

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111618\
 Data File : VD060399.D
 Acq On : 16 Nov 2018 15:42
 Operator : JC/SY
 Sample : J5918-04MSD
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

Quant Time: Nov 16 17:05:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1261618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	1856201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1393598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	679429	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.80	65	418140	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
35) Dibromofluoromethane	6.33	113	639002	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
50) Toluene-d8	9.47	98	1872416	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
62) 4-Bromofluorobenzene	12.43	95	657462	44.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	509359	51.620	ug/l	97
3) Chloromethane	1.76	50	566015	47.363	ug/l	99
4) Vinyl Chloride	1.86	62	509354	52.190	ug/l	99
5) Bromomethane	2.16	94	182832	78.961	ug/l	96
6) Chloroethane	2.27	64	207906	64.203	ug/l	96
7) Trichlorofluoromethane	2.52	101	655617	56.979	ug/l	96
8) Diethyl Ether	2.83	74	121577	58.360	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.11	101	405854	53.628	ug/l	96
10) Methyl Iodide	3.25	142	516446	52.541	ug/l	99
11) Tert butyl alcohol	3.97	59	110522	297.948	ug/l #	91
12) 1,1-Dichloroethene	3.09	96	335103	54.436	ug/l	93
13) Acrolein	3.00	56	54544	124.442	ug/l	91
14) Allyl chloride	3.55	41	698775	59.326	ug/l	100
15) Acrylonitrile	4.10	53	574221	265.457	ug/l	99
16) Acetone	3.16	43	392463	250.465	ug/l	96
17) Carbon Disulfide	3.32	76	998885	50.271	ug/l	99
18) Methyl Acetate	3.57	43	203317	60.854	ug/l	98
19) Methyl tert-butyl Ether	4.13	73	1018084	55.232	ug/l	98
20) Methylene Chloride	3.73	84	898804	64.662	ug/l	99
21) trans-1,2-Dichloroethene	4.11	96	763191	55.837	ug/l	100
22) Diisopropyl ether	4.87	45	2445353	55.569	ug/l	98
23) Vinyl Acetate	4.82	43	5565686	254.183	ug/l	99
24) 1,1-Dichloroethane	4.77	63	1273884	56.452	ug/l	100
25) 2-Butanone	5.63	43	783016	240.412	ug/l	99
26) 2,2-Dichloropropane	5.60	77	926652	52.819	ug/l	98
27) cis-1,2-Dichloroethene	5.61	96	784635	55.103	ug/l	95
28) Bromochloromethane	5.94	49	528551	53.085	ug/l	87
29) Tetrahydrofuran	5.96	42	408872	238.108	ug/l	96
30) Chloroform	6.12	83	1196941	53.058	ug/l	100
31) Cyclohexane	6.38	56	1093517	50.701	ug/l	98
32) 1,1,1-Trichloroethane	6.30	97	1052349	55.379	ug/l	99
36) 1,1-Dichloropropene	6.54	75	908756	49.555	ug/l	95
37) Ethyl Acetate	5.70	43	405330	48.033	ug/l	97
38) Carbon Tetrachloride	6.51	117	863625	50.768	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.06	83	993214	47.089	ug/l	99
40) Benzene	6.81	78	2442726	52.183	ug/l	99
41) Methacrylonitrile	5.96	41	456831	47.299	ug/l #	92
42) 1,2-Dichloroethane	6.90	62	616994	50.357	ug/l	99
43) Isopropyl Acetate	8.36	43	520033	49.060	ug/l #	98
44) Trichloroethene	7.75	130	789925	55.667	ug/l	98
45) 1,2-Dichloropropane	8.11	63	634324	53.730	ug/l	97
46) Dibromomethane	8.23	93	337044	48.745	ug/l	93
47) Bromodichloromethane	8.50	83	807581	49.564	ug/l	99
48) Methyl methacrylate	8.25	41	313437	48.681	ug/l	94
49) 1,4-Dioxane	8.23	88	58618	1052.215	ug/l #	83
51) 4-Methyl-2-Pentanone	9.35	43	1648388	238.928	ug/l	96
52) Toluene	9.56	92	1564751	52.329	ug/l	100
53) t-1,3-Dichloropropene	9.94	75	695866	50.546	ug/l	100
54) cis-1,3-Dichloropropene	9.12	75	896482	50.771	ug/l	96
55) 1,1,2-Trichloroethane	10.19	97	432645	49.920	ug/l	94
56) Ethyl methacrylate	10.04	69	425579	53.407	ug/l	97
57) 1,3-Dichloropropane	10.40	76	649998	49.219	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.93	63	1197989	248.637	ug/l	99
59) 2-Hexanone	10.50	43	1174399	238.832	ug/l	97
60) Dibromochloromethane	10.65	129	547378	51.957	ug/l	98
61) 1,2-Dibromoethane	10.77	107	451404	51.984	ug/l	98
64) Tetrachloroethene	10.26	164	667651	53.665	ug/l	96
65) Chlorobenzene	11.32	112	1714371	56.776	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.43	131	555288	56.205	ug/l	97
67) Ethyl Benzene	11.44	91	2767764	53.583	ug/l	96
68) m/p-Xylenes	11.58	106	2152766	112.982	ug/l	96
69) o-Xylene	11.94	106	1018372	55.322	ug/l	92
70) Styrene	11.96	104	1685325	56.651	ug/l	98
71) Bromoform	12.13	173	338949	51.056	ug/l	98
73) Isopropylbenzene	12.29	105	2854426	57.664	ug/l	98
74) N-amyl acetate	12.14	43	689614	54.338	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.57	83	418547	51.700	ug/l	97
76) 1,2,3-Trichloropropane	12.60	75	430604	52.981	ug/l	100
77) Bromobenzene	12.55	156	711898	54.141	ug/l	93
78) n-propylbenzene	12.65	91	3352706	54.262	ug/l	95
79) 2-Chlorotoluene	12.71	91	1920816	56.761	ug/l	97
80) 1,3,5-Trimethylbenzene	12.80	105	2205311	57.325	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.35	75	121523	52.519	ug/l	88
82) 4-Chlorotoluene	12.82	91	2147647	56.497	ug/l	92
83) tert-Butylbenzene	13.05	119	2506959	58.697	ug/l	99
84) 1,2,4-Trimethylbenzene	13.10	105	2215250	57.659	ug/l	95
85) sec-Butylbenzene	13.23	105	2846338	54.319	ug/l	97
86) p-Isopropyltoluene	13.35	119	2379714	56.394	ug/l	97
87) 1,3-Dichlorobenzene	13.32	146	1307693	55.899	ug/l	98
88) 1,4-Dichlorobenzene	13.40	146	1272857	55.712	ug/l	95
89) n-Butylbenzene	13.66	91	2183664	53.933	ug/l	99
90) Hexachloroethane	13.86	117	556040	55.570	ug/l	85
91) 1,2-Dichlorobenzene	13.66	146	1055205	54.915	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.24	75	53689	54.939	ug/l	87

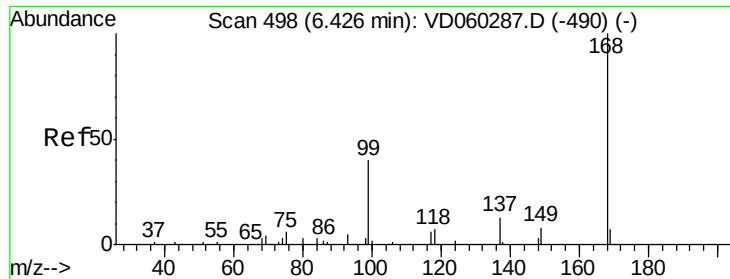
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111618\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.80	180	775052	50.874	µg/l	98
94) Hexachlorobutadiene	14.89	225	479474	42.077	µg/l	99
95) Naphthalene	14.97	128	1050830	56.487	µg/l	99
96) 1,2,3-Trichlorobenzene	15.12	180	647020	52.999	µg/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 498

Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

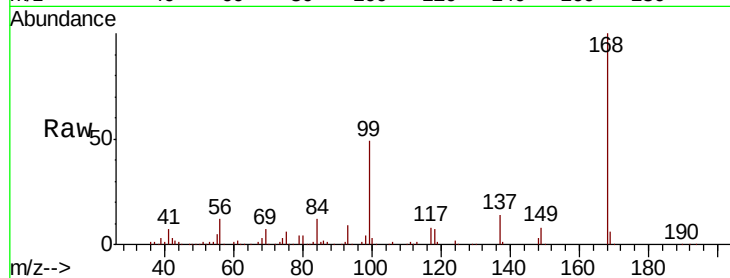
FDSB-05(25-27)MSD

Tot Ion:168 Resp: 1261618

Ion Ratio Lower Upper

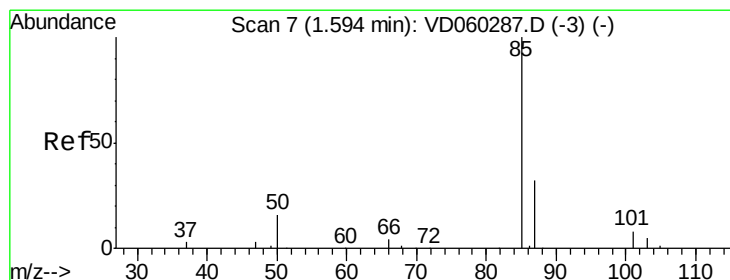
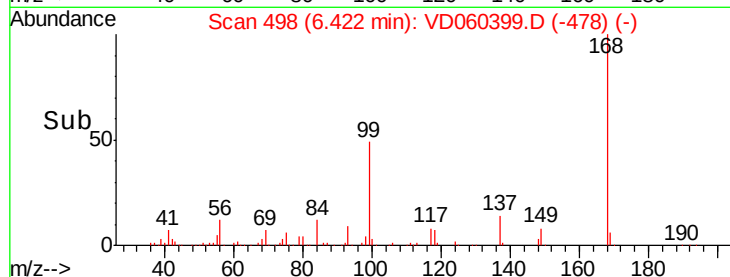
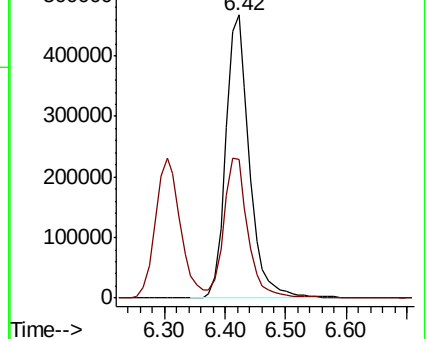
168 100

99 49.2 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 51.620 ug/l

RT: 1.59 min Scan# 7

Delta R.T. -0.00 min

Lab File: VD060399.D

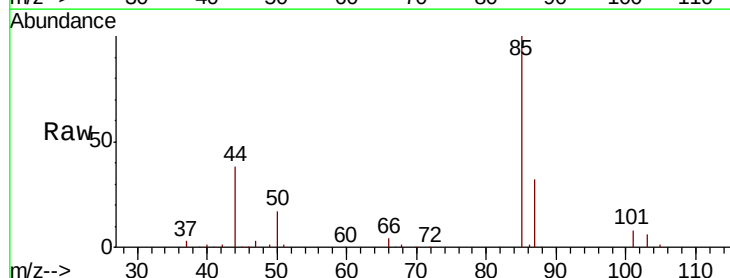
Acq: 16 Nov 2018 15:42

Tgt Ion: 85 Resp: 509359

Ion Ratio Lower Upper

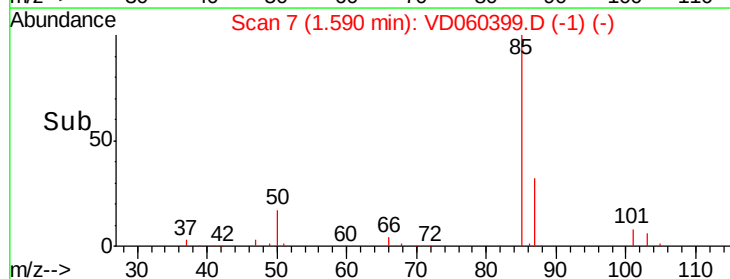
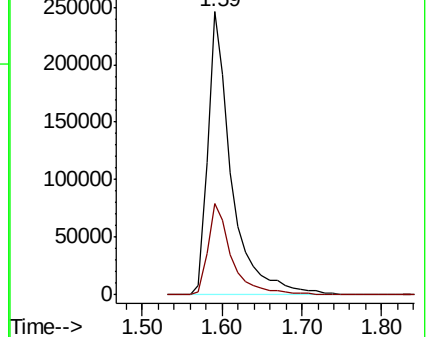
85 100

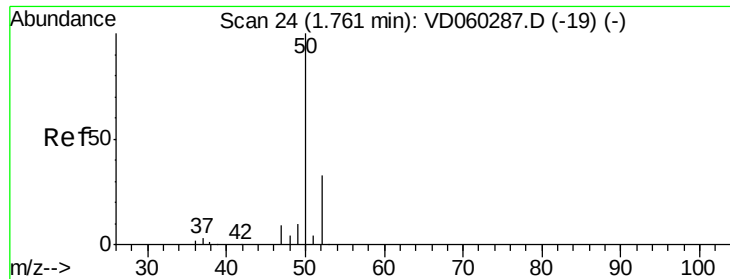
87 32.1 16.8 50.4



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 47.363 ug/l

RT: 1.76 min Scan# 24

Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

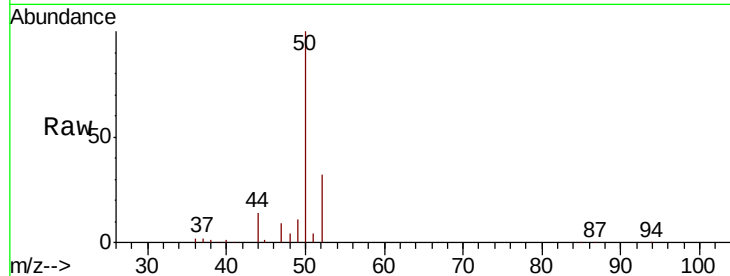
FDSB-05(25-27)MSD

Tot Ion: 50 Resp: 566015

Ion Ratio Lower Upper

50 100

52 31.8 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

1.76

200000

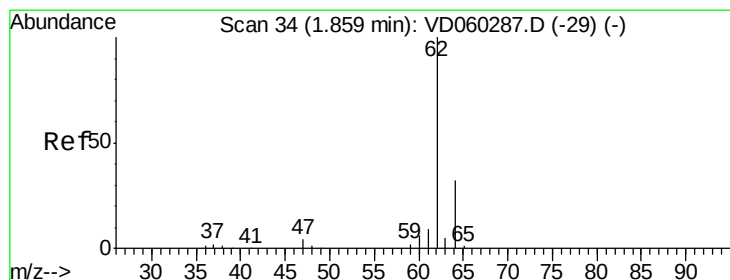
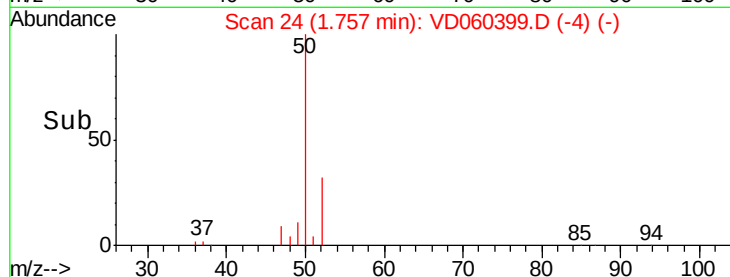
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 52.190 ug/l

RT: 1.86 min Scan# 34

Delta R.T. -0.00 min

Lab File: VD060399.D

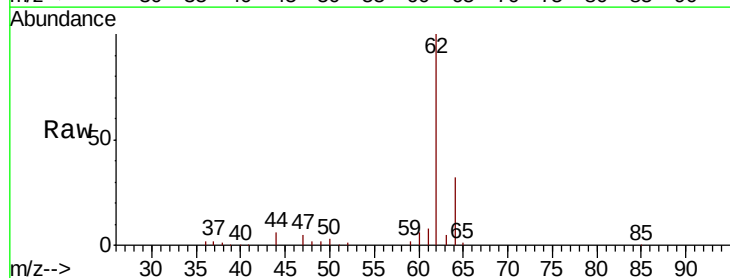
Acq: 16 Nov 2018 15:42

Tgt Ion: 62 Resp: 509354

Ion Ratio Lower Upper

62 100

64 31.6 24.9 37.3



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.86

300000

250000

200000

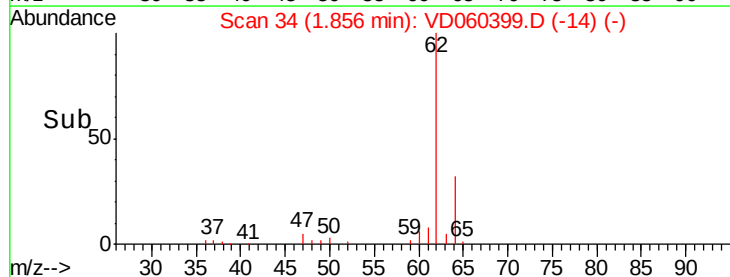
150000

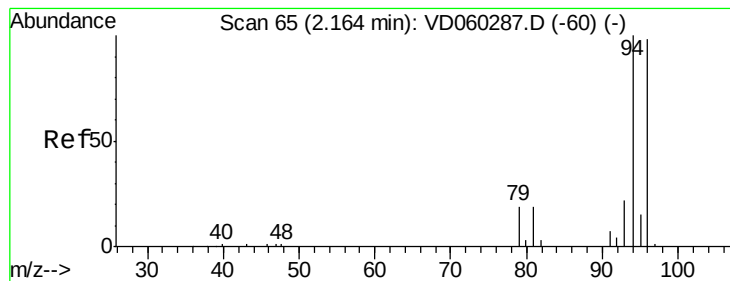
100000

50000

0

Time-->





#5

Bromomethane

Concen: 78.961 ug/l

RT: 2.16 min Scan# 65

Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

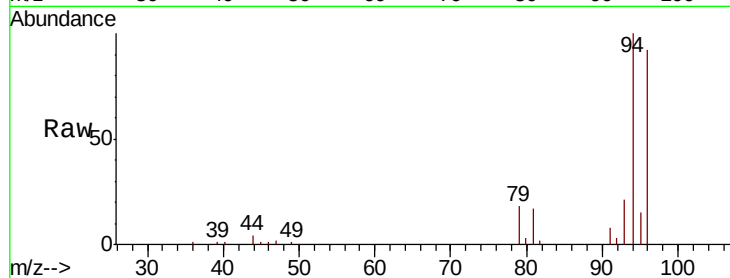
FDSB-05(25-27)MSD

Tot Ion: 94 Resp: 182832

Ion Ratio Lower Upper

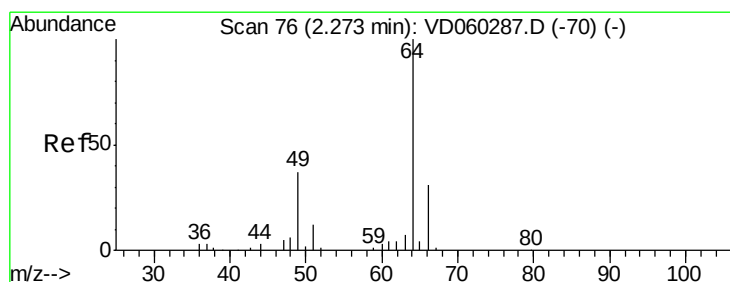
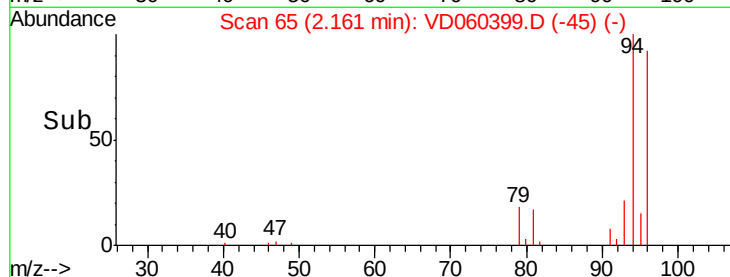
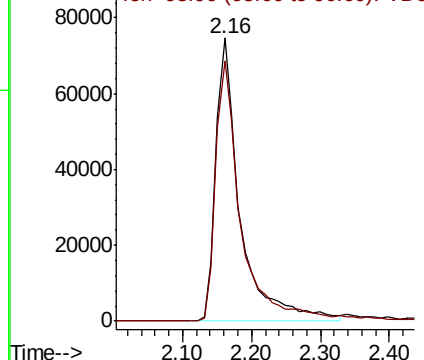
94 100

96 92.1 76.6 114.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 64.203 ug/l

RT: 2.27 min Scan# 76

Delta R.T. -0.00 min

Lab File: VD060399.D

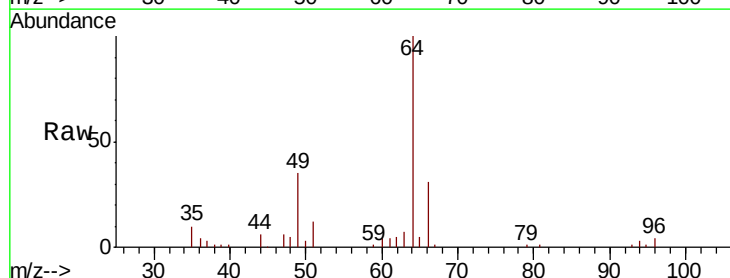
Acq: 16 Nov 2018 15:42

Tgt Ion: 64 Resp: 207906

Ion Ratio Lower Upper

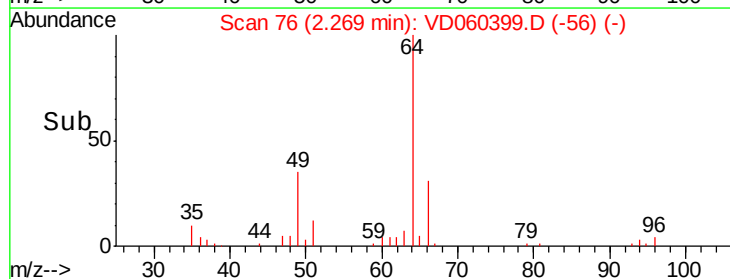
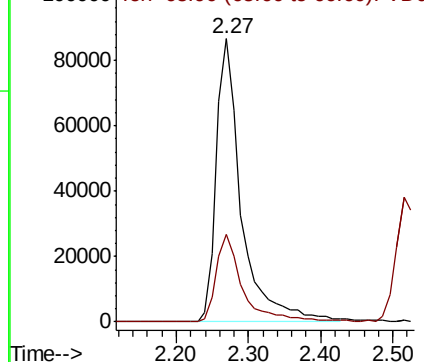
64 100

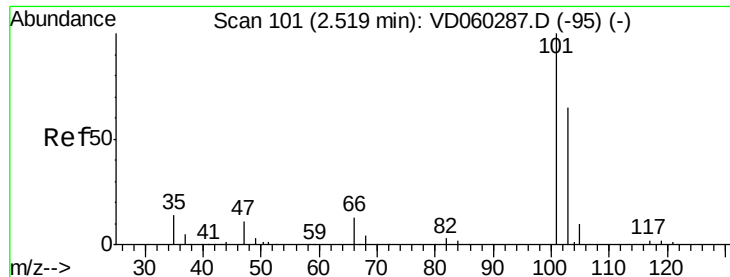
66 30.9 26.6 40.0



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



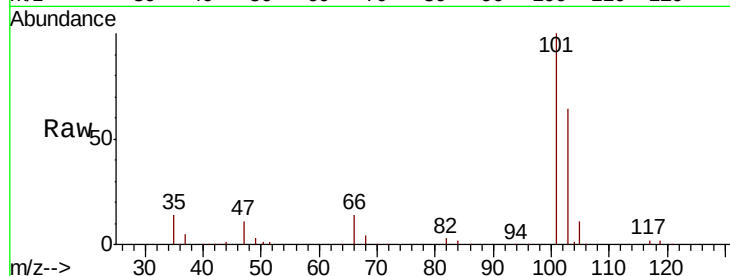


#7

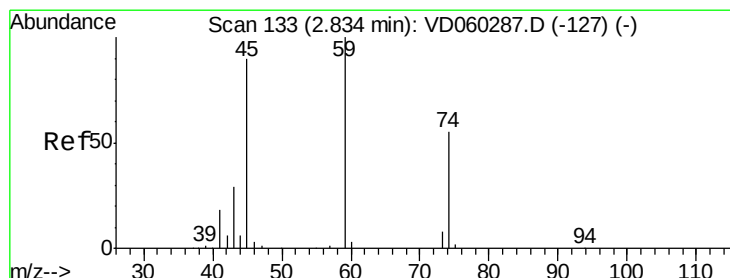
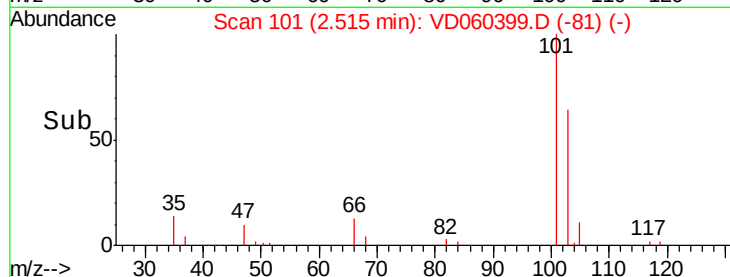
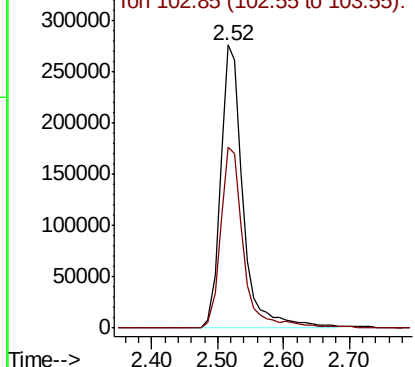
Trichlorofluoromethane
 Concen: 56.979 ug/l
 RT: 2.52 min Scan# 101
 Delta R.T. -0.00 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

Instrument :
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 ClientSampleId :
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Tot Ion:101 Resp: 655617
 Ion Ratio Lower Upper
 101 100
 103 64.1 53.6 80.4



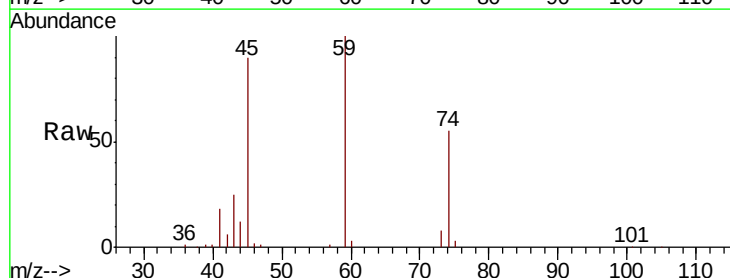
Abundance Ion 100.85 (100.55 to 101.55): V
 Ion 102.85 (102.55 to 103.55): V



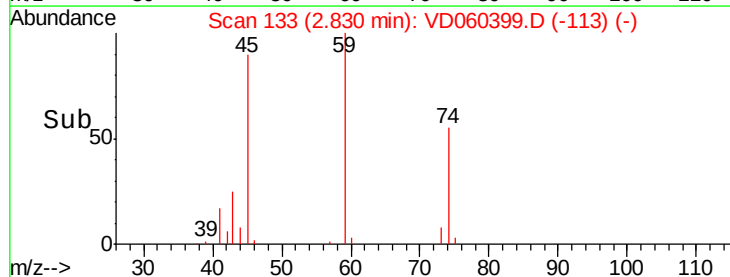
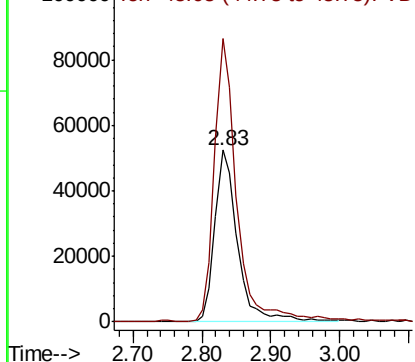
#8

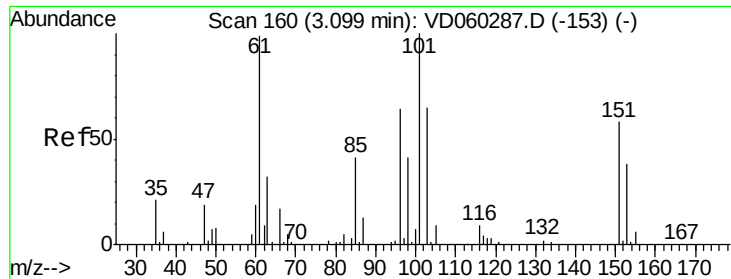
Diethyl Ether
 Concen: 58.360 ug/l
 RT: 2.83 min Scan# 133
 Delta R.T. -0.00 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

Tgt Ion: 74 Resp: 121577
 Ion Ratio Lower Upper
 74 100
 45 164.9 84.8 254.4



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.628 ug/l

RT: 3.11 min Scan# 161

Delta R.T. 0.01 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

FDSB-05(25-27)MSD

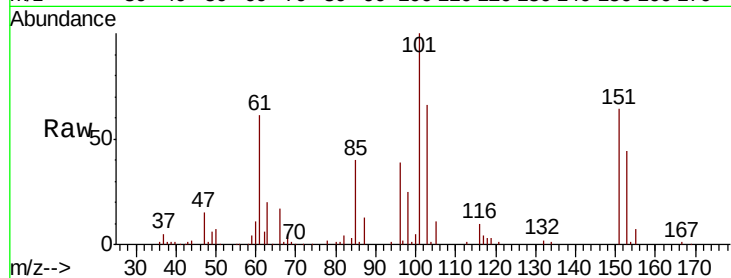
Tot Ion:101 Resp: 405854

Ion Ratio Lower Upper

101 100

85 39.9 31.4 47.0

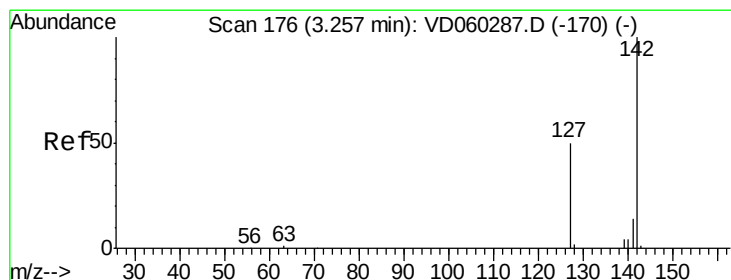
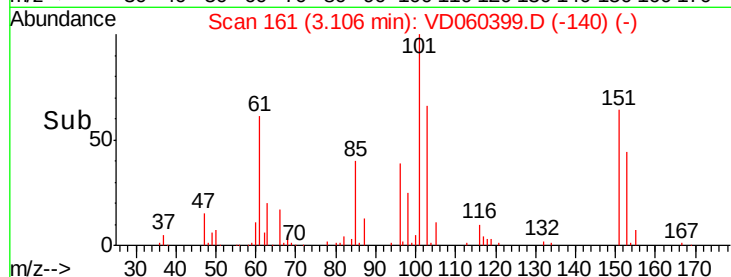
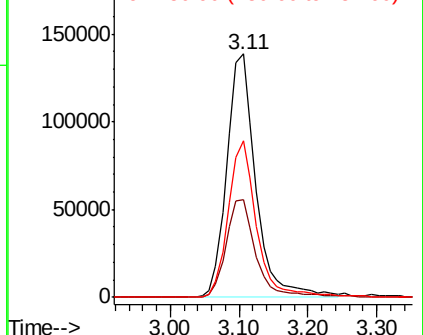
151 64.1 47.4 71.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 52.541 ug/l

RT: 3.25 min Scan# 176

Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

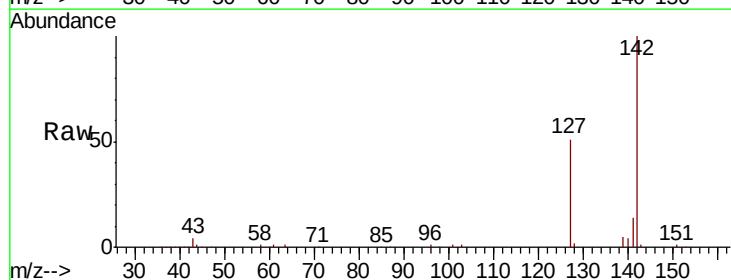
Tgt Ion:142 Resp: 516446

Ion Ratio Lower Upper

142 100

127 51.2 41.0 61.6

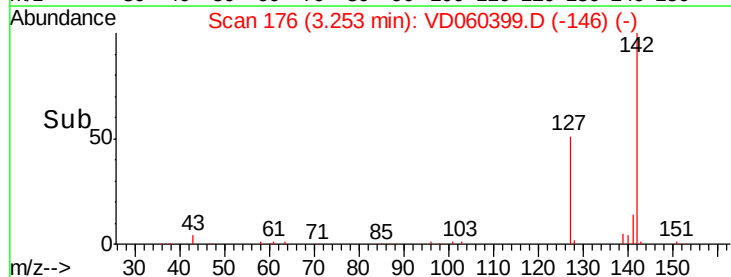
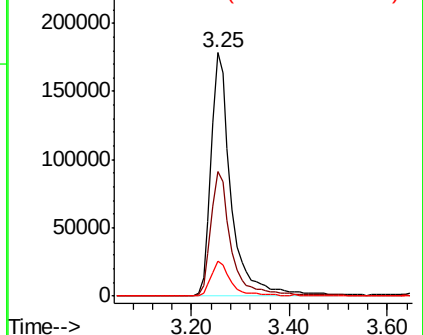
141 14.2 11.9 17.9

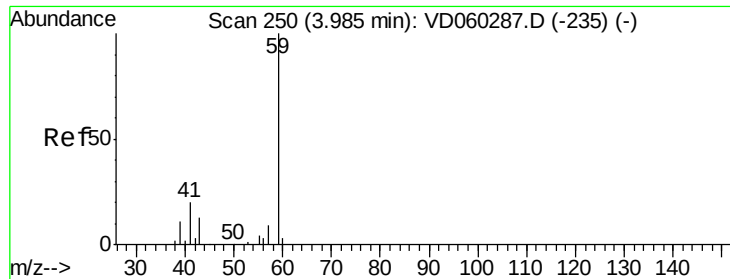


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

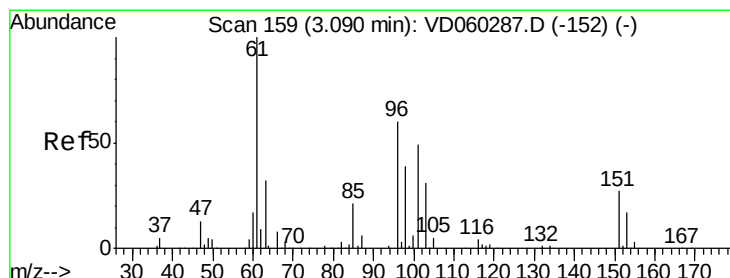
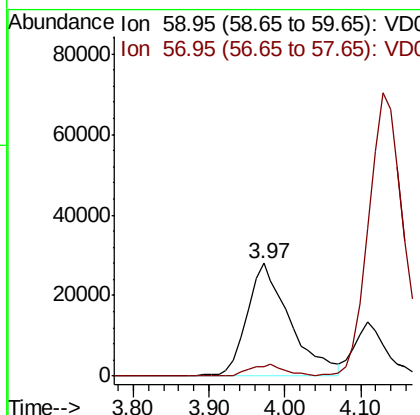
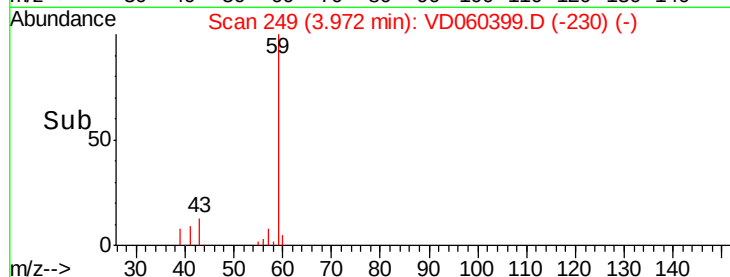
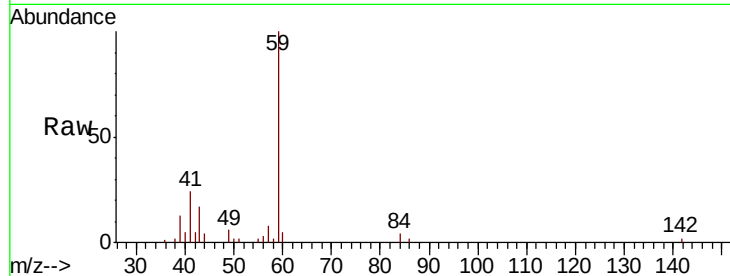




#11
Tert butyl alcohol
Concen: 297.948 ug/l
RT: 3.97 min Scan# 249
Delta R.T. -0.01 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

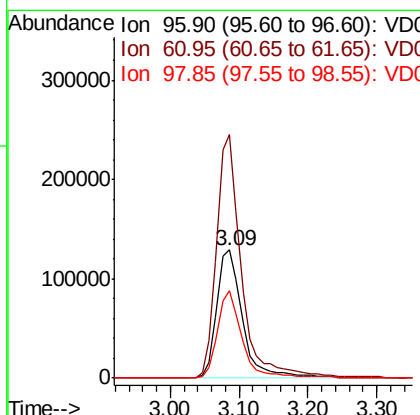
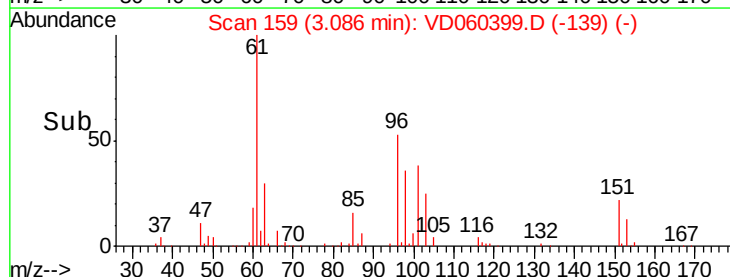
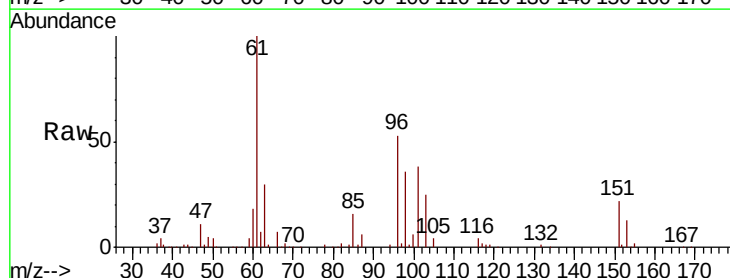
Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

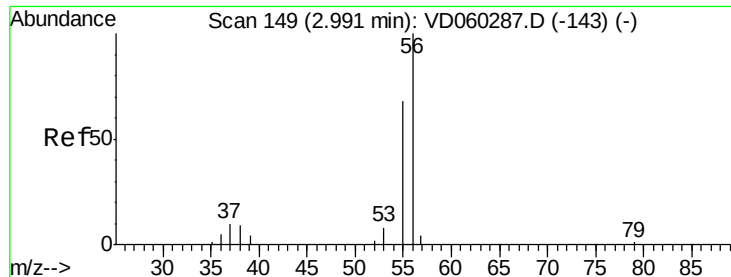
Tot Ion: 59 Resp: 110522
Ion Ratio Lower Upper
59 100
57 8.2 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 54.436 ug/l
RT: 3.09 min Scan# 159
Delta R.T. -0.00 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

Tgt Ion: 96 Resp: 335103
Ion Ratio Lower Upper
96 100
61 190.1 142.2 213.4
98 68.6 52.6 79.0





#13

Acrolein

Concen: 124.442 ug/l

RT: 3.00 min Scan# 150

Delta R.T. 0.01 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

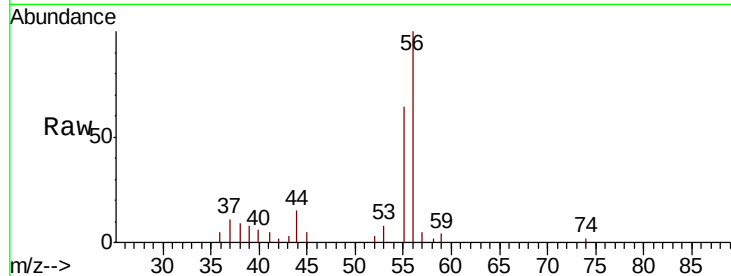
FDSB-05(25-27)MSD

Tot Ion: 56 Resp: 54544

Ion Ratio Lower Upper

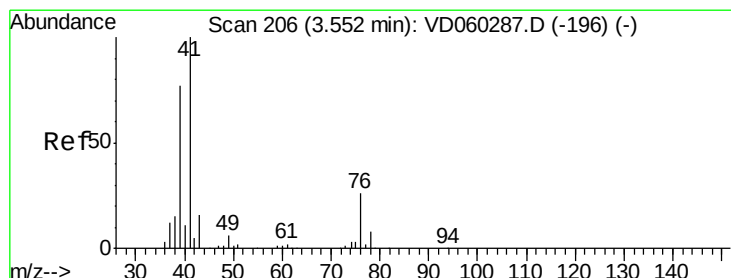
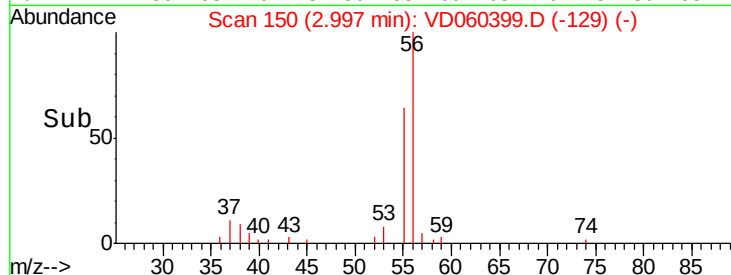
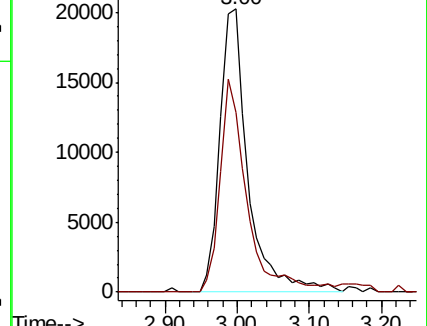
56 100

55 63.5 57.0 85.6



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 59.326 ug/l

RT: 3.55 min Scan# 206

Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

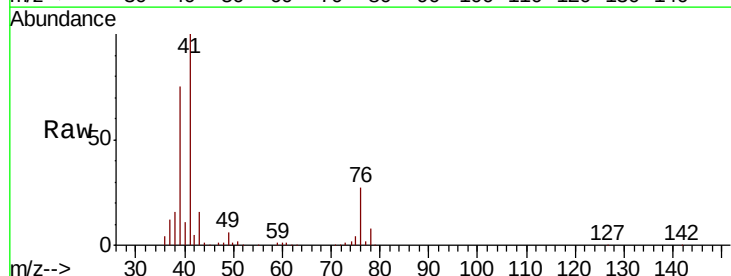
Tgt Ion: 41 Resp: 698775

Ion Ratio Lower Upper

41 100

39 75.3 60.4 90.6

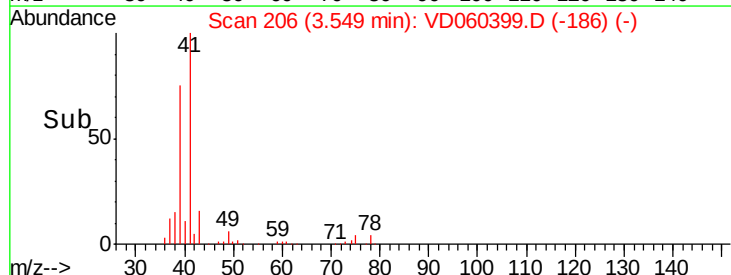
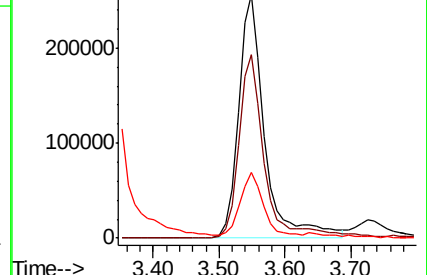
76 26.9 21.8 32.8

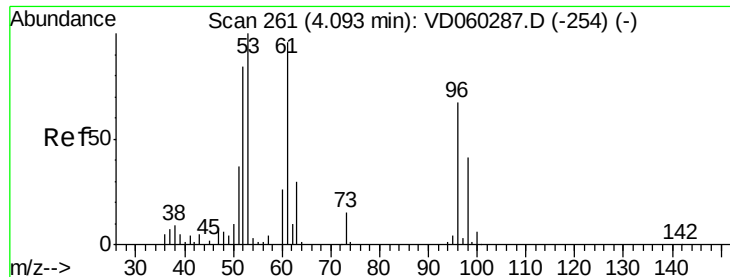


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 265.457 ug/l

RT: 4.10 min Scan# 262

Delta R.T. 0.01 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

FDSB-05(25-27)MSD

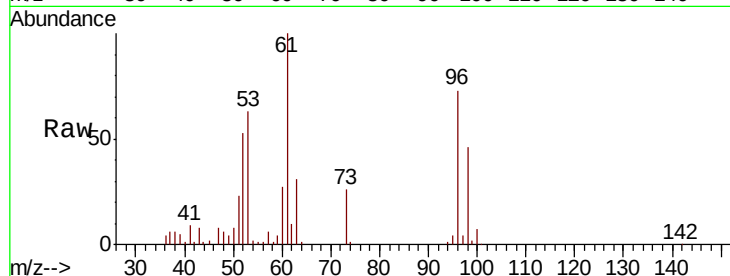
Tot Ion: 53 Resp: 574221

Ion Ratio Lower Upper

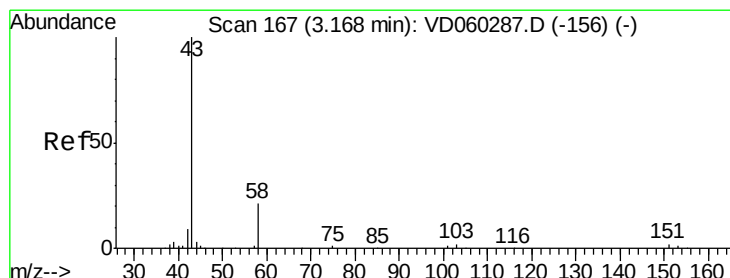
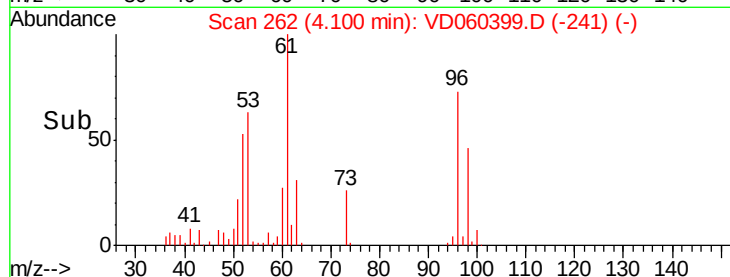
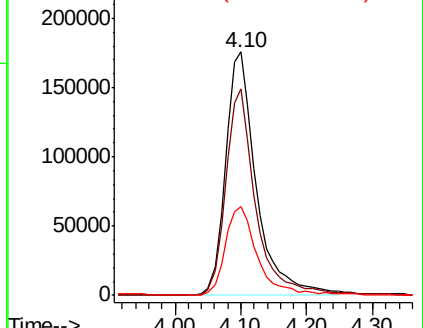
53 100

52 84.6 67.0 100.4

51 36.3 29.9 44.9



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: 250.465 ug/l

RT: 3.16 min Scan# 167

Delta R.T. -0.00 min

Lab File: VD060399.D

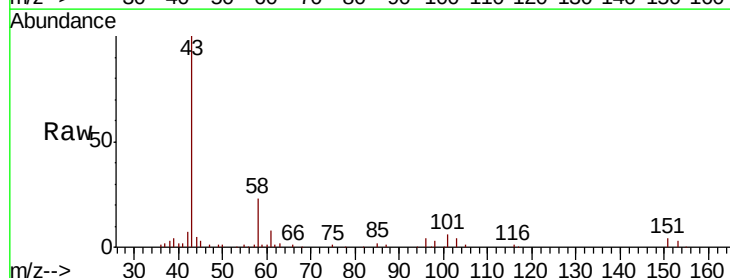
Acq: 16 Nov 2018 15:42

Tgt Ion: 43 Resp: 392463

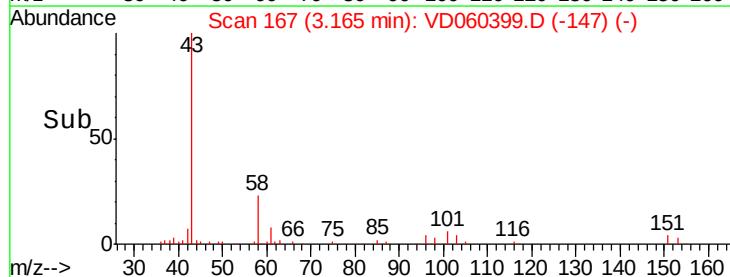
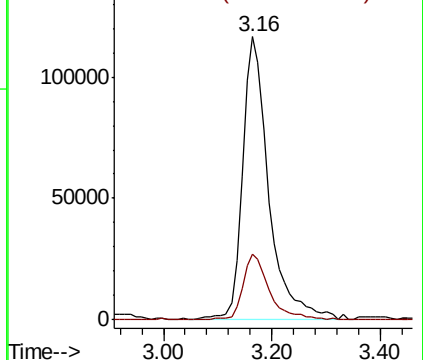
Ion Ratio Lower Upper

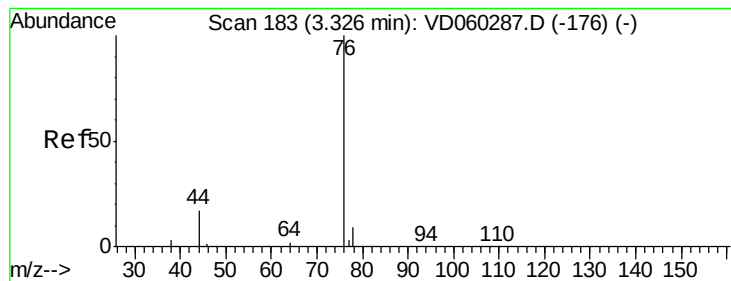
43 100

58 23.2 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 50.271 ug/l

RT: 3.32 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

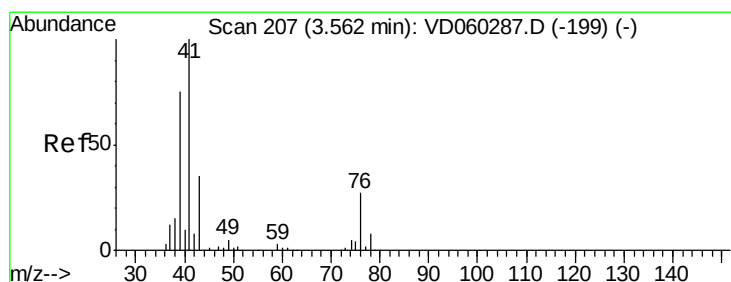
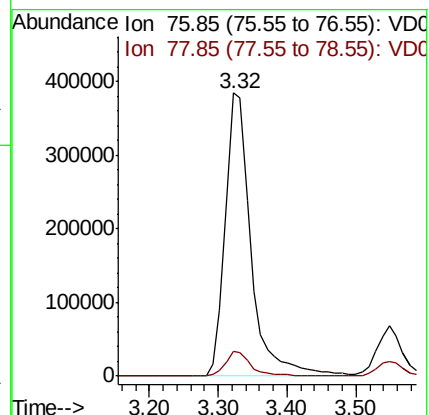
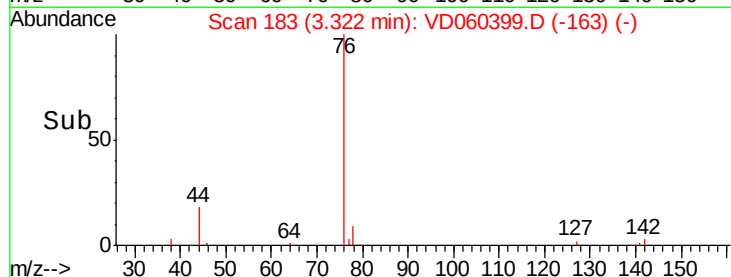
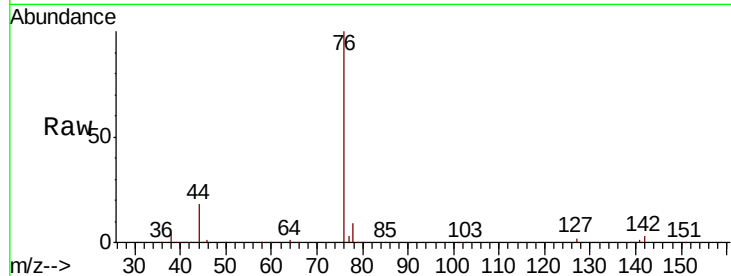
FDSB-05(25-27)MSD

Tot Ion: 76 Resp: 998885

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4



#18

Methyl Acetate

Concen: 60.854 ug/l

RT: 3.57 min Scan# 208

Delta R.T. 0.01 min

Lab File: VD060399.D

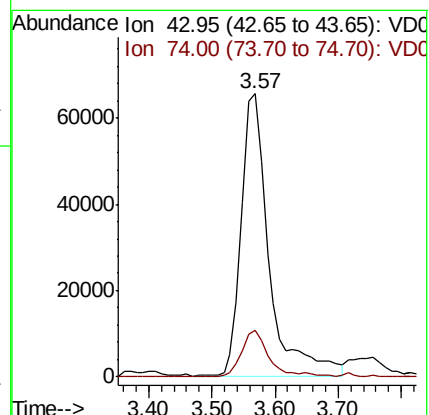
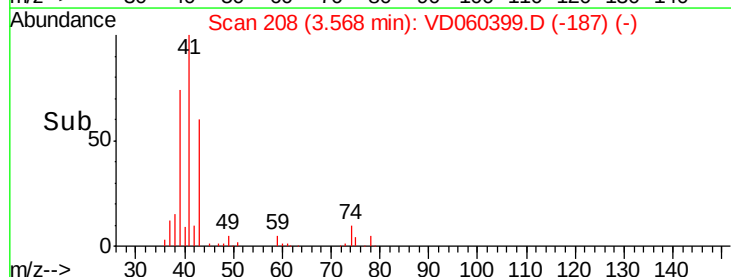
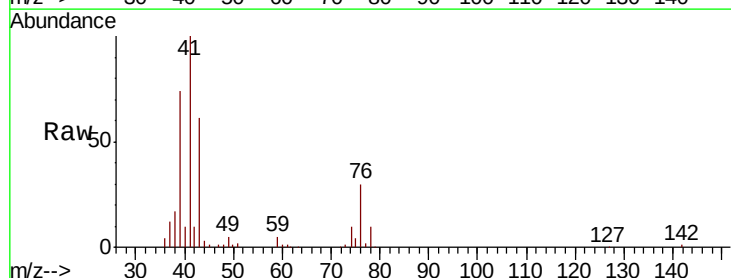
Acq: 16 Nov 2018 15:42

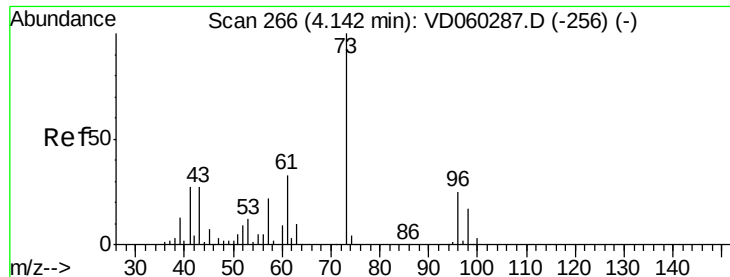
Tgt Ion: 43 Resp: 203317

Ion Ratio Lower Upper

43 100

74 16.4 12.4 18.6

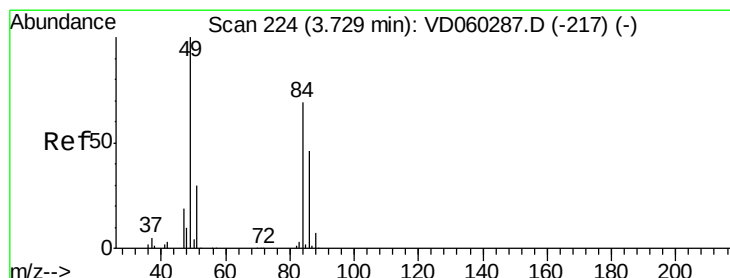
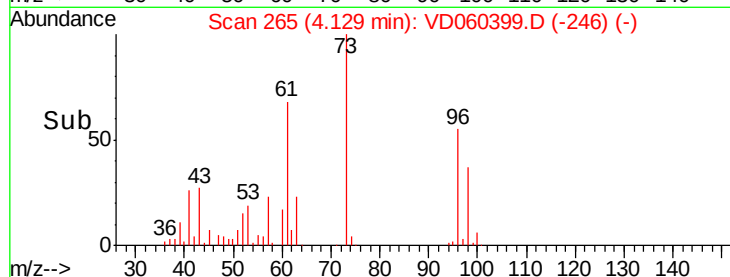
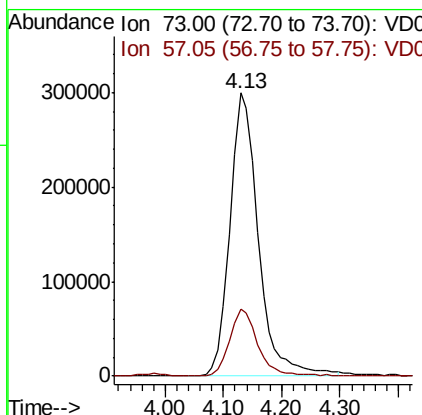
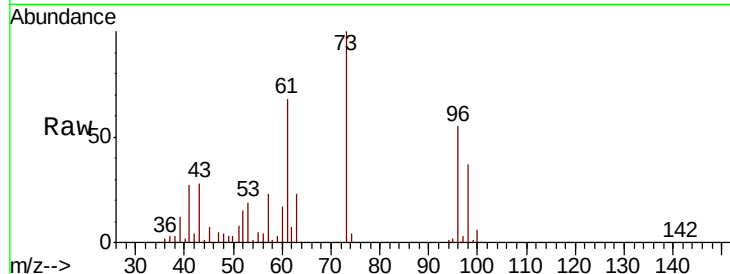




#19
Methyl tert-butyl Ether
Concen: 55.232 ug/l
RT: 4.13 min Scan# 265
Delta R.T. -0.01 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

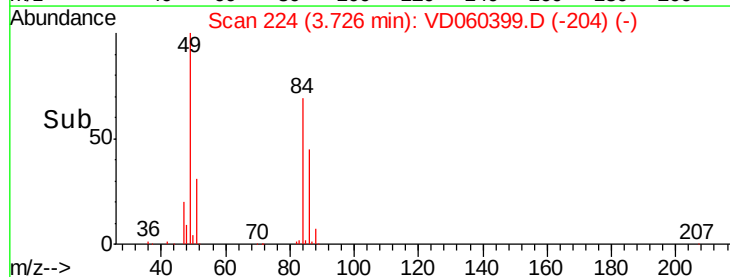
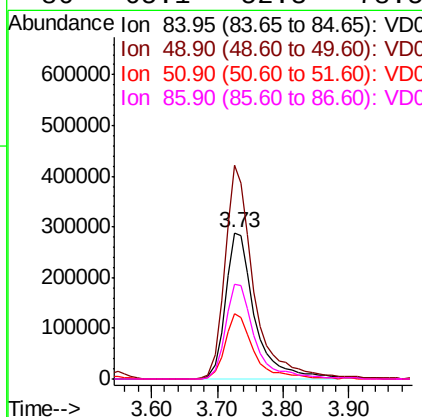
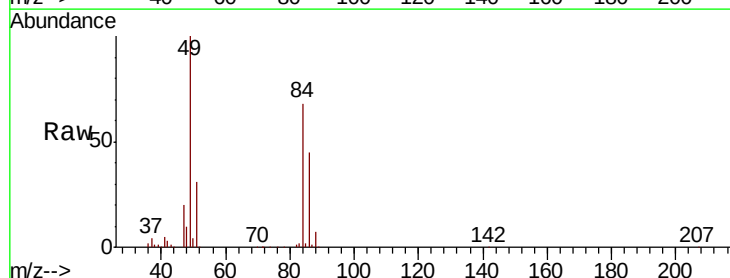
Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

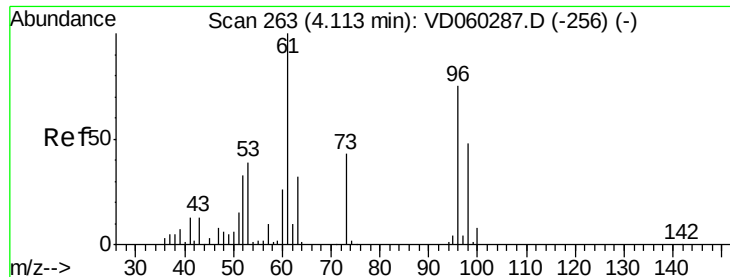
Tot Ion: 73 Resp: 1018084
Ion Ratio Lower Upper
73 100
57 23.5 18.1 27.1



#20
Methylene Chloride
Concen: 64.662 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

Tgt Ion: 84 Resp: 898804
Ion Ratio Lower Upper
84 100
49 146.3 115.6 173.4
51 44.9 35.6 53.4
86 65.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 55.837 ug/l

RT: 4.11 min Scan# 263

Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

FDSB-05(25-27)MSD

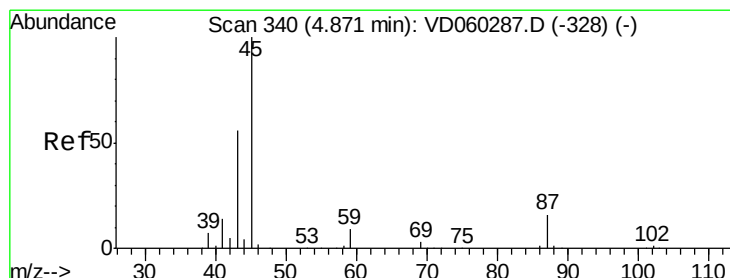
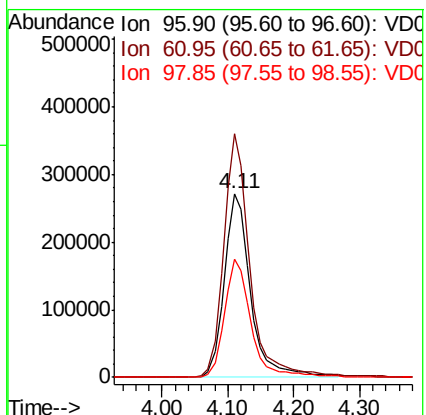
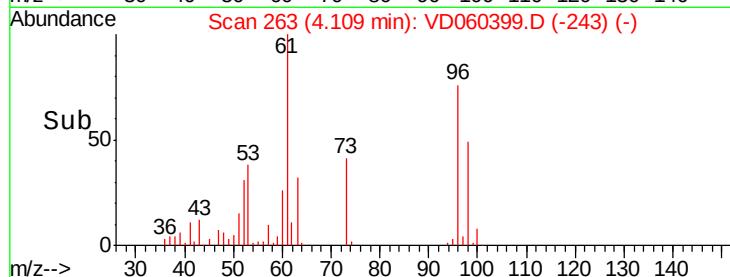
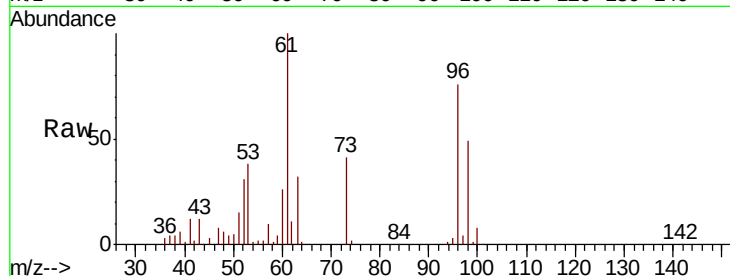
Tot Ion: 96 Resp: 763191

Ion Ratio Lower Upper

96 100

61 132.4 105.8 158.6

98 64.3 50.8 76.2



#22

Diisopropyl ether

Concen: 55.569 ug/l

RT: 4.87 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Tgt Ion: 45 Resp: 2445353

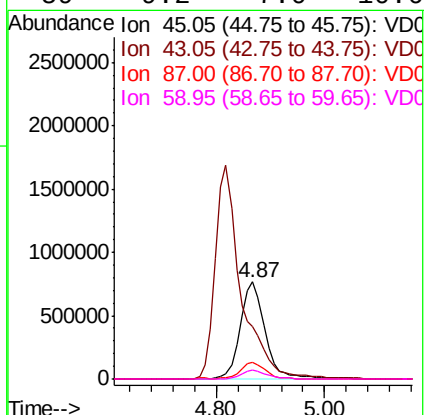
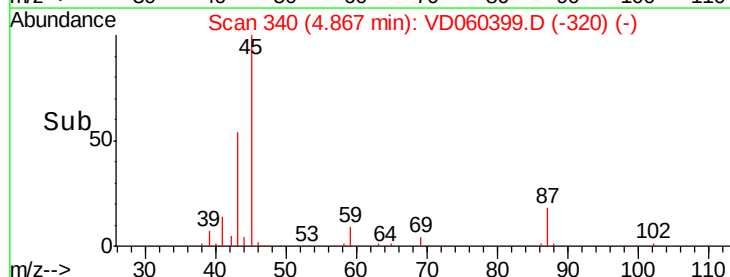
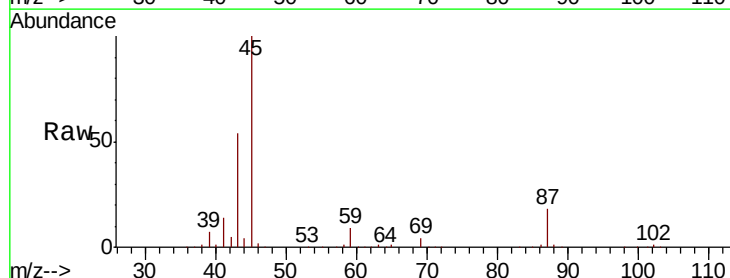
Ion Ratio Lower Upper

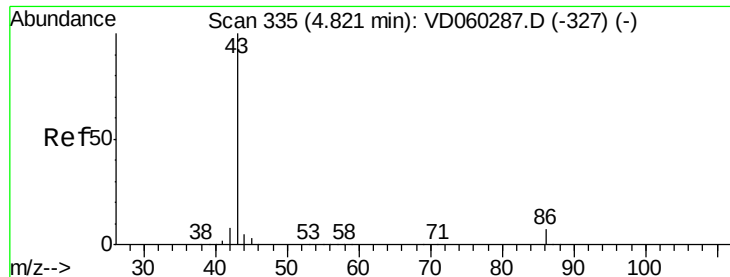
45 100

43 54.0 44.9 67.3

87 17.7 13.9 20.9

59 9.2 7.0 10.6





#23

Vinyl Acetate

Concen: 254.183 ug/l

RT: 4.82 min Scan# 335

Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

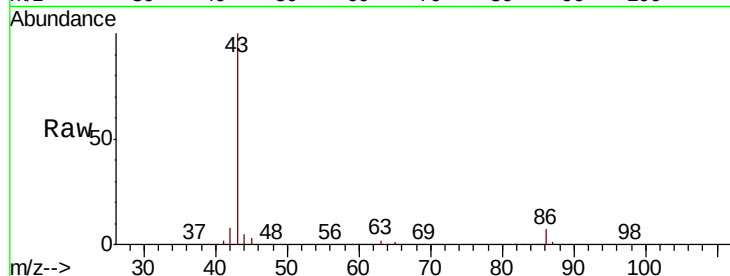
FDSB-05(25-27)MSD

Tot Ion: 43 Resp: 5565686

Ion Ratio Lower Upper

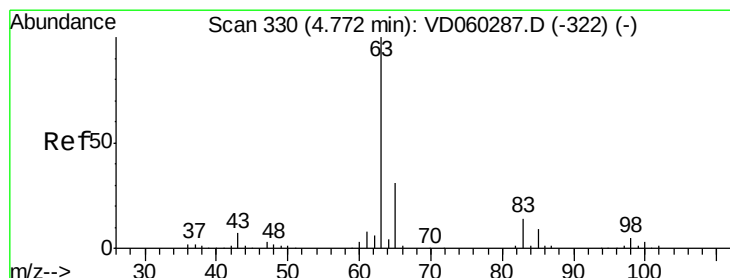
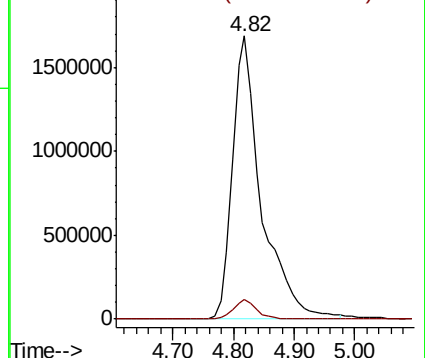
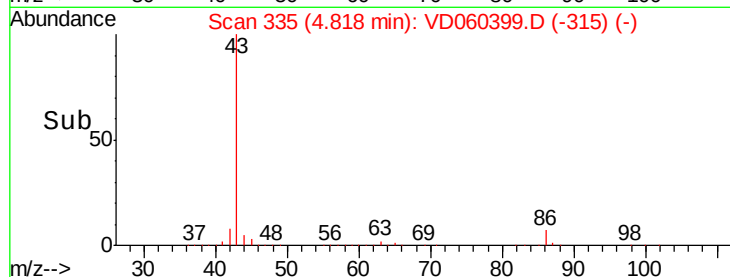
43 100

86 6.9 5.7 8.5



Abundance Ion 42.95 (42.65 to 43.65): VD060399.D (-315) (-)

Ion 86.00 (85.70 to 86.70): VD060399.D (-315) (-)



#24

1,1-Dichloroethane

Concen: 56.452 ug/l

RT: 4.77 min Scan# 330

Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

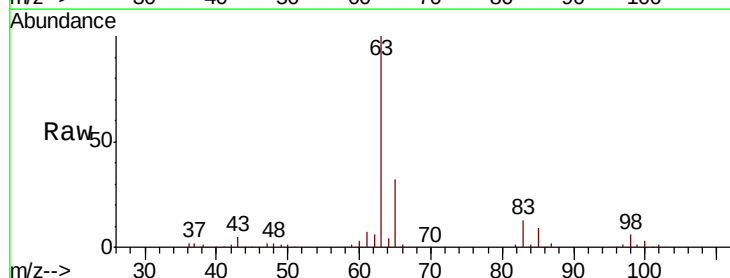
Tgt Ion: 63 Resp: 1273884

Ion Ratio Lower Upper

63 100

98 5.6 2.8 8.4

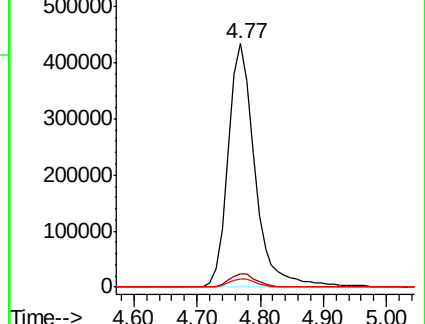
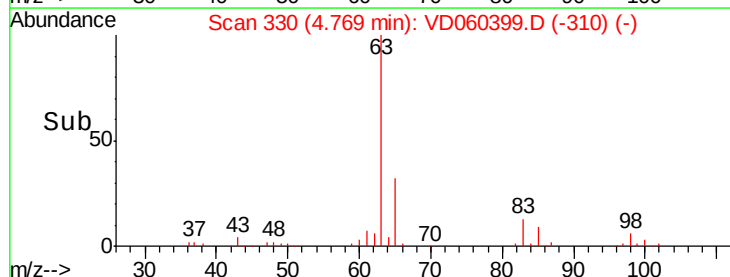
100 3.5 1.8 5.5

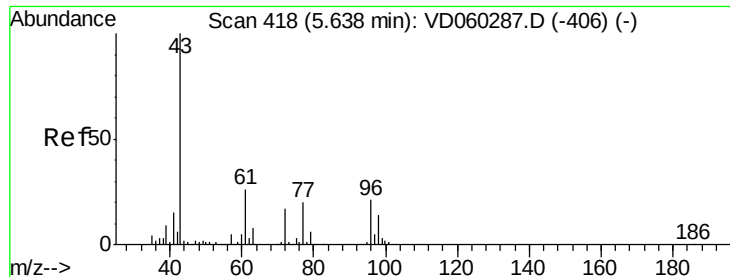


Abundance Ion 62.95 (62.65 to 63.65): VD060399.D (-310) (-)

Ion 97.95 (97.65 to 98.65): VD060399.D (-310) (-)

Ion 99.95 (99.65 to 100.65): VD060399.D (-310) (-)





#25

2-Butanone

Concen: 240.412 ug/l

RT: 5.63 min Scan# 418

Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

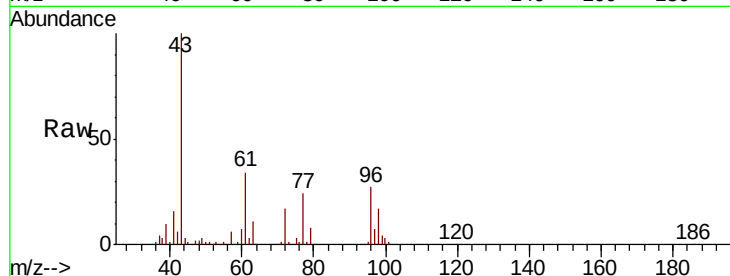
FDSB-05(25-27)MSD

Tot Ion: 43 Resp: 783016

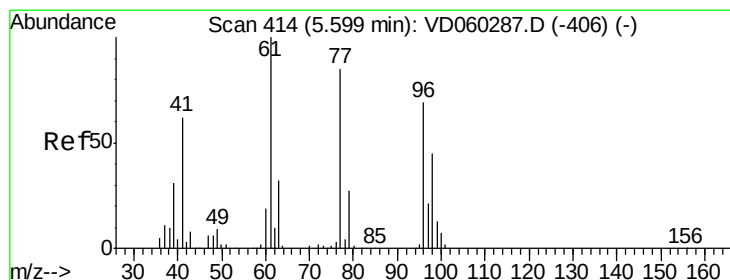
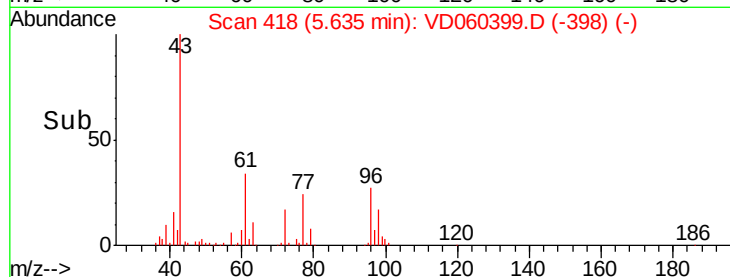
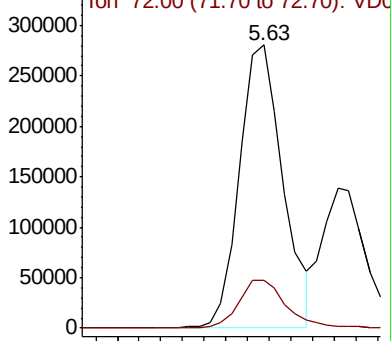
Ion Ratio Lower Upper

43 100

72 16.9 13.8 20.8



Abundance Ion 42.95 (42.65 to 43.65): VDC



#26

2,2-Dichloropropane

Concen: 52.819 ug/l

RT: 5.60 min Scan# 414

Delta R.T. -0.00 min

Lab File: VD060399.D

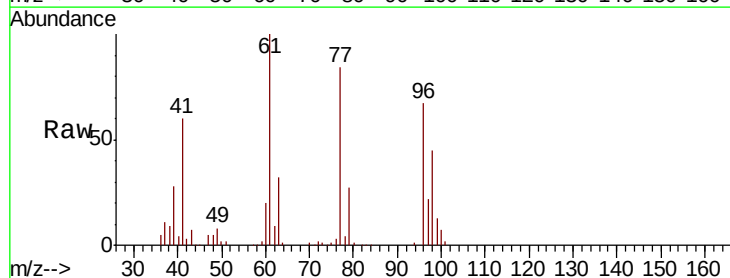
Acq: 16 Nov 2018 15:42

Tgt Ion: 77 Resp: 926652

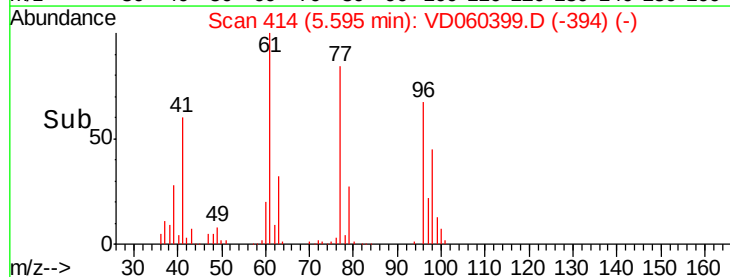
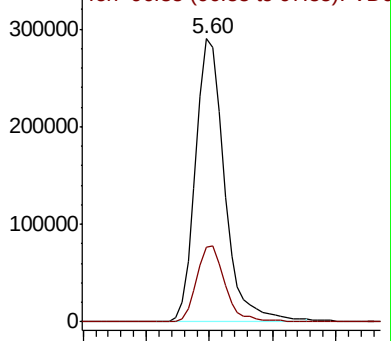
Ion Ratio Lower Upper

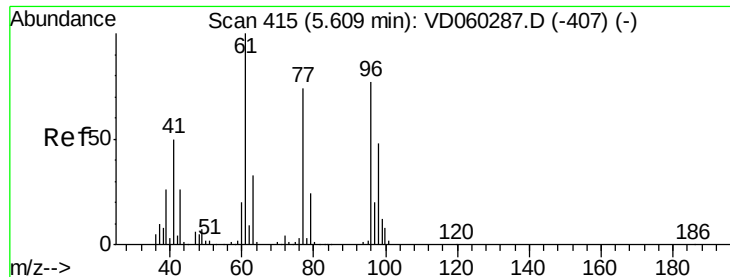
77 100

97 26.2 12.6 37.8



Abundance Ion 76.95 (76.65 to 77.65): VDC



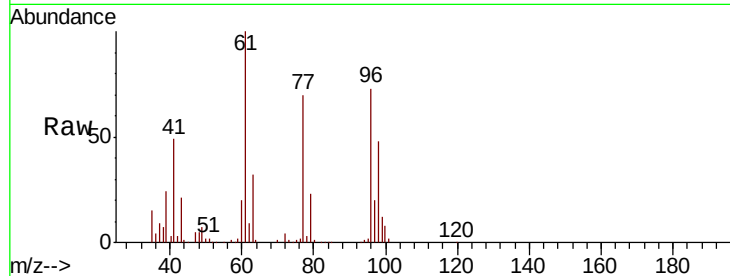


#27

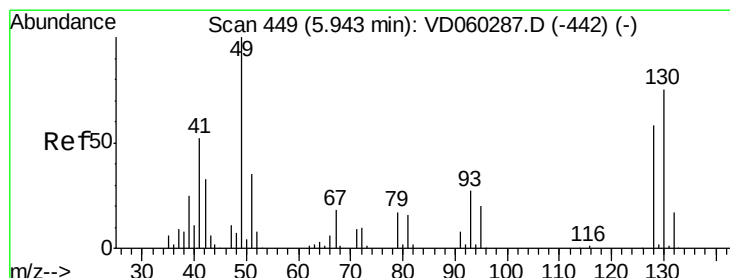
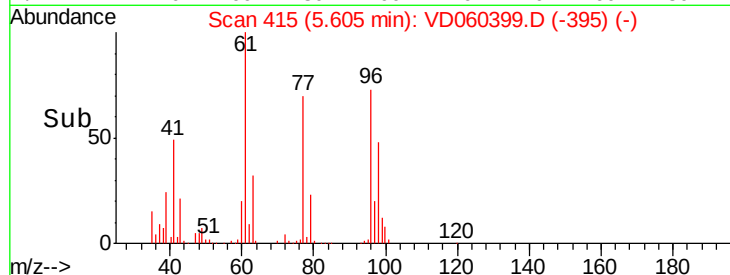
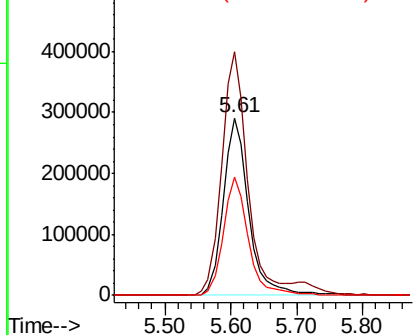
cis-1,2-Dichloroethene
Concen: 55.103 ug/l
RT: 5.61 min Scan# 415
Delta R.T. -0.00 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion: 96 Resp: 784635
Ion Ratio Lower Upper
96 100
61 137.2 0.0 259.0
98 66.5 0.0 128.8



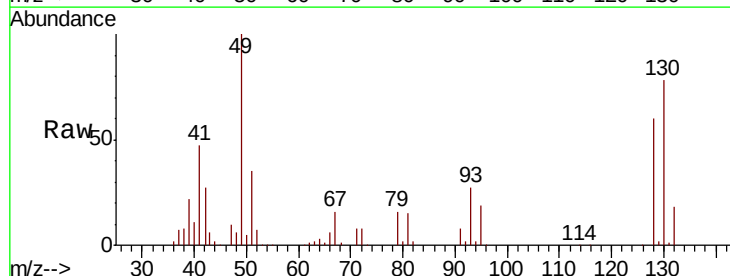
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



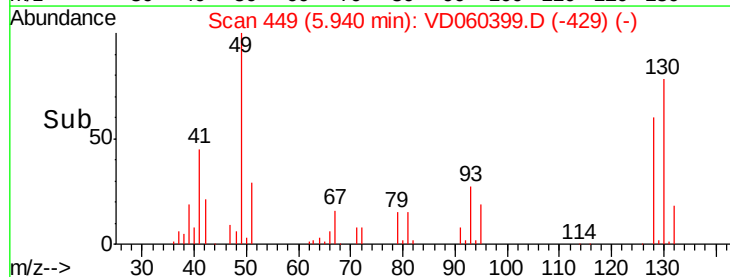
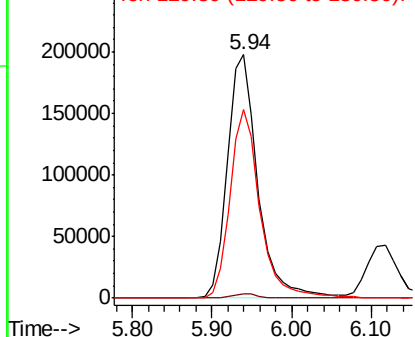
#28

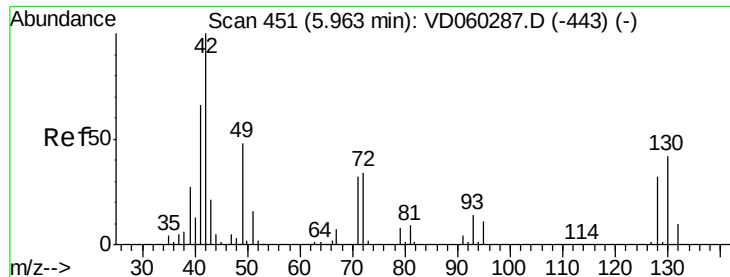
Bromochloromethane
Concen: 53.085 ug/l
RT: 5.94 min Scan# 449
Delta R.T. -0.00 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

Tgt Ion: 49 Resp: 528551
Ion Ratio Lower Upper
49 100
129 1.7 0.0 2.8
130 77.7 53.6 80.4



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





#29

Tetrahydrofuran

Concen: 238.108 ug/l

RT: 5.96 min Scan# 451

Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

FDSB-05(25-27)MSD

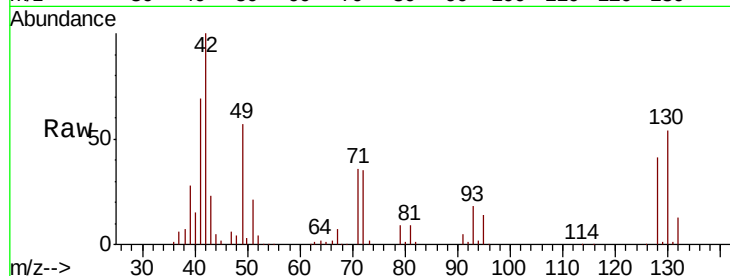
Tot Ion: 42 Resp: 408872

Ion Ratio Lower Upper

42 100

72 36.2 27.6 41.4

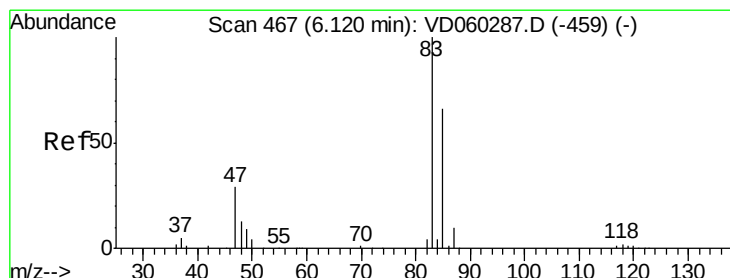
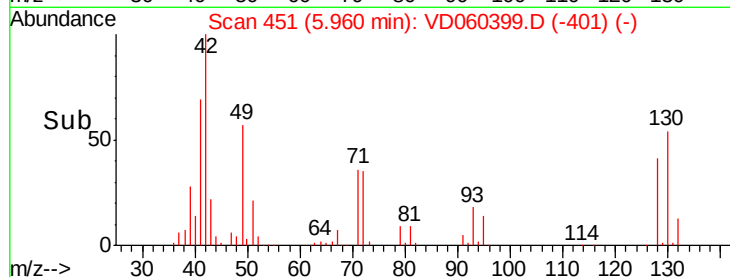
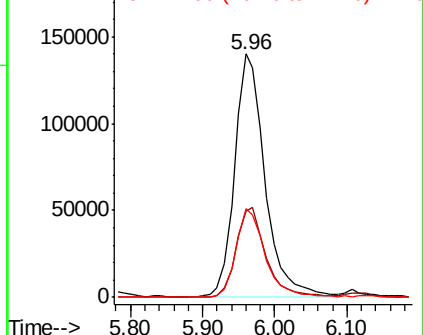
71 35.4 26.5 39.7



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: 53.058 ug/l

RT: 6.12 min Scan# 467

Delta R.T. -0.00 min

Lab File: VD060399.D

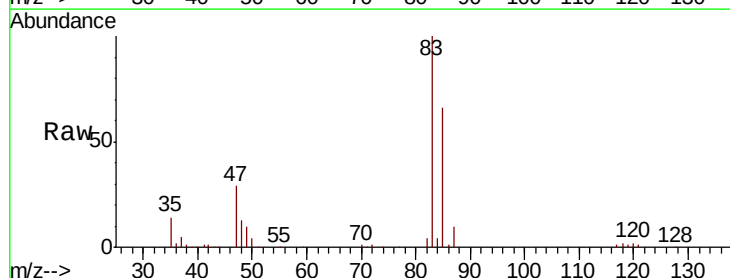
Acq: 16 Nov 2018 15:42

Tgt Ion: 83 Resp: 1196941

Ion Ratio Lower Upper

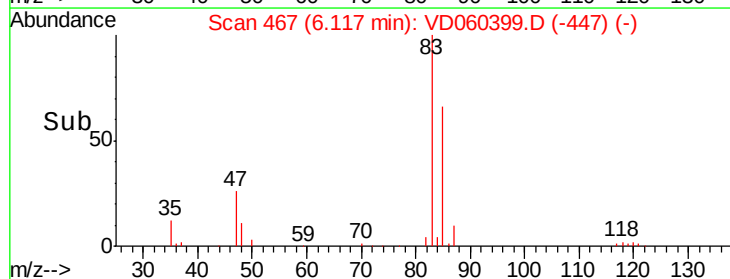
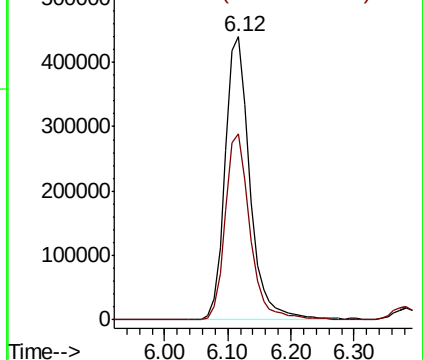
83 100

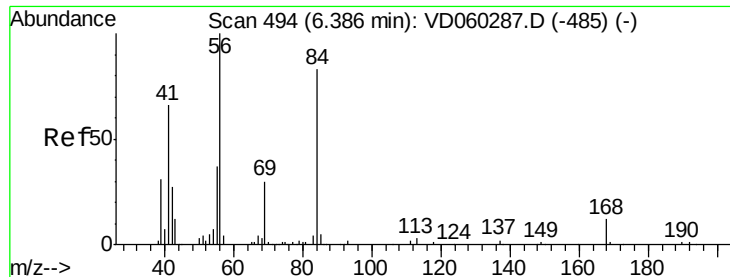
85 65.9 52.5 78.7



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

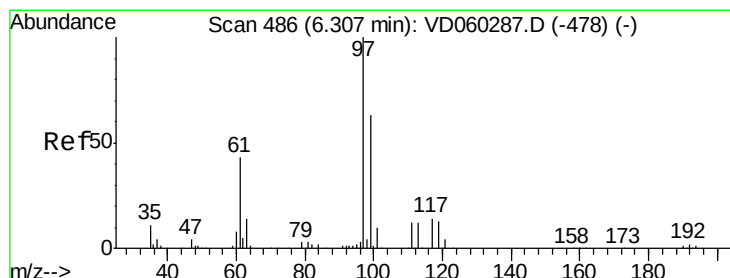
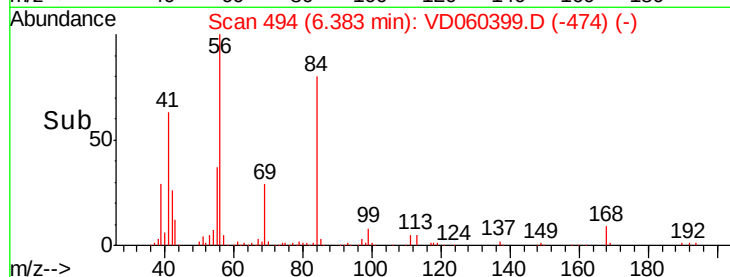
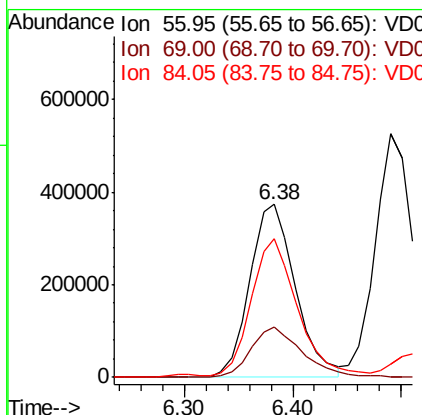
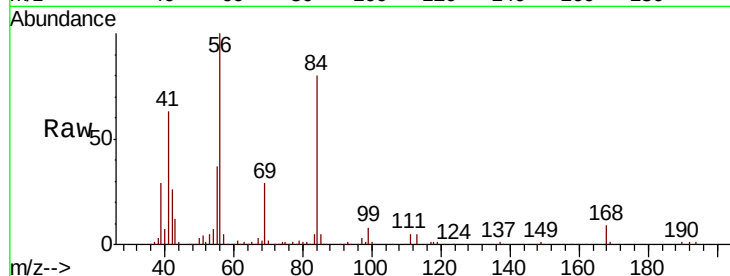




#31
Cyclohexane
Concen: 50.701 ug/l
RT: 6.38 min Scan# 494
Delta R.T. -0.00 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

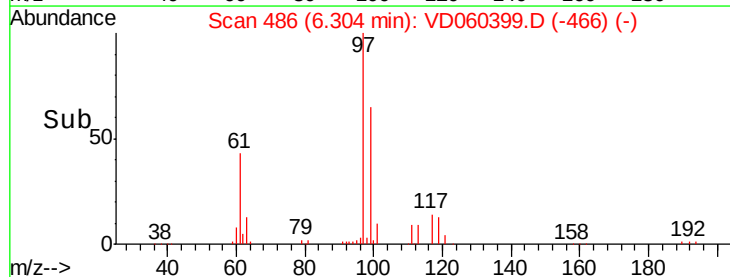
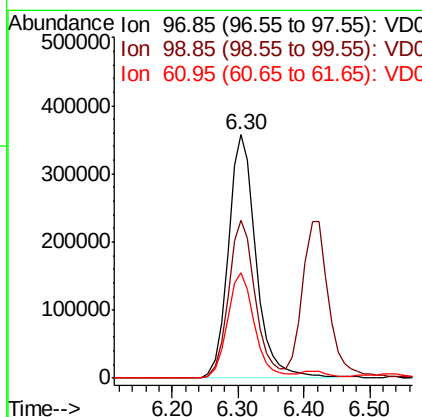
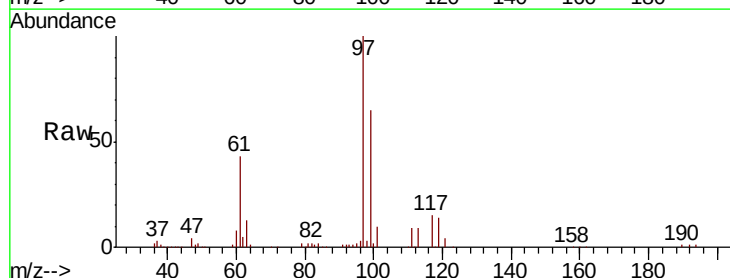
Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

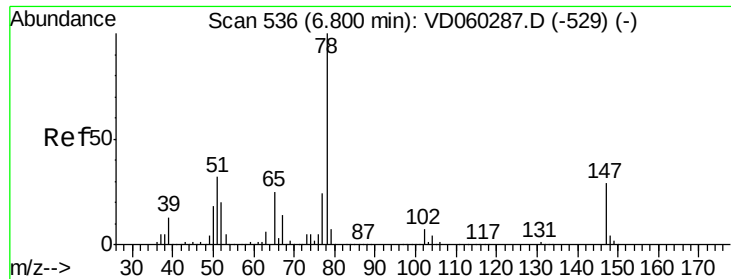
Tot Ion: 56 Resp: 1093517
Ion Ratio Lower Upper
56 100
69 29.2 22.2 33.2
84 80.4 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 55.379 ug/l
RT: 6.30 min Scan# 486
Delta R.T. -0.00 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

Tgt Ion: 97 Resp: 1052349
Ion Ratio Lower Upper
97 100
99 65.0 51.5 77.3
61 43.2 35.8 53.8

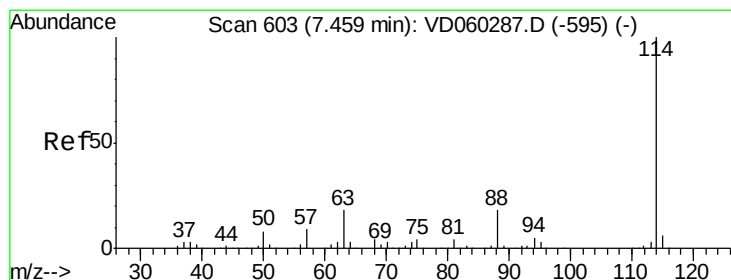
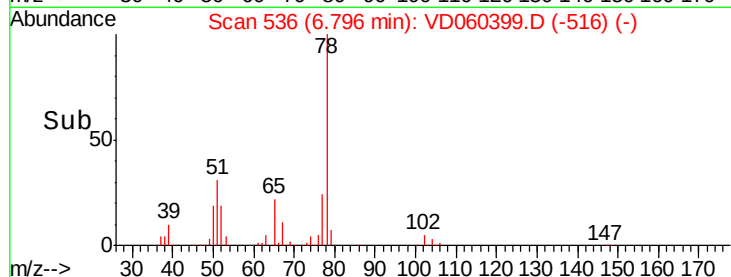
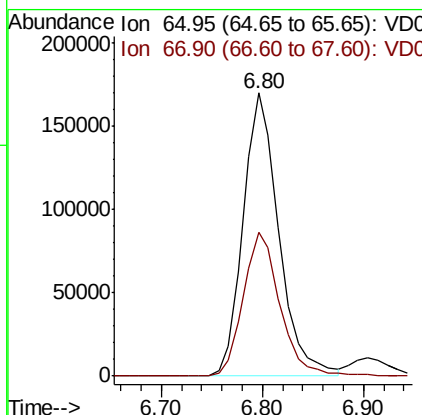
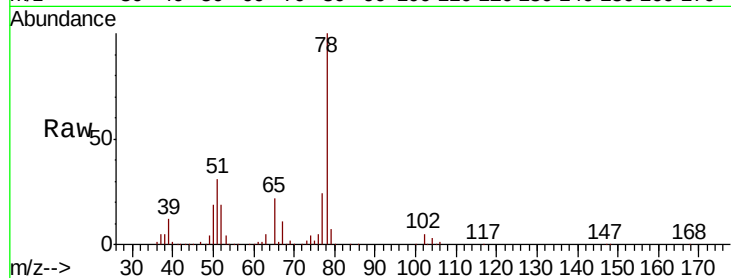




#33
 1,2-Dichloroethane-d4
 Concen: 55.379 ug/l
 RT: 6.80 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

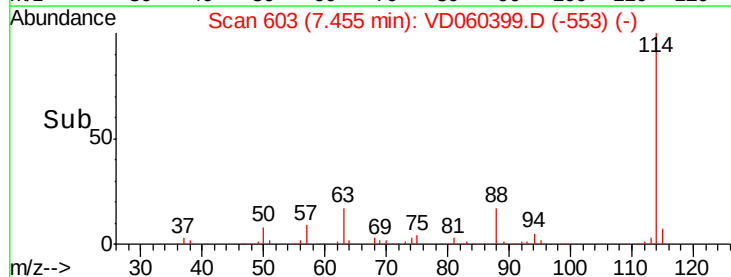
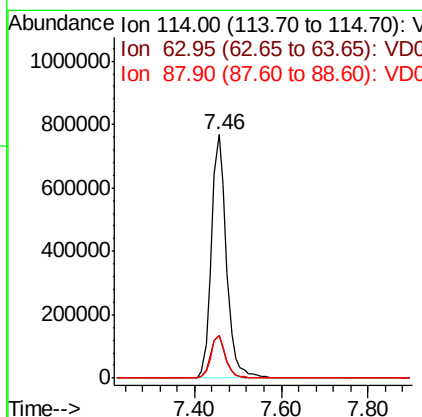
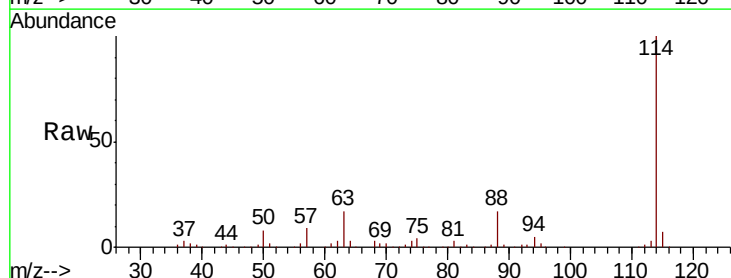
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

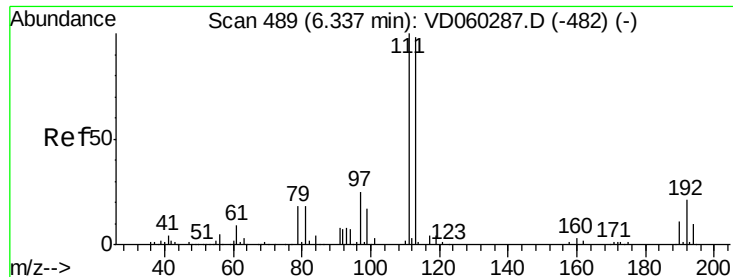
Tot Ion: 65 Resp: 418140
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

Tgt Ion: 114 Resp: 1856201
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.0
 88 17.3 0.0 35.4

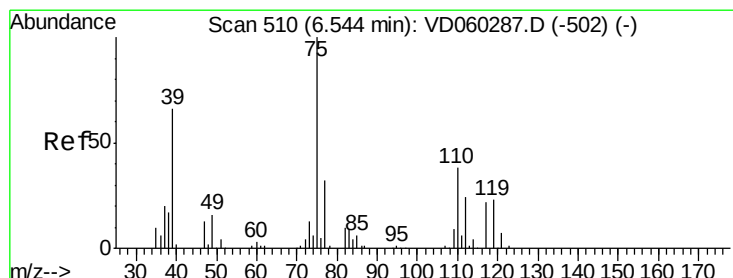
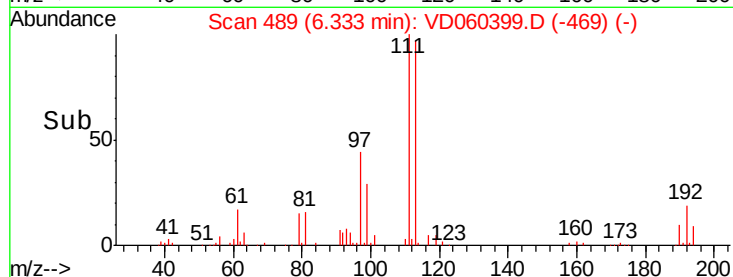
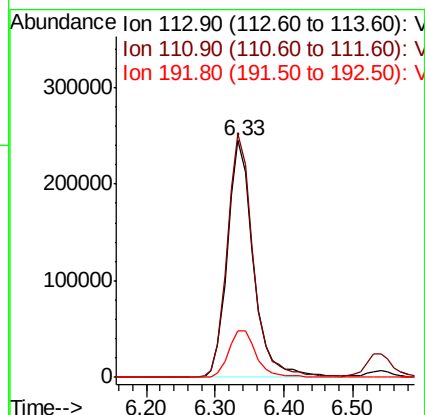
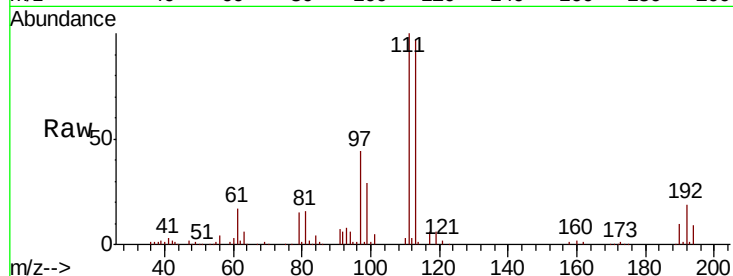




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

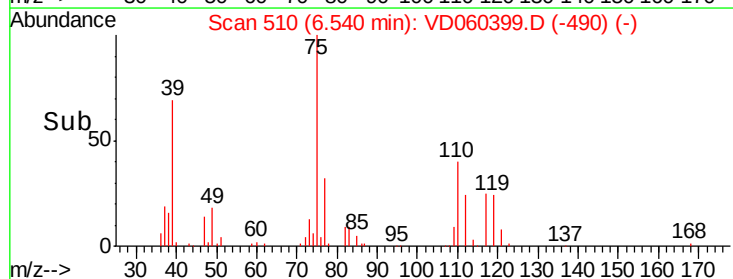
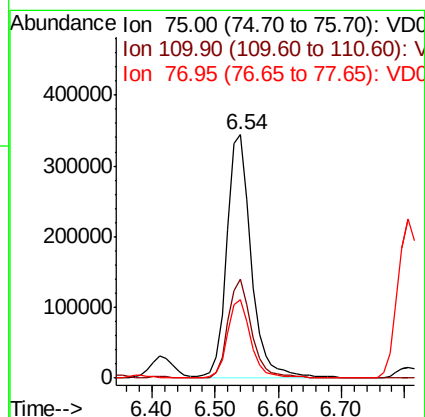
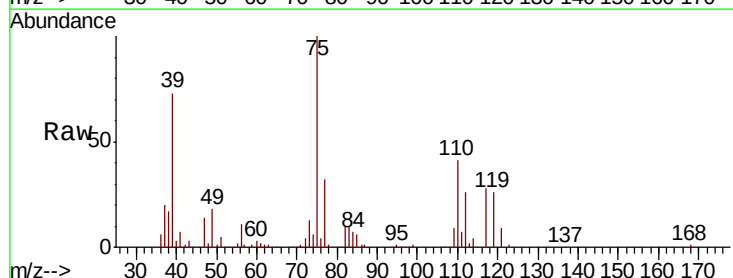
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

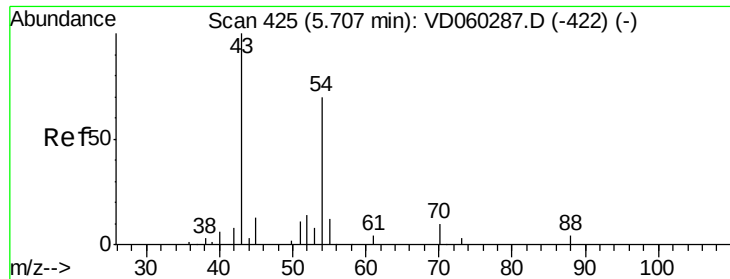
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.6	122.4
192	19.5	16.5	24.7



#36
 1,1-Dichloropropene
 Concen: 49.555 ug/l
 RT: 6.54 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.8	18.0	54.0
77	32.4	25.6	38.4

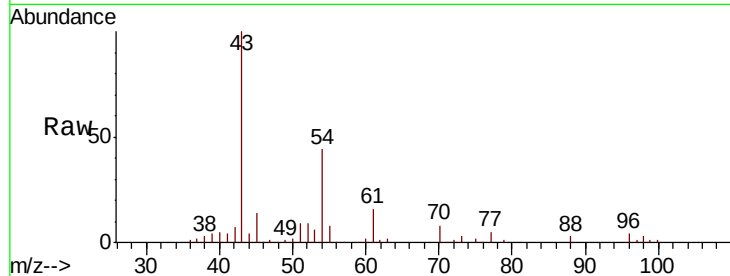




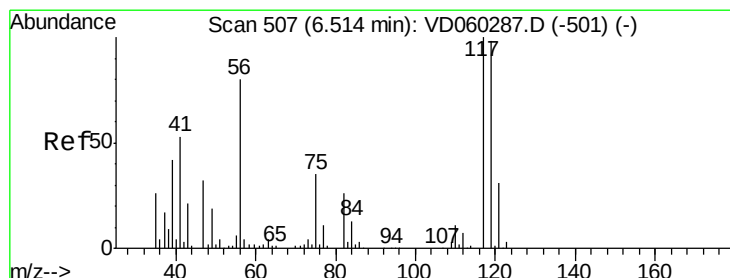
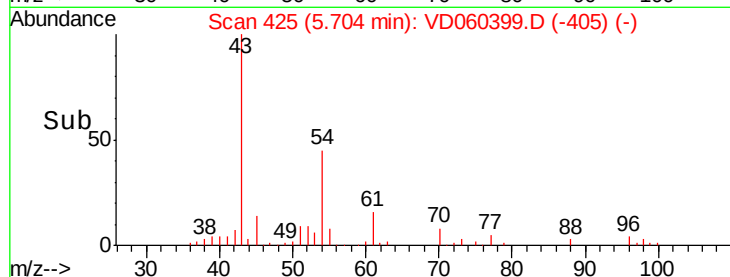
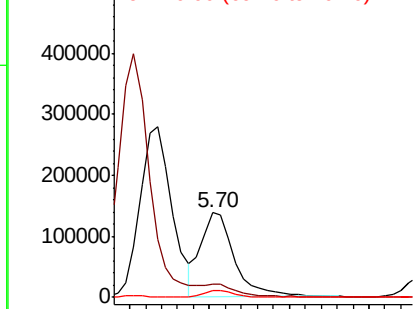
#37
Ethyl Acetate
Concen: 48.033 ug/l
RT: 5.70 min Scan# 425
Delta R.T. -0.00 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion: 43 Resp: 405330
Ion Ratio Lower Upper
43 100
61 16.2 11.8 17.6
70 8.1 6.2 9.4

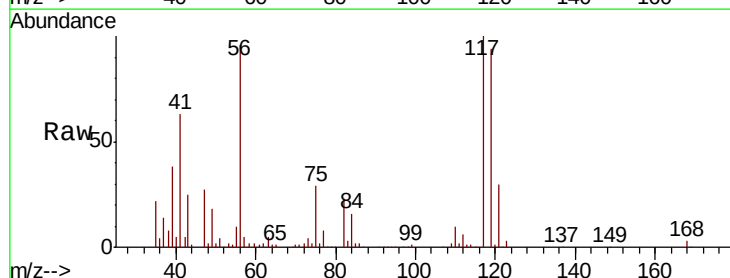


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

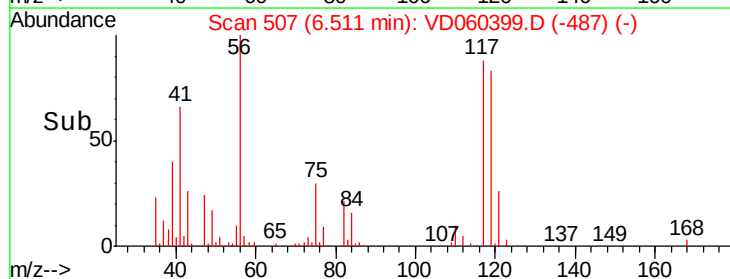
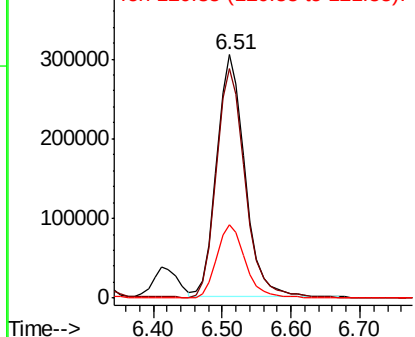


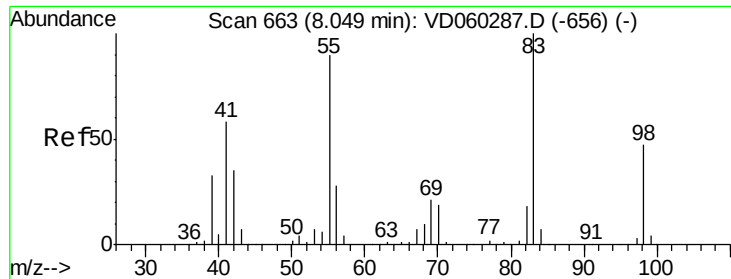
#38
Carbon Tetrachloride
Concen: 50.768 ug/l
RT: 6.51 min Scan# 507
Delta R.T. -0.00 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

Tgt Ion: 117 Resp: 863625
Ion Ratio Lower Upper
117 100
119 94.2 76.6 115.0
121 30.1 24.3 36.5



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

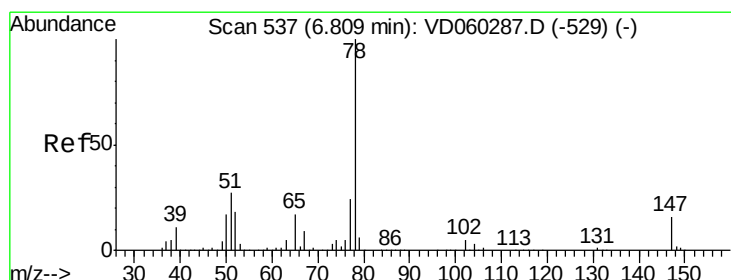
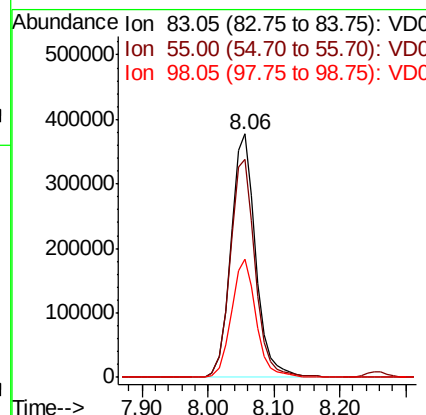
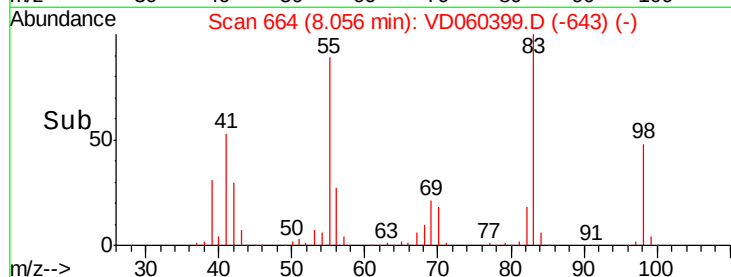
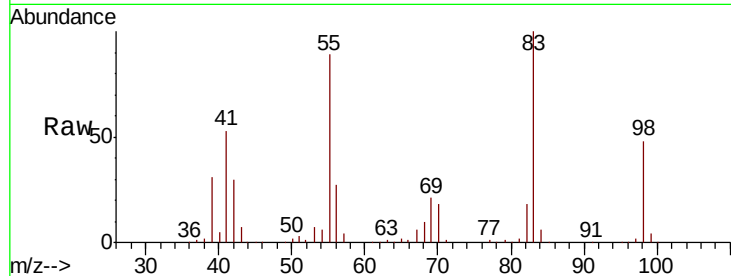




#39
Methylcyclohexane
Concen: 47.089 ug/l
RT: 8.06 min Scan# 664
Delta R.T. 0.01 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

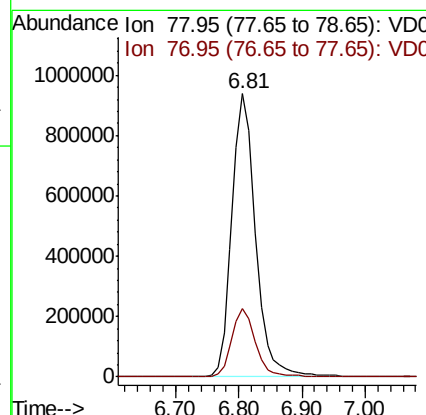
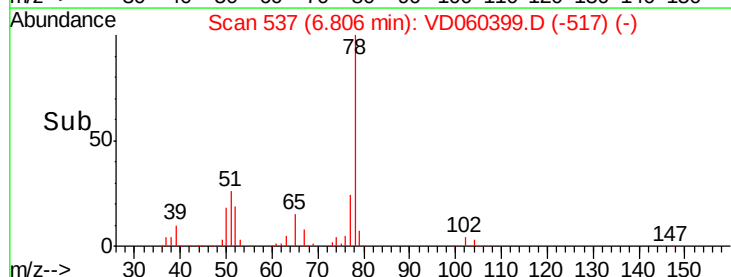
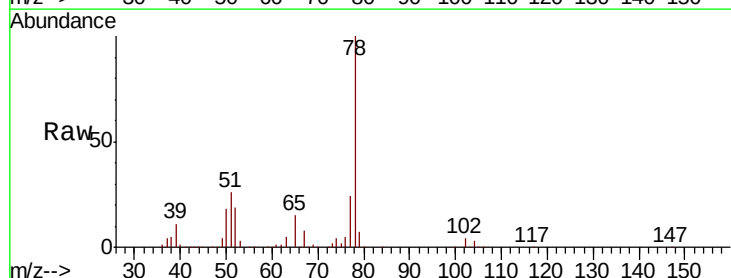
Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

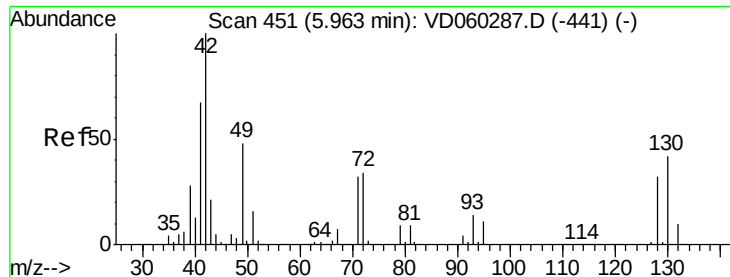
Tot Ion: 83 Resp: 993214
Ion Ratio Lower Upper
83 100
55 89.5 71.2 106.8
98 48.5 38.4 57.6



#40
Benzene
Concen: 52.183 ug/l
RT: 6.81 min Scan# 537
Delta R.T. -0.00 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

Tgt Ion: 78 Resp: 2442726
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2





#41

Methacrylonitrile

Concen: 47.299 ug/l

RT: 5.96 min Scan# 451

Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

FDSB-05(25-27)MSD

Tot Ion: 41 Resp: 456831

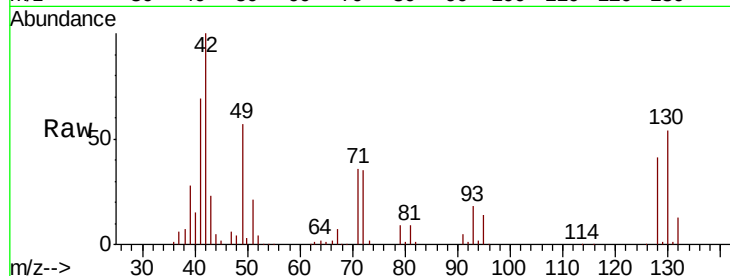
Ion Ratio Lower Upper

41 100

39 40.5 36.2 54.2

67 10.3 11.9 17.9#

52 5.2 5.2 7.8#

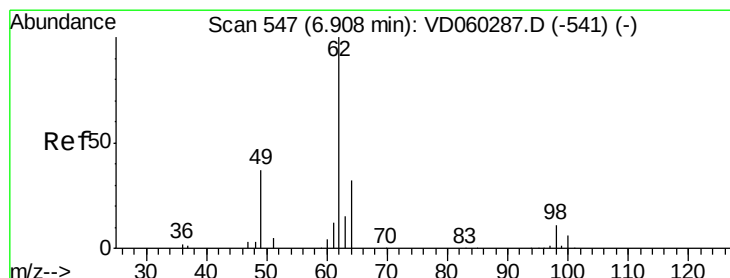
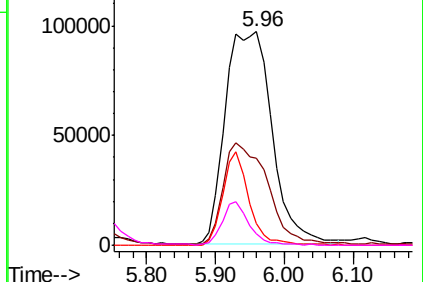
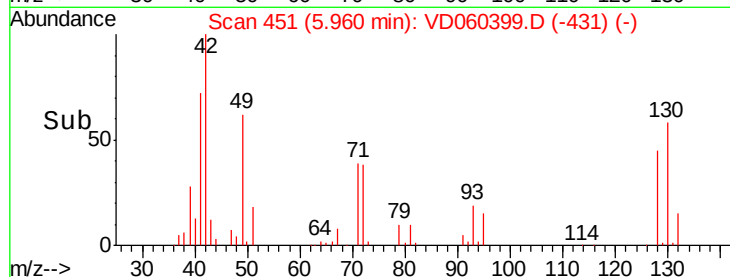


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 50.357 ug/l

RT: 6.90 min Scan# 547

Delta R.T. -0.00 min

Lab File: VD060399.D

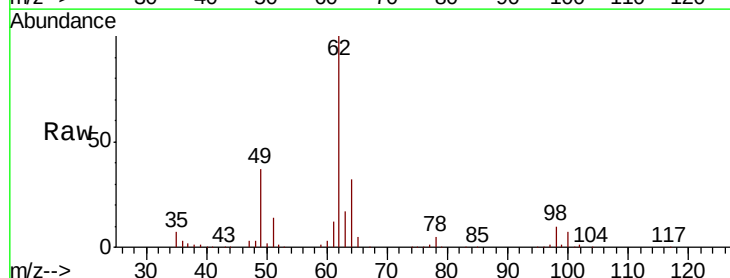
Acq: 16 Nov 2018 15:42

Tgt Ion: 62 Resp: 616994

Ion Ratio Lower Upper

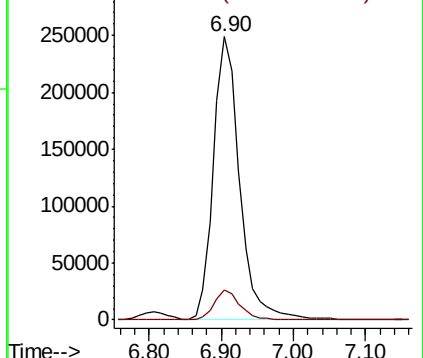
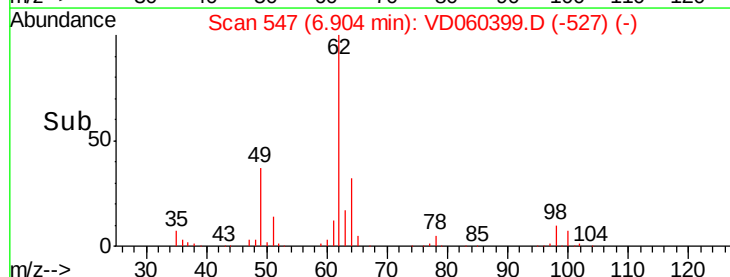
62 100

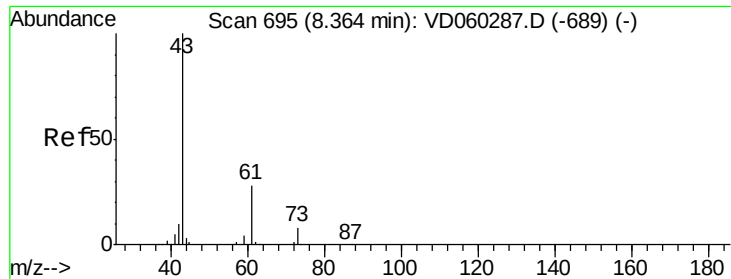
98 10.5 0.0 22.0



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 49.060 ug/l

RT: 8.36 min Scan# 695

Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

FDSB-05(25-27)MSD

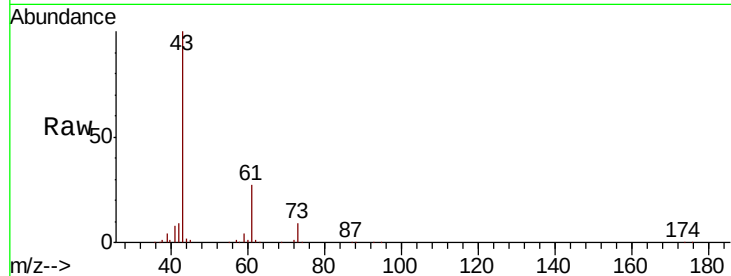
Tot Ion: 43 Resp: 520033

Ion Ratio Lower Upper

43 100

61 27.1 22.3 33.5

87 0.3 0.2 0.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC

8.36

250000

200000

150000

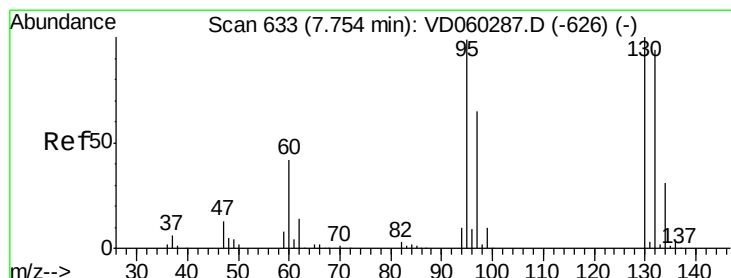
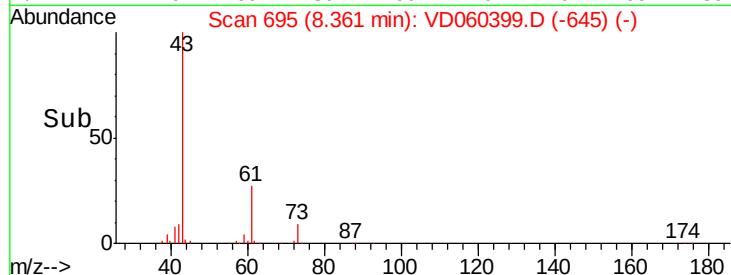
100000

50000

0

8.20 8.30 8.40 8.50 8.60

Time-->



#44

Trichloroethene

Concen: 55.667 ug/l

RT: 7.75 min Scan# 633

Delta R.T. -0.00 min

Lab File: VD060399.D

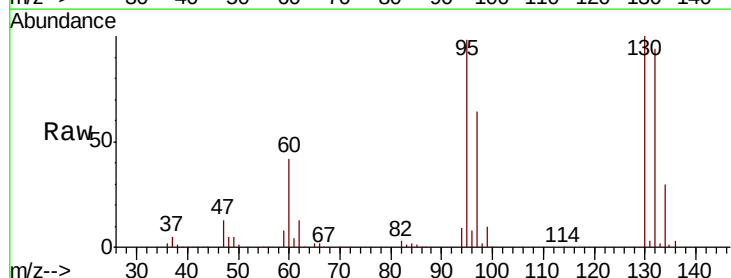
Acq: 16 Nov 2018 15:42

Tgt Ion:130 Resp: 789925

Ion Ratio Lower Upper

130 100

95 97.8 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

7.75

300000

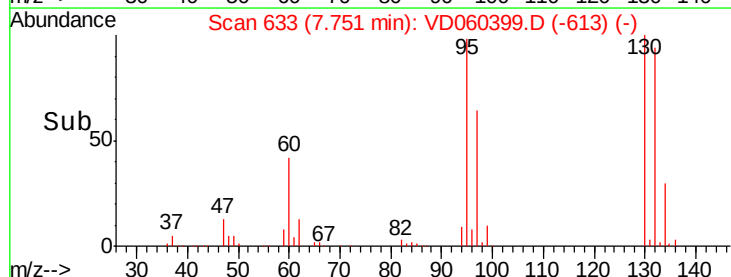
200000

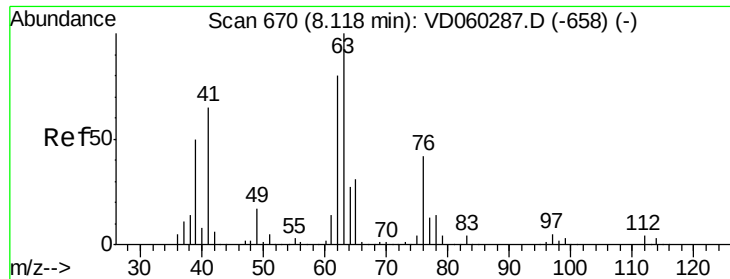
100000

0

7.60 7.70 7.80 7.90

Time-->

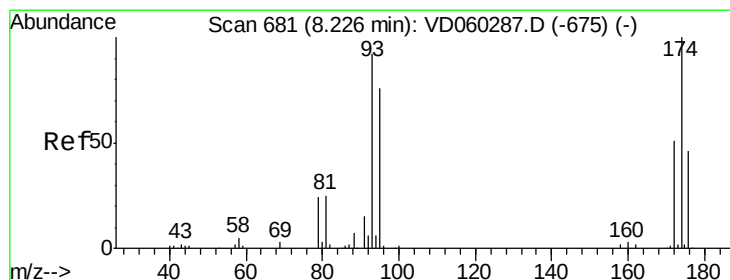
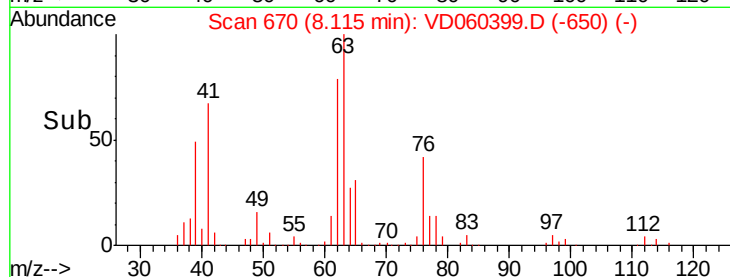
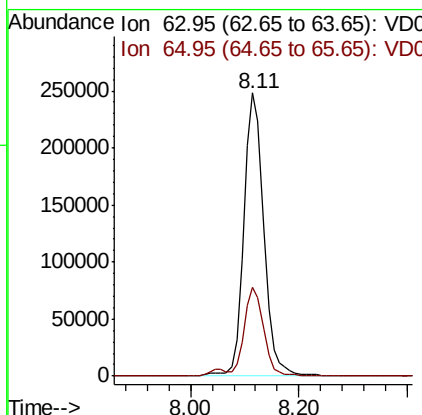
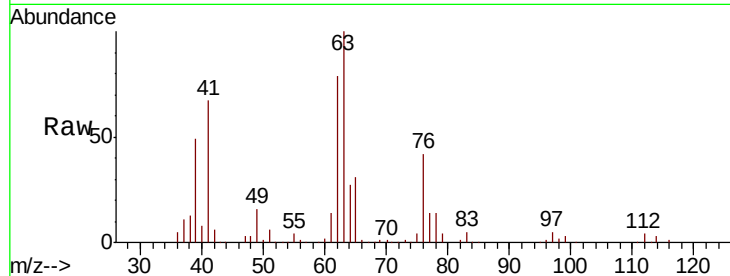




#45
 1,2-Dichloropropane
 Concen: 53.730 ug/l
 RT: 8.11 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

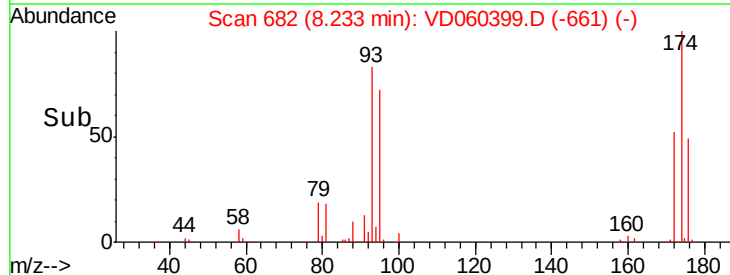
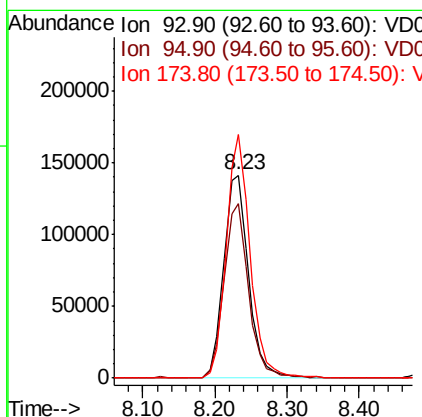
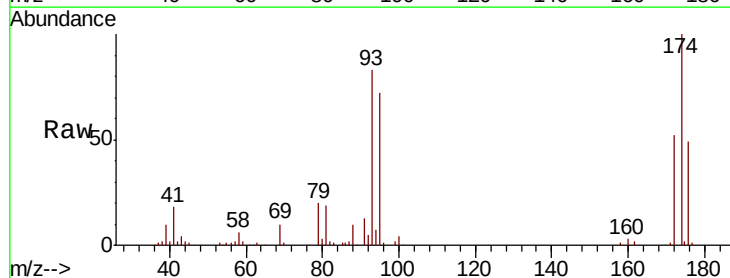
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

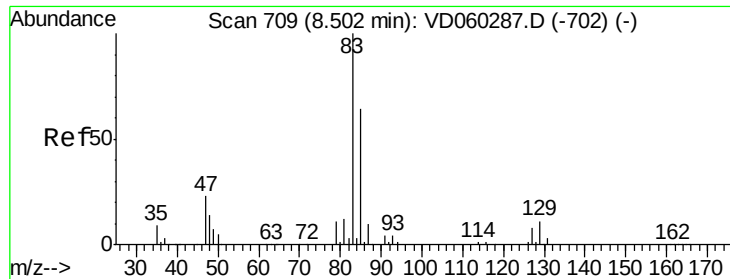
Tot Ion: 63 Resp: 634324
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.4 35.2



#46
 Dibromomethane
 Concen: 48.745 ug/l
 RT: 8.23 min Scan# 682
 Delta R.T. 0.01 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

Tgt Ion: 93 Resp: 337044
 Ion Ratio Lower Upper
 93 100
 95 86.0 66.4 99.6
 174 119.9 87.8 131.8





#47

Bromodichloromethane

Concen: 49.564 ug/l

RT: 8.50 min Scan# 709

Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

FDSB-05(25-27)MSD

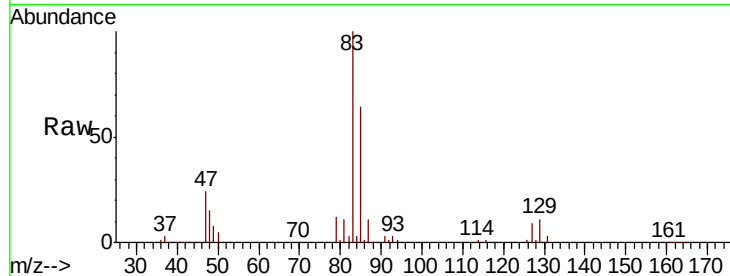
Tot Ion: 83 Resp: 807581

Ion Ratio Lower Upper

83 100

85 64.5 51.0 76.6

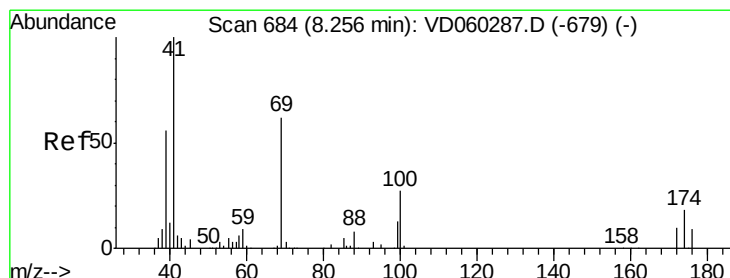
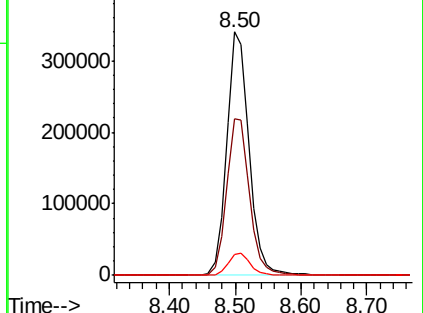
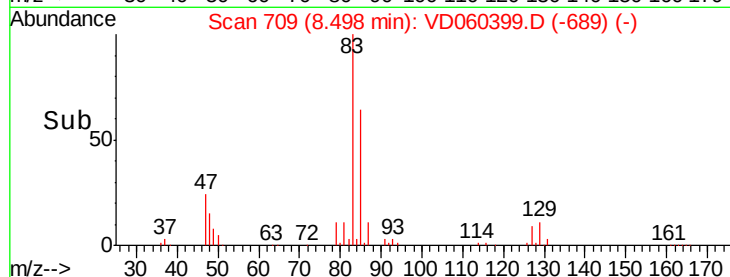
127 8.6 6.2 9.4



Abundance Ion 82.85 (82.55 to 83.55): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 48.681 ug/l

RT: 8.25 min Scan# 684

Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

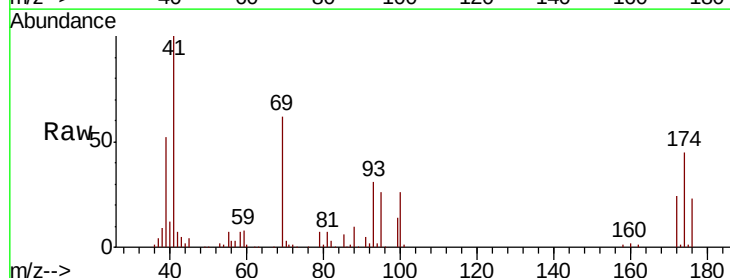
Tgt Ion: 41 Resp: 313437

Ion Ratio Lower Upper

41 100

69 62.1 47.0 70.4

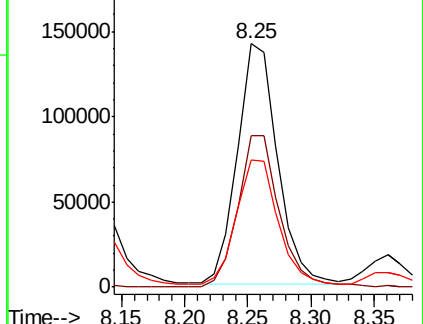
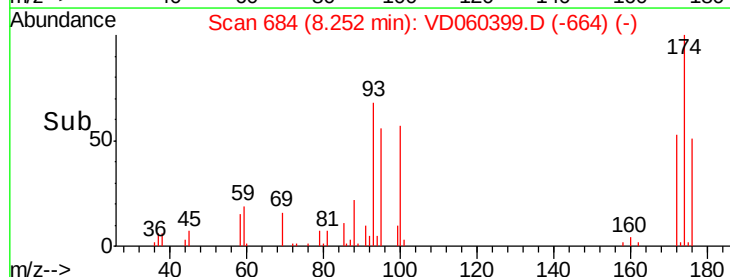
39 52.1 46.2 69.4

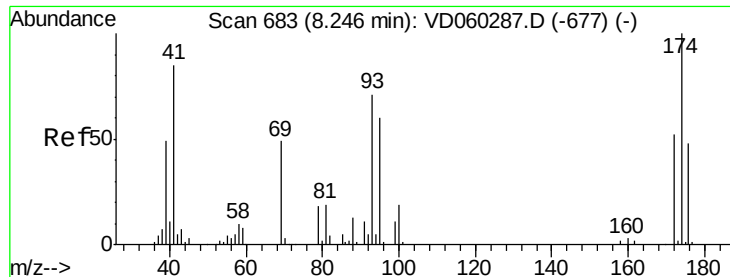


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC





#49

1,4-Dioxane

Concen: 1052.215 ug/l

RT: 8.23 min Scan# 682

Delta R.T. -0.01 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

FDSB-05(25-27)MSD

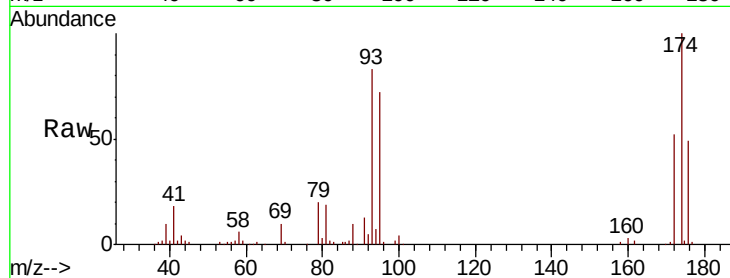
Tot Ion: 88 Resp: 58618

Ion Ratio Lower Upper

88 100

43 36.8 39.7 59.5#

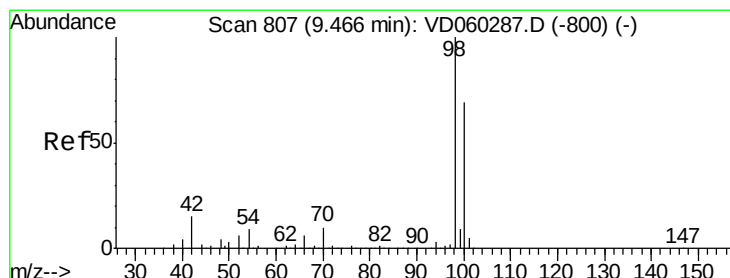
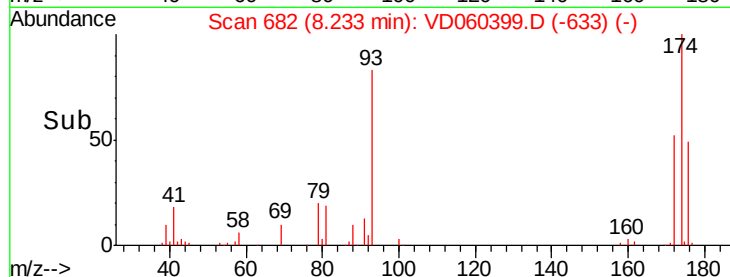
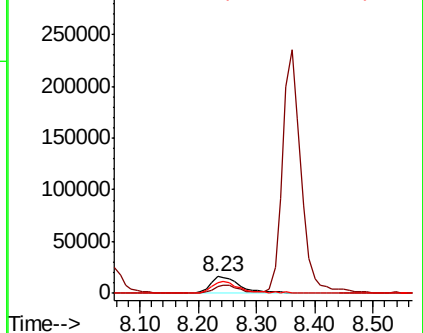
58 61.6 60.2 90.2



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 1052.215 ug/l

RT: 9.47 min Scan# 808

Delta R.T. 0.01 min

Lab File: VD060399.D

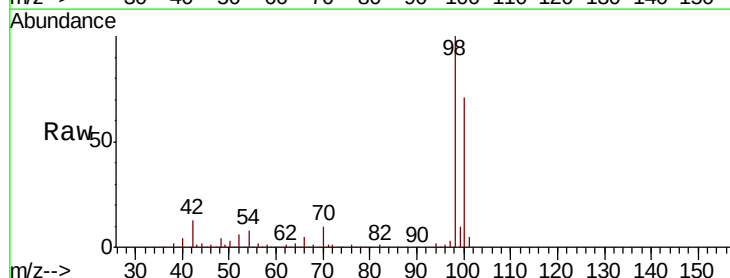
Acq: 16 Nov 2018 15:42

Tgt Ion: 98 Resp: 1872416

Ion Ratio Lower Upper

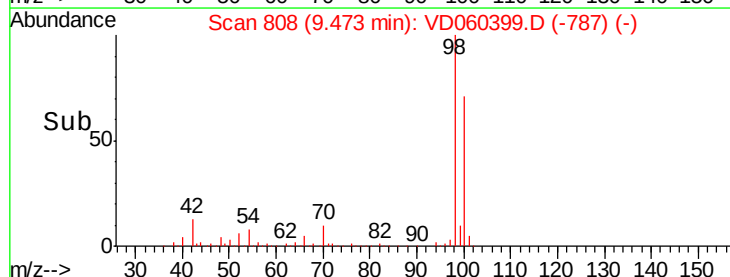
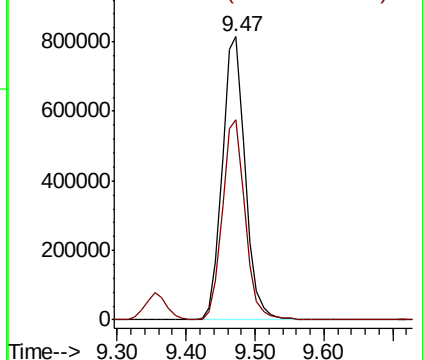
98 100

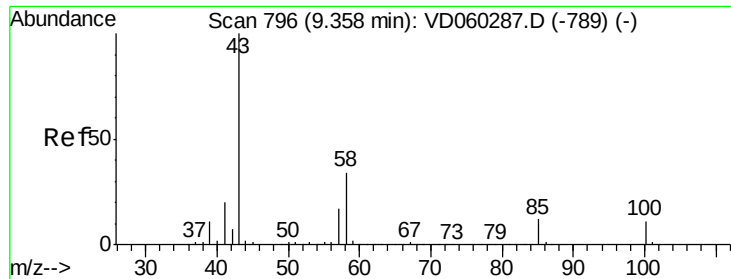
100 70.5 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 238.928 ug/l

RT: 9.35 min Scan# 796

Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

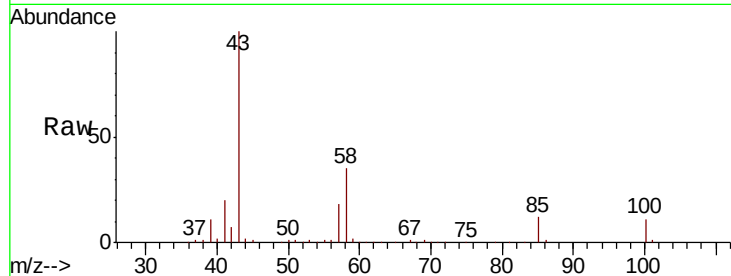
FDSB-05(25-27)MSD

Tot Ion: 43 Resp: 1648388

Ion Ratio Lower Upper

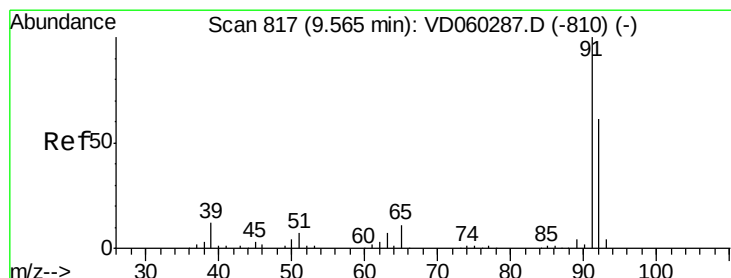
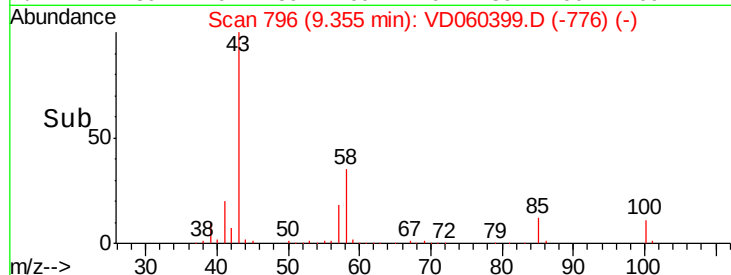
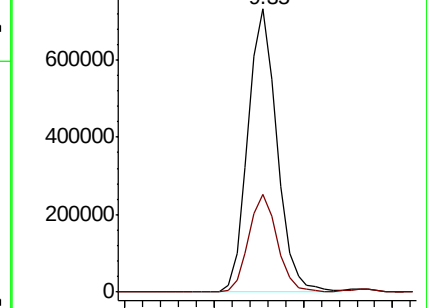
43 100

58 34.7 26.1 39.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 52.329 ug/l

RT: 9.56 min Scan# 817

Delta R.T. -0.00 min

Lab File: VD060399.D

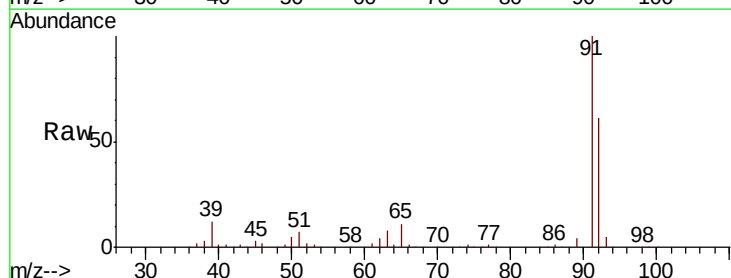
Acq: 16 Nov 2018 15:42

Tgt Ion: 92 Resp: 1564751

Ion Ratio Lower Upper

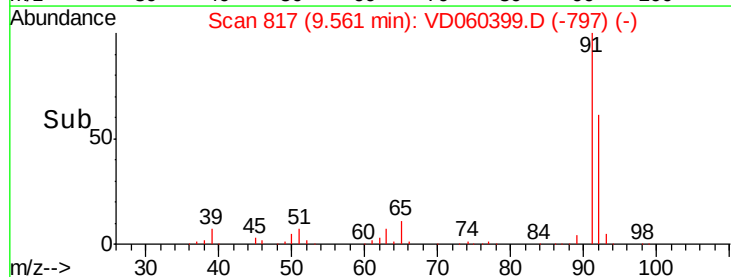
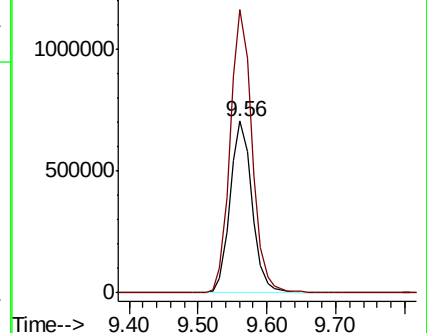
92 100

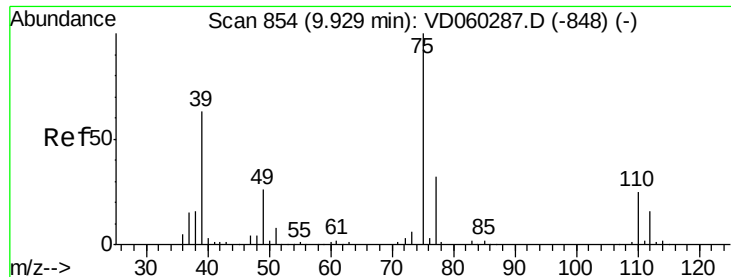
91 164.8 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 50.546 ug/l

RT: 9.94 min Scan# 855

Delta R.T. 0.01 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

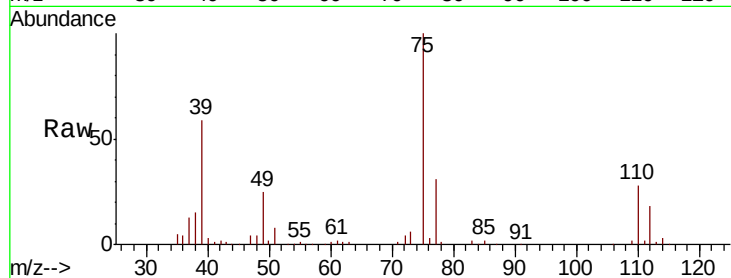
FDSB-05(25-27)MSD

Tot Ion: 75 Resp: 695866

Ion Ratio Lower Upper

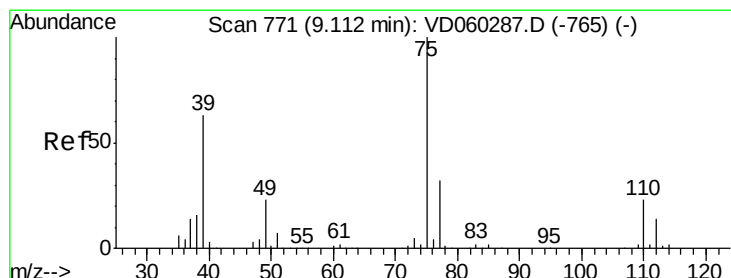
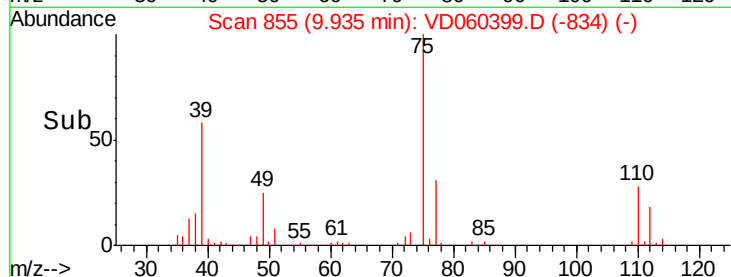
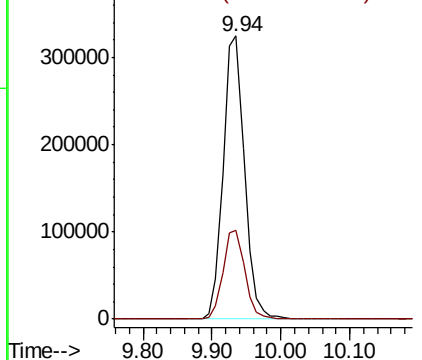
75 100

77 31.3 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 50.771 ug/l

RT: 9.12 min Scan# 772

Delta R.T. 0.01 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

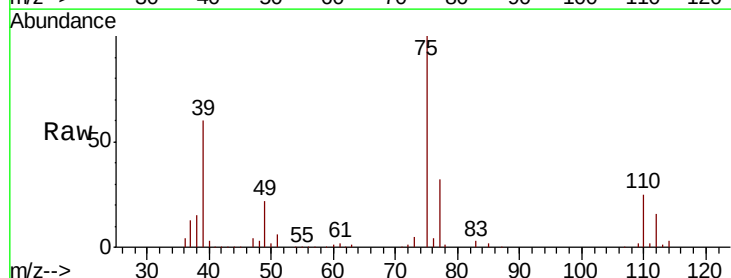
Tgt Ion: 75 Resp: 896482

Ion Ratio Lower Upper

75 100

77 31.7 26.3 39.5

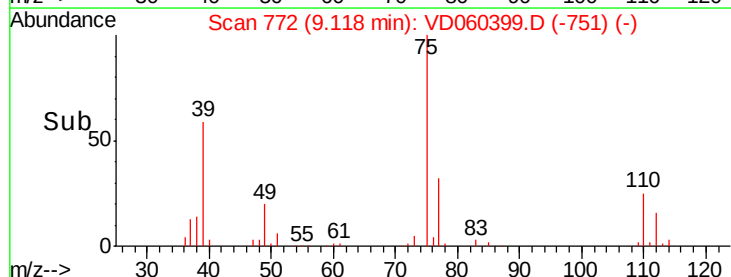
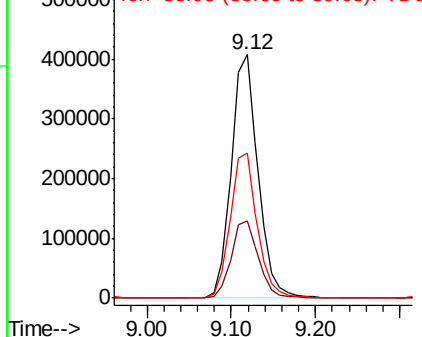
39 59.7 50.8 76.2

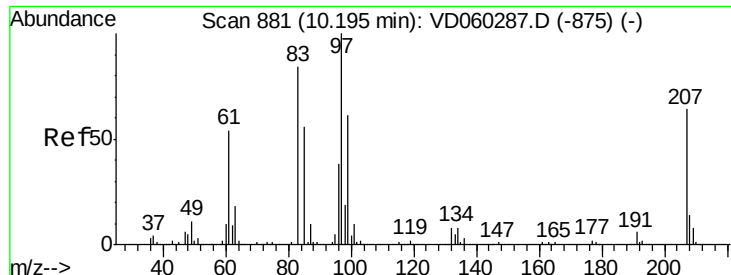


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

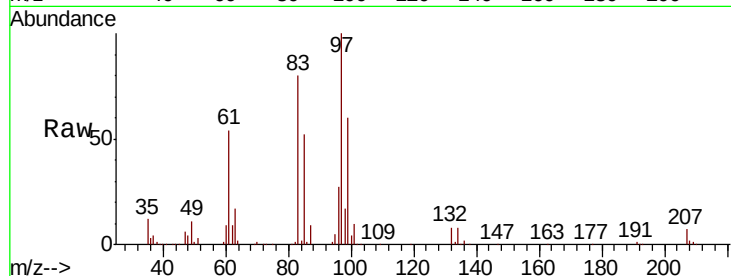




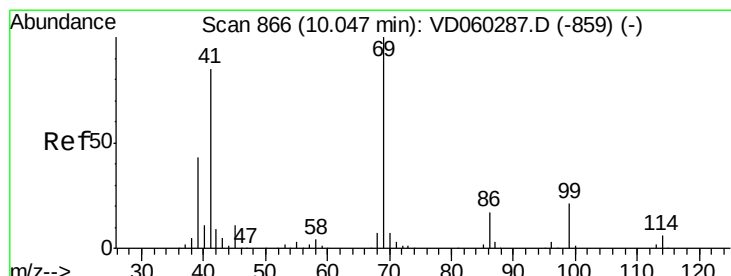
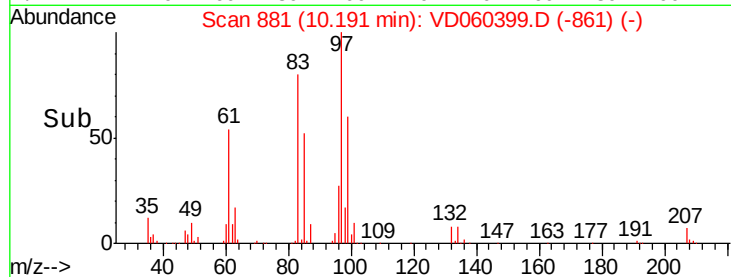
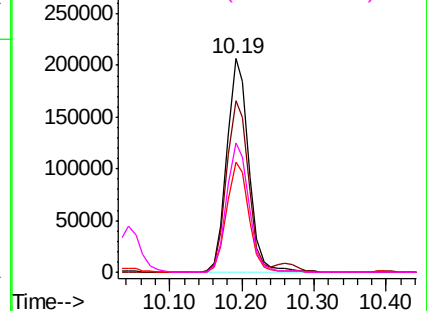
#55
 1,1,2-Trichloroethane
 Concen: 49.920 ug/l
 RT: 10.19 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

Tot Ion:	97	Resp:	432645
Ion	Ratio	Lower	Upper
97	100		
83	80.3	68.4	102.6
85	51.6	46.8	70.2
99	60.4	49.5	74.3

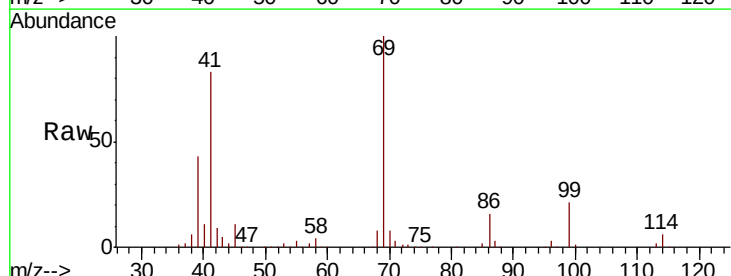


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

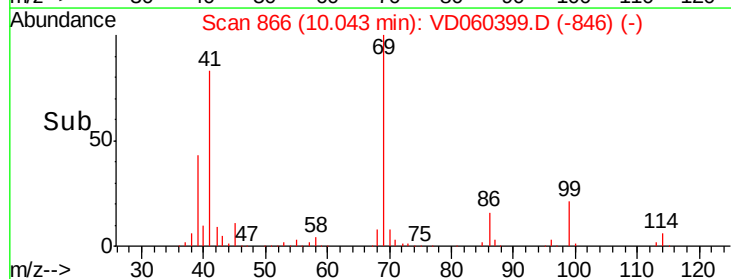
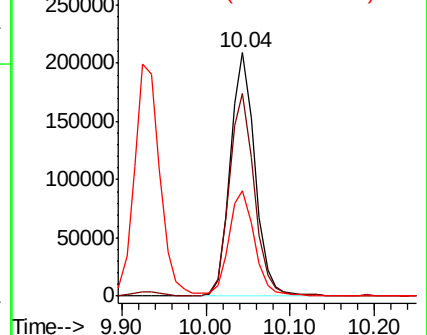


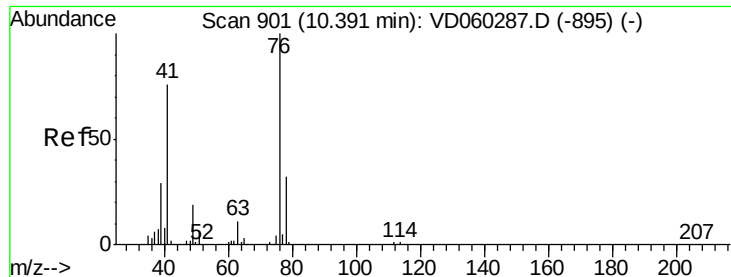
#56
 Ethyl methacrylate
 Concen: 53.407 ug/l
 RT: 10.04 min Scan# 866
 Delta R.T. -0.00 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

Tgt Ion:	69	Resp:	425579
Ion	Ratio	Lower	Upper
69	100		
41	83.3	69.0	103.4
39	43.3	36.6	54.8



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.05 (40.75 to 41.75): VDC
 Ion 38.95 (38.65 to 39.65): VDC

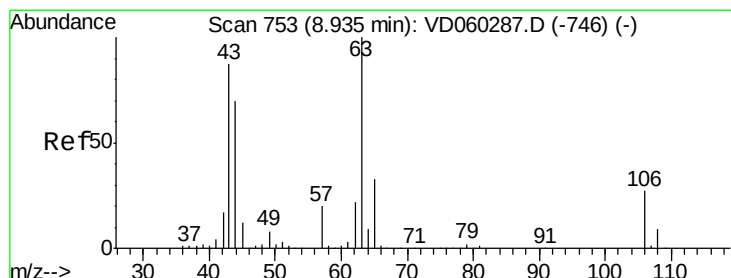
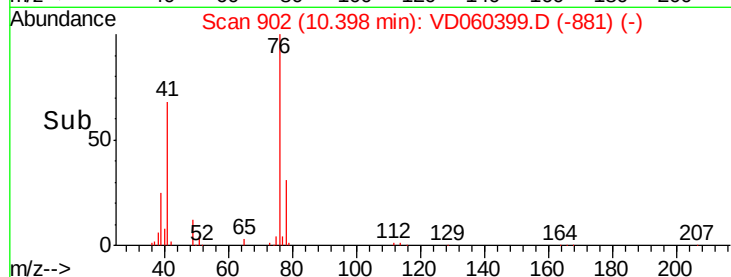
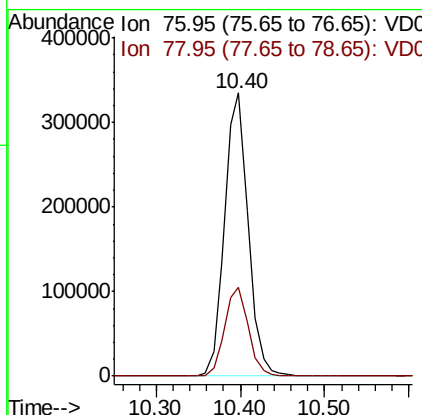
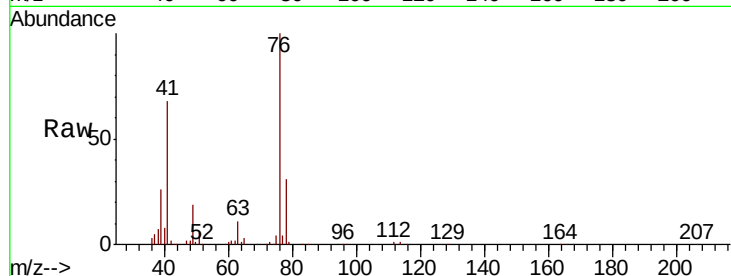




#57
 1,3-Dichloropropane
 Concen: 49.219 ug/l
 RT: 10.40 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

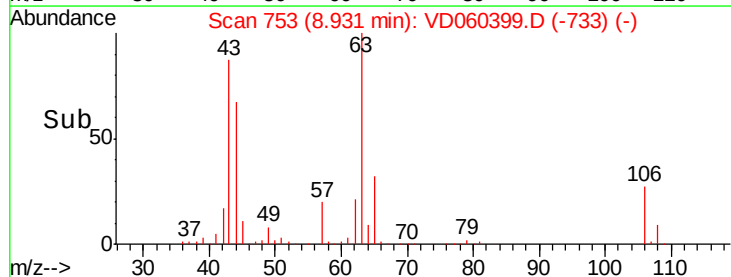
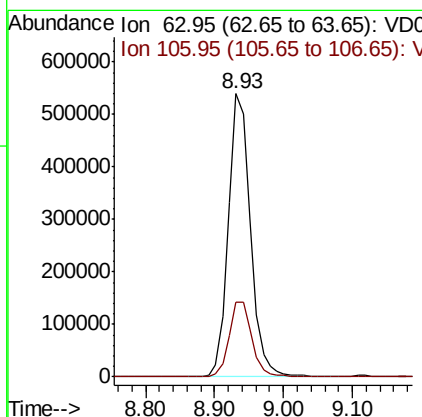
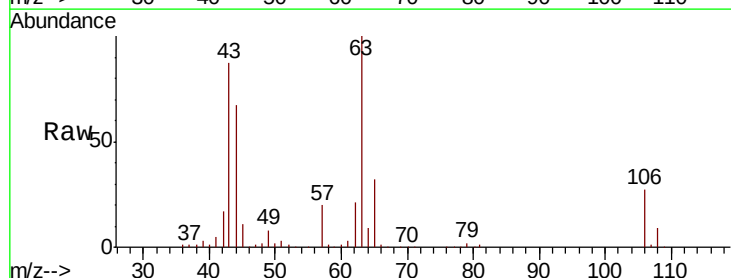
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

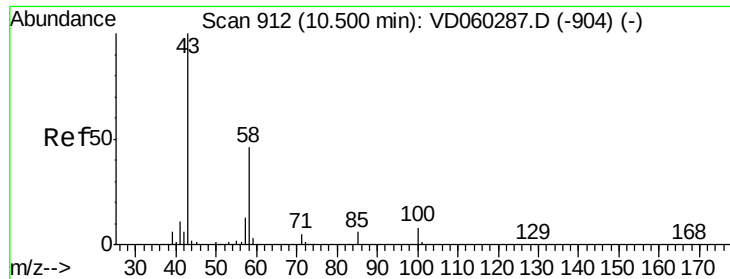
Tot Ion: 76 Resp: 649998
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.637 ug/l
 RT: 8.93 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

Tgt Ion: 63 Resp: 1197989
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.5 32.3

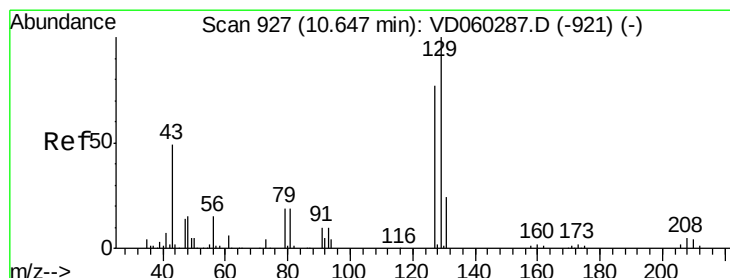
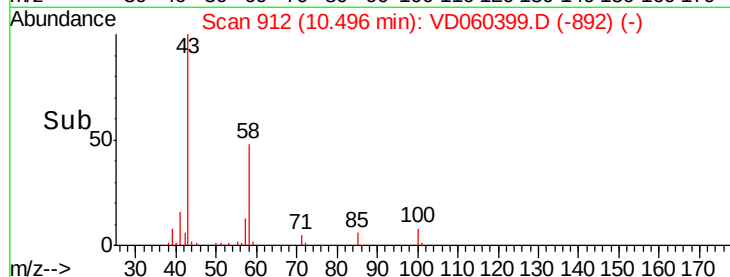
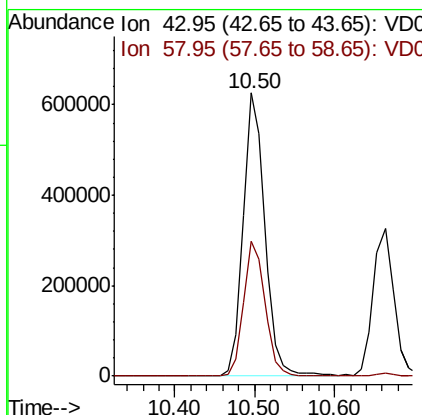
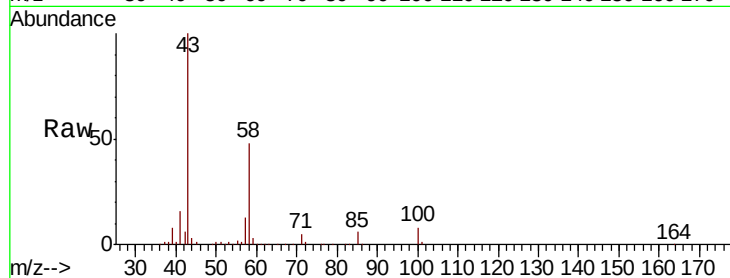




#59
2-Hexanone
Concen: 238.832 ug/l
RT: 10.50 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

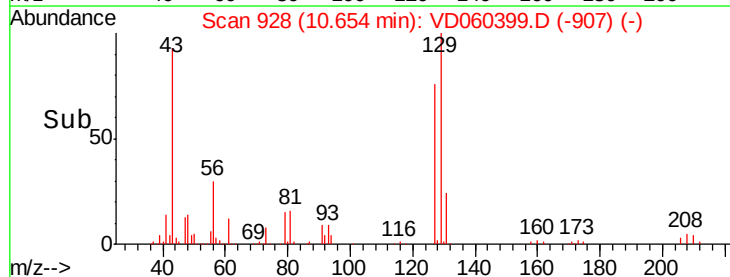
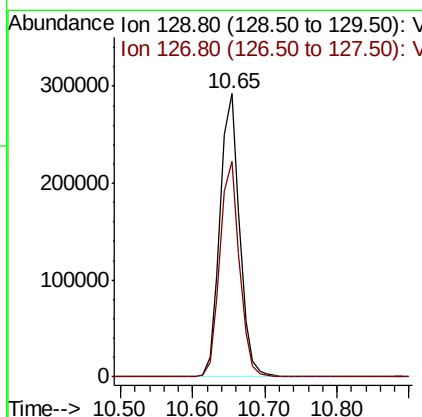
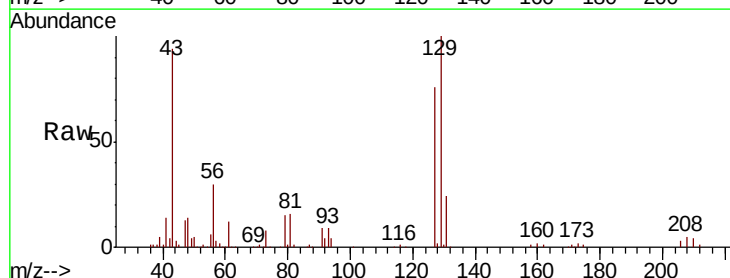
Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

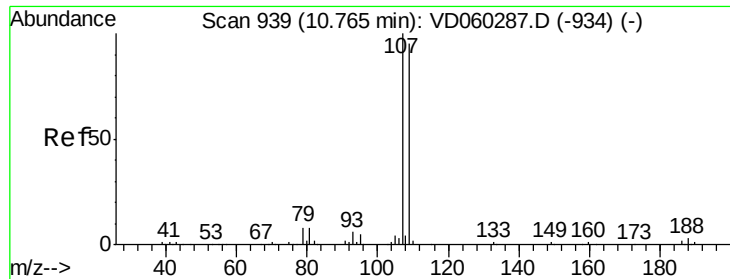
Tot Ion: 43 Resp: 1174399
Ion Ratio Lower Upper
43 100
58 47.5 22.9 68.5



#60
Dibromochloromethane
Concen: 51.957 ug/l
RT: 10.65 min Scan# 928
Delta R.T. 0.01 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

Tgt Ion:129 Resp: 547378
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.6

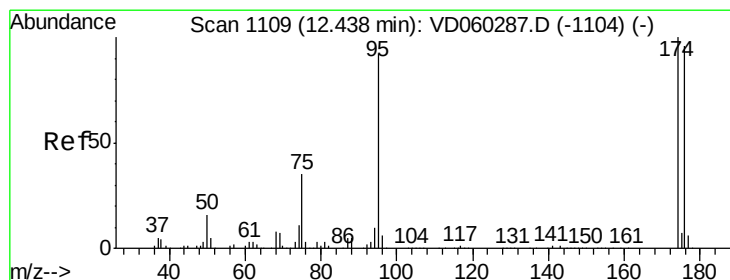
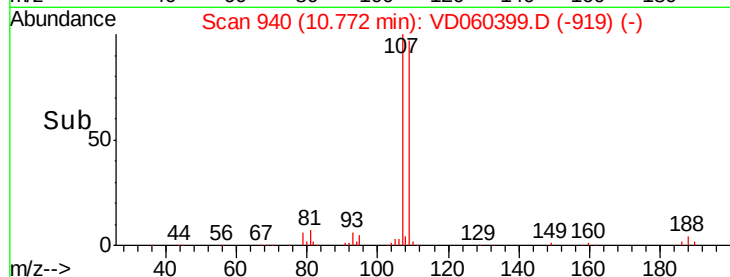
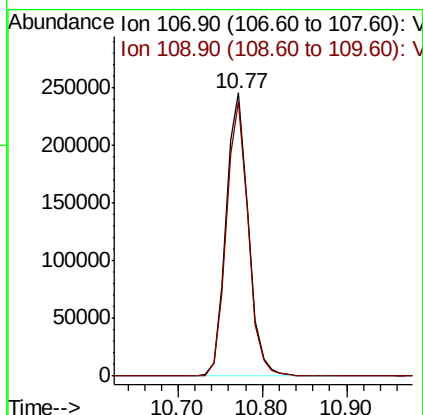
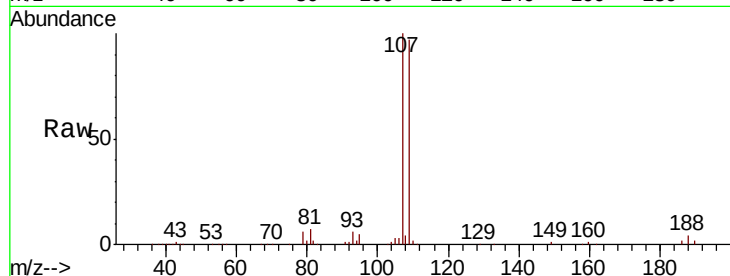




#61
 1,2-Dibromoethane
 Concen: 51.984 ug/l
 RT: 10.77 min Scan# 940
 Delta R.T. 0.01 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

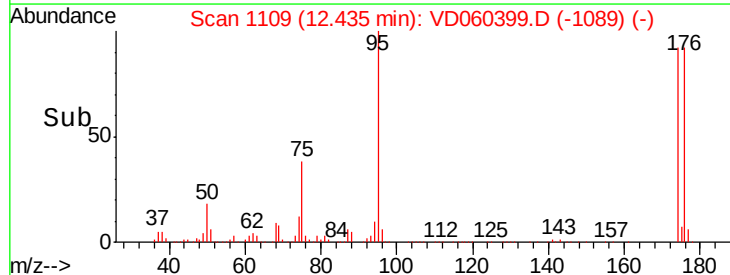
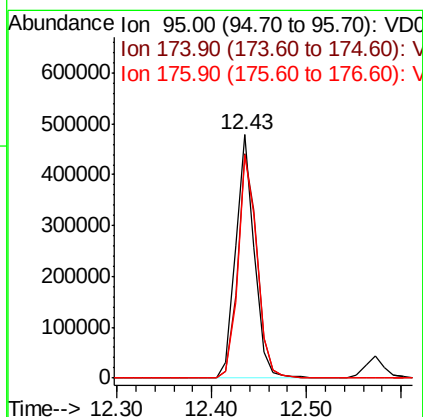
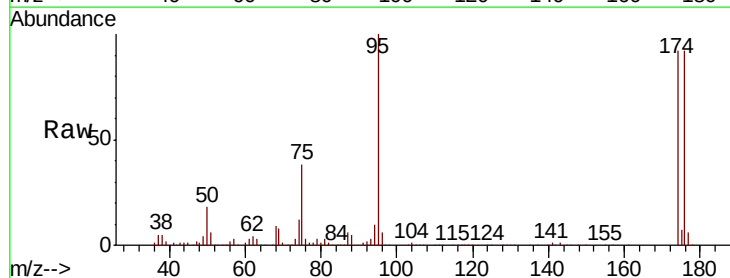
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

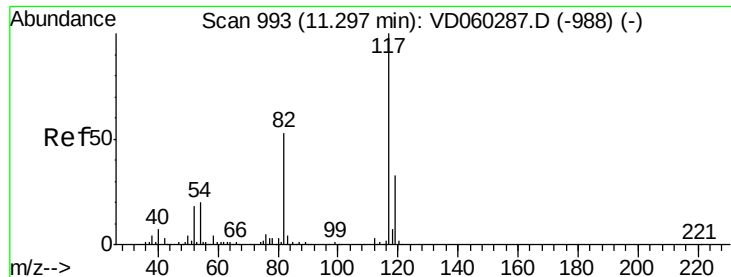
Tot Ion:107 Resp: 451404
 Ion Ratio Lower Upper
 107 100
 109 96.8 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 51.984 ug/l
 RT: 12.43 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

Tgt Ion: 95 Resp: 657462
 Ion Ratio Lower Upper
 95 100
 174 92.4 0.0 160.8
 176 91.9 0.0 154.6

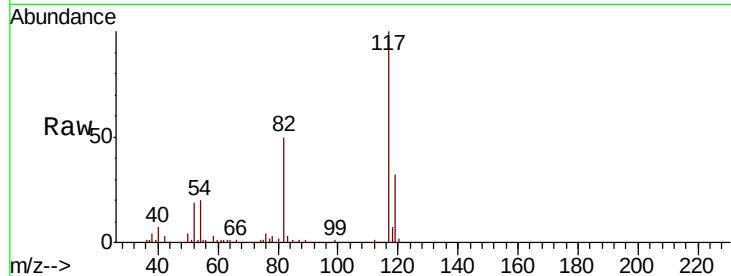




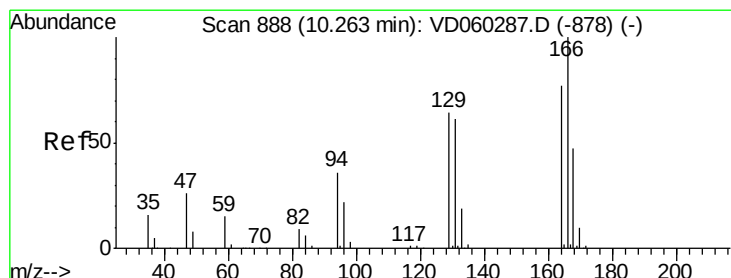
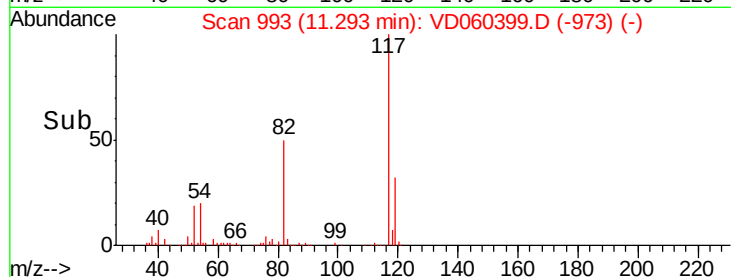
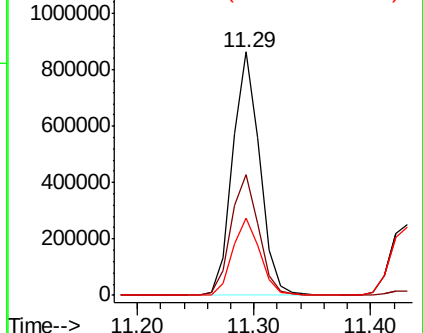
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. -0.00 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion:117 Resp: 1393598
Ion Ratio Lower Upper
117 100
82 49.7 43.7 65.5
119 31.8 26.1 39.1

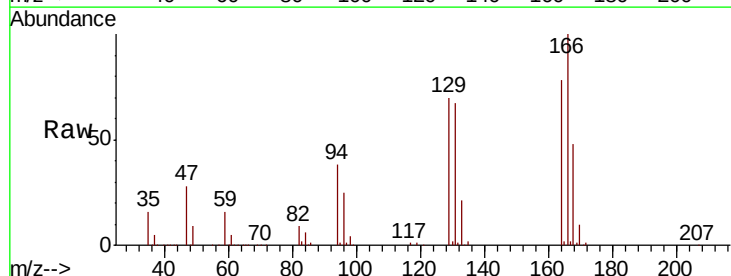


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VD
Ion 118.95 (118.65 to 119.65): V

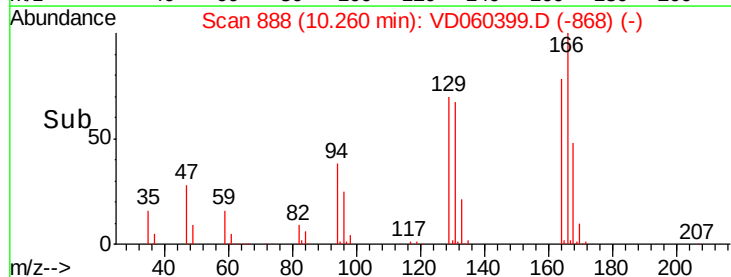
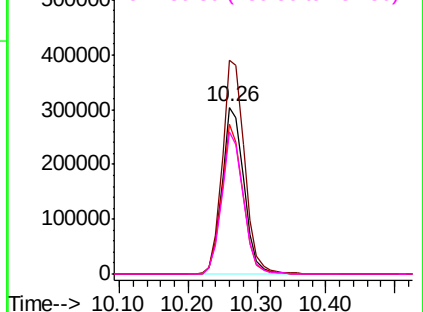


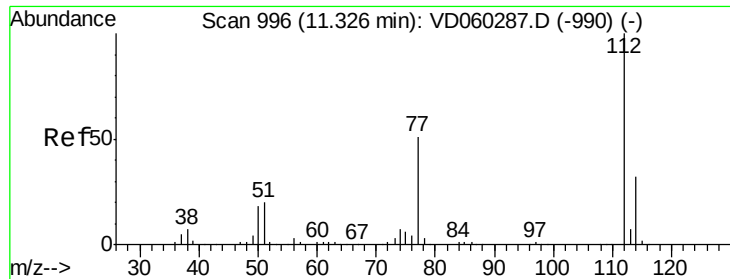
#64
Tetrachloroethene
Concen: 53.665 ug/l
RT: 10.26 min Scan# 888
Delta R.T. -0.00 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

Tgt Ion:164 Resp: 667651
Ion Ratio Lower Upper
164 100
166 128.0 103.7 155.5
129 89.5 65.6 98.4
131 85.2 64.4 96.6



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

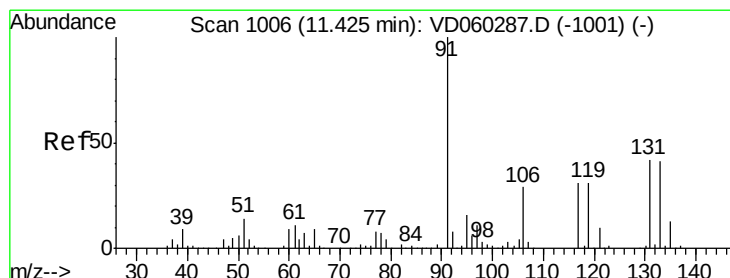
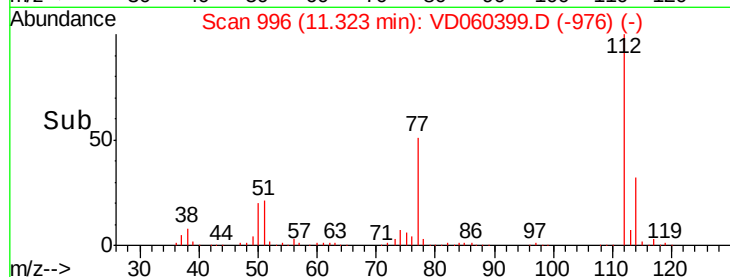
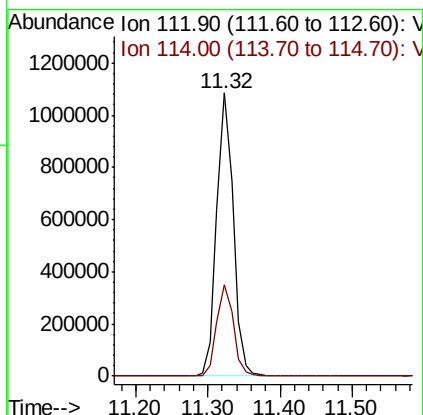
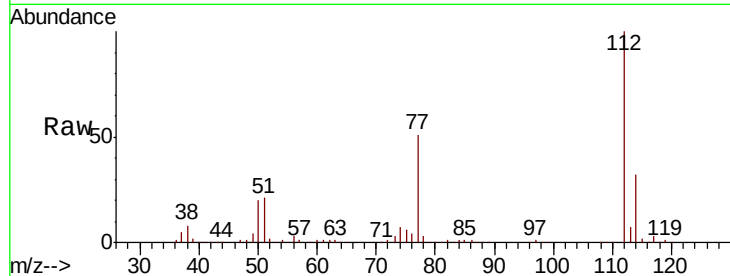




#65
Chlorobenzene
Concen: 56.776 ug/l
RT: 11.32 min Scan# 996
Delta R.T. -0.00 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

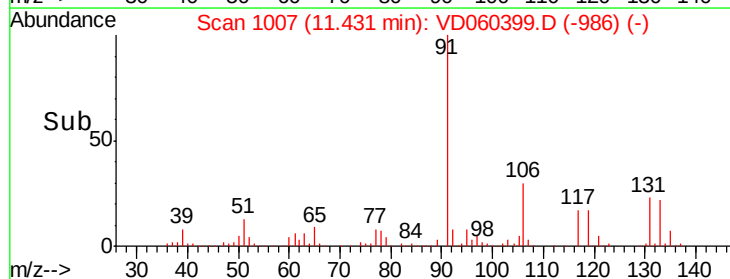
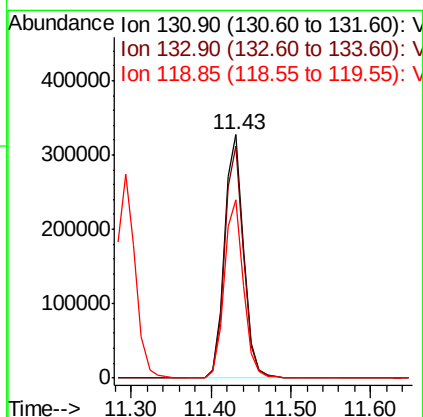
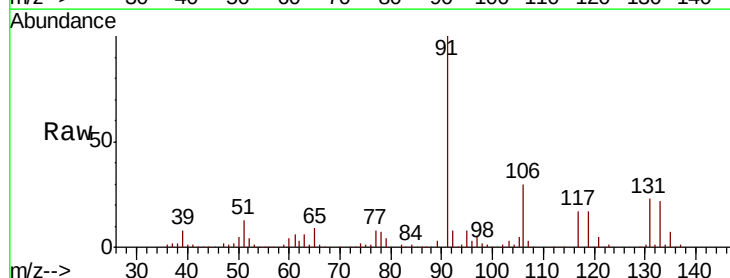
Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

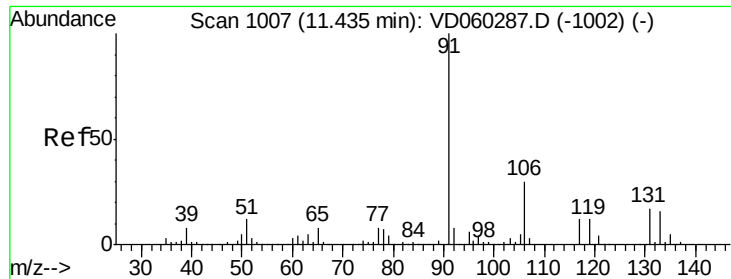
Tot Ion:112 Resp: 1714371
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 56.205 ug/l
RT: 11.43 min Scan# 1007
Delta R.T. 0.01 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

Tgt Ion:131 Resp: 555288
Ion Ratio Lower Upper
131 100
133 95.3 50.0 150.0
119 73.4 37.0 111.1

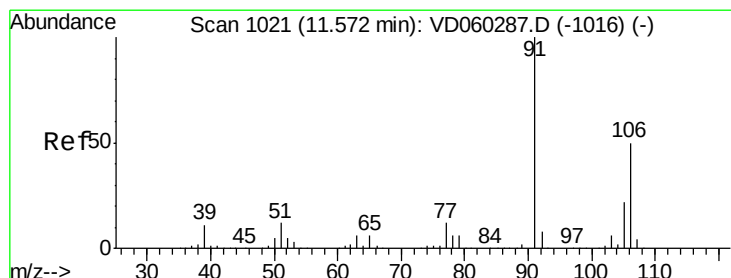
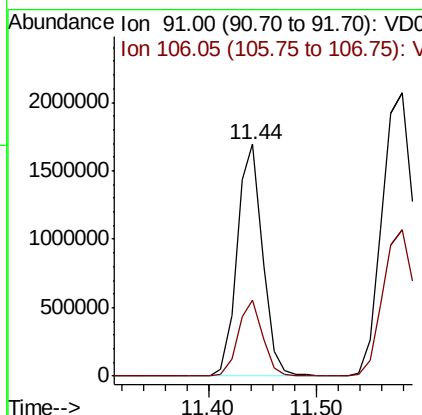
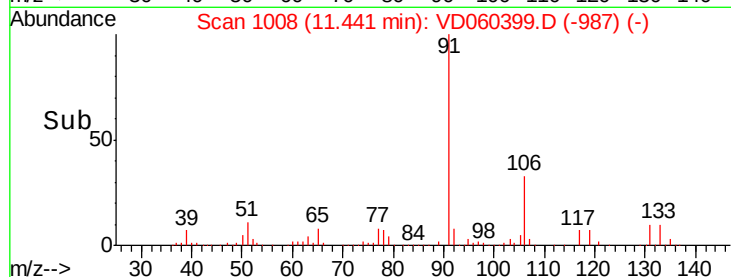
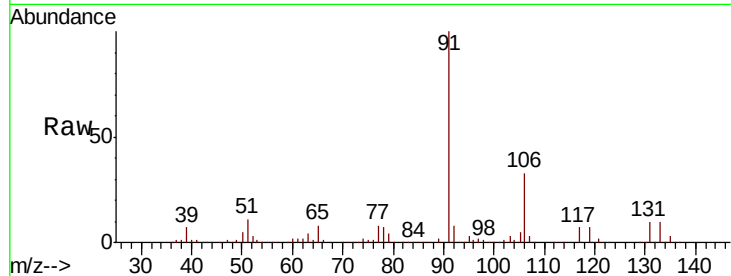




#67
Ethyl Benzene
Concen: 53.583 ug/l
RT: 11.44 min Scan# 1008
Delta R.T. 0.01 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

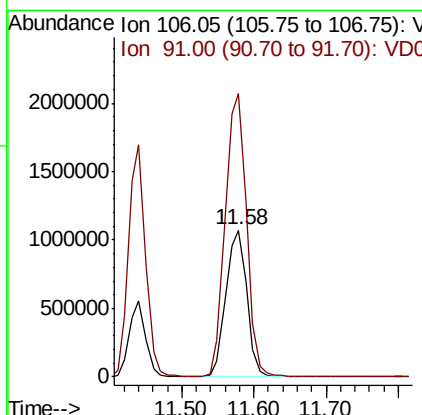
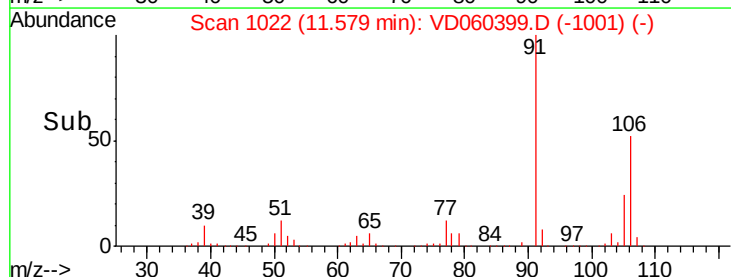
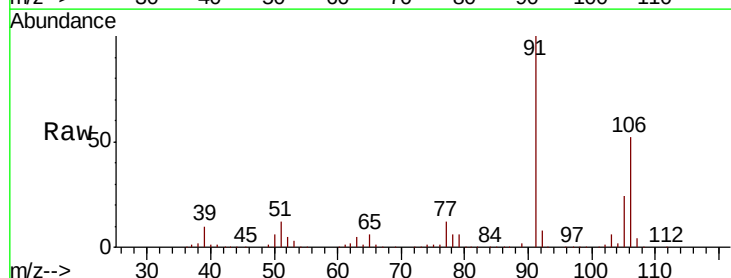
Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

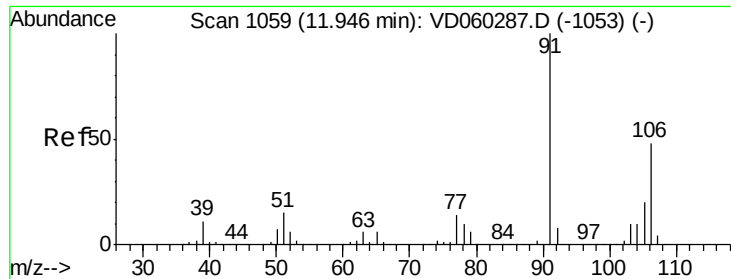
Tot Ion: 91 Resp: 2767764
Ion Ratio Lower Upper
91 100
106 32.7 24.6 36.8



#68
m/p-Xylenes
Concen: 112.982 ug/l
RT: 11.58 min Scan# 1022
Delta R.T. 0.01 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

Tgt Ion:106 Resp: 2152766
Ion Ratio Lower Upper
106 100
91 192.9 159.4 239.2

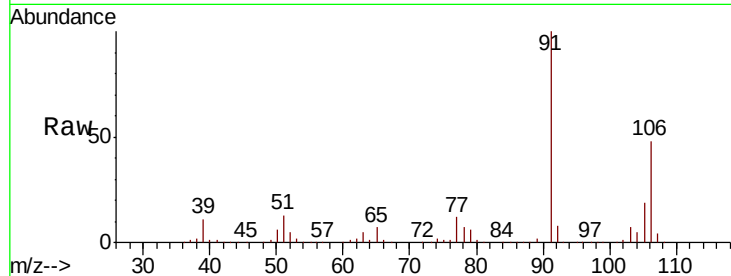




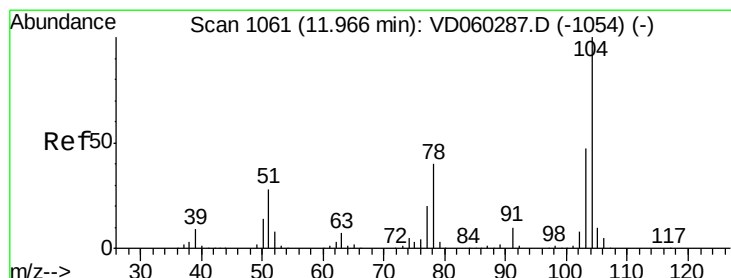
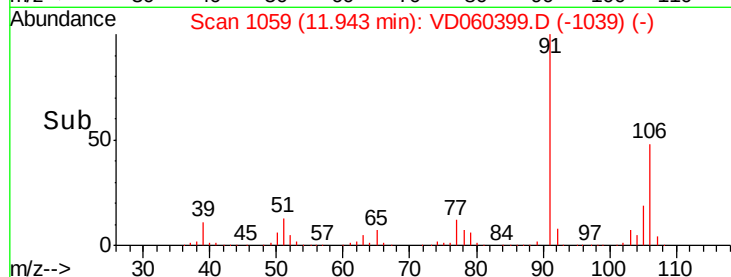
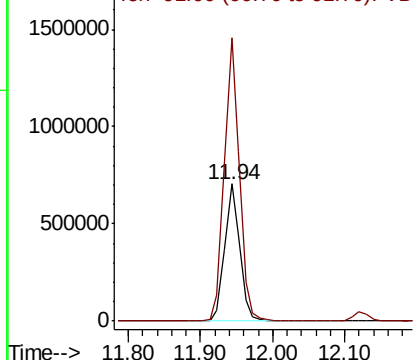
#69
o-Xylene
Concen: 55.322 ug/l
RT: 11.94 min Scan# 1059
Delta R.T. -0.00 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion:106 Resp: 1018372
Ion Ratio Lower Upper
106 100
91 206.3 109.2 327.6

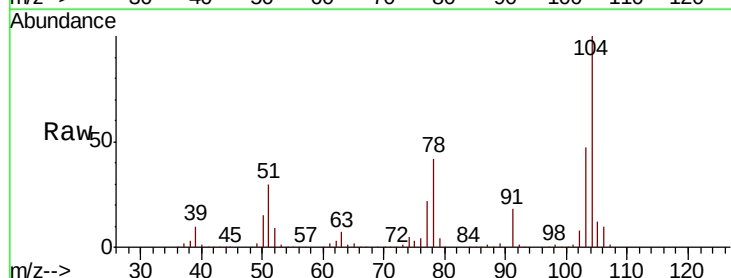


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

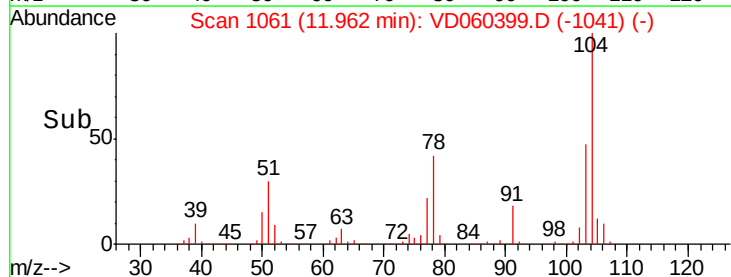
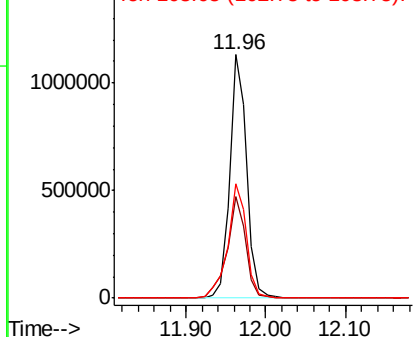


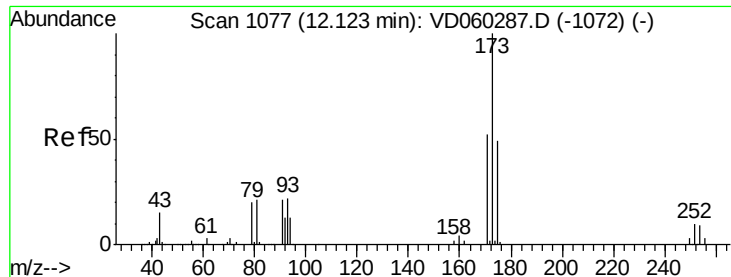
#70
Styrene
Concen: 56.651 ug/l
RT: 11.96 min Scan# 1061
Delta R.T. -0.00 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

Tgt Ion:104 Resp: 1685325
Ion Ratio Lower Upper
104 100
78 41.6 31.6 47.4
103 47.0 37.0 55.6



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): VDC
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 51.056 ug/l

RT: 12.13 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

FDSB-05(25-27)MSD

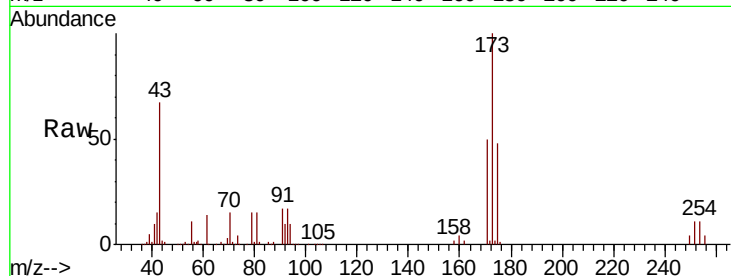
Tot Ion:173 Resp: 338949

Ion Ratio Lower Upper

173 100

175 47.8 24.3 73.0

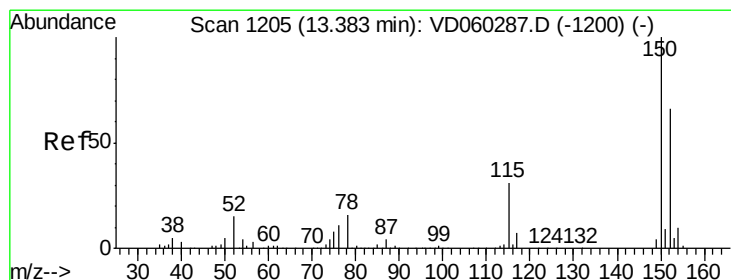
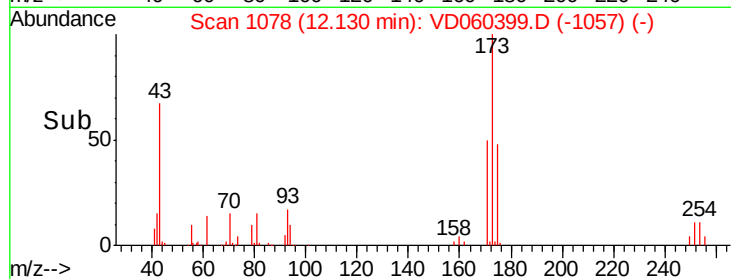
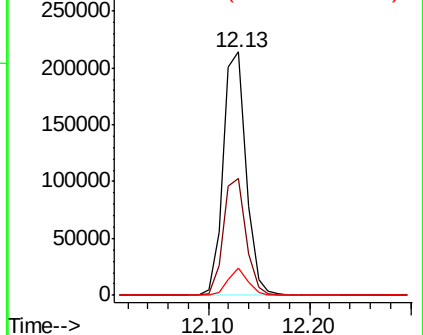
254 11.3 8.3 12.5



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.38 min Scan# 1205

Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

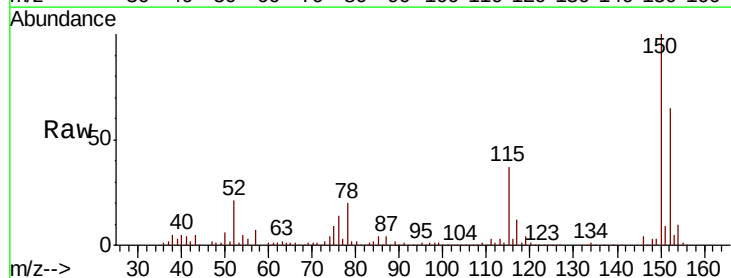
Tgt Ion:152 Resp: 679429

Ion Ratio Lower Upper

152 100

115 57.7 24.1 72.3

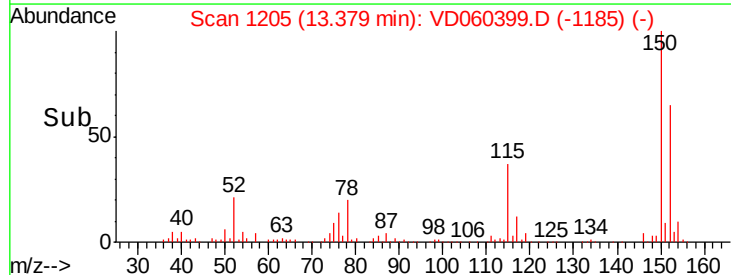
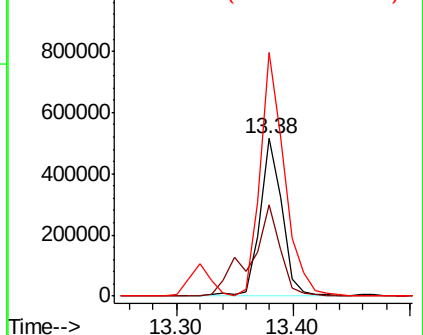
150 154.3 0.0 310.6

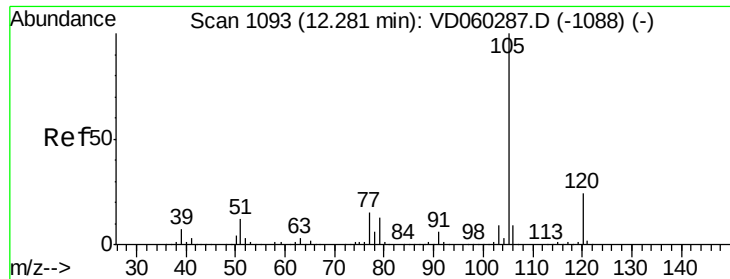


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 57.664 ug/l

RT: 12.29 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

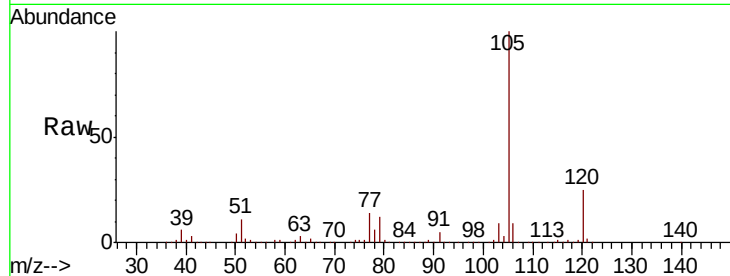
FDSB-05(25-27)MSD

Tot Ion:105 Resp: 2854426

Ion Ratio Lower Upper

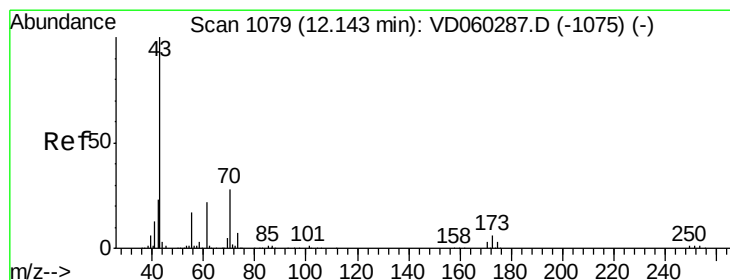
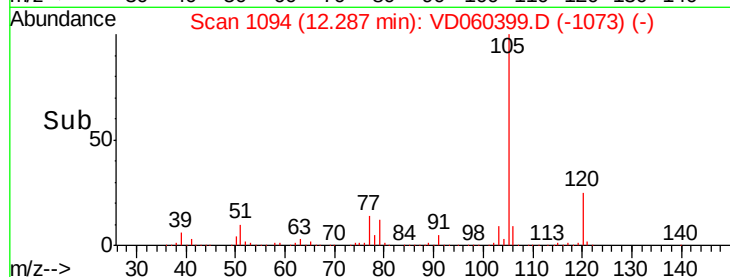
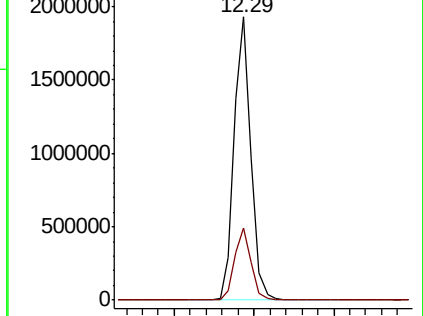
105 100

120 25.4 12.1 36.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 54.338 ug/l

RT: 12.14 min Scan# 1079

Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Tgt Ion: 43 Resp: 689614

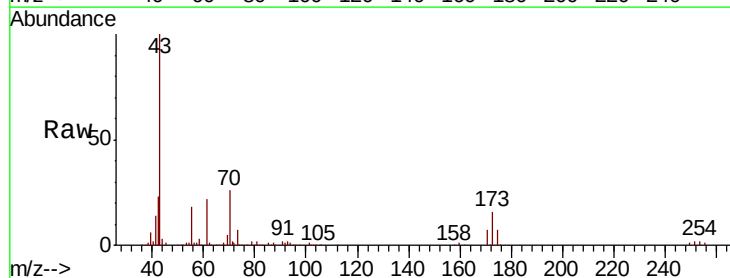
Ion Ratio Lower Upper

43 100

70 26.4 23.0 34.4

55 17.8 14.2 21.4

61 22.3 17.8 26.8

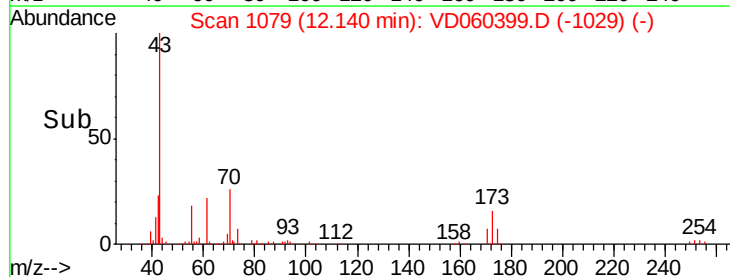
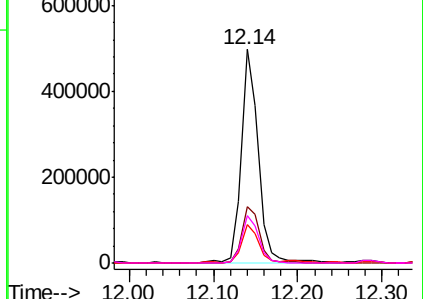


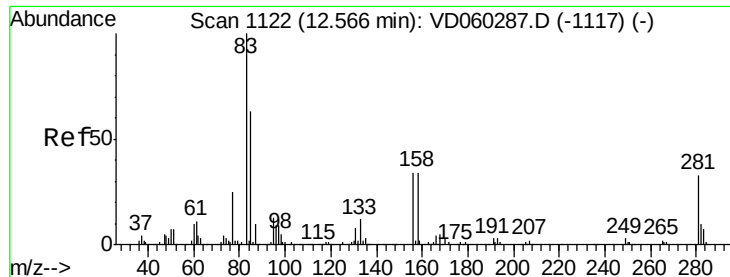
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 51.700 ug/l

RT: 12.57 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

FDSB-05(25-27)MSD

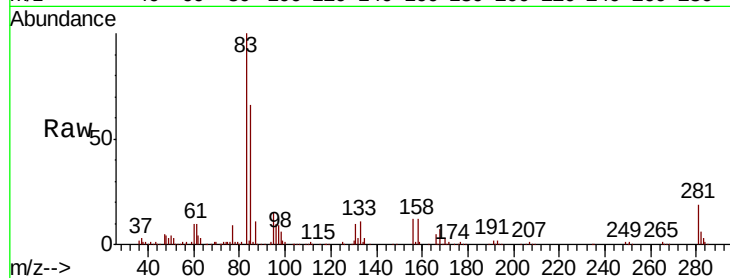
Tot Ion: 83 Resp: 418547

Ion Ratio Lower Upper

83 100

131 10.0 3.9 11.5

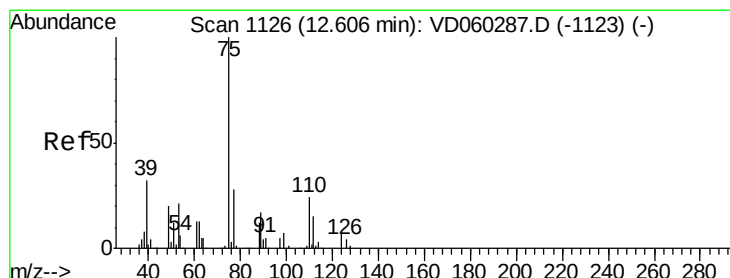
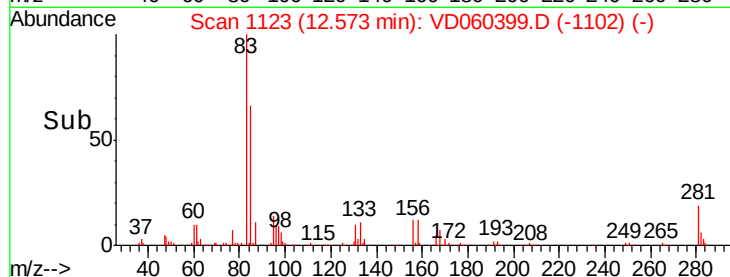
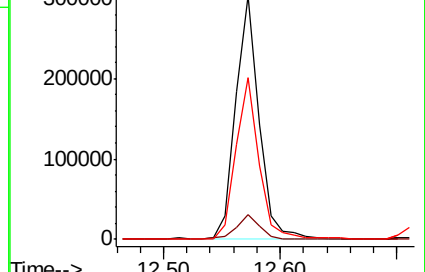
85 66.2 32.0 96.0



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 52.981 ug/l

RT: 12.60 min Scan# 1126

Delta R.T. -0.00 min

Lab File: VD060399.D

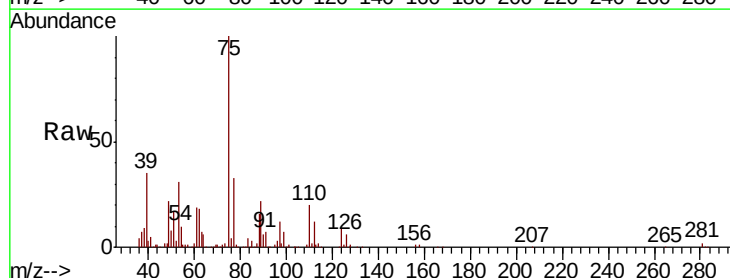
Acq: 16 Nov 2018 15:42

Tgt Ion: 75 Resp: 430604

Ion Ratio Lower Upper

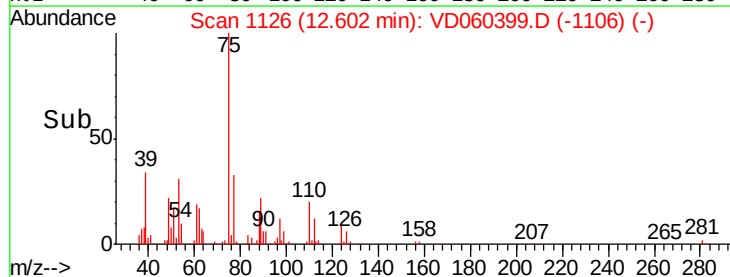
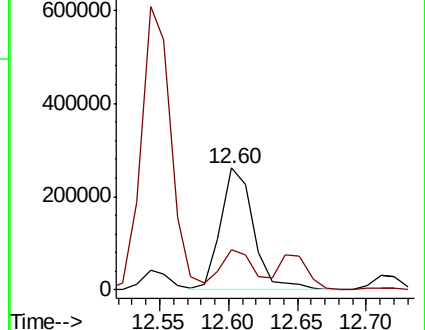
75 100

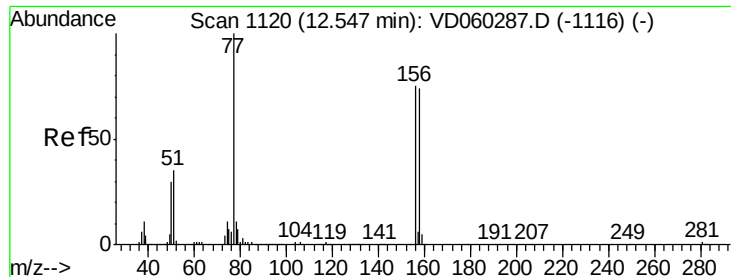
77 32.8 16.4 49.1



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 54.141 ug/l

RT: 12.55 min Scan# 1121

Delta R.T. 0.01 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

FDSB-05(25-27)MSD

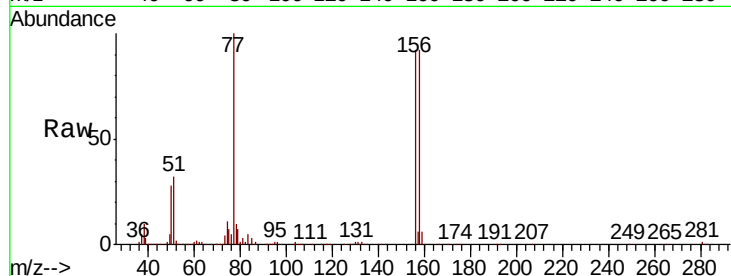
Tot Ion:156 Resp: 711898

Ion Ratio Lower Upper

156 100

77 108.4 61.2 183.6

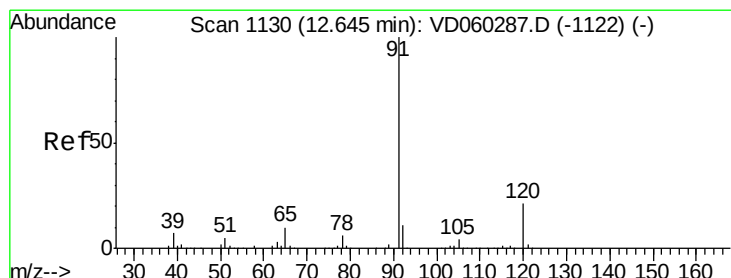
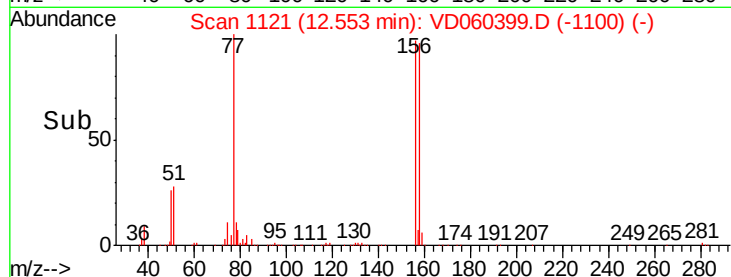
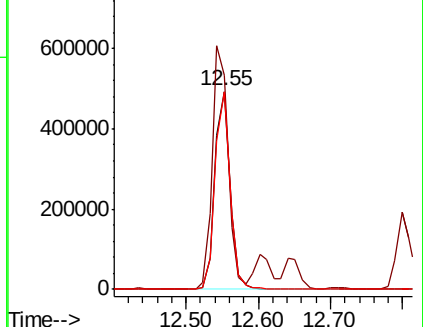
158 99.5 49.2 147.6



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 54.262 ug/l

RT: 12.65 min Scan# 1131

Delta R.T. 0.01 min

Lab File: VD060399.D

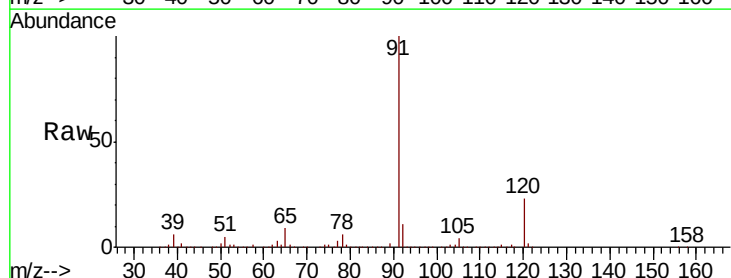
Acq: 16 Nov 2018 15:42

Tgt Ion: 91 Resp: 3352706

Ion Ratio Lower Upper

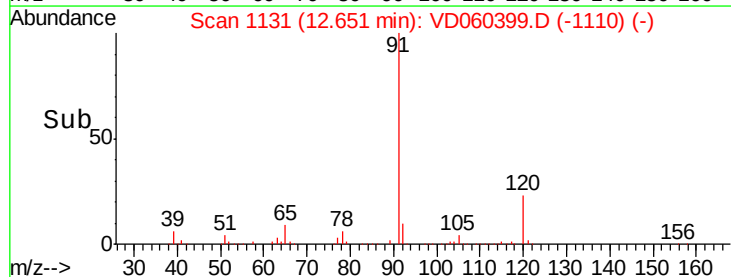
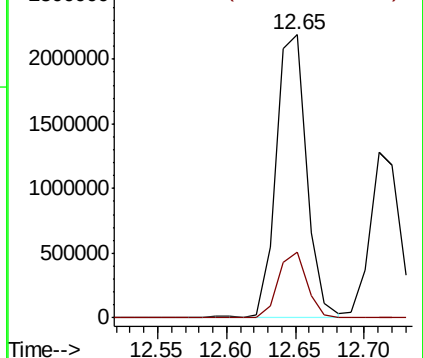
91 100

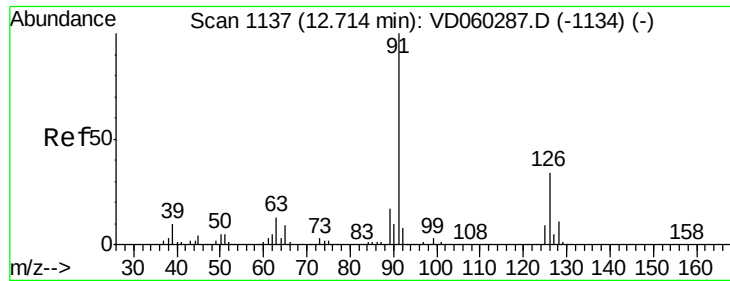
120 23.3 10.4 31.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

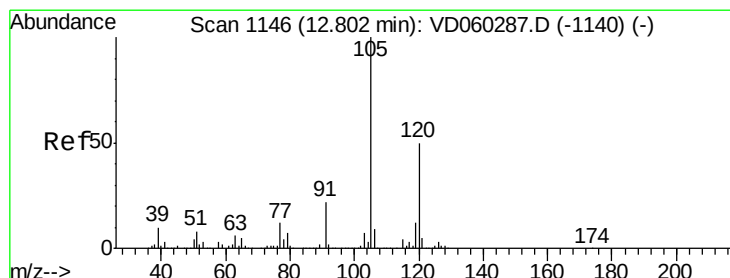
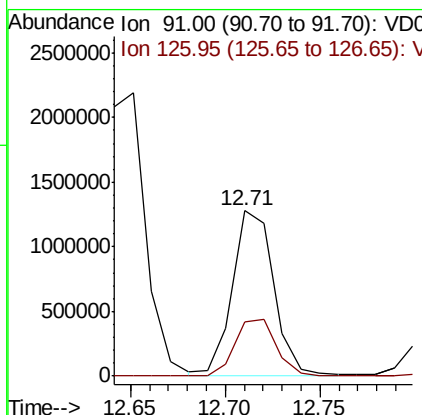
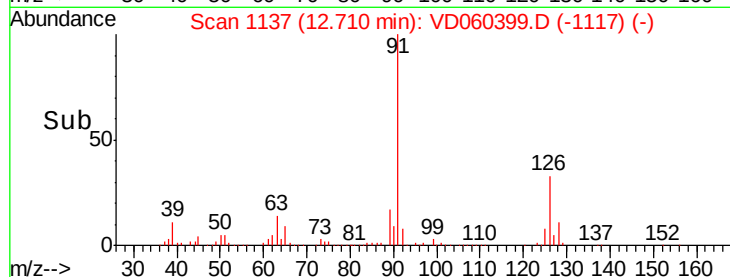
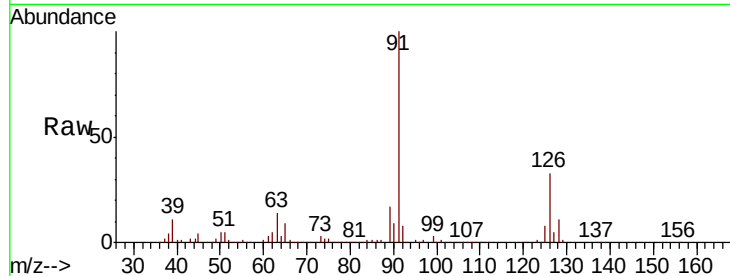




#79
 2-Chlorotoluene
 Concen: 56.761 ug/l
 RT: 12.71 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

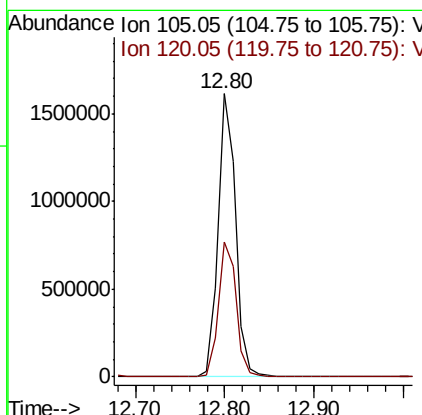
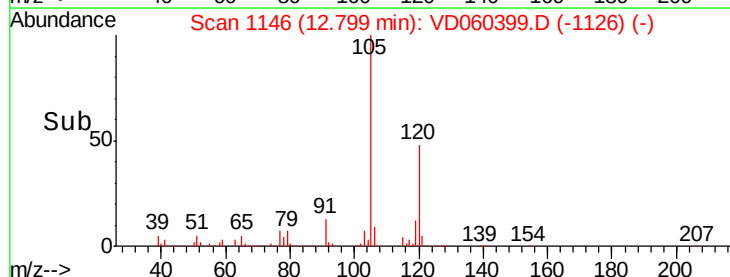
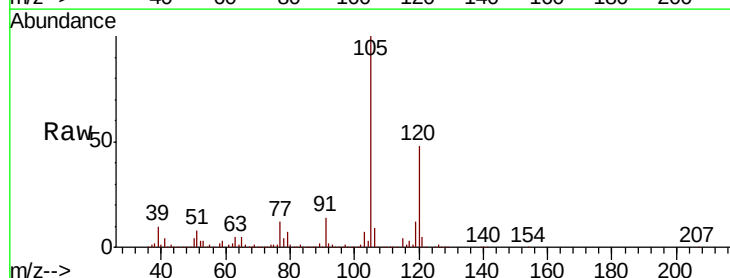
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

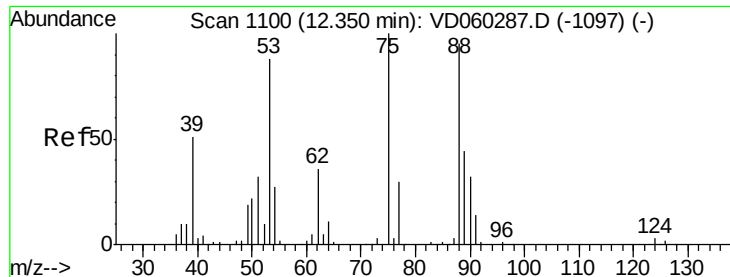
Tot Ion: 91 Resp: 1920816
 Ion Ratio Lower Upper
 91 100
 126 32.9 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 57.325 ug/l
 RT: 12.80 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

Tgt Ion:105 Resp: 2205311
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 52.519 ug/l

RT: 12.35 min Scan# 1100

Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

FDSB-05(25-27)MSD

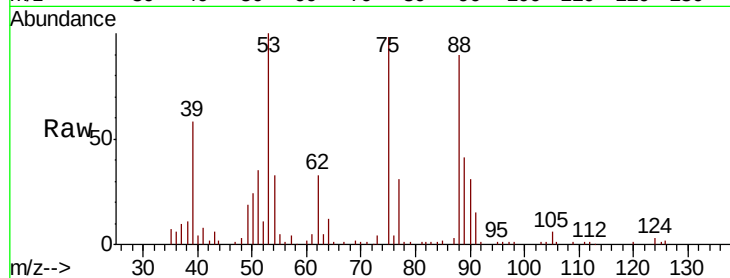
Tot Ion: 75 Resp: 121523

Ion Ratio Lower Upper

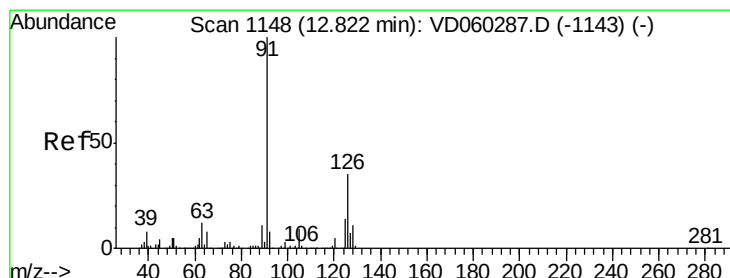
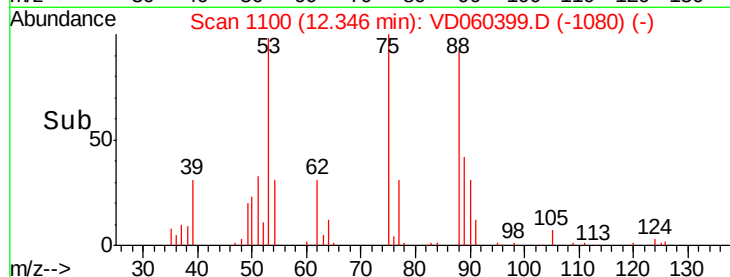
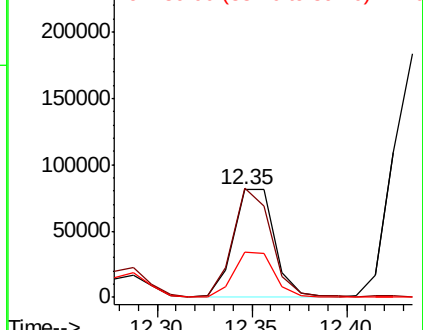
75 100

53 101.6 68.6 103.0

89 42.1 34.1 51.1



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 56.497 ug/l

RT: 12.82 min Scan# 1148

Delta R.T. -0.00 min

Lab File: VD060399.D

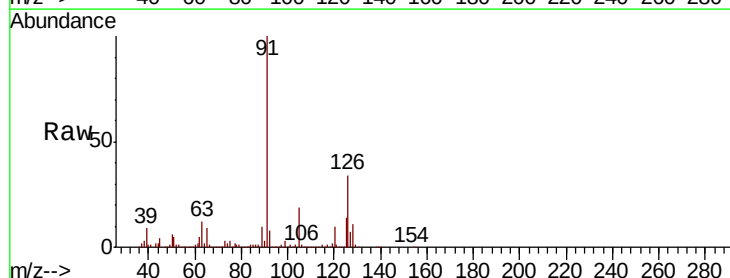
Acq: 16 Nov 2018 15:42

Tgt Ion: 91 Resp: 2147647

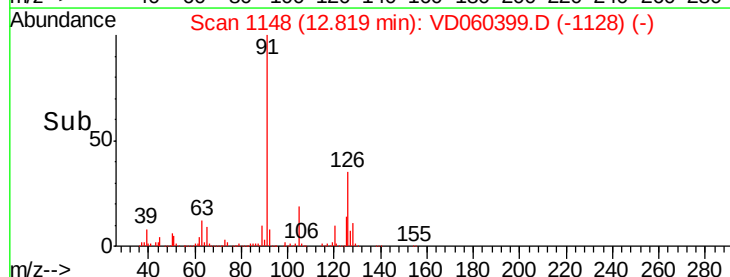
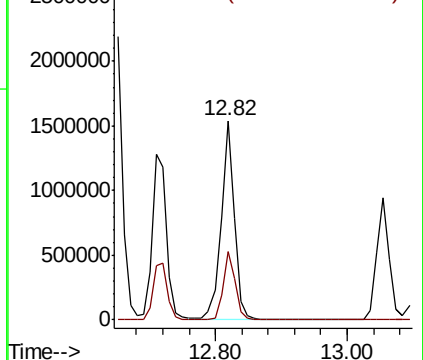
Ion Ratio Lower Upper

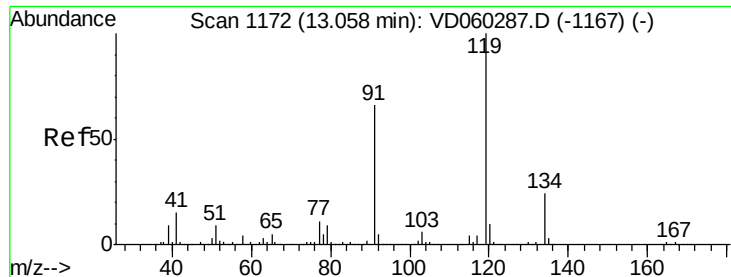
91 100

126 34.1 14.8 44.4



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V

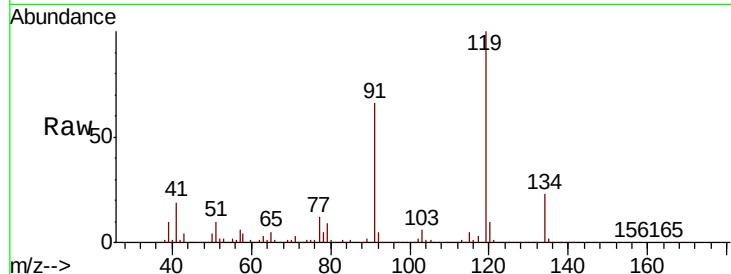




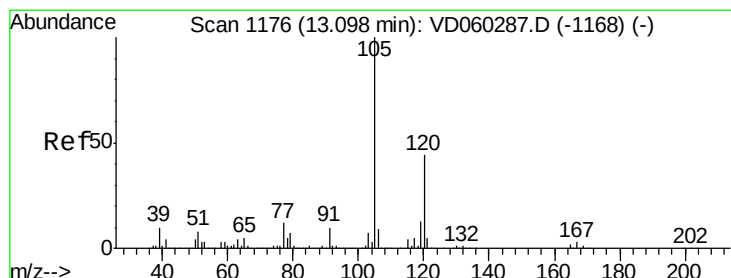
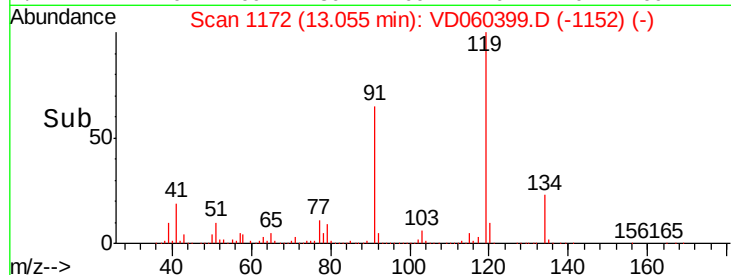
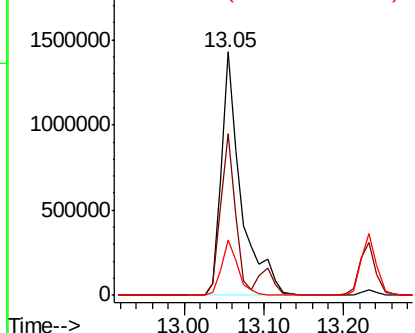
#83
 tert-Butylbenzene
 Concen: 58.697 ug/l
 RT: 13.05 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

Tot Ion:119 Resp: 2506959
 Ion Ratio Lower Upper
 119 100
 91 66.3 32.7 98.1
 134 23.0 12.1 36.3

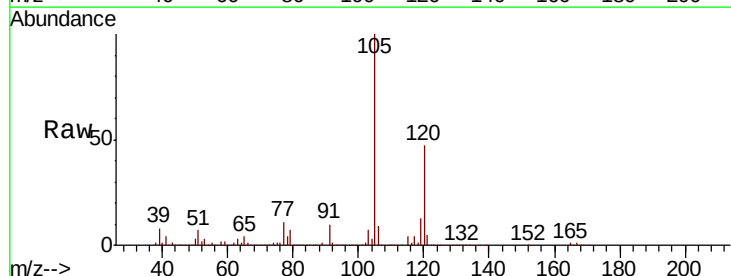


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): VD
 Ion 134.00 (133.70 to 134.70): V

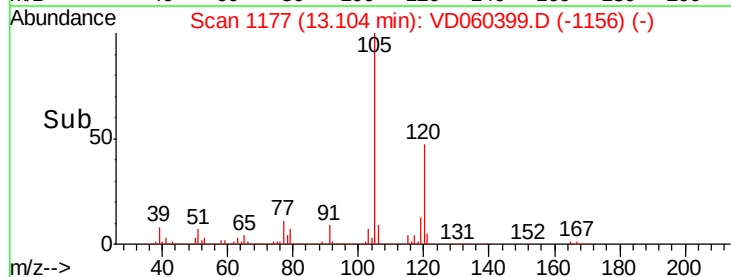
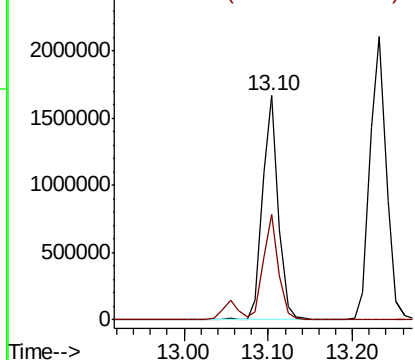


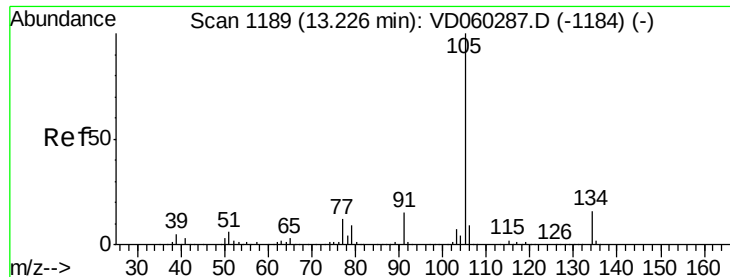
#84
 1,2,4-Trimethylbenzene
 Concen: 57.659 ug/l
 RT: 13.10 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

Tgt Ion:105 Resp: 2215250
 Ion Ratio Lower Upper
 105 100
 120 46.8 21.9 65.8



Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V





#85

sec-Butylbenzene

Concen: 54.319 ug/l

RT: 13.23 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

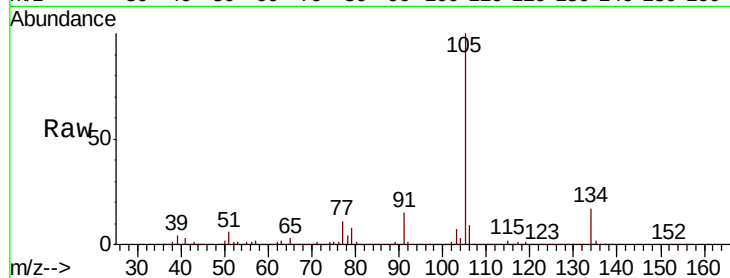
FDSB-05(25-27)MSD

Tot Ion:105 Resp: 2846338

Ion Ratio Lower Upper

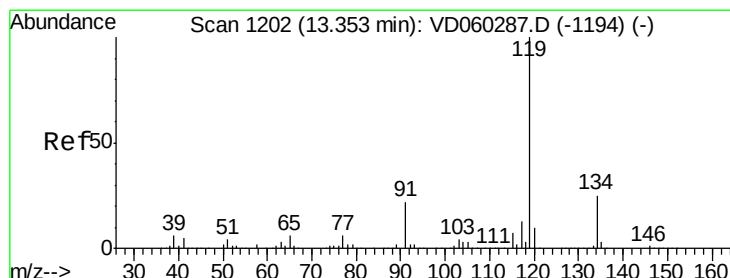
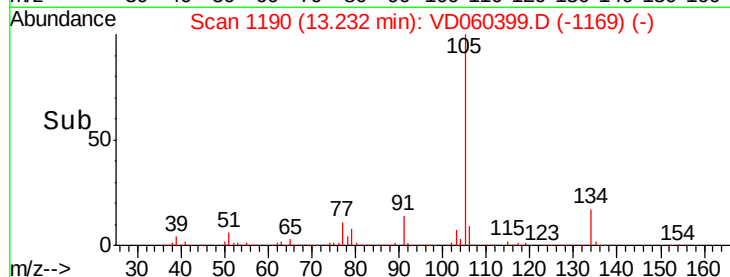
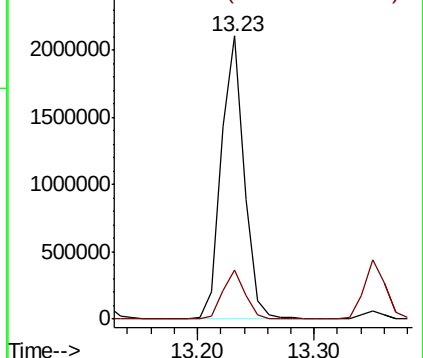
105 100

134 17.4 8.0 24.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 56.394 ug/l

RT: 13.35 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

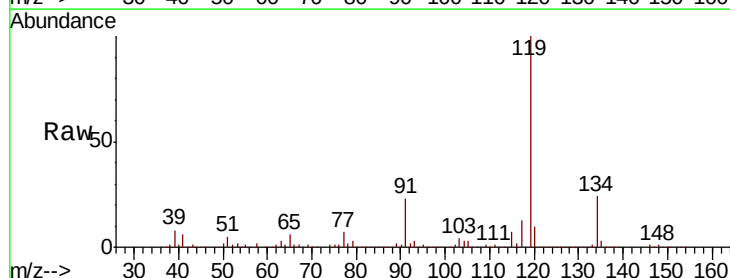
Tgt Ion:119 Resp: 2379714

Ion Ratio Lower Upper

119 100

134 23.5 12.9 38.6

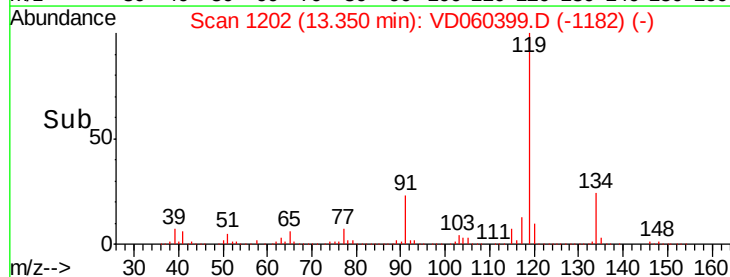
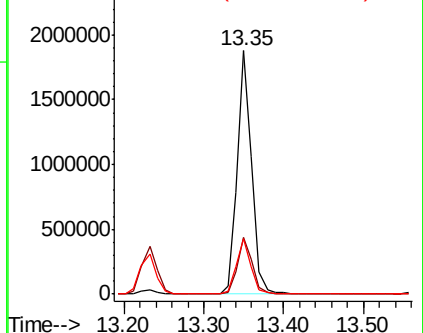
91 22.8 11.3 33.8

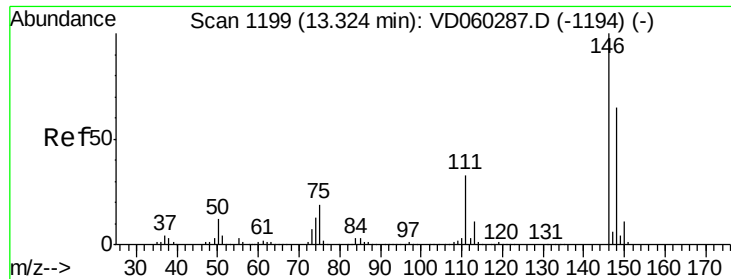


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

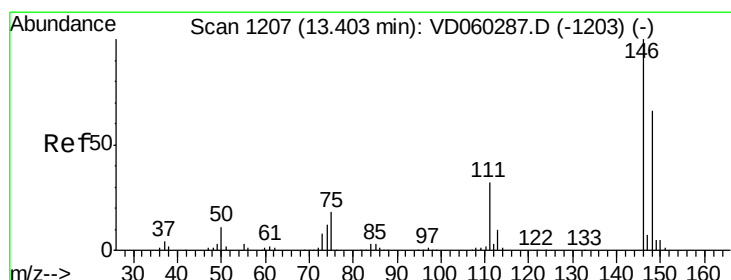
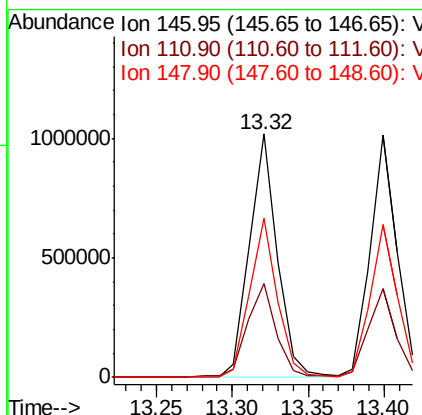
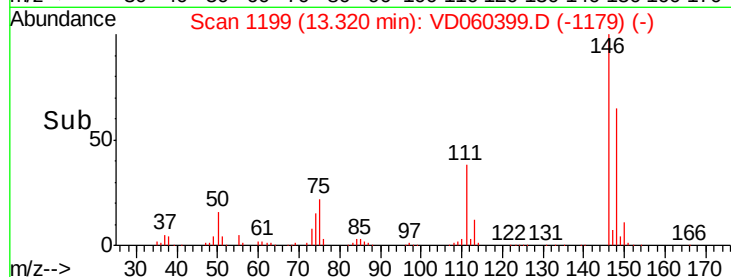
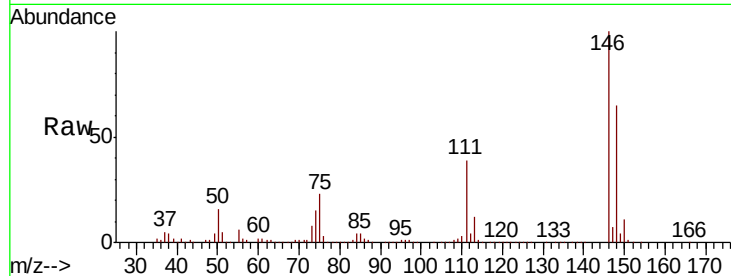




#87
 1,3-Dichlorobenzene
 Concen: 55.899 ug/l
 RT: 13.32 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

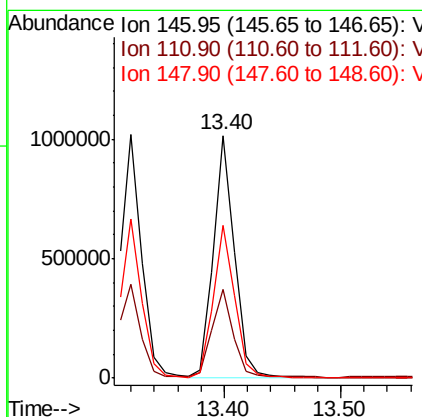
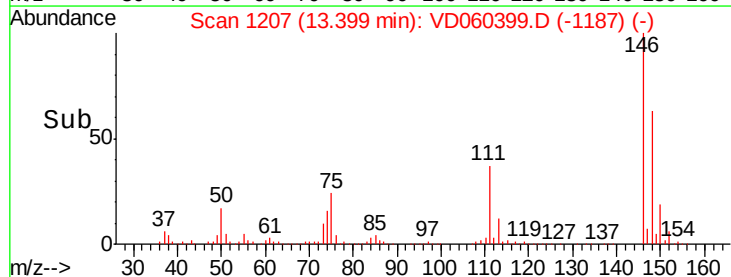
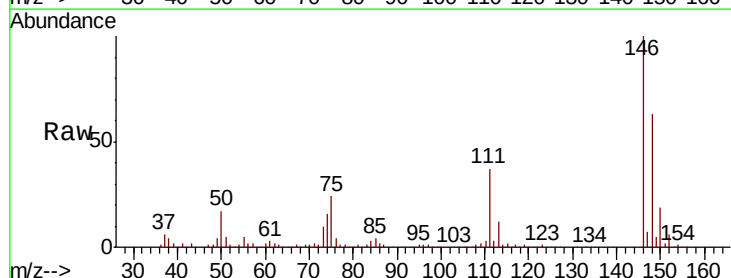
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

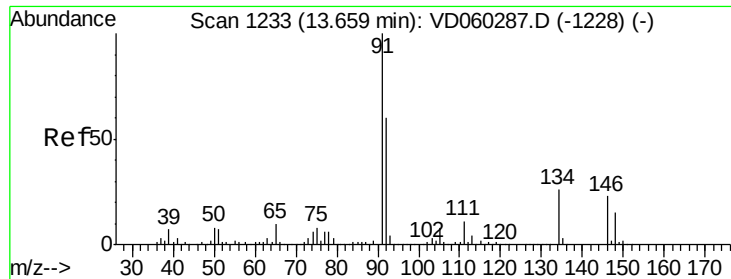
Tot Ion:146 Resp: 1307693
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.2 60.5
 148 65.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 55.712 ug/l
 RT: 13.40 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

Tgt Ion:146 Resp: 1272857
 Ion Ratio Lower Upper
 146 100
 111 36.8 16.0 47.9
 148 63.1 32.9 98.7

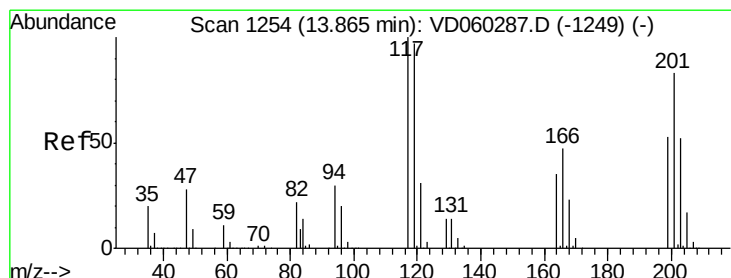
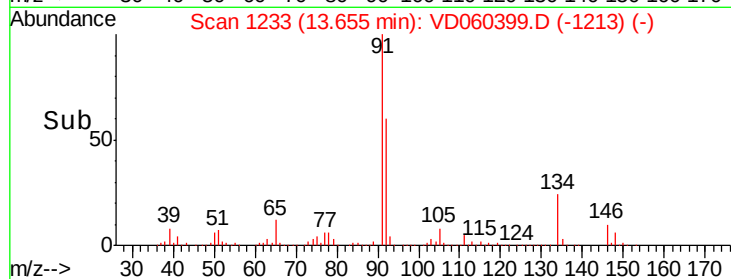
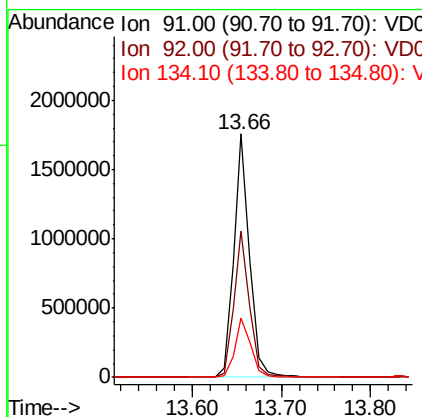
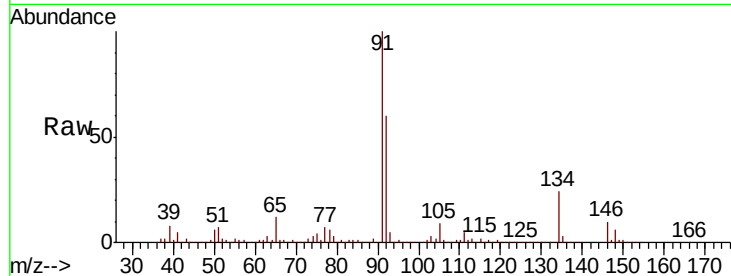




#89
n-Butylbenzene
Concen: 53.933 ug/l
RT: 13.66 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

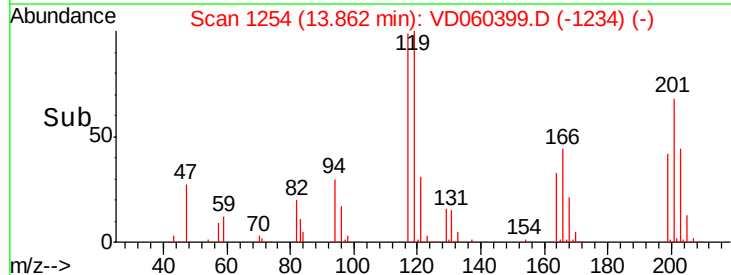
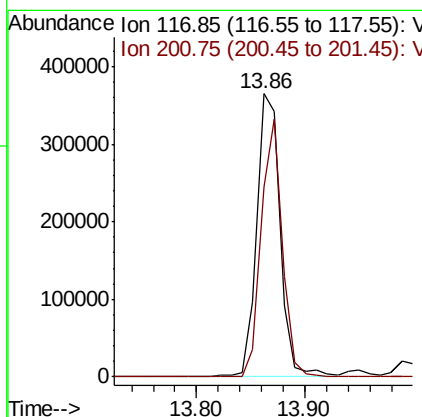
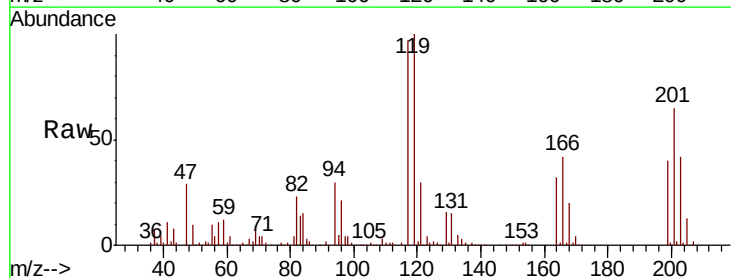
Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

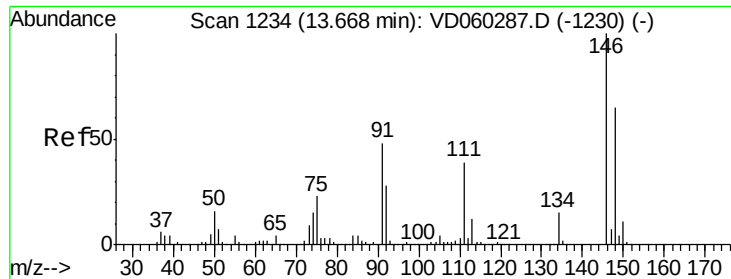
Tot Ion: 91 Resp: 2183664
Ion Ratio Lower Upper
91 100
92 60.1 30.3 90.9
134 24.2 13.0 38.9



#90
Hexachloroethane
Concen: 55.570 ug/l
RT: 13.86 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VD060399.D
Acq: 16 Nov 2018 15:42

Tgt Ion: 117 Resp: 556040
Ion Ratio Lower Upper
117 100
201 67.1 40.1 120.3

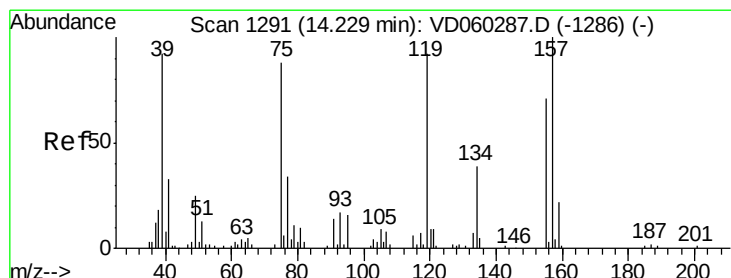
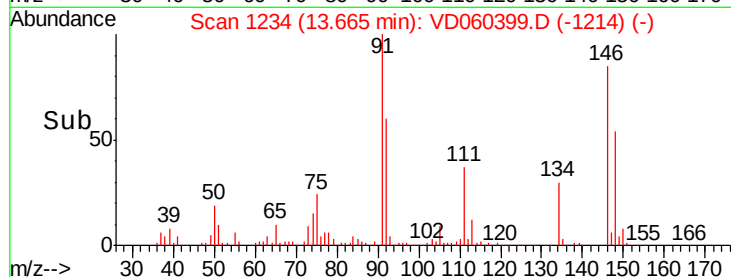
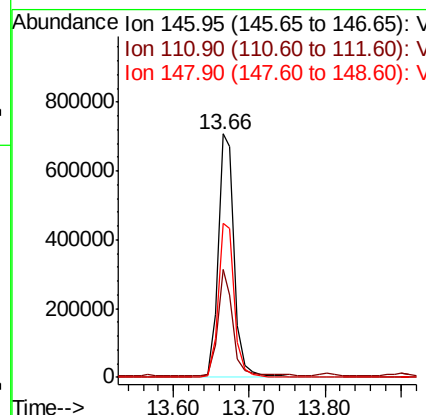
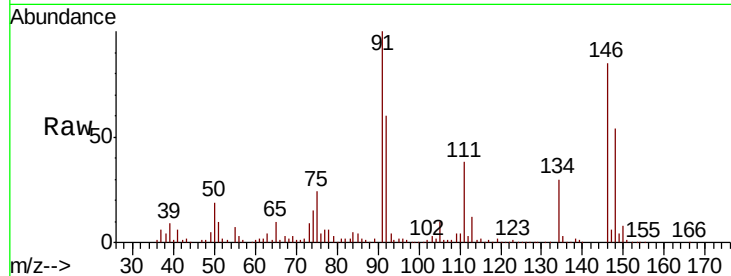




#91
 1,2-Dichlorobenzene
 Concen: 54.915 ug/l
 RT: 13.66 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

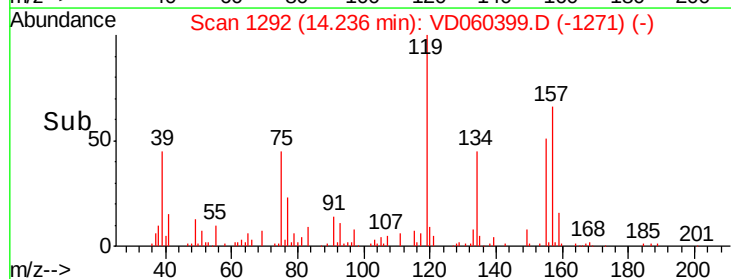
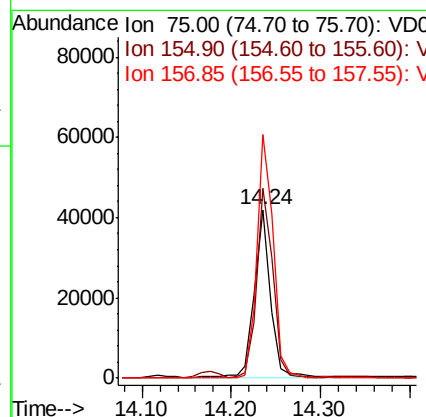
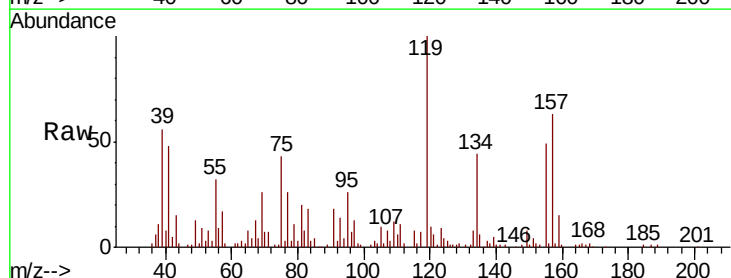
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

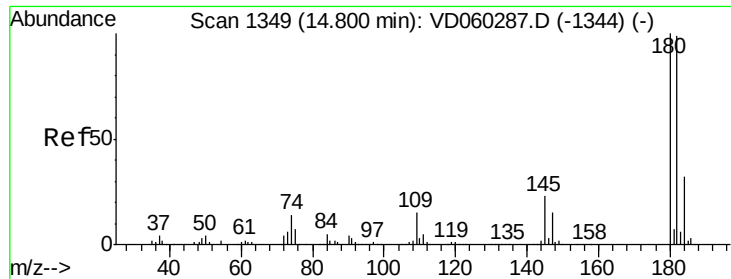
Tot Ion:146 Resp: 1055205
 Ion Ratio Lower Upper
 146 100
 111 44.4 18.9 56.9
 148 63.3 31.6 94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.939 ug/l
 RT: 14.24 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

Tgt Ion: 75 Resp: 53689
 Ion Ratio Lower Upper
 75 100
 155 112.9 64.3 192.9
 157 144.7 81.0 243.1

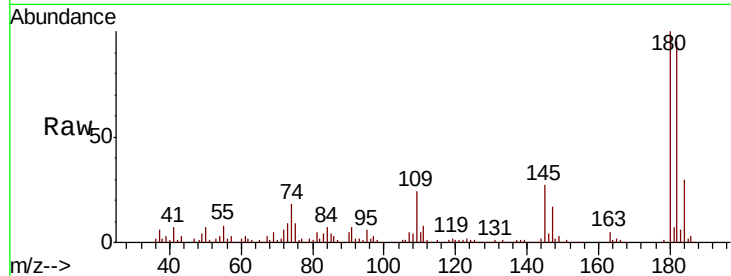




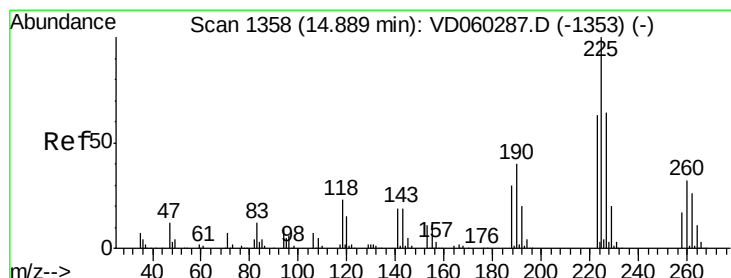
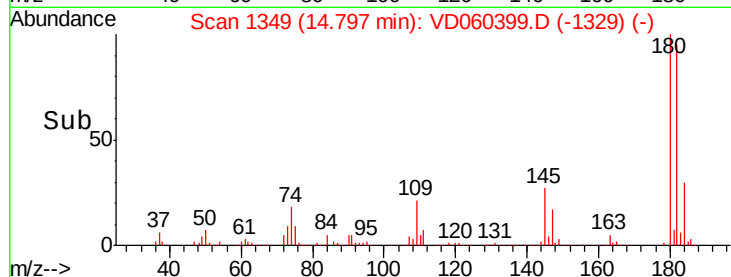
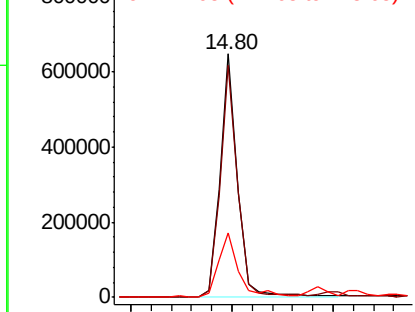
#93
 1,2,4-Trichlorobenzene
 Concen: 50.874 ug/l
 RT: 14.80 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

Tot Ion:180 Resp: 775052
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.1 144.4
 145 26.7 11.5 34.4

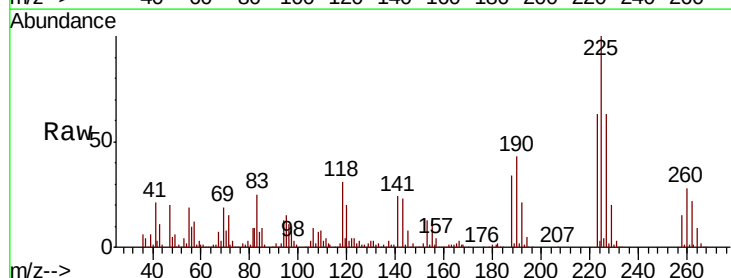


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

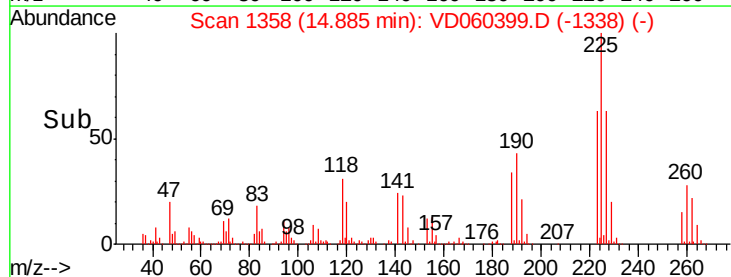
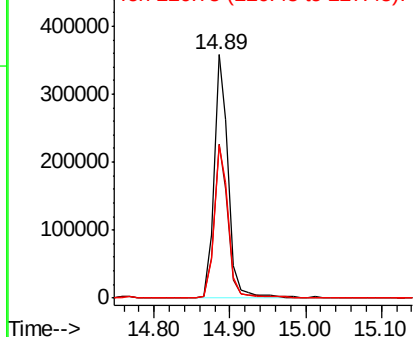


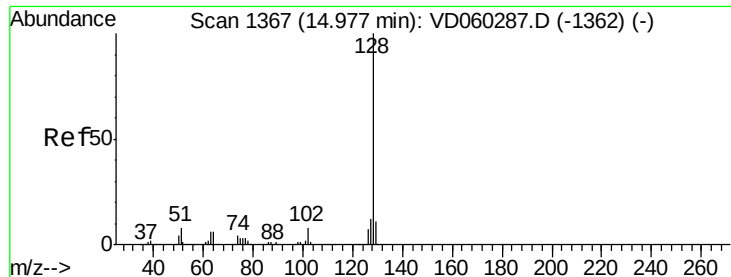
#94
 Hexachlorobutadiene
 Concen: 42.077 ug/l
 RT: 14.89 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: VD060399.D
 Acq: 16 Nov 2018 15:42

Tgt Ion:225 Resp: 479474
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.6 94.8
 227 62.7 32.3 96.9



Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V





#95

Naphthalene

Concen: 56.487 ug/l

RT: 14.97 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Instrument :

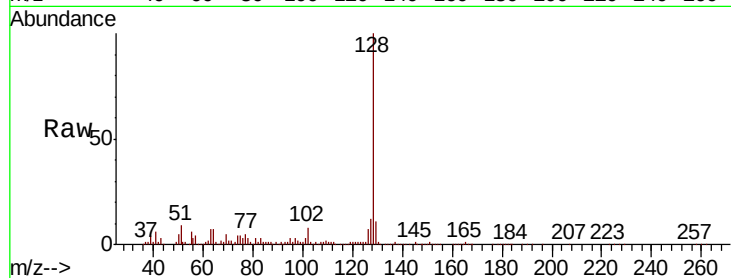
MSVOA_D

ClientSampleId :

FDSB-05(25-27)MSD

Tot Ion:128 Resp: 1050830

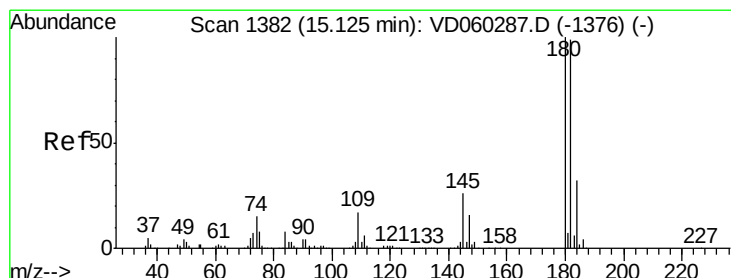
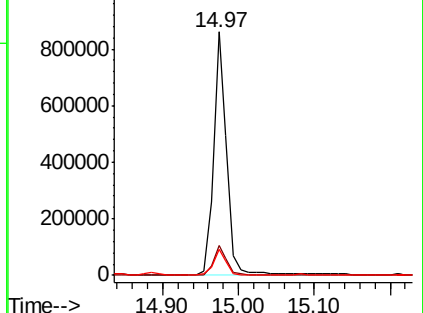
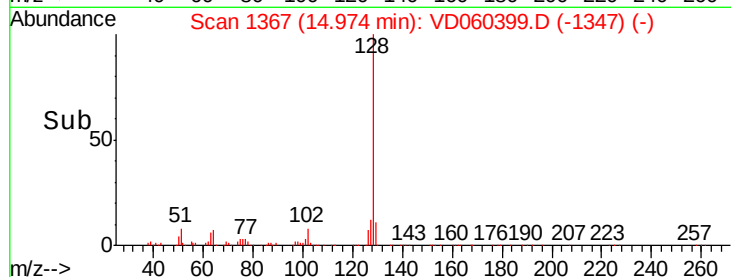
Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.6	14.4
129	10.8	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.999 ug/l

RT: 15.12 min Scan# 1382

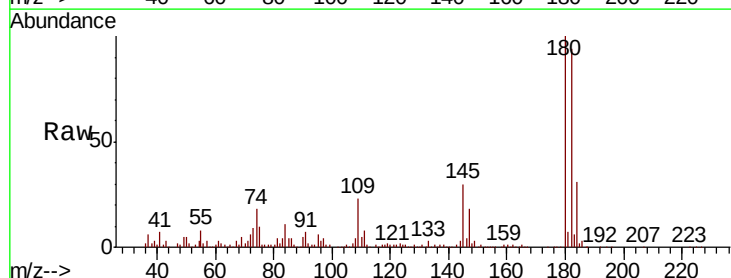
Delta R.T. -0.00 min

Lab File: VD060399.D

Acq: 16 Nov 2018 15:42

Tgt Ion:180 Resp: 647020

Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.9	146.7
145	29.5	12.9	38.6



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

