

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050819\
 Data File : VD062182.D
 Acq On : 8 May 2019 18:59
 Operator : FY/SY
 Sample : K2717-10MS
 Misc : 5.48/5mL/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-01MS

Quant Time: May 09 01:26:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	428109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	582924	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	455140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	158193	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	245062	61.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.20%	
35) Dibromofluoromethane	6.89	113	301869	62.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.82%	
50) Toluene-d8	10.39	98	617517	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
62) 4-Bromofluorobenzene	13.55	95	183415	39.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.56	85	236342	57.722	ug/l	98
3) Chloromethane	1.73	50	163133	55.139	ug/l	98
4) Vinyl Chloride	1.84	62	170824	58.750	ug/l	97
5) Bromomethane	2.13	94	68345	100.315	ug/l	93
6) Chloroethane	2.25	64	85749	70.281	ug/l	97
7) Trichlorofluoromethane	2.51	101	354270	62.671	ug/l	97
8) Diethyl Ether	2.85	74	68112	62.476	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	3.12	101	207707	48.573	ug/l	93
10) Methyl Iodide	3.28	142	300679	46.524	ug/l	89
11) Tert butyl alcohol	4.02	59	60442	297.628	ug/l	98
12) 1,1-Dichloroethene	3.10	96	183237	56.134	ug/l	87
13) Acrolein	3.01	56	13094	62.339	ug/l	100
14) Allyl chloride	3.60	41	276315	58.218	ug/l	88
15) Acrylonitrile	4.16	53	154539	289.516	ug/l	89
16) Acetone	3.19	43	191059	228.998	ug/l #	90
17) Carbon Disulfide	3.35	76	484144	51.558	ug/l	98
18) Methyl Acetate	3.61	43	381649	257.022	ug/l	95
19) Methyl tert-butyl Ether	4.21	73	438166	62.624	ug/l	99
20) Methylene Chloride	3.78	84	278124	79.837	ug/l	98
21) trans-1,2-Dichloroethene	4.19	96	207054	57.002	ug/l	92
22) Diisopropyl ether	5.08	45	648905	64.249	ug/l #	88
23) Vinyl Acetate	5.08	43	295090	55.377	ug/l #	77
24) 1,1-Dichloroethane	4.94	63	364017	59.745	ug/l	99
25) 2-Butanone	6.03	43	251268	276.103	ug/l	95
26) 2,2-Dichloropropane	5.99	77	352421	58.067	ug/l	95
27) cis-1,2-Dichloroethene	6.01	96	234369	57.644	ug/l	97
28) Bromochloromethane	6.40	49	157888	65.865	ug/l	83
29) Tetrahydrofuran	6.42	42	125221	298.633	ug/l	95
30) Chloroform	6.64	83	474292	64.591	ug/l	99
31) Cyclohexane	6.92	56	180283	43.189	ug/l	97
32) 1,1,1-Trichloroethane	6.83	97	434750	62.640	ug/l	99
36) 1,1-Dichloropropene	7.12	75	264827	55.410	ug/l	96
37) Ethyl Acetate	6.15	43	45540	22.468	ug/l #	92
38) Carbon Tetrachloride	7.08	117	449713	67.982	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.84	83	133250	29.099	ug/l	97
40) Benzene	7.42	78	603444	55.913	ug/l	97
41) Methacrylonitrile	6.41	41	155475	62.769	ug/l #	89
42) 1,2-Dichloroethane	7.54	62	329546	72.070	ug/l	95
43) Isopropyl Acetate	9.22	43	46710	16.249	ug/l	95
44) Trichloroethene	8.52	130	219677	53.416	ug/l	88
45) 1,2-Dichloropropane	8.91	63	156435	58.600	ug/l	95
46) Dibromomethane	9.04	93	136097	62.693	ug/l #	84
47) Bromodichloromethane	9.35	83	353653	66.602	ug/l	98
48) Methyl methacrylate	9.10	41	130119	73.488	ug/l	88
49) 1,4-Dioxane	9.06	88	21959	1149.434	ug/l	94
51) 4-Methyl-2-Pentanone	10.28	43	523240	283.168	ug/l	97
52) Toluene	10.49	92	395962	56.388	ug/l	100
53) t-1,3-Dichloropropene	10.89	75	270782	59.003	ug/l	96
54) cis-1,3-Dichloropropene	10.01	75	295643	59.051	ug/l	91
55) 1,1,2-Trichloroethane	11.17	97	150456	60.556	ug/l	97
56) Ethyl methacrylate	11.02	69	53885	20.871	ug/l #	89
57) 1,3-Dichloropropane	11.39	76	229743	61.207	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.84	63	446905	316.890	ug/l	99
59) 2-Hexanone	11.51	43	348126	255.617	ug/l	90
60) Dibromochloromethane	11.67	129	258908	60.298	ug/l	99
61) 1,2-Dibromoethane	11.78	107	179184	59.320	ug/l	99
64) Tetrachloroethene	11.23	164	158689	44.588	ug/l	95
65) Chlorobenzene	12.38	112	415573	49.023	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.49	131	226585	61.416	ug/l	97
67) Ethyl Benzene	12.51	91	721071	50.808	ug/l	96
68) m/p-Xylenes	12.65	106	498317	96.510	ug/l	80
69) o-Xylene	13.03	106	242647	50.548	ug/l	86
70) Styrene	13.05	104	410137	50.436	ug/l	94
71) Bromoform	13.22	173	148879	58.001	ug/l #	98
73) Isopropylbenzene	13.39	105	615030	64.859	ug/l	95
74) N-amyl acetate	13.25	43	27519	11.069	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	13.68	83	157112	87.519	ug/l	100
76) 1,2,3-Trichloropropane	13.72	75	159316	84.743	ug/l	99
77) Bromobenzene	13.65	156	188020	70.830	ug/l	90
78) n-propylbenzene	13.76	91	578895	51.177	ug/l	95
79) 2-Chlorotoluene	13.83	91	378971	58.498	ug/l	97
80) 1,3,5-Trimethylbenzene	13.92	105	474645	59.441	ug/l	89
81) trans-1,4-Dichloro-2-buten	13.46	75	44103	83.098	ug/l #	70
82) 4-Chlorotoluene	13.94	91	444740	58.338	ug/l	92
83) tert-Butylbenzene	14.18	119	530192	59.073	ug/l	91
84) 1,2,4-Trimethylbenzene	14.22	105	473146	59.047	ug/l	90
85) sec-Butylbenzene	14.35	105	457363	46.478	ug/l	94
86) p-Isopropyltoluene	14.48	119	399487	45.438	ug/l	93
87) 1,3-Dichlorobenzene	14.44	146	234913	48.444	ug/l	98
88) 1,4-Dichlorobenzene	14.53	146	234845	49.289	ug/l	94
89) n-Butylbenzene	14.79	91	263899	33.441	ug/l	94
90) Hexachloroethane	14.99	117	106747	44.647	ug/l	97
91) 1,2-Dichlorobenzene	14.80	146	224449	56.202	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.37	75	26740	90.742	ug/l	69

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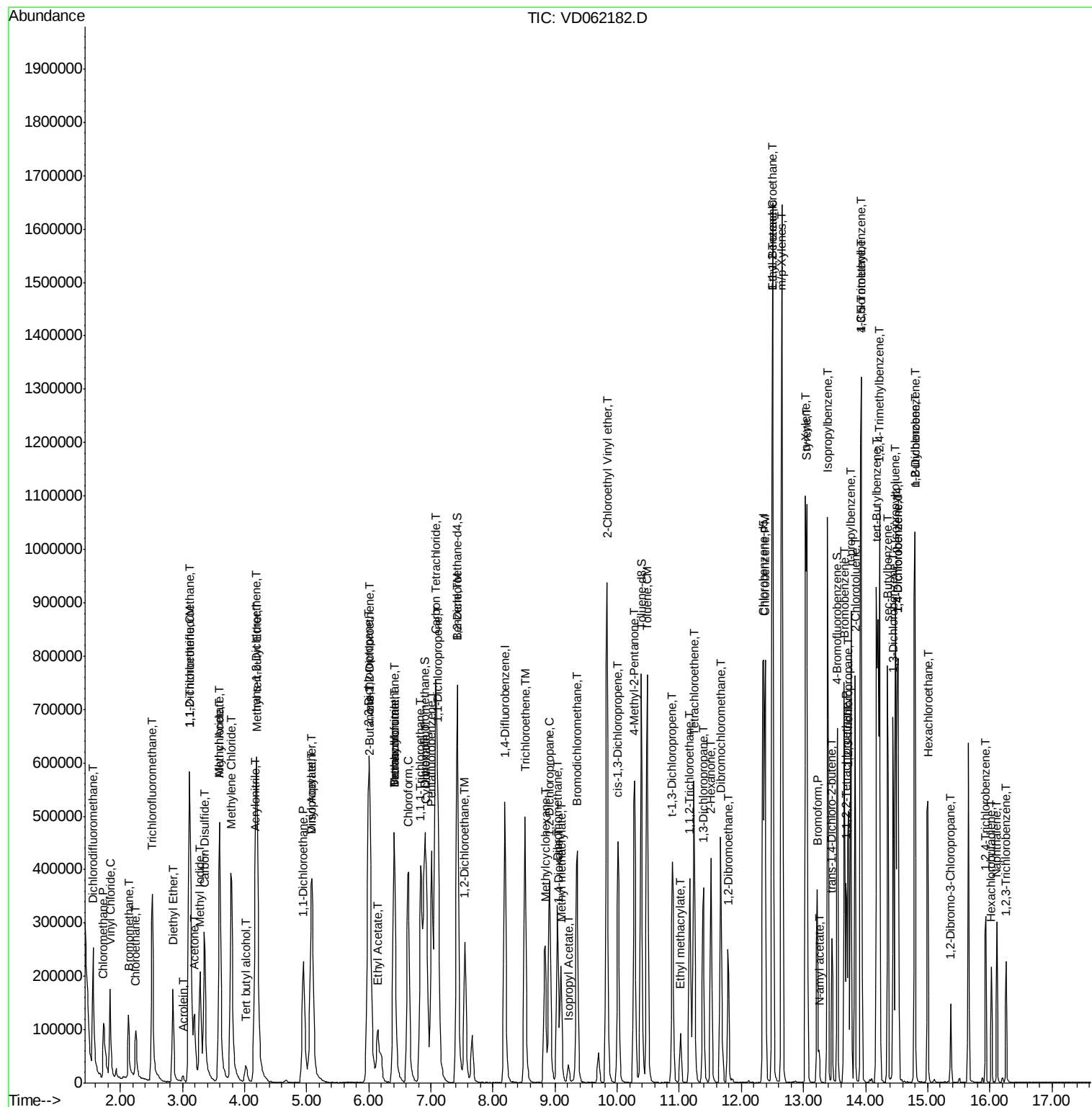
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	85013	29.246	ug/l	97
94) Hexachlorobutadiene	16.03	225	34600	16.004	ug/l	97
95) Naphthalene	16.11	128	171805	42.335	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	58414	31.962	ug/l	92

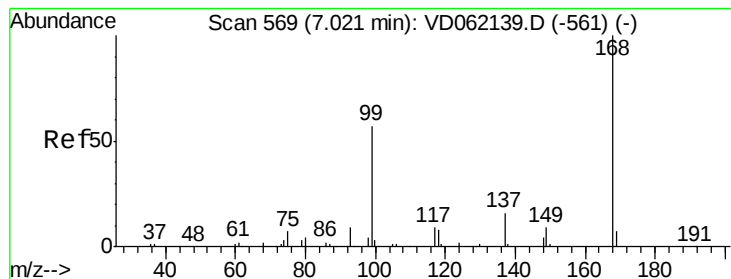
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.01 min Scan# 568

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

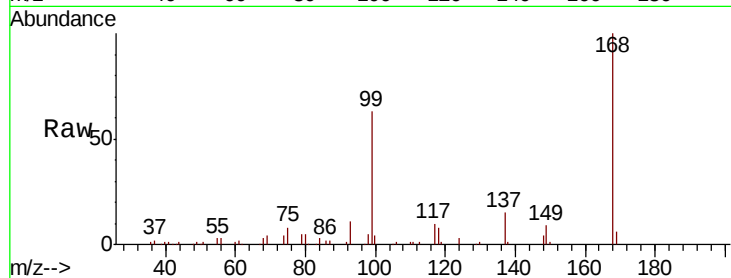
P026-SS002-1218-01MS

Tot Ion:168 Resp: 428109

Ion Ratio Lower Upper

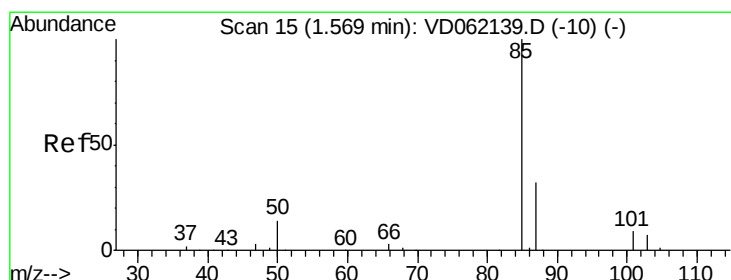
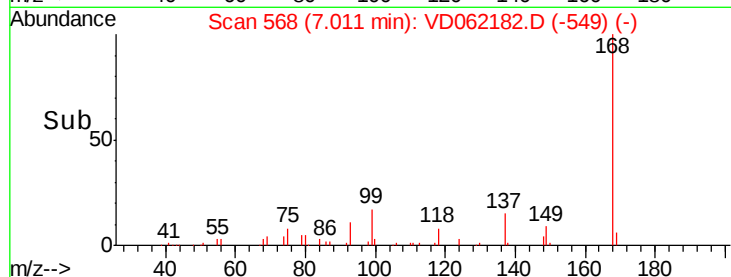
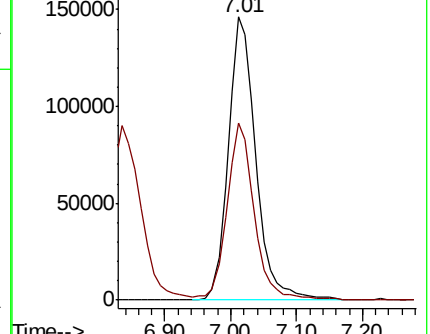
168 100

99 62.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V



#2

Dichlorodifluoromethane

Concen: 57.722 ug/l

RT: 1.56 min Scan# 14

Delta R.T. -0.01 min

Lab File: VD062182.D

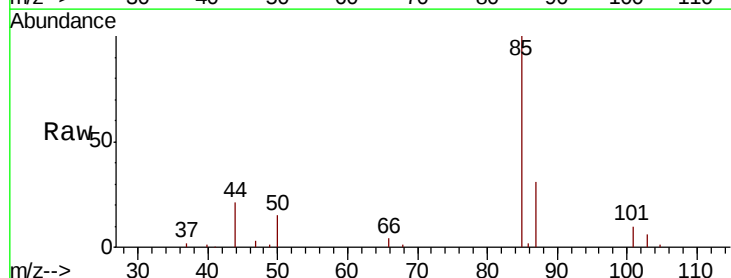
Acq: 8 May 2019 18:59

Tgt Ion: 85 Resp: 236342

Ion Ratio Lower Upper

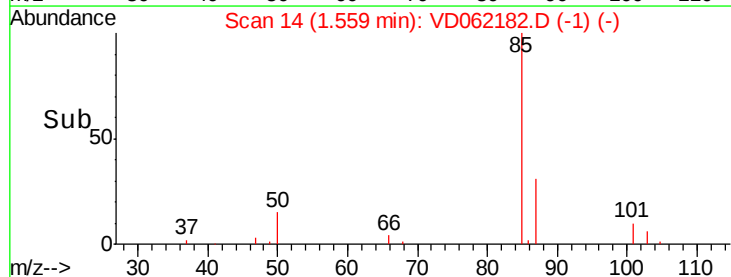
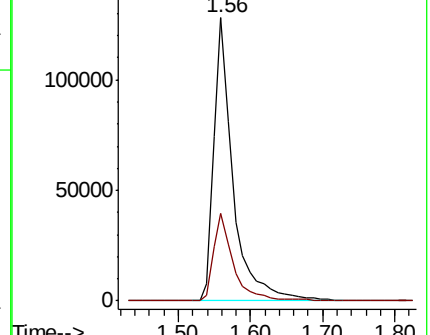
85 100

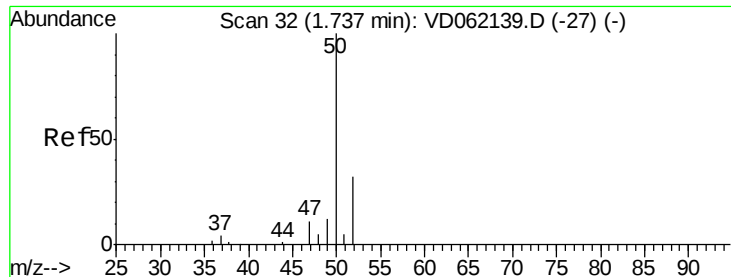
87 31.1 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): V

Ion 86.90 (86.60 to 87.60): V





#3

Chloromethane

Concen: 55.139 ug/l

RT: 1.73 min Scan# 31

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

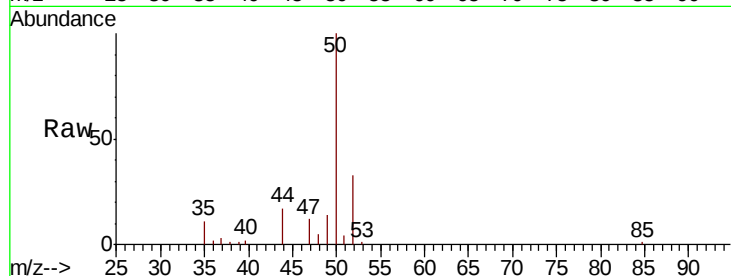
P026-SS002-1218-01MS

Tot Ion: 50 Resp: 163133

Ion Ratio Lower Upper

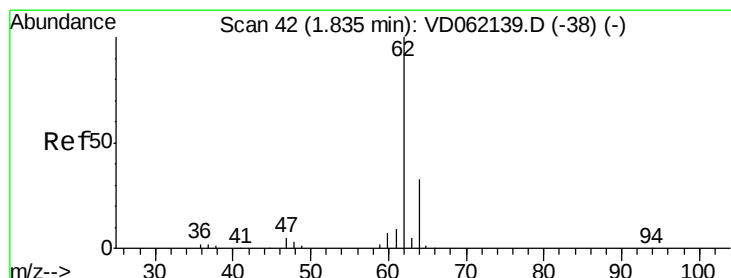
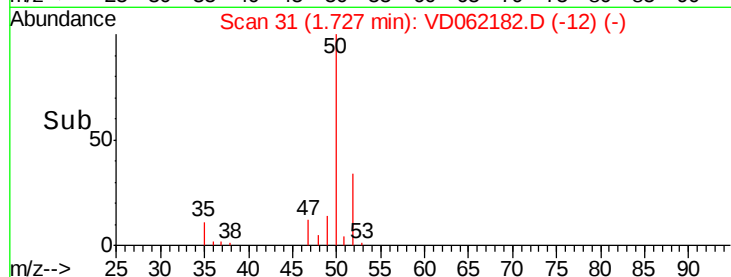
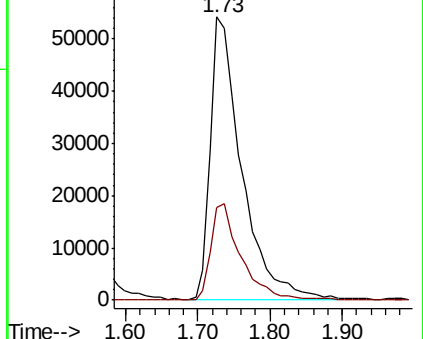
50 100

52 32.6 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 58.750 ug/l

RT: 1.84 min Scan# 42

Delta R.T. -0.00 min

Lab File: VD062182.D

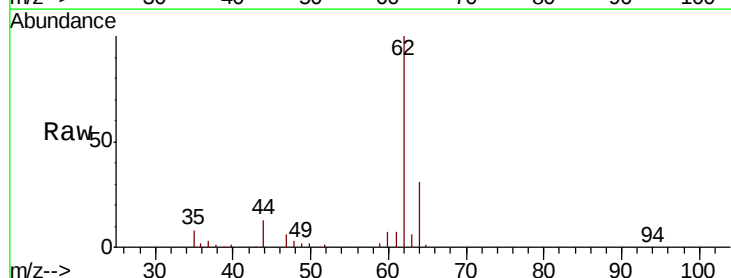
Acq: 8 May 2019 18:59

Tgt Ion: 62 Resp: 170824

Ion Ratio Lower Upper

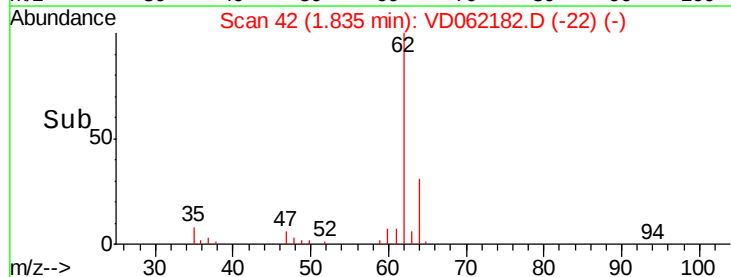
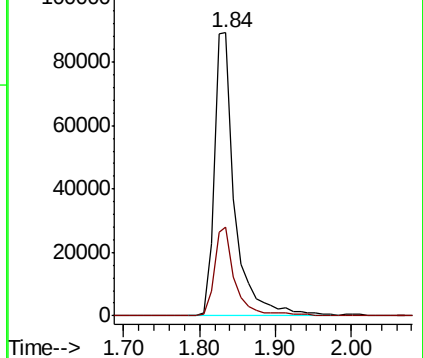
62 100

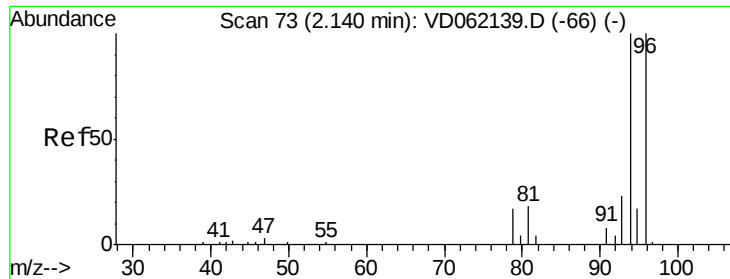
64 31.5 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 100.315 ug/l

RT: 2.13 min Scan# 72

Delta R.T. -0.01 min

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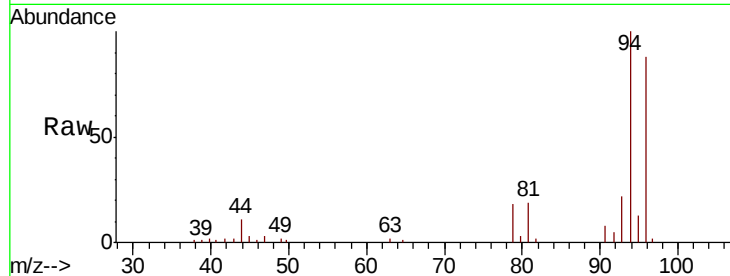
Tot Ion: 94 Resp: 68345

Ion Ratio Lower Upper

94 100

96 87.6 76.6 115.0

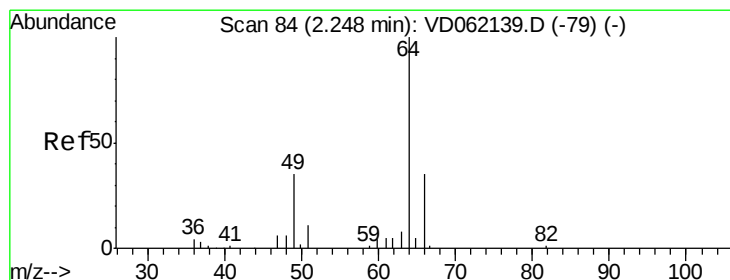
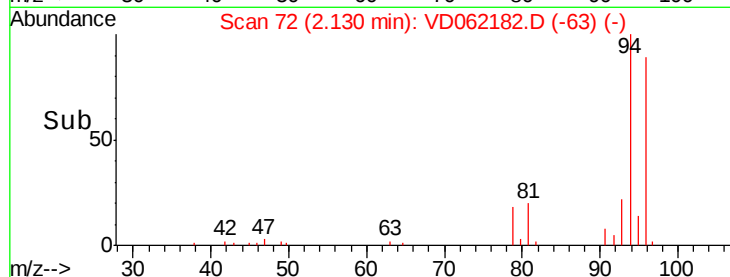
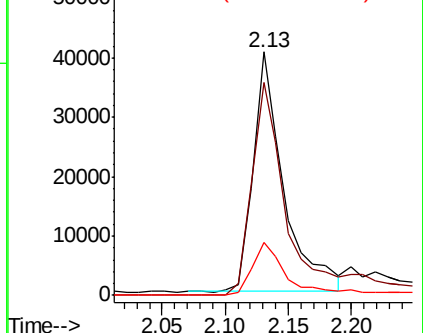
93 21.9 18.5 27.7



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 70.281 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VD062182.D

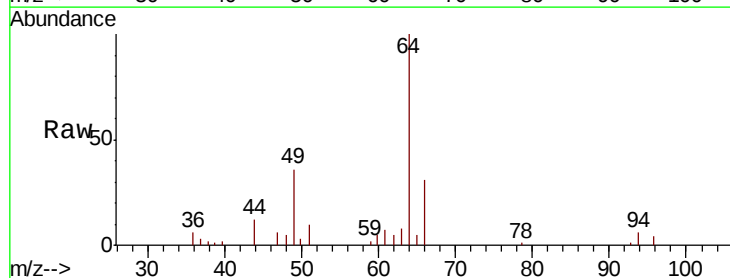
Acq: 8 May 2019 18:59

Tgt Ion: 64 Resp: 85749

Ion Ratio Lower Upper

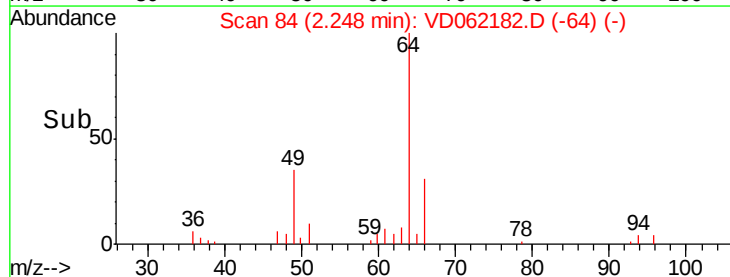
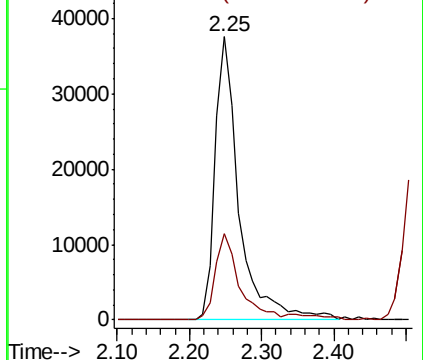
64 100

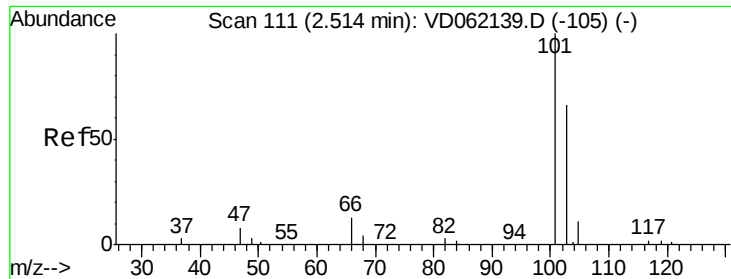
66 30.5 25.6 38.4



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



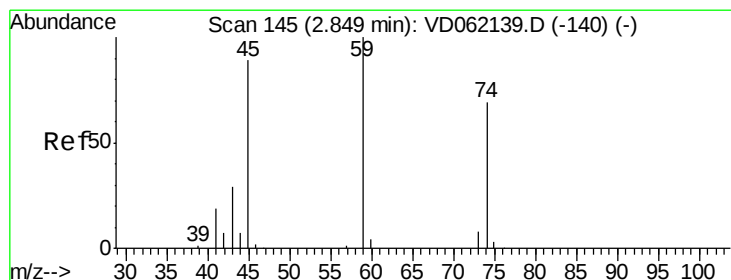
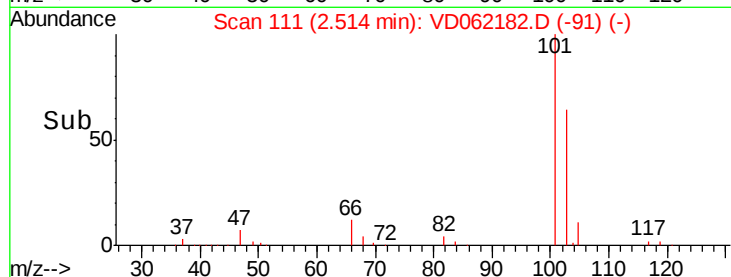
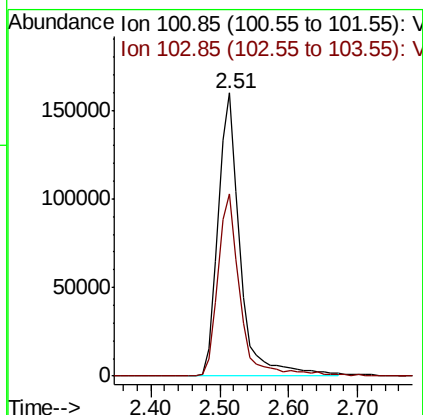
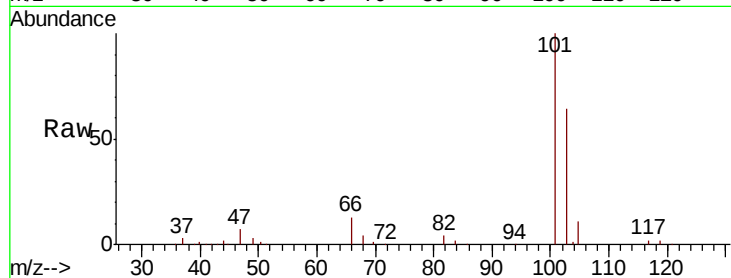


#7

Trichlorofluoromethane
Concen: 62.671 ug/l
RT: 2.51 min Scan# 111
Delta R.T. -0.00 min
Lab File: VD062182.D
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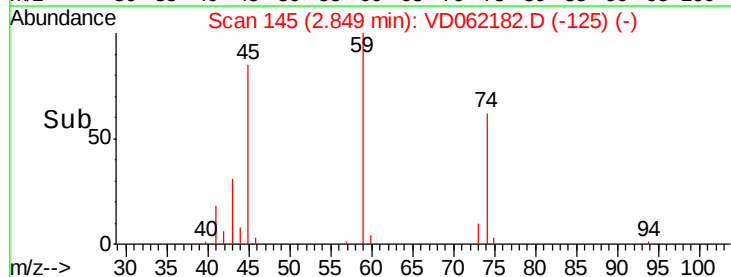
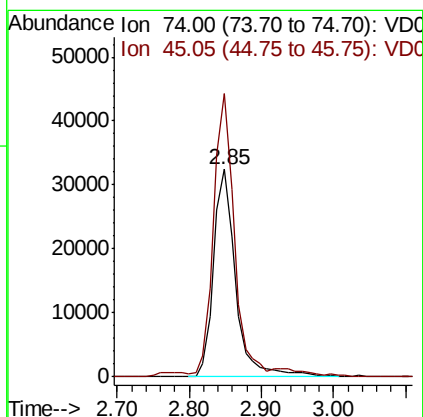
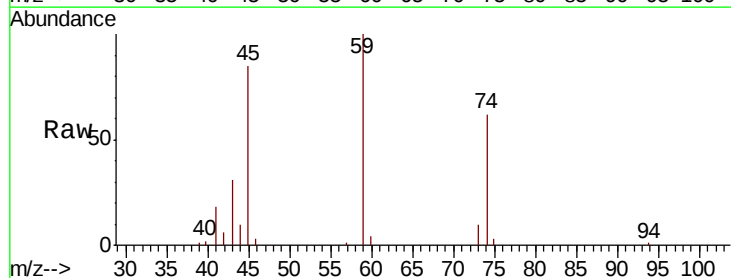
Tot Ion:101 Resp: 354270
Ion Ratio Lower Upper
101 100
103 64.3 53.6 80.4



#8

Diethyl Ether
Concen: 62.476 ug/l
RT: 2.85 min Scan# 145
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion: 74 Resp: 68112
Ion Ratio Lower Upper
74 100
45 136.6 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.573 ug/l

RT: 3.12 min Scan# 173

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

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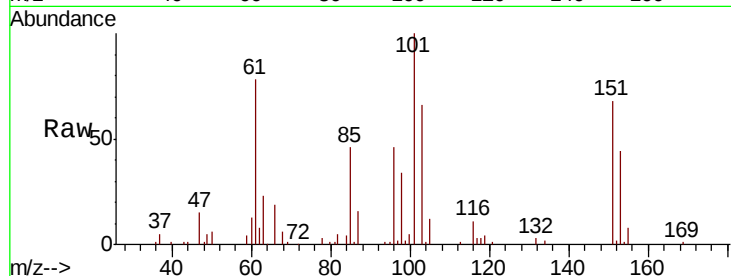
Tot Ion:101 Resp: 207707

Ion Ratio Lower Upper

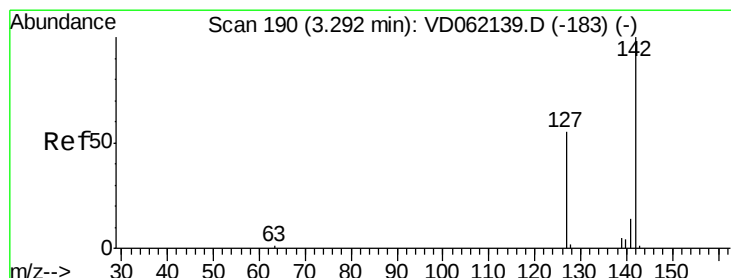
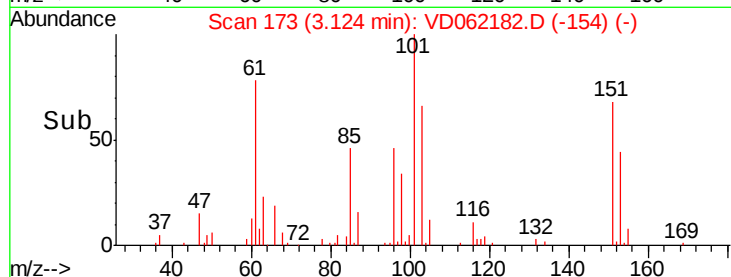
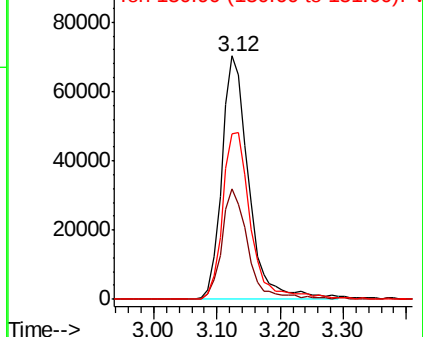
101 100

85 45.6 32.4 48.6

151 68.2 59.4 89.0



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: 46.524 ug/l

RT: 3.28 min Scan# 189

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

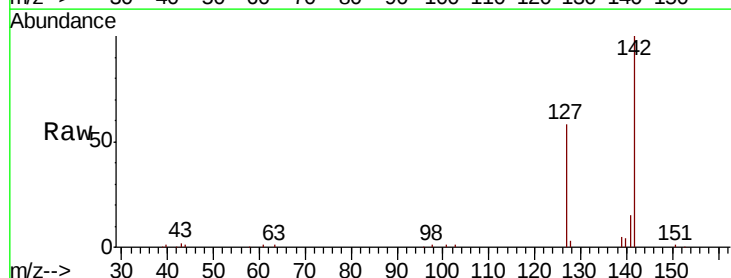
Tgt Ion:142 Resp: 300679

Ion Ratio Lower Upper

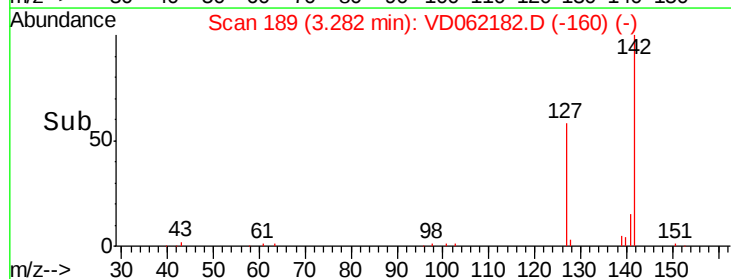
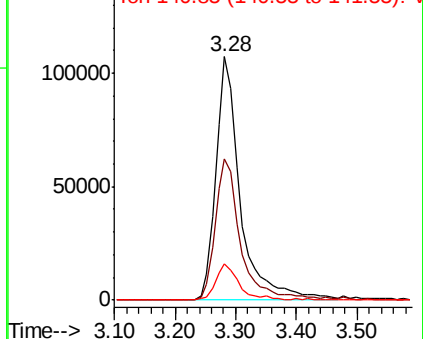
142 100

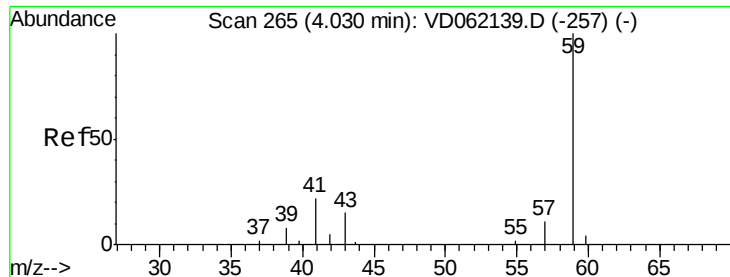
127 57.8 38.8 58.2

141 14.6 11.4 17.0



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



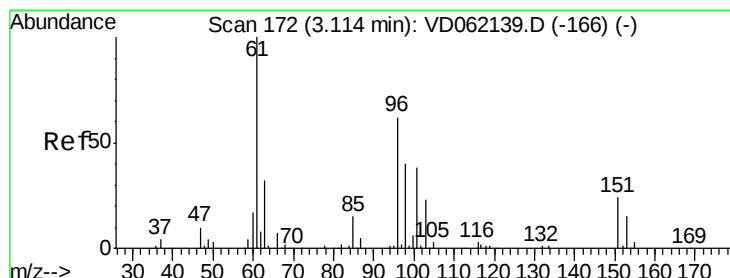
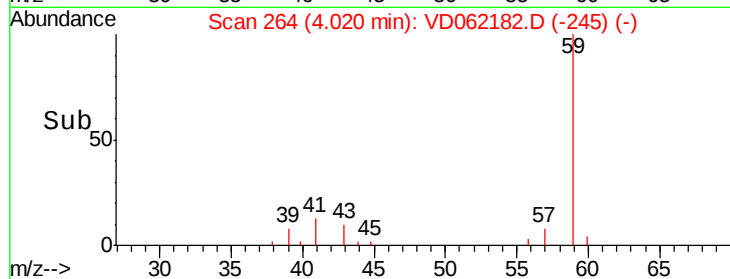
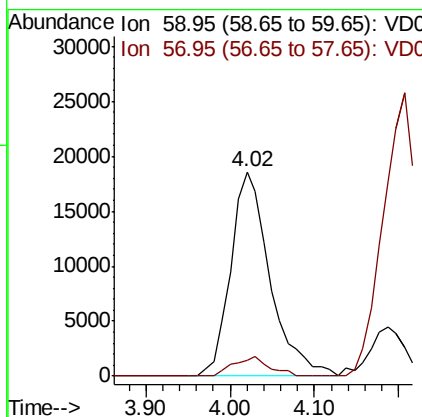
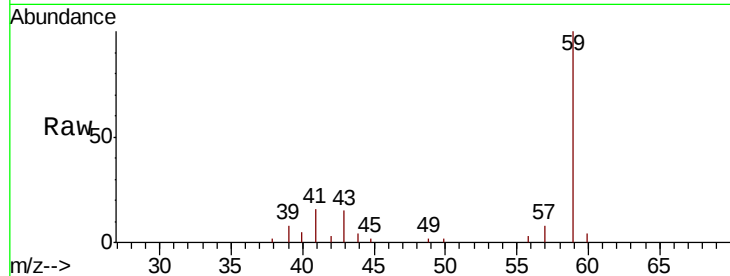


#11

Tert butyl alcohol
 Concen: 297.628 ug/l
 RT: 4.02 min Scan# 264
 Delta R.T. -0.01 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-01MS

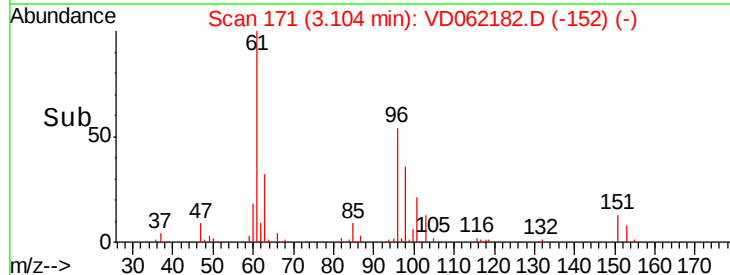
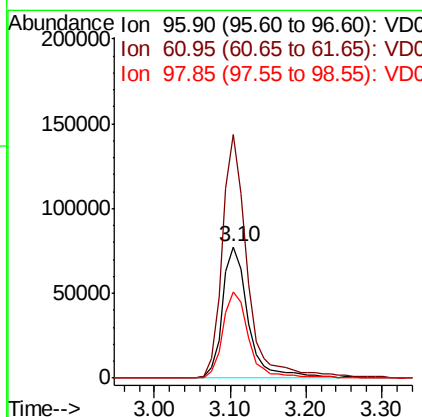
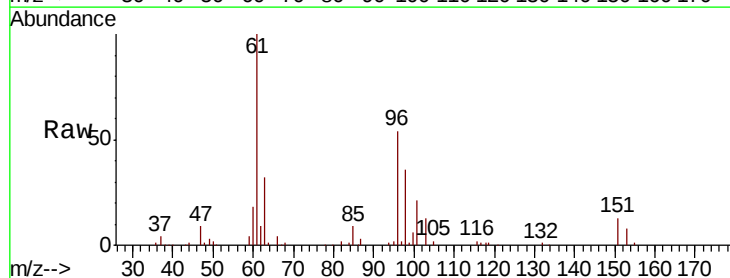
Tot Ion: 59 Resp: 60442
 Ion Ratio Lower Upper
 59 100
 57 7.8 6.9 10.3

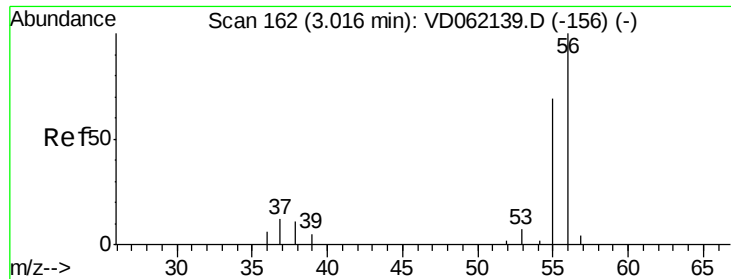


#12

1,1-Dichloroethene
 Concen: 56.134 ug/l
 RT: 3.10 min Scan# 171
 Delta R.T. -0.01 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Tgt Ion: 96 Resp: 183237
 Ion Ratio Lower Upper
 96 100
 61 185.3 129.8 194.8
 98 65.8 51.2 76.8





#13

Acrolein

Concen: 62.339 ug/l

RT: 3.01 min Scan# 161

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

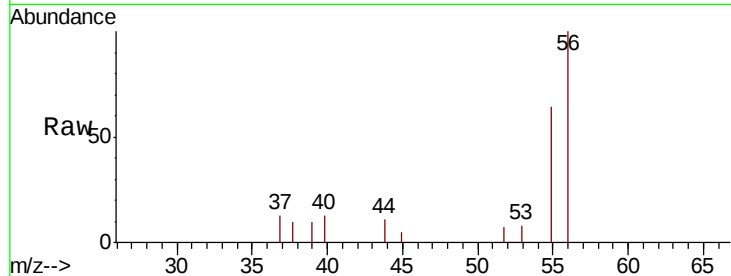
P026-SS002-1218-01MS

Tot Ion: 56 Resp: 13094

Ion Ratio Lower Upper

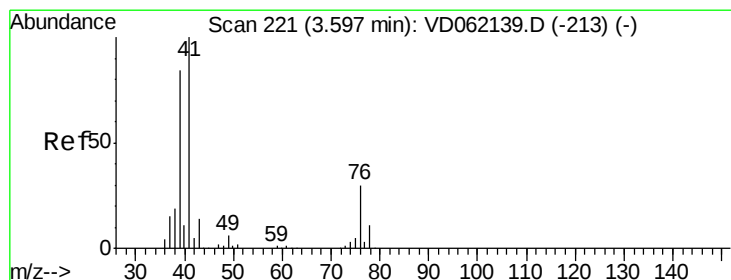
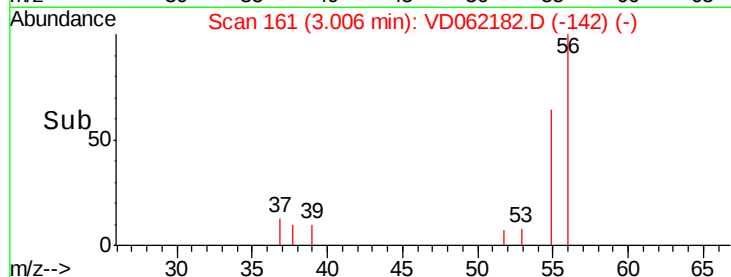
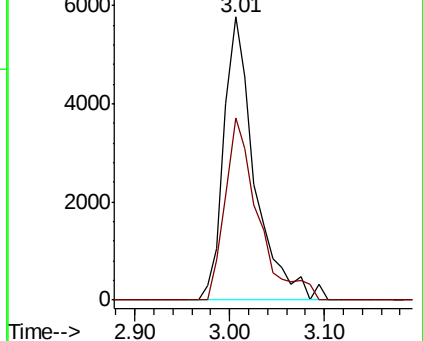
56 100

55 64.4 51.4 77.2



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 58.218 ug/l

RT: 3.60 min Scan# 221

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

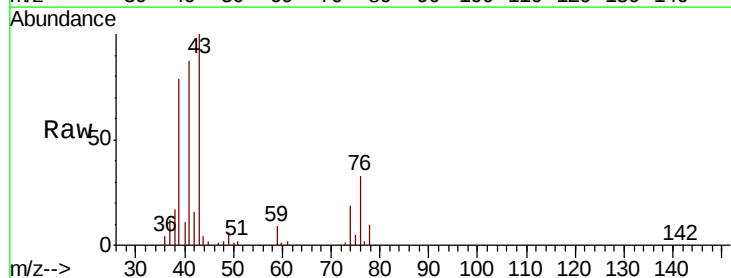
Tgt Ion: 41 Resp: 276315

Ion Ratio Lower Upper

41 100

39 90.6 60.5 90.7

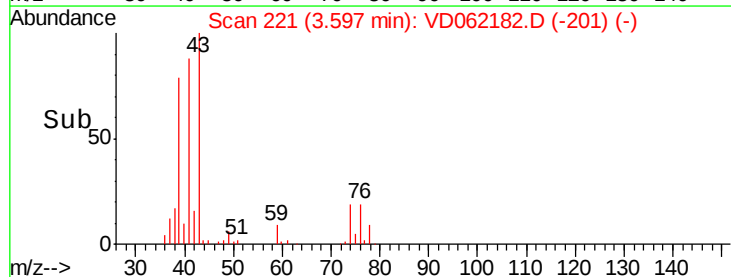
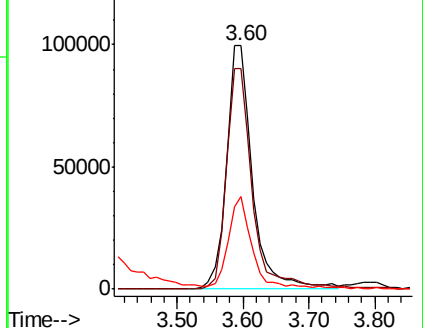
76 38.1 31.8 47.8

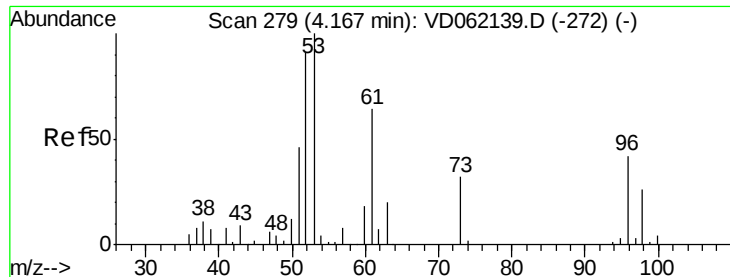


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 289.516 ug/l

RT: 4.16 min Scan# 278

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01MS

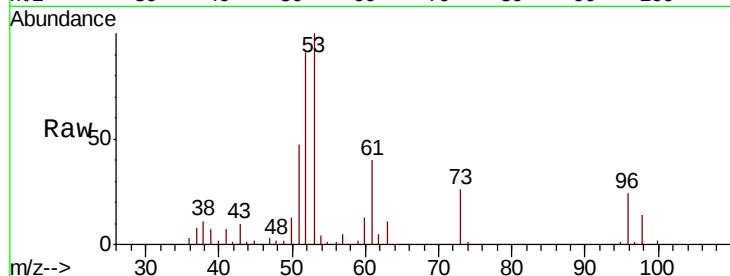
Tot Ion: 53 Resp: 154539

Ion Ratio Lower Upper

53 100

52 90.9 65.0 97.4

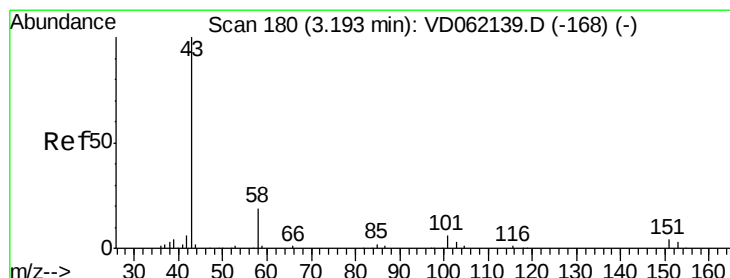
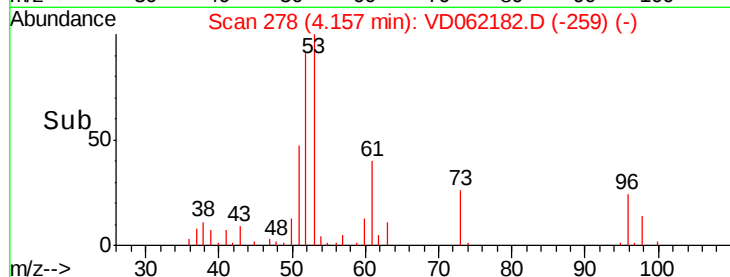
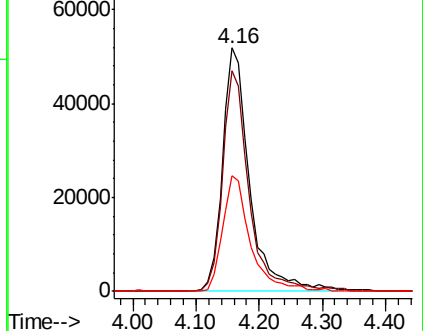
51 47.4 32.6 48.8



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: 228.998 ug/l

RT: 3.19 min Scan# 180

Delta R.T. -0.00 min

Lab File: VD062182.D

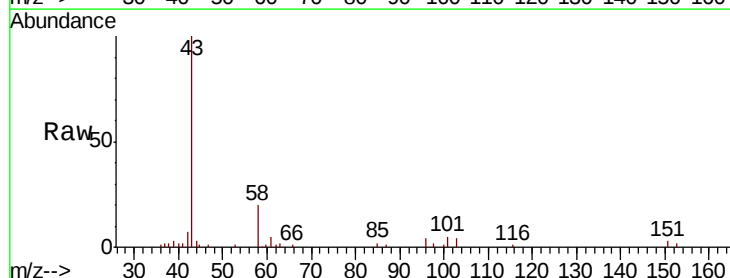
Acq: 8 May 2019 18:59

Tgt Ion: 43 Resp: 191059

Ion Ratio Lower Upper

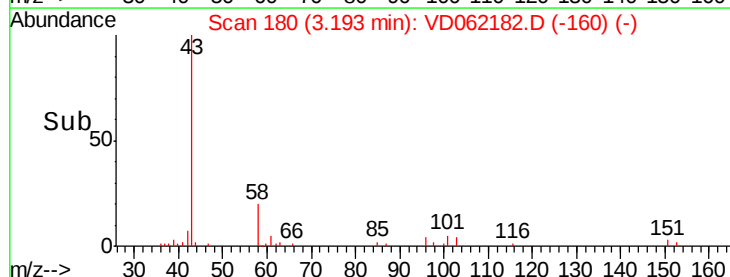
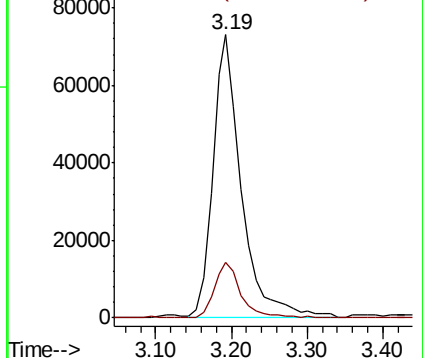
43 100

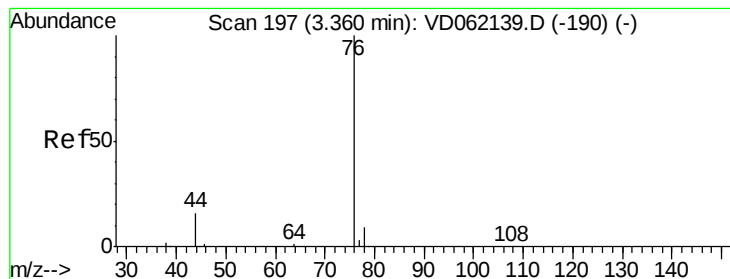
58 19.8 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 51.558 ug/l

RT: 3.35 min Scan# 196

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

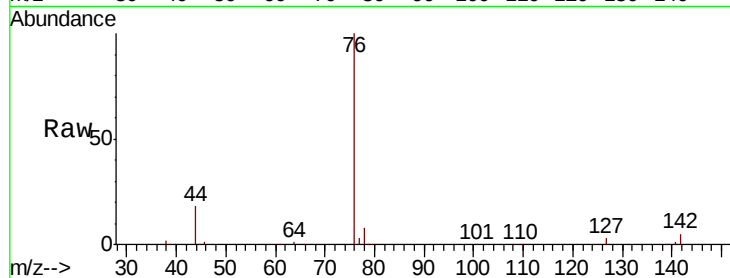
P026-SS002-1218-01MS

Tot Ion: 76 Resp: 484144

Ion Ratio Lower Upper

76 100

78 8.4 7.2 10.8



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

3.35

200000

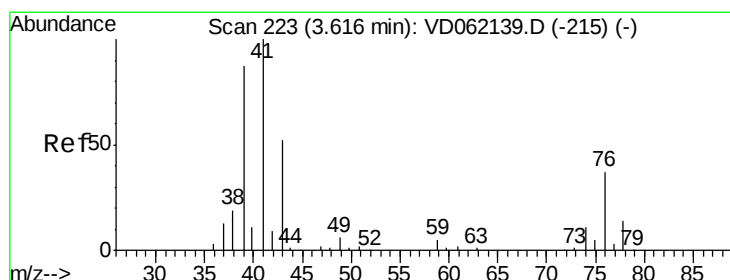
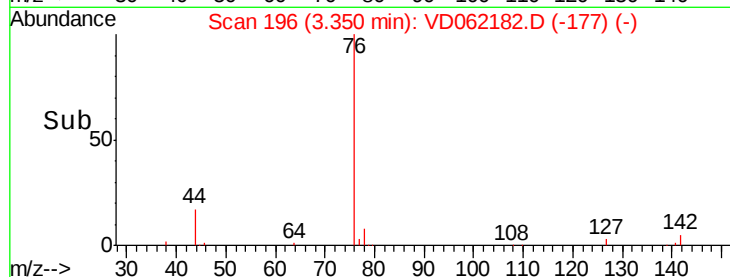
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 257.022 ug/l

RT: 3.61 min Scan# 222

Delta R.T. -0.01 min

Lab File: VD062182.D

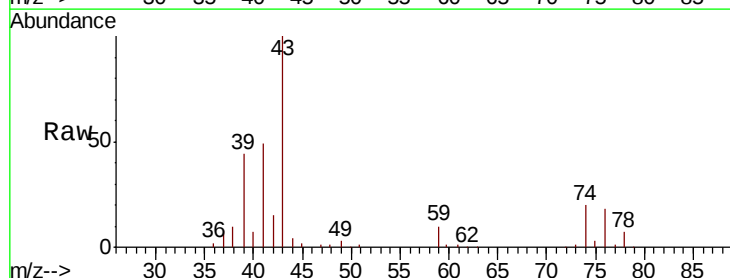
Acq: 8 May 2019 18:59

Tgt Ion: 43 Resp: 381649

Ion Ratio Lower Upper

43 100

74 20.2 18.0 27.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

3.61

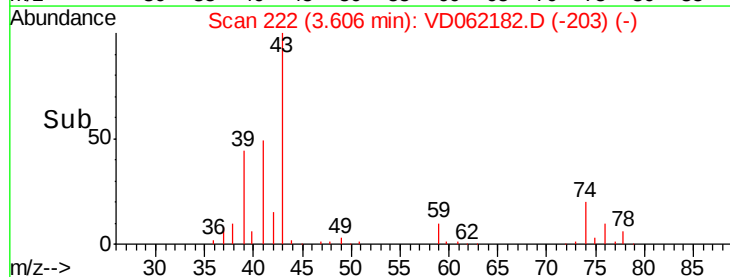
150000

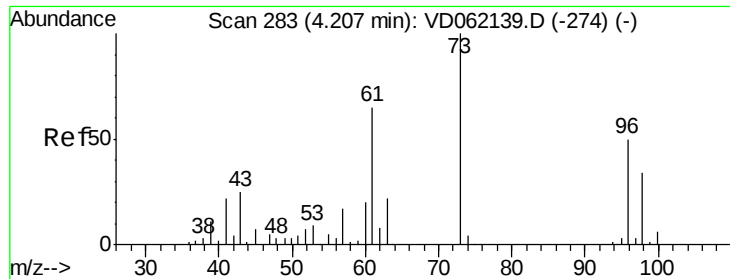
100000

50000

0

Time-->

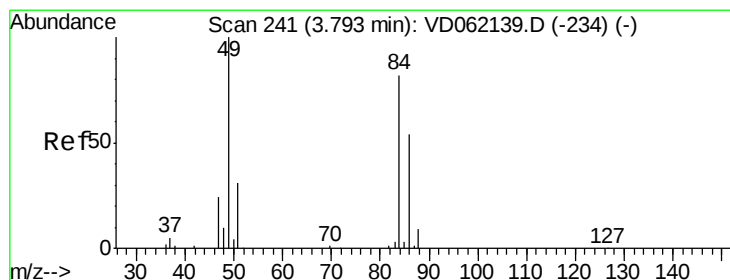
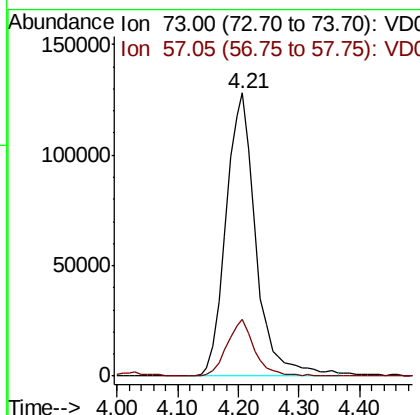
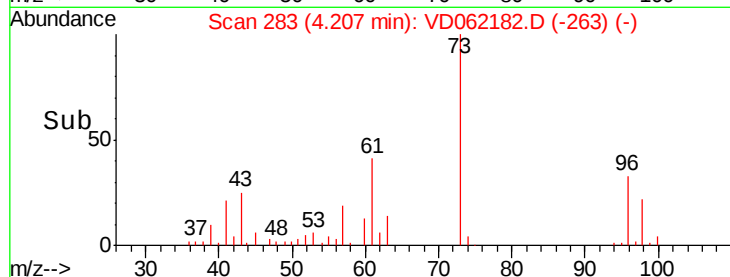
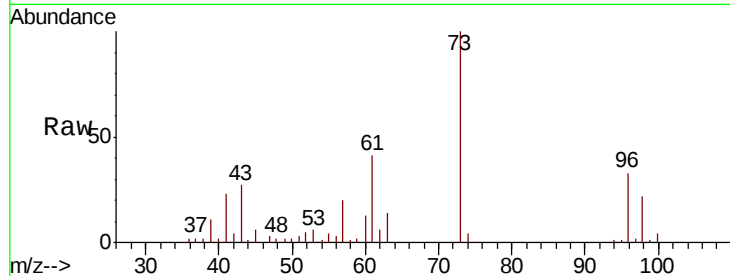




#19
Methyl tert-butyl Ether
Concen: 62.624 ug/l
RT: 4.21 min Scan# 283
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

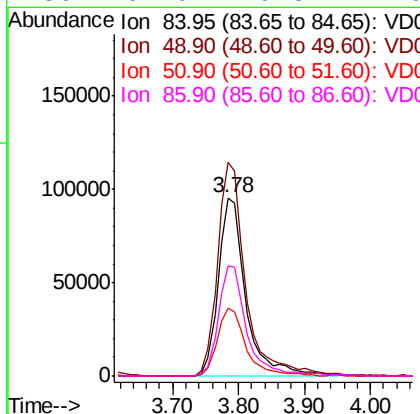
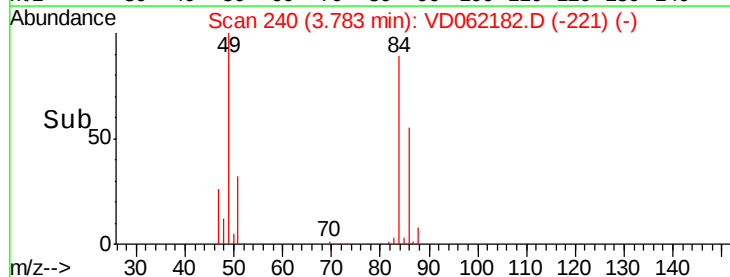
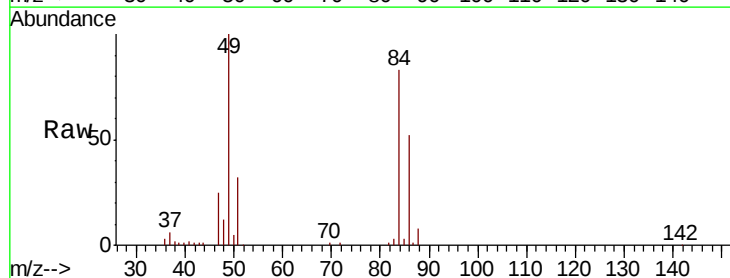
Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion: 73 Resp: 438166
Ion Ratio Lower Upper
73 100
57 20.1 16.3 24.5



#20
Methylene Chloride
Concen: 79.837 ug/l
RT: 3.78 min Scan# 240
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion: 84 Resp: 278124
Ion Ratio Lower Upper
84 100
49 119.8 94.0 141.0
51 37.9 29.0 43.4
86 62.0 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 57.002 ug/l

RT: 4.19 min Scan# 281

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01MS

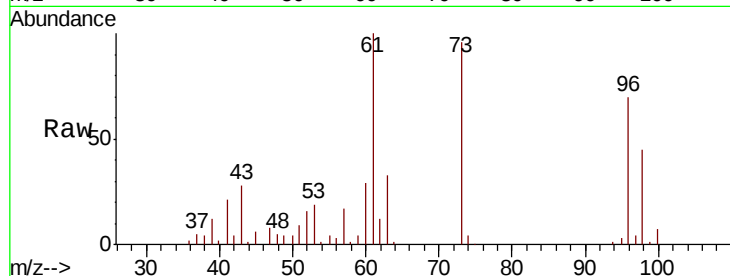
Tot Ion: 96 Resp: 207054

Ion Ratio Lower Upper

96 100

61 143.5 104.4 156.6

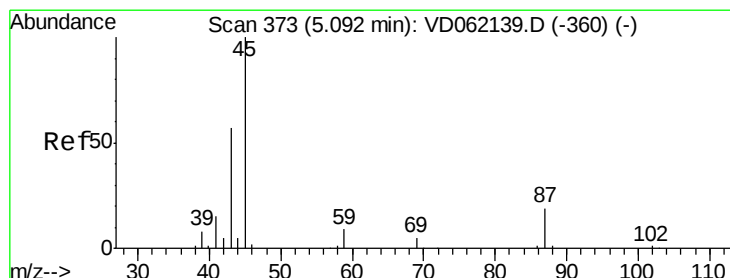
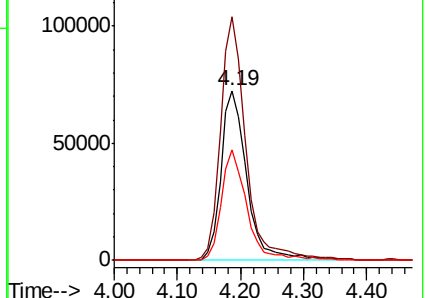
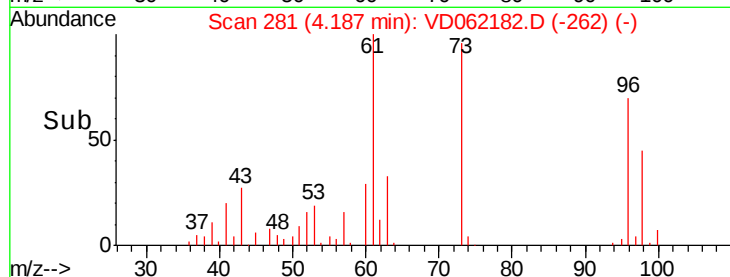
98 65.2 51.8 77.8



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



#22

Diisopropyl ether

Concen: 64.249 ug/l

RT: 5.08 min Scan# 372

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Tgt Ion: 45 Resp: 648905

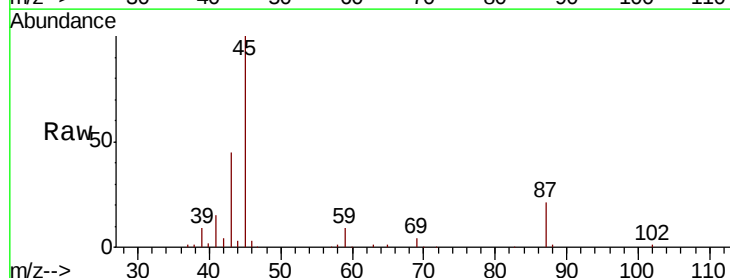
Ion Ratio Lower Upper

45 100

43 44.9 46.2 69.2#

87 21.0 15.9 23.9

59 9.3 7.9 11.9

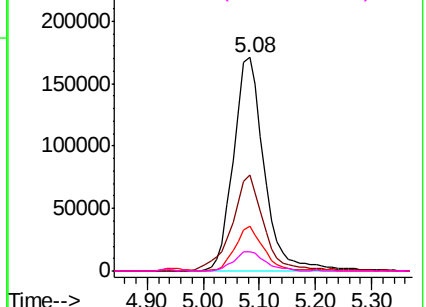
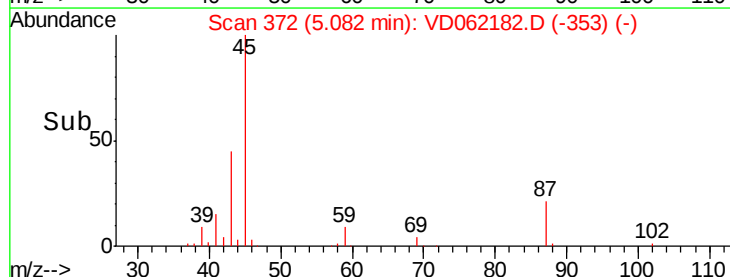


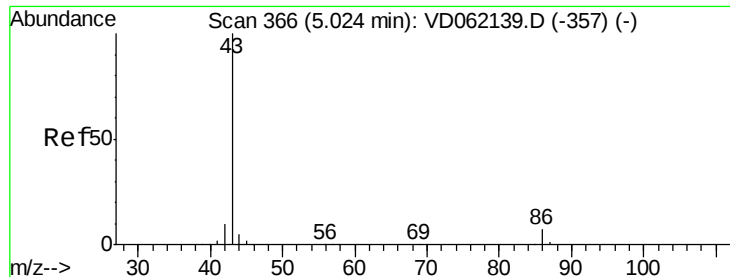
Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 55.377 ug/l

RT: 5.08 min Scan# 372

Delta R.T. 0.06 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

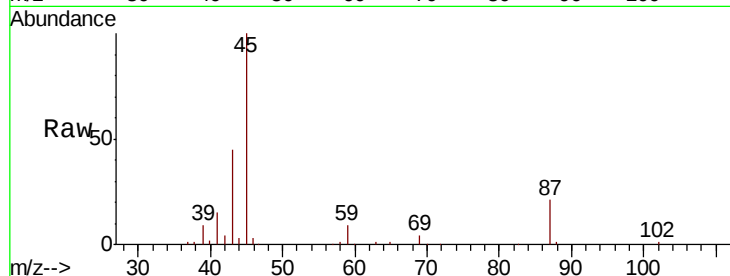
P026-SS002-1218-01MS

Tot Ion: 43 Resp: 295090

Ion Ratio Lower Upper

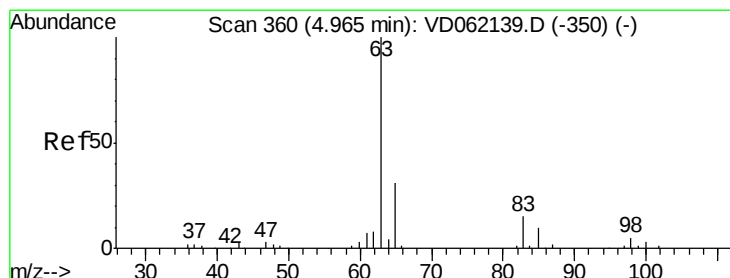
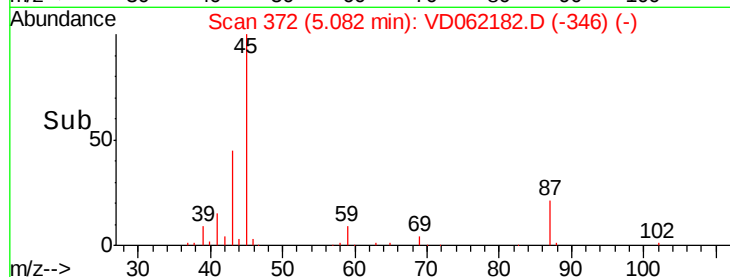
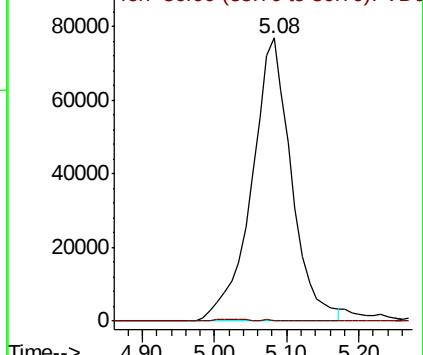
43 100

86 0.0 6.4 9.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 59.745 ug/l

RT: 4.94 min Scan# 358

Delta R.T. -0.02 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

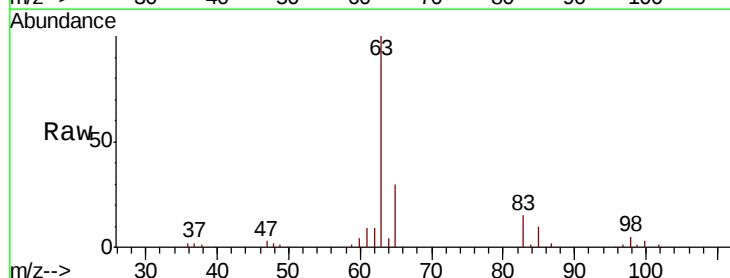
Tgt Ion: 63 Resp: 364017

Ion Ratio Lower Upper

63 100

98 6.0 2.8 8.4

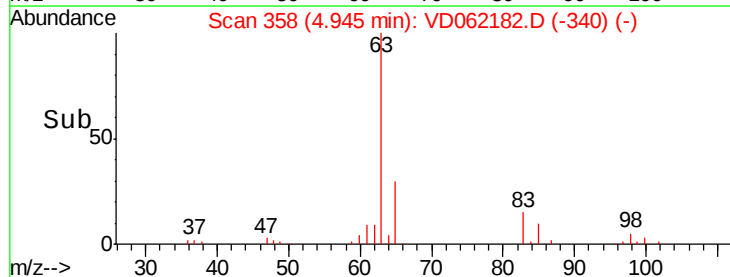
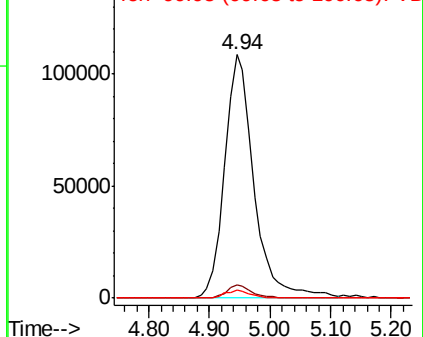
100 3.4 1.8 5.5



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 276.103 ug/l

RT: 6.03 min Scan# 468

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

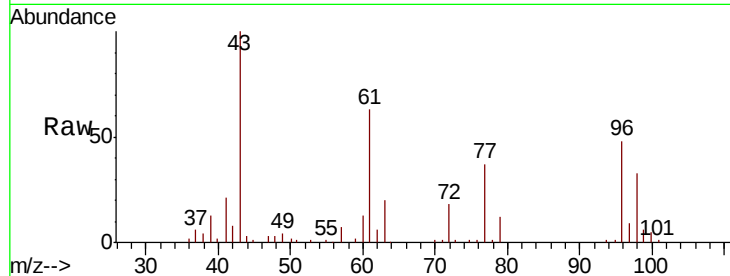
P026-SS002-1218-01MS

Tot Ion: 43 Resp: 251268

Ion Ratio Lower Upper

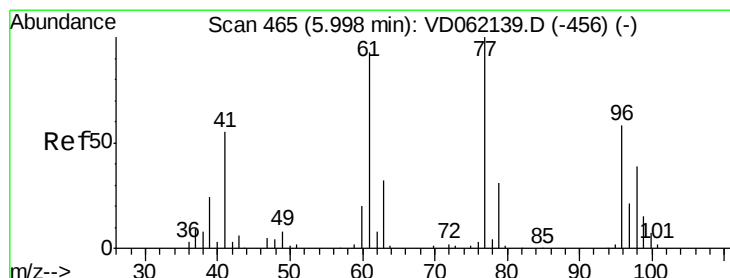
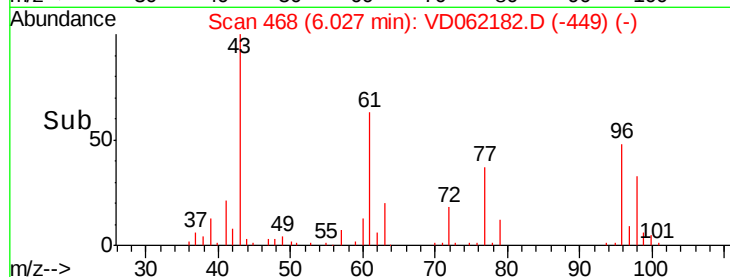
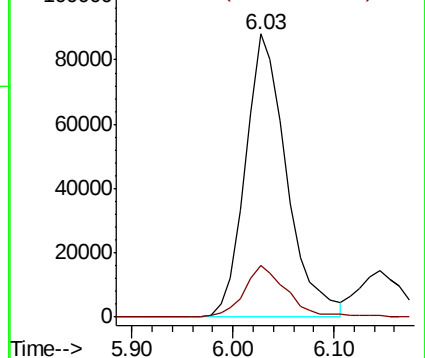
43 100

72 18.2 16.2 24.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 58.067 ug/l

RT: 5.99 min Scan# 464

Delta R.T. -0.01 min

Lab File: VD062182.D

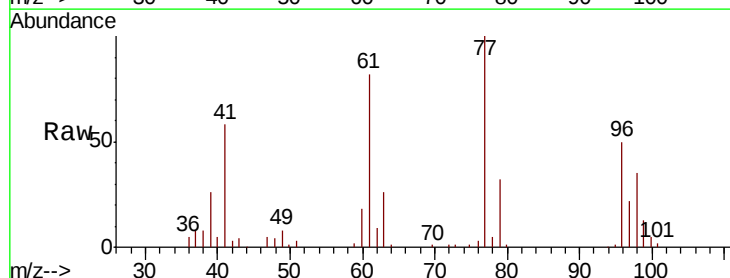
Acq: 8 May 2019 18:59

Tgt Ion: 77 Resp: 352421

Ion Ratio Lower Upper

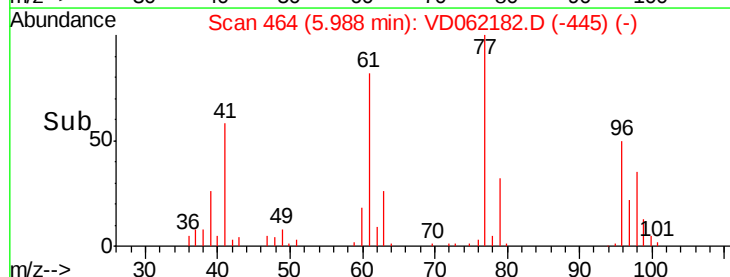
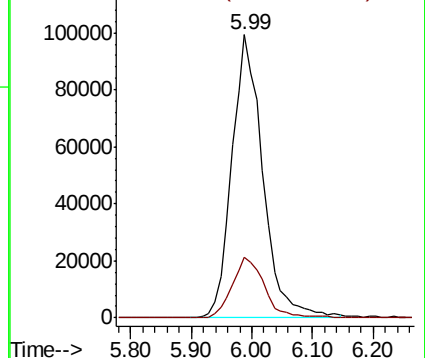
77 100

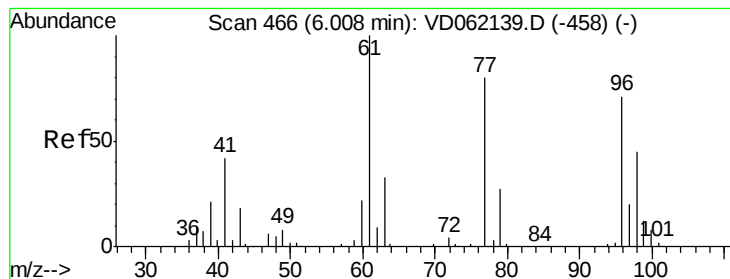
97 21.6 11.9 35.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



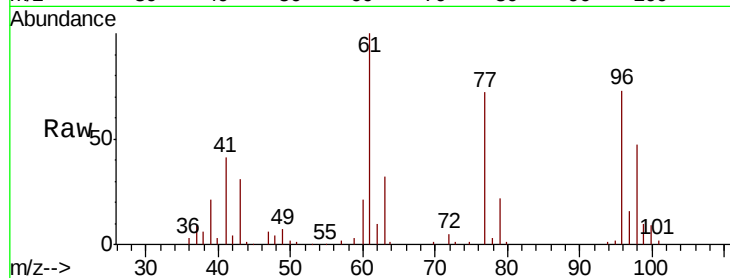


#27

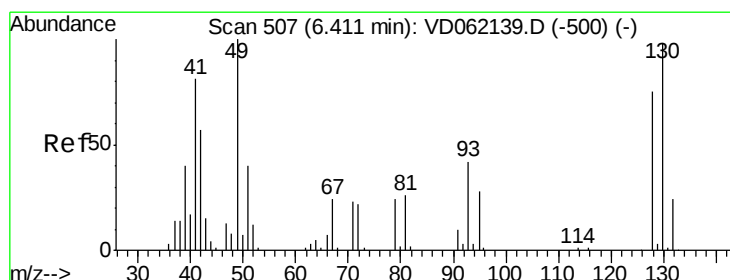
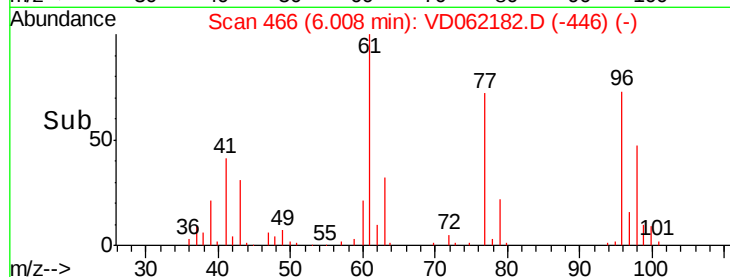
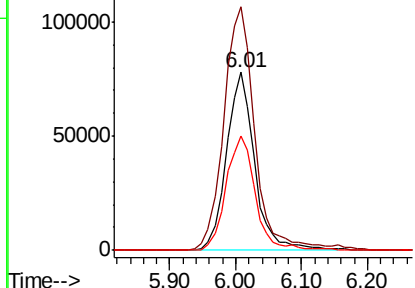
cis-1,2-Dichloroethene
 Concen: 57.644 ug/l
 RT: 6.01 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion: 96 Resp: 234369
 Ion Ratio Lower Upper
 96 100
 61 136.7 0.0 279.8
 98 64.2 0.0 136.0



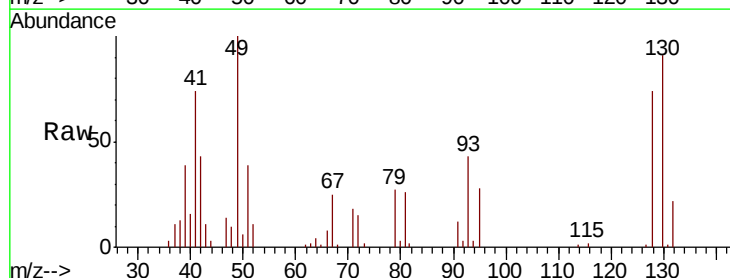
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC



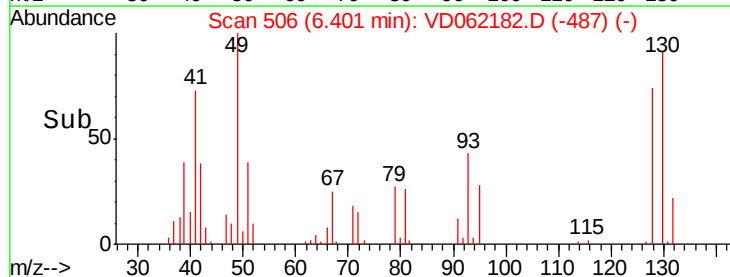
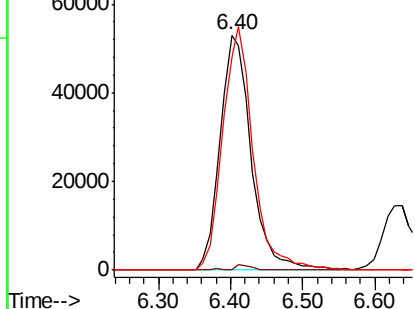
#28

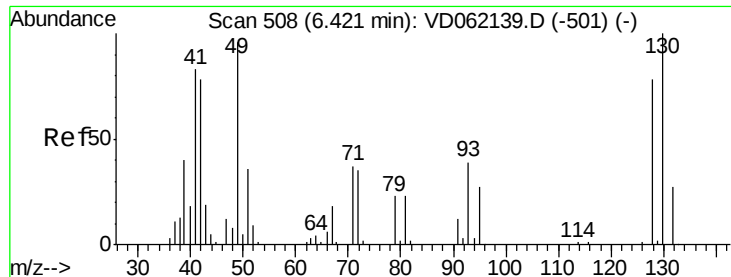
Bromochloromethane
 Concen: 65.865 ug/l
 RT: 6.40 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Tgt Ion: 49 Resp: 157888
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 6.6
 130 90.7 86.7 130.1



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

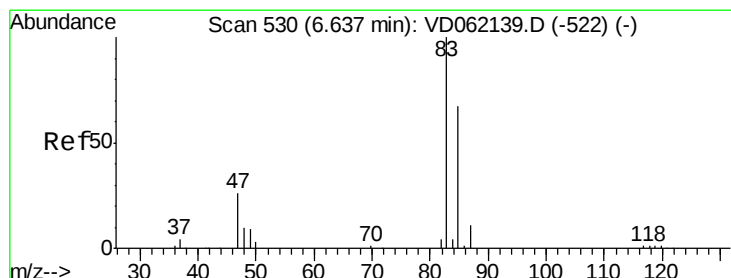
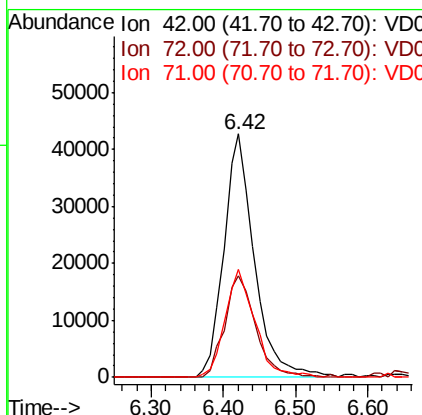
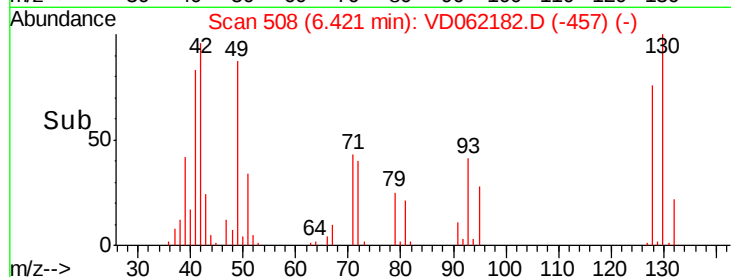
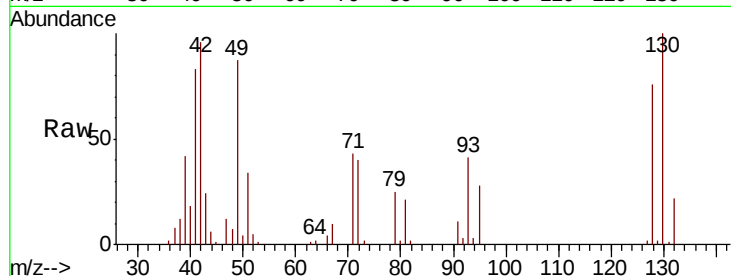




#29
Tetrahydrofuran
Concen: 298.633 ug/l
RT: 6.42 min Scan# 508
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

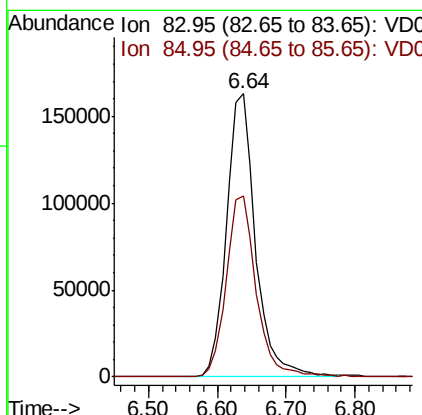
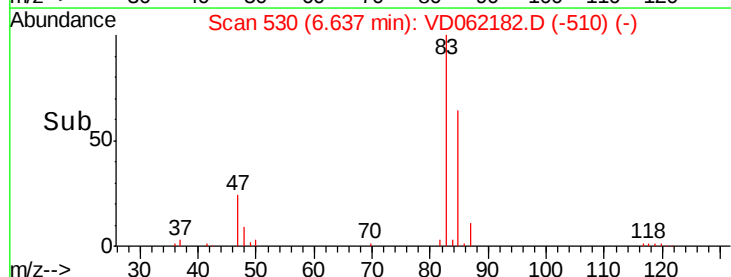
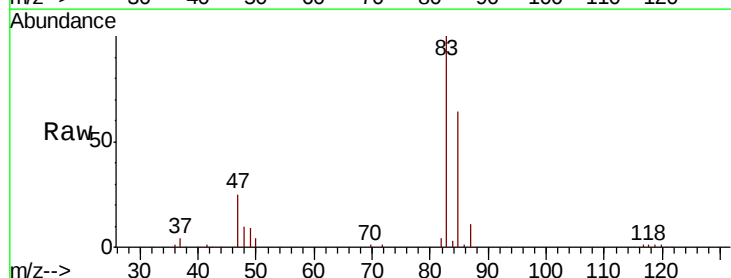
Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

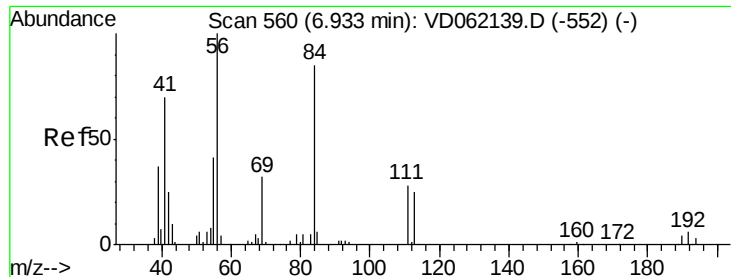
Tot Ion: 42 Resp: 125221
Ion Ratio Lower Upper
42 100
72 42.4 37.8 56.6
71 43.6 36.7 55.1



#30
Chloroform
Concen: 64.591 ug/l
RT: 6.64 min Scan# 530
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion: 83 Resp: 474292
Ion Ratio Lower Upper
83 100
85 63.7 51.7 77.5

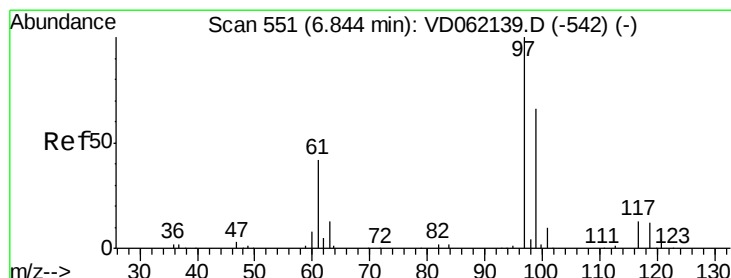
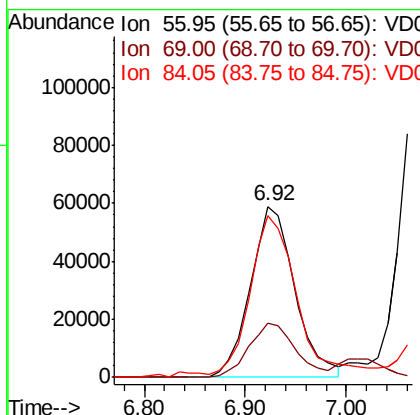
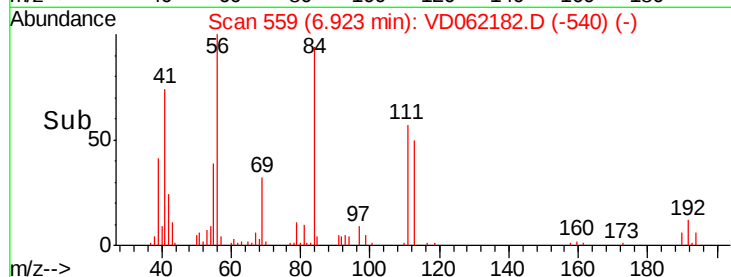
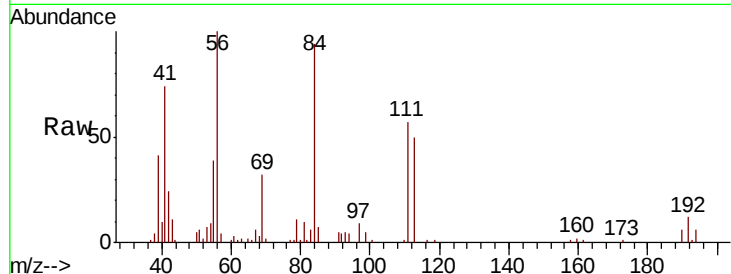




#31
Cyclohexane
Concen: 43.189 ug/l
RT: 6.92 min Scan# 559
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

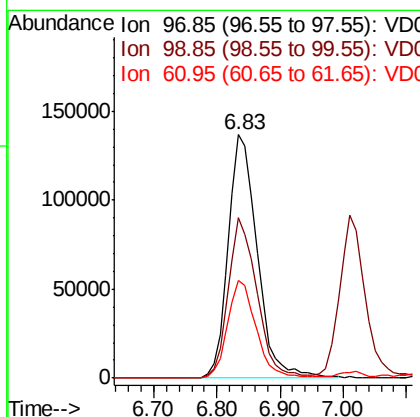
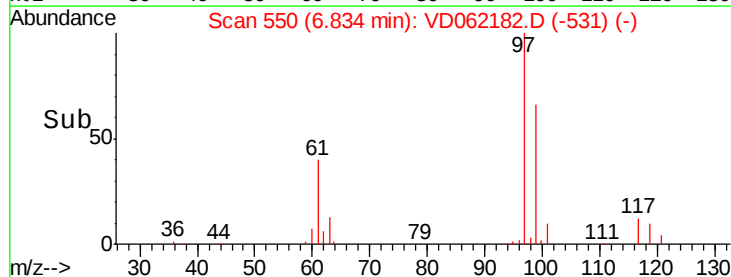
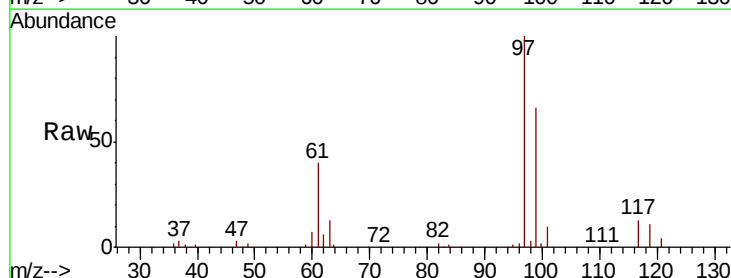
Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion: 56 Resp: 180283
Ion Ratio Lower Upper
56 100
69 31.9 25.8 38.6
84 94.4 72.2 108.4



#32
1,1,1-Trichloroethane
Concen: 62.640 ug/l
RT: 6.83 min Scan# 550
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion: 97 Resp: 434750
Ion Ratio Lower Upper
97 100
99 66.0 52.2 78.2
61 40.2 32.4 48.6





#33

1,2-Dichloroethane-d4

Concen: 61.597 ug/l

RT: 7.42 min Scan# 610

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

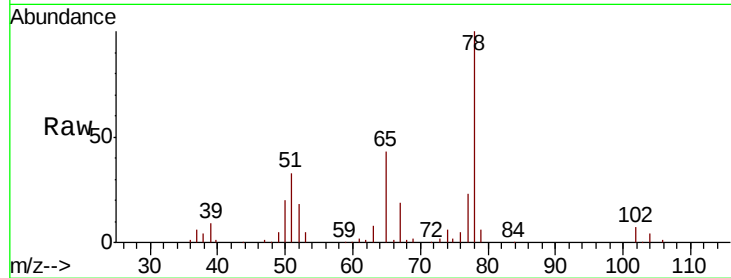
P026-SS002-1218-01MS

Tot Ion: 65 Resp: 245062

Ion Ratio Lower Upper

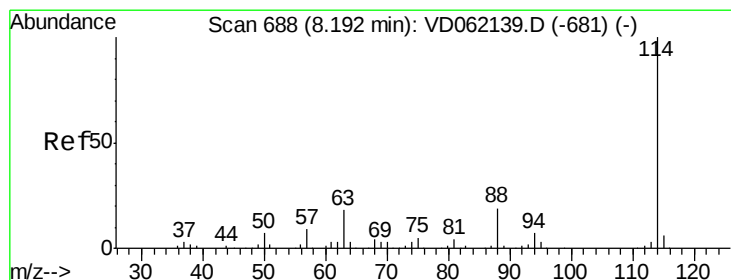
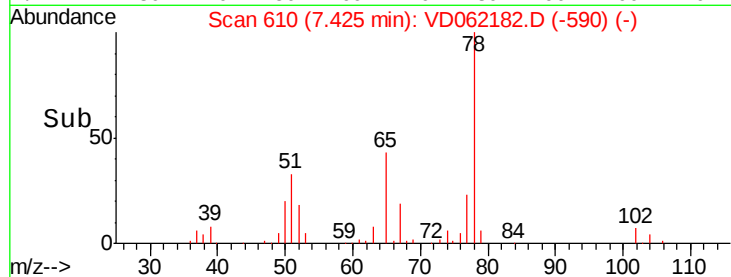
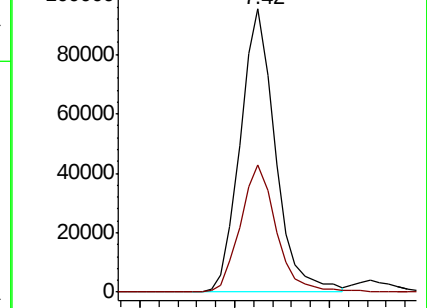
65 100

67 44.7 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.19 min Scan# 688

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

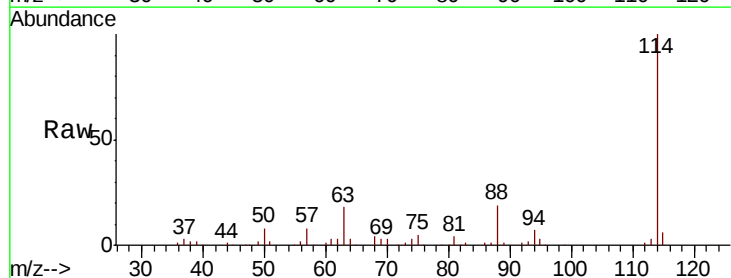
Tgt Ion: 114 Resp: 582924

Ion Ratio Lower Upper

114 100

63 17.9 0.0 32.4

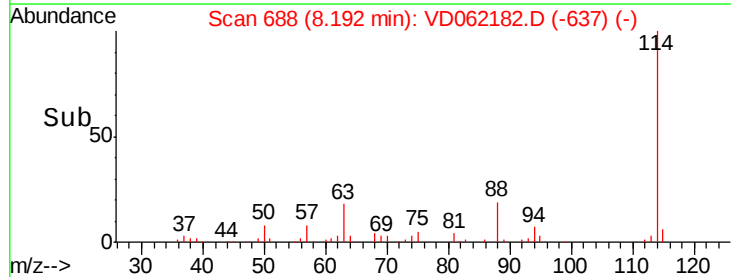
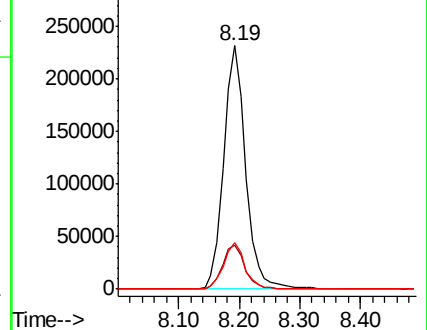
88 18.9 0.0 33.6

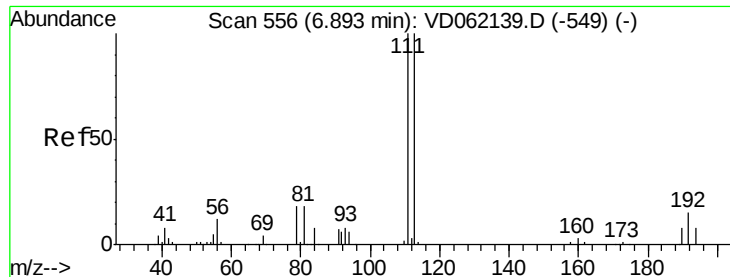


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

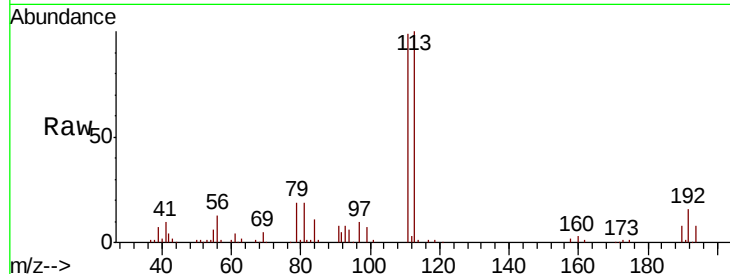




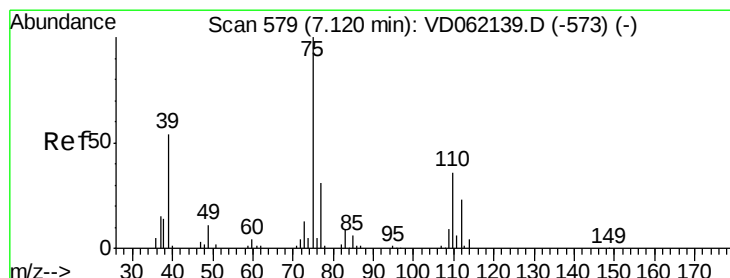
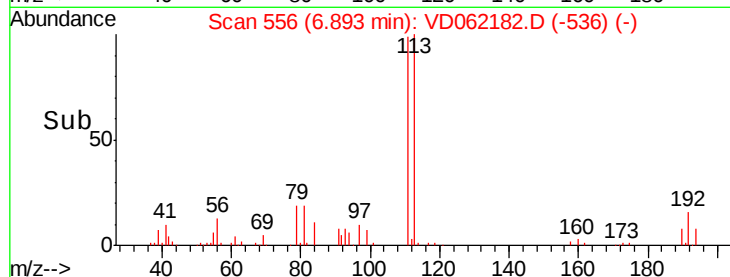
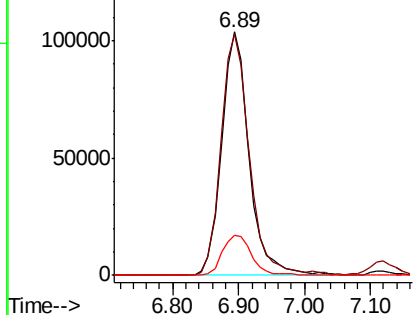
#35
 Dibromofluoromethane
 Concen: 62.414 ug/l
 RT: 6.89 min Scan# 556
 Delta R.T. -0.00 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.2	78.5	117.7
192	16.5	13.0	19.4

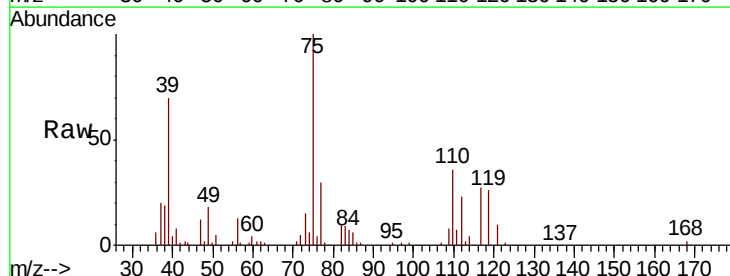


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

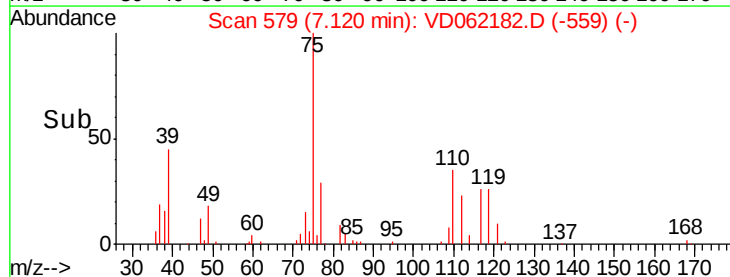
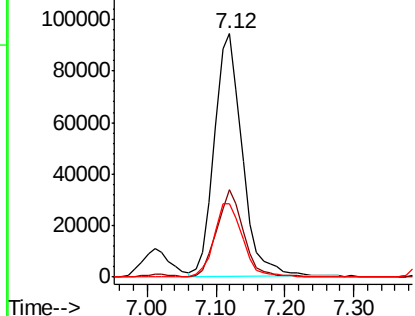


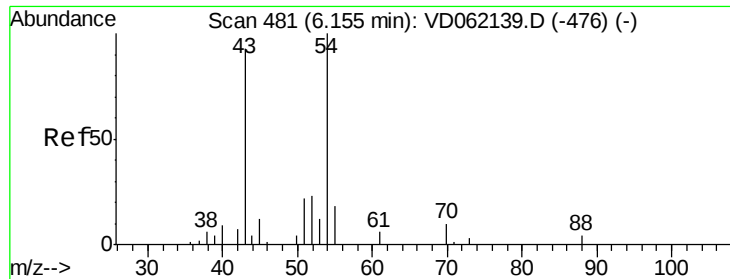
#36
 1,1-Dichloropropene
 Concen: 55.410 ug/l
 RT: 7.12 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	19.1	57.1
77	30.1	25.6	38.4



Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 22.468 ug/l

RT: 6.15 min Scan# 480

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01MS

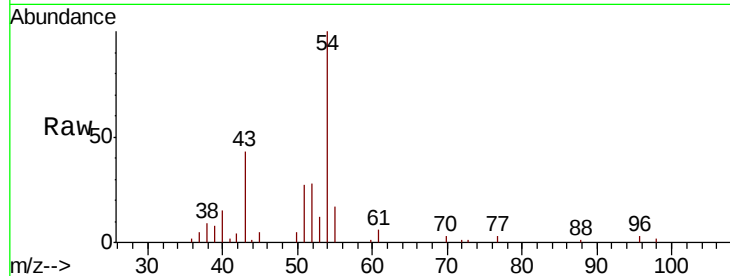
Tot Ion: 43 Resp: 45540

Ion Ratio Lower Upper

43 100

61 14.9 14.7 22.1

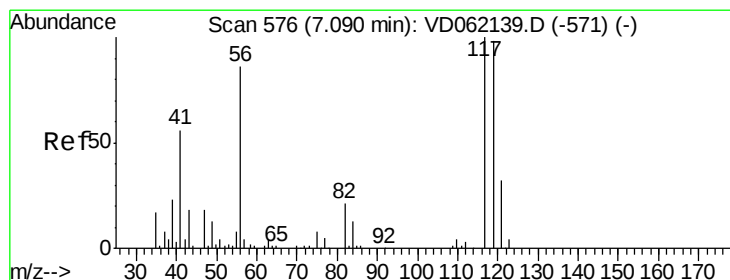
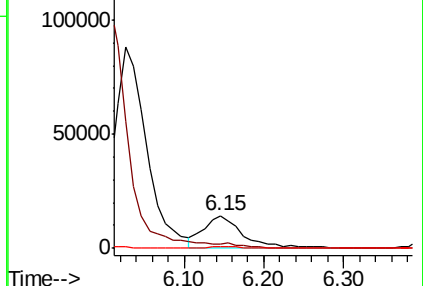
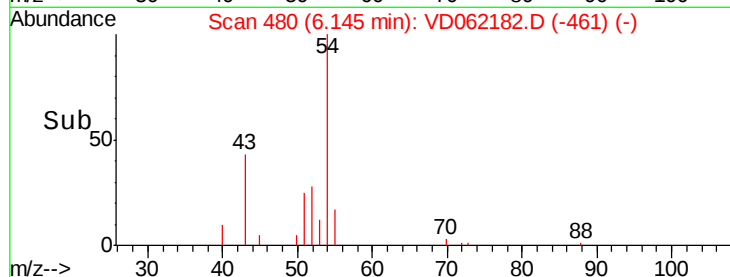
70 6.2 7.8 11.6#



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: 67.982 ug/l

RT: 7.08 min Scan# 575

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

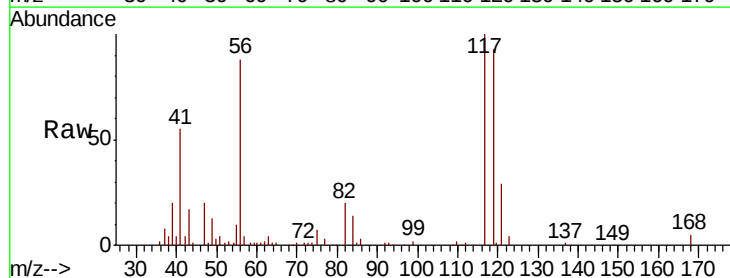
Tgt Ion: 117 Resp: 449713

Ion Ratio Lower Upper

117 100

119 93.5 75.8 113.8

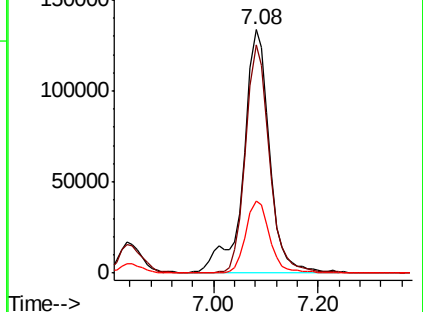
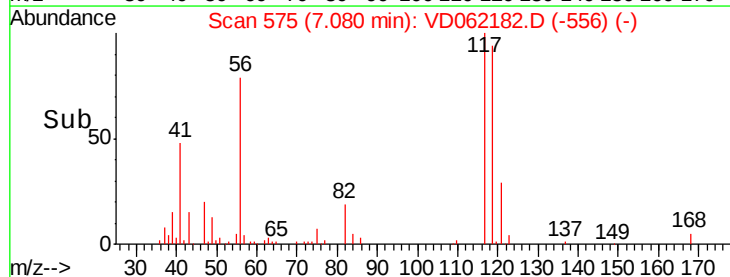
121 29.4 25.9 38.9

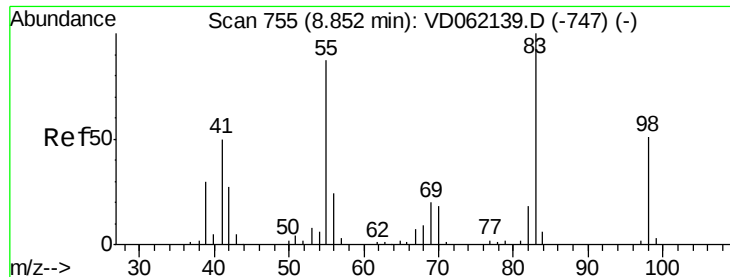


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

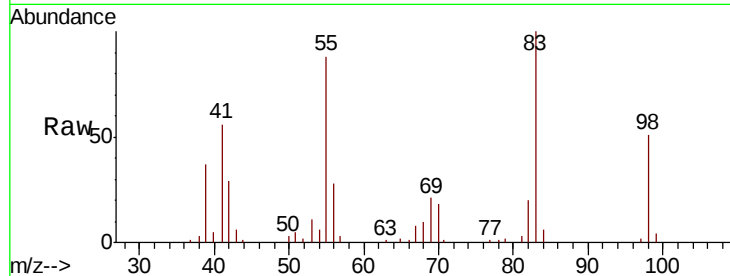




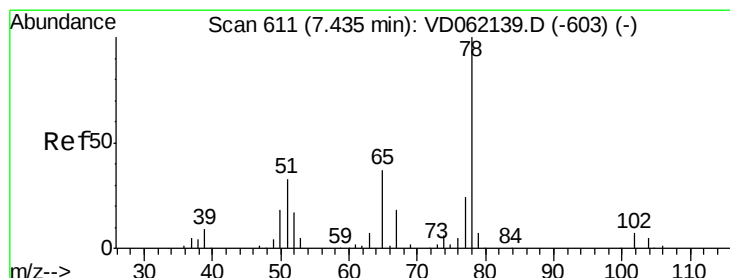
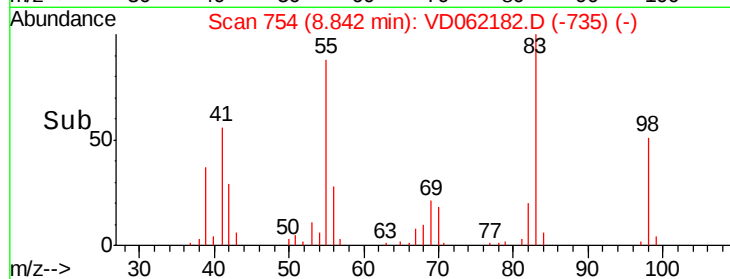
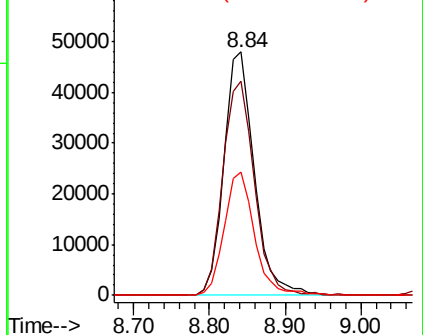
#39
Methvlcvclohexane
Concen: 29.099 ug/l
RT: 8.84 min Scan# 754
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion: 83 Resp: 133250
Ion Ratio Lower Upper
83 100
55 87.9 68.2 102.4
98 50.5 38.2 57.4

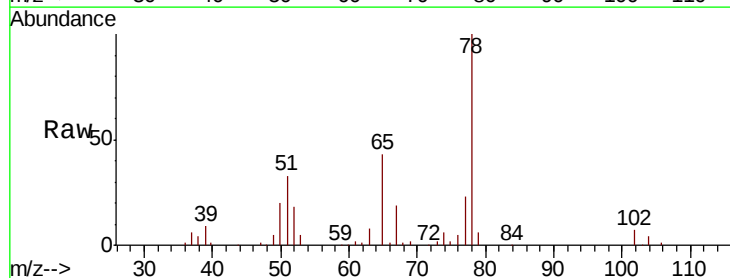


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

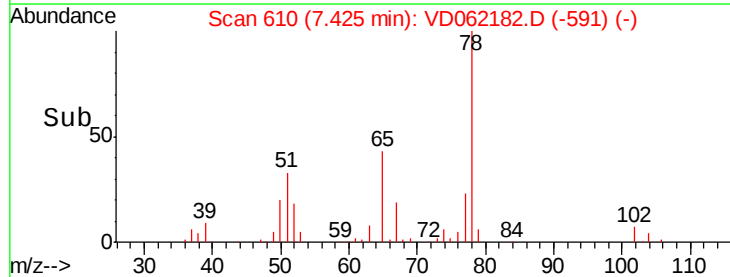
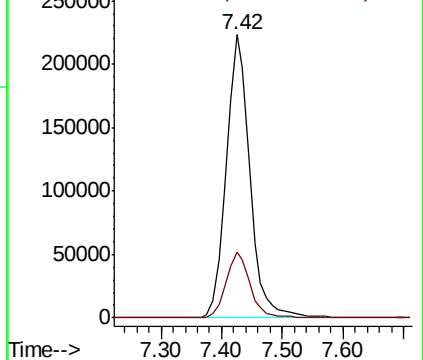


#40
Benzene
Concen: 55.913 ug/l
RT: 7.42 min Scan# 610
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion: 78 Resp: 603444
Ion Ratio Lower Upper
78 100
77 23.2 19.7 29.5



Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC

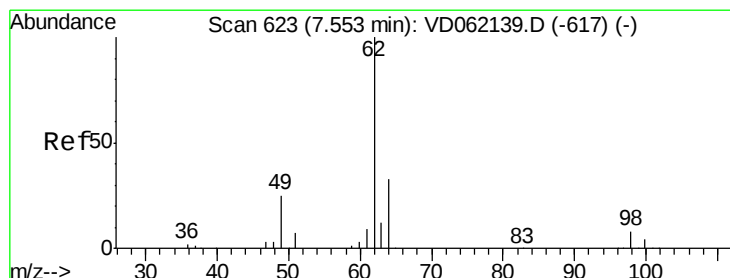
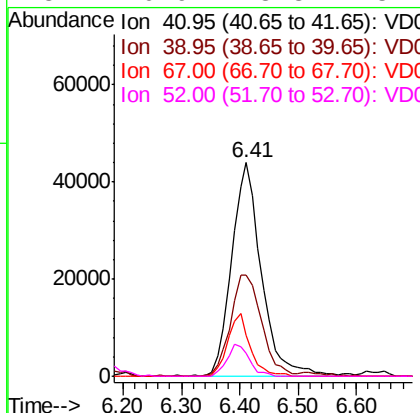
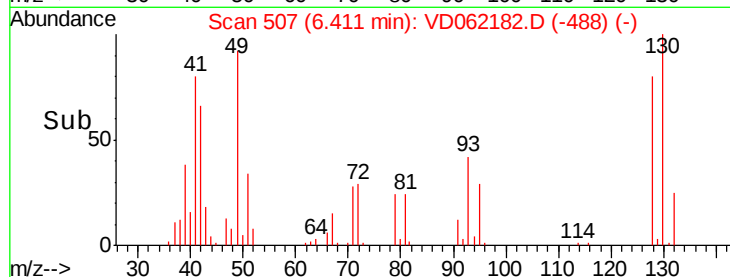
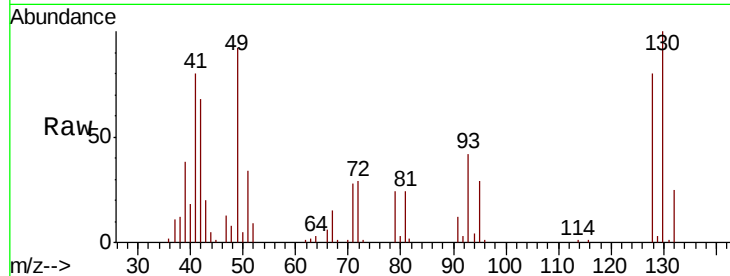




#41
Methacrylonitrile
Concen: 62.769 ug/l
RT: 6.41 min Scan# 507
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

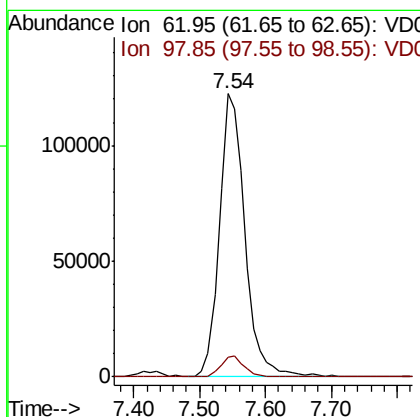
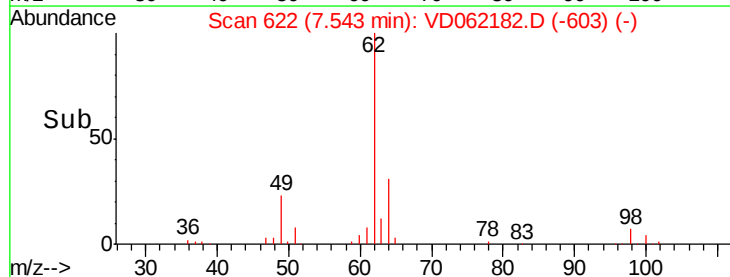
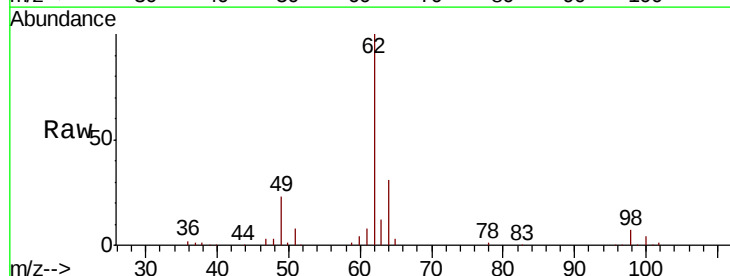
Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

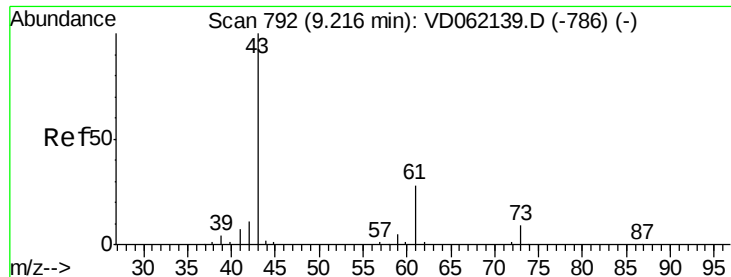
Tot Ion: 41 Resp: 155475
Ion Ratio Lower Upper
41 100
39 47.1 34.1 51.1
67 19.3 23.8 35.6#
52 10.9 8.8 13.2



#42
1,2-Dichloroethane
Concen: 72.070 ug/l
RT: 7.54 min Scan# 622
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion: 62 Resp: 329546
Ion Ratio Lower Upper
62 100
98 7.0 0.0 17.8





#43

Isopropyl Acetate

Concen: 16.249 ug/l

RT: 9.22 min Scan# 792

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01MS

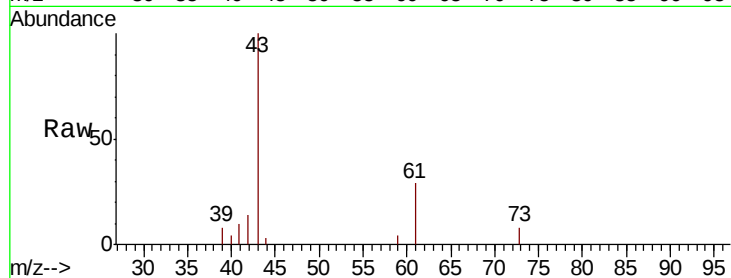
Tot Ion: 43 Resp: 46710

Ion Ratio Lower Upper

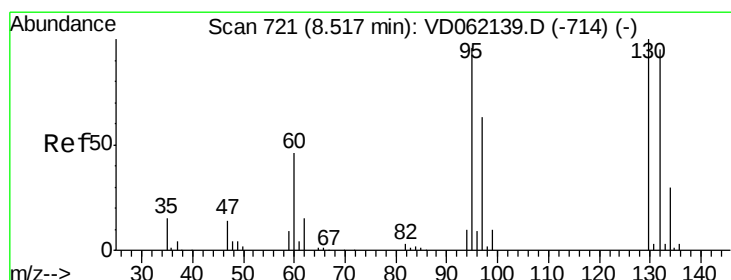
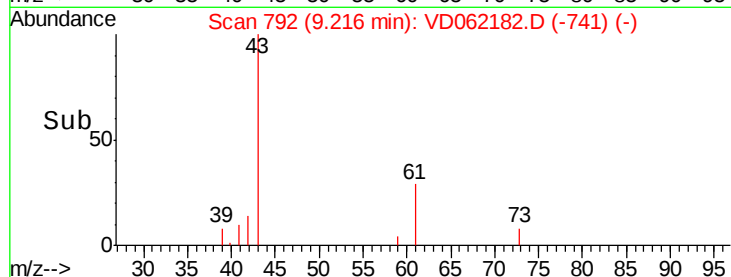
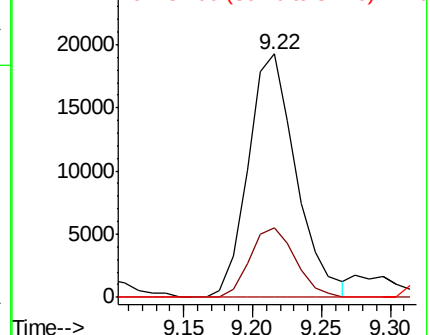
43 100

61 28.8 25.1 37.7

87 0.0 0.0 0.0



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



#44

Trichloroethene

Concen: 53.416 ug/l

RT: 8.52 min Scan# 721

Delta R.T. -0.00 min

Lab File: VD062182.D

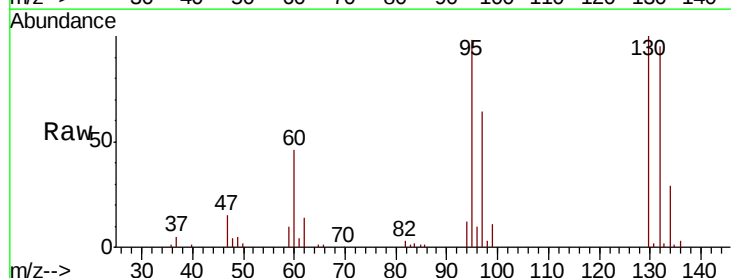
Acq: 8 May 2019 18:59

Tgt Ion:130 Resp: 219677

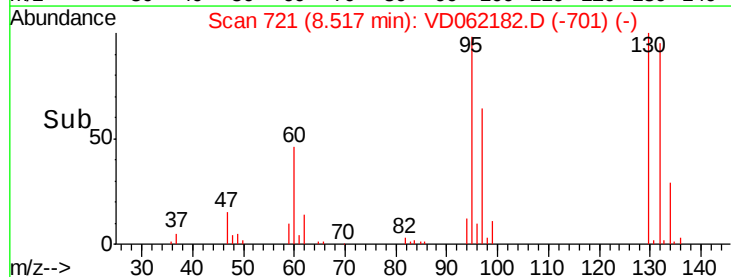
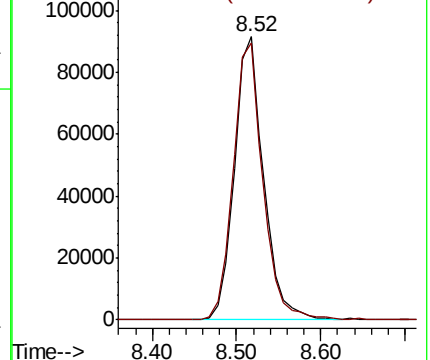
Ion Ratio Lower Upper

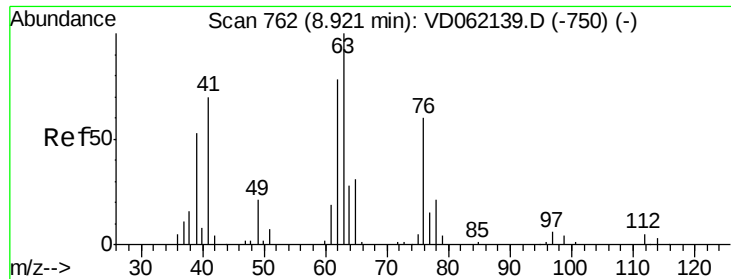
130 100

95 97.8 0.0 174.0



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

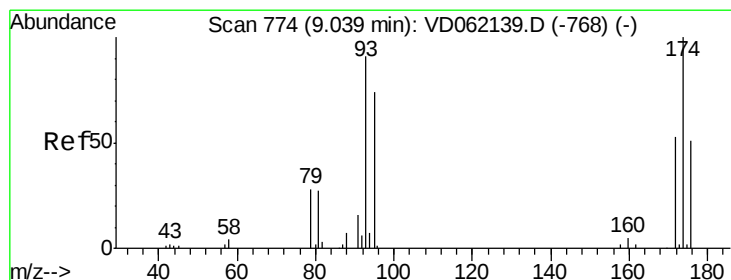
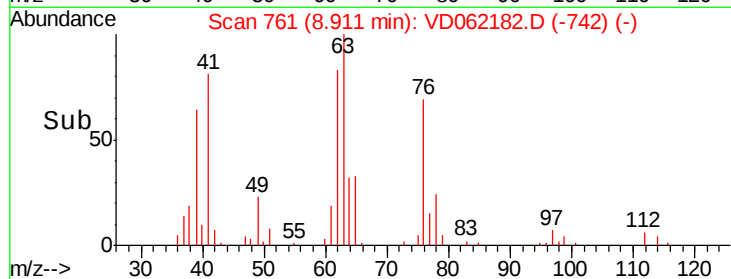
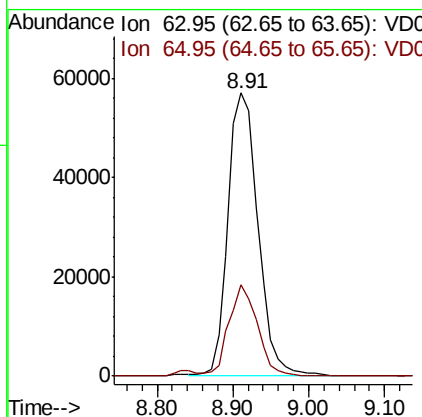
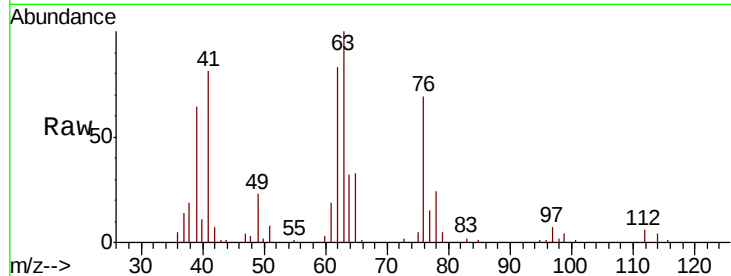




#45
 1,2-Dichloropropane
 Concen: 58.600 ug/l
 RT: 8.91 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

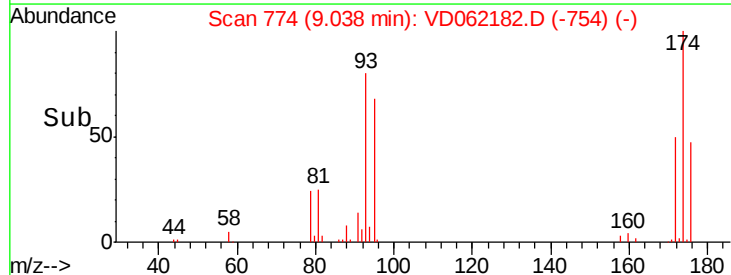
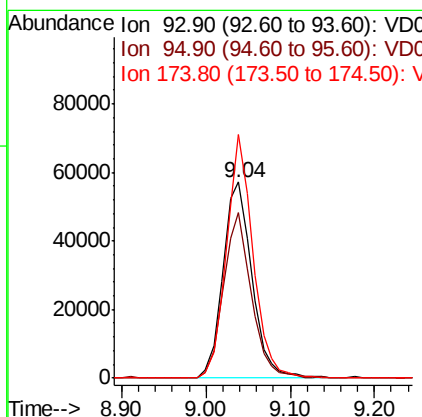
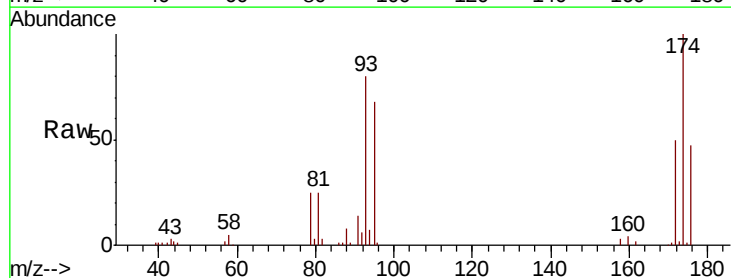
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-01MS

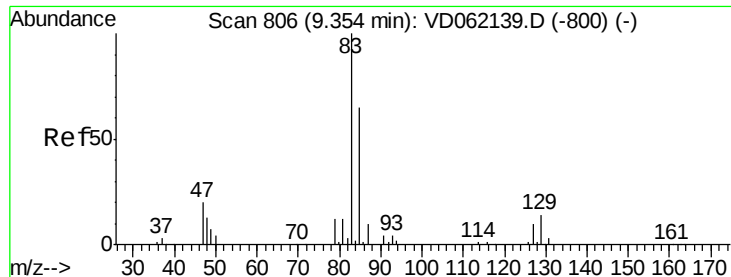
Tot Ion: 63 Resp: 156435
 Ion Ratio Lower Upper
 63 100
 65 32.5 23.8 35.6



#46
 Dibromomethane
 Concen: 62.693 ug/l
 RT: 9.04 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Tgt Ion: 93 Resp: 136097
 Ion Ratio Lower Upper
 93 100
 95 84.6 64.8 97.2
 174 124.2 79.3 118.9#





#47

Bromodichloromethane

Concen: 66.602 ug/l

RT: 9.35 min Scan# 806

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01MS

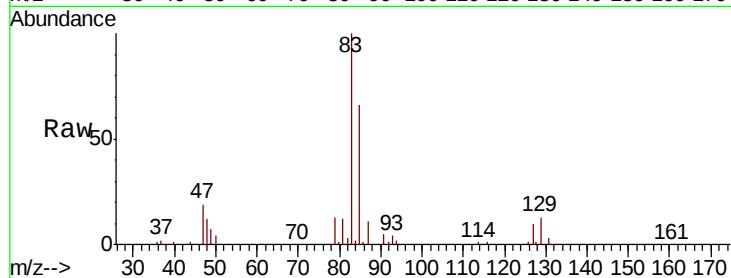
Tot Ion: 83 Resp: 353653

Ion Ratio Lower Upper

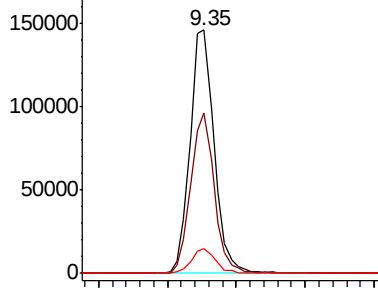
83 100

85 65.7 50.9 76.3

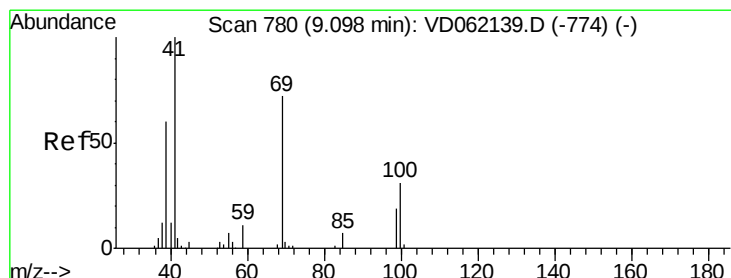
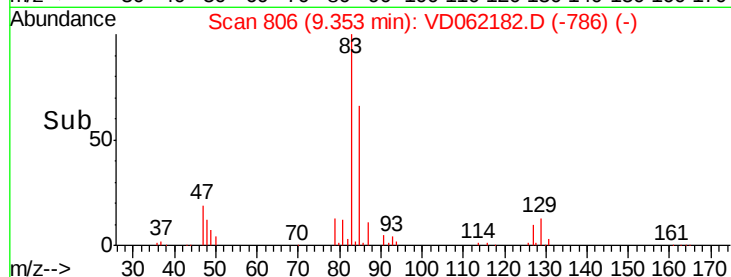
127 10.4 8.1 12.1



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



Time-->



#48

Methyl methacrylate

Concen: 73.488 ug/l

RT: 9.10 min Scan# 780

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

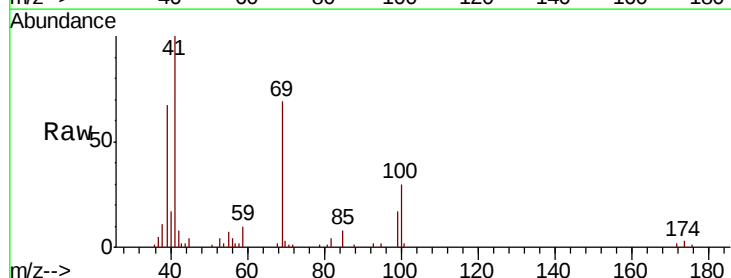
Tgt Ion: 41 Resp: 130119

Ion Ratio Lower Upper

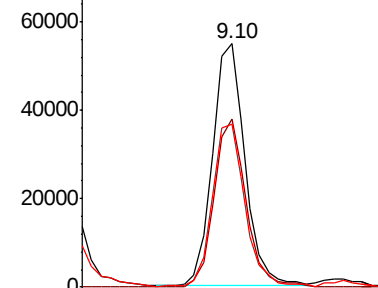
41 100

69 68.9 64.2 96.2

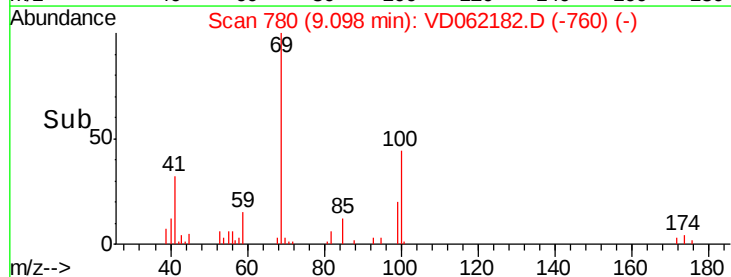
39 67.1 46.8 70.2

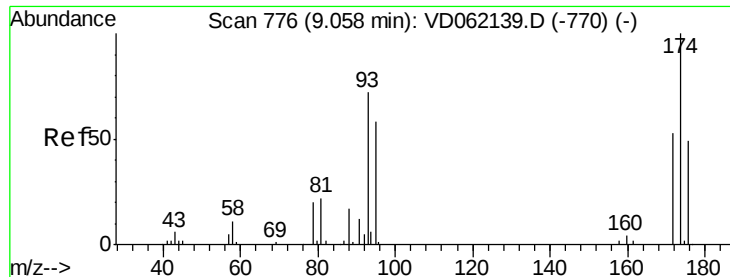


Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC



Time-->

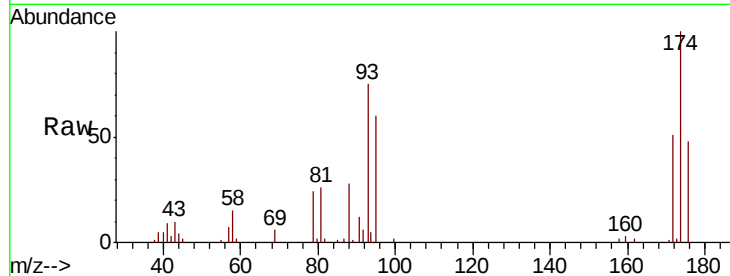




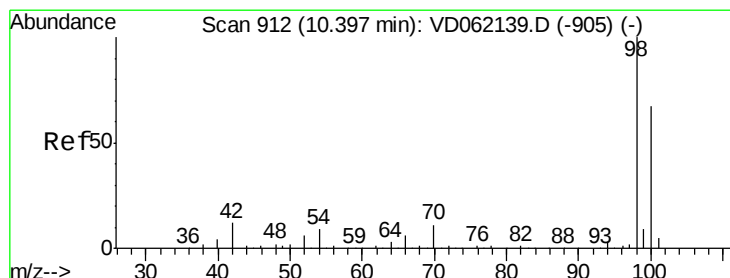
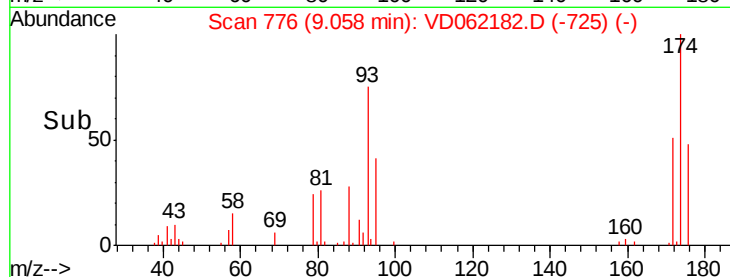
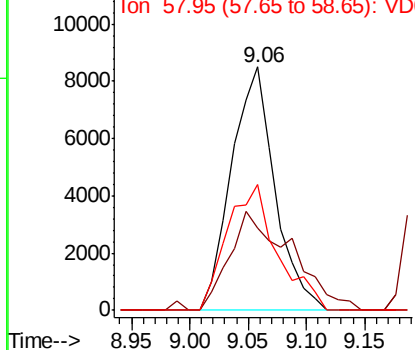
#49
1,4-Dioxane
Concen: 1149.434 ug/l
RT: 9.06 min Scan# 776
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion: 88 Resp: 21959
Ion Ratio Lower Upper
88 100
43 33.7 23.4 35.0
58 51.7 44.0 66.0

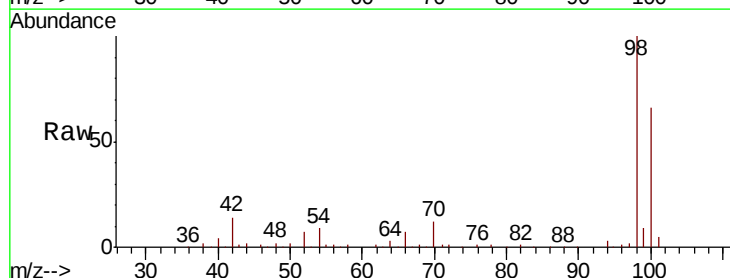


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

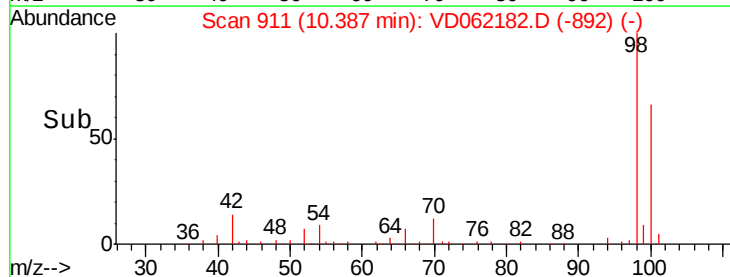
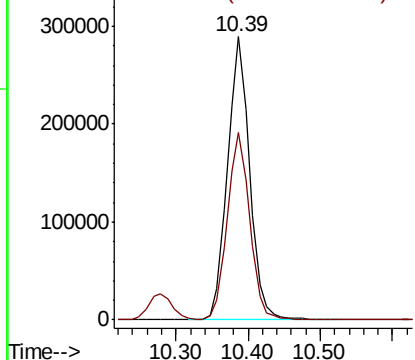


#50
Toluene-d8
Concen: 52.954 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion: 98 Resp: 617517
Ion Ratio Lower Upper
98 100
100 66.1 53.8 80.8



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: 283.168 ug/l

RT: 10.28 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

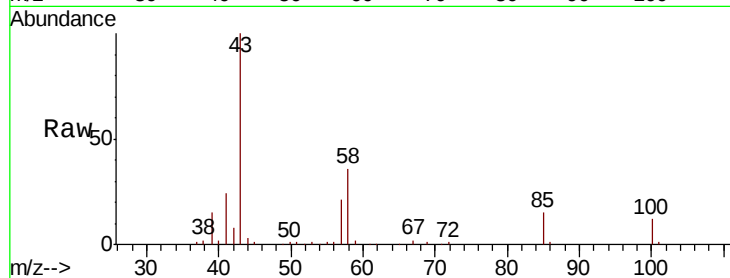
P026-SS002-1218-01MS

Tot Ion: 43 Resp: 523240

Ion Ratio Lower Upper

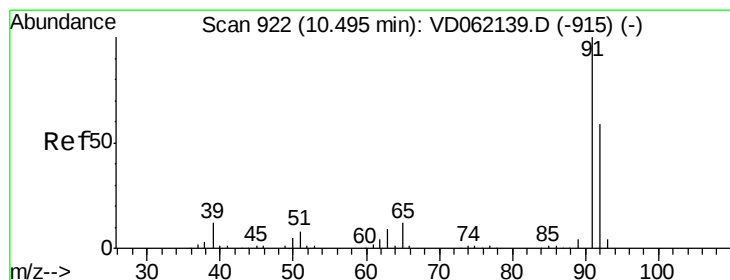
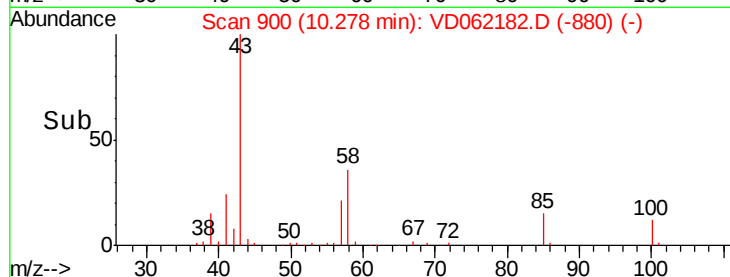
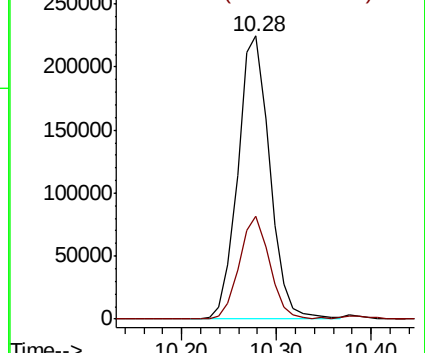
43 100

58 36.3 30.4 45.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 56.388 ug/l

RT: 10.49 min Scan# 921

Delta R.T. -0.01 min

Lab File: VD062182.D

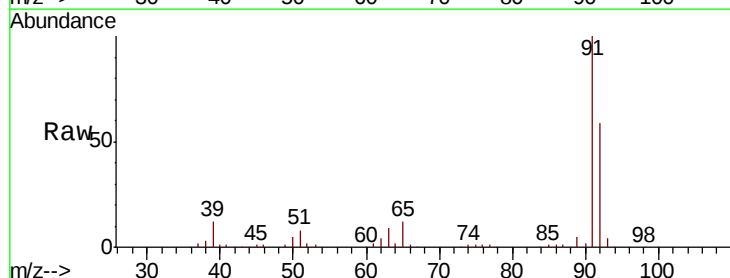
Acq: 8 May 2019 18:59

Tgt Ion: 92 Resp: 395962

Ion Ratio Lower Upper

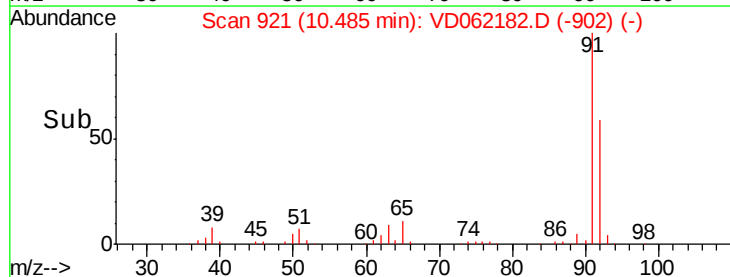
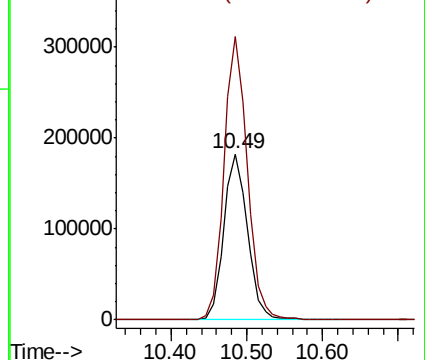
92 100

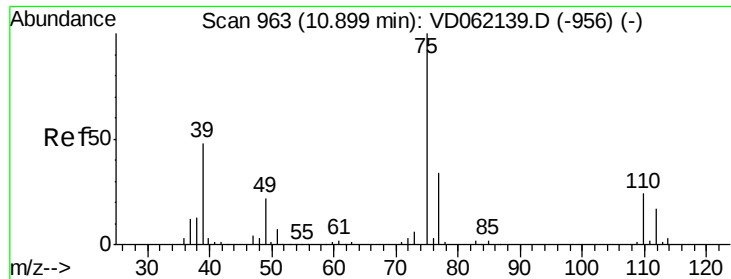
91 170.7 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

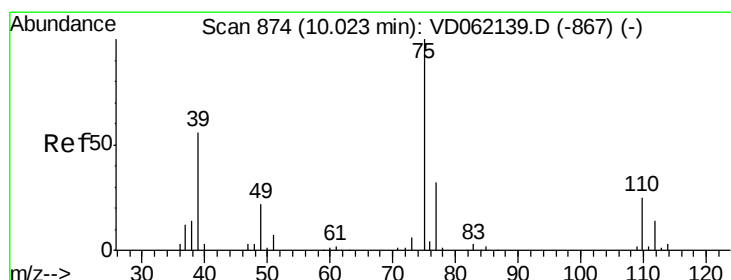
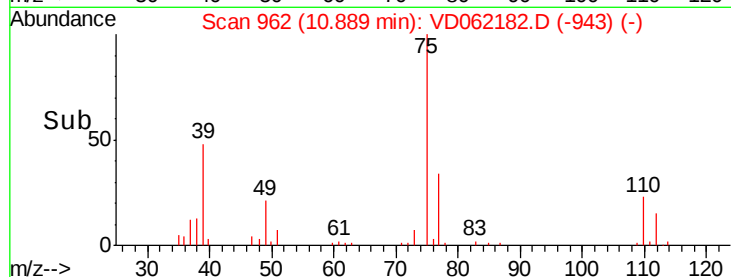
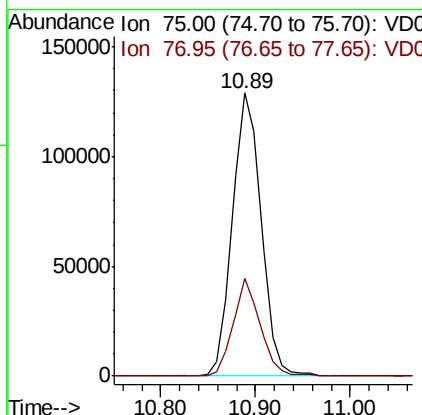
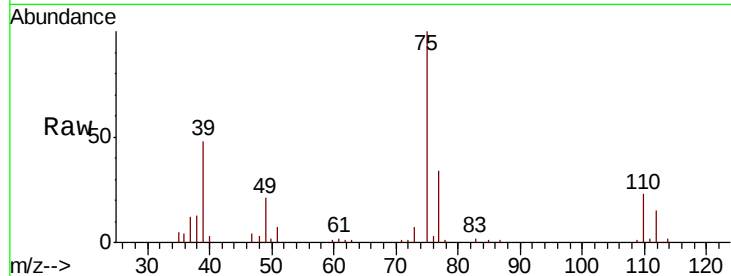




#53
t-1,3-Dichloropropene
Concen: 59.003 ug/l
RT: 10.89 min Scan# 962
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

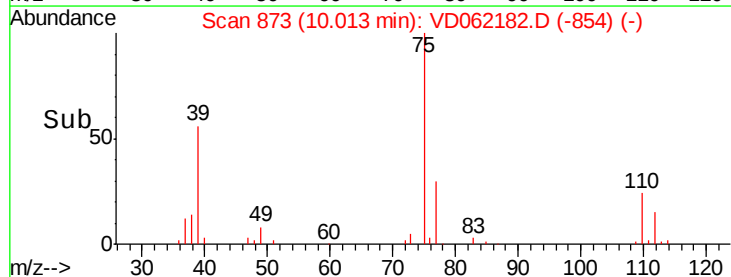
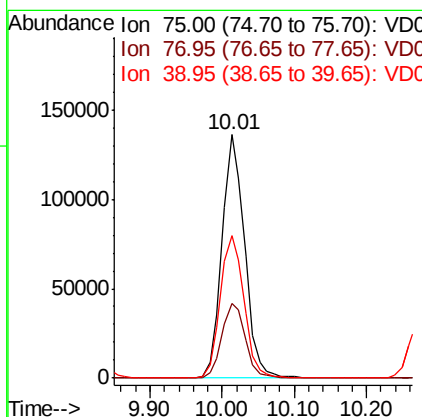
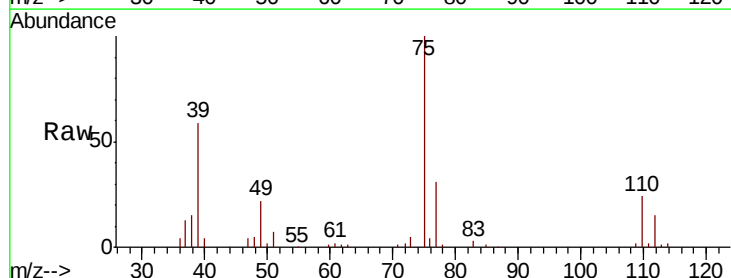
Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion: 75 Resp: 270782
Ion Ratio Lower Upper
75 100
77 34.5 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 59.051 ug/l
RT: 10.01 min Scan# 873
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion: 75 Resp: 295643
Ion Ratio Lower Upper
75 100
77 30.8 25.5 38.3
39 58.8 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 60.556 ug/l

RT: 11.17 min Scan# 991

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion: 97 Resp: 150456

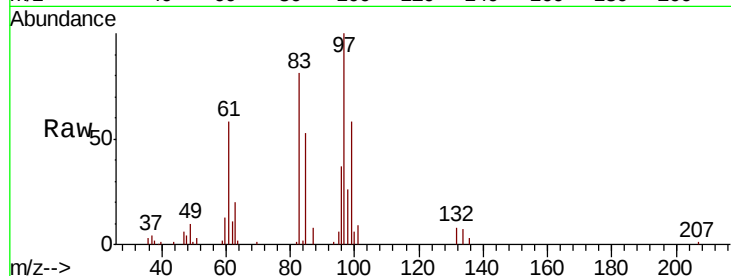
Ion Ratio Lower Upper

97 100

83 81.4 65.7 98.5

85 53.0 45.6 68.4

99 58.1 48.4 72.6

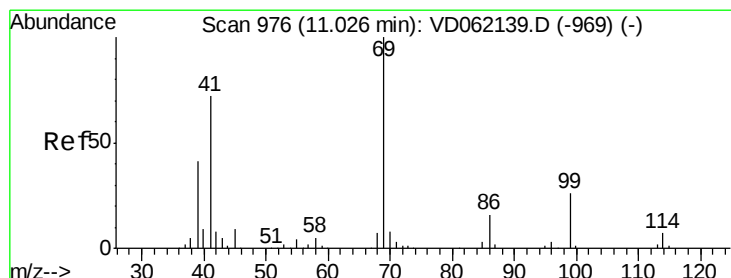
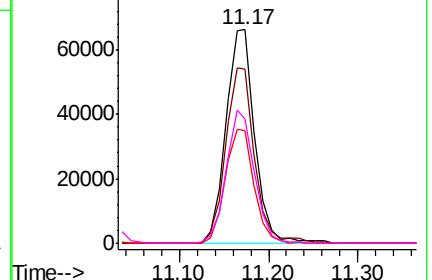
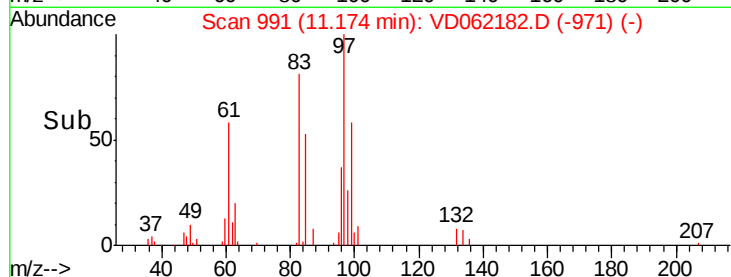


Abundance Ion 96.85 (96.55 to 97.55): VDC

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: 20.871 ug/l

RT: 11.02 min Scan# 975

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

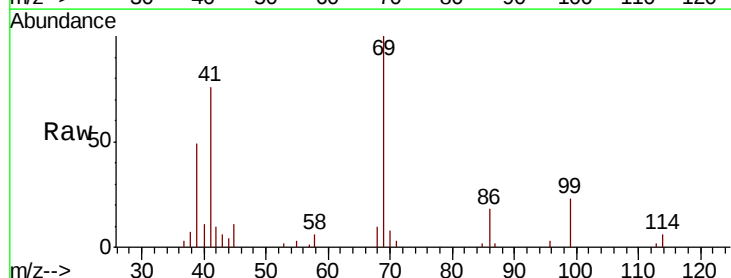
Tgt Ion: 69 Resp: 53885

Ion Ratio Lower Upper

69 100

41 75.9 56.3 84.5

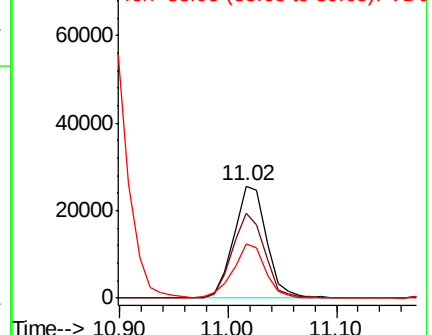
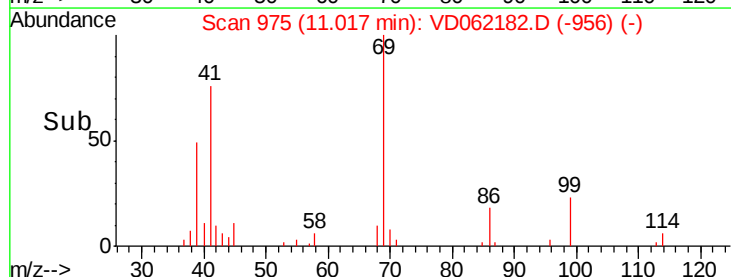
39 48.9 29.4 44.2#

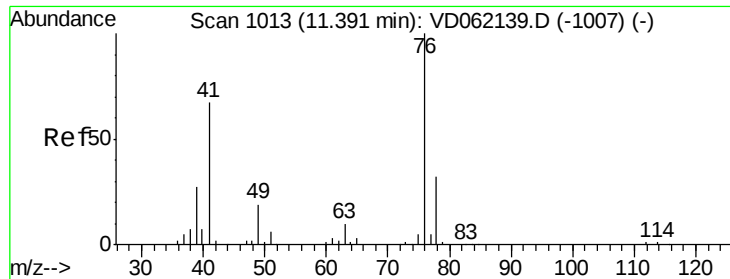


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 61.207 ug/l

RT: 11.39 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

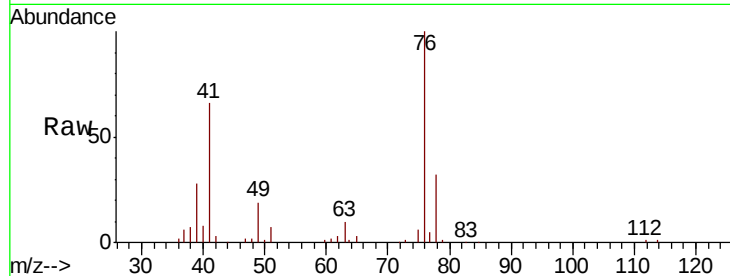
P026-SS002-1218-01MS

Tot Ion: 76 Resp: 229743

Ion Ratio Lower Upper

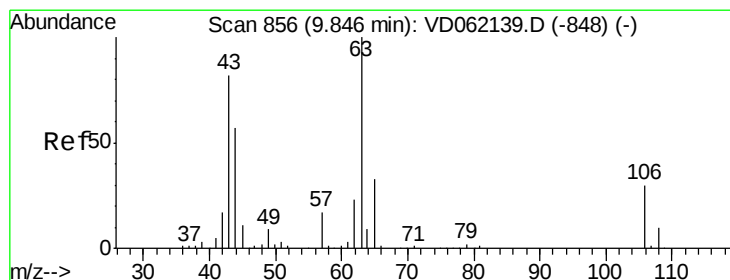
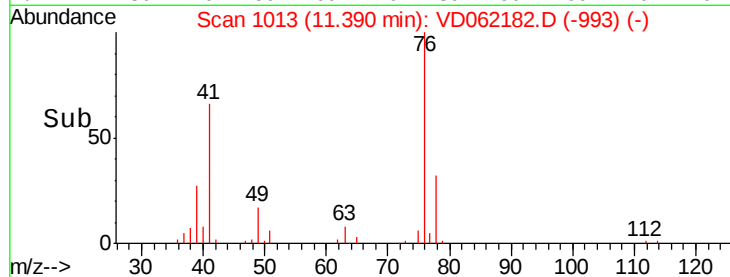
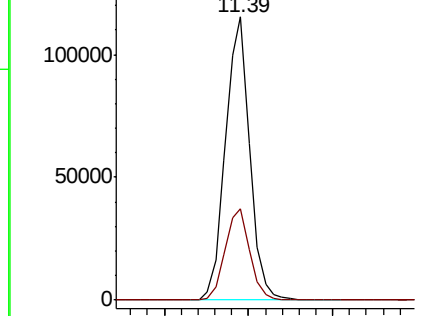
76 100

78 32.5 26.2 39.2



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 316.890 ug/l

RT: 9.84 min Scan# 855

Delta R.T. -0.01 min

Lab File: VD062182.D

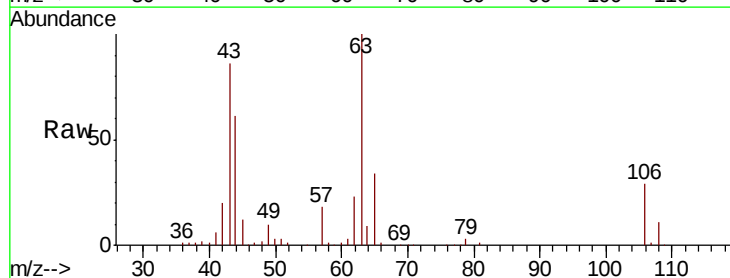
Acq: 8 May 2019 18:59

Tgt Ion: 63 Resp: 446905

Ion Ratio Lower Upper

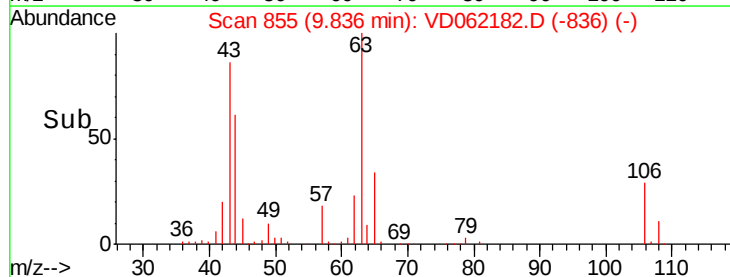
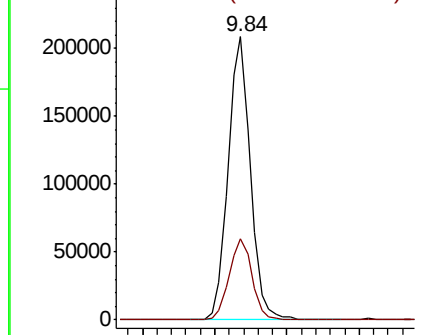
63 100

106 28.8 22.6 34.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

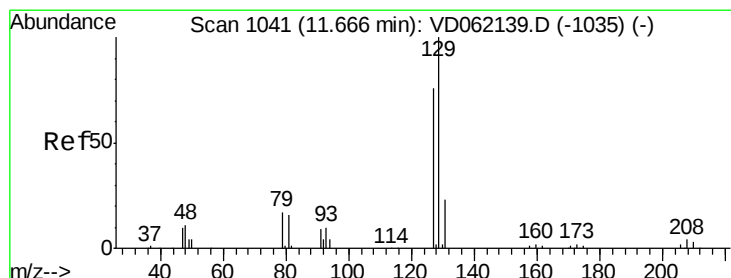
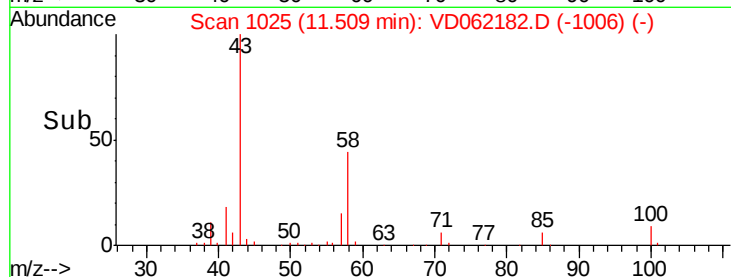
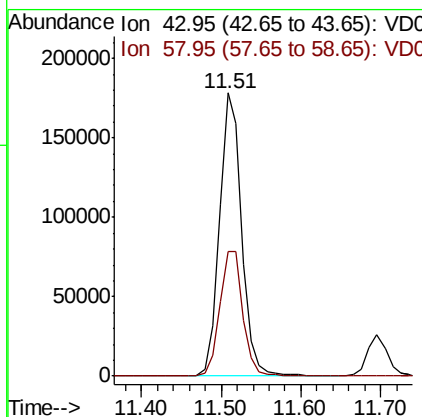
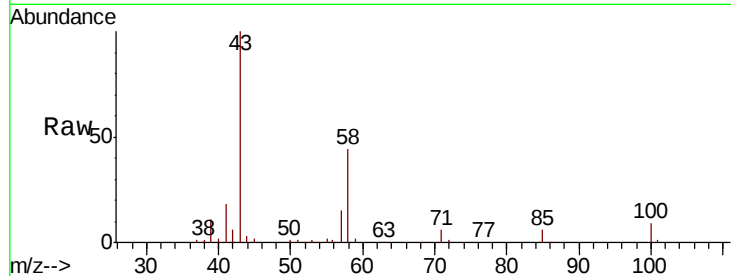




#59
2-Hexanone
Concen: 255.617 ug/l
RT: 11.51 min Scan# 1025
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

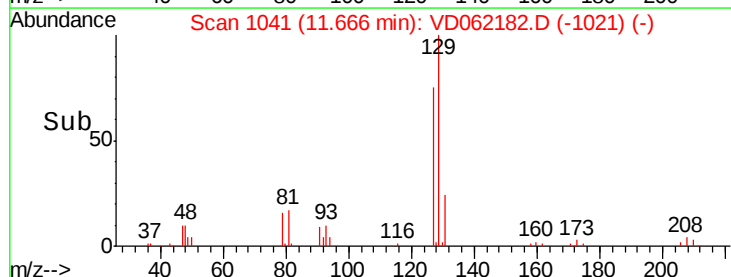
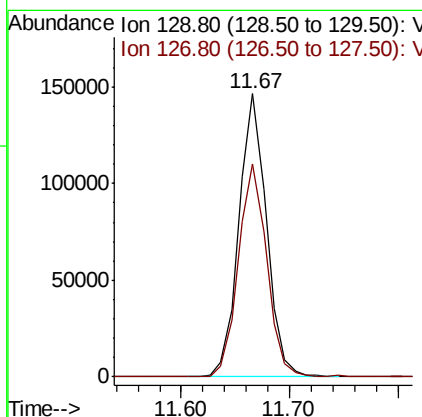
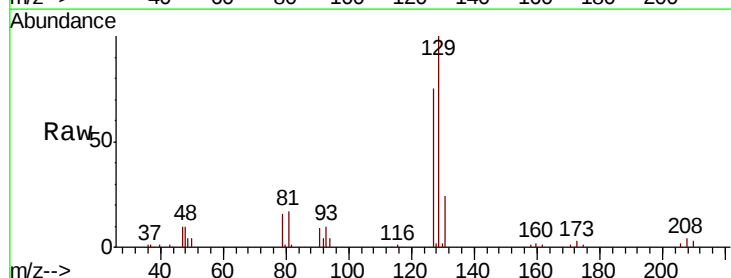
Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

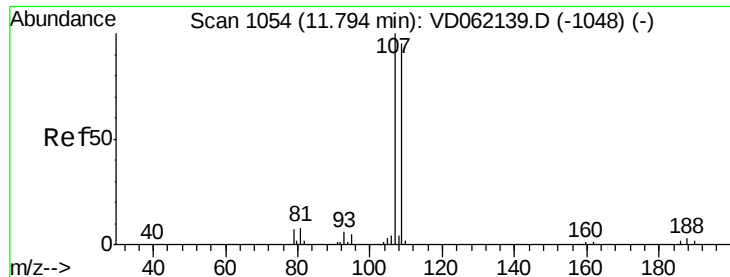
Tot Ion: 43 Resp: 348126
Ion Ratio Lower Upper
43 100
58 44.0 25.4 76.4



#60
Dibromochloromethane
Concen: 60.298 ug/l
RT: 11.67 min Scan# 1041
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion: 129 Resp: 258908
Ion Ratio Lower Upper
129 100
127 75.4 38.0 113.9

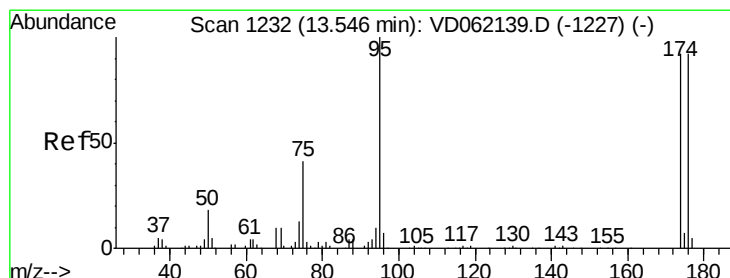
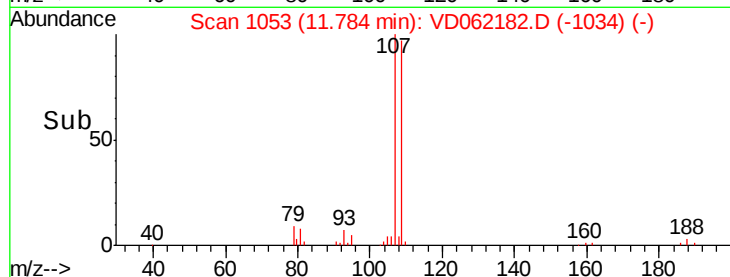
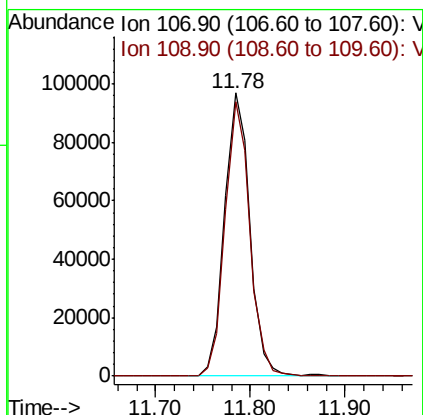
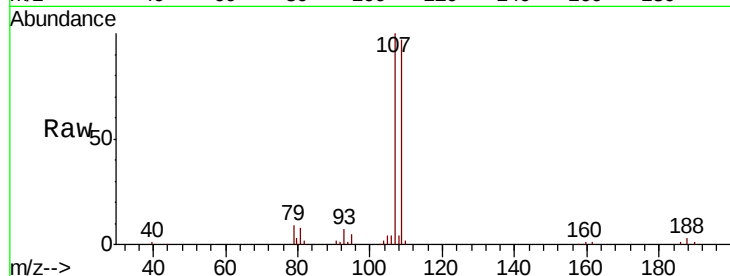




#61
 1,2-Dibromoethane
 Concen: 59.320 ug/l
 RT: 11.78 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

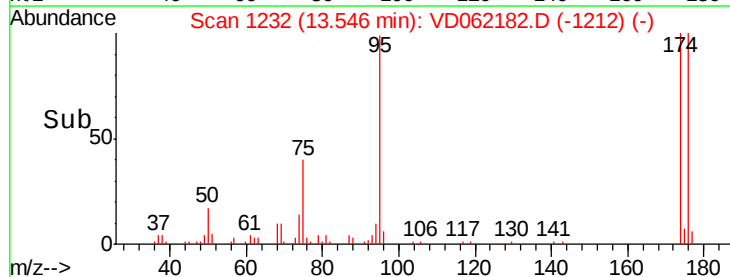
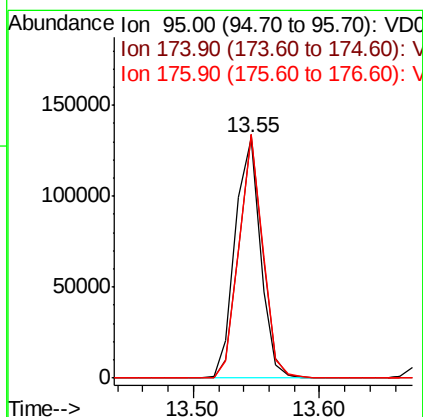
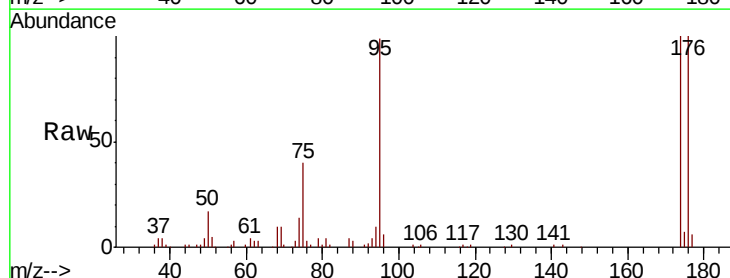
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion: 107 Resp: 179184
 Ion Ratio Lower Upper
 107 100
 109 97.0 78.3 117.5



#62
 4-Bromofluorobenzene
 Concen: 39.168 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Tgt Ion: 95 Resp: 183415
 Ion Ratio Lower Upper
 95 100
 174 101.5 0.0 181.8
 176 101.3 0.0 174.4

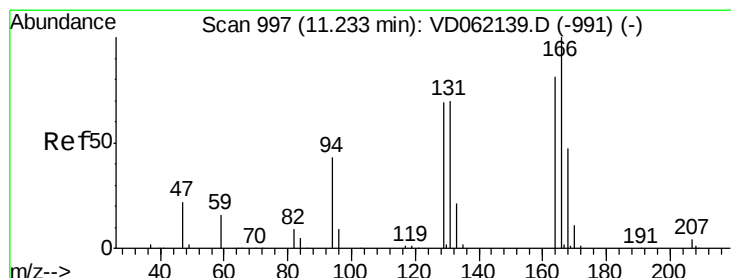
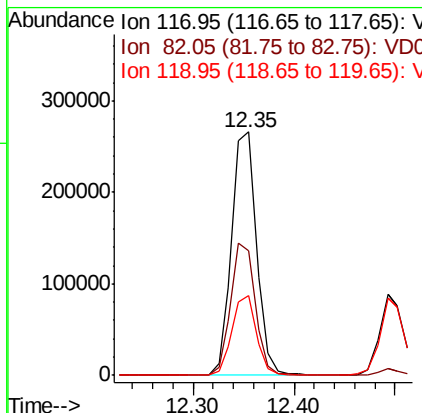
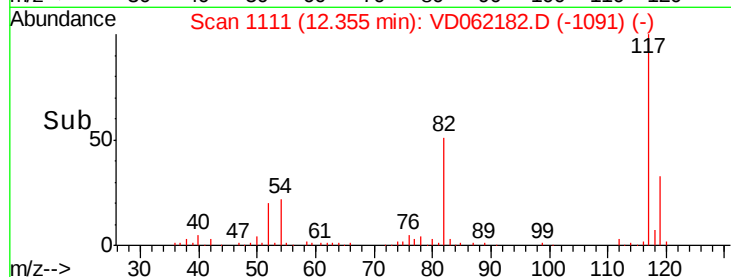
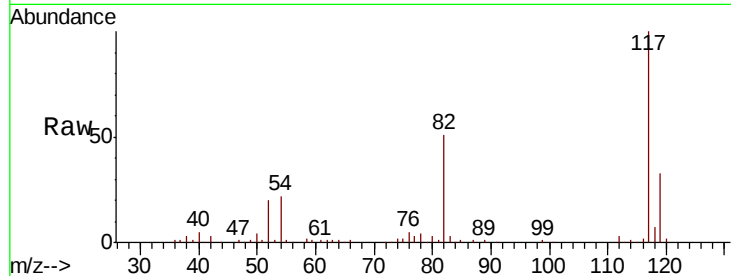




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

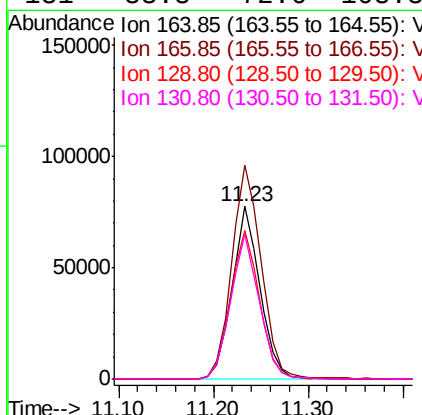
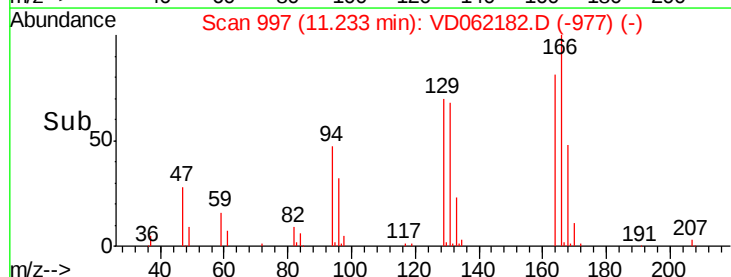
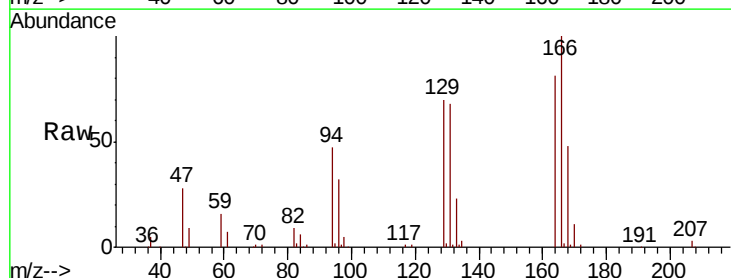
Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion:117 Resp: 455140
Ion Ratio Lower Upper
117 100
82 51.3 36.2 54.2
119 32.9 26.2 39.4



#64
Tetrachloroethene
Concen: 44.588 ug/l
RT: 11.23 min Scan# 997
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion:164 Resp: 158689
Ion Ratio Lower Upper
164 100
166 123.7 101.5 152.3
129 86.2 74.6 112.0
131 83.8 72.6 108.8

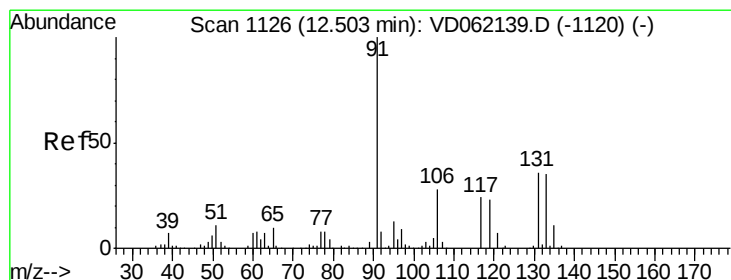
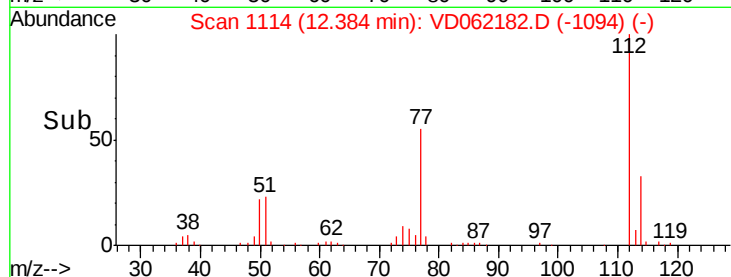
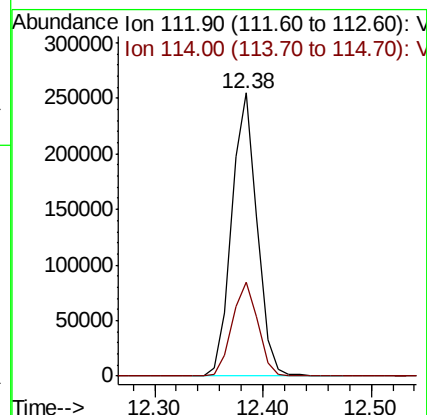
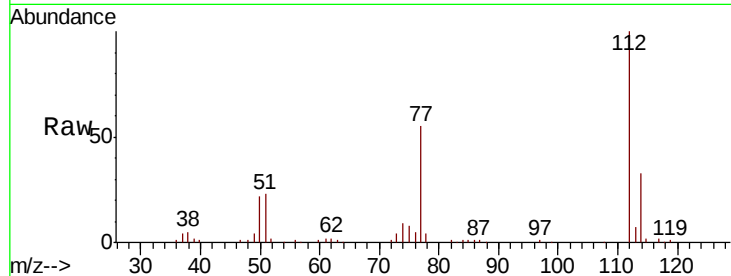




#65
Chlorobenzene
Concen: 49.023 ug/l
RT: 12.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

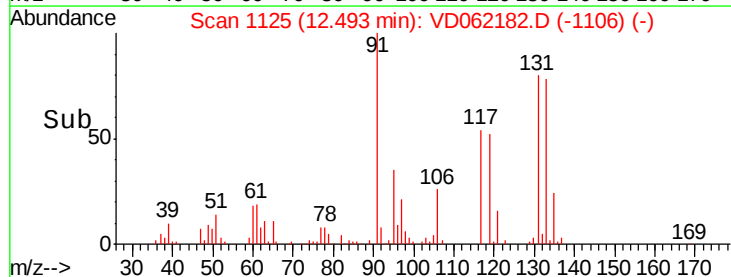
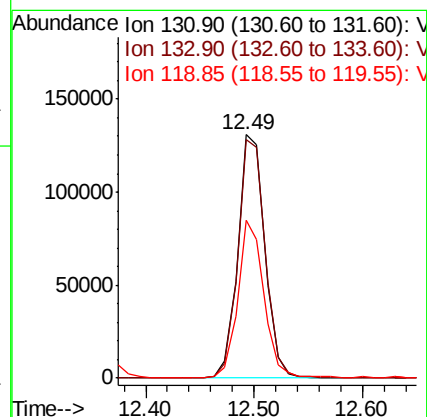
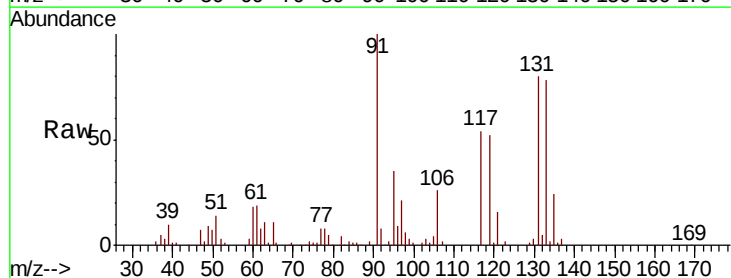
Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

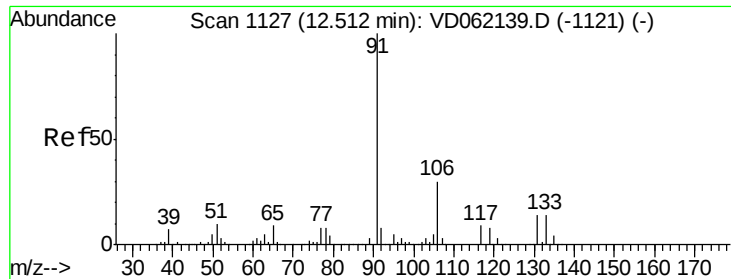
Tot Ion:112 Resp: 415573
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 61.416 ug/l
RT: 12.49 min Scan# 1125
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion:131 Resp: 226585
Ion Ratio Lower Upper
131 100
133 97.7 48.6 145.8
119 64.6 34.7 104.1

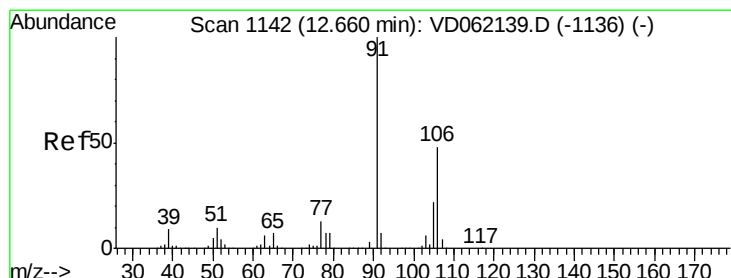
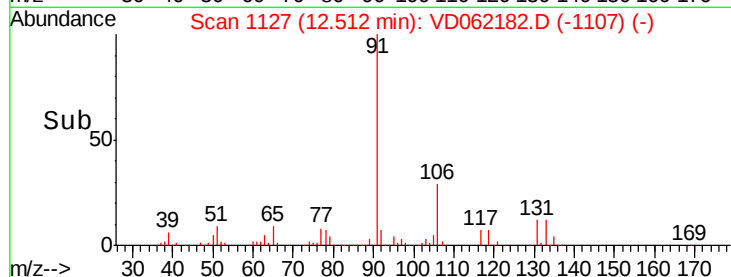
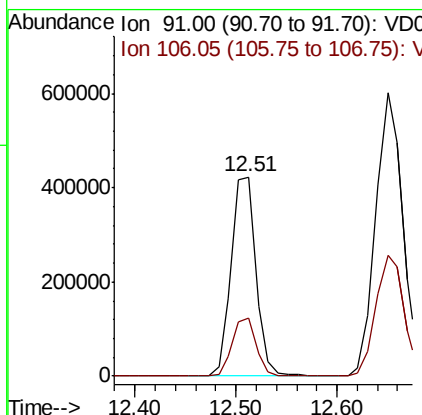
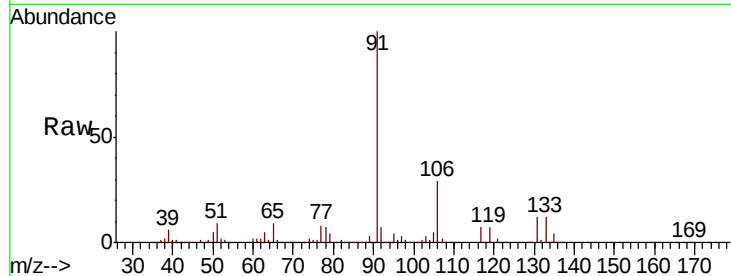




#67
Ethyl Benzene
Concen: 50.808 ug/l
RT: 12.51 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

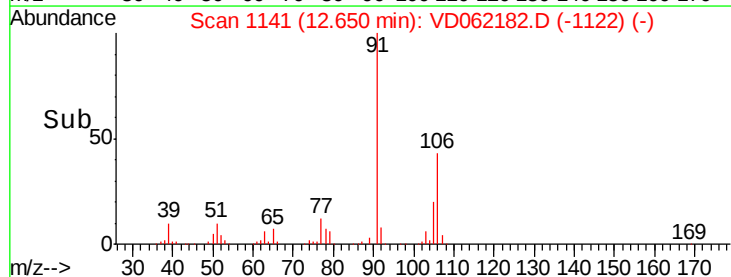
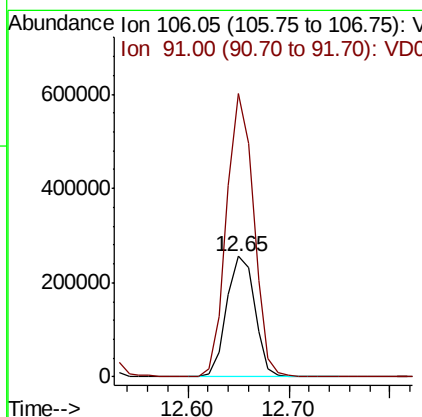
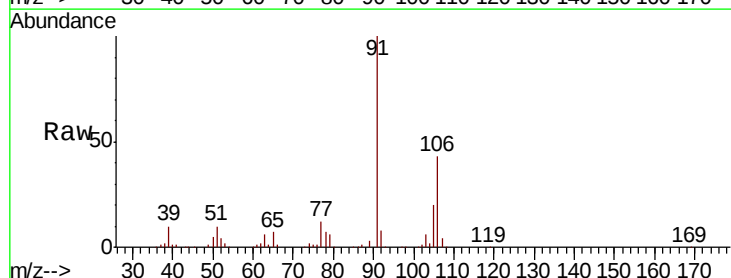
Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion: 91 Resp: 721071
Ion Ratio Lower Upper
91 100
106 28.9 24.7 37.1



#68
m/p-Xylenes
Concen: 96.510 ug/l
RT: 12.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion: 106 Resp: 498317
Ion Ratio Lower Upper
106 100
91 235.1 164.0 246.0

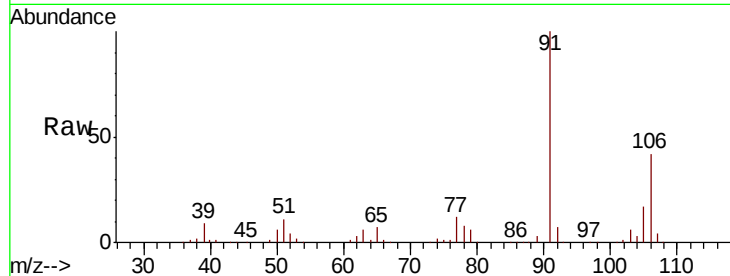




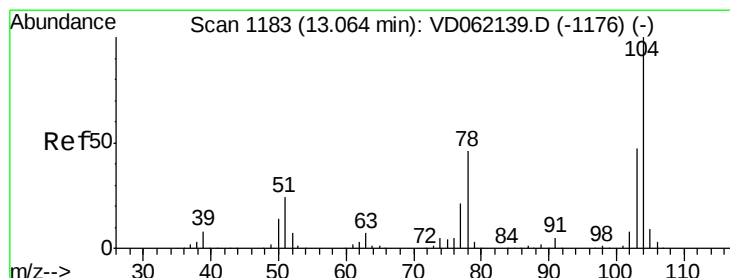
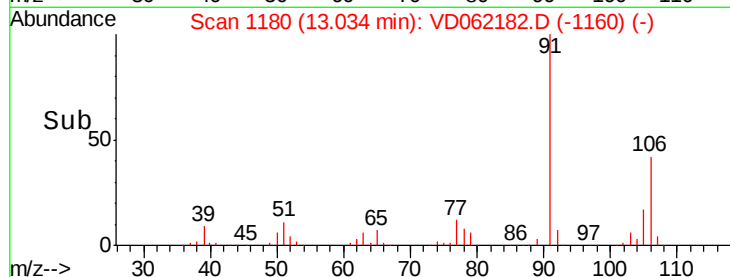
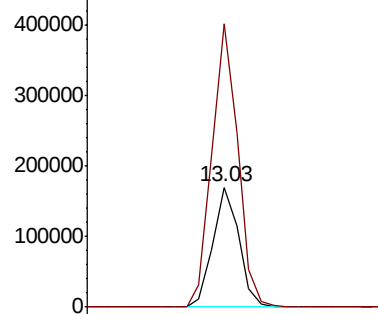
#69
o-Xylene
Concen: 50.548 ug/l
RT: 13.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion:106 Resp: 242647
Ion Ratio Lower Upper
106 100
91 236.0 106.7 319.9

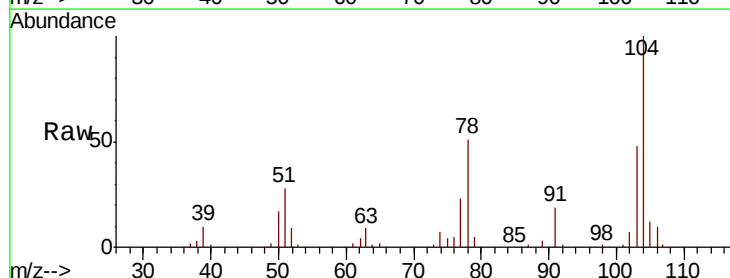


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

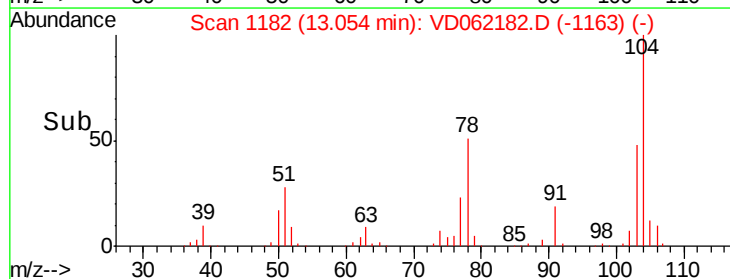
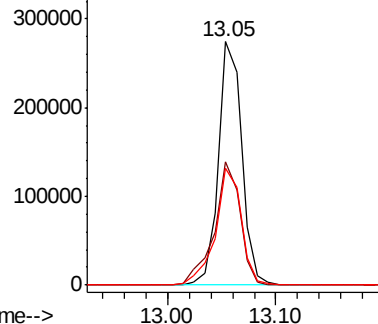


#70
Styrene
Concen: 50.436 ug/l
RT: 13.05 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion:104 Resp: 410137
Ion Ratio Lower Upper
104 100
78 50.6 35.4 53.2
103 48.3 37.5 56.3



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





#71

Bromoform

Concen: 58.001 ug/l

RT: 13.22 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01MS

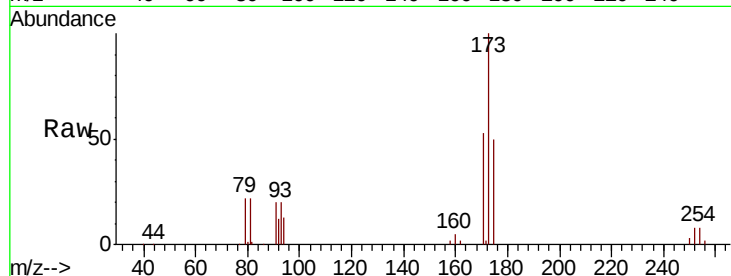
Tot Ion:173 Resp: 148879

Ion Ratio Lower Upper

173 100

175 49.7 24.4 73.4

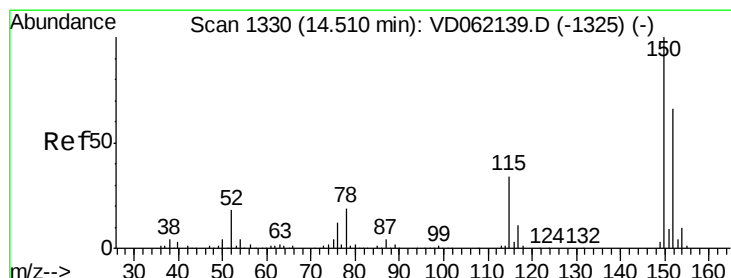
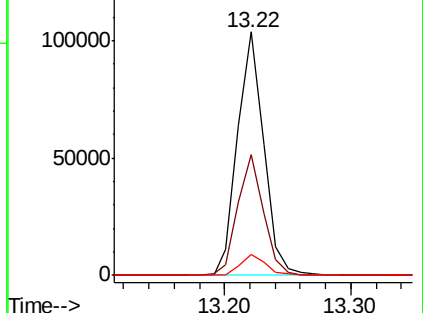
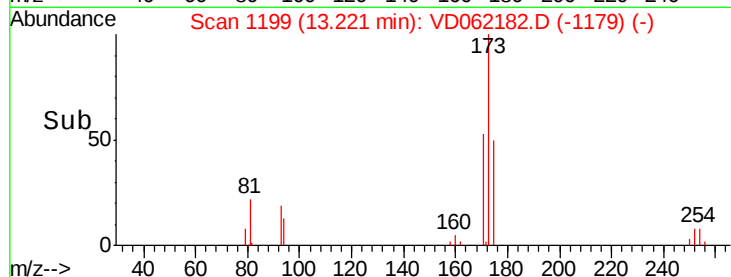
254 8.4 5.4 8.2#



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: 14.51 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

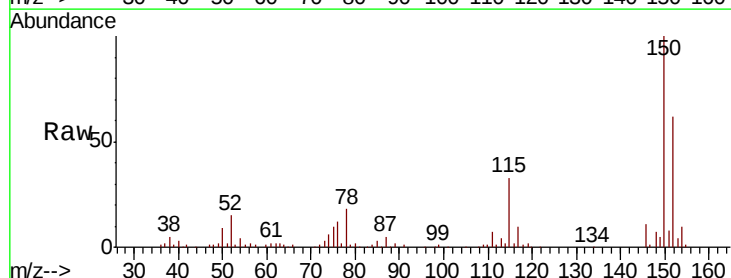
Tgt Ion:152 Resp: 158193

Ion Ratio Lower Upper

152 100

115 53.1 30.9 92.7

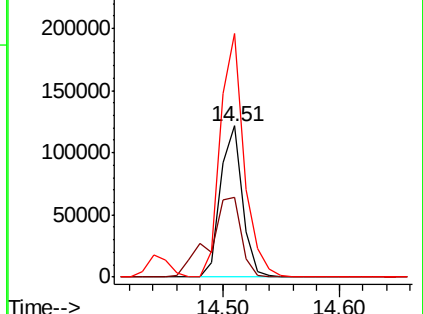
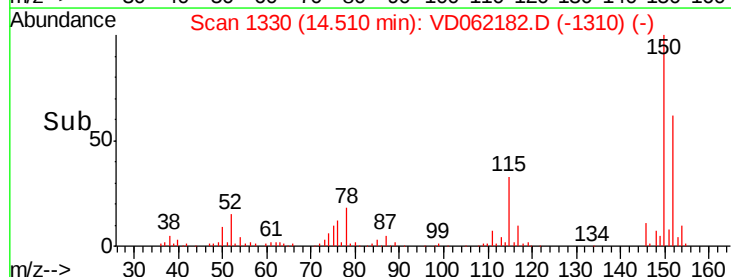
150 160.8 0.0 314.8

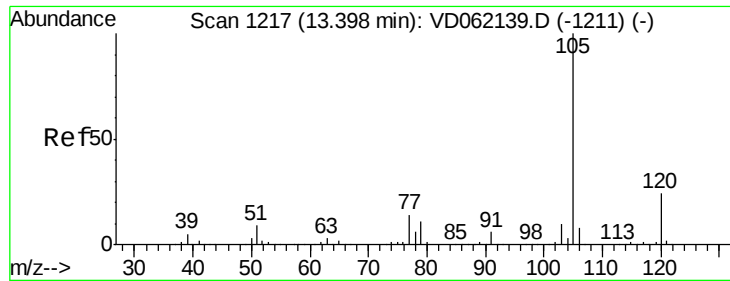


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

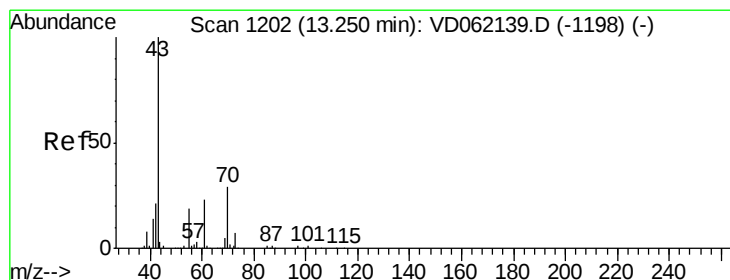
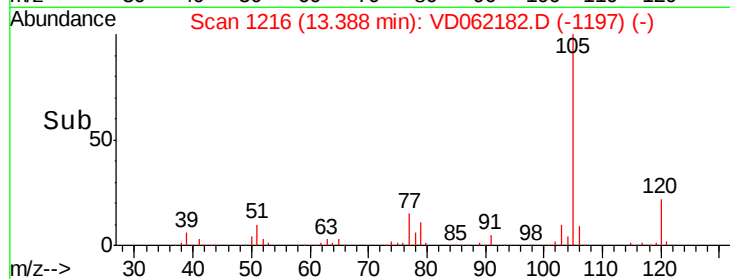
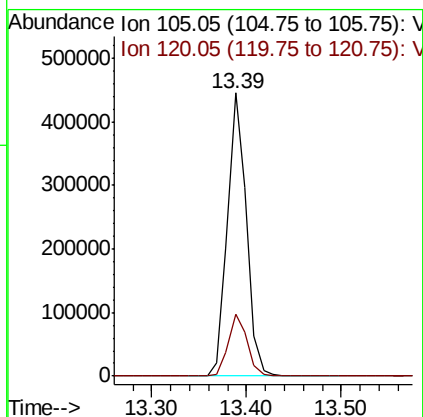
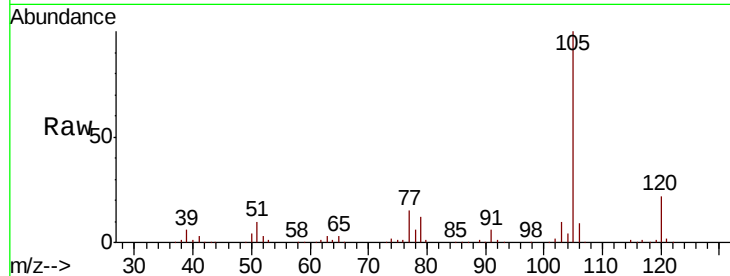




#73
Isopropylbenzene
Concen: 64.859 ug/l
RT: 13.39 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

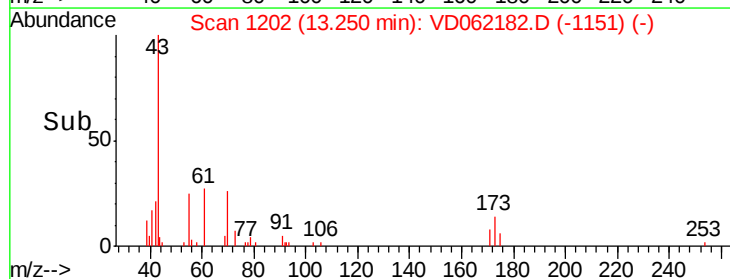
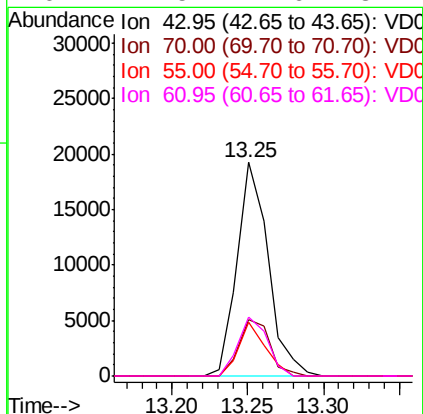
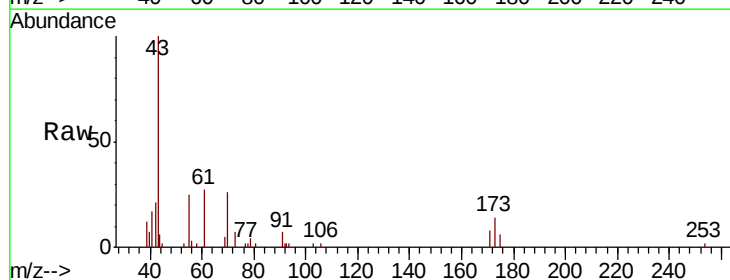
Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

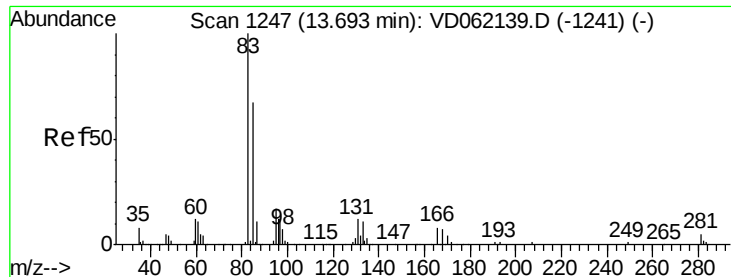
Tot Ion:105 Resp: 615030
Ion Ratio Lower Upper
105 100
120 21.8 12.0 36.1



#74
N-ethyl acetate
Concen: 11.069 ug/l
RT: 13.25 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion: 43 Resp: 27519
Ion Ratio Lower Upper
43 100
70 26.2 24.2 36.4
55 25.3 16.0 24.0#
61 27.5 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 87.519 ug/l

RT: 13.68 min Scan# 1246

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01MS

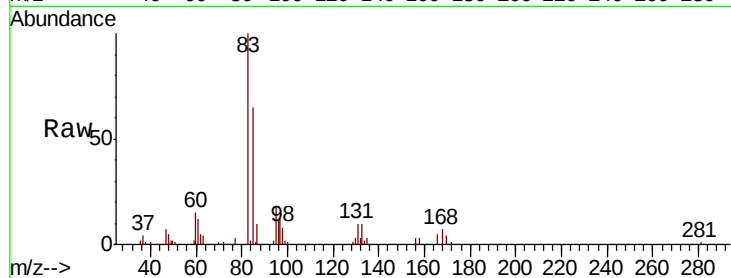
Tot Ion: 83 Resp: 157112

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

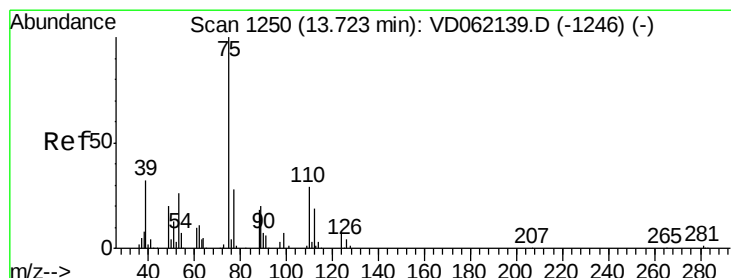
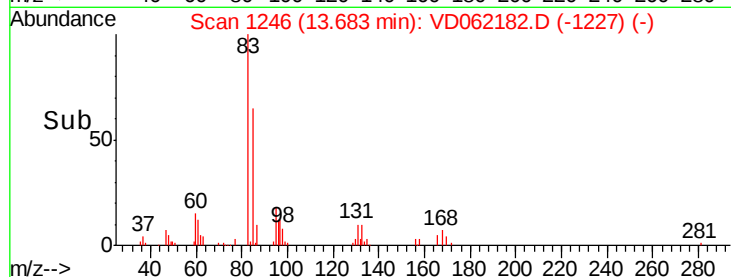
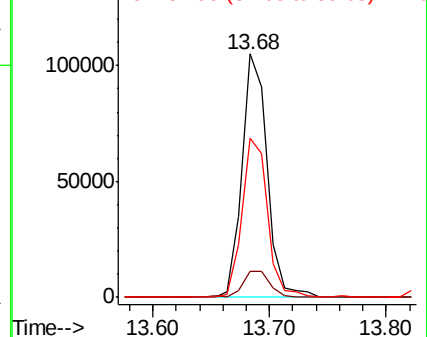
85 65.2 32.6 97.7



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: 84.743 ug/l

RT: 13.72 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VD062182.D

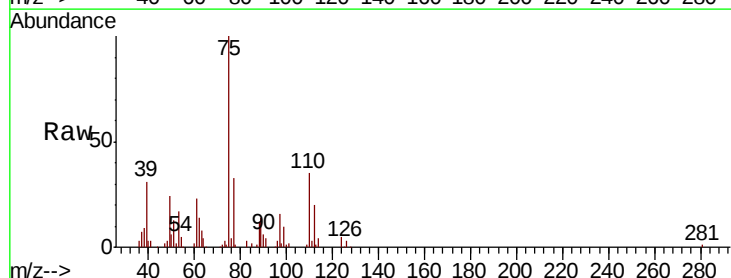
Acq: 8 May 2019 18:59

Tgt Ion: 75 Resp: 159316

Ion Ratio Lower Upper

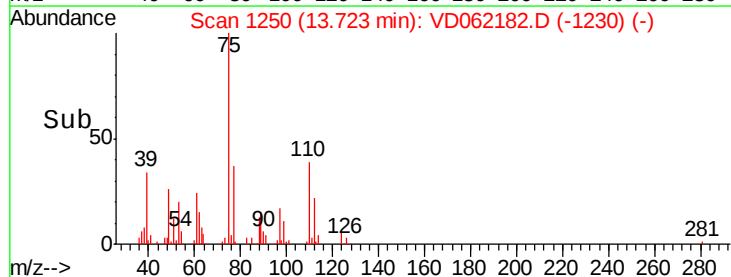
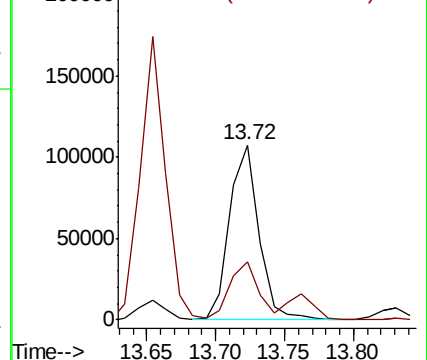
75 100

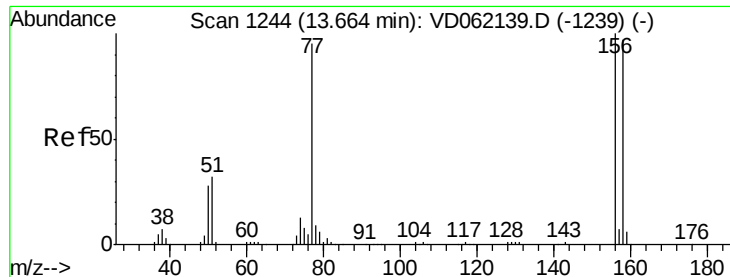
77 33.3 16.4 49.4



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 70.830 ug/l

RT: 13.65 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01MS

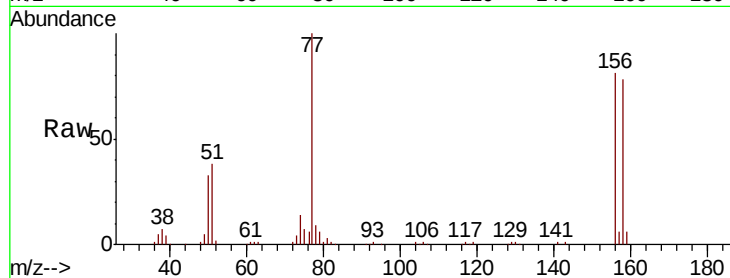
Tot Ion:156 Resp: 188020

Ion Ratio Lower Upper

156 100

77 124.0 53.1 159.4

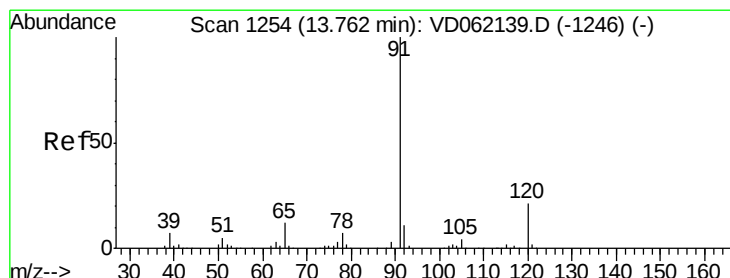
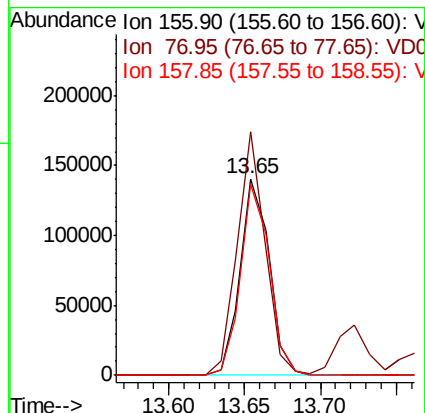
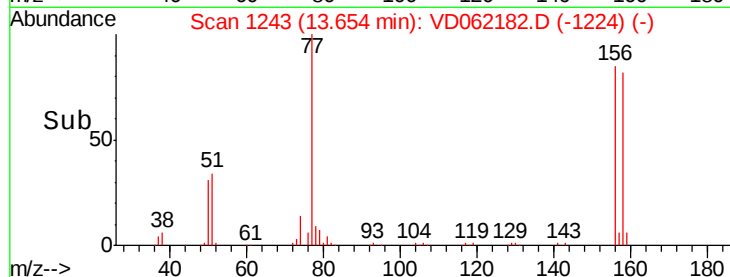
158 97.1 49.4 148.0



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: 51.177 ug/l

RT: 13.76 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VD062182.D

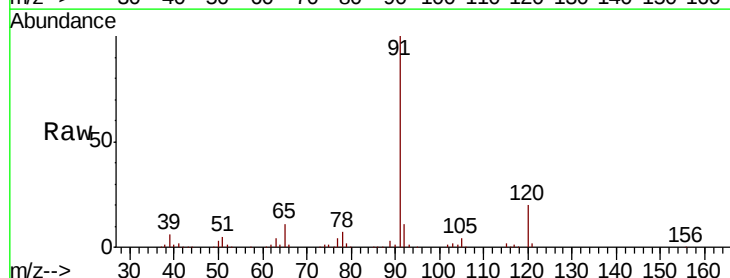
Acq: 8 May 2019 18:59

Tgt Ion: 91 Resp: 578895

Ion Ratio Lower Upper

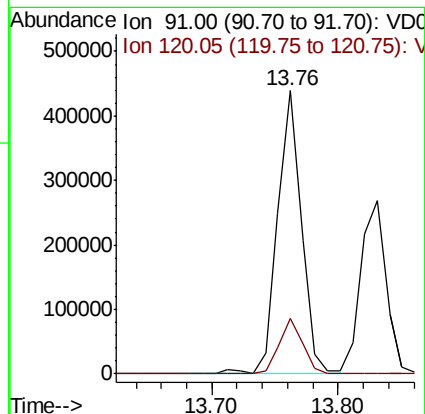
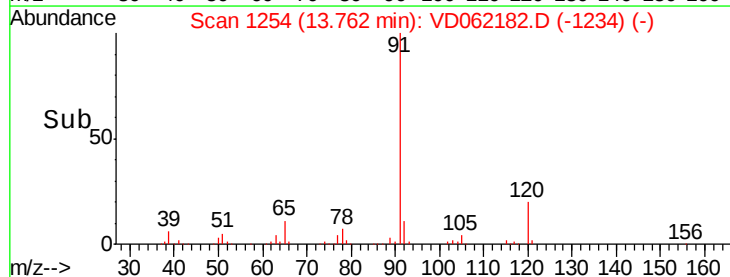
91 100

120 19.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 58.498 ug/l

RT: 13.83 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

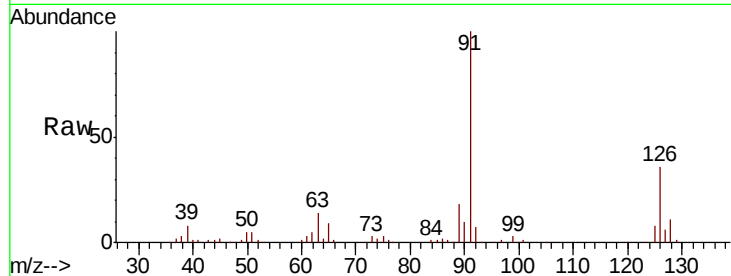
P026-SS002-1218-01MS

Tot Ion: 91 Resp: 378971

Ion Ratio Lower Upper

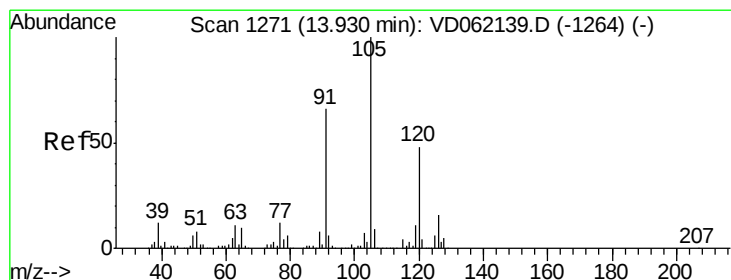
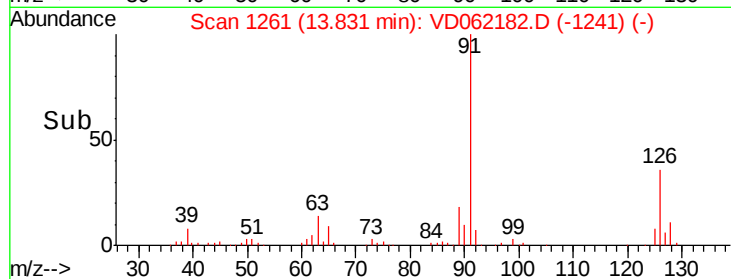
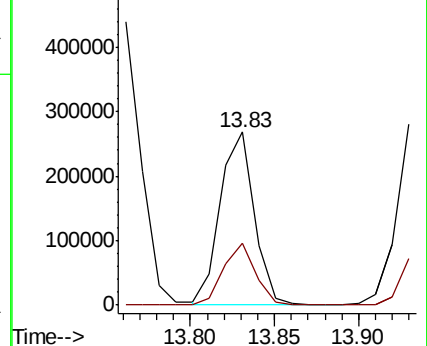
91 100

126 35.7 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 59.441 ug/l

RT: 13.92 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VD062182.D

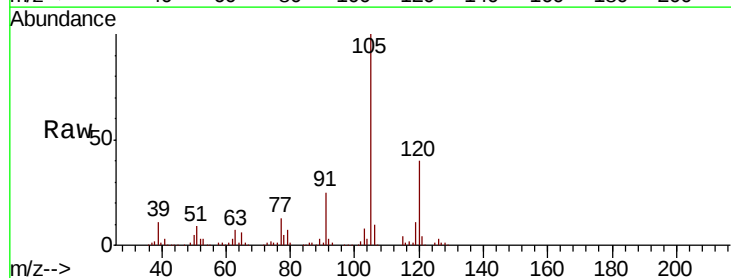
Acq: 8 May 2019 18:59

Tgt Ion:105 Resp: 474645

Ion Ratio Lower Upper

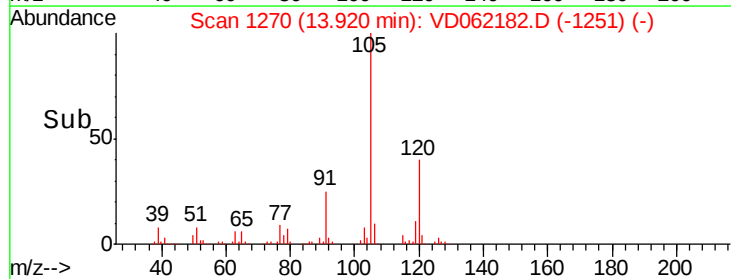
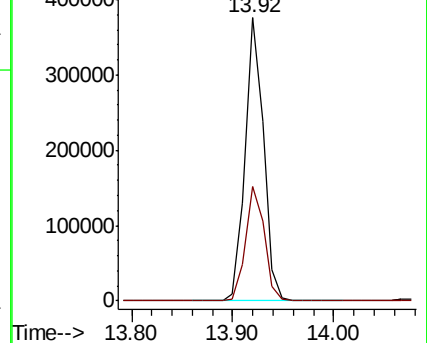
105 100

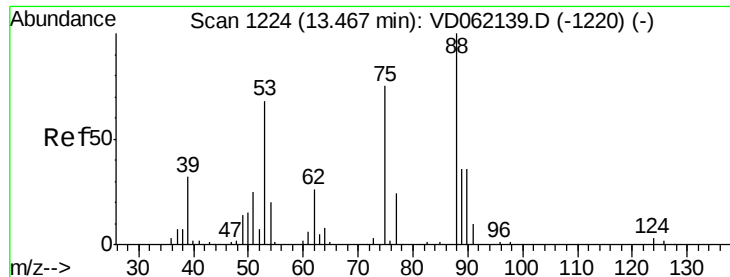
120 40.3 24.0 72.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

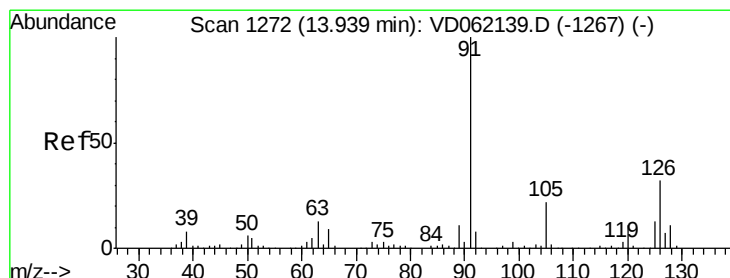
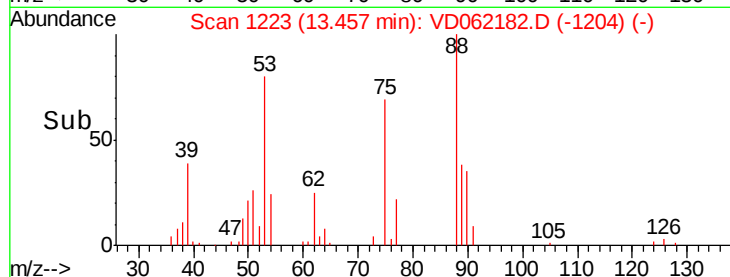
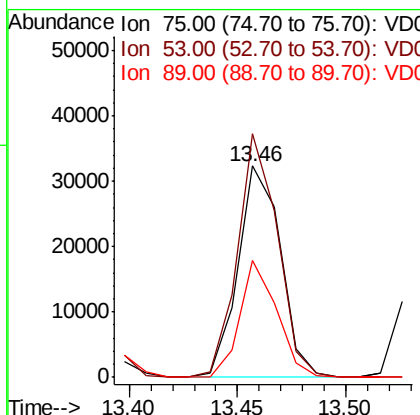
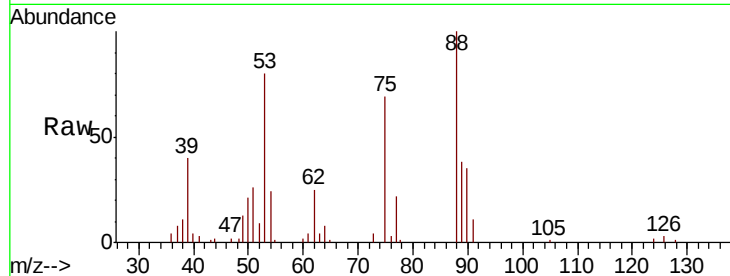




#81
trans-1,4-Dichloro-2-butene
Concen: 83.098 ug/l
RT: 13.46 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

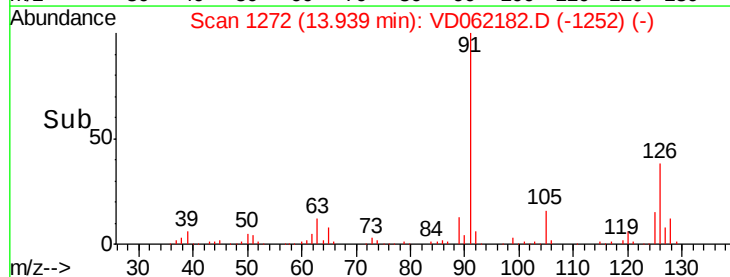
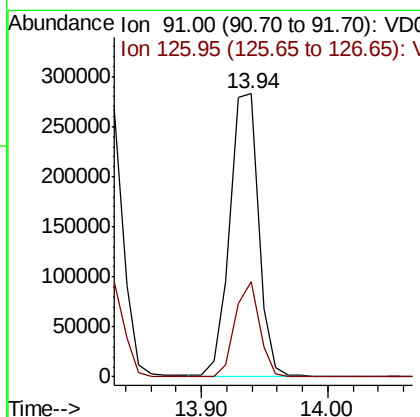
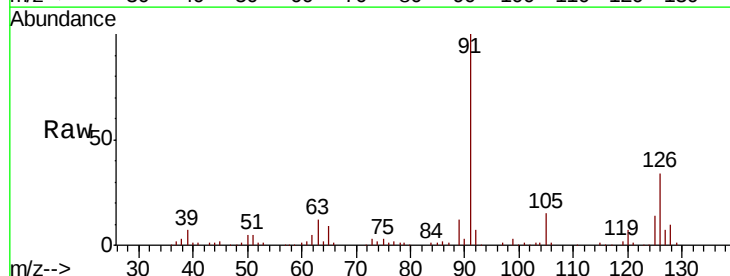
Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion: 75 Resp: 44103
Ion Ratio Lower Upper
75 100
53 115.2 65.8 98.8#
89 55.6 35.0 52.6#



#82
4-Chlorotoluene
Concen: 58.338 ug/l
RT: 13.94 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion: 91 Resp: 444740
Ion Ratio Lower Upper
91 100
126 33.7 19.1 57.5





#83

tert-Butylbenzene

Concen: 59.073 ug/l

RT: 14.18 min Scan# 1296

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01MS

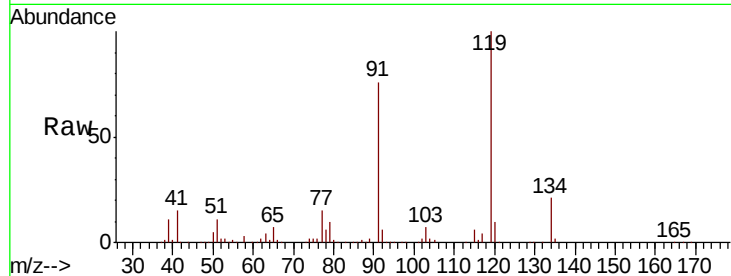
Tot Ion:119 Resp: 530192

Ion Ratio Lower Upper

119 100

91 76.5 34.2 102.6

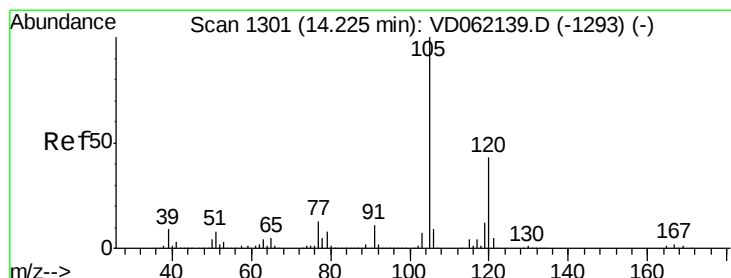
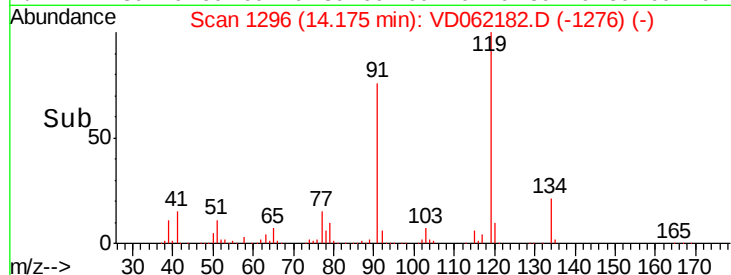
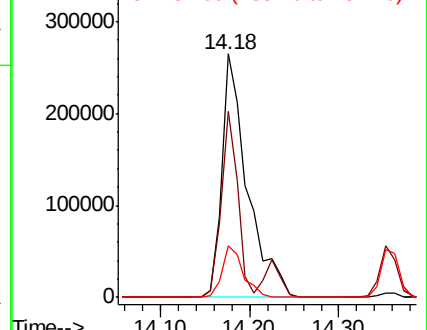
134 21.4 12.0 36.0



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 59.047 ug/l

RT: 14.22 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VD062182.D

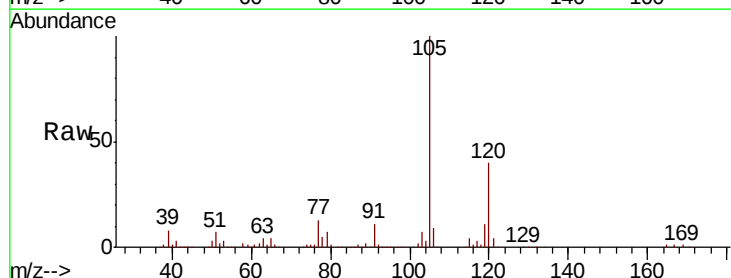
Acq: 8 May 2019 18:59

Tgt Ion:105 Resp: 473146

Ion Ratio Lower Upper

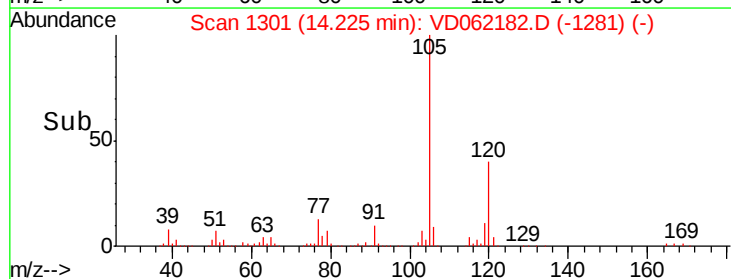
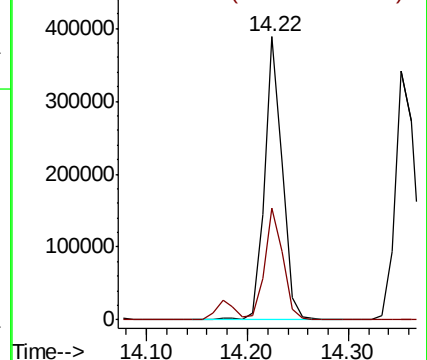
105 100

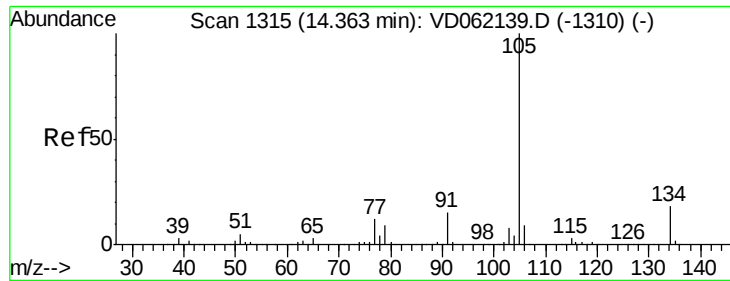
120 39.7 23.1 69.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

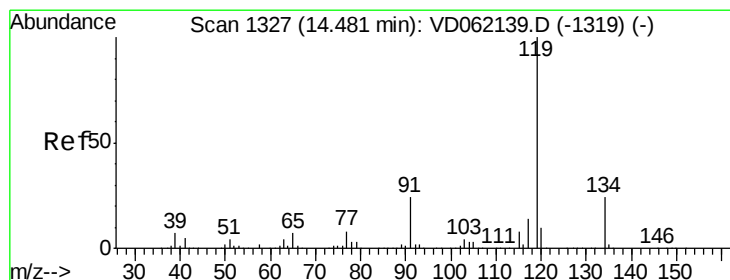
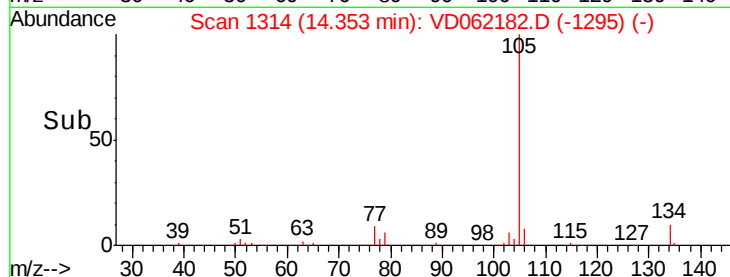
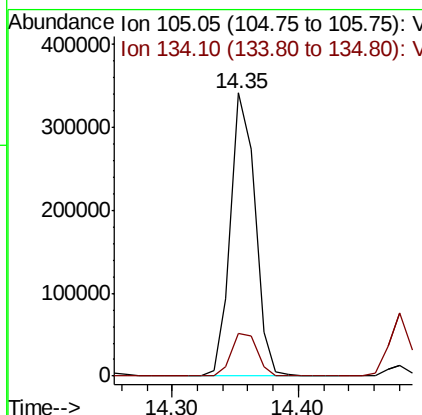
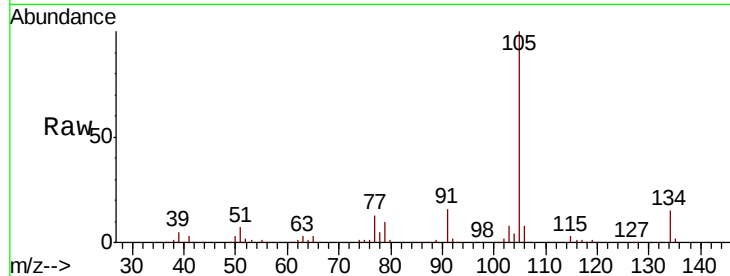




#85
 sec-Butylbenzene
 Concen: 46.478 ug/l
 RT: 14.35 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

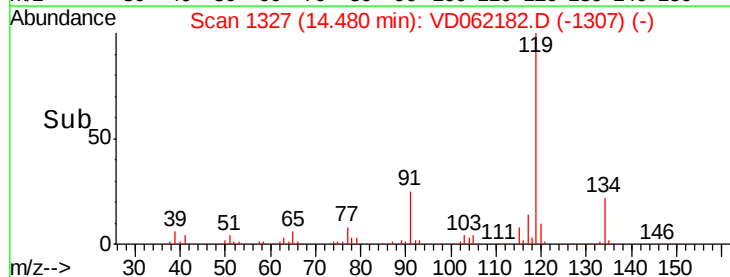
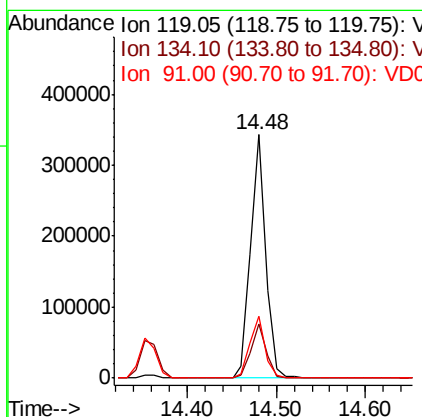
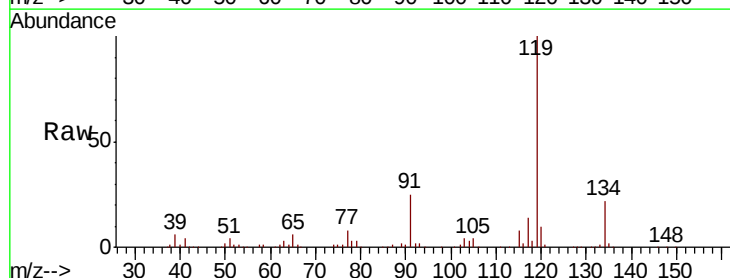
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion:105 Resp: 457363
 Ion Ratio Lower Upper
 105 100
 134 15.2 8.9 26.7



#86
 p-Isopropyltoluene
 Concen: 45.438 ug/l
 RT: 14.48 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Tgt Ion:119 Resp: 399487
 Ion Ratio Lower Upper
 119 100
 134 22.4 12.8 38.3
 91 25.2 10.7 32.1

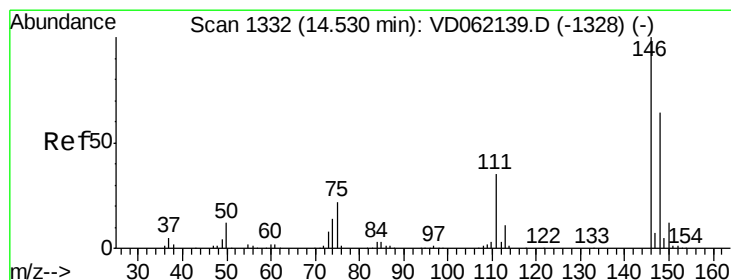
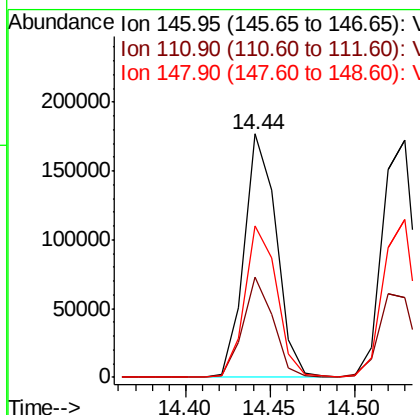
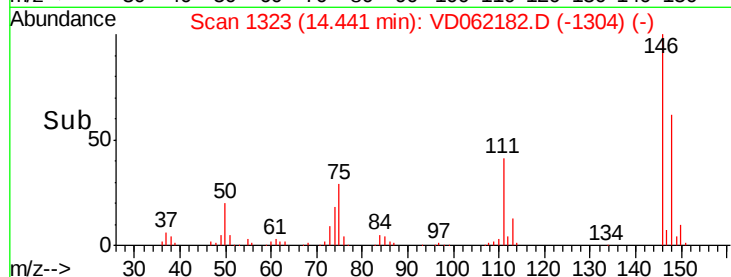
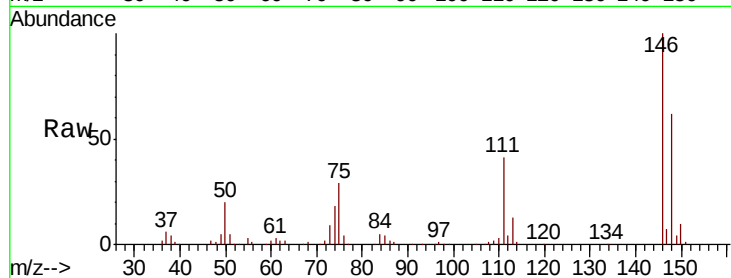




#87
 1,3-Dichlorobenzene
 Concen: 48.444 ug/l
 RT: 14.44 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

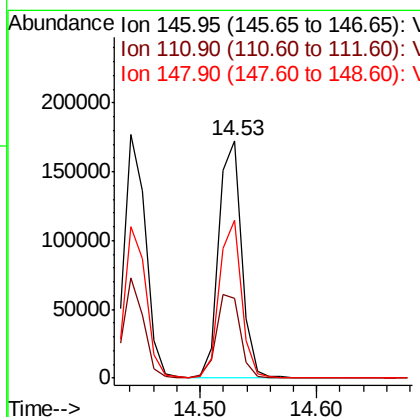
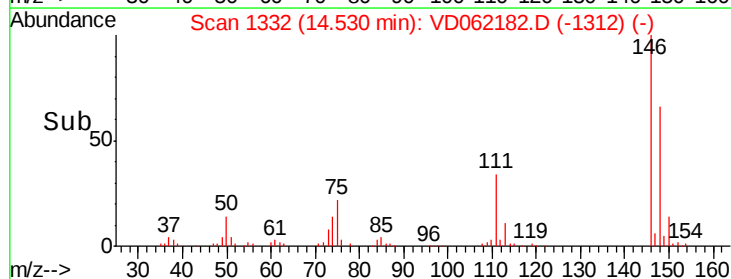
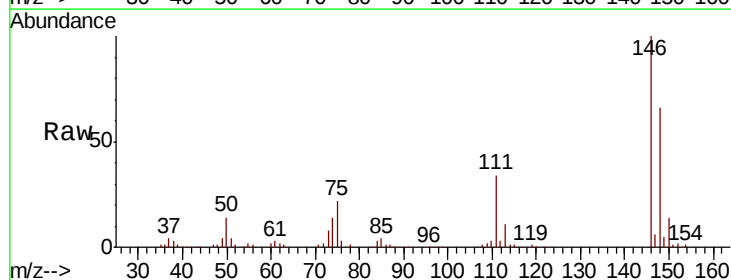
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion:146 Resp: 234913
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.0 60.0
 148 62.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 49.289 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Tgt Ion:146 Resp: 234845
 Ion Ratio Lower Upper
 146 100
 111 33.8 20.2 60.5
 148 66.3 32.0 96.2





#89

n-Butylbenzene

Concen: 33.441 ug/l

RT: 14.79 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01MS

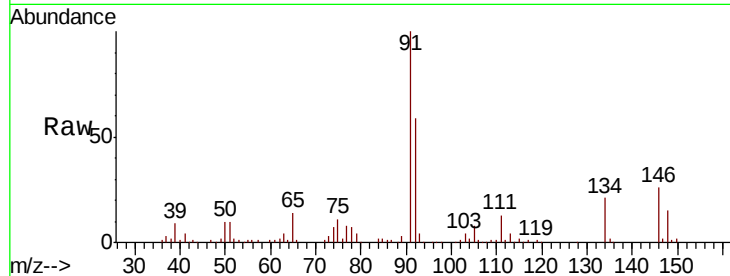
Tot Ion: 91 Resp: 263899

Ion Ratio Lower Upper

91 100

92 59.5 30.3 91.0

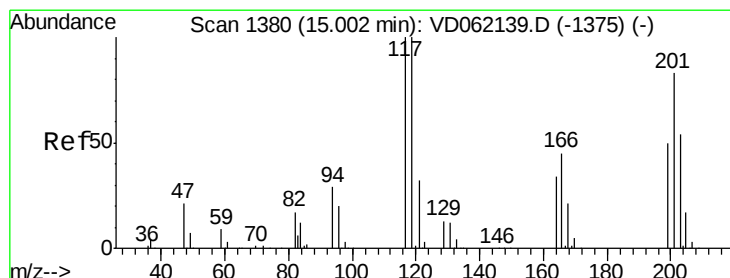
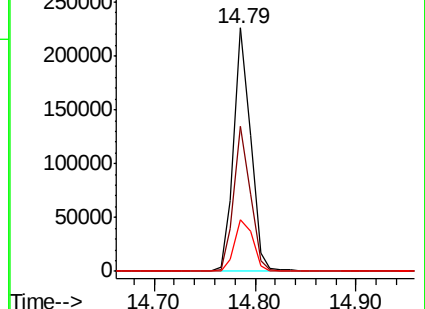
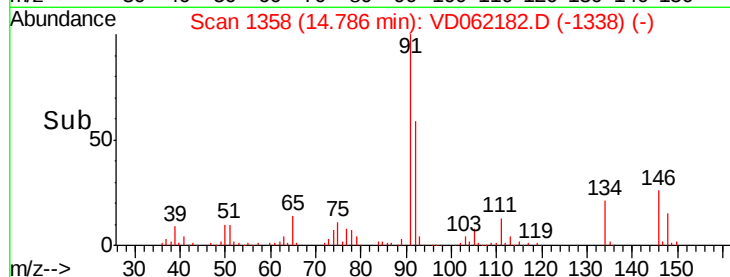
134 21.3 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V



#90

Hexachloroethane

Concen: 44.647 ug/l

RT: 14.99 min Scan# 1379

Delta R.T. -0.01 min

Lab File: VD062182.D

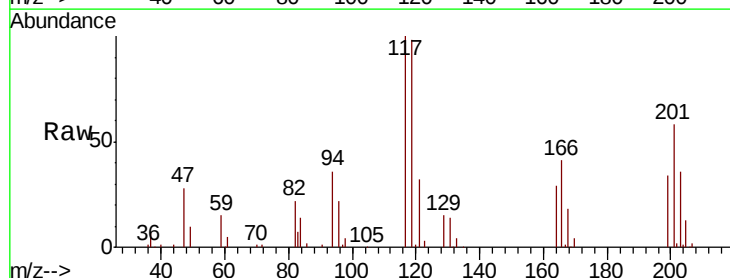
Acq: 8 May 2019 18:59

Tgt Ion: 117 Resp: 106747

Ion Ratio Lower Upper

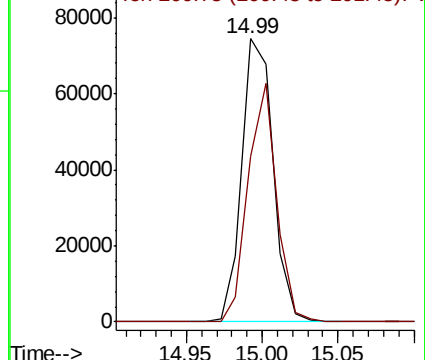
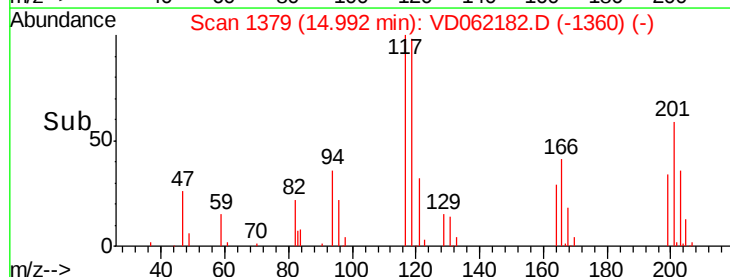
117 100

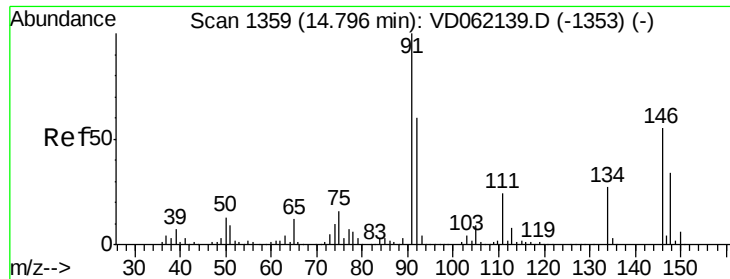
201 58.4 30.2 90.6



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V

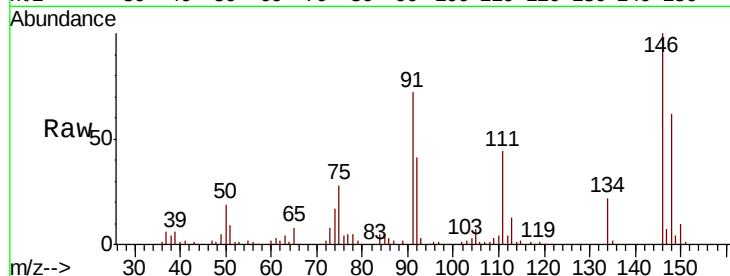




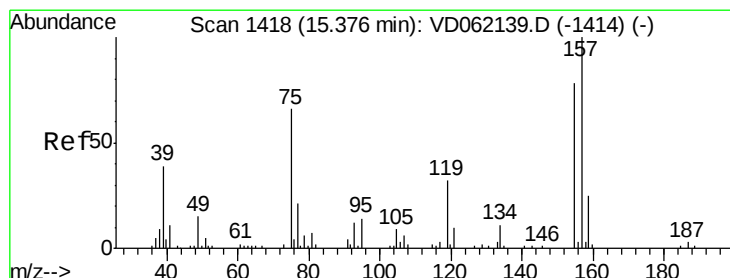
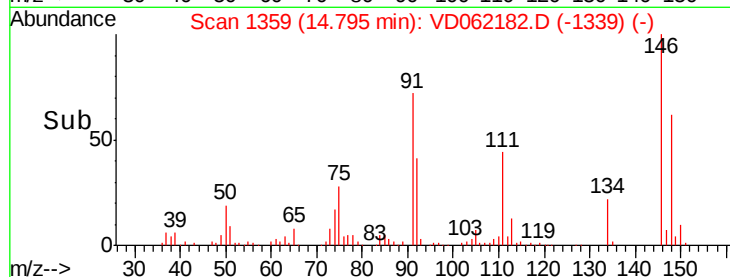
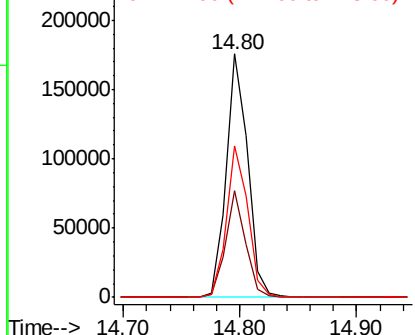
#91
 1,2-Dichlorobenzene
 Concen: 56.202 ug/l
 RT: 14.80 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion:146 Resp: 224449
 Ion Ratio Lower Upper
 146 100
 111 43.6 20.0 59.9
 148 62.0 32.3 96.8

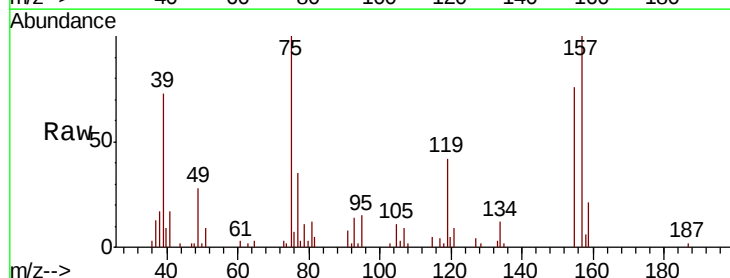


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

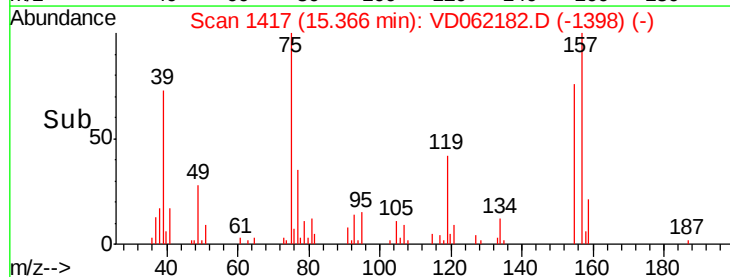
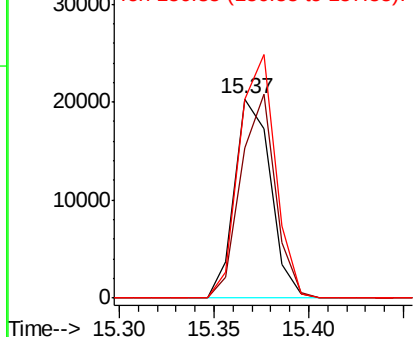


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 90.742 ug/l
 RT: 15.37 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Tgt Ion: 75 Resp: 26740
 Ion Ratio Lower Upper
 75 100
 155 75.6 55.3 165.8
 157 99.8 67.8 203.2



Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V

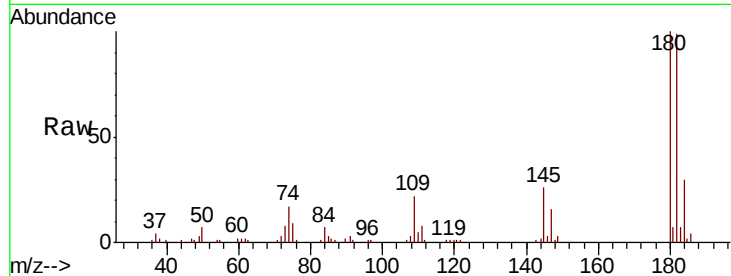




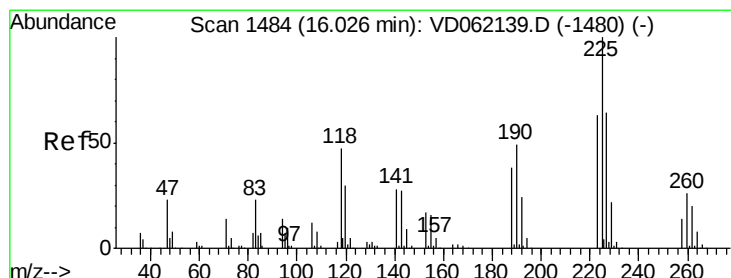
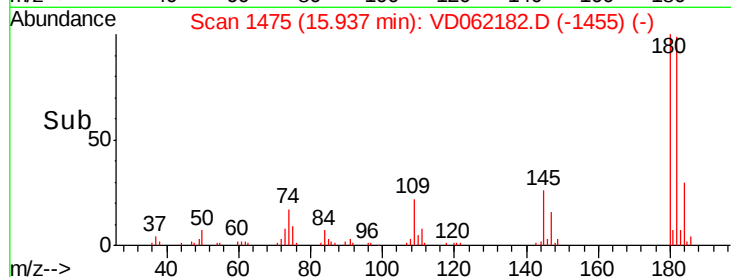
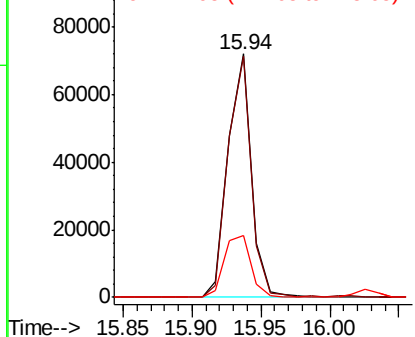
#93
 1,2,4-Trichlorobenzene
 Concen: 29.246 ug/l
 RT: 15.94 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion:180 Resp: 85013
 Ion Ratio Lower Upper
 180 100
 182 98.8 49.3 147.8
 145 25.6 16.2 48.6

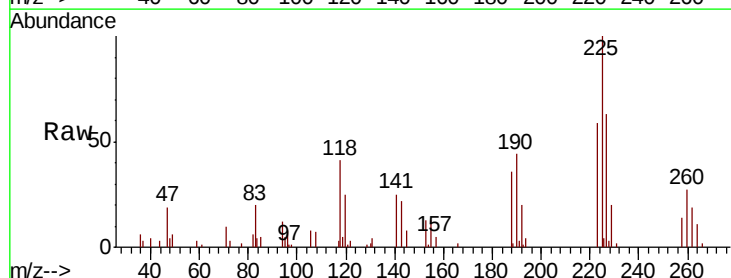


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

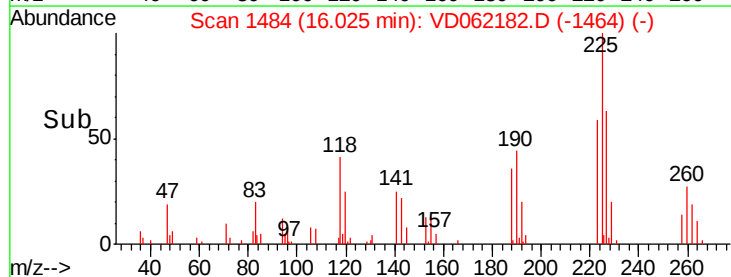
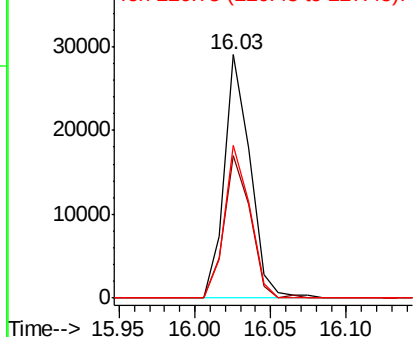


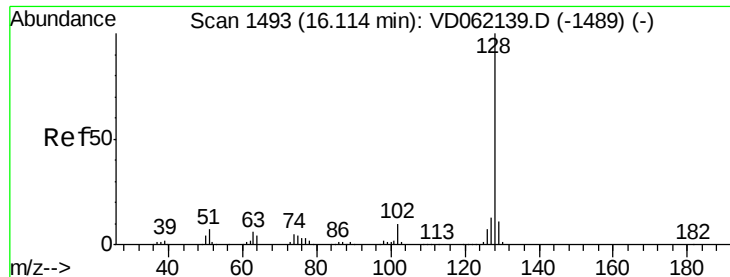
#94
 Hexachlorobutadiene
 Concen: 16.004 ug/l
 RT: 16.03 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Tgt Ion:225 Resp: 34600
 Ion Ratio Lower Upper
 225 100
 223 58.6 30.6 92.0
 227 62.9 32.0 96.2



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: 42.335 ug/l

RT: 16.11 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01MS

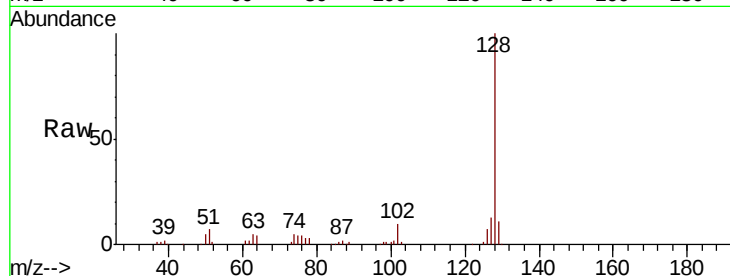
Tot Ion:128 Resp: 171805

Ion Ratio Lower Upper

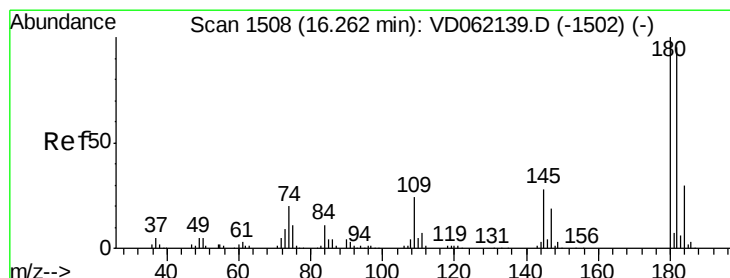
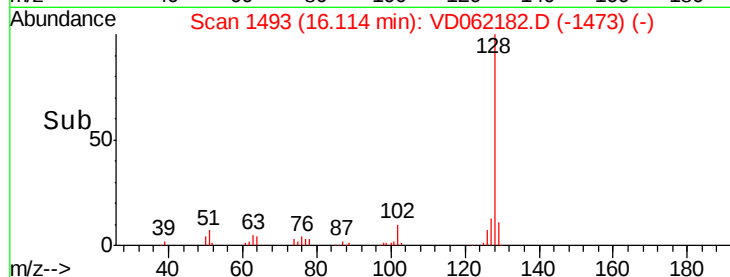
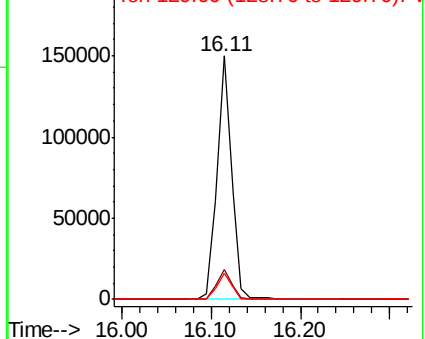
128 100

127 12.5 9.8 14.8

129 10.7 8.8 13.2



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: 31.962 ug/l

RT: 16.26 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

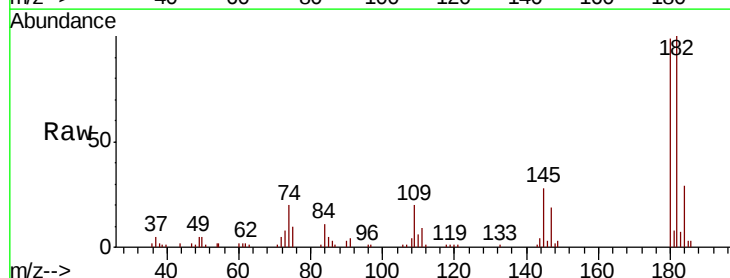
Tgt Ion:180 Resp: 58414

Ion Ratio Lower Upper

180 100

182 100.9 47.0 141.0

145 28.5 17.0 51.0



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

