

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 :
 VSTDIC010

Quant Time: Apr 24 14:28:05 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	19962	10.28	ug/l	0.00
Spiked Amount			Recovery	=	20.56%	
35) Dibromofluoromethane	7.92	113	19038	10.18	ug/l	0.00
Spiked Amount			Recovery	=	20.36%	
50) Toluene-d8	10.34	98	66167	10.15	ug/l	0.00
Spiked Amount			Recovery	=	20.30%	
62) 4-Bromofluorobenzene	12.64	95	20925	9.93	ug/l	0.00
Spiked Amount			Recovery	=	19.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	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	9529m	8.021	ug/l	
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

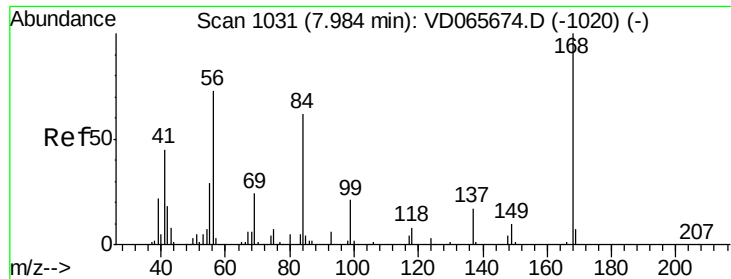
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042420\
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Quant Title : SW846 8260
QLast Update : Fri Apr 24 13:58:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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 :

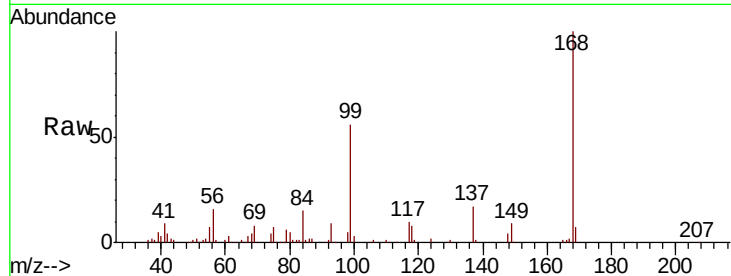
VSTDIC010

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

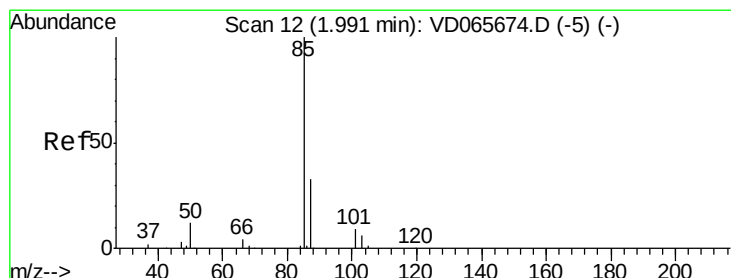
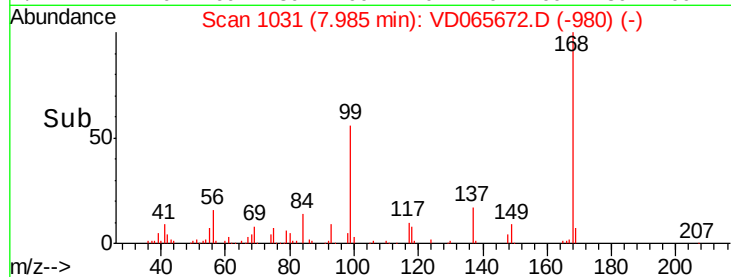
40000

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

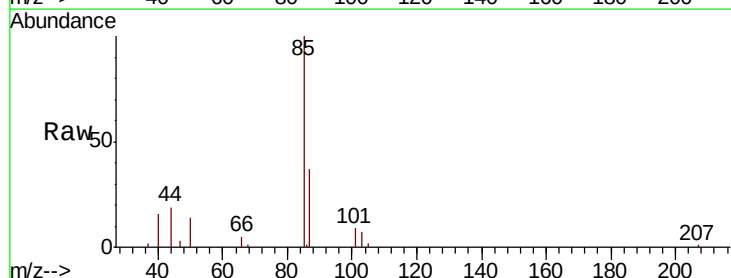
Acq: 24 Apr 2020 12:34

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

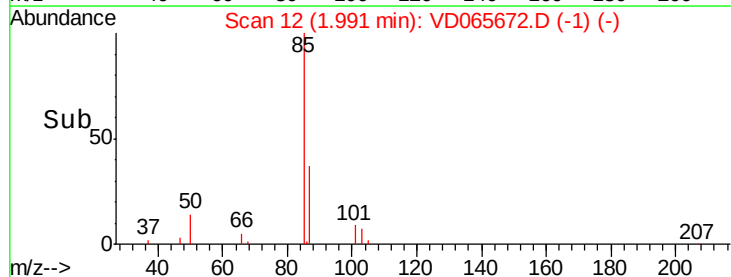
10000

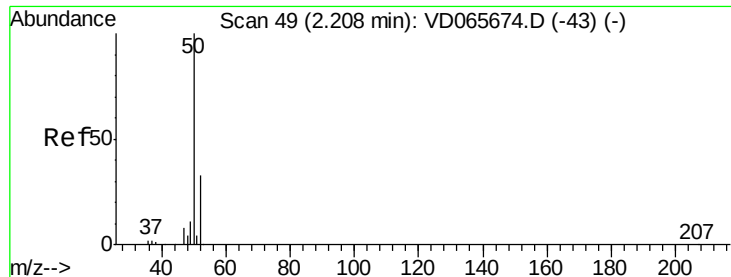
5000

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 :

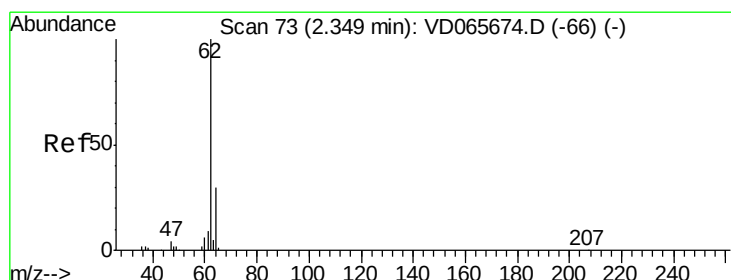
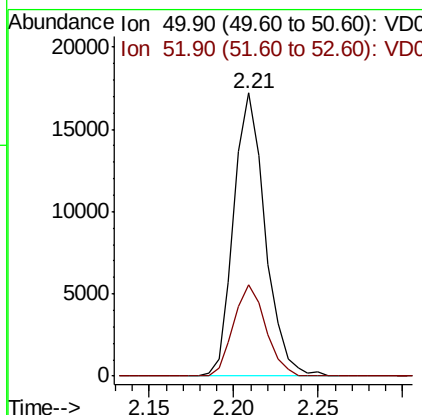
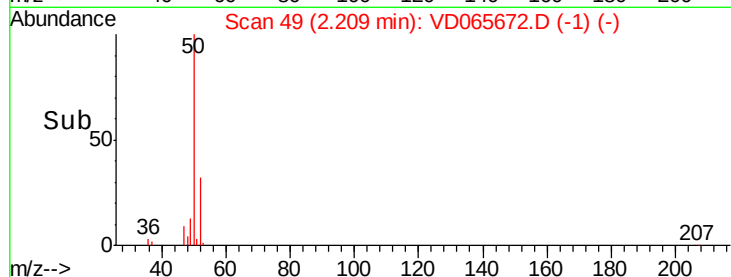
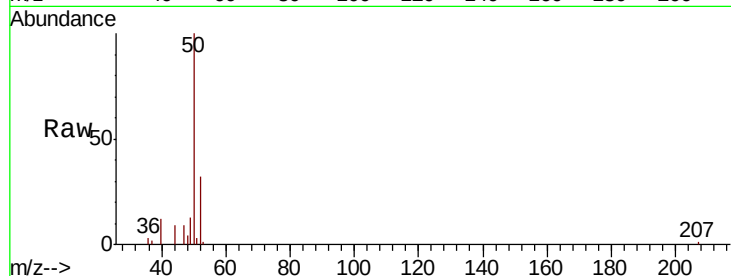
VSTDIC010

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

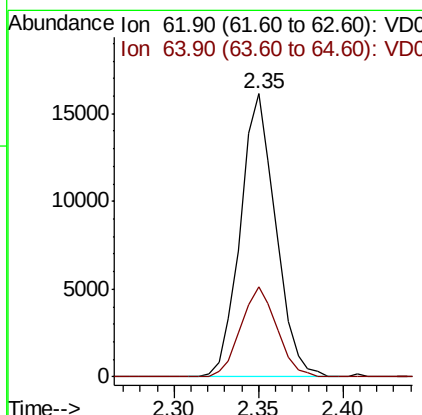
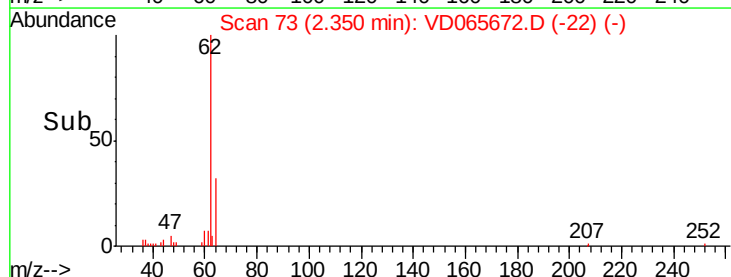
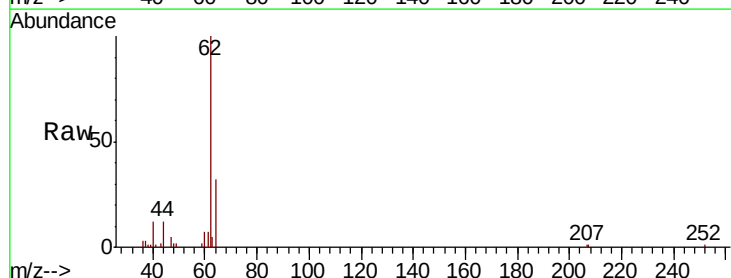
Acq: 24 Apr 2020 12:34

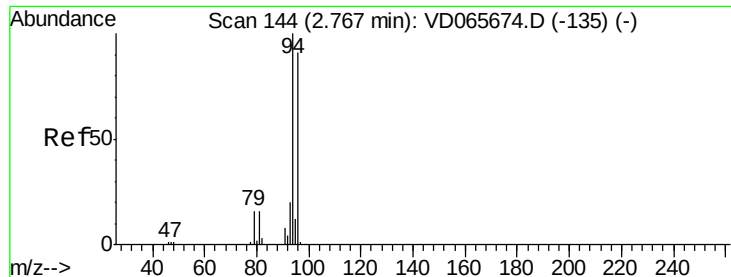
Tgt Ion: 62 Resp: 23535

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 :

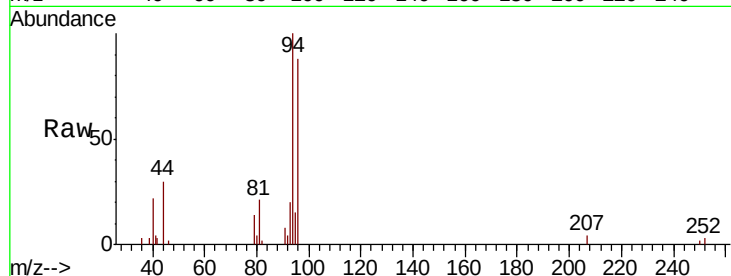
VSTDIC010

Tot Ion: 94 Resp: 14870

Ion Ratio Lower Upper

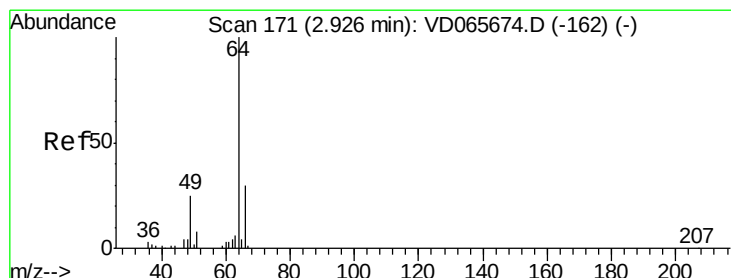
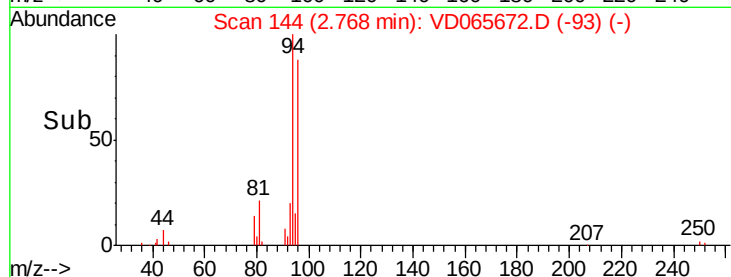
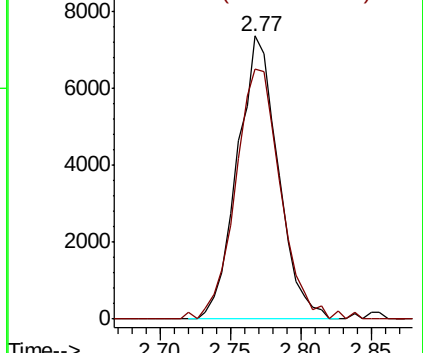
94 100

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

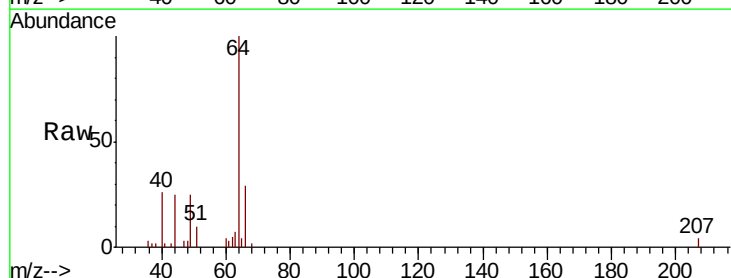
Acq: 24 Apr 2020 12:34

Tgt Ion: 64 Resp: 14799

Ion Ratio Lower Upper

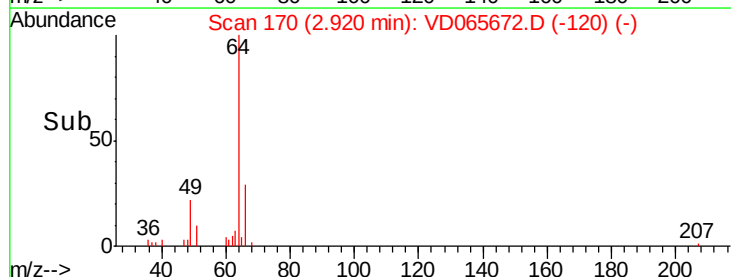
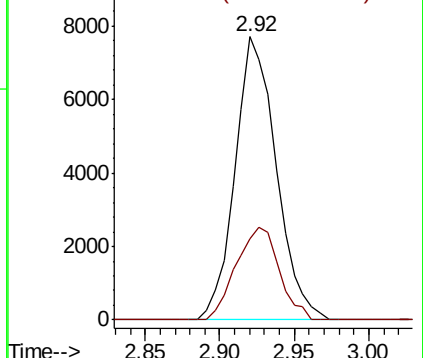
64 100

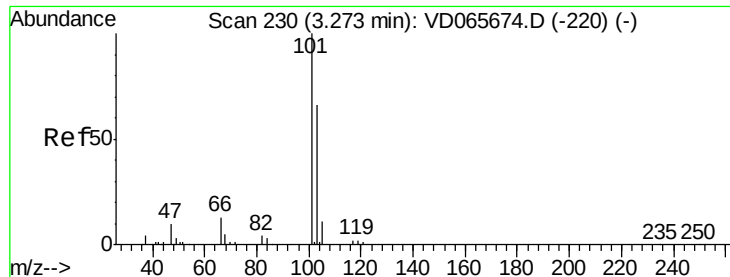
66 28.7 24.3 36.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



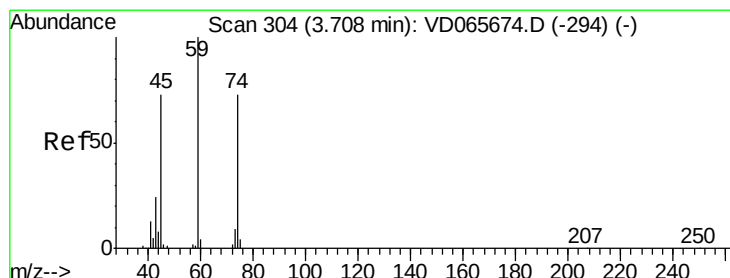
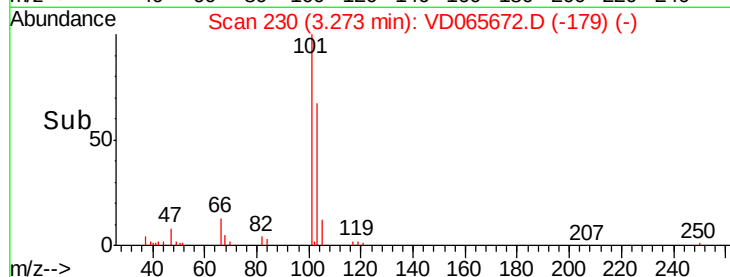
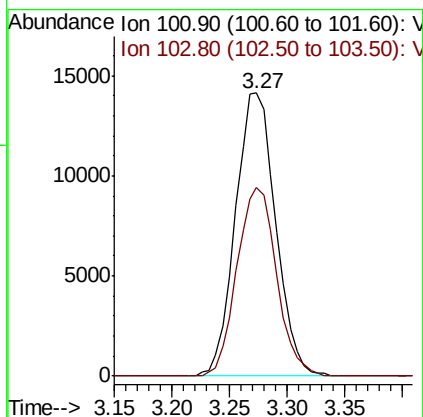
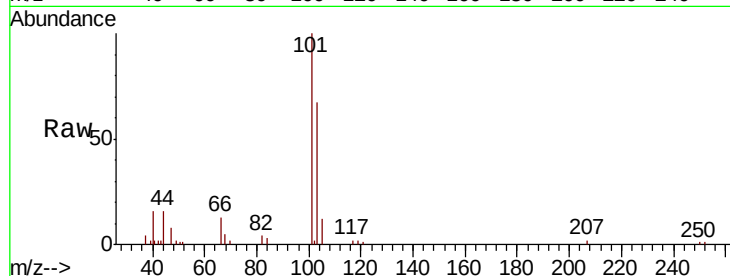


#7

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 :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

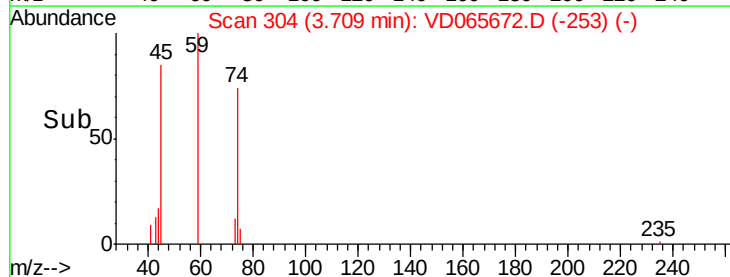
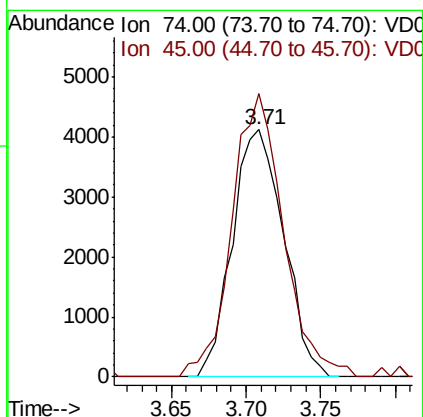
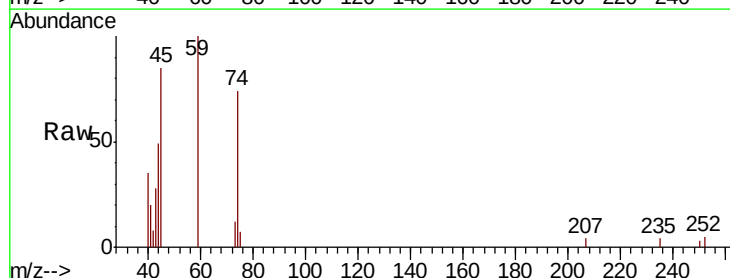
Tot Ion:101 Resp: 34229
 Ion Ratio Lower Upper
 101 100
 103 66.8 52.6 78.8

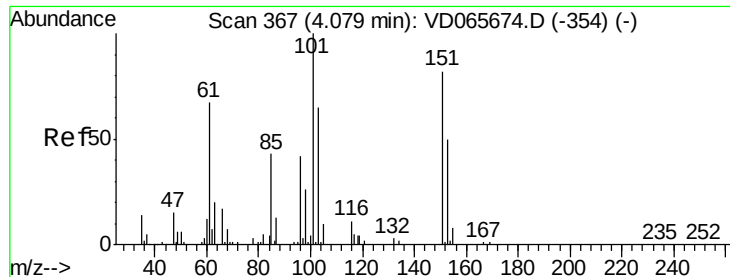


#8

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 :

VSTDIC010

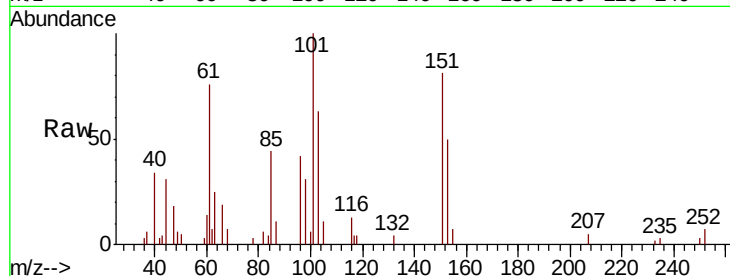
Tot Ion:101 Resp: 20205

Ion Ratio Lower Upper

101 100

85 44.6 35.1 52.7

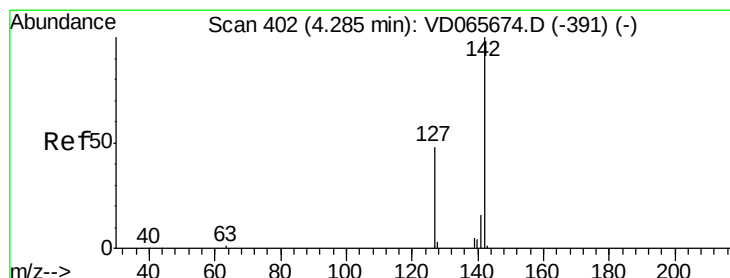
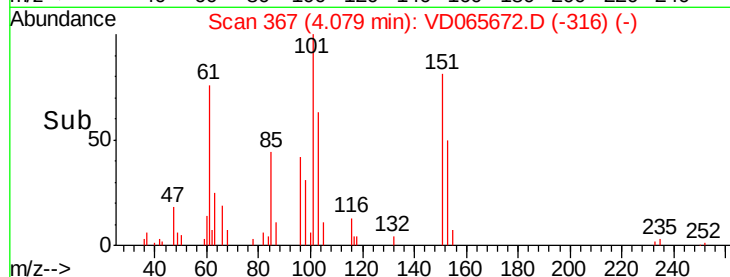
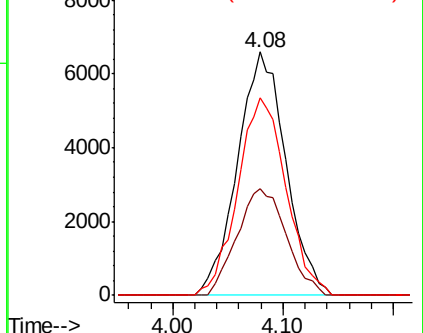
151 81.3 64.1 96.1



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

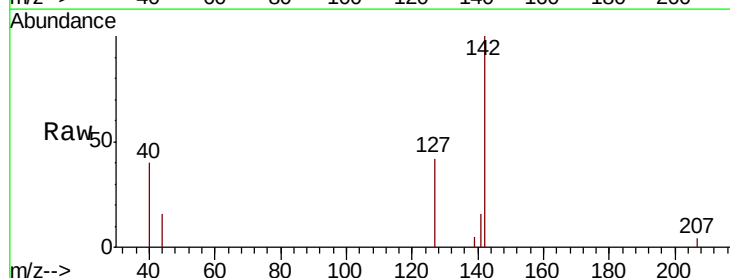
Tgt Ion:142 Resp: 12011

Ion Ratio Lower Upper

142 100

127 48.0 39.0 58.4

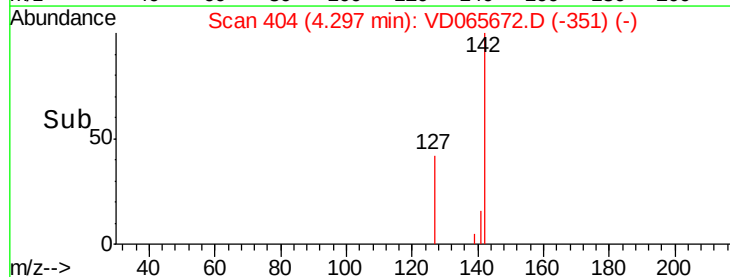
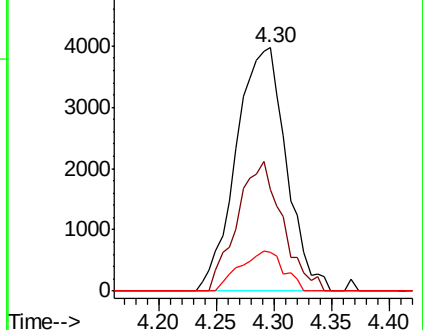
141 14.4 12.4 18.6

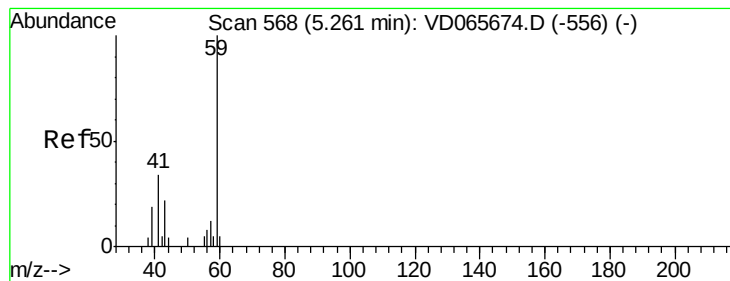


Abundance Ion 141.80 (141.50 to 142.50): V

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

ClientSampleId :

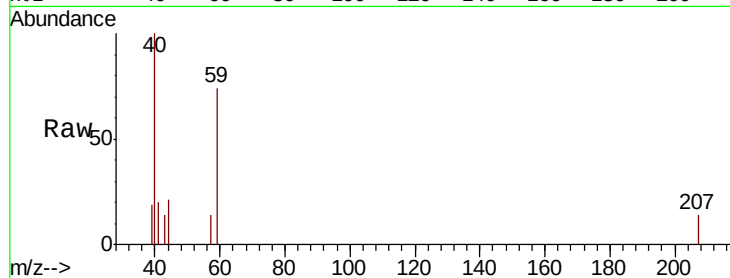
VSTDIC010

Tot Ion: 59 Resp: 4354

Ion Ratio Lower Upper

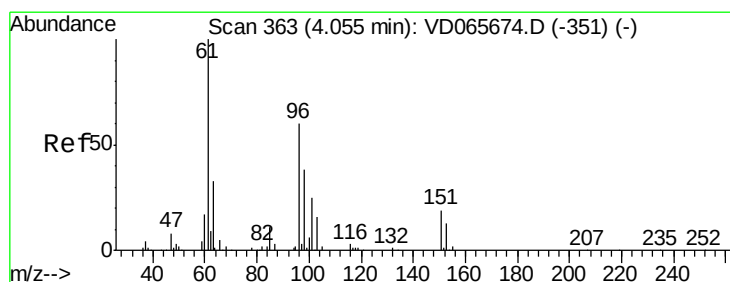
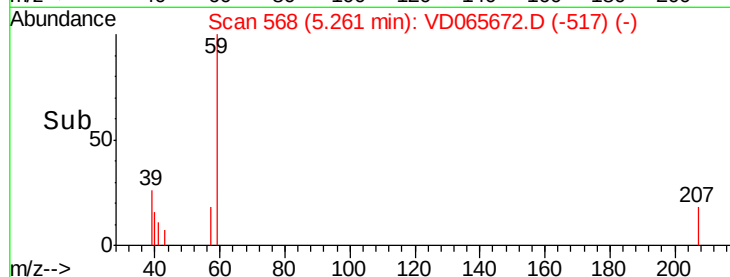
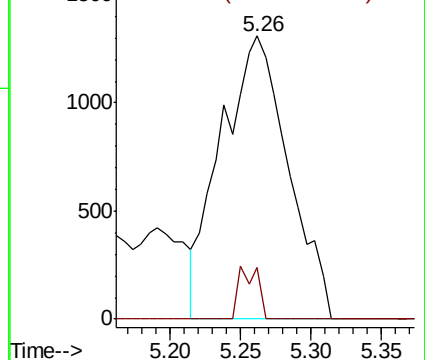
59 100

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

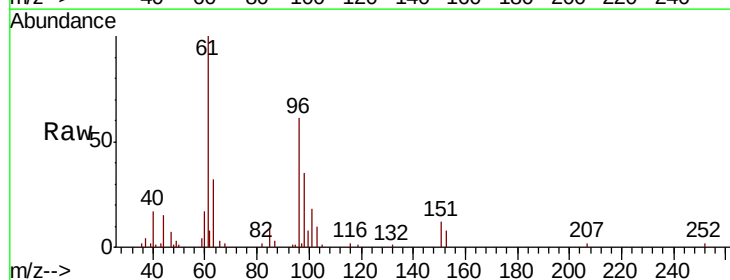
Tgt Ion: 96 Resp: 19931

Ion Ratio Lower Upper

96 100

61 163.6 132.8 199.2

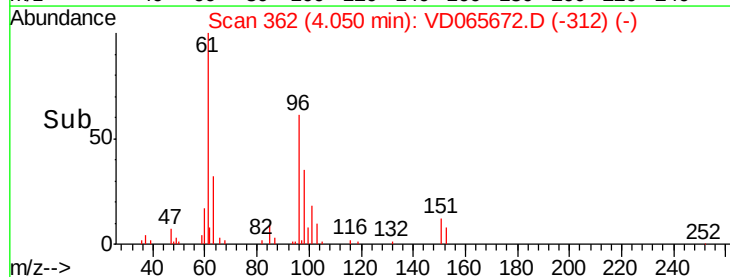
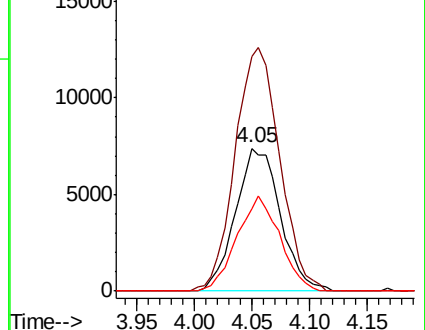
98 57.5 50.7 76.1

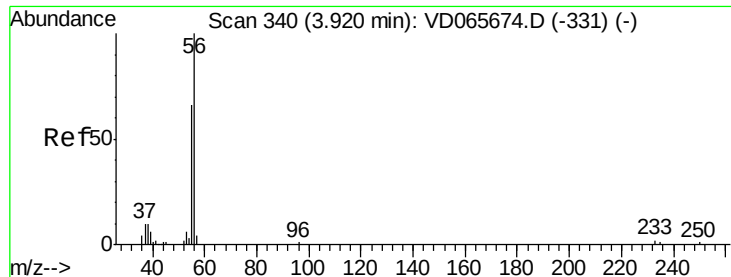


Abundance Ion 95.90 (95.60 to 96.60): VDC

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 :

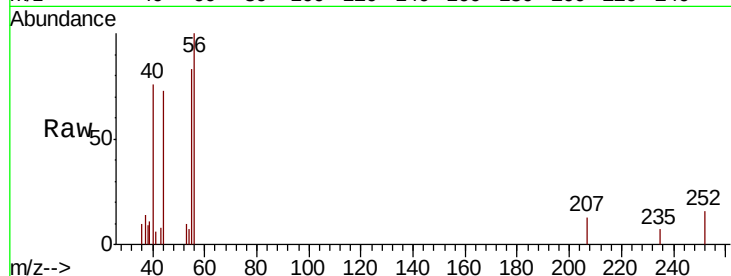
VSTDIC010

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

3.93

2500

2000

1500

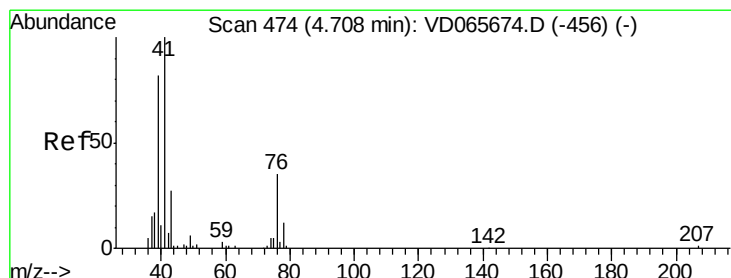
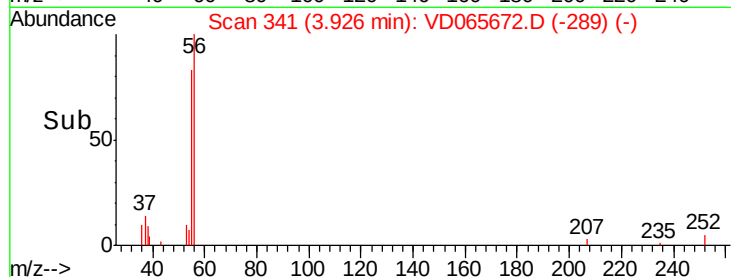
1000

500

0

Time-->

3.85 3.90 3.95 4.00



#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

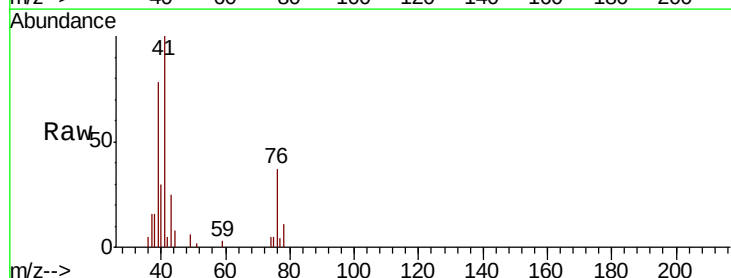
Tgt Ion: 41 Resp: 25580

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

10000

8000

6000

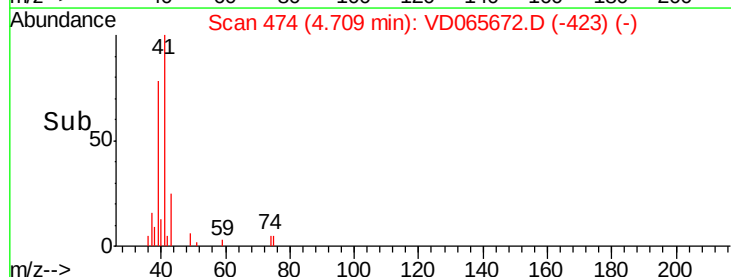
4000

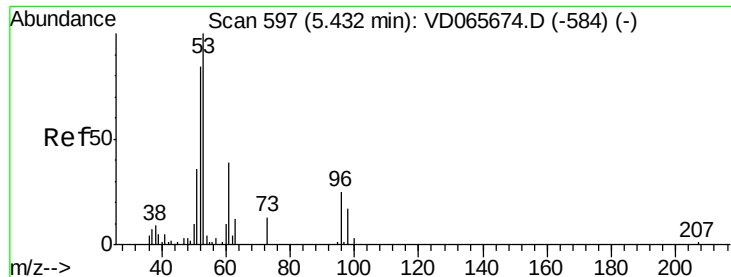
2000

0

Time-->

4.60 4.70 4.80





#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 :

VSTDIC010

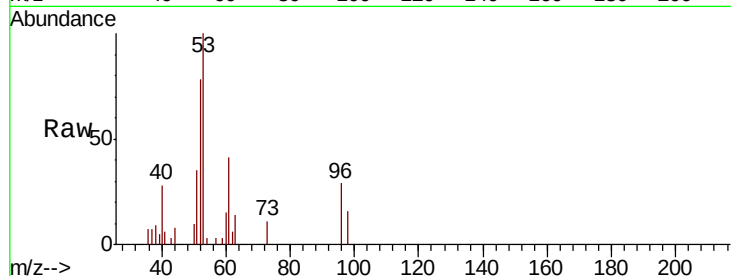
Tot Ion: 53 Resp: 18702

Ion Ratio Lower Upper

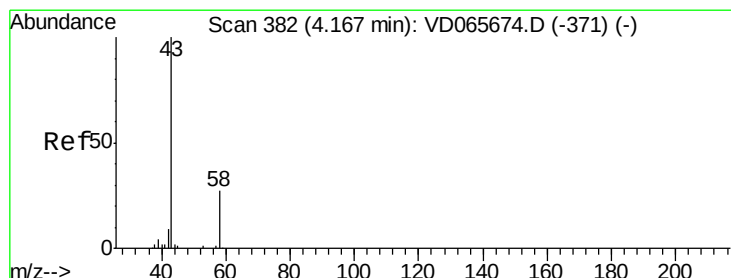
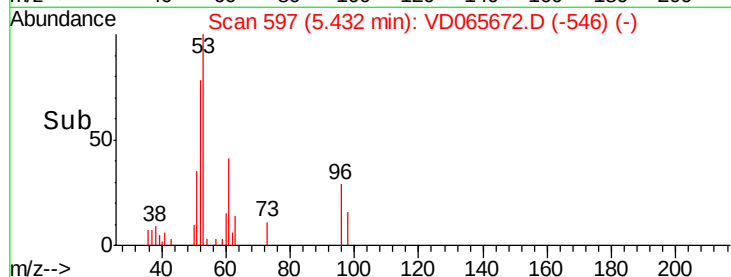
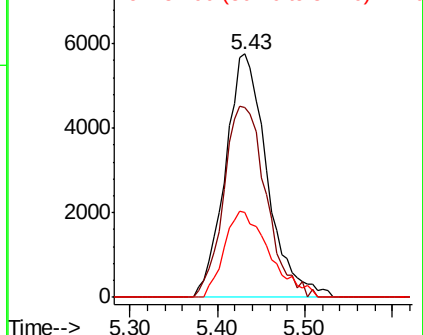
53 100

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

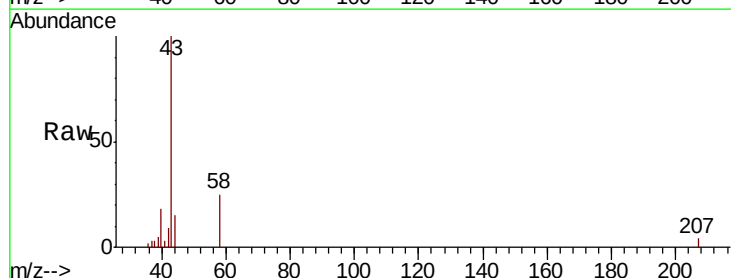
Acq: 24 Apr 2020 12:34

Tgt Ion: 43 Resp: 23336

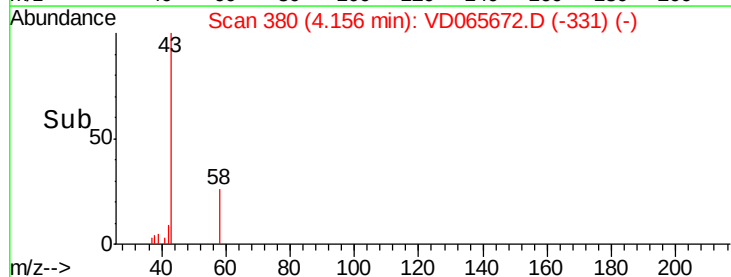
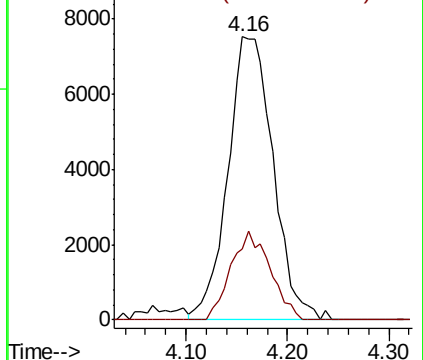
Ion Ratio Lower Upper

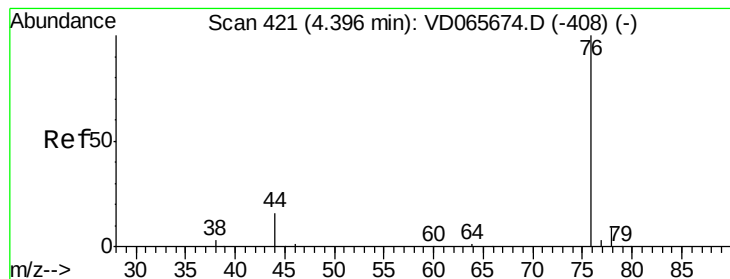
43 100

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 :

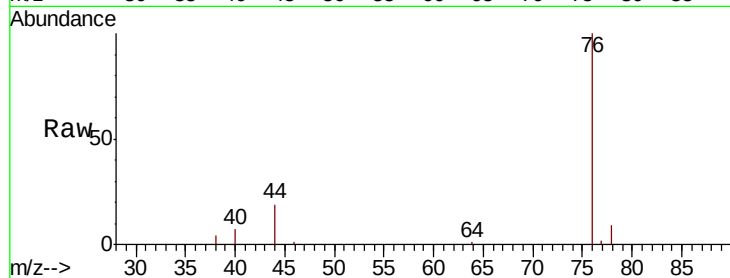
VSTDIC010

Tot Ion: 76 Resp: 52554

Ion Ratio Lower Upper

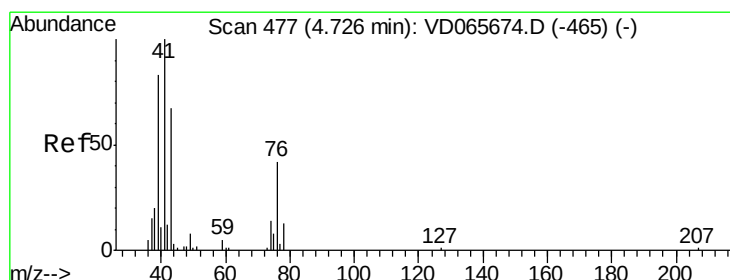
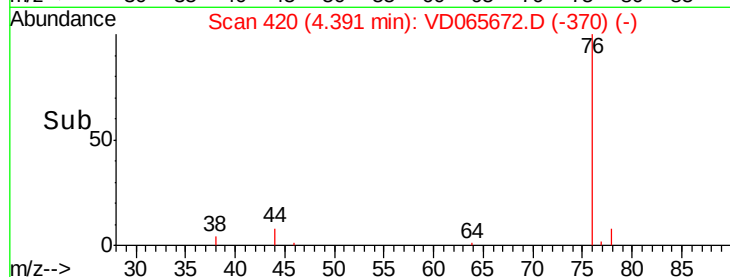
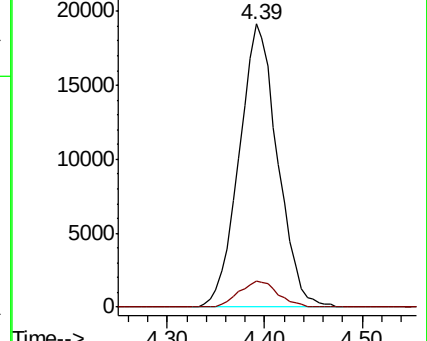
76 100

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

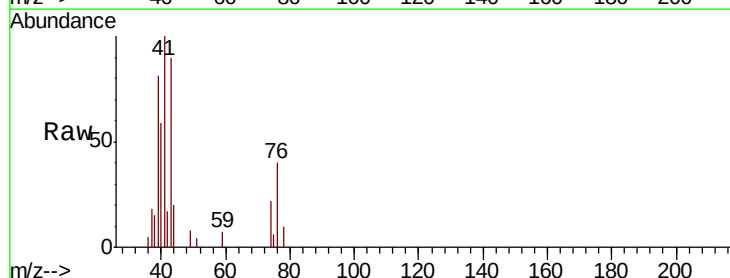
Acq: 24 Apr 2020 12:34

Tgt Ion: 43 Resp: 10015

Ion Ratio Lower Upper

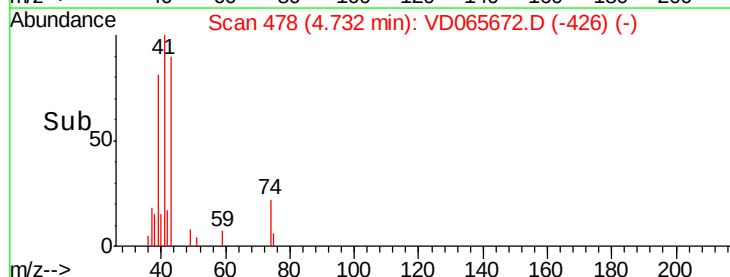
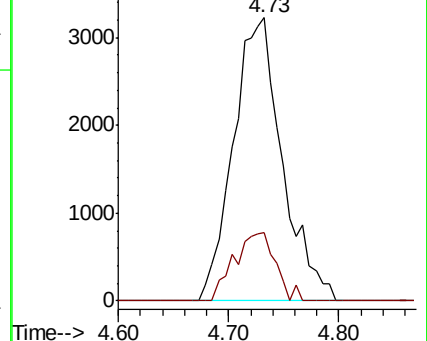
43 100

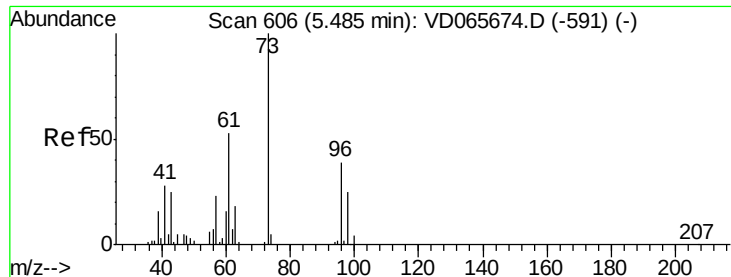
74 20.4 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

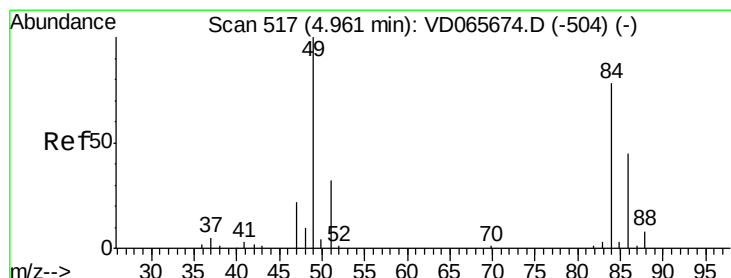
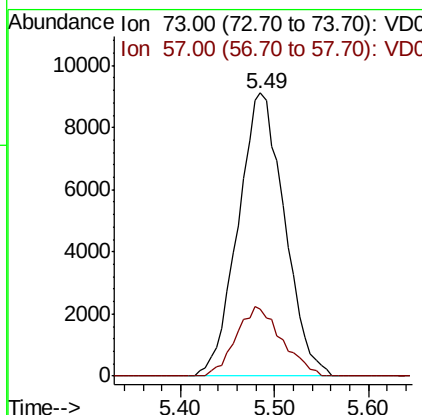
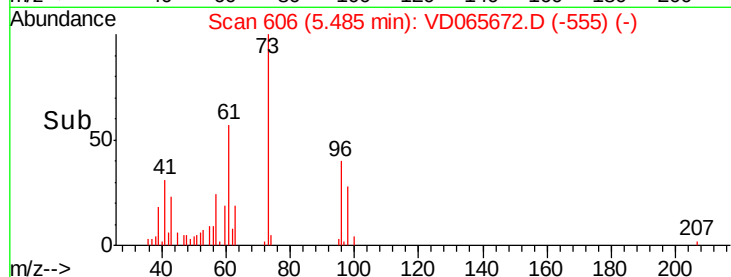
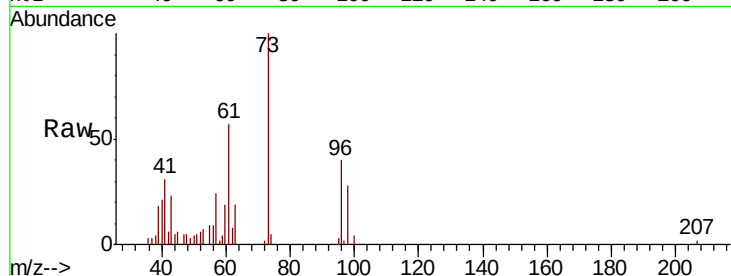




#19
Methyl tert-butyl Ether
Concen: 10.029 ug/l
RT: 5.49 min Scan# 606
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

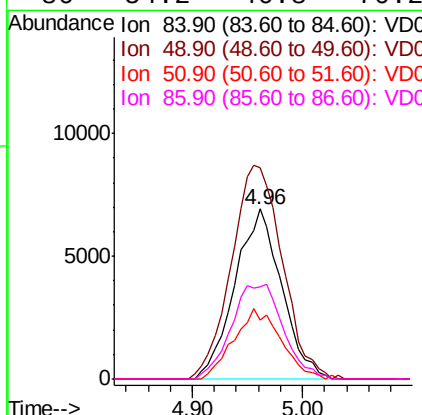
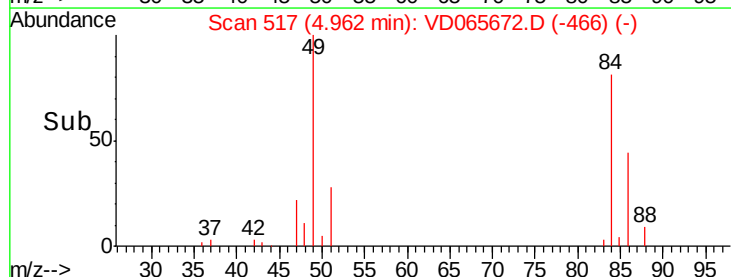
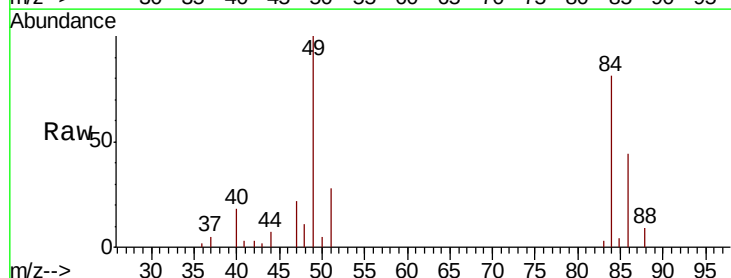
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

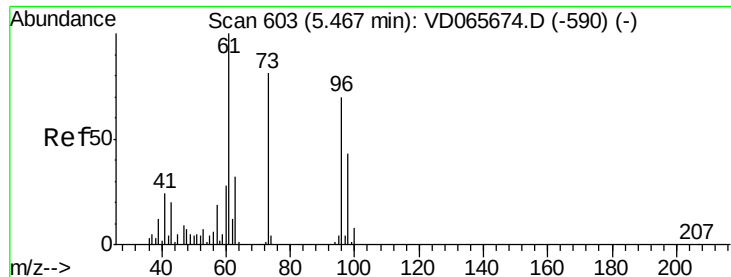
Tot Ion: 73 Resp: 31056
Ion Ratio Lower Upper
73 100
57 23.6 18.3 27.5



#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





#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 :

VSTDIC010

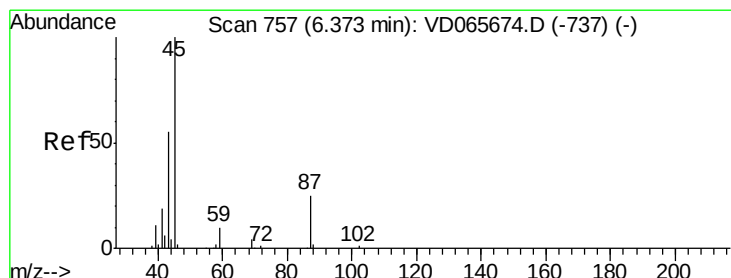
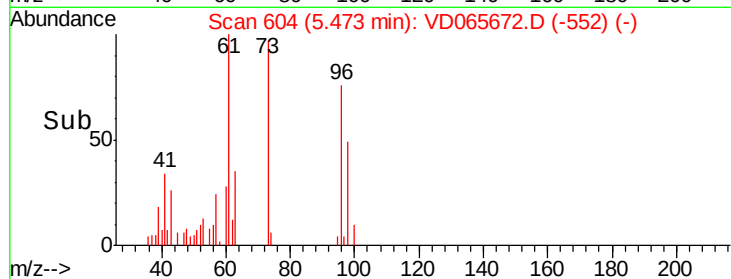
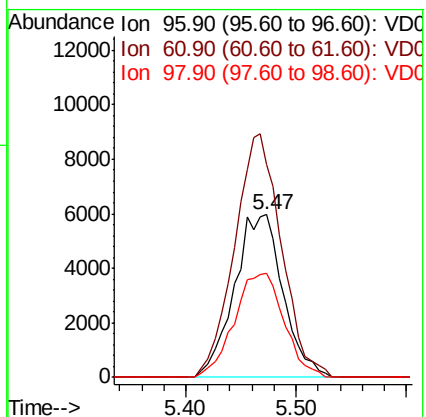
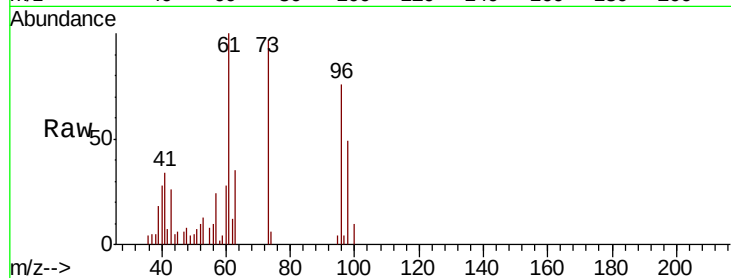
Tot Ion: 96 Resp: 18407

Ion Ratio Lower Upper

96 100

61 131.0 114.8 172.2

98 64.0 49.4 74.0



#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

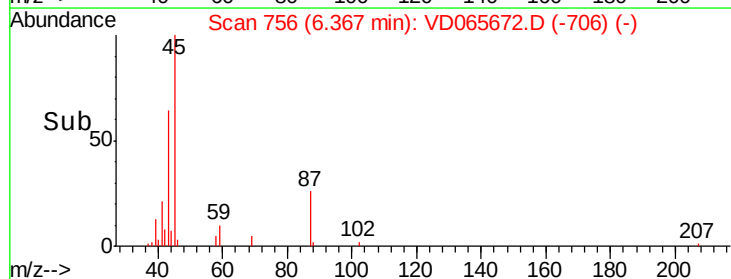
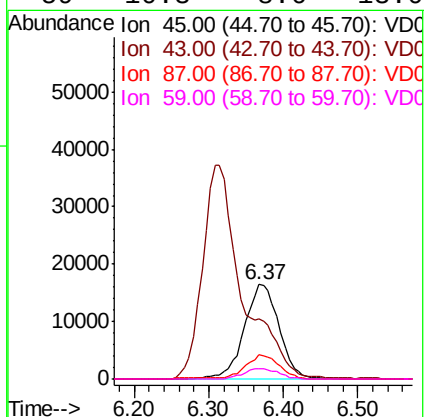
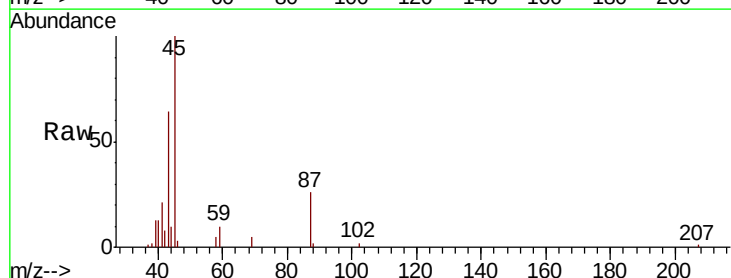
Ion Ratio Lower Upper

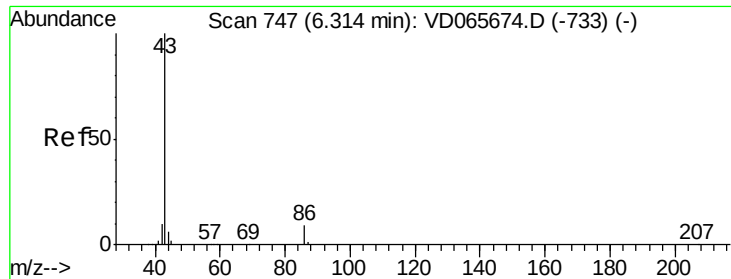
45 100

43 62.8 45.2 67.8

87 26.3 20.8 31.2

59 10.3 8.6 13.0

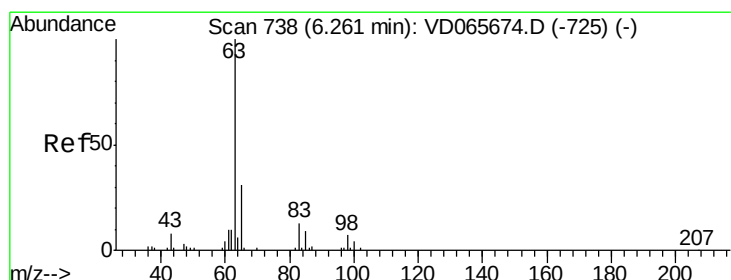
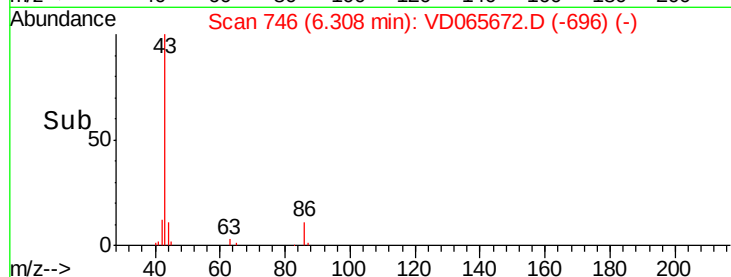
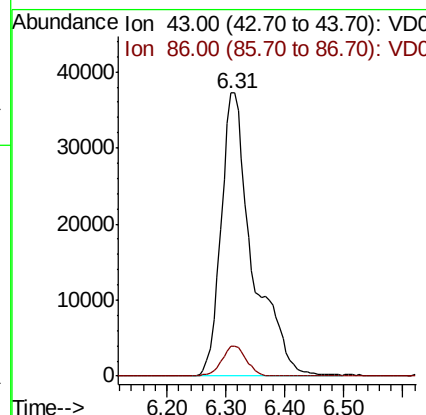
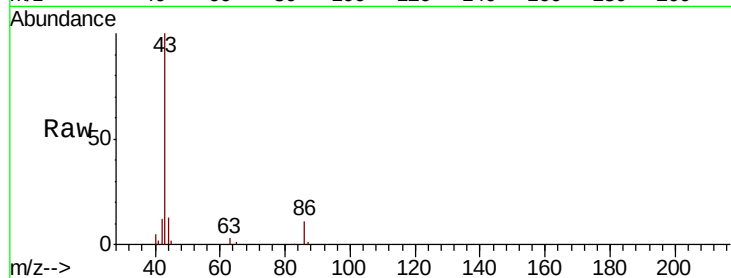




#23
 Vinyl Acetate
 Concen: 50.740 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

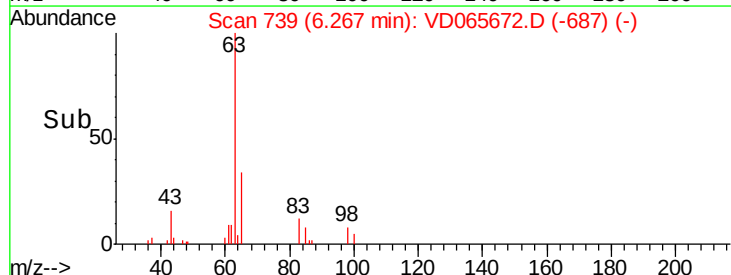
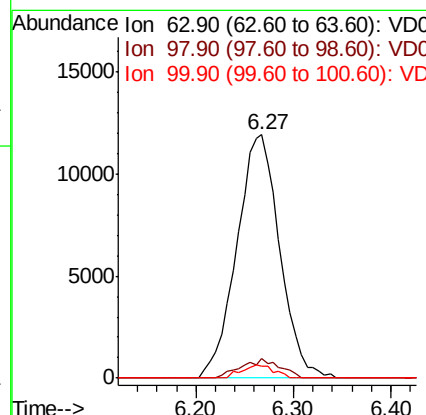
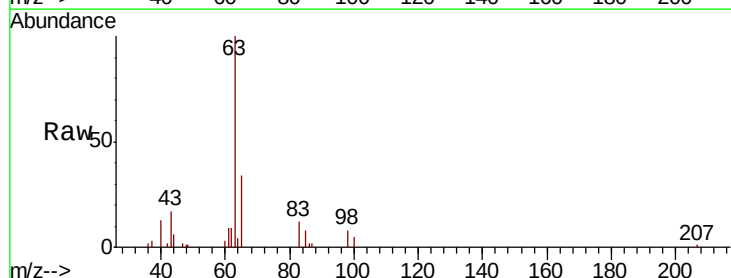
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

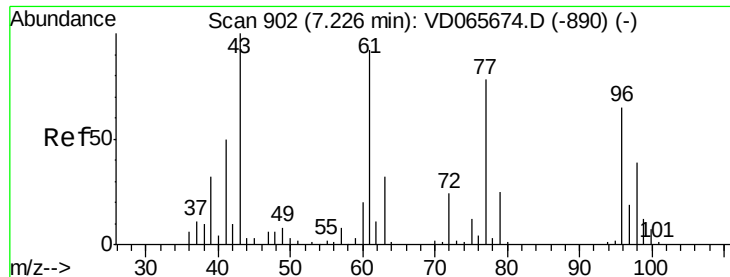
Tot Ion: 43 Resp: 137980
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.6 11.4



#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





#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

ClientSampleId :

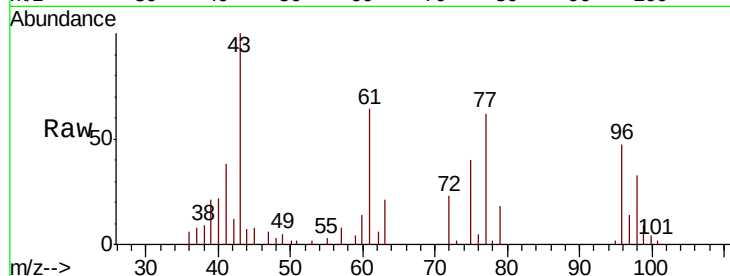
VSTDIC010

Tot Ion: 43 Resp: 25464

Ion Ratio Lower Upper

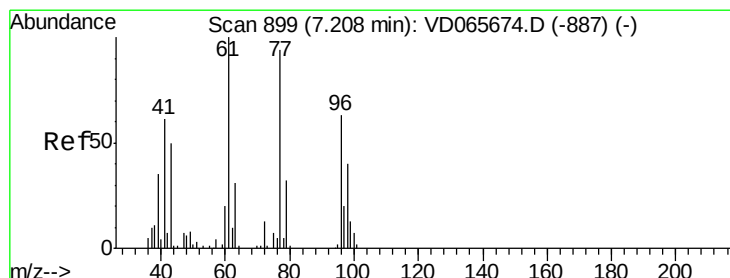
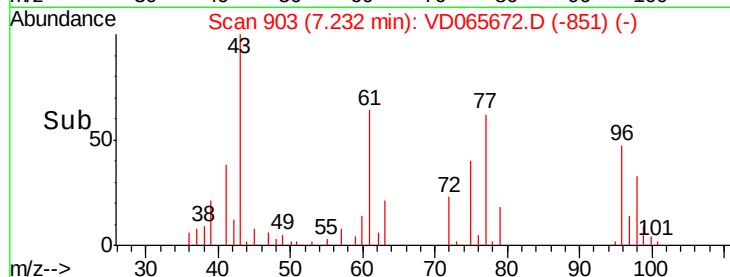
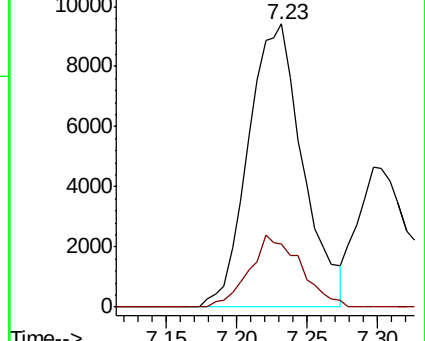
43 100

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

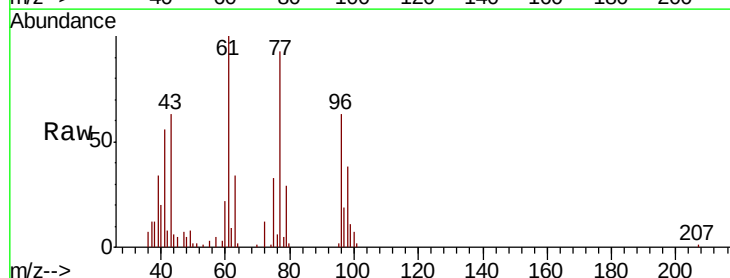
Acq: 24 Apr 2020 12:34

Tgt Ion: 77 Resp: 33599

Ion Ratio Lower Upper

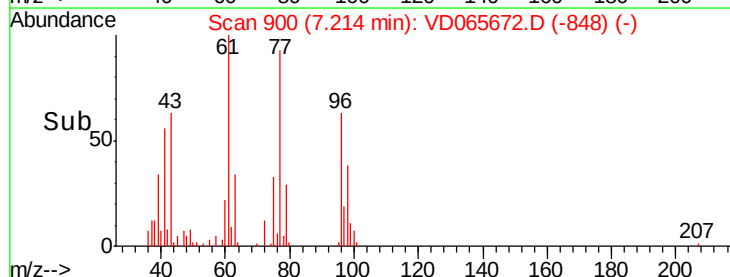
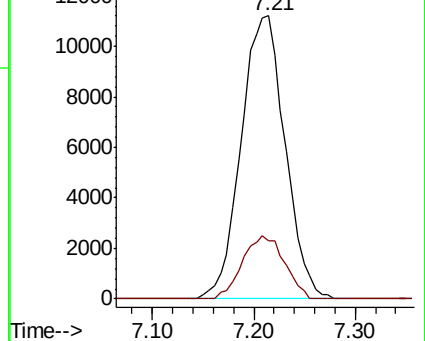
77 100

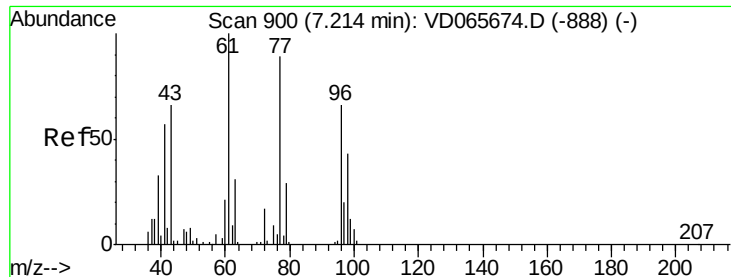
97 21.4 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

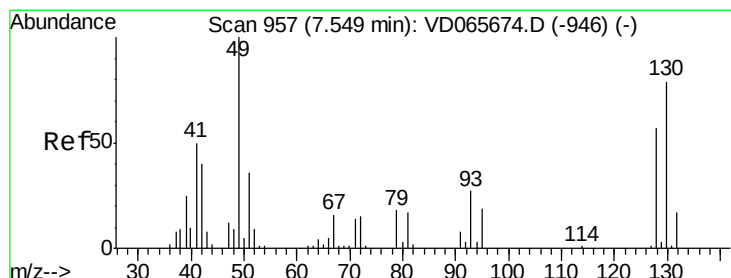
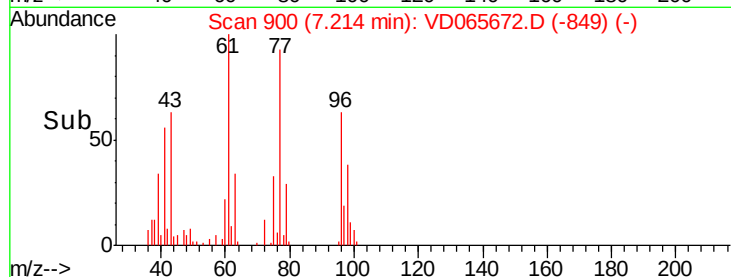
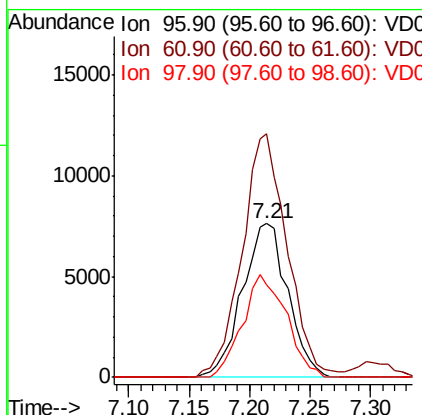
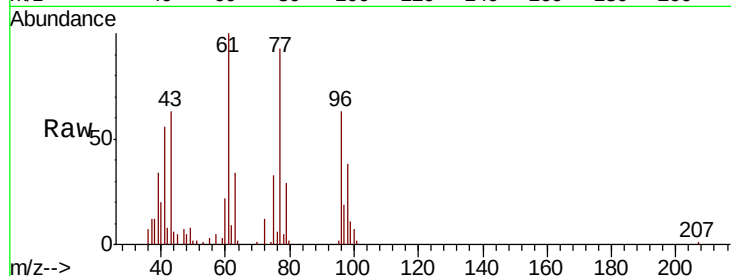




#27
 cis-1,2-Dichloroethene
 Concen: 10.384 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

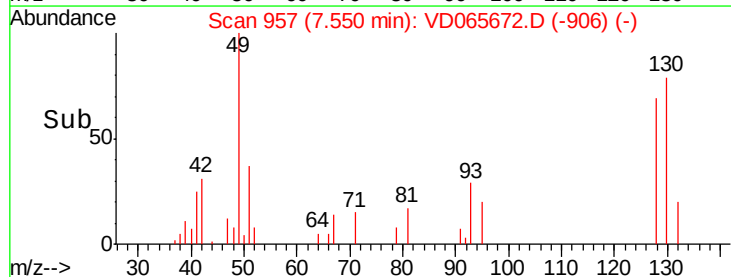
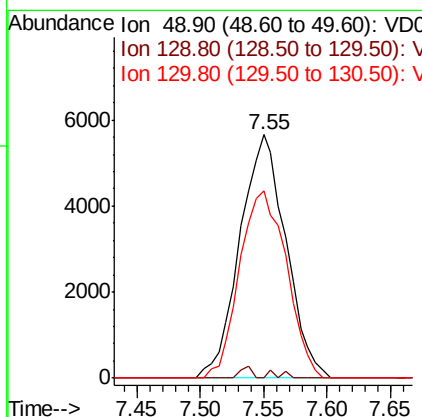
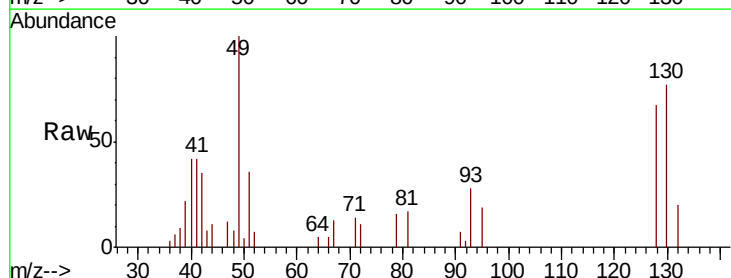
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

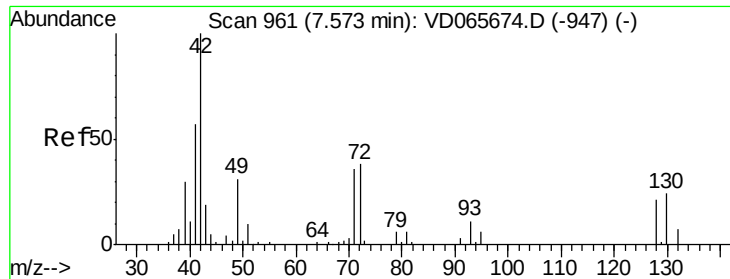
Tot Ion: 96 Resp: 19868
 Ion Ratio Lower Upper
 96 100
 61 157.2 0.0 304.6
 98 64.4 0.0 126.6



#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

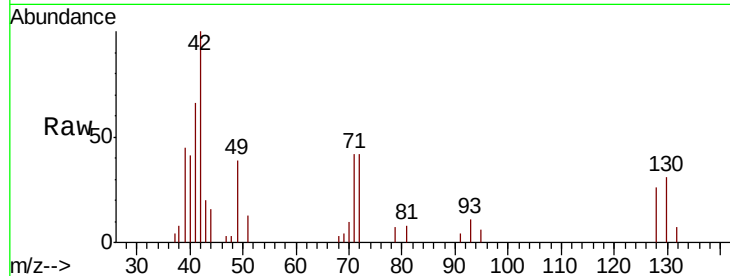




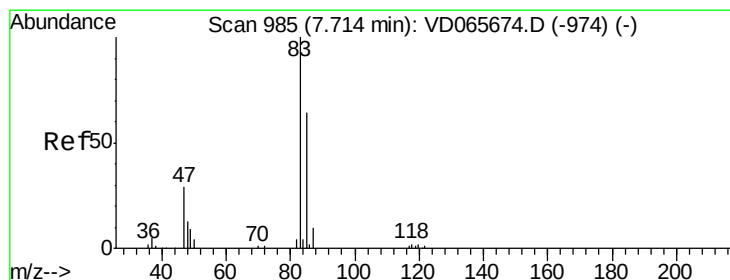
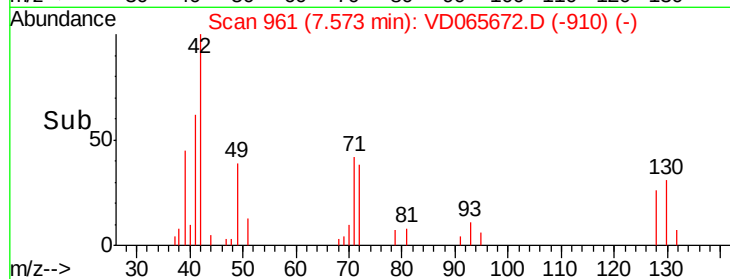
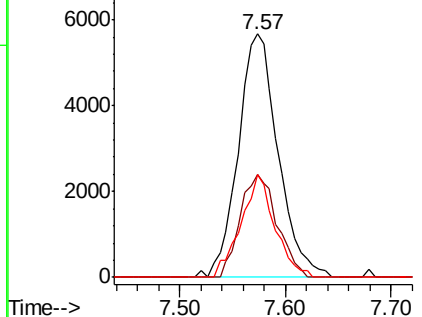
#29
Tetrahydrofuran
Concen: 52.780 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

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

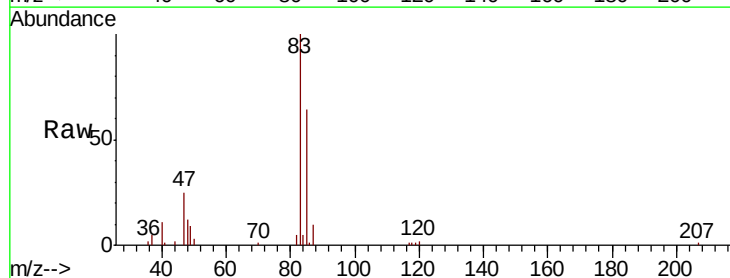


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

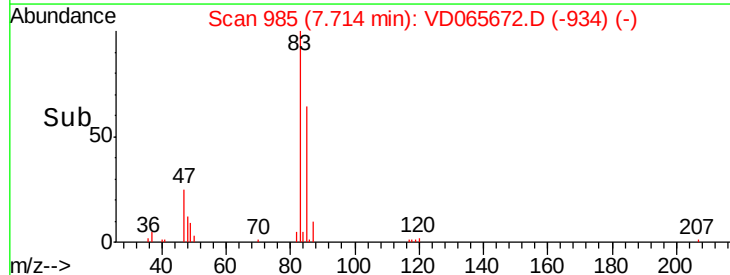
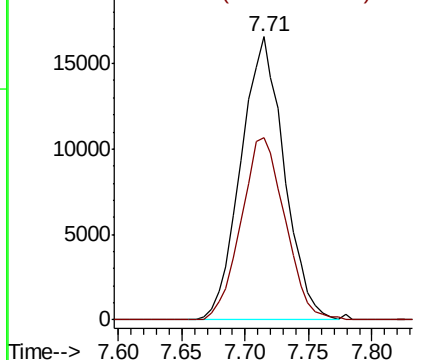


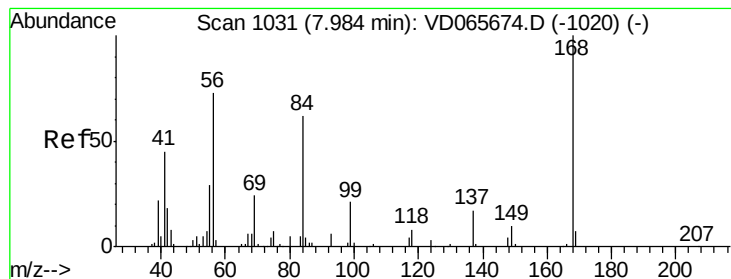
#30
Chloroform
Concen: 10.791 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

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

ClientSampleID :

VSTDIC010

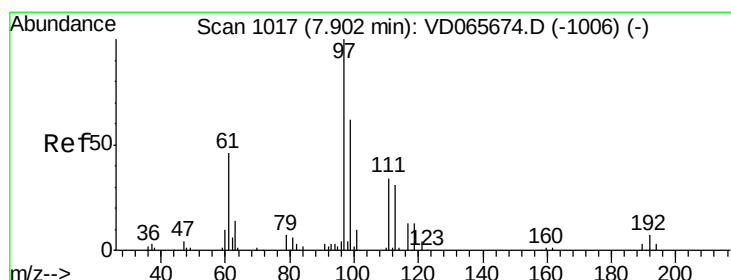
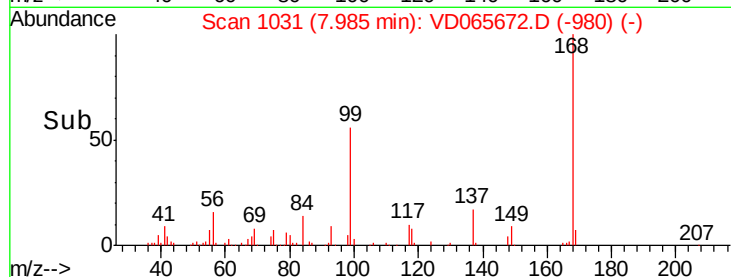
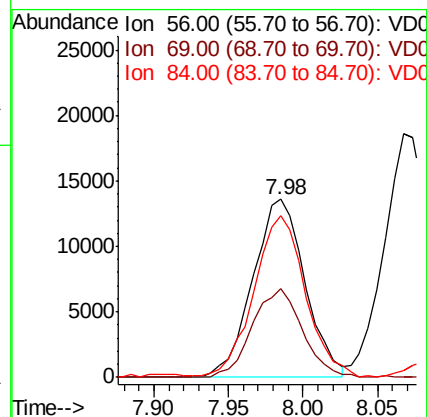
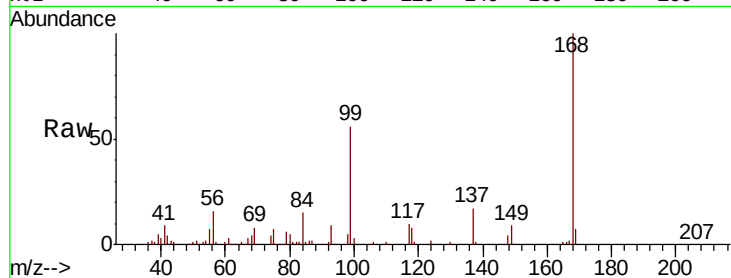
Tot Ion: 56 Resp: 32993

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

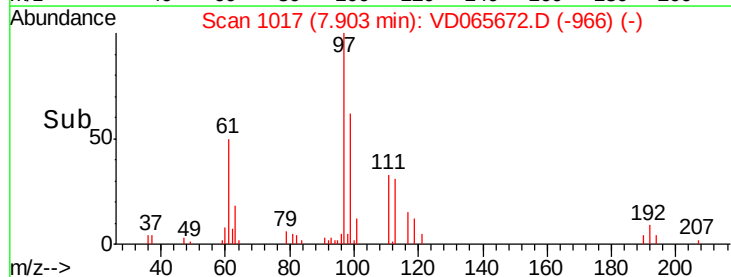
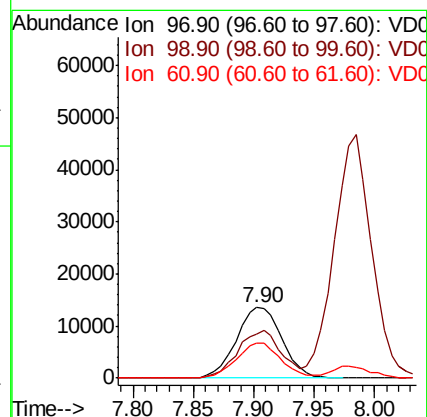
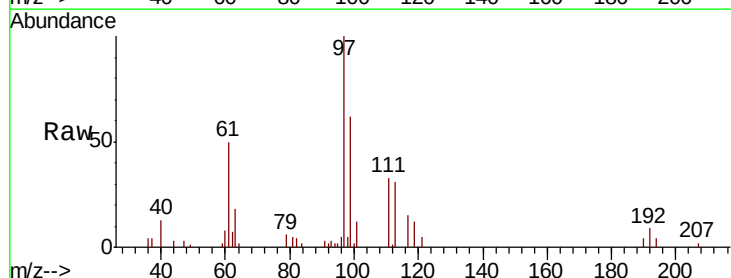
Tgt Ion: 97 Resp: 35524

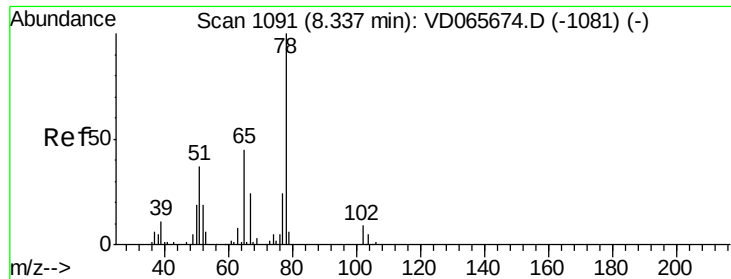
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 48.4 37.4 56.2

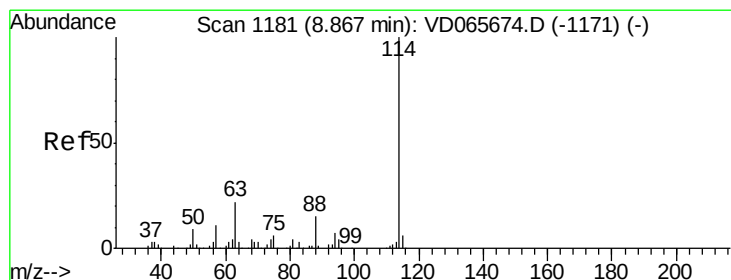
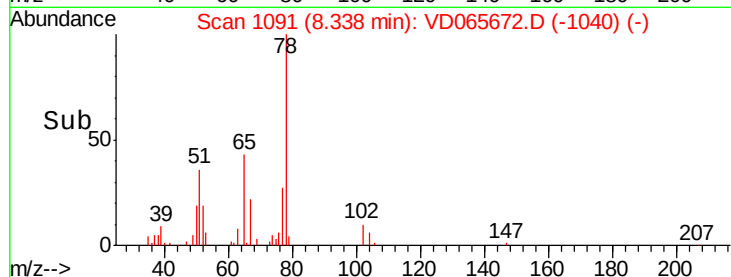
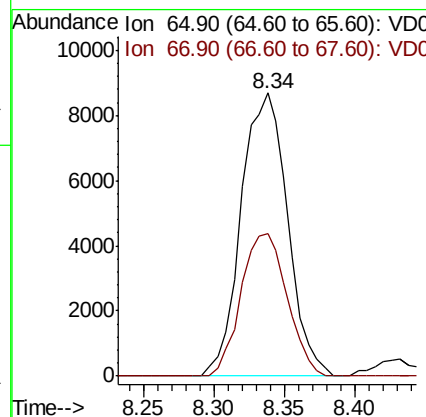
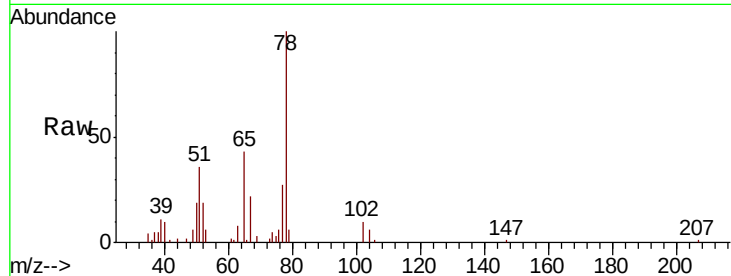




#33
 1,2-Dichloroethane-d4
 Concen: 10.276 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

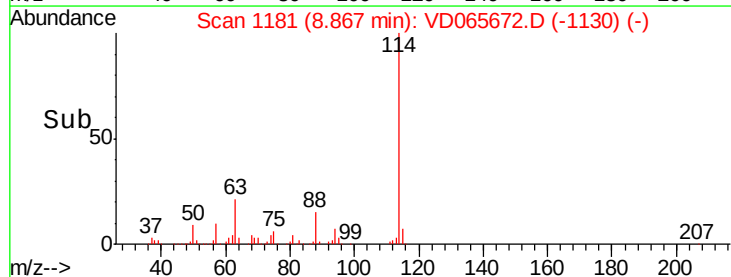
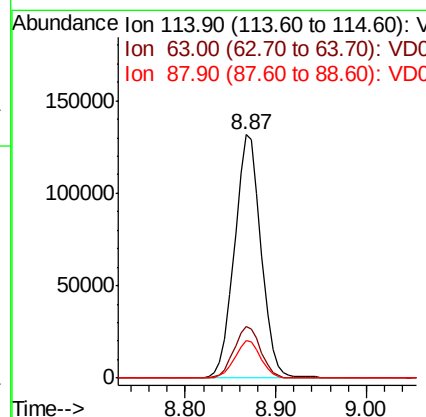
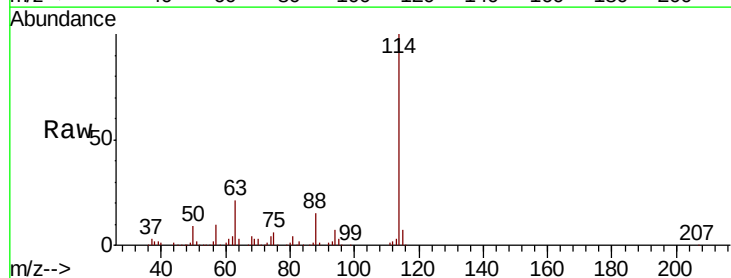
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

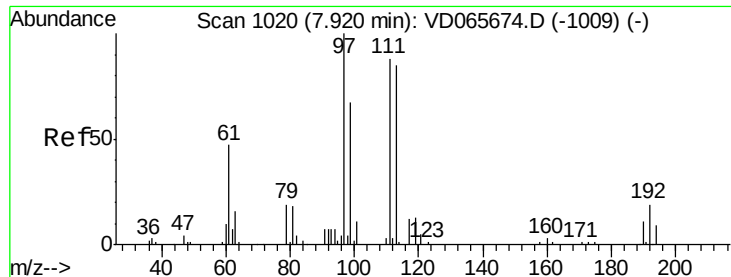
Tot Ion: 65 Resp: 19962
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 100.2



#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

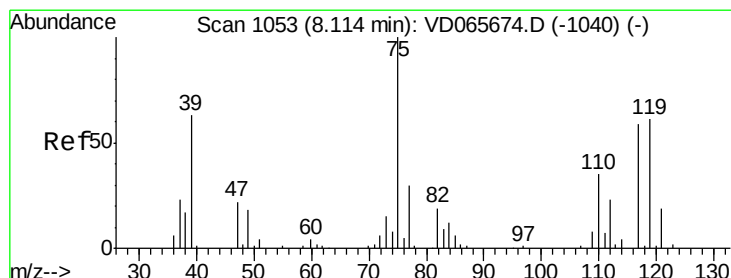
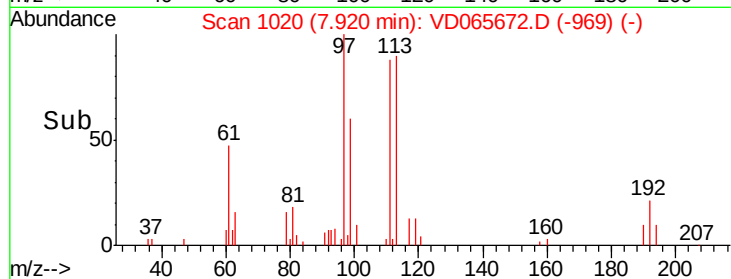
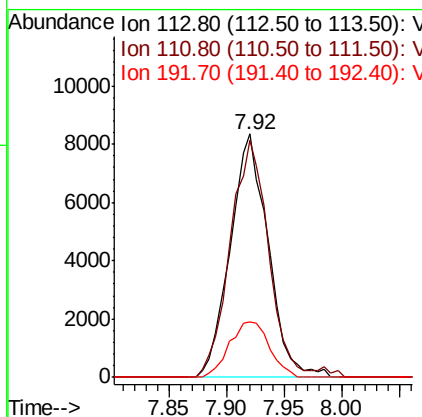
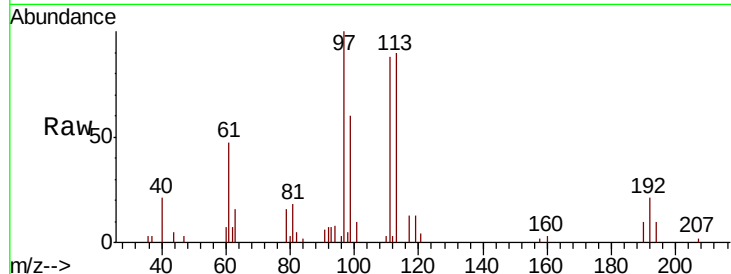




#35
 Dibromofluoromethane
 Concen: 10.182 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

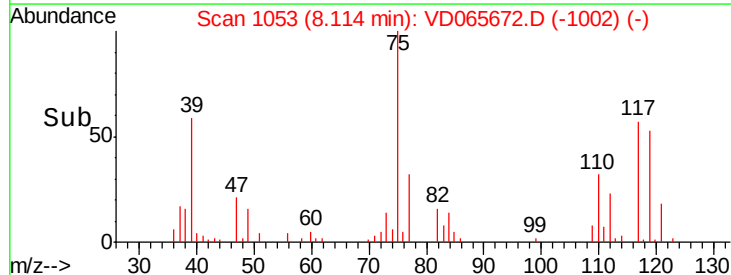
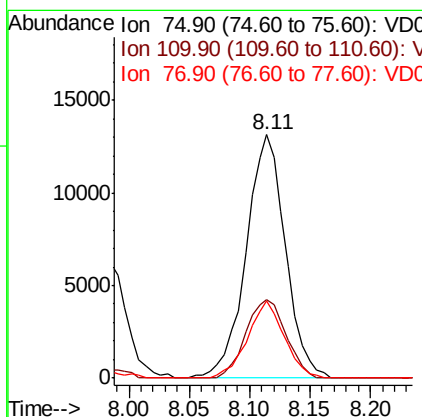
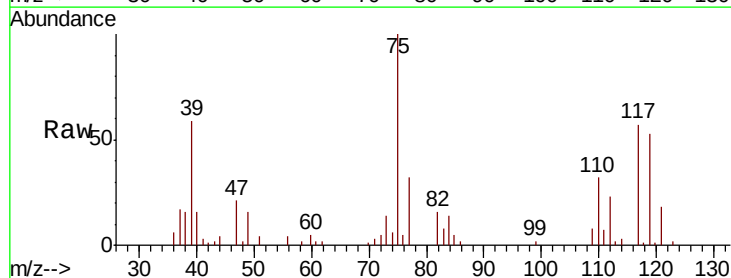
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

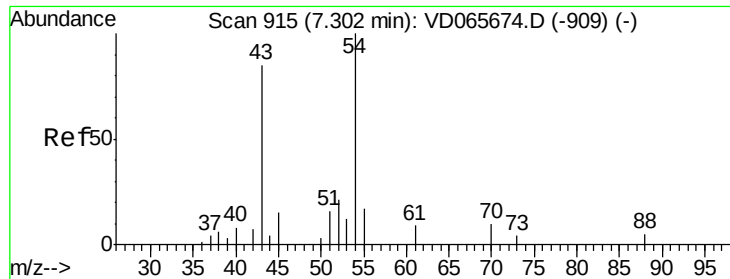
Tot Ion:113 Resp: 19038
 Ion Ratio Lower Upper
 113 100
 111 98.4 83.4 125.0
 192 24.0 17.7 26.5



#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: 75 Resp: 29795
 Ion Ratio Lower Upper
 75 100
 110 32.8 17.2 51.5
 77 29.7 24.5 36.7

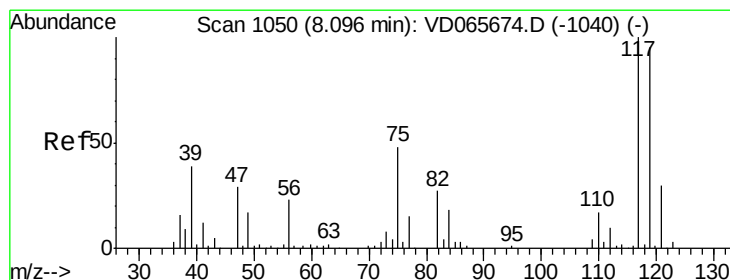
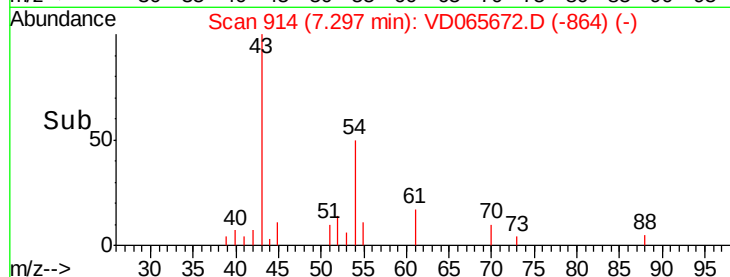
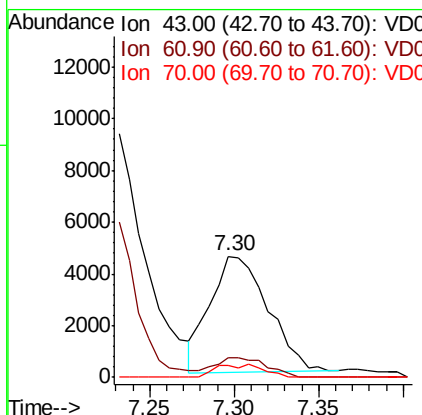
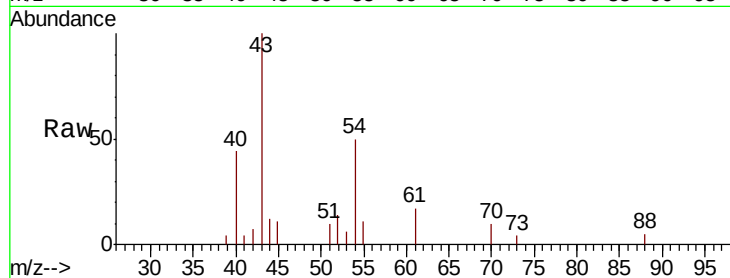




#37
Ethyl Acetate
Concen: 9.761 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

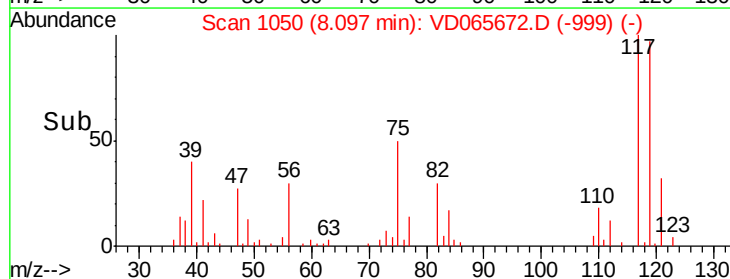
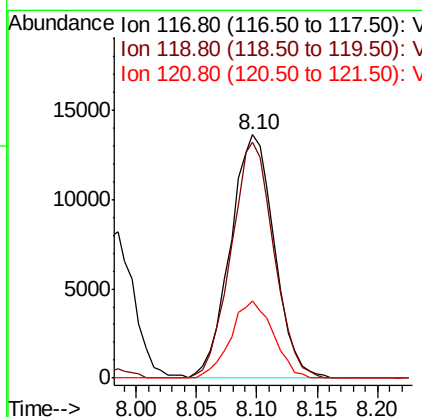
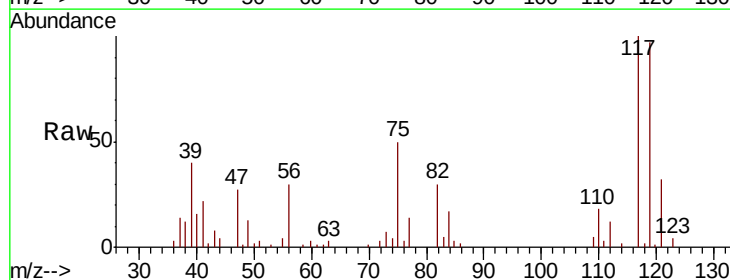
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

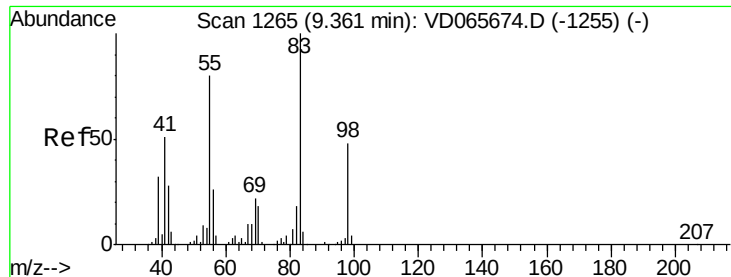
Tot Ion: 43 Resp: 10736
Ion Ratio Lower Upper
43 100
61 15.8 11.3 16.9
70 9.1 7.5 11.3



#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

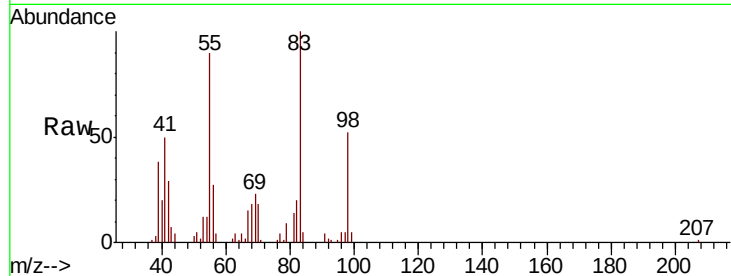




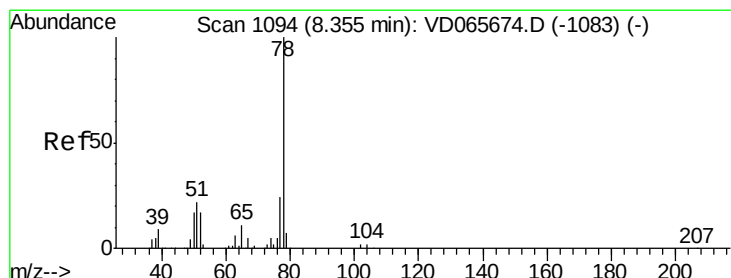
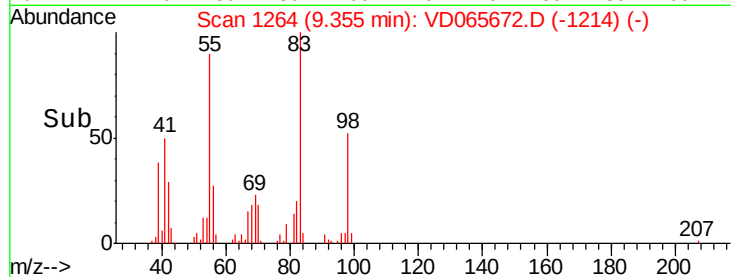
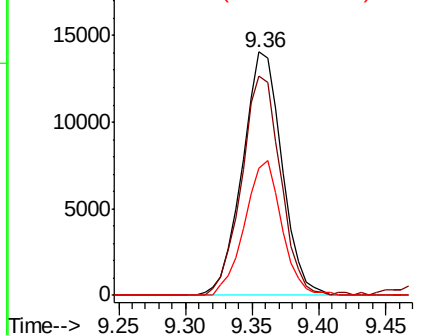
#39
Methylvlcyclohexane
Concen: 9.857 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

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

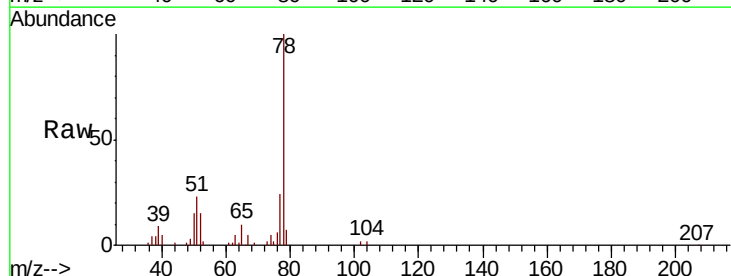


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

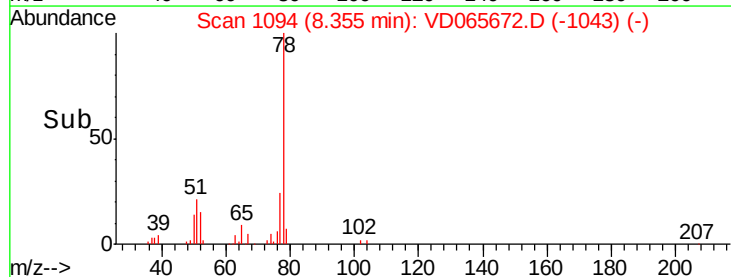
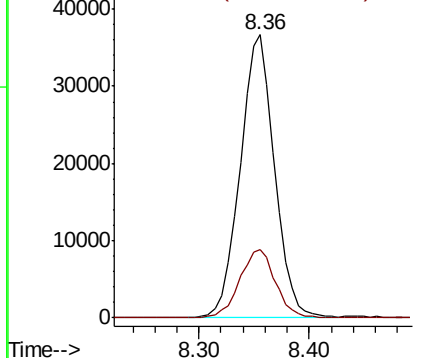


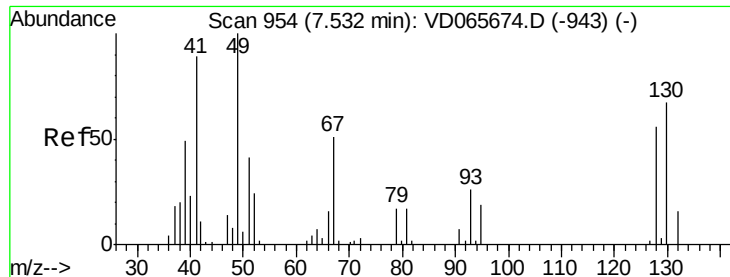
#40
Benzene
Concen: 10.284 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

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

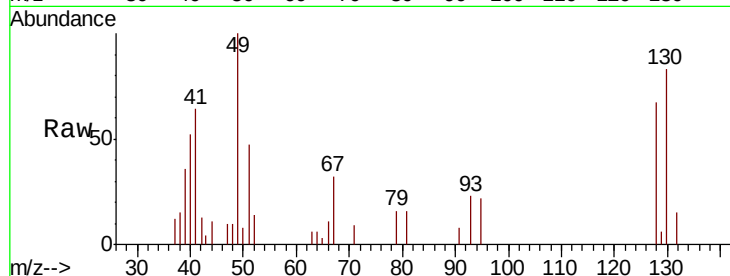




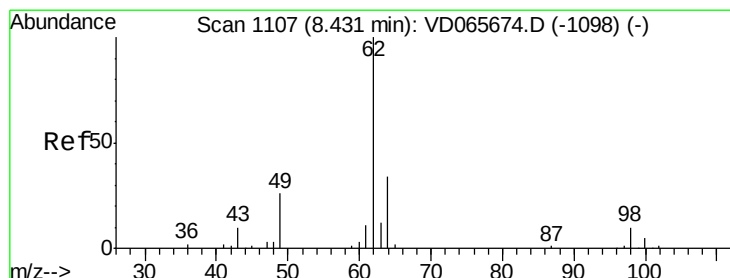
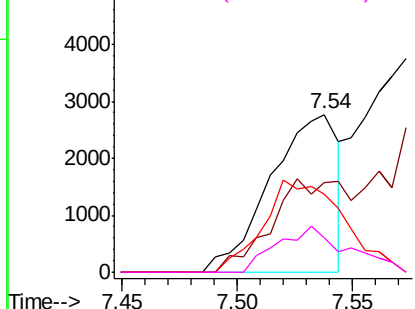
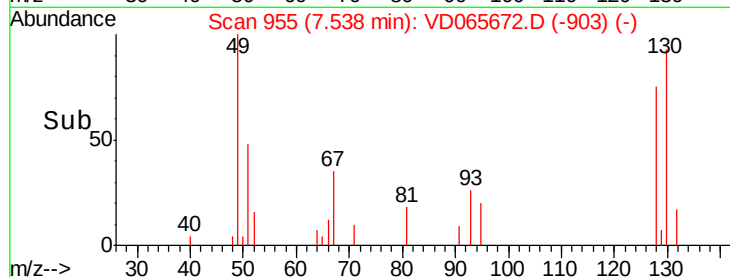
#41
Methacrylonitrile
Concen: 9.928 ug/l
RT: 7.54 min Scan# 955
Delta R.T. 0.01 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

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

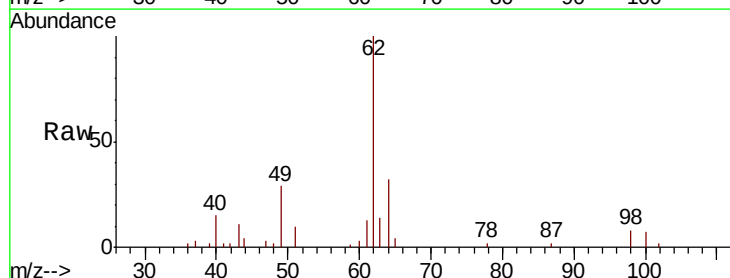


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

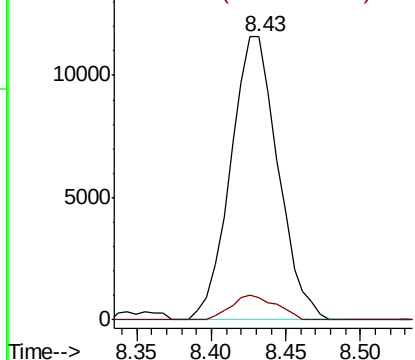
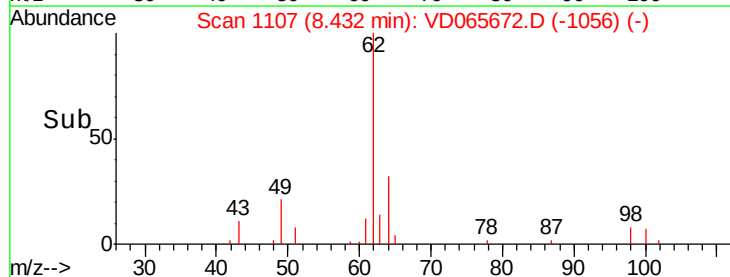


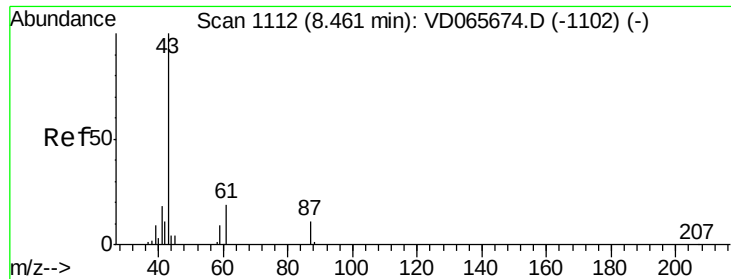
#42
1,2-Dichloroethane
Concen: 10.490 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

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

ClientSampleId :

VSTDIC010

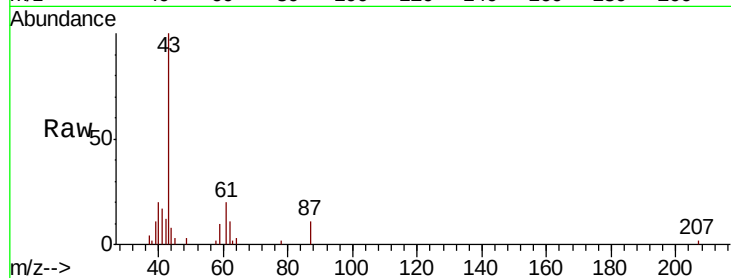
Tot Ion: 43 Resp: 21157

Ion Ratio Lower Upper

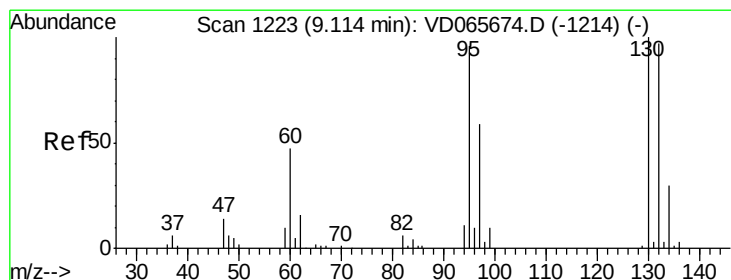
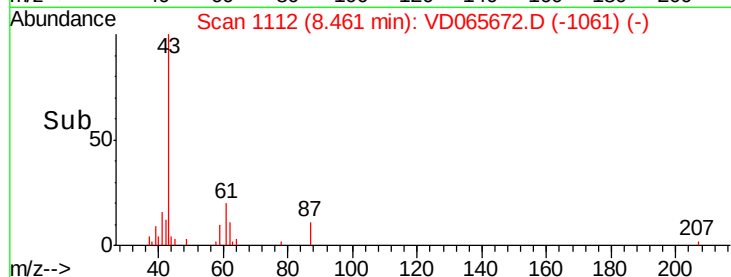
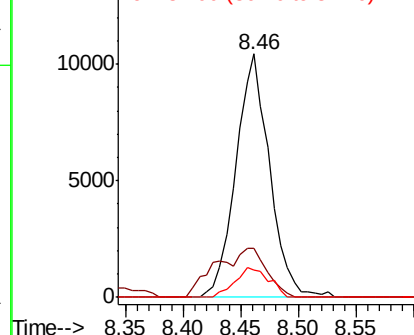
43 100

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

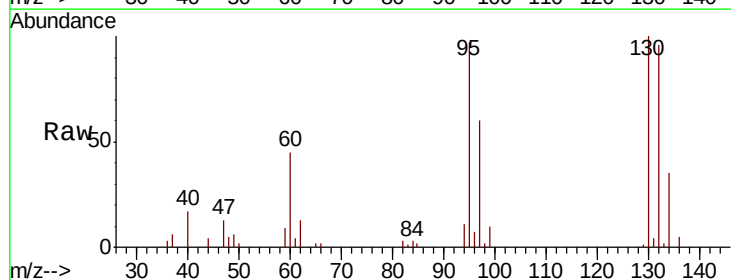
Acq: 24 Apr 2020 12:34

Tgt Ion:130 Resp: 22889

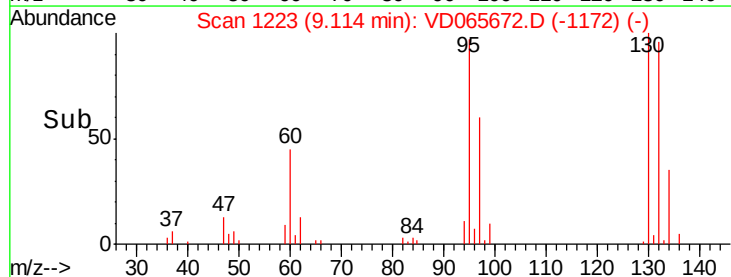
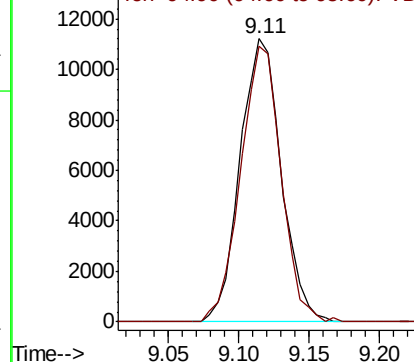
Ion Ratio Lower Upper

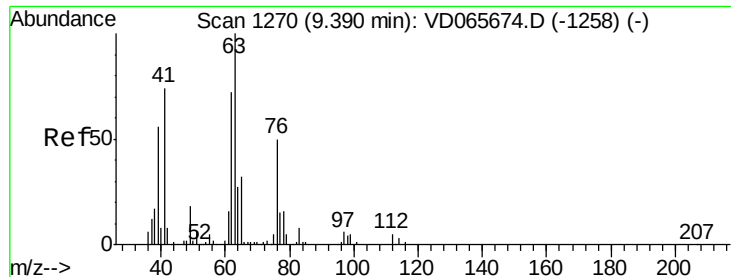
130 100

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

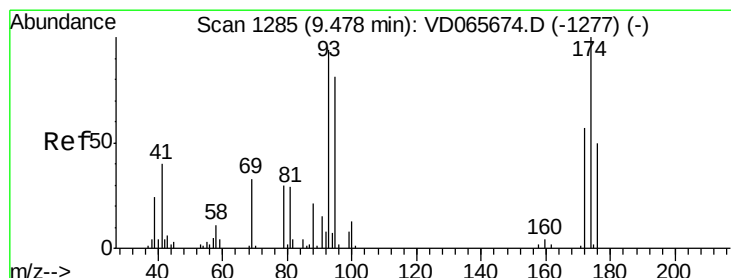
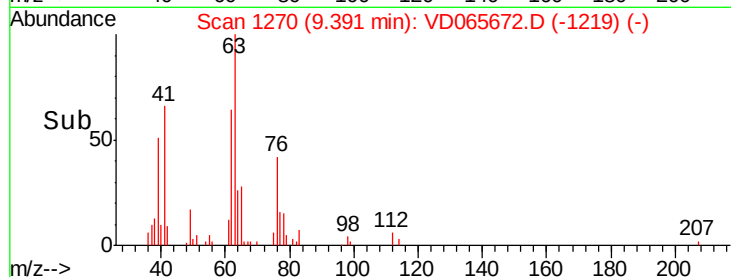
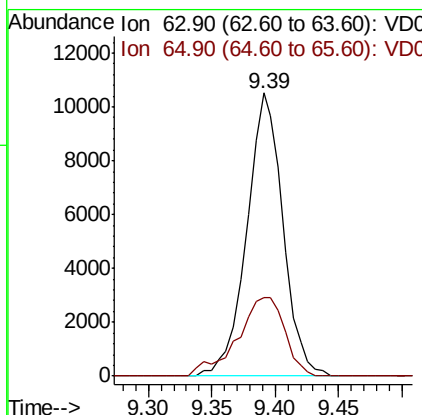
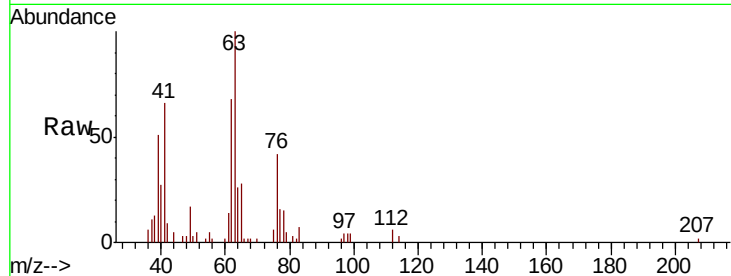




#45
 1,2-Dichloropropane
 Concen: 10.518 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

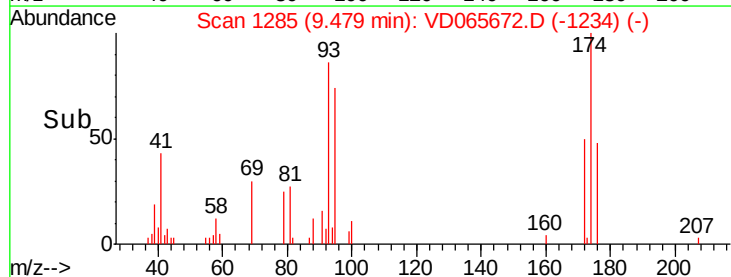
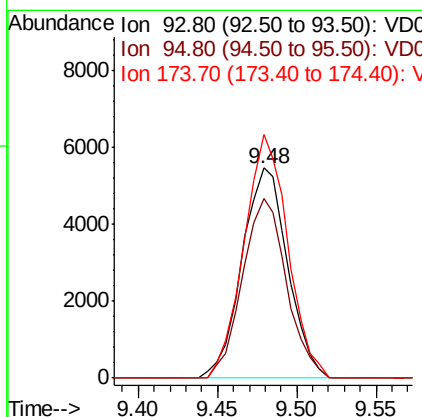
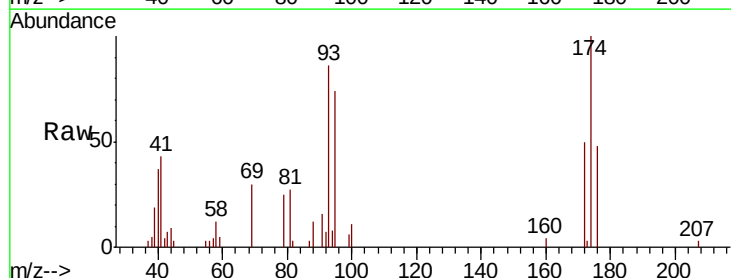
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

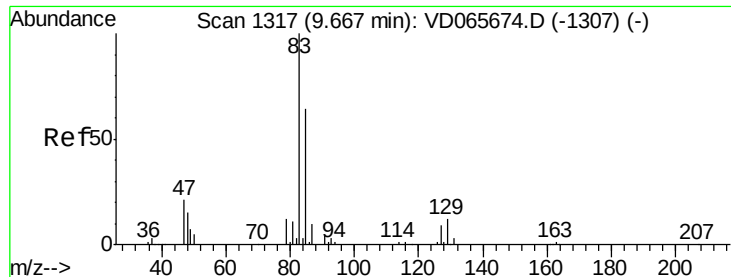
Tot Ion: 63 Resp: 20839
 Ion Ratio Lower Upper
 63 100
 65 27.7 25.5 38.3



#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

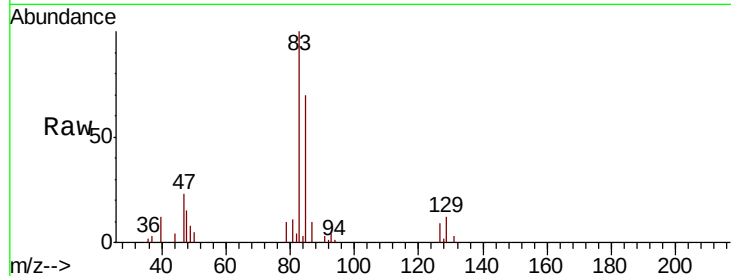




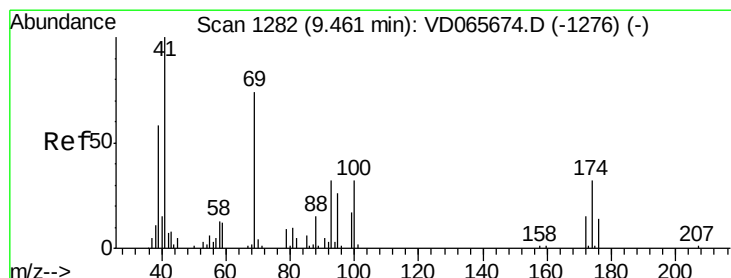
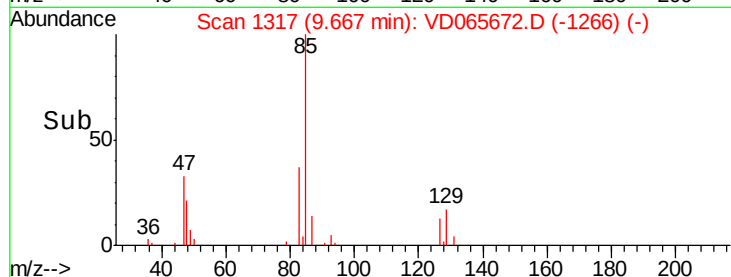
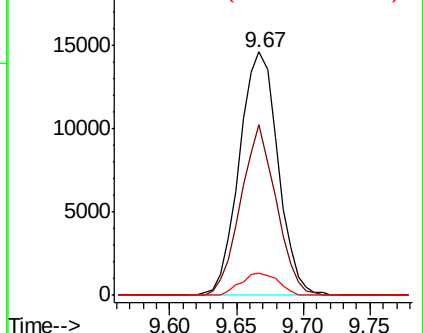
#47
Bromodichloromethane
Concen: 10.371 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

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

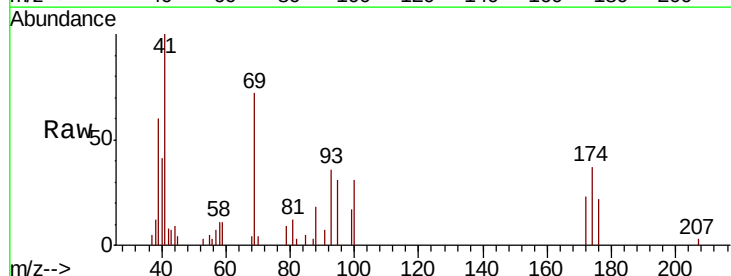


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

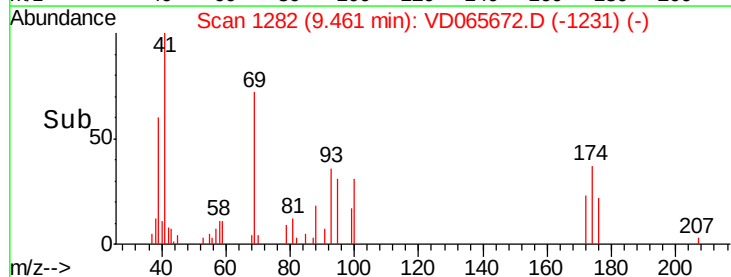
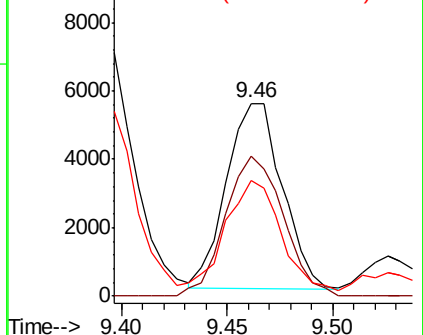


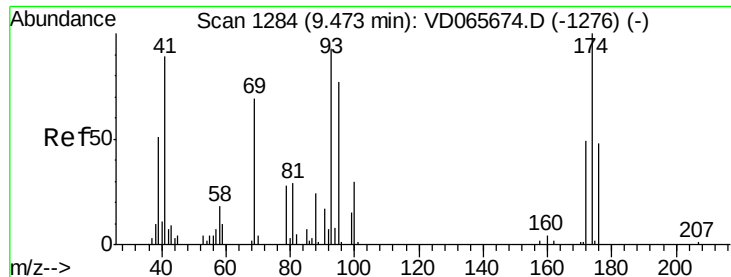
#48
Methyl methacrylate
Concen: 10.217 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

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 :

VSTDIC010

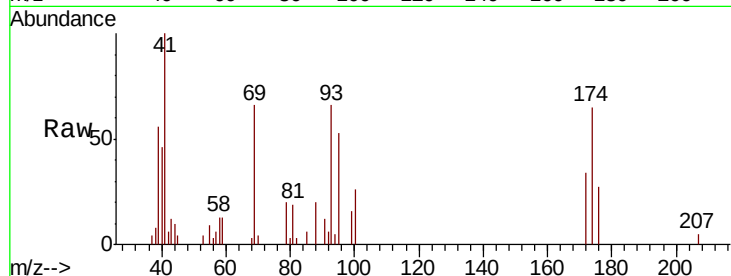
Tot Ion: 88 Resp: 2301

Ion Ratio Lower Upper

88 100

43 43.6 34.2 51.2

58 71.7 58.2 87.2

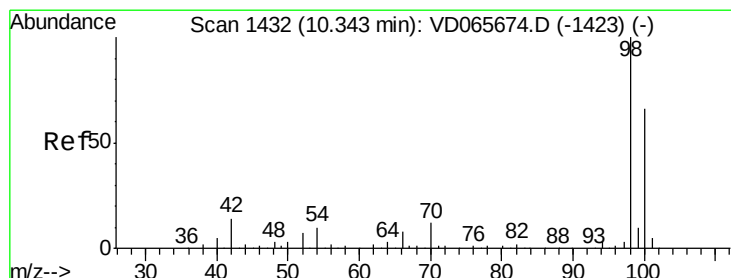
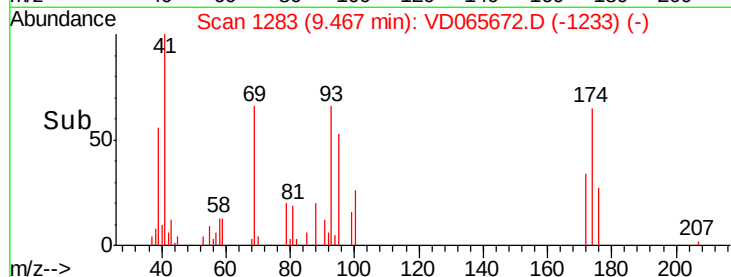
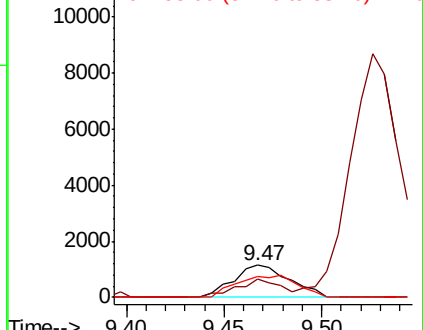


Abundance

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

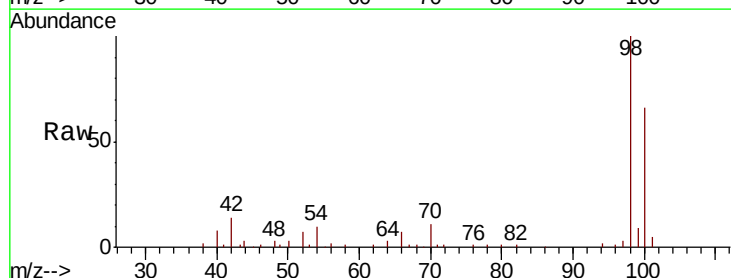
Acq: 24 Apr 2020 12:34

Tgt Ion: 98 Resp: 66167

Ion Ratio Lower Upper

98 100

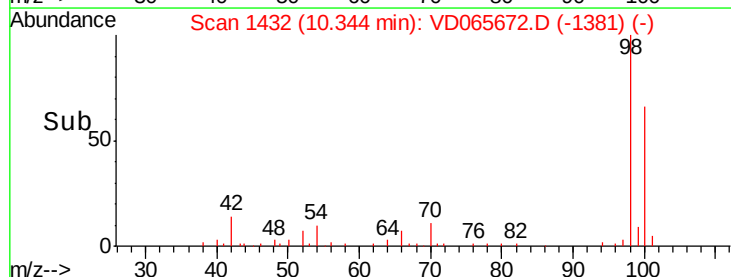
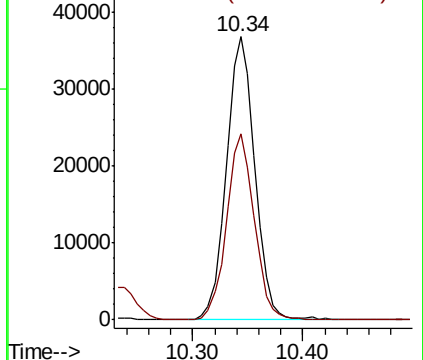
100 64.1 52.2 78.4

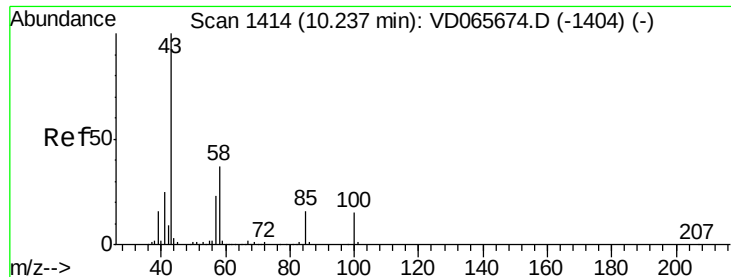


Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

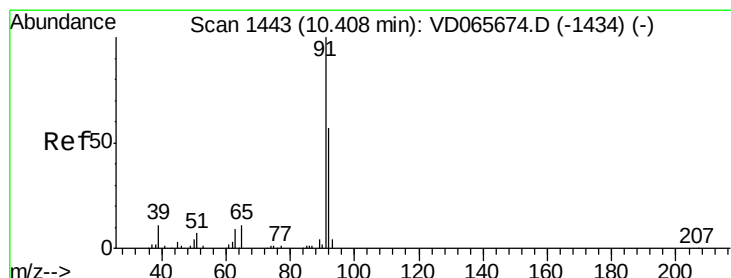
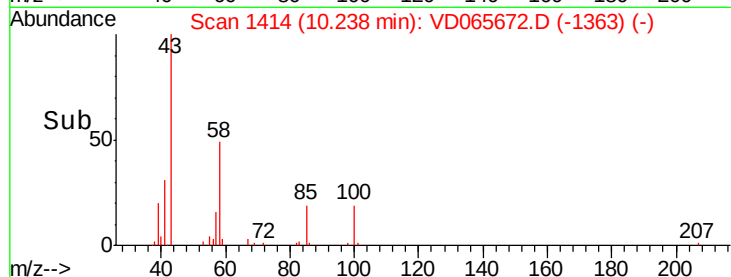
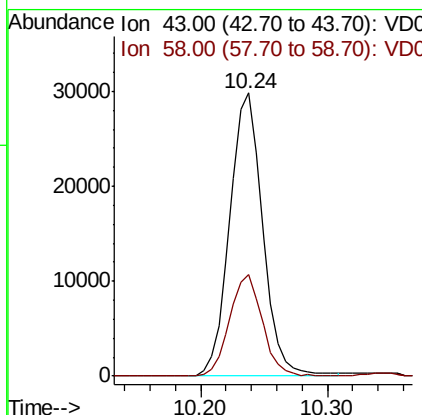
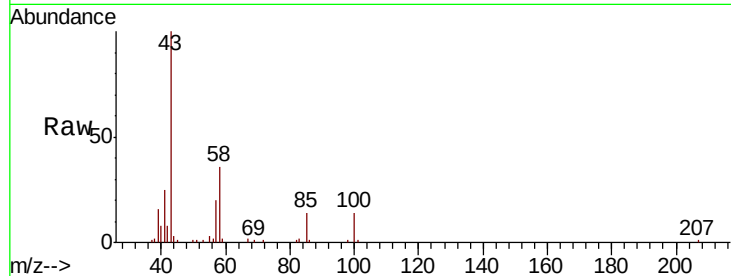




#51
4-Methyl-2-Pentanone
Concen: 52.284 ug/l
RT: 10.24 min Scan# 1414
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

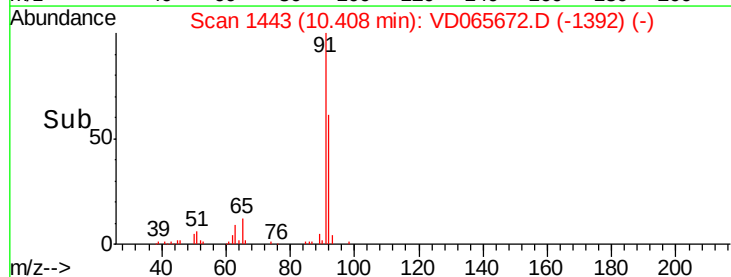
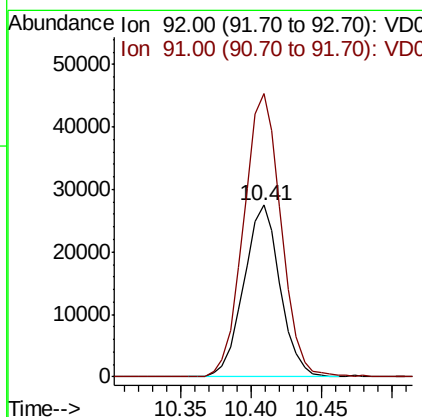
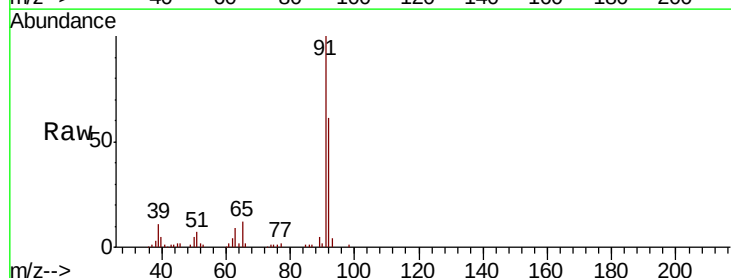
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

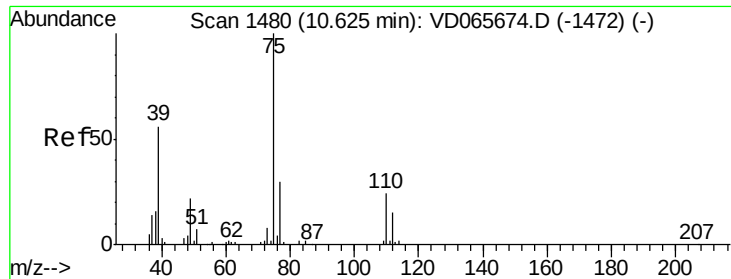
Tot Ion: 43 Resp: 53741
Ion Ratio Lower Upper
43 100
58 35.4 28.9 43.3



#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





#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 :

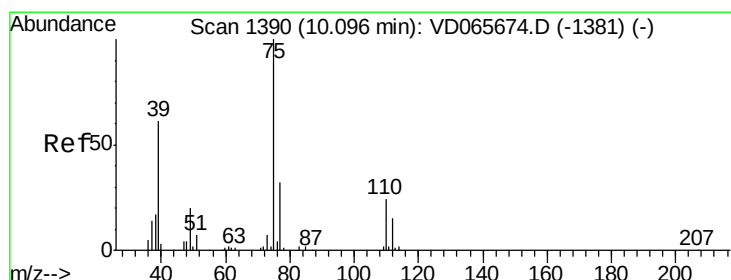
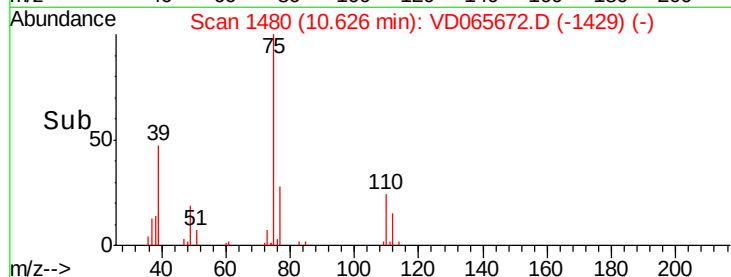
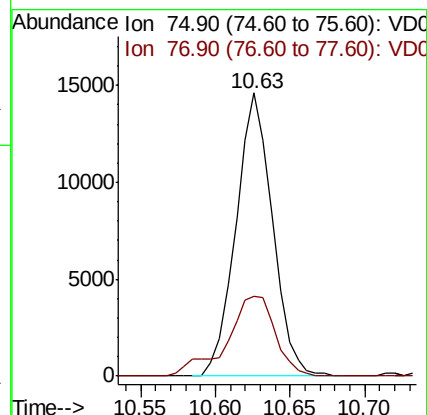
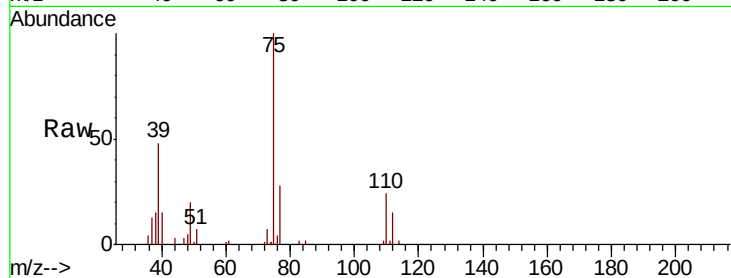
VSTDIC010

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

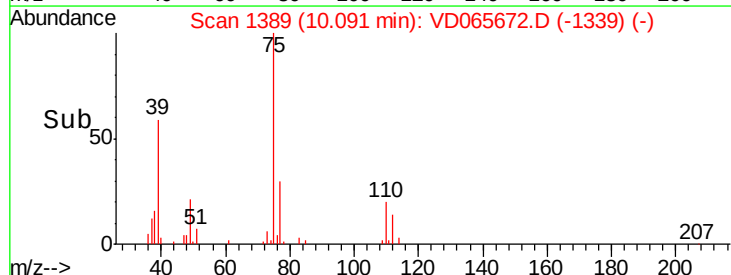
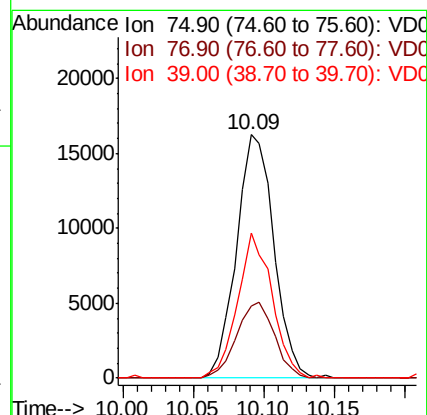
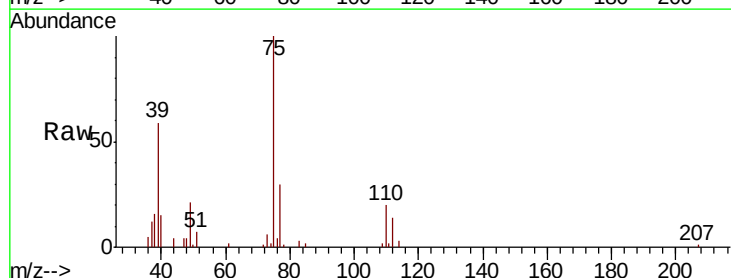
Tgt Ion: 75 Resp: 30051

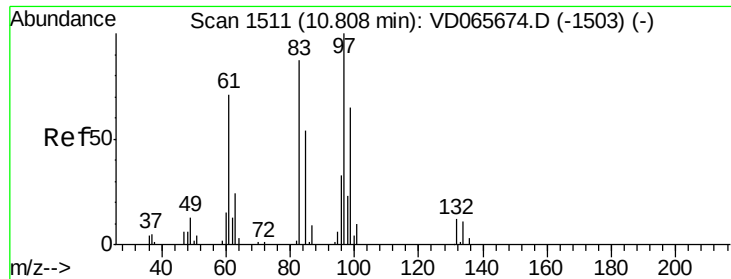
Ion Ratio Lower Upper

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 :

VSTDIC010

Tot Ion: 97 Resp: 15195

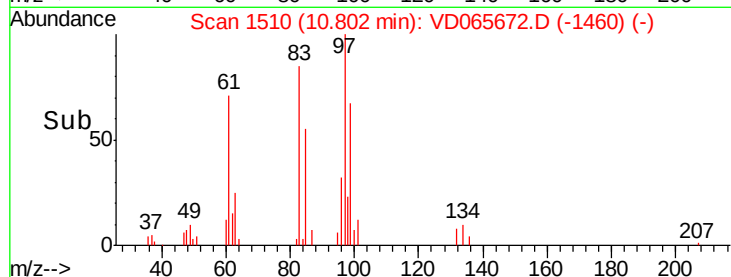
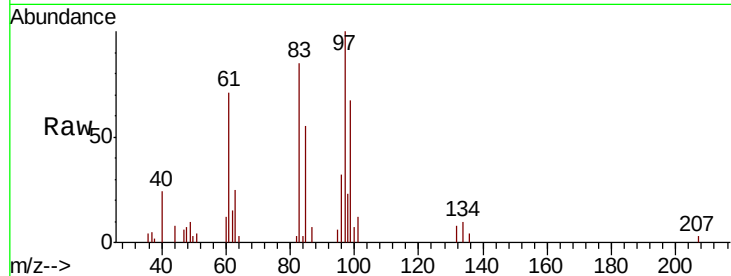
Ion	Ratio	Lower	Upper
97	100		
83	85.3	69.6	104.4
85	55.2	43.5	65.3
99	67.3	51.7	77.5

97 100

83 85.3 69.6 104.4

85 55.2 43.5 65.3

99 67.3 51.7 77.5

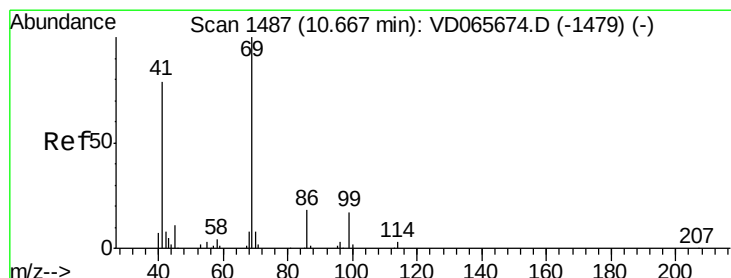
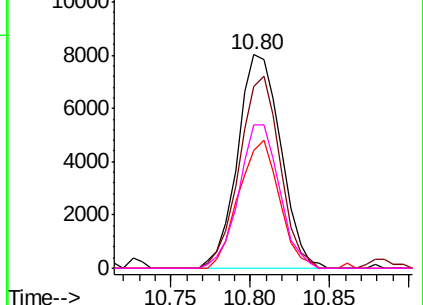


Abundance Ion 96.90 (96.60 to 97.60): VDC

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

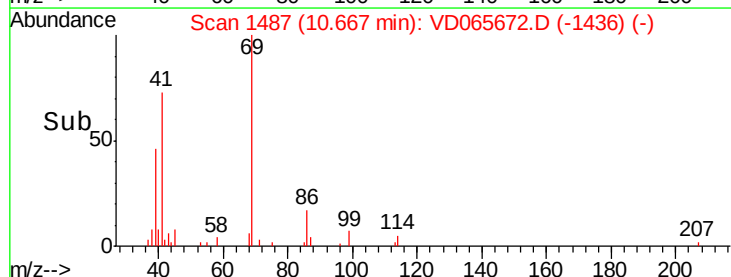
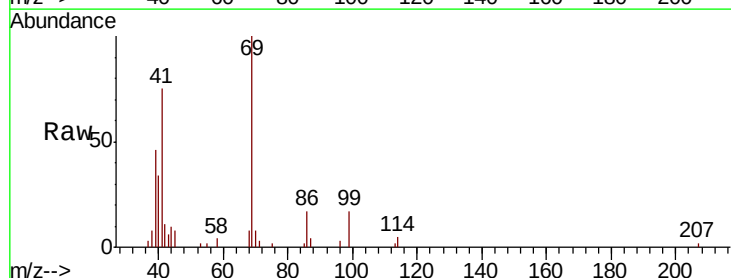
Tgt Ion: 69 Resp: 13205

Ion	Ratio	Lower	Upper
69	100		
41	79.9	62.3	93.5
39	44.8	34.4	51.6

69 100

41 79.9 62.3 93.5

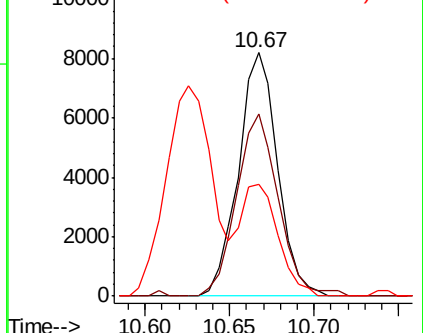
39 44.8 34.4 51.6

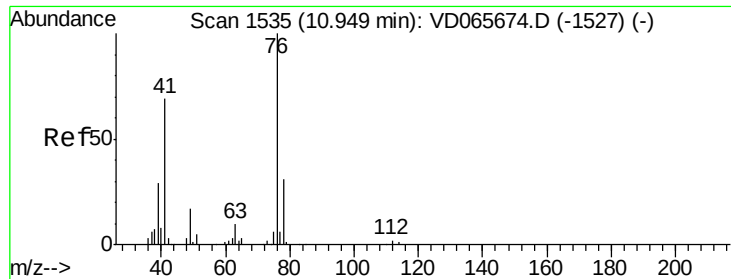


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

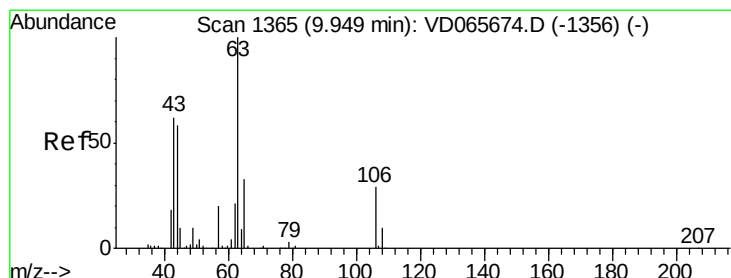
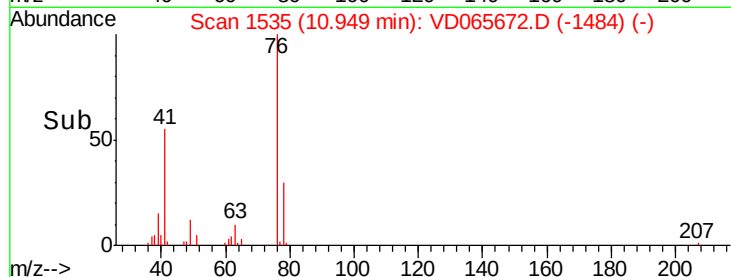
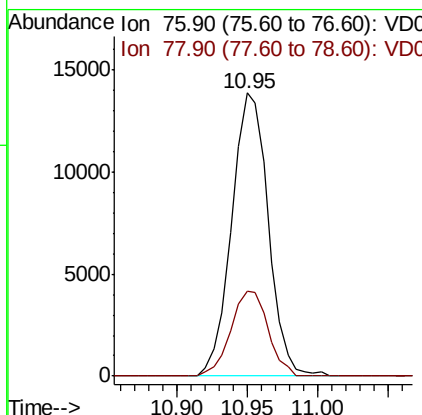
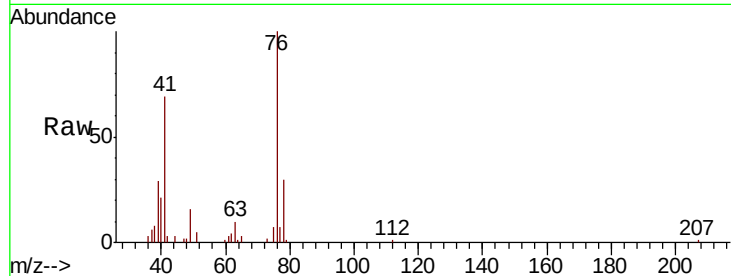




#57
 1,3-Dichloropropane
 Concen: 10.498 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

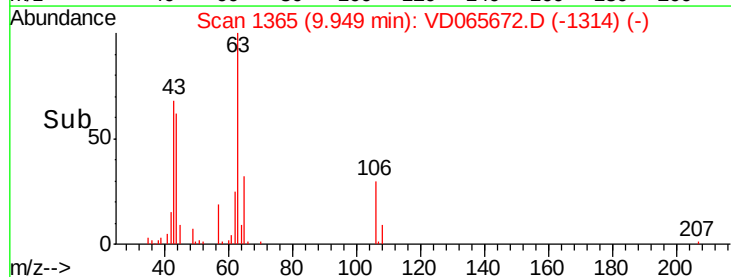
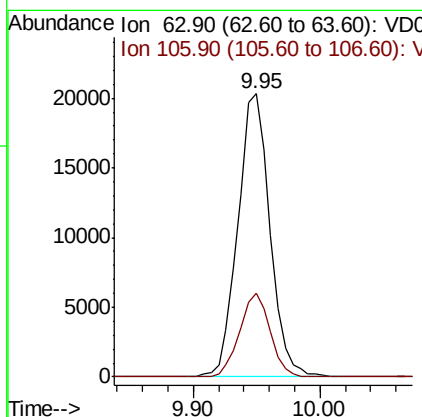
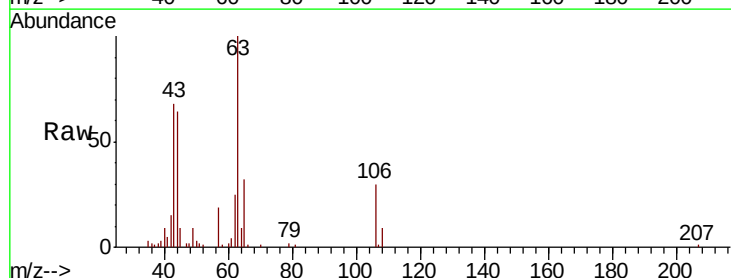
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

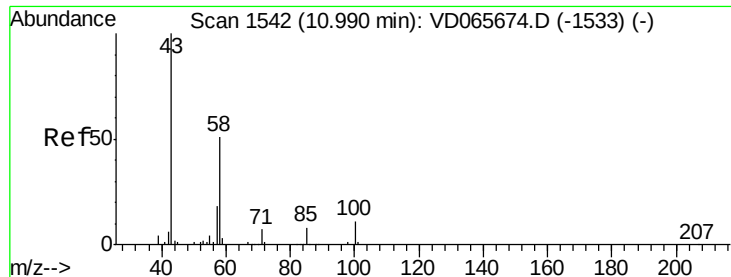
Tot Ion: 76 Resp: 25054
 Ion Ratio Lower Upper
 76 100
 78 30.6 25.9 38.9



#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

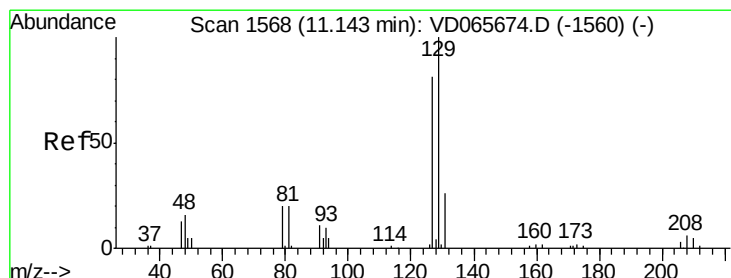
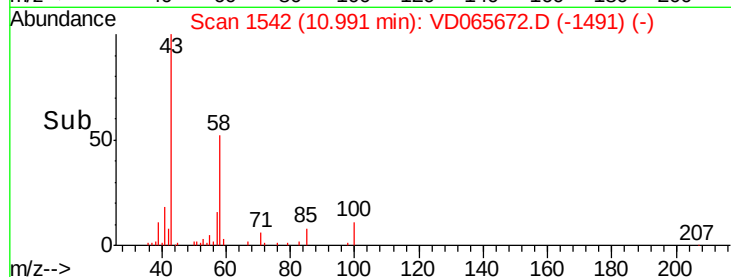
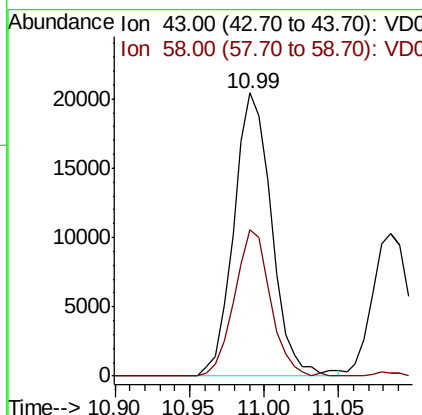
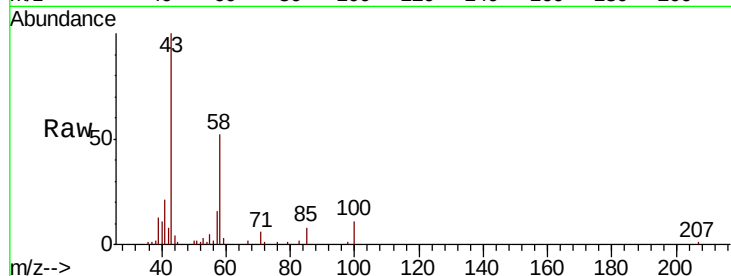




#59
2-Hexanone
Concen: 51.600 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

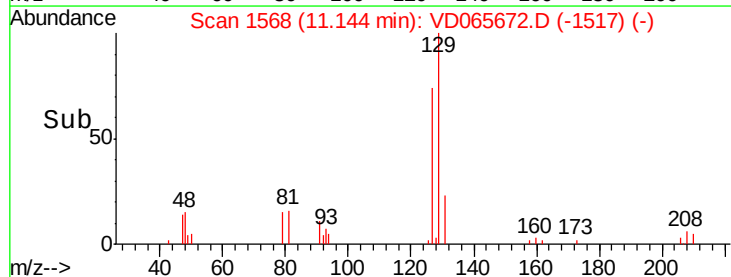
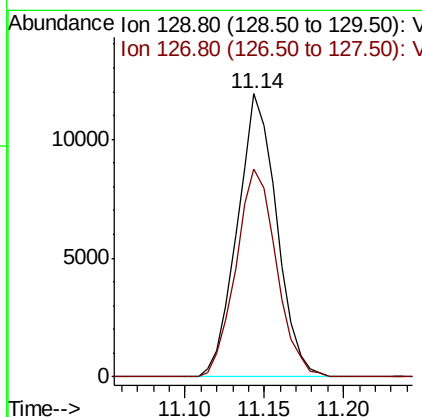
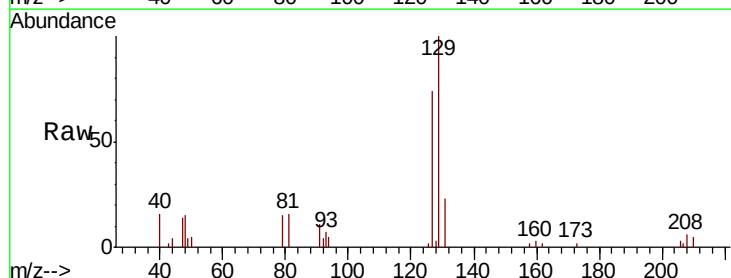
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

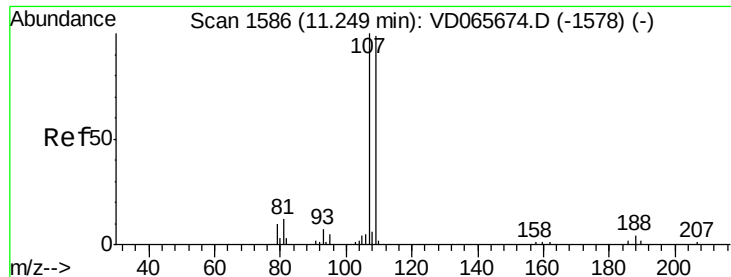
Tot Ion: 43 Resp: 35971
Ion Ratio Lower Upper
43 100
58 49.0 24.9 74.7



#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

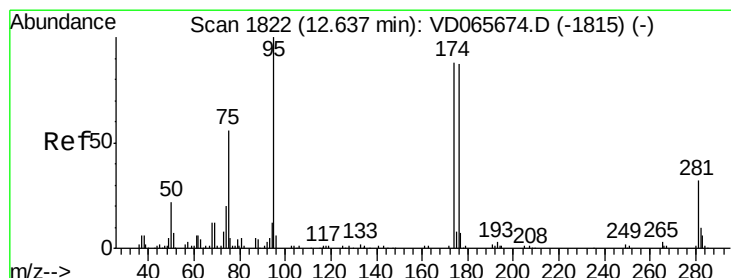
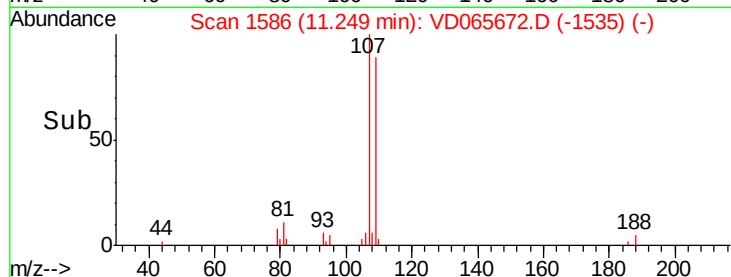
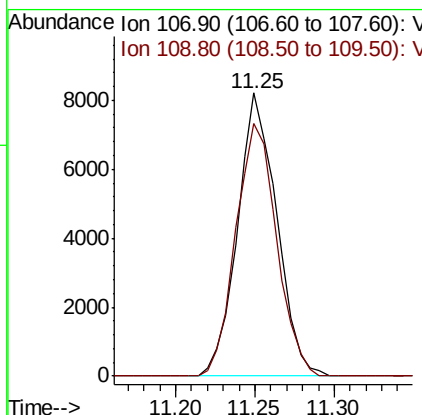
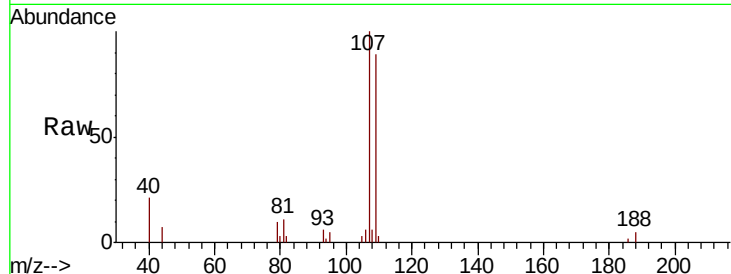




#61
 1,2-Dibromoethane
 Concen: 10.642 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

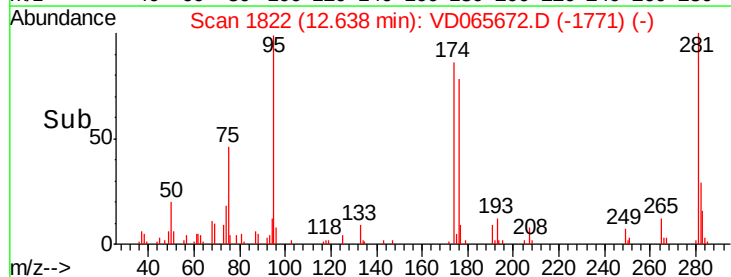
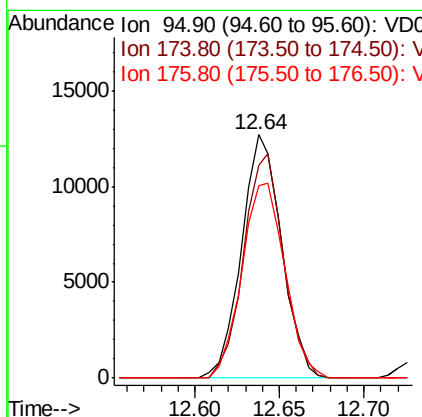
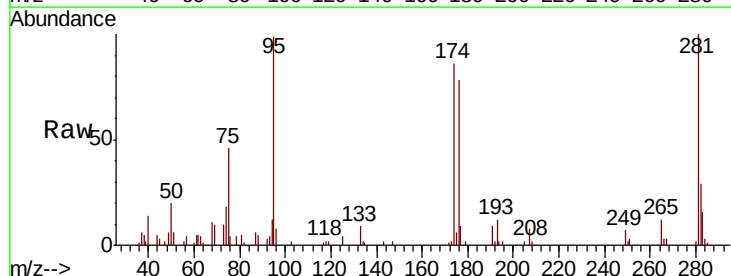
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

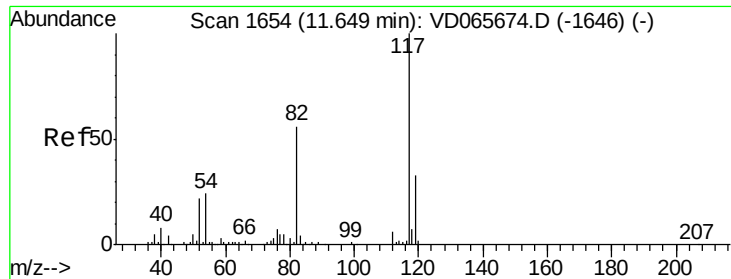
Tot Ion:107 Resp: 14082
 Ion Ratio Lower Upper
 107 100
 109 92.9 77.2 115.8



#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

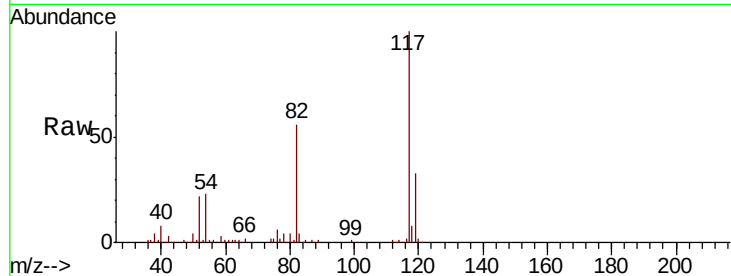




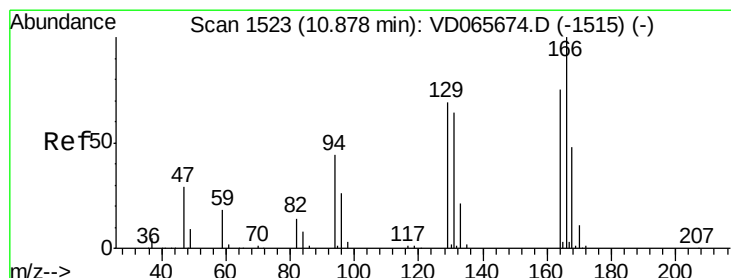
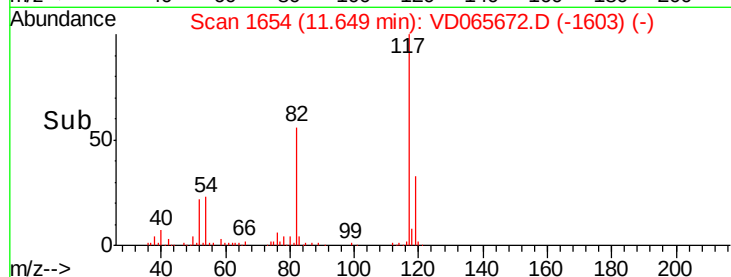
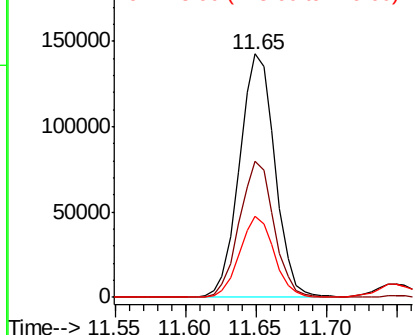
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion:117 Resp: 250430
Ion Ratio Lower Upper
117 100
82 56.1 44.6 67.0
119 33.3 26.2 39.2

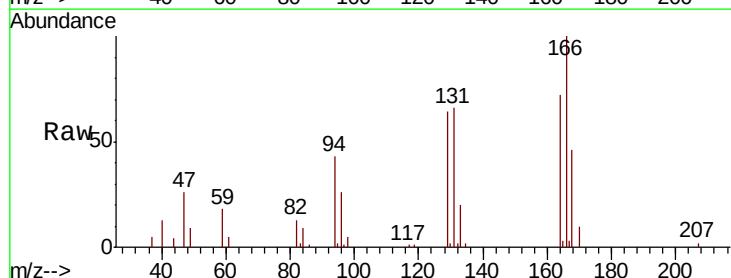


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

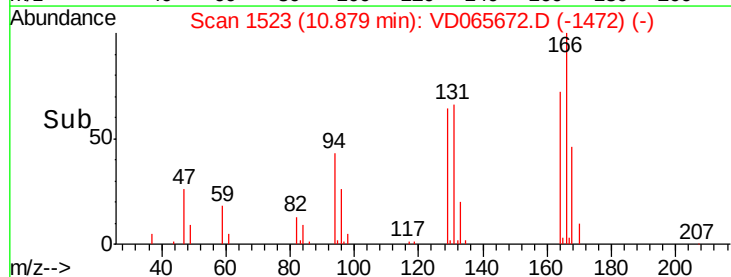
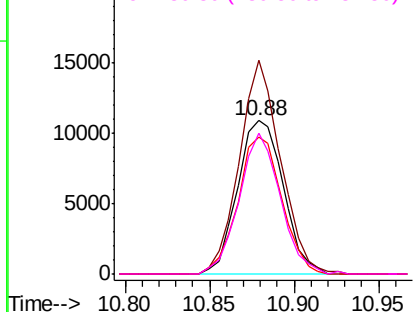


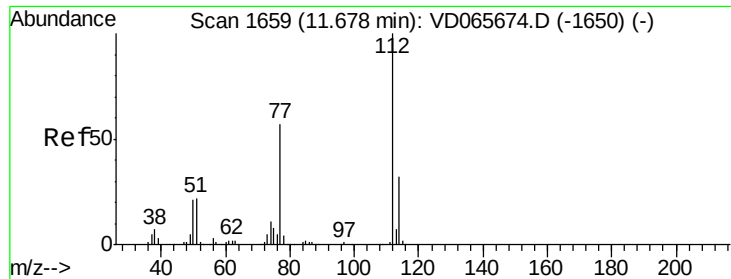
#64
Tetrachloroethene
Concen: 10.597 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Tgt Ion:164 Resp: 20404
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

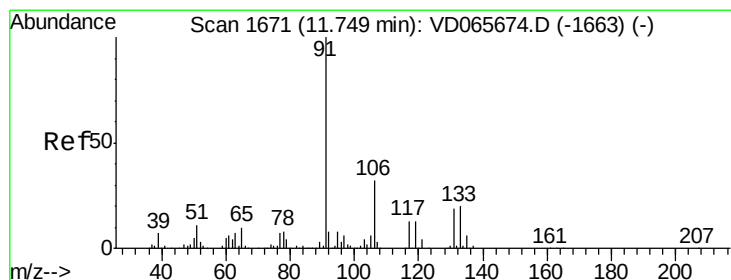
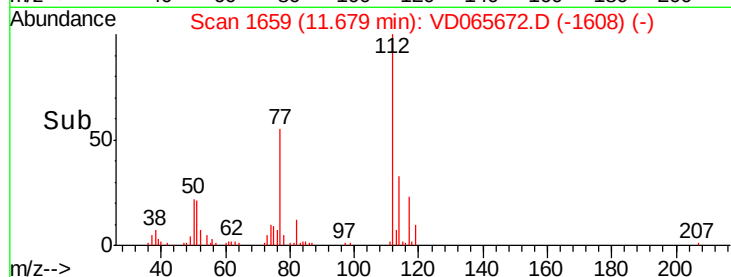
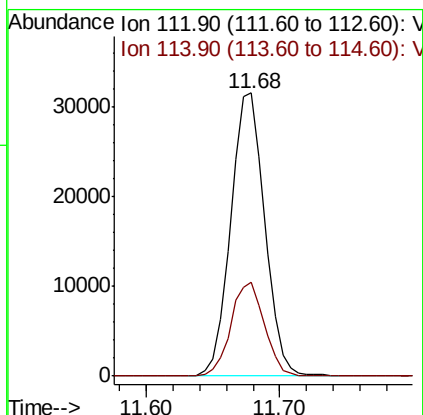
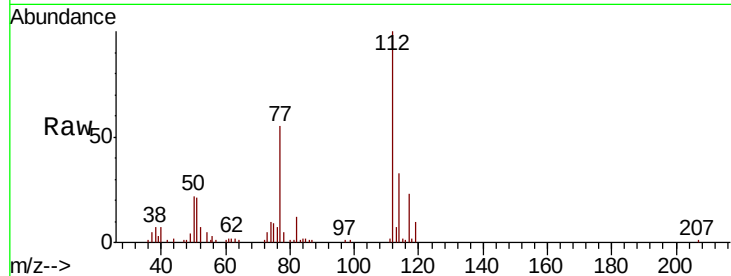




#65
Chlorobenzene
Concen: 10.503 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

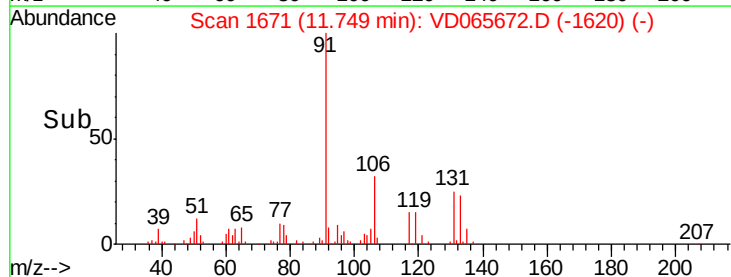
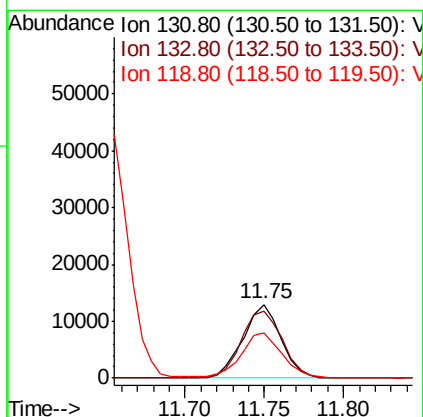
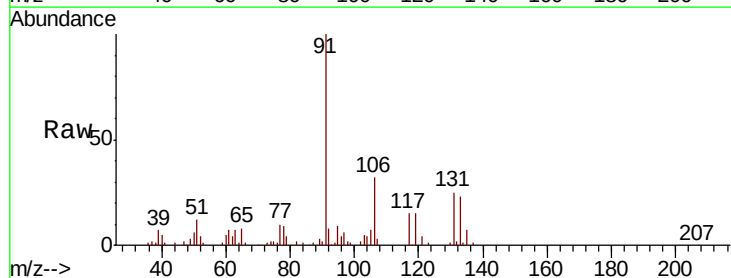
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

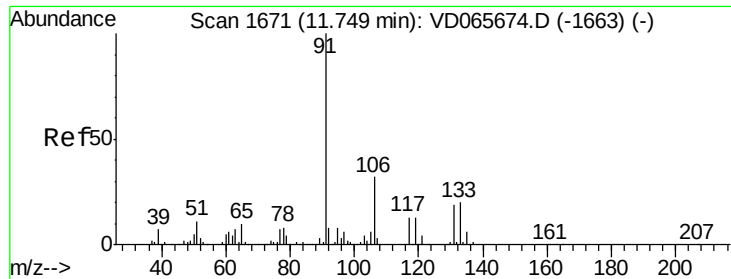
Tot Ion:112 Resp: 56006
Ion Ratio Lower Upper
112 100
114 33.4 25.4 38.2



#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

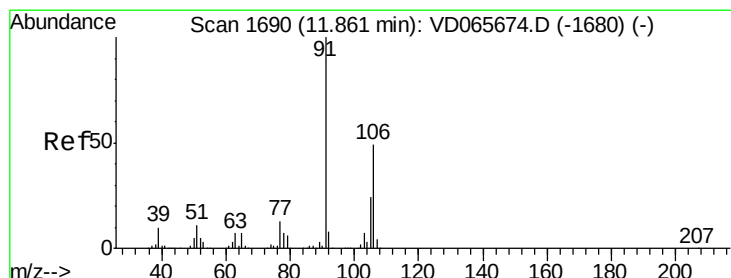
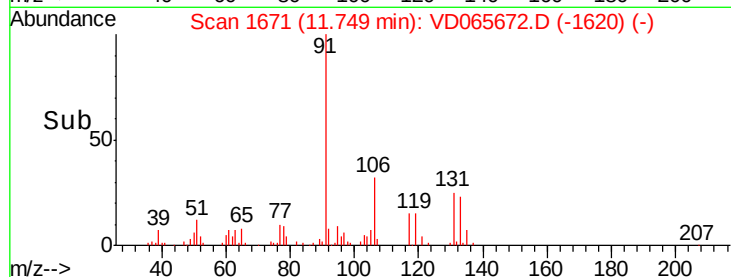
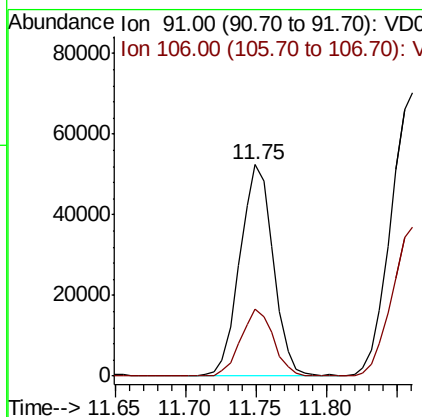
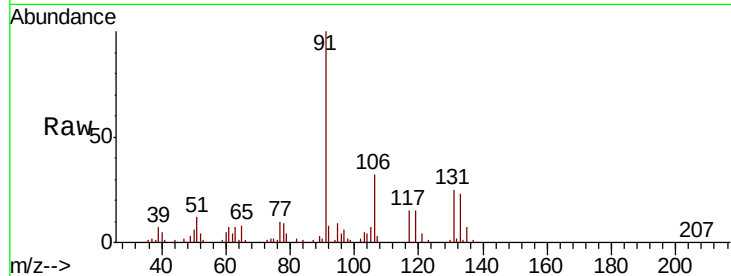




#67
Ethyl Benzene
Concen: 10.097 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

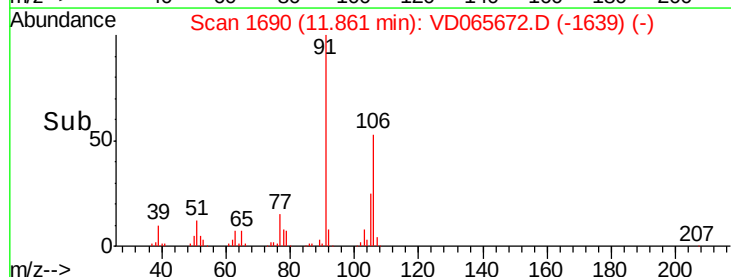
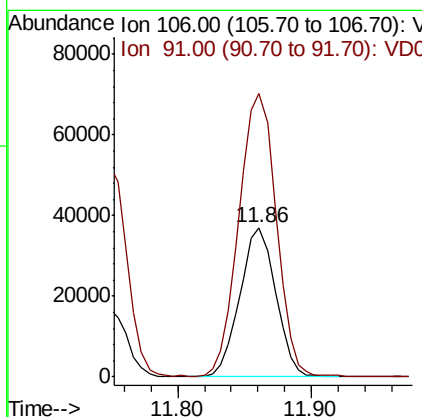
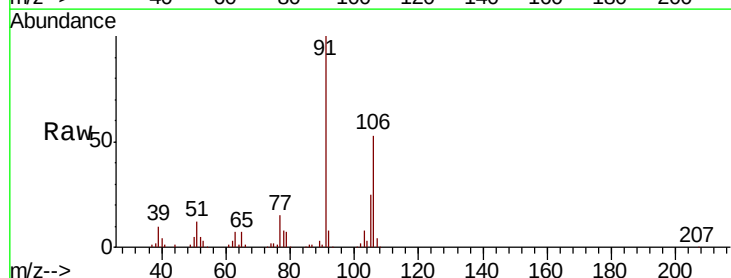
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

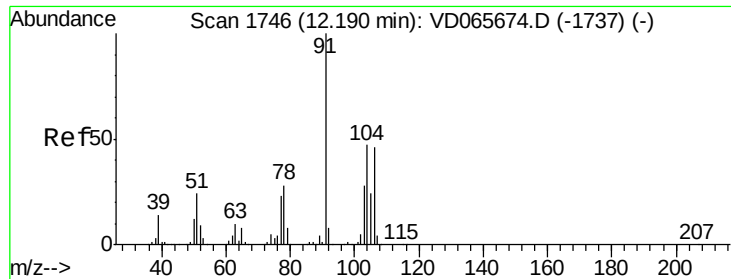
Tot Ion: 91 Resp: 86886
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



#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

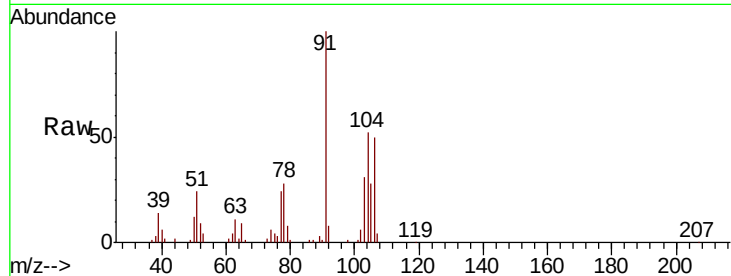




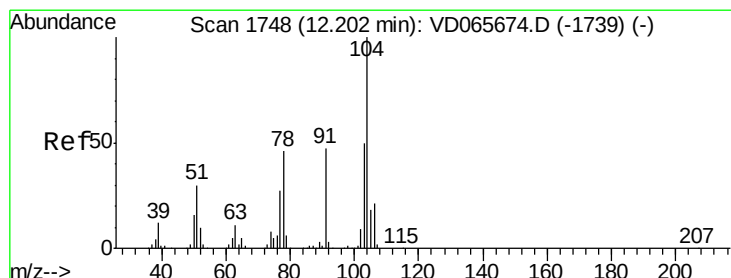
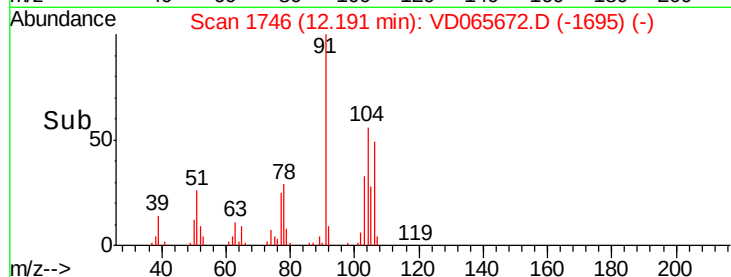
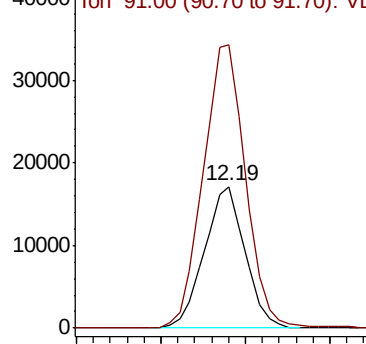
#69
o-Xylene
Concen: 10.144 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

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

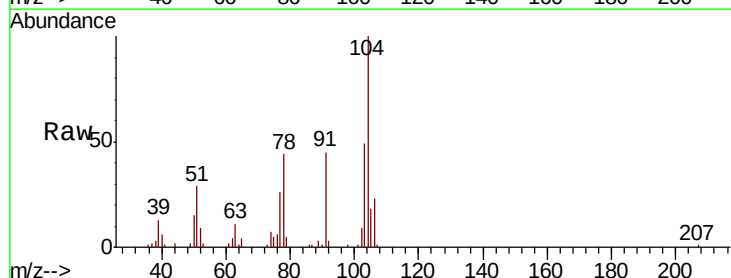


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

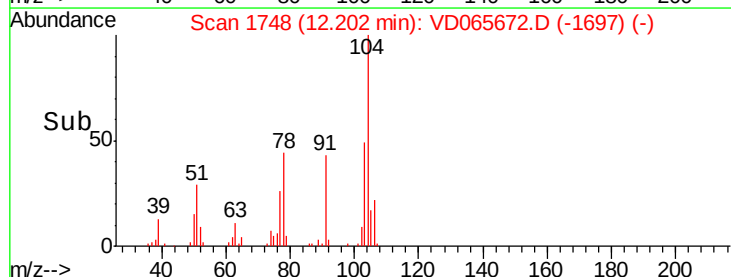
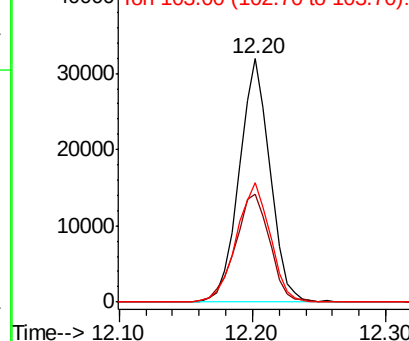


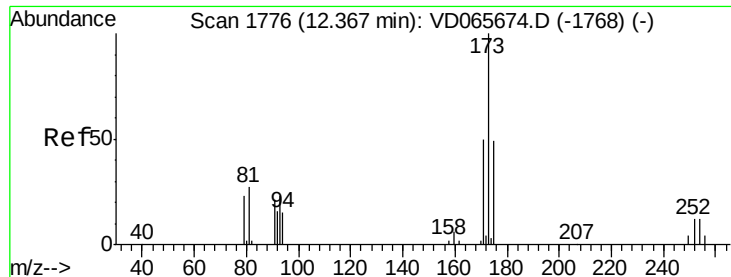
#70
Styrene
Concen: 9.977 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

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



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





#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

ClientSampleId :

VSTDIC010

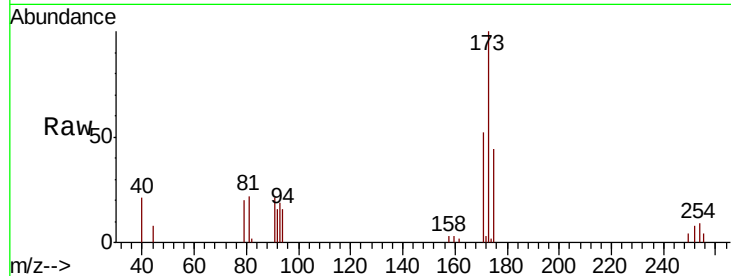
Tot Ion:173 Resp: 12585

Ion Ratio Lower Upper

173 100

175 48.5 24.3 73.0

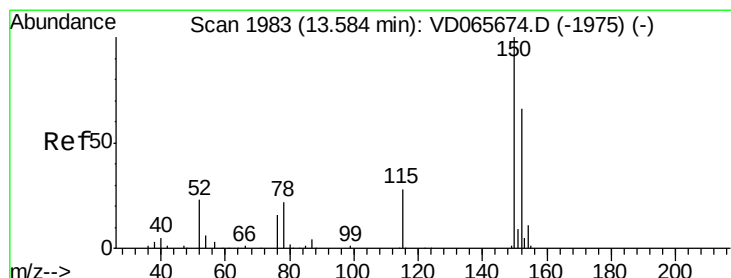
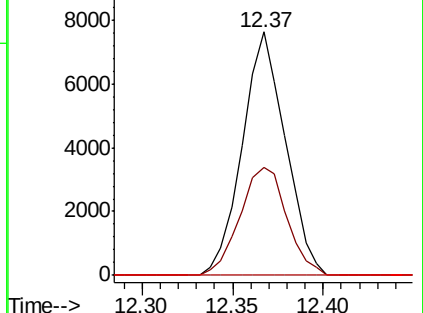
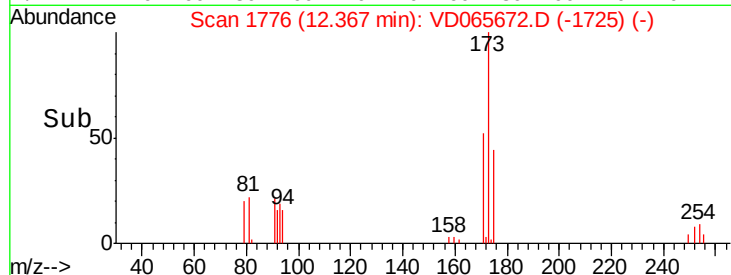
254 0.0 0.0 0.0



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

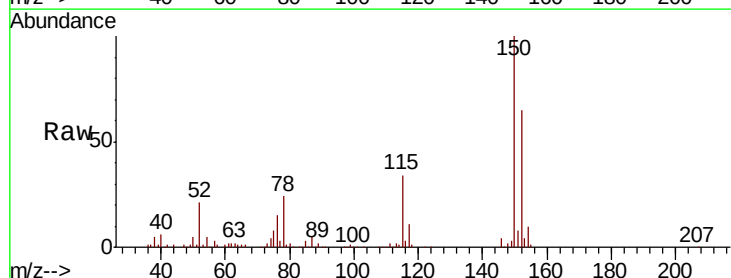
Tgt Ion:152 Resp: 134242

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.2

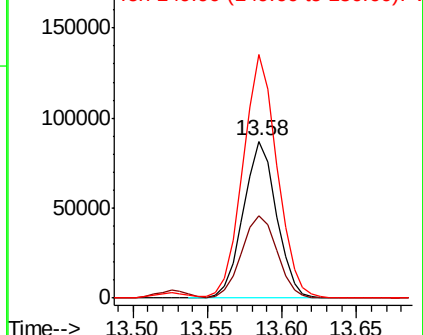
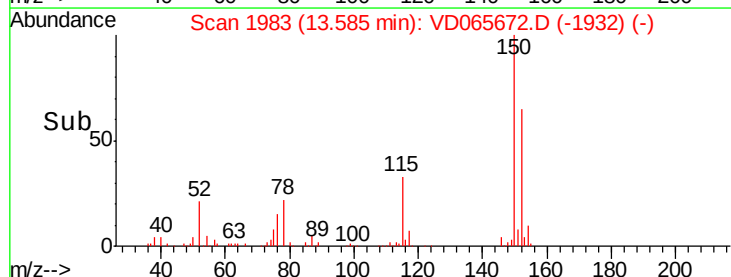
150 160.0 0.0 343.2

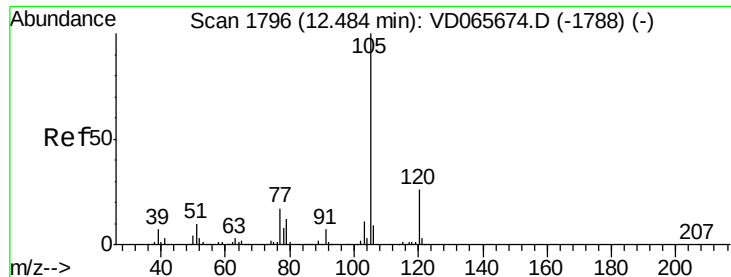


Abundance Ion 151.90 (151.60 to 152.60): V

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 :

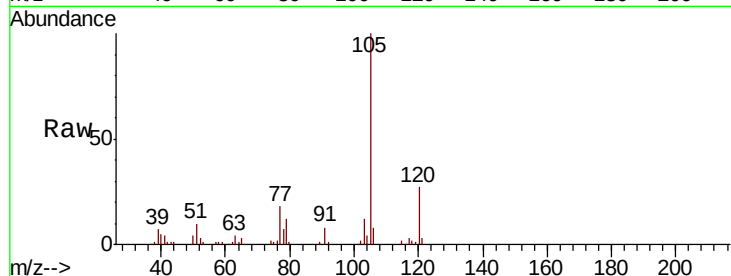
VSTDIC010

Tot Ion:105 Resp: 77457

Ion Ratio Lower Upper

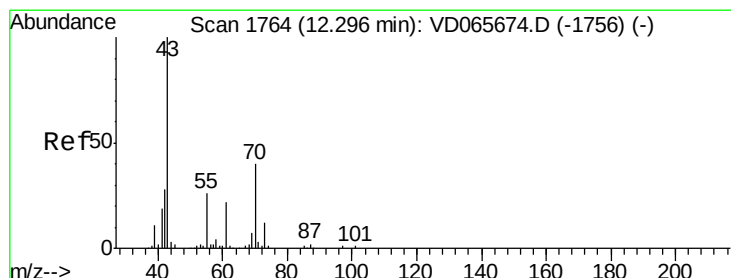
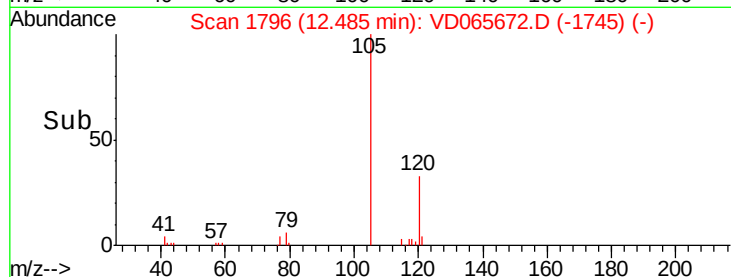
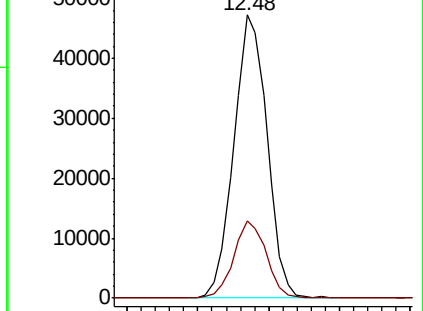
105 100

120 26.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#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

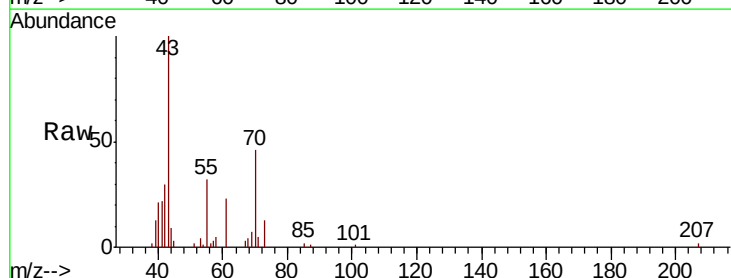
Ion Ratio Lower Upper

43 100

70 41.0 32.2 48.4

55 28.8 21.4 32.2

61 21.3 17.9 26.9

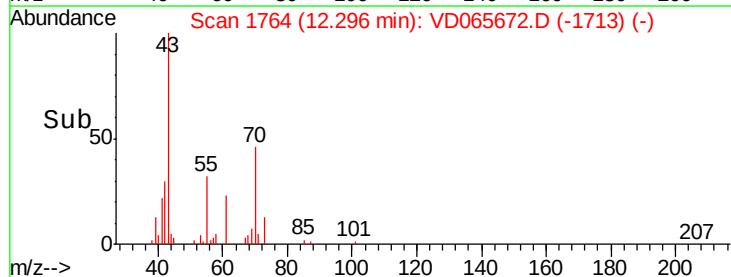
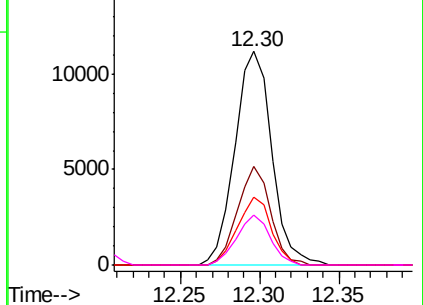


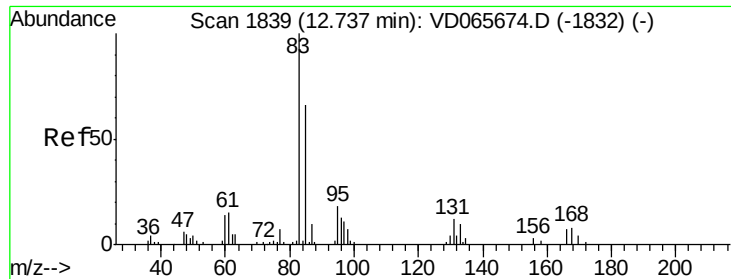
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#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 :

VSTDIC010

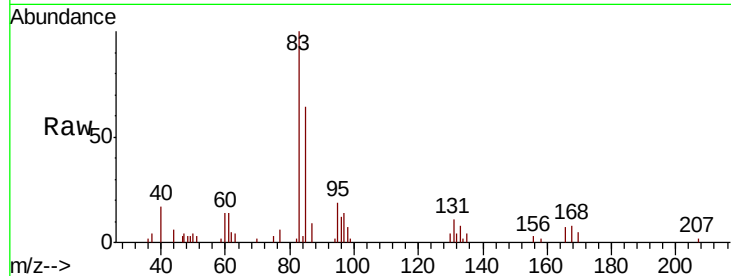
Tot Ion: 83 Resp: 16699

Ion Ratio Lower Upper

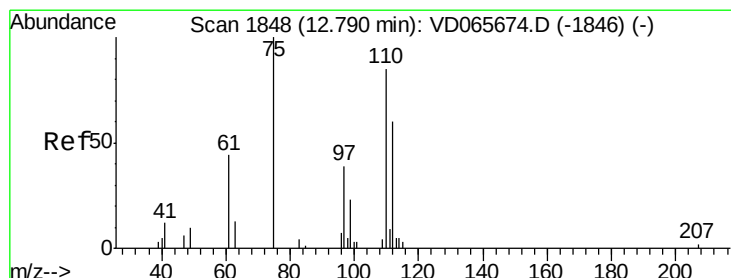
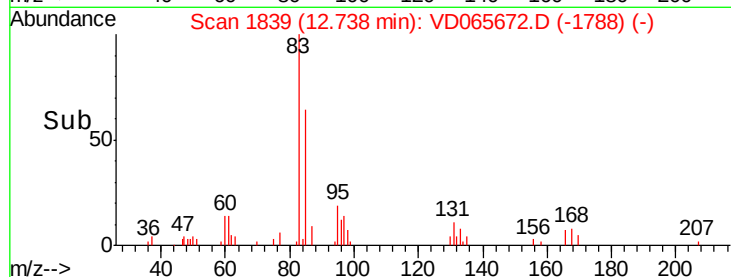
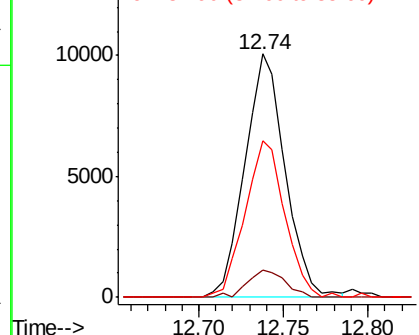
83 100

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: 8.021 ug/l m

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065672.D

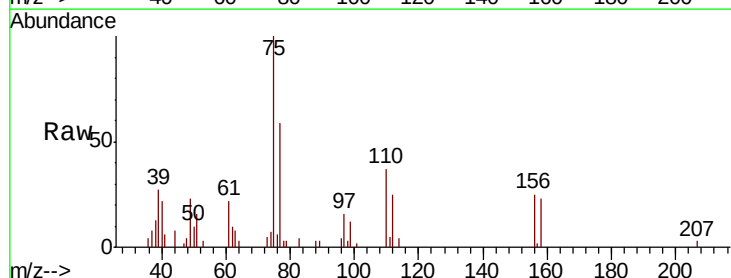
Acq: 24 Apr 2020 12:34

Tgt Ion: 75 Resp: 9529

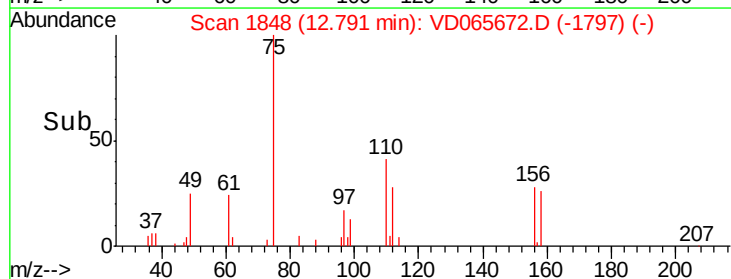
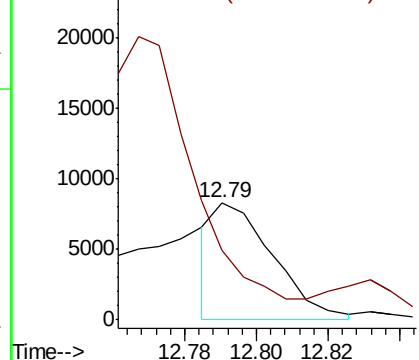
Ion Ratio Lower Upper

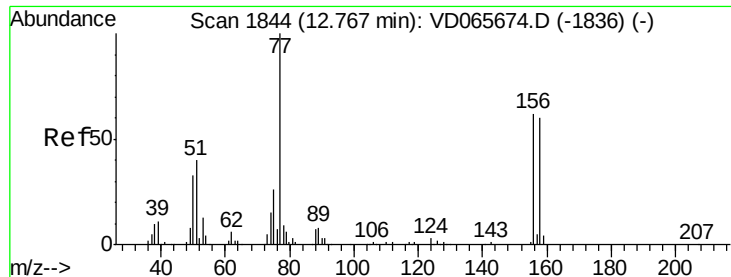
75 100

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 :

VSTDIC010

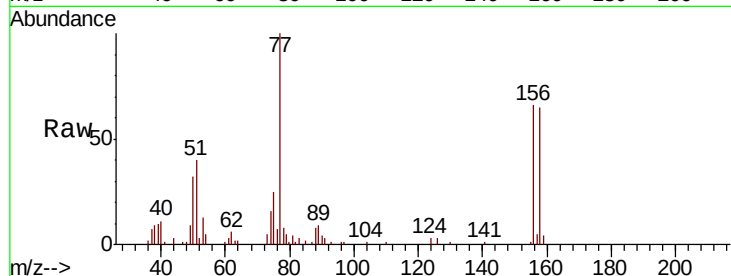
Tot Ion:156 Resp: 22186

Ion Ratio Lower Upper

156 100

77 174.2 87.3 261.9

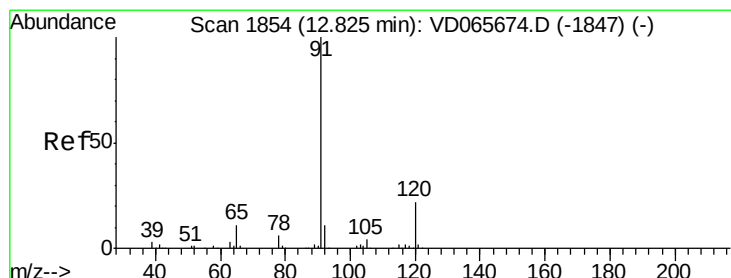
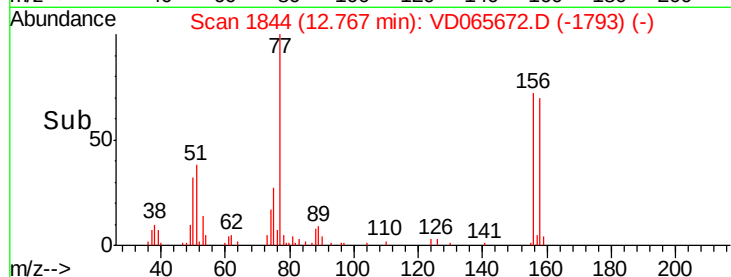
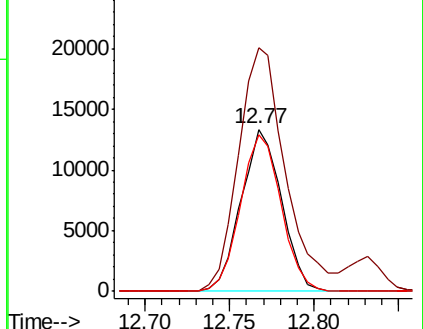
158 97.5 47.8 143.4



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

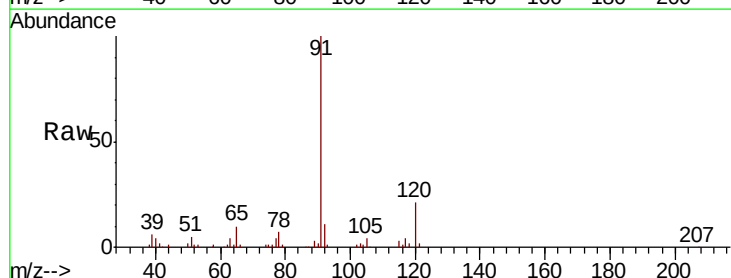
Acq: 24 Apr 2020 12:34

Tgt Ion: 91 Resp: 99116

Ion Ratio Lower Upper

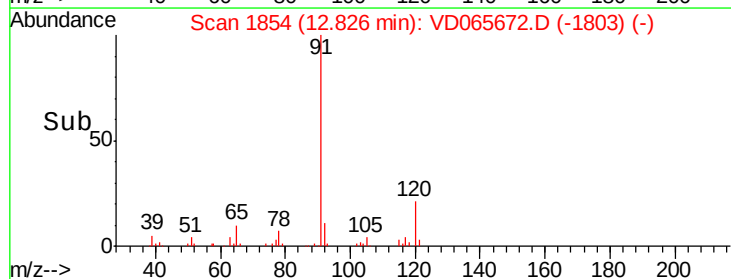
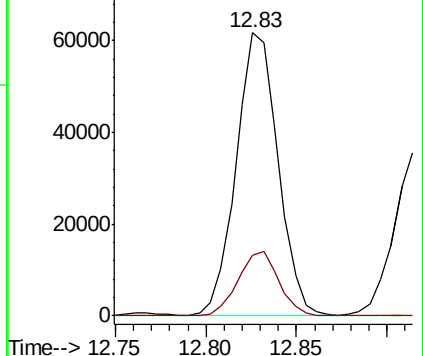
91 100

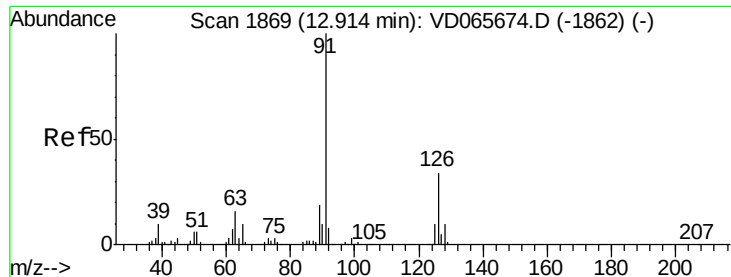
120 22.1 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

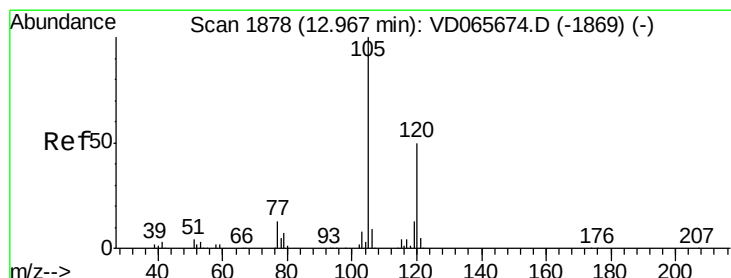
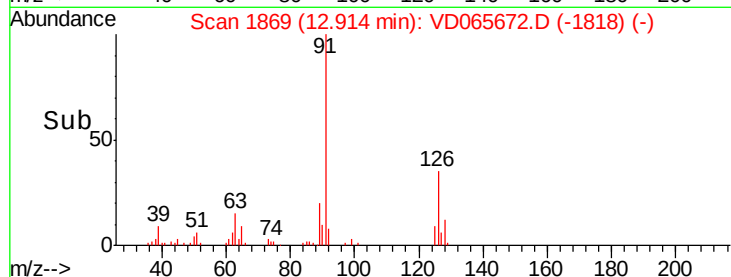
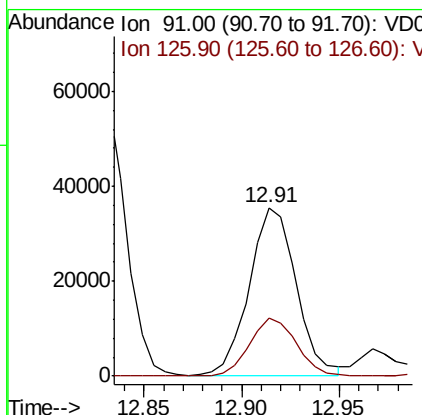
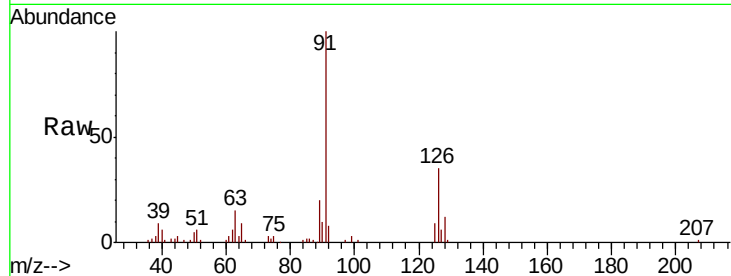




#79
 2-Chlorotoluene
 Concen: 10.454 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

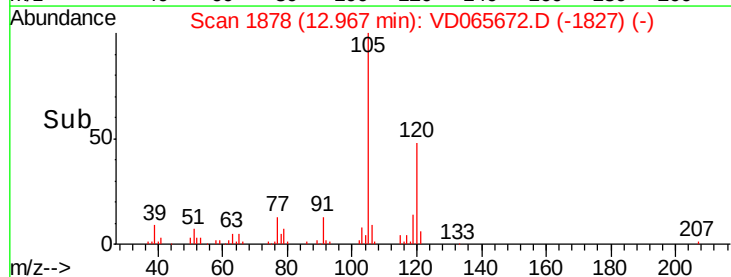
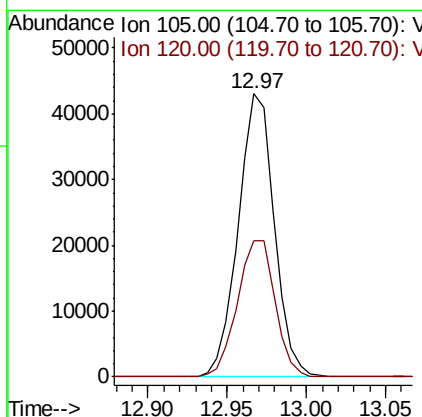
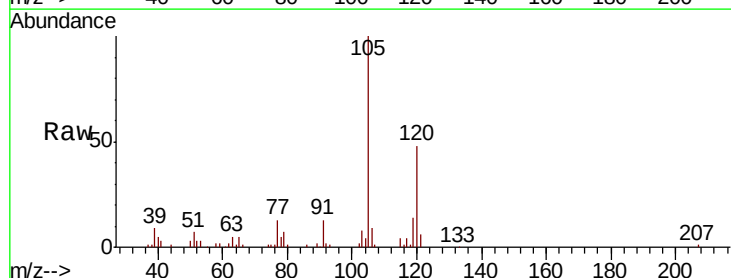
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

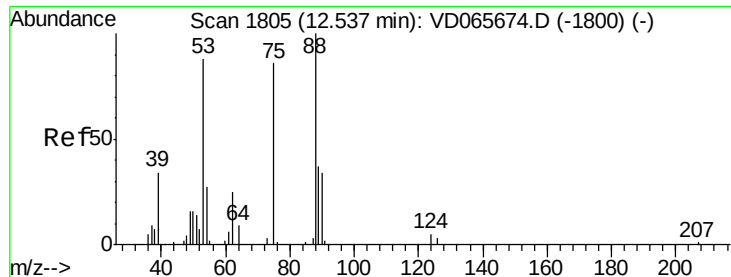
Tot Ion: 91 Resp: 59609
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.2 51.5



#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





#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 :

VSTDIC010

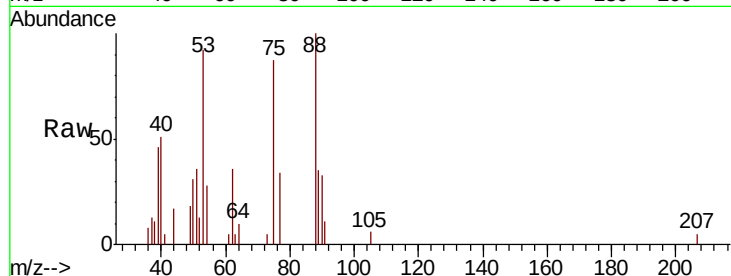
Tot Ion: 75 Resp: 4871

Ion Ratio Lower Upper

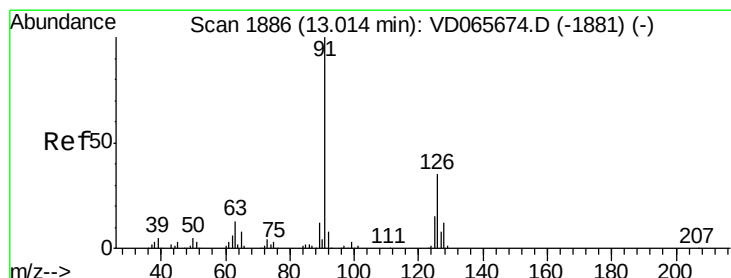
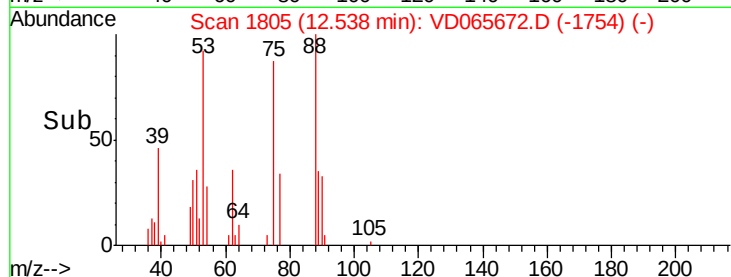
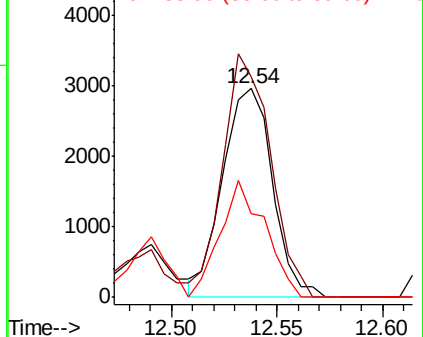
75 100

53 112.3 86.6 129.8

89 50.1 38.2 57.4



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 10.552 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065672.D

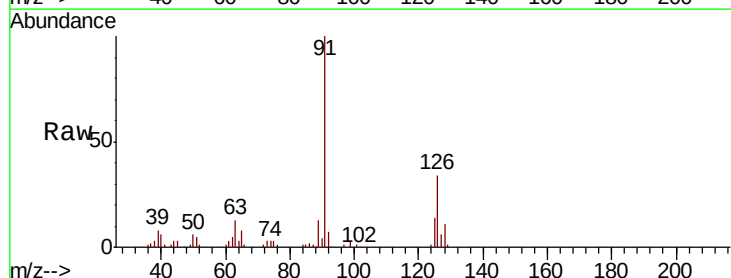
Acq: 24 Apr 2020 12:34

Tgt Ion: 91 Resp: 65412

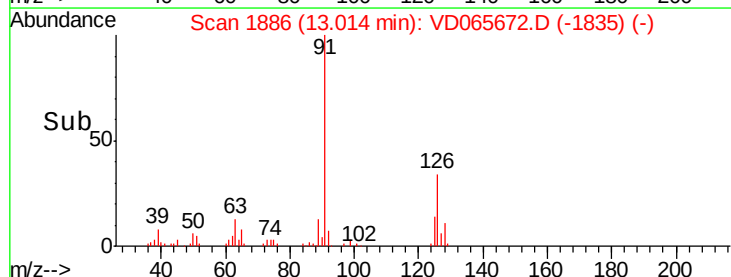
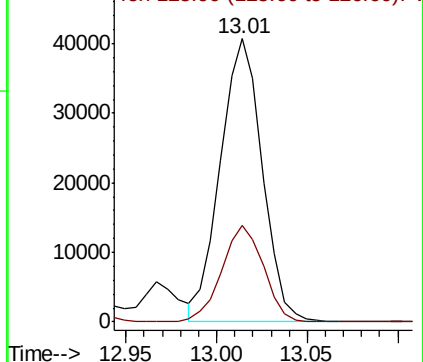
Ion Ratio Lower Upper

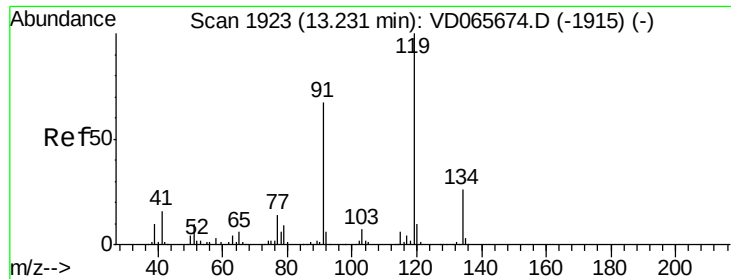
91 100

126 33.7 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V

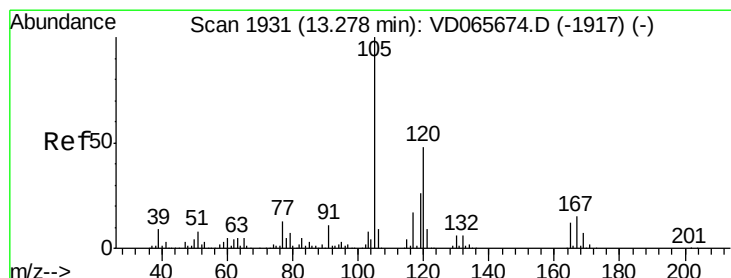
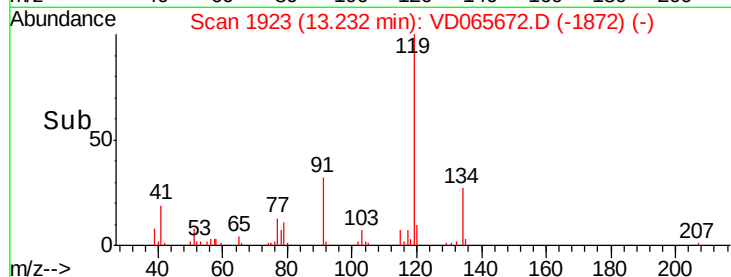
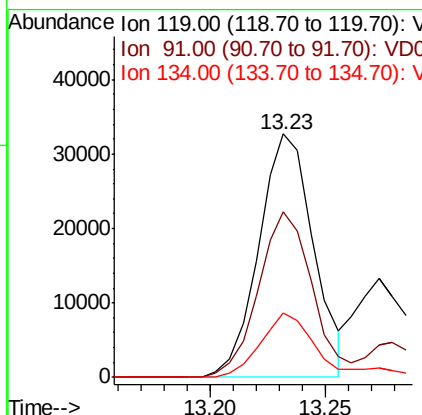
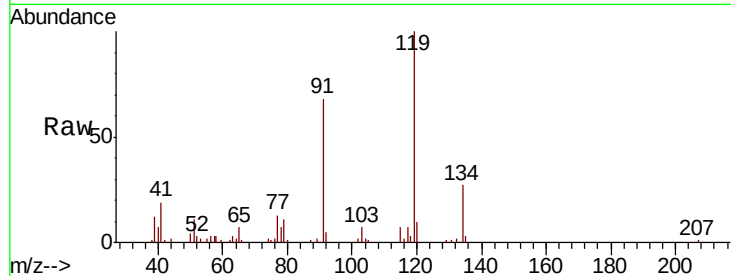




#83
 tert-Butylbenzene
 Concen: 9.938 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

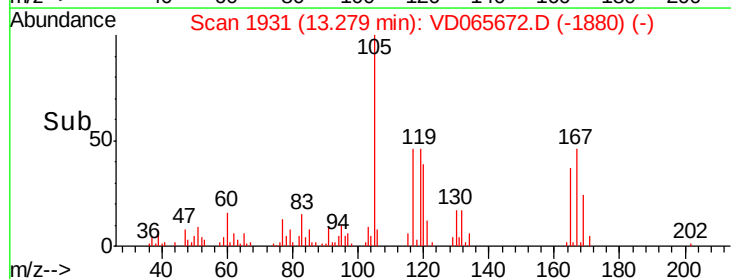
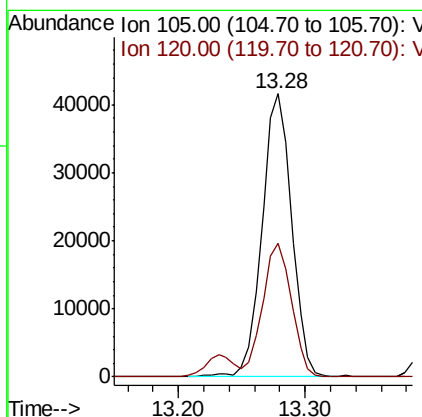
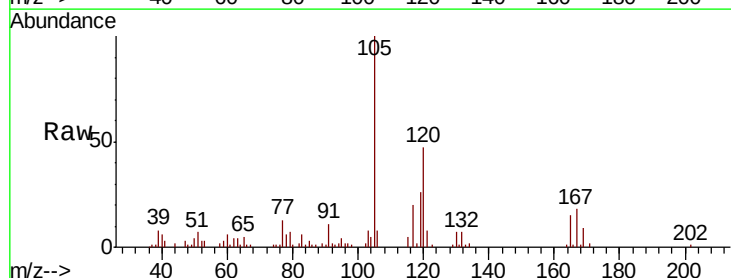
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

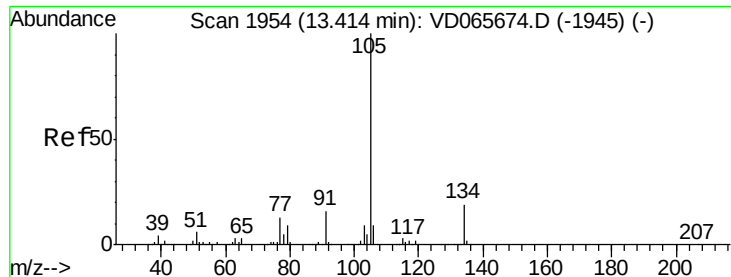
Tot Ion:119 Resp: 53738
 Ion Ratio Lower Upper
 119 100
 91 67.0 33.3 99.9
 134 28.1 14.2 42.6



#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

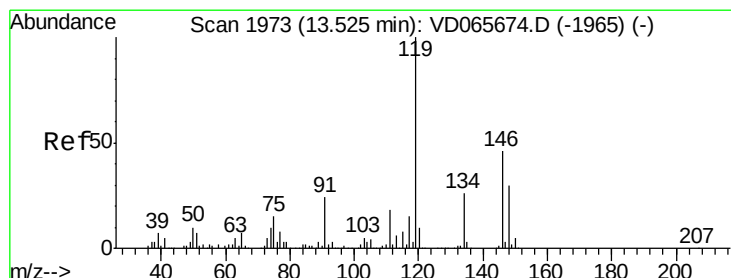
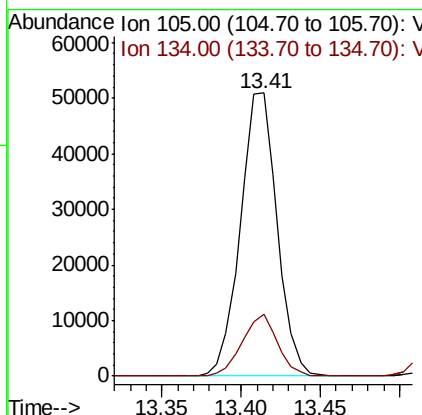
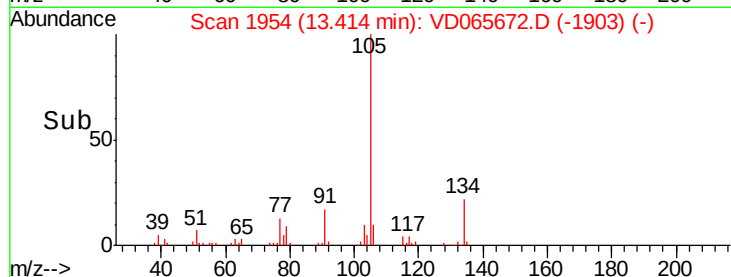
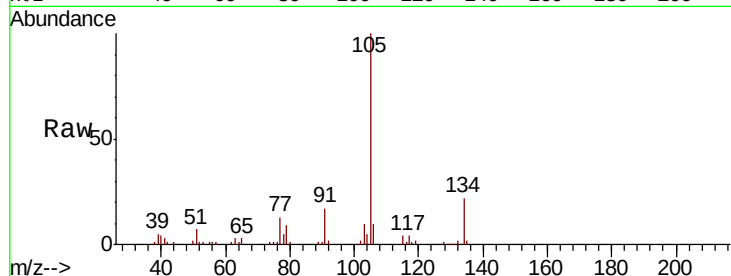




#85
 sec-Butylbenzene
 Concen: 10.284 ug/l
 RT: 13.41 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

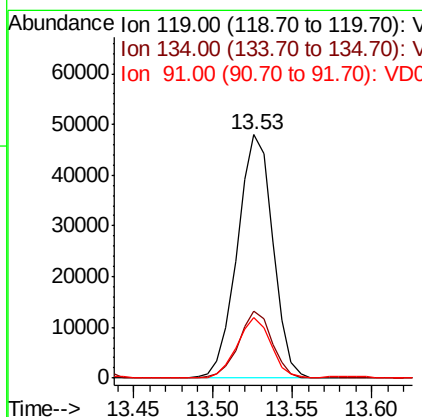
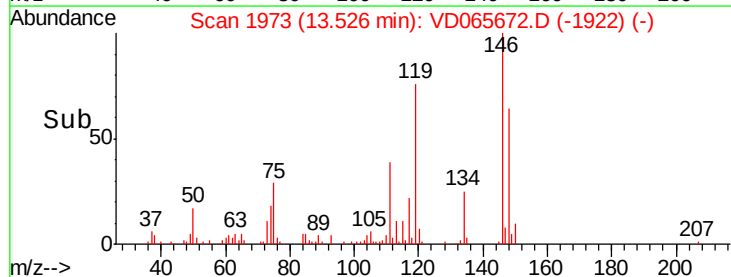
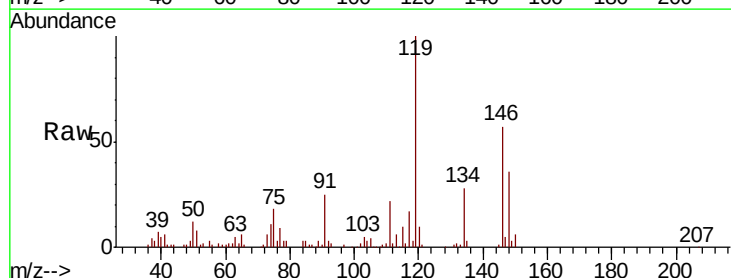
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

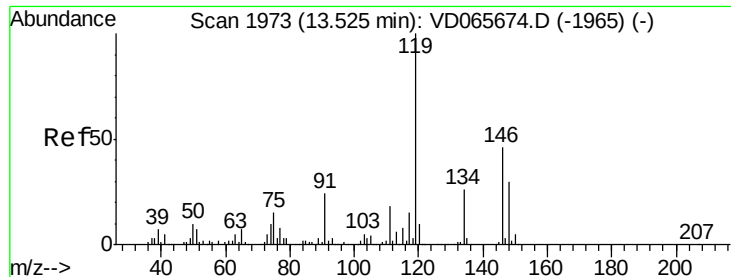
Tot Ion:105 Resp: 81766
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.3 30.8



#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

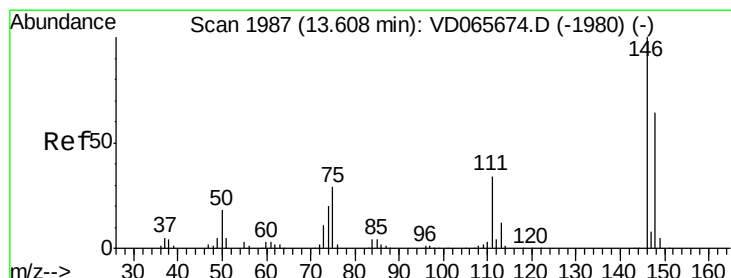
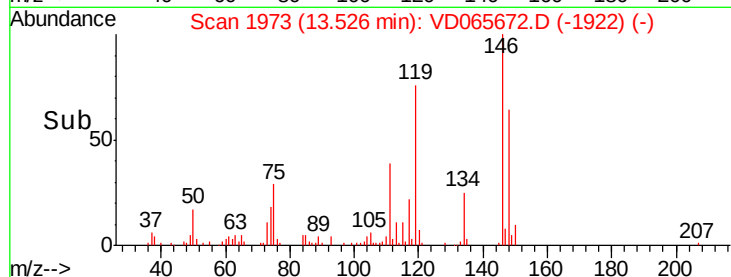
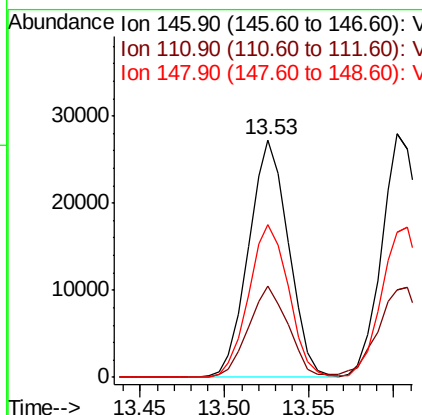
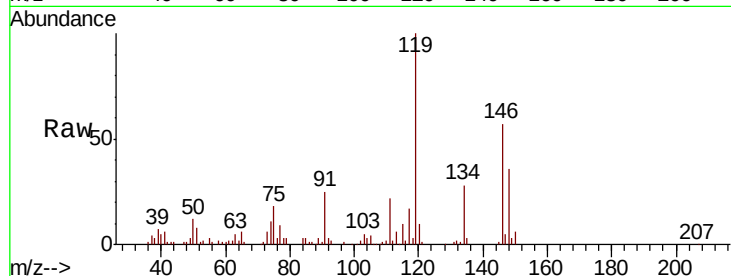




#87
 1,3-Dichlorobenzene
 Concen: 10.428 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

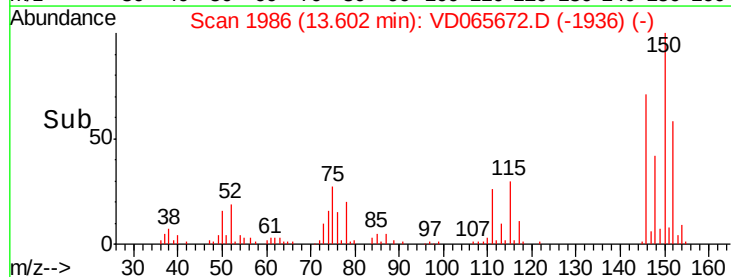
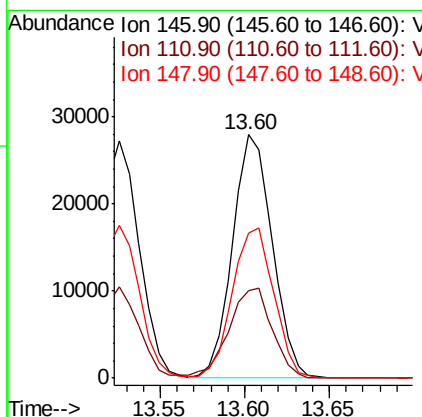
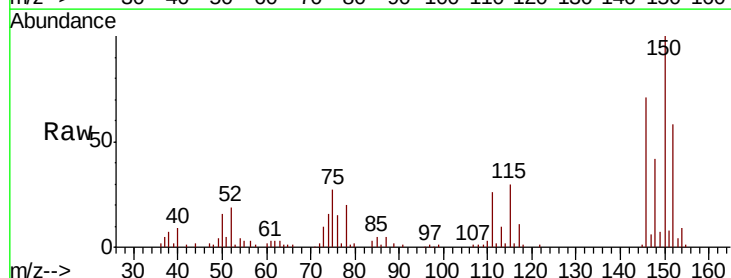
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

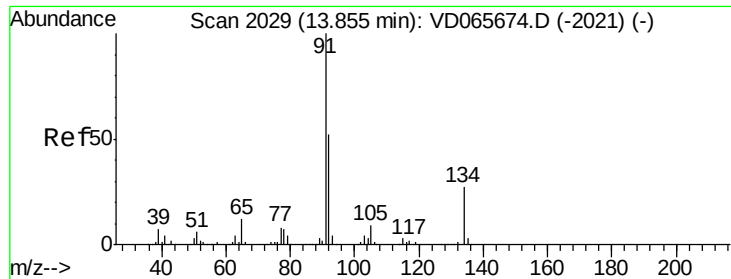
Tot Ion:146 Resp: 44723
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.3 57.9
 148 64.4 32.6 97.8



#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

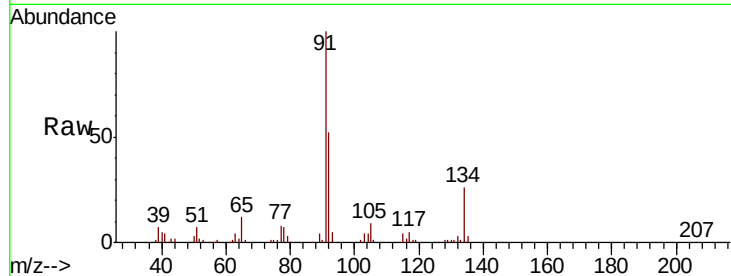




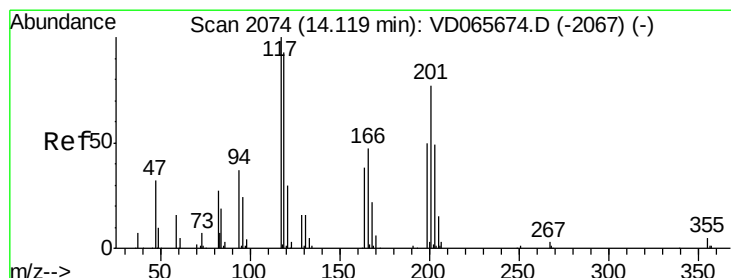
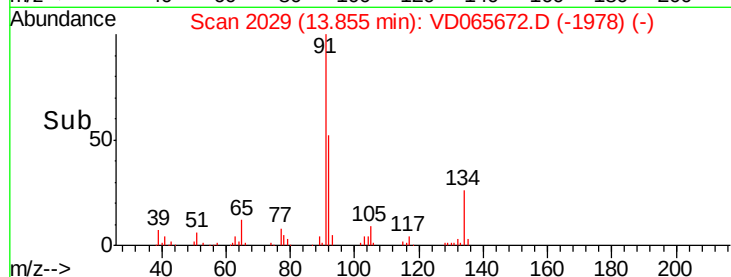
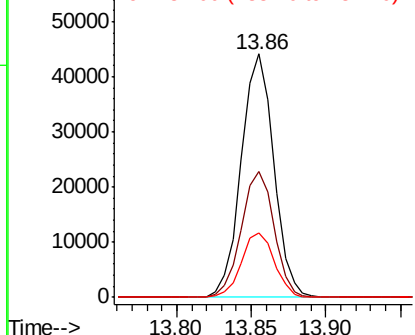
#89
n-Butylbenzene
Concen: 9.689 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

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

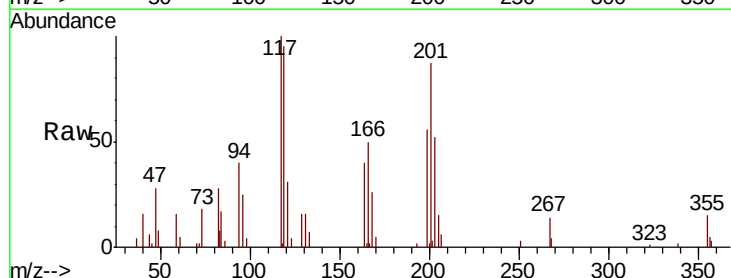


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.00 (133.70 to 134.70): V

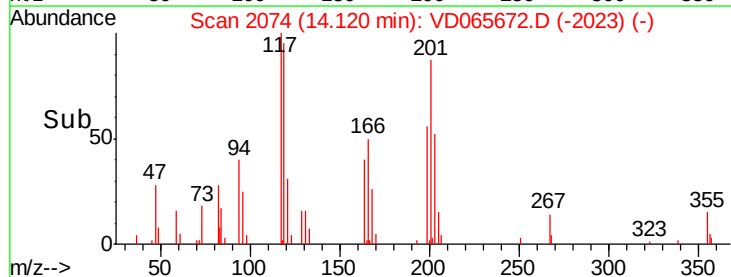
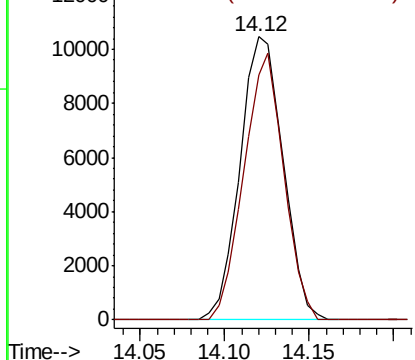


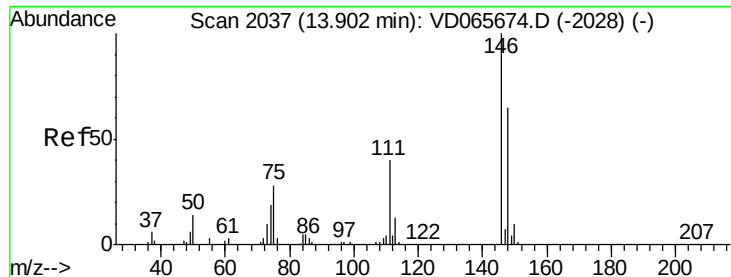
#90
Hexachloroethane
Concen: 10.560 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

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



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

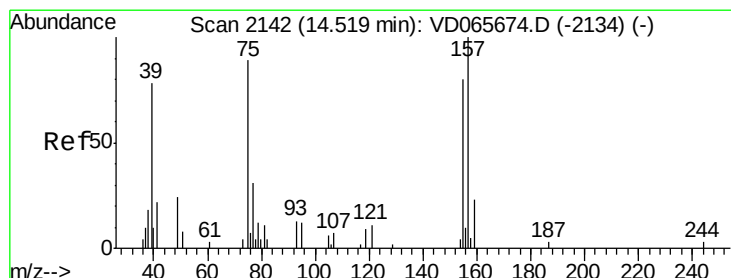
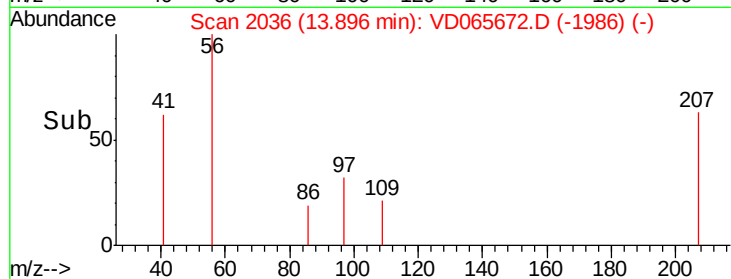
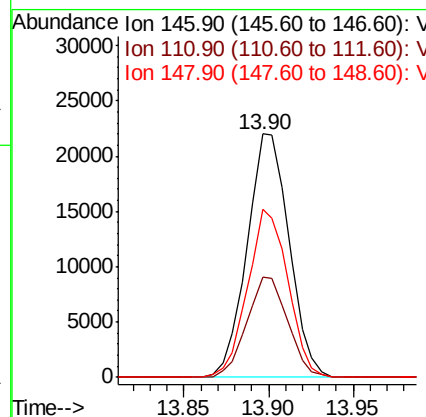
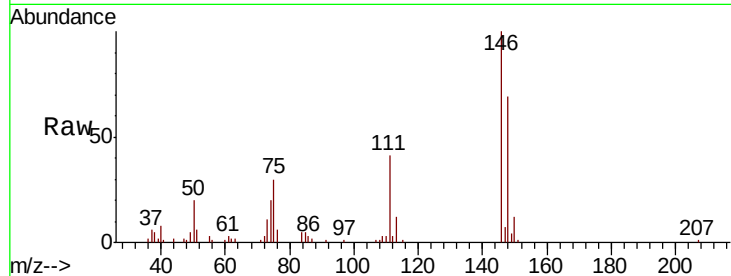




#91
 1,2-Dichlorobenzene
 Concen: 10.266 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

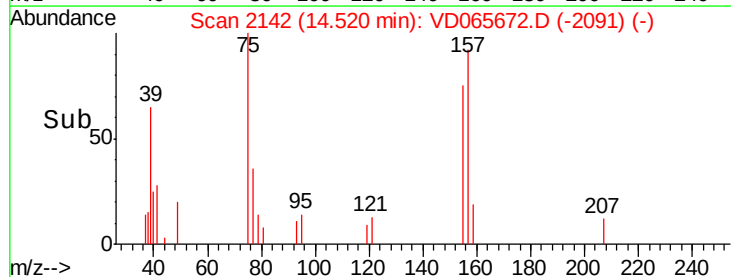
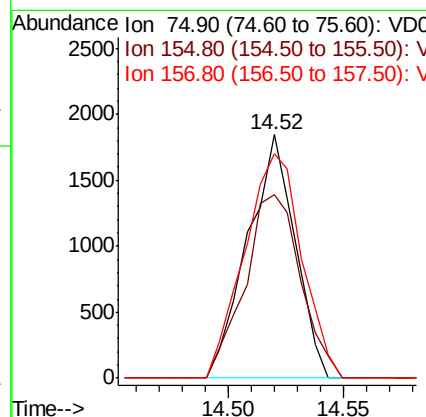
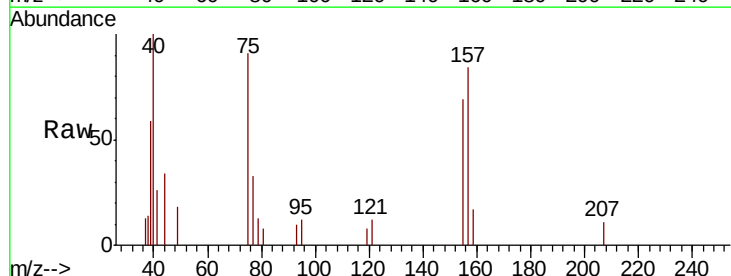
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

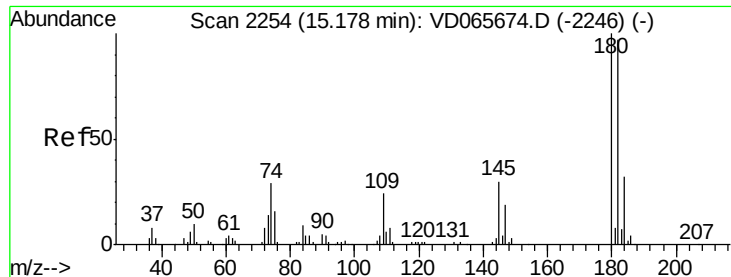
Tot Ion:146 Resp: 38161
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.8 59.3
 148 66.1 31.5 94.5



#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

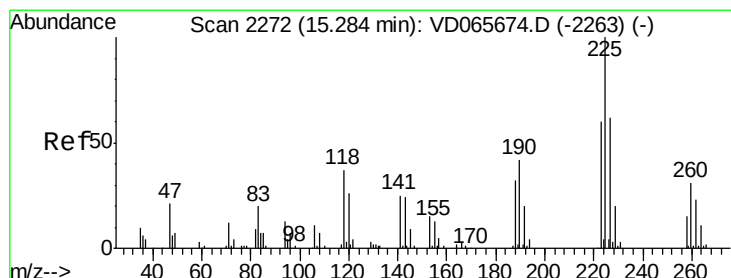
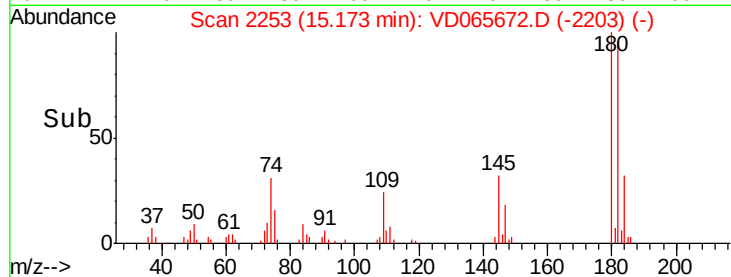
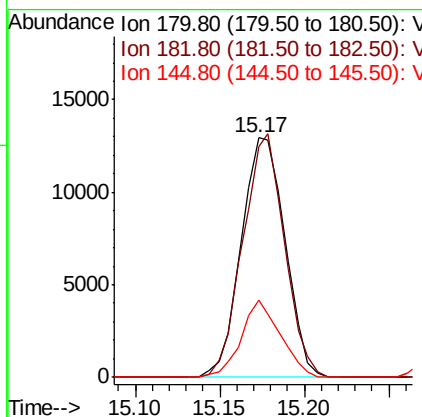
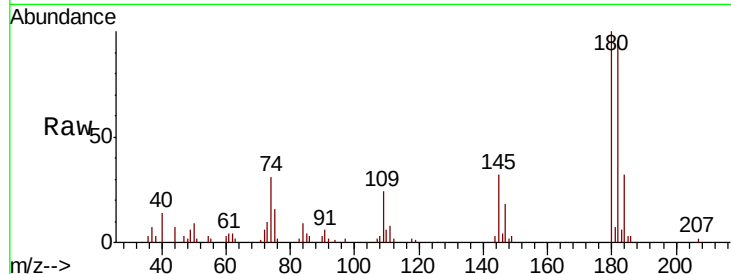




#93
 1,2,4-Trichlorobenzene
 Concen: 10.006 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065672.D
 Acq: 24 Apr 2020 12:34

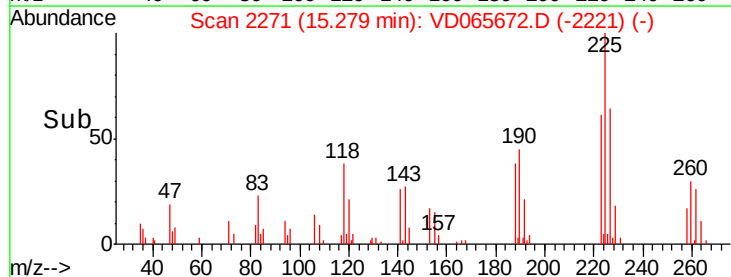
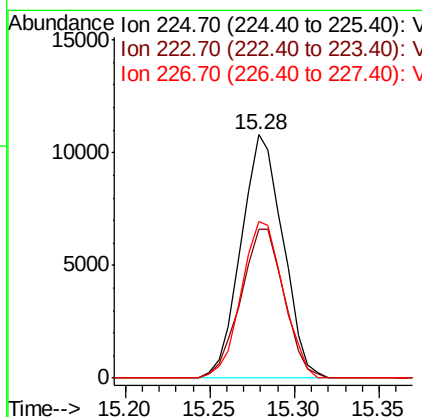
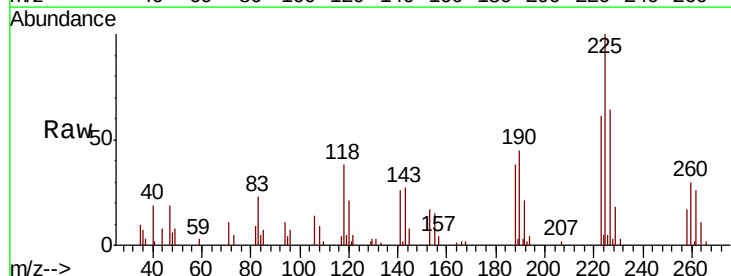
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

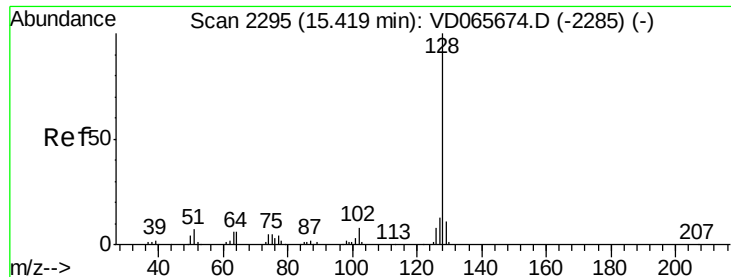
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.1	141.3
145	28.9	14.3	42.9



#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

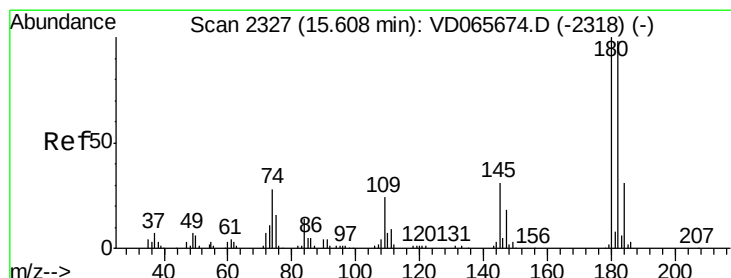
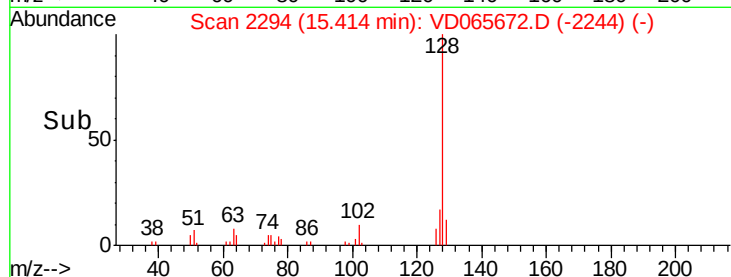
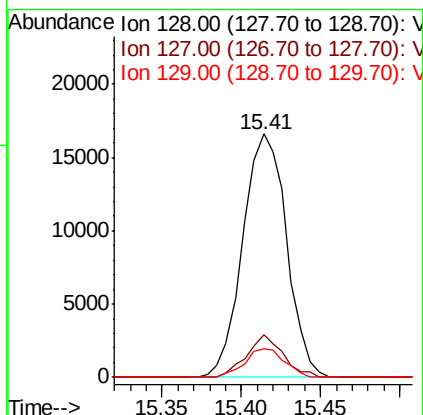
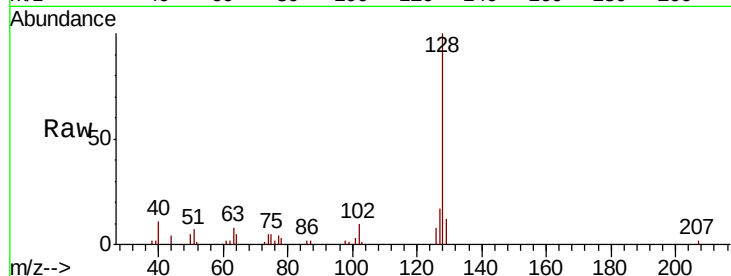




#95
Naphthalene
Concen: 9.905 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.01 min
Lab File: VD065672.D
Acq: 24 Apr 2020 12:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

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

