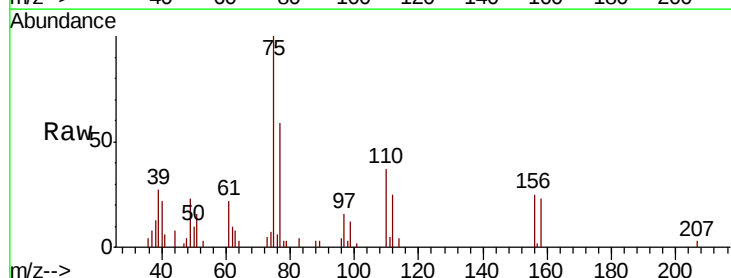
Acq: 24 Apr 2020 12:34

Tgt Ion: 75 Resp: 21374

Ion Ratio Lower Upper

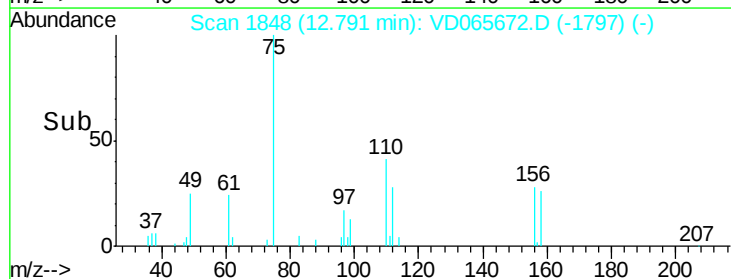
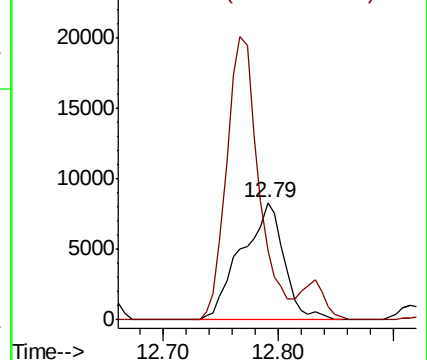
75 100

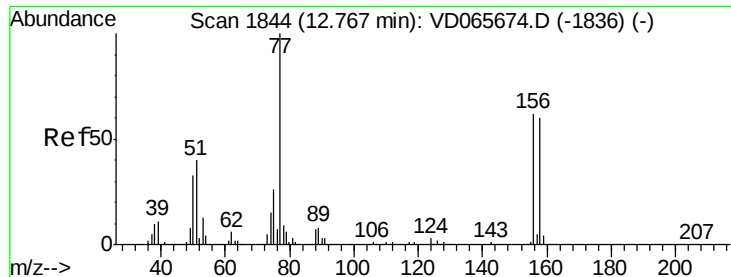
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 10.229 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Instrument :

MSVOA_D

ClientSampleId :

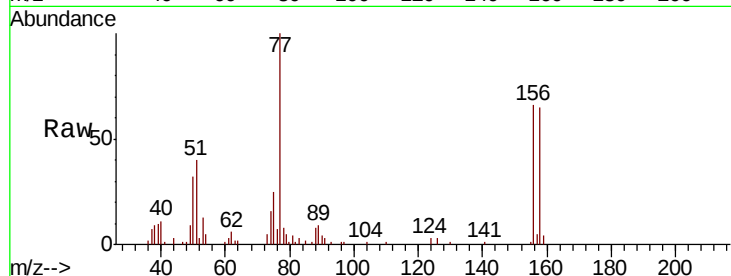
Tot Ion:156 Resp: 22186

Ion Ratio Lower Upper

156 100

77 174.2 87.3 261.9

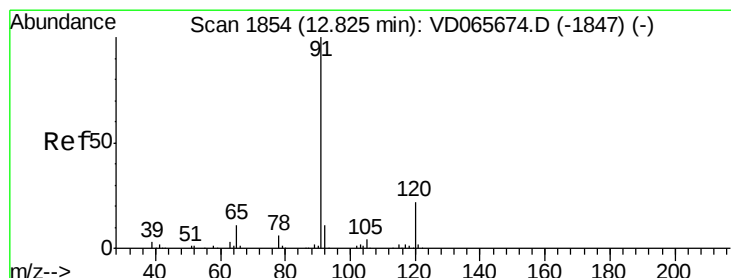
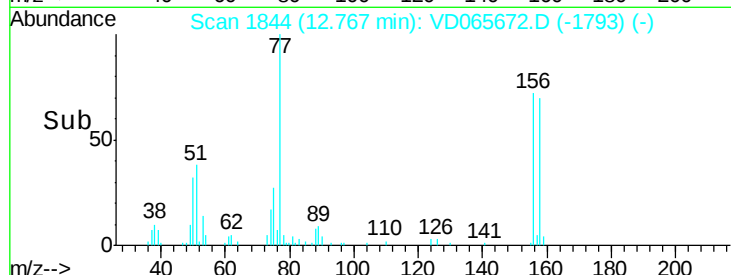
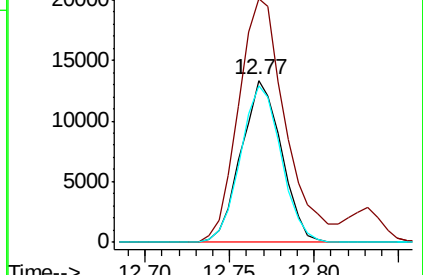
158 97.5 47.8 143.4



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: 10.081 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065672.D

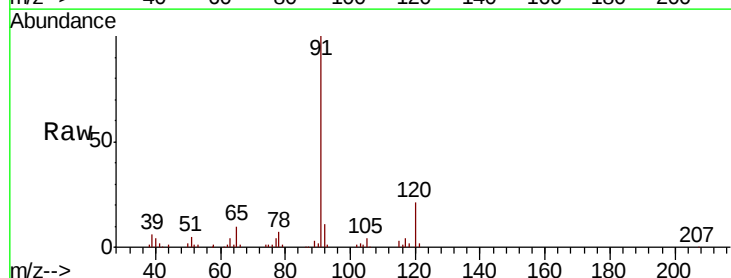
Acq: 24 Apr 2020 12:34

Tgt Ion: 91 Resp: 99116

Ion Ratio Lower Upper

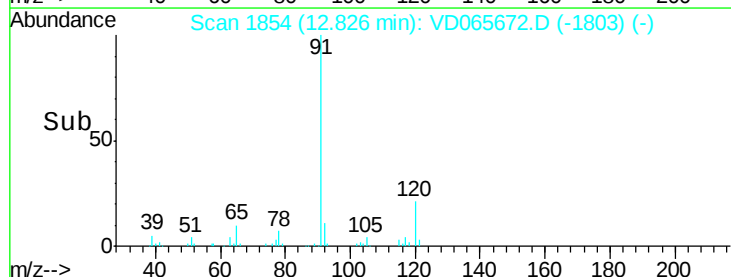
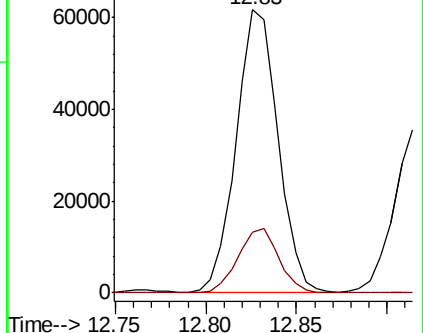
91 100

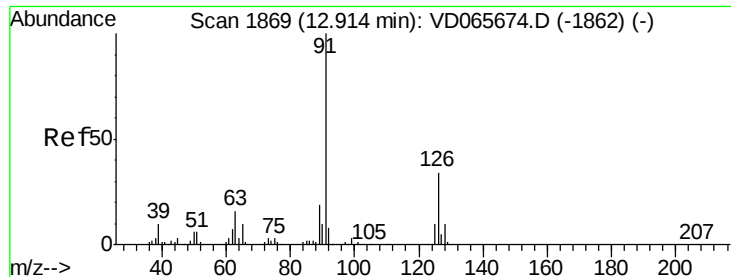
120 22.1 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.454 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Instrument :

MSVOA_D

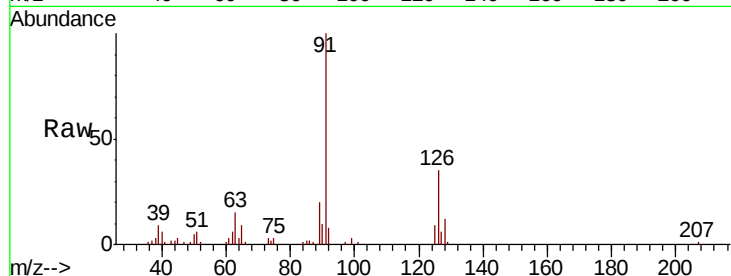
ClientSampled :

Tot Ion: 91 Resp: 59609

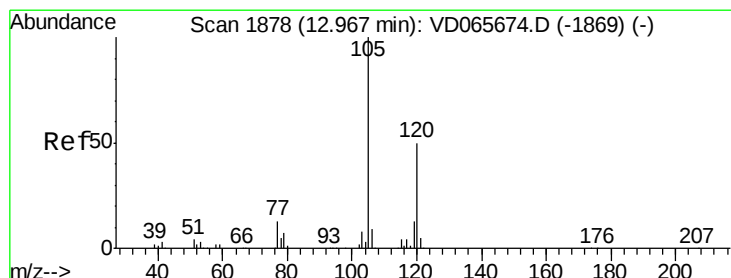
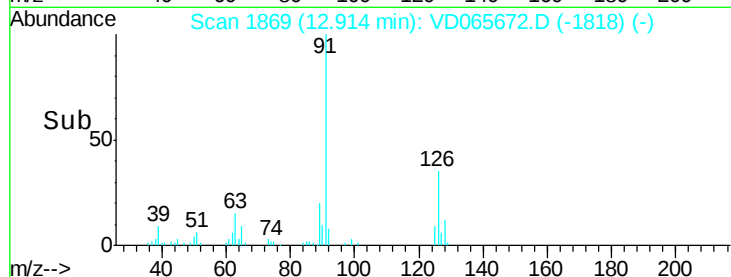
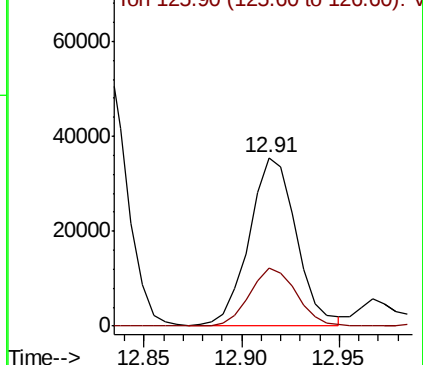
Ion Ratio Lower Upper

91 100

126 34.0 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VD065672.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 10.114 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065672.D

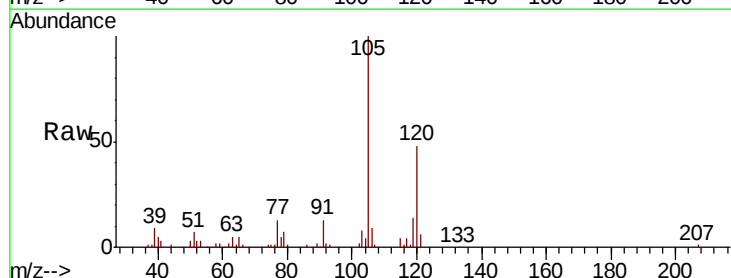
Acq: 24 Apr 2020 12:34

Tgt Ion:105 Resp: 67903

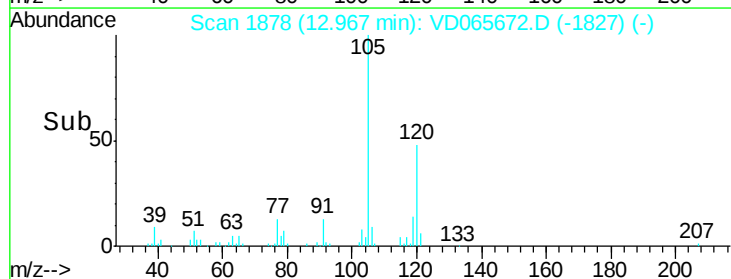
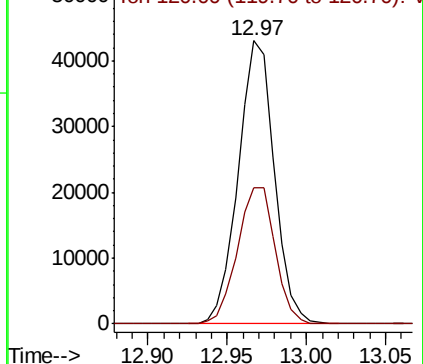
Ion Ratio Lower Upper

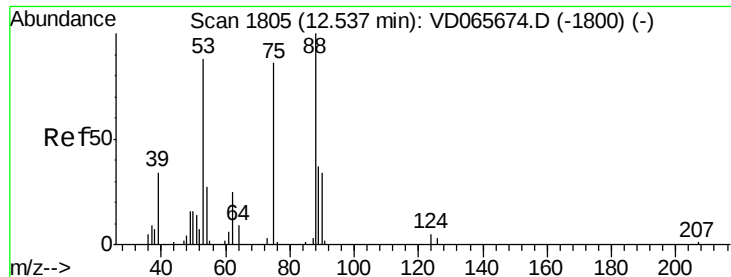
105 100

120 50.6 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VD065672.D (-1827) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 10.234 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Instrument :

MSVOA_D

ClientSampleId :

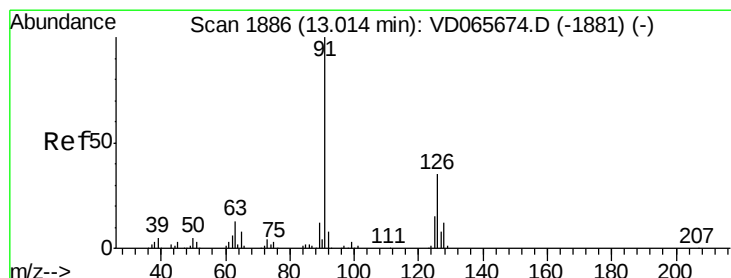
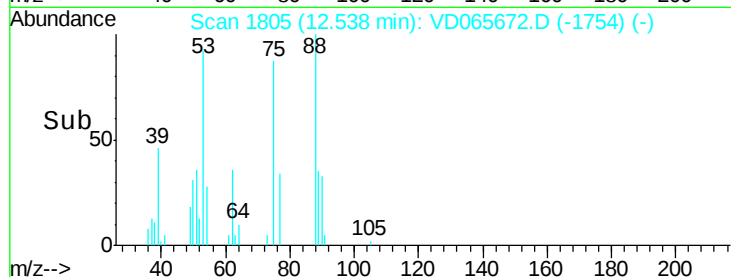
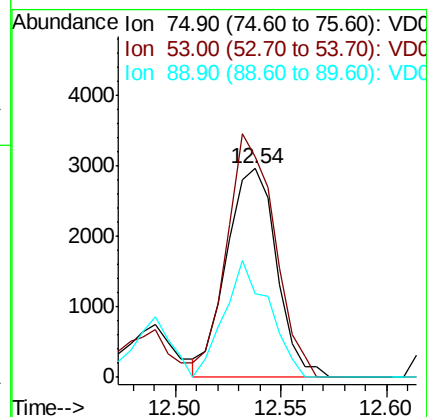
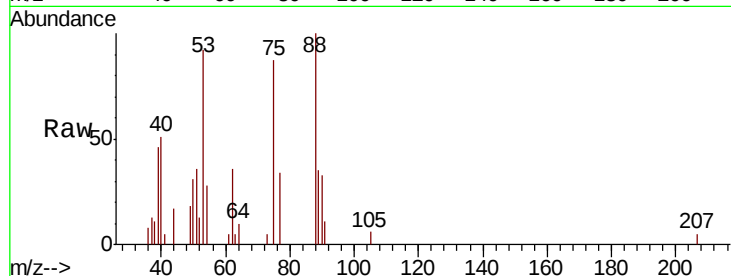
Tot Ion: 75 Resp: 4871

Ion Ratio Lower Upper

75 100

53 112.3 86.6 129.8

89 50.1 38.2 57.4



#82

4-Chlorotoluene

Concen: 10.552 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065672.D

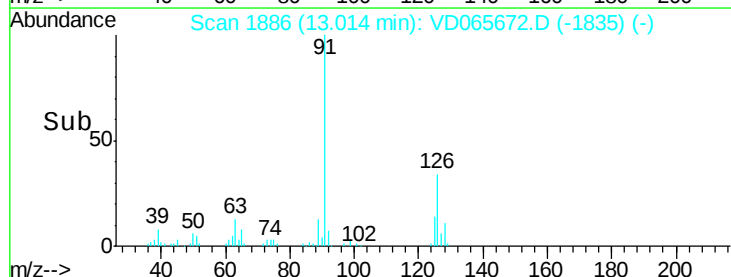
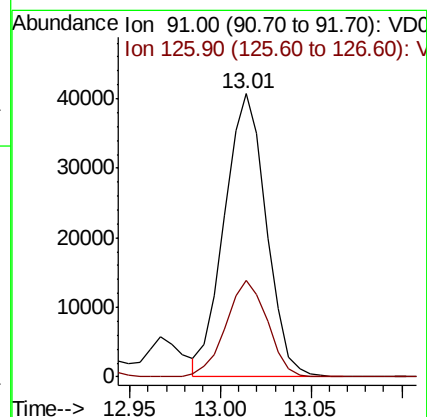
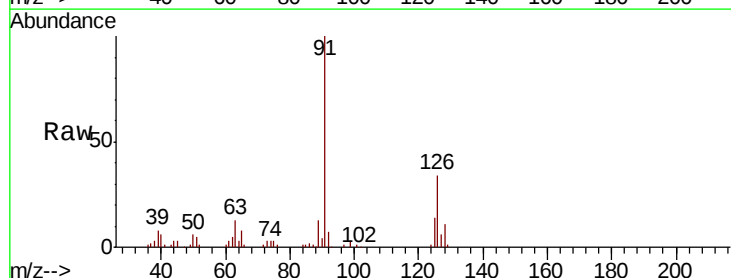
Acq: 24 Apr 2020 12:34

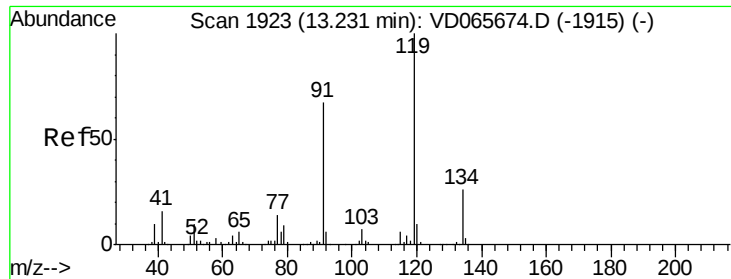
Tgt Ion: 91 Resp: 65412

Ion Ratio Lower Upper

91 100

126 33.7 16.8 50.4

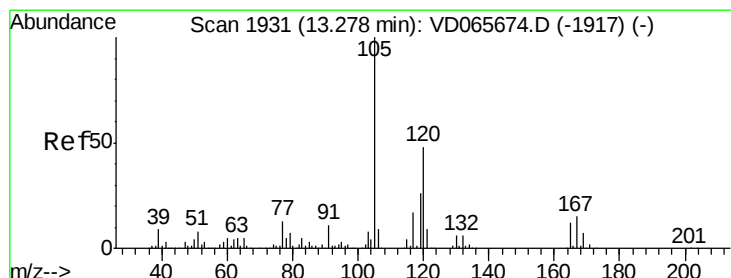
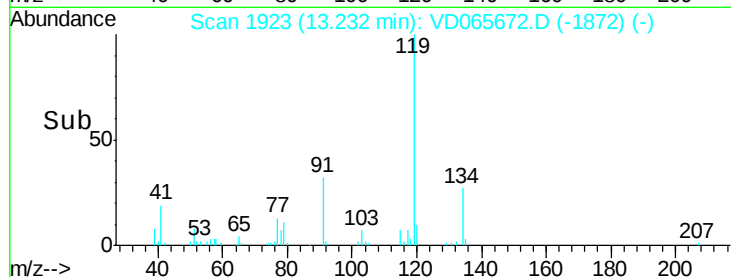
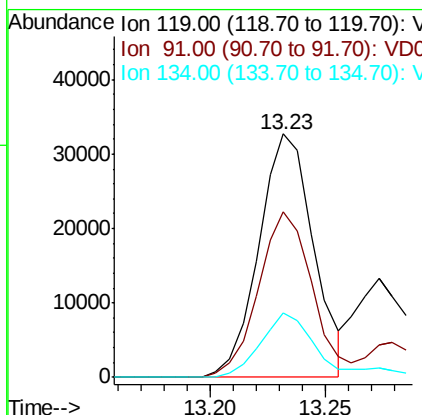
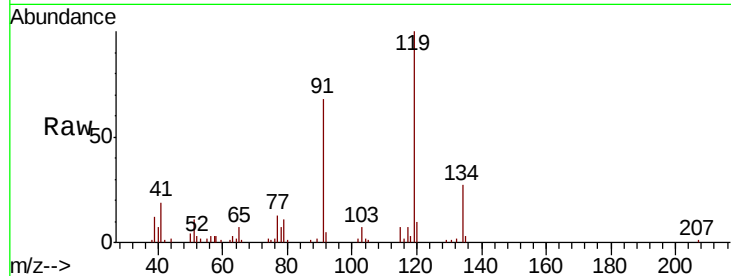




#83
tert-Butylbenzene
Concen: 9.938 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

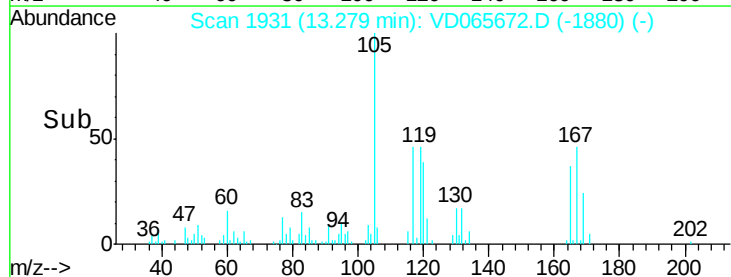
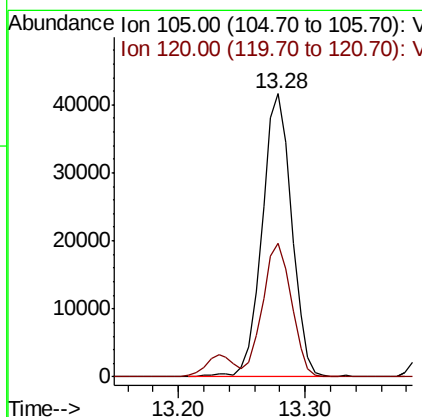
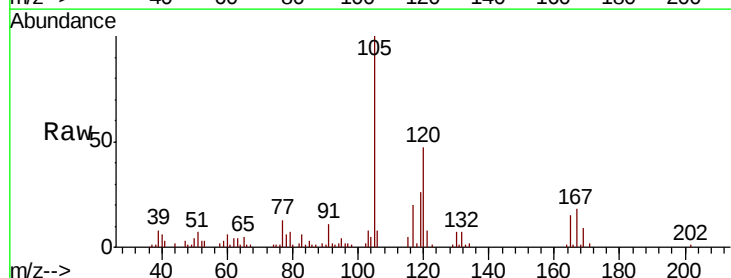
Instrument :
MSVOA_D
ClientSampled :

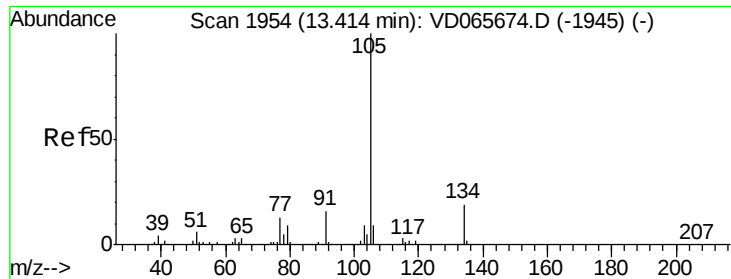
Tot Ion:119 Resp: 53738
Ion Ratio Lower Upper
119 100
91 67.0 33.3 99.9
134 28.1 14.2 42.6



#84
1,2,4-Trimethylbenzene
Concen: 10.199 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Tgt Ion:105 Resp: 67852
Ion Ratio Lower Upper
105 100
120 46.1 23.2 69.5

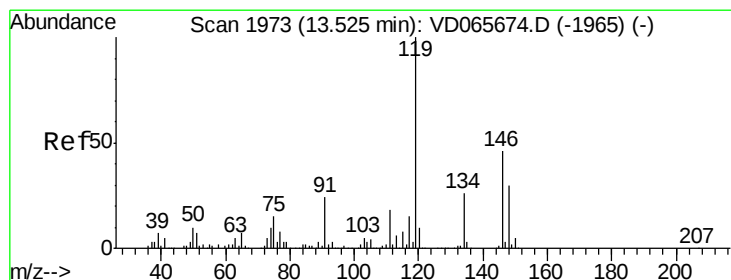
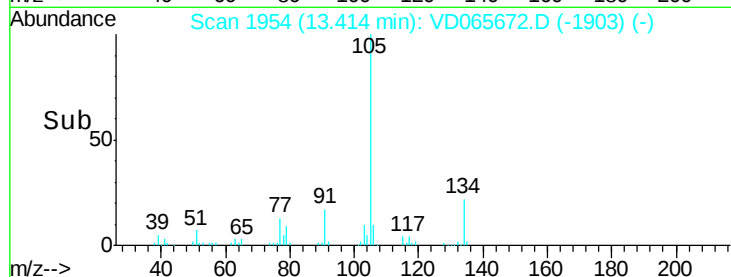
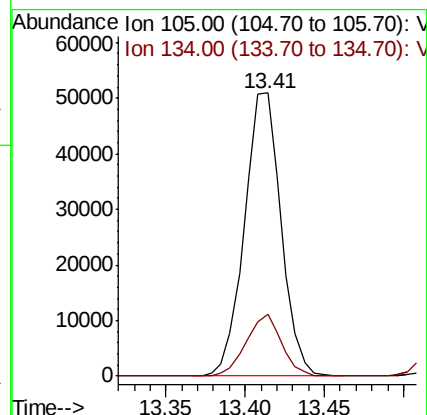
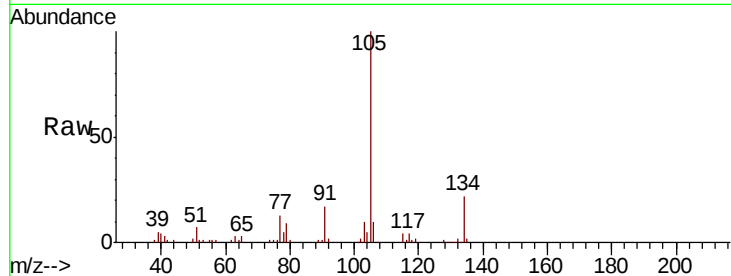




#85
 sec-Butylbenzene
 Concen: 10.284 ug/l
 RT: 13.41 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

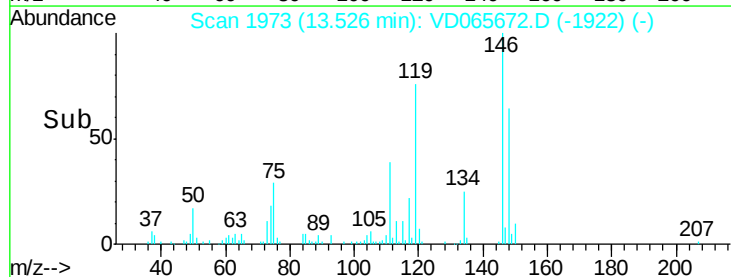
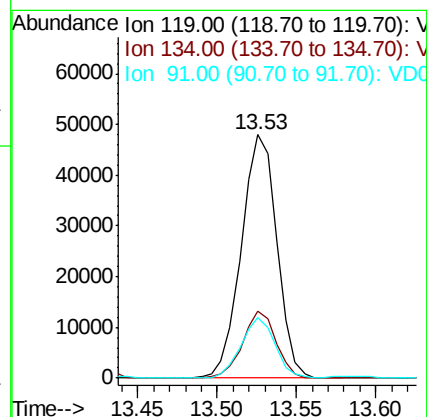
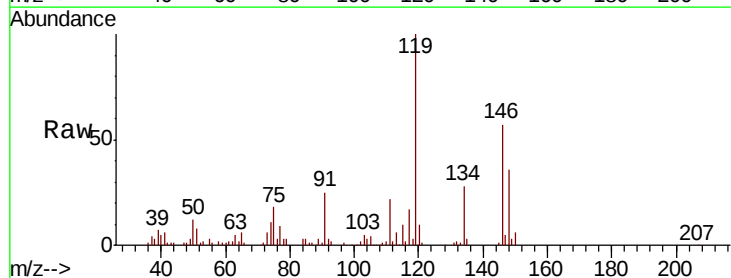
Instrument :
 MSVOA_D
 ClientSampleId :

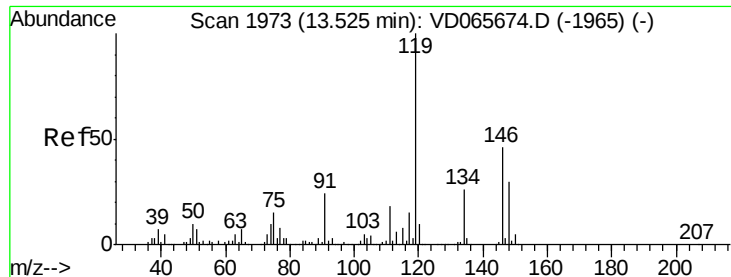
Tot Ion:105 Resp: 81766
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 10.018 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

Tgt Ion:119 Resp: 74604
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 23.8 12.0 36.0

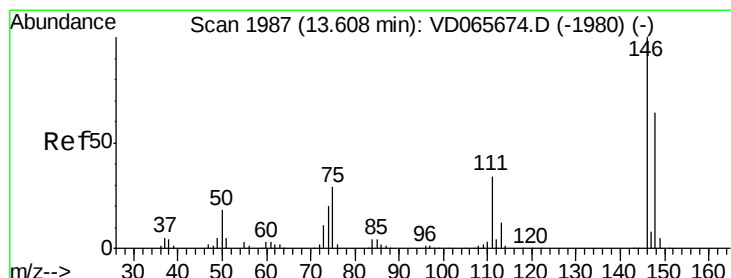
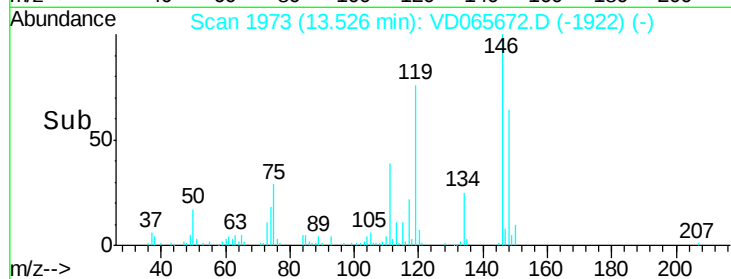
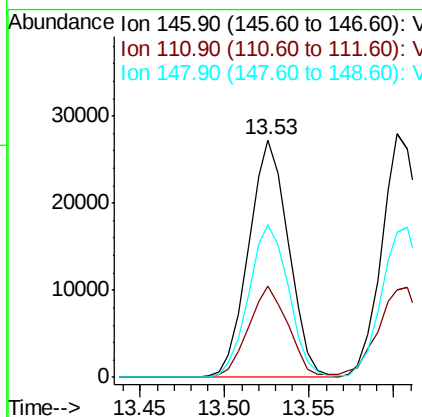
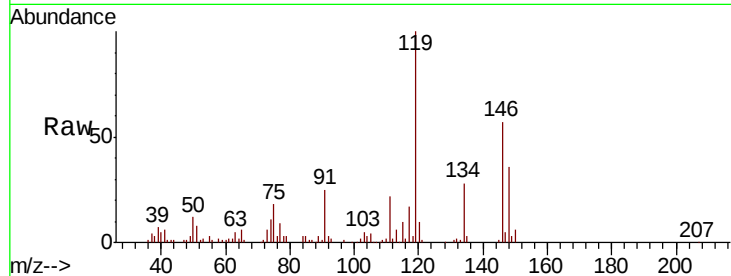




#87
 1,3-Dichlorobenzene
 Concen: 10.428 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

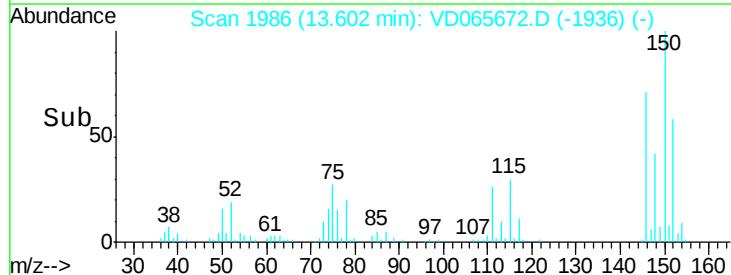
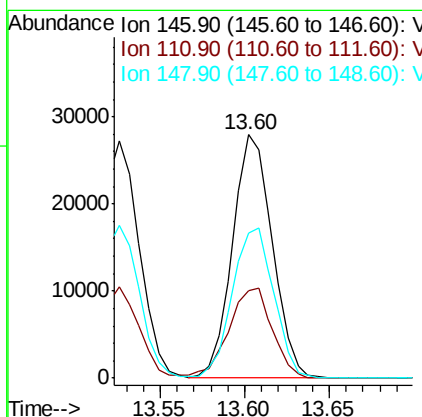
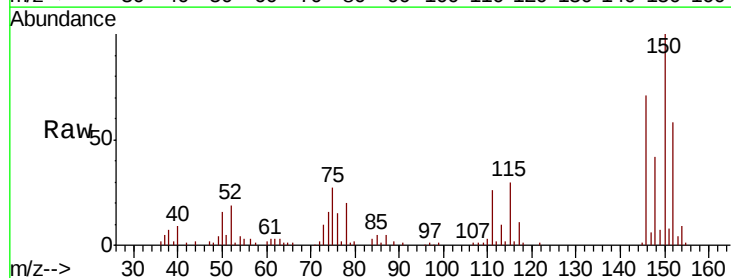
Instrument :
 MSVOA_D
 ClientSampleId :

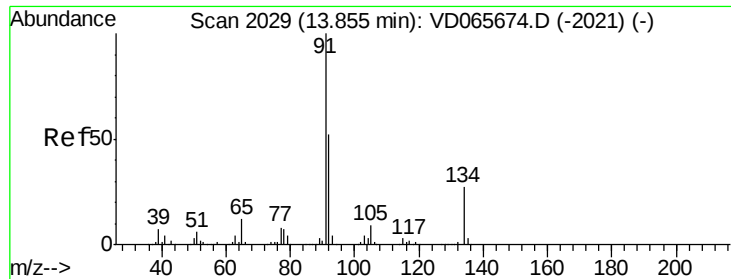
Tot Ion:146 Resp: 44723
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.3 57.9
 148 64.4 32.6 97.8



#88
 1,4-Dichlorobenzene
 Concen: 10.546 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

Tgt Ion:146 Resp: 45814
 Ion Ratio Lower Upper
 146 100
 111 40.6 18.3 54.8
 148 64.7 32.1 96.5

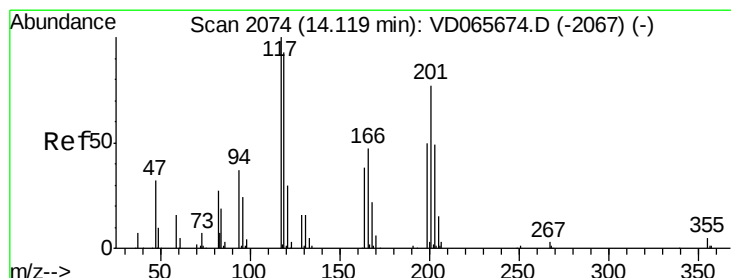
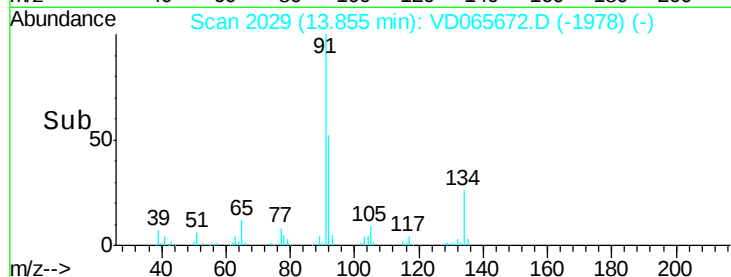
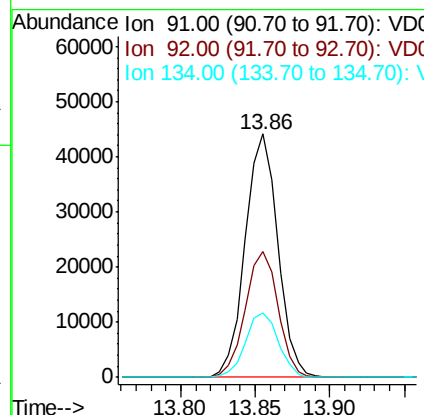
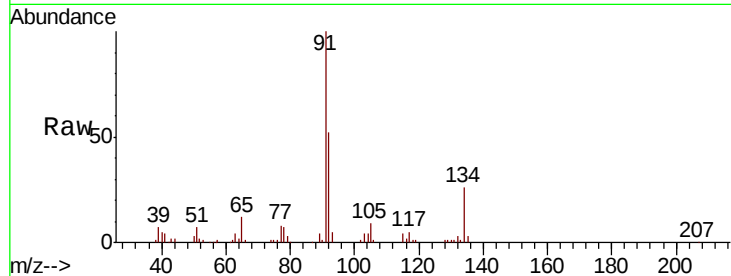




#89
n-Butylbenzene
Concen: 9.689 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

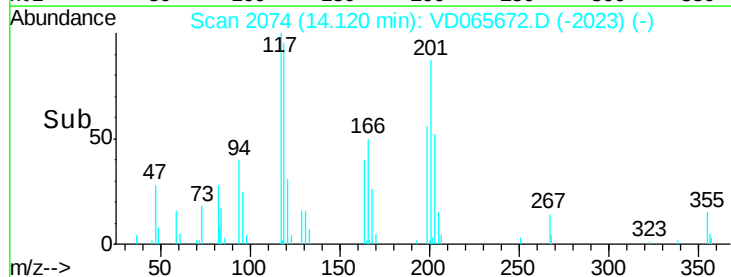
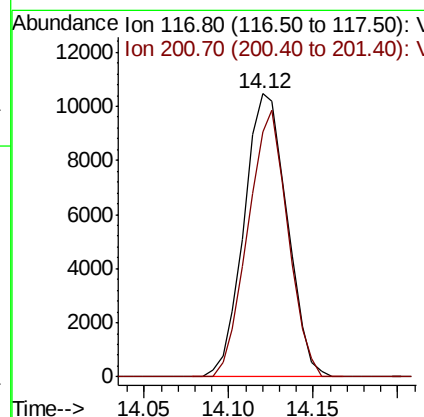
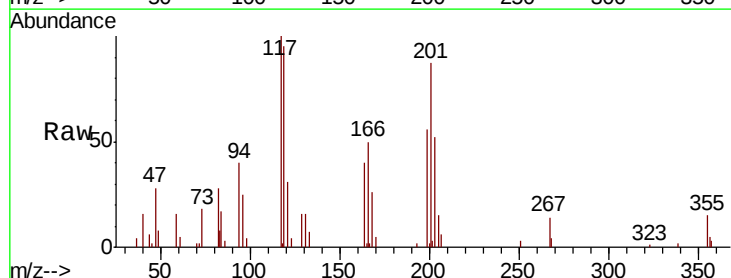
Instrument :
MSVOA_D
ClientSampleId :

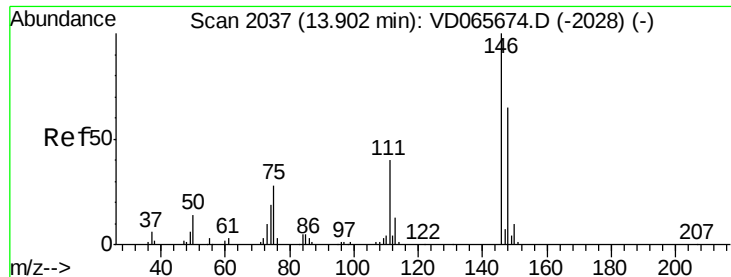
Tot Ion: 91 Resp: 66810
Ion Ratio Lower Upper
91 100
92 51.8 26.3 78.8
134 26.5 13.0 39.0



#90
Hexachloroethane
Concen: 10.560 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Tgt Ion: 117 Resp: 18537
Ion Ratio Lower Upper
117 100
201 87.6 42.1 126.3





#91

1,2-Dichlorobenzene

Concen: 10.266 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. -0.01 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

Instrument :

MSVOA_D

ClientSampleId :

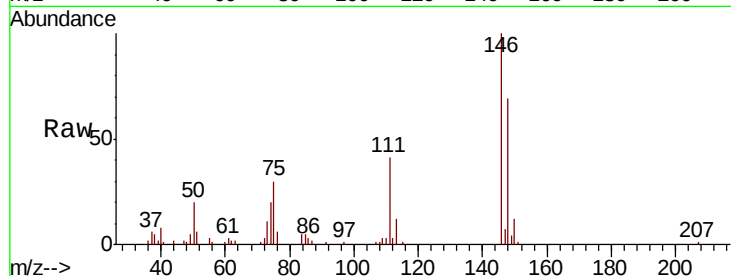
Tot Ion:146 Resp: 38161

Ion Ratio Lower Upper

146 100

111 40.0 19.8 59.3

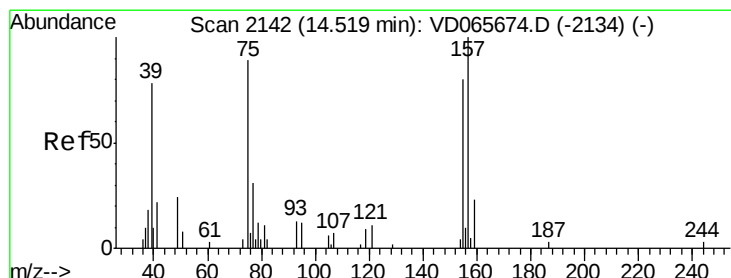
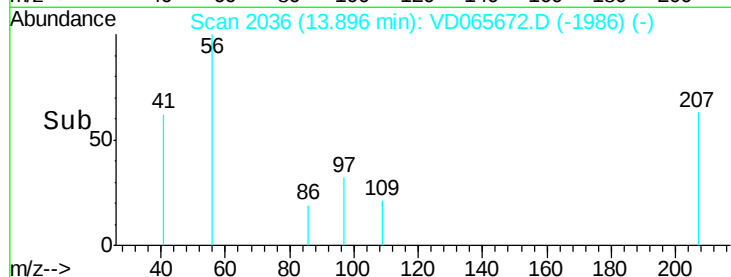
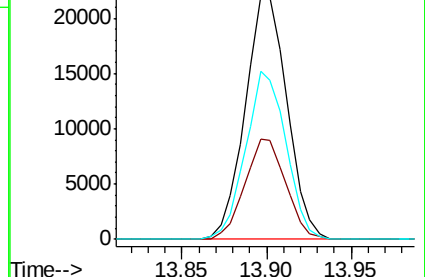
148 66.1 31.5 94.5



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: 10.710 ug/l

RT: 14.52 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VD065672.D

Acq: 24 Apr 2020 12:34

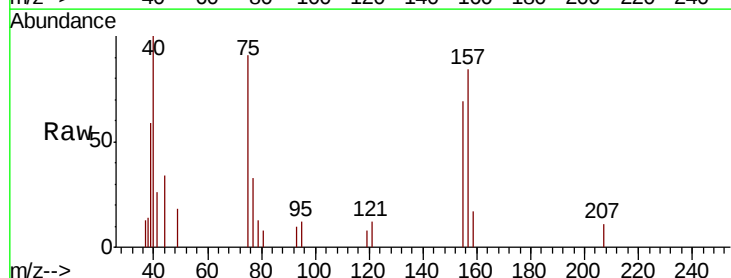
Tgt Ion: 75 Resp: 2634

Ion Ratio Lower Upper

75 100

155 88.8 41.8 125.3

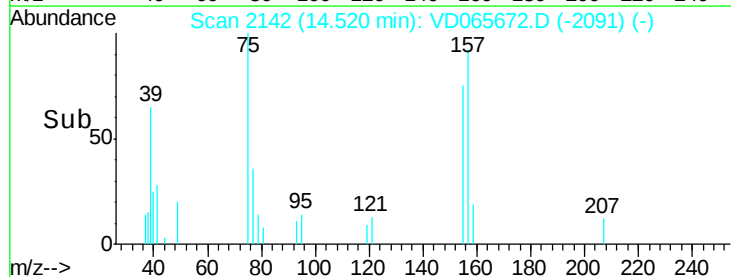
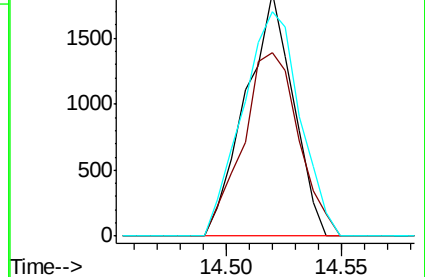
157 111.5 53.9 161.7

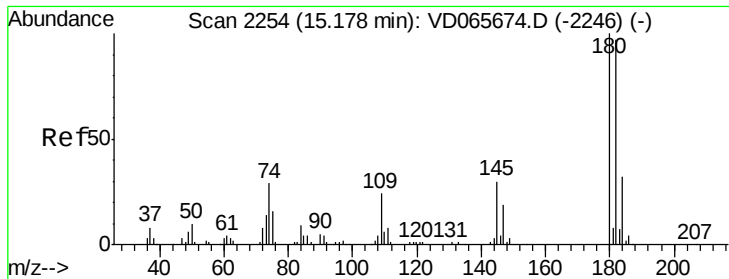


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

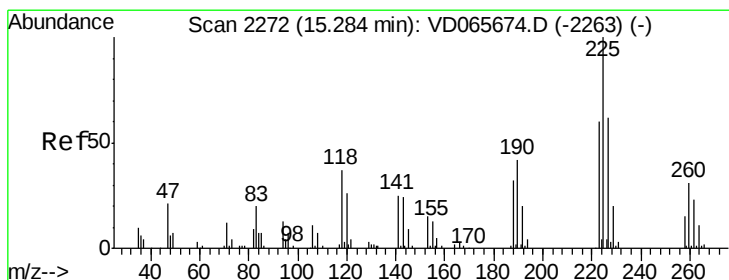
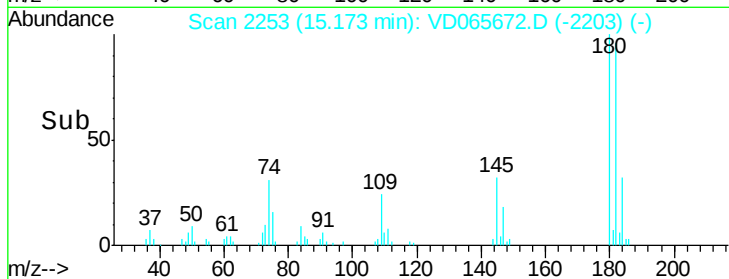
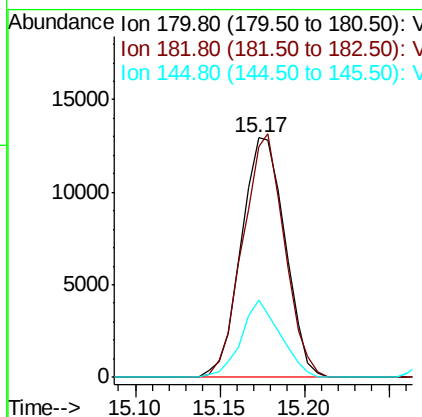
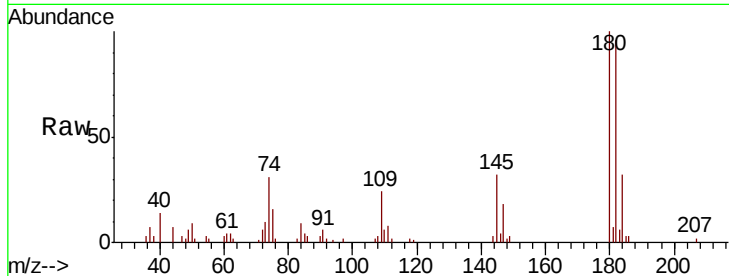




#93
 1,2,4-Trichlorobenzene
 Concen: 10.006 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

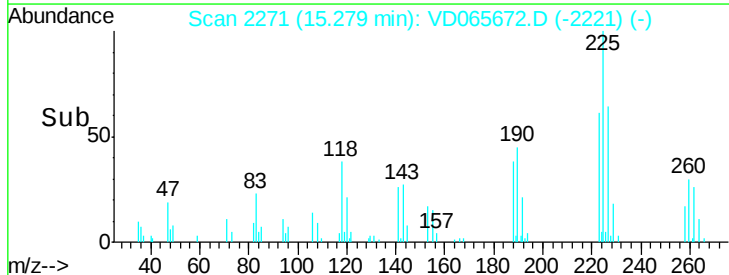
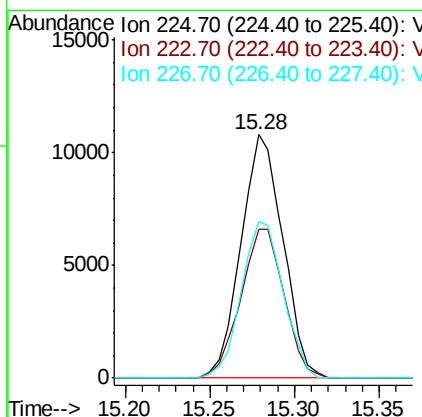
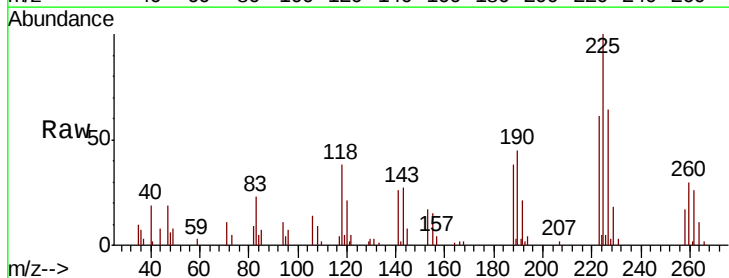
Instrument :
 MSVOA_D
 ClientSampleId :

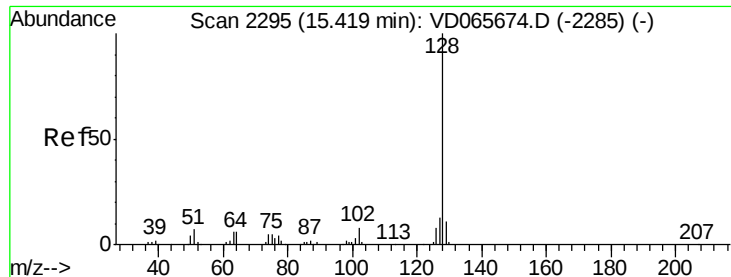
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.1	141.3
145	28.9	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 10.334 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.0	93.0
227	64.4	31.6	94.8

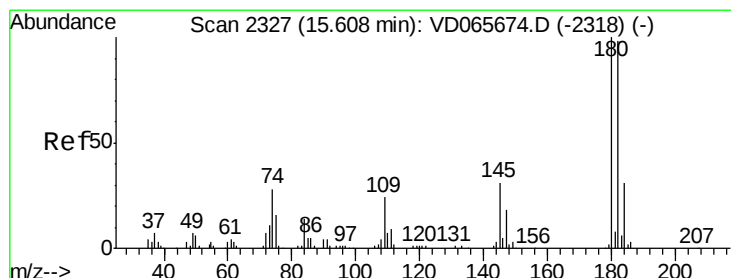
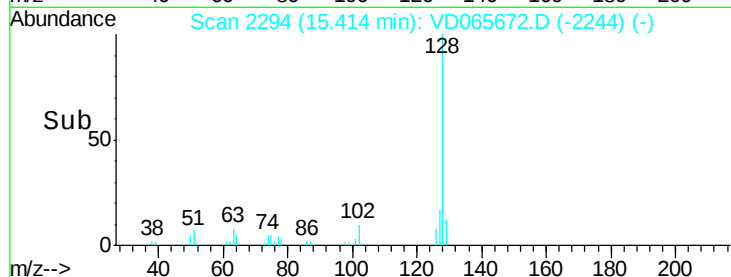
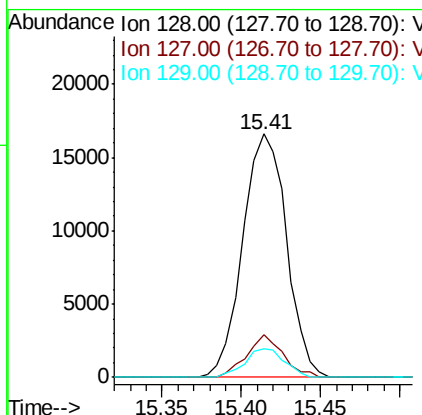
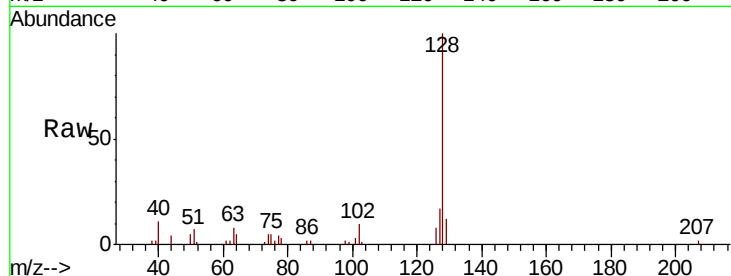




#95
Naphthalene
Concen: 9.905 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.01 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 31839
Ion Ratio Lower Upper
128 100
127 14.6 11.4 17.0
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 9.985 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Tgt Ion:180 Resp: 20870
Ion Ratio Lower Upper
180 100
182 96.6 47.8 143.3
145 29.7 15.6 46.8

