

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071019\
 Data File : VD063066.D
 Acq On : 10 Jul 2019 18:59
 Operator : VA/AP
 Sample : K3726-03
 Misc : 5.48g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-3 070919

Quant Time: Jul 11 07:02:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	46503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	93890	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	50769	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	39281	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	69066	136.63	ug/l	-0.01
Spiked Amount			Recovery	=	273.26%	
35) Dibromofluoromethane	6.92	113	52993	66.94	ug/l	-0.01
Spiked Amount			Recovery	=	133.88%	
50) Toluene-d8	10.40	98	54340	31.54	ug/l	-0.01
Spiked Amount			Recovery	=	63.08%	
62) 4-Bromofluorobenzene	13.53	95	67941	86.72	ug/l	-0.02
Spiked Amount			Recovery	=	173.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.16	94	1541	7.333	ug/l #	13
8) Diethyl Ether	3.00	74	333	2.886	ug/l #	1
10) Methyl Iodide	3.31	142	780	1.202	ug/l #	27
11) Tert butyl alcohol	4.07	59	205	8.905	ug/l #	77
13) Acrolein	3.11	56	801	34.081	ug/l #	15
15) Acrylonitrile	4.17	53	278	5.139	ug/l #	11
16) Acetone	3.22	43	605650	6071.270	ug/l	95
18) Methyl Acetate	3.64	43	3956	25.925	ug/l #	58
20) Methylene Chloride	3.80	84	2055	5.331	ug/l #	59
25) 2-Butanone	6.07	43	2932	31.013	ug/l #	64
29) Tetrahydrofuran	6.47	42	193	4.315	ug/l #	33
31) Cyclohexane	6.95	56	599	1.262	ug/l #	13
36) 1,1-Dichloropropene	7.04	75	3314	3.729	ug/l #	46
39) Methylcyclohexane	8.87	83	11384	14.551	ug/l	86
47) Bromodichloromethane	9.52	83	1230	1.243	ug/l #	25
49) 1,4-Dioxane	9.03	88	180	65.338	ug/l #	1
51) 4-Methyl-2-Pentanone	10.30	43	1139	3.448	ug/l #	41
52) Toluene	10.50	92	5437	4.534	ug/l #	55
55) 1,1,2-Trichloroethane	11.24	97	1307	3.172	ug/l #	53
56) Ethyl methacrylate	11.09	69	9438	21.434	ug/l #	1
59) 2-Hexanone	11.49	43	155959	662.851	ug/l #	36
65) Chlorobenzene	12.30	112	3440	3.651	ug/l #	42
67) Ethyl Benzene	12.52	91	31571	18.663	ug/l	99
68) m/p-Xylenes	12.66	106	120587	204.667	ug/l	88
69) o-Xylene	13.05	106	203310	377.476	ug/l	96
70) Styrene	13.05	104	11332	11.978	ug/l #	1
73) Isopropylbenzene	13.41	105	65625	26.056	ug/l	94
74) N-amyl acetate	13.22	43	730451	1194.246	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	13.71	83	243841	594.200	ug/l #	49
76) 1,2,3-Trichloropropane	13.71	75	2034	4.485	ug/l #	1
77) Bromobenzene	13.67	156	822	1.213	ug/l #	1
78) n-propylbenzene	13.77	91	86228	29.415	ug/l	92
79) 2-Chlorotoluene	13.85	91	219041	130.750	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.94	105	2520150	1191.250	ug/l	100

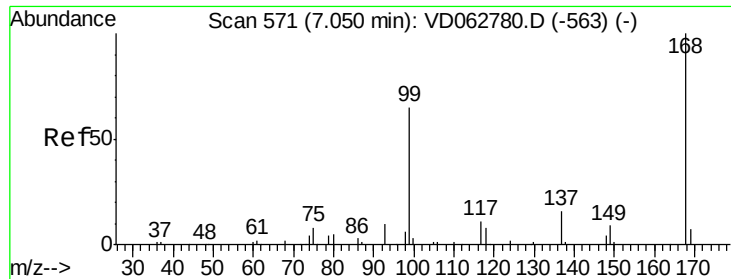
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	13.41	75	1095	9.213	ug/l #	1
82) 4-Chlorotoluene	13.94	91	286058	141.833	ug/l #	45
83) tert-Butylbenzene	14.19	119	25142	10.662	ug/l #	55
84) 1,2,4-Trimethylbenzene	14.24	105	2911201	1342.591	ug/l	97
85) sec-Butylbenzene	14.37	105	233416	91.074	ug/l	100
86) p-Isopropyltoluene	14.49	119	767122	327.176	ug/l	99
88) 1,4-Dichlorobenzene	14.54	146	1695	1.390	ug/l #	1
89) n-Butylbenzene	14.78	91	1064267	484.963	ug/l #	1
90) Hexachloroethane	15.01	117	457111	725.096	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	15.38	75	53997	674.155	ug/l #	20
93) 1,2,4-Trichlorobenzene	15.83	180	3338	4.113	ug/l	78
95) Naphthalene	16.12	128	44532	39.147	ug/l #	62
96) 1,2,3-Trichlorobenzene	16.29	180	2330	3.736	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

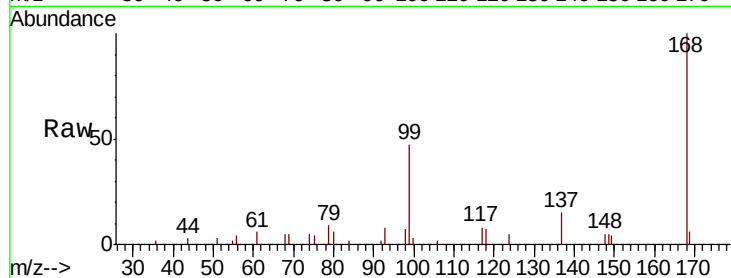
PX-3 070919

Tot Ion:168 Resp: 46503

Ion Ratio Lower Upper

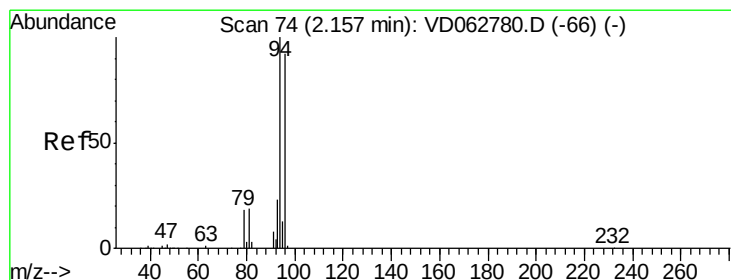
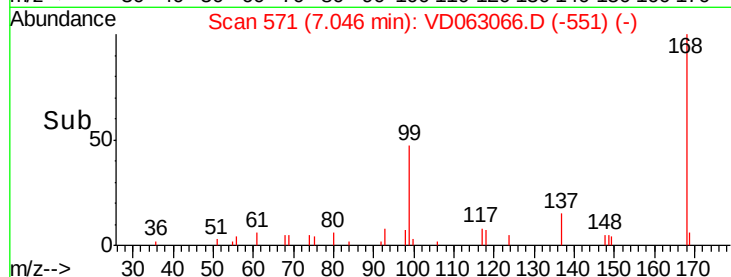
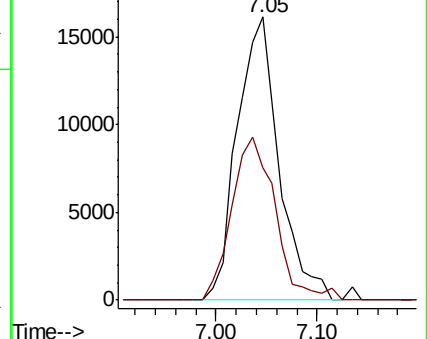
168 100

99 46.7 53.0 79.6#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 7.333 ug/l

RT: 2.16 min Scan# 75

Delta R.T. 0.01 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

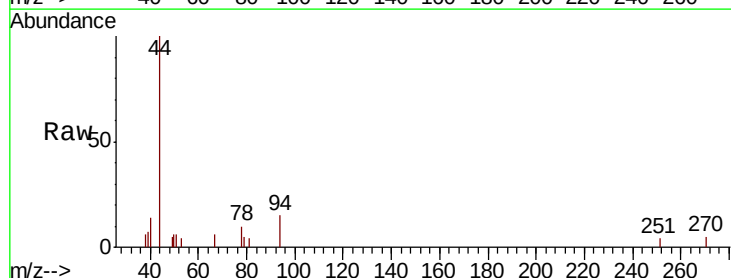
Tgt Ion: 94 Resp: 1541

Ion Ratio Lower Upper

94 100

96 0.0 73.4 110.2#

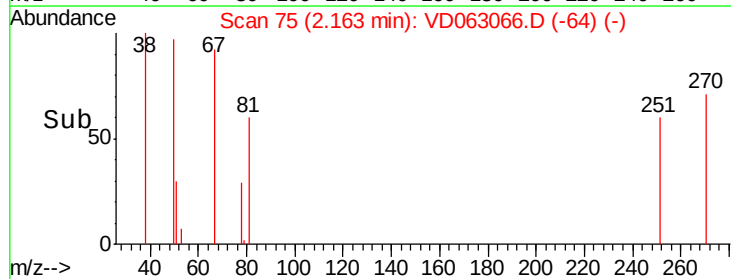
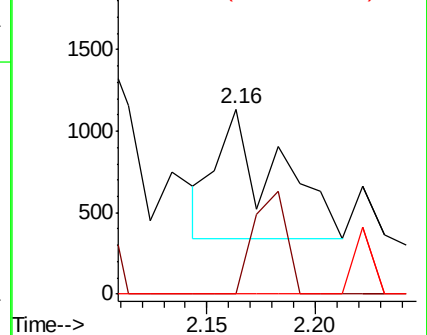
93 0.0 18.2 27.4#

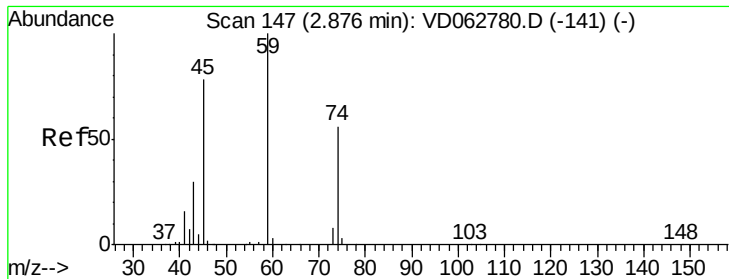


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#8

Diethyl Ether

Concen: 2.886 ug/l

RT: 3.00 min Scan# 160

Delta R.T. 0.12 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

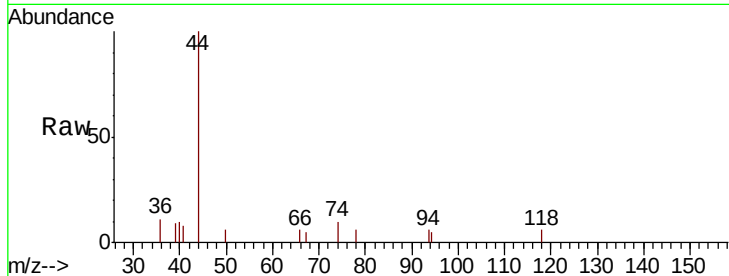
PX-3 070919

Tot Ion: 74 Resp: 333

Ion Ratio Lower Upper

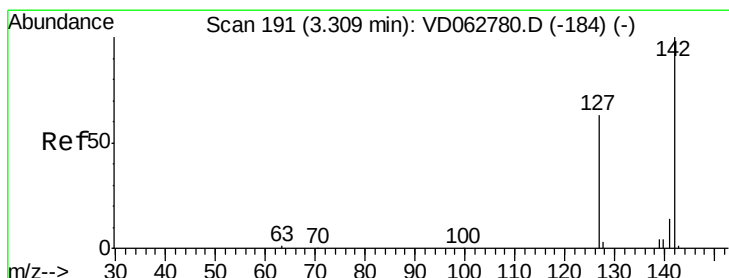
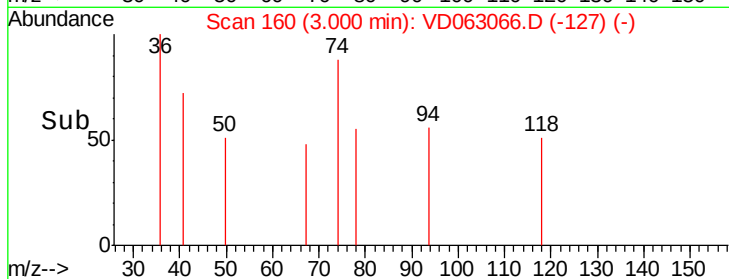
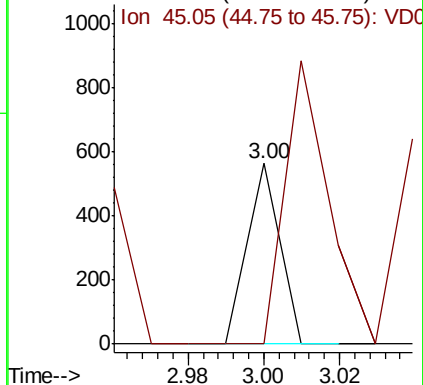
74 100

45 0.0 70.2 210.6#



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC



#10

Methyl Iodide

Concen: 1.202 ug/l

RT: 3.31 min Scan# 191

Delta R.T. -0.00 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

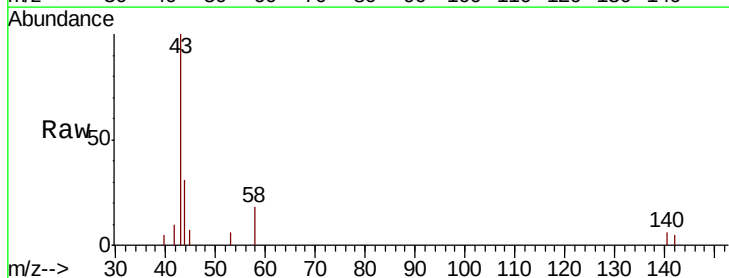
Tgt Ion: 142 Resp: 780

Ion Ratio Lower Upper

142 100

127 0.0 50.1 75.1#

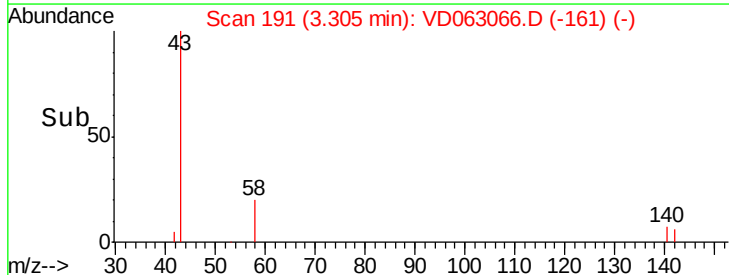
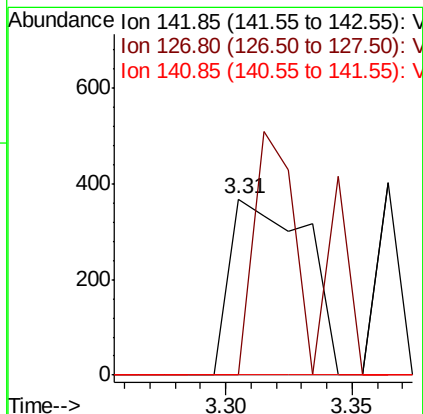
141 0.0 11.0 16.4#

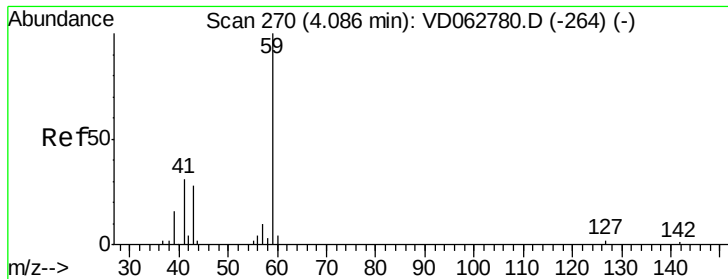


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

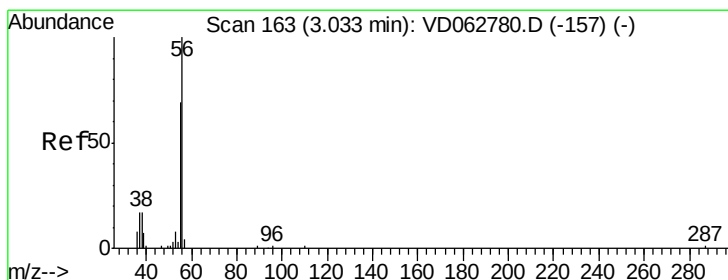
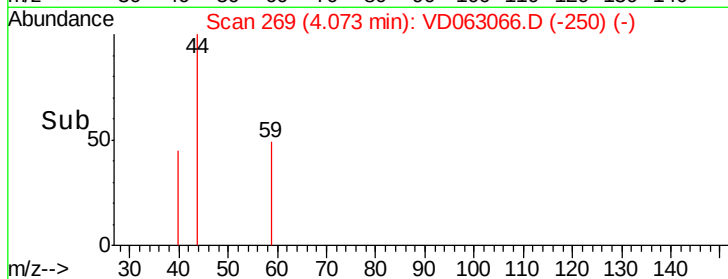
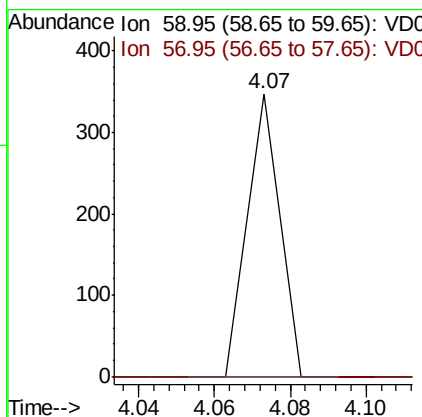
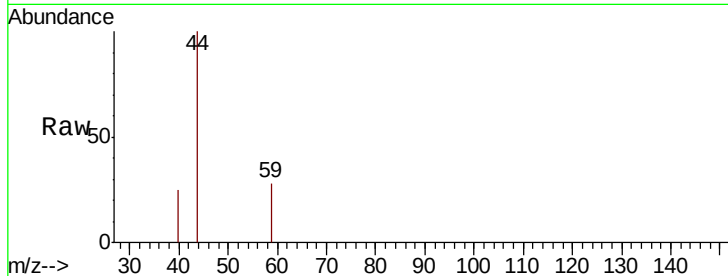




#11
Tert butyl alcohol
Concen: 8.905 ug/l
RT: 4.07 min Scan# 269
Delta R.T. -0.01 min
Lab File: VD063066.D
Acq: 10 Jul 2019 18:59

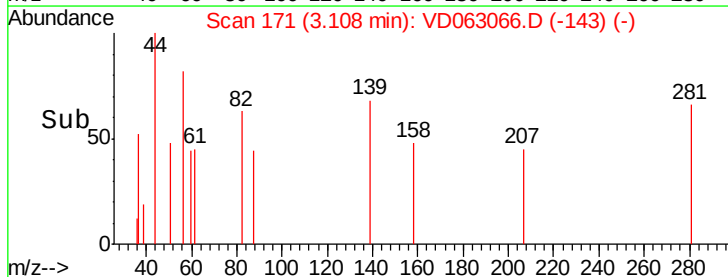
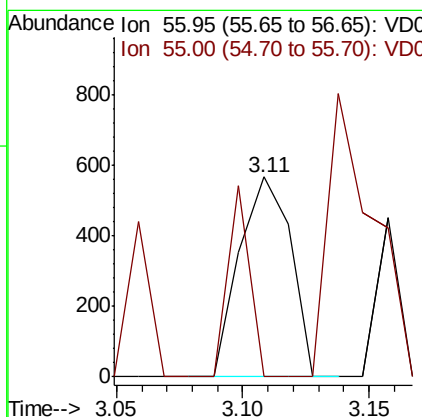
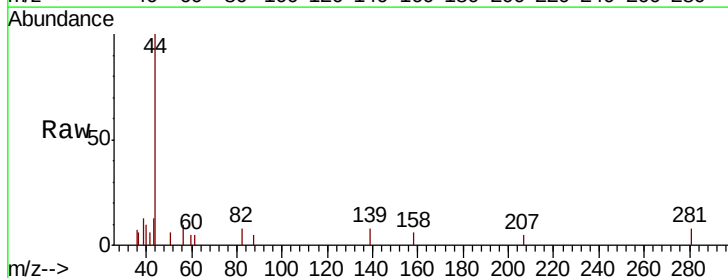
Instrument :
MSVOA_D
ClientSampleId :
PX-3_070919

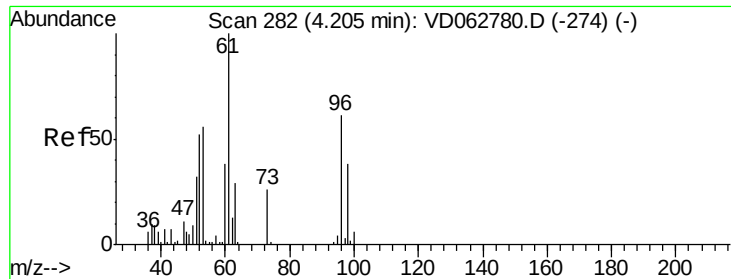
Tot Ion: 59 Resp: 205
Ion Ratio Lower Upper
59 100
57 0.0 6.6 10.0#



#13
Acrolein
Concen: 34.081 ug/l
RT: 3.11 min Scan# 171
Delta R.T. 0.08 min
Lab File: VD063066.D
Acq: 10 Jul 2019 18:59

Tgt Ion: 56 Resp: 801
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.0#





#15

Acrylonitrile

Concen: 5.139 ug/l

RT: 4.17 min Scan# 279

Delta R.T. -0.03 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

PX-3_070919

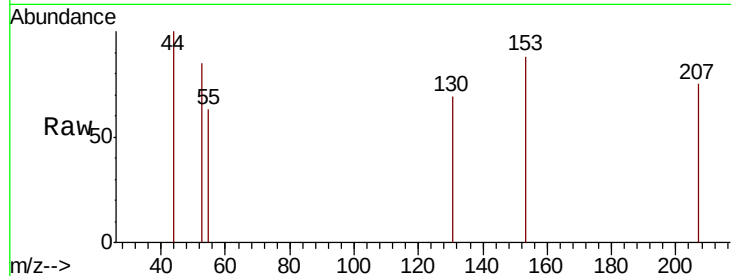
Tot Ion: 53 Resp: 278

Ion Ratio Lower Upper

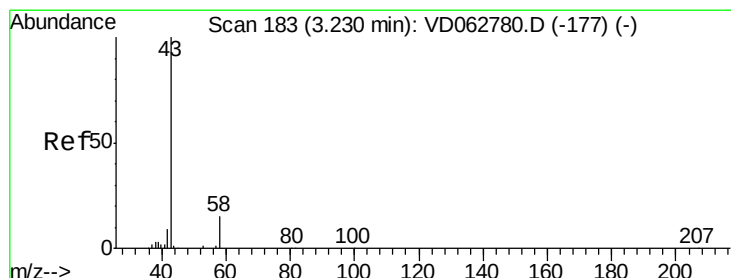
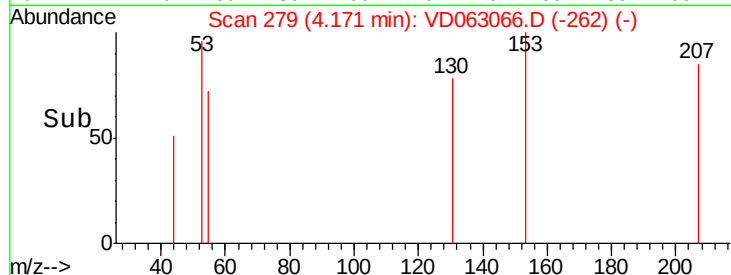
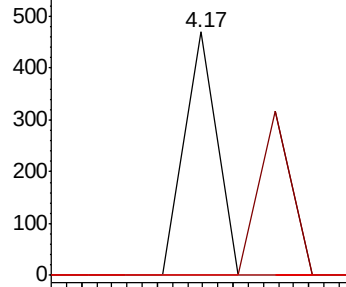
53 100

52 0.0 73.3 109.9#

51 0.0 44.8 67.2#



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: 6071.270 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD063066.D

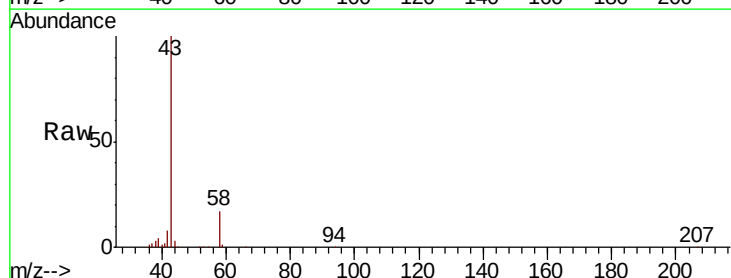
Acq: 10 Jul 2019 18:59

Tgt Ion: 43 Resp: 605650

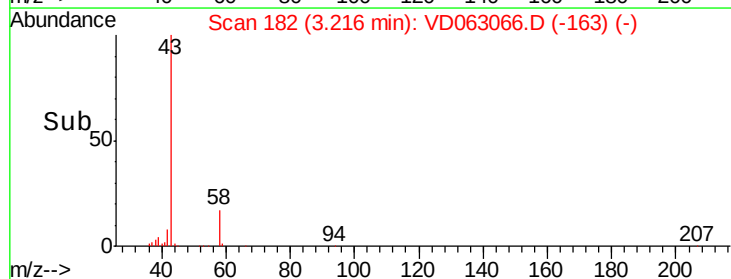
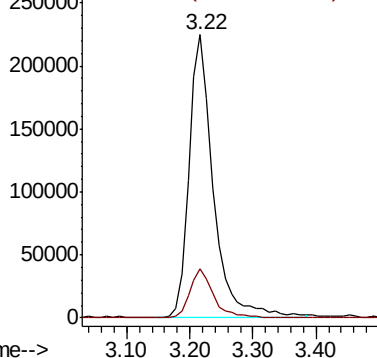
Ion Ratio Lower Upper

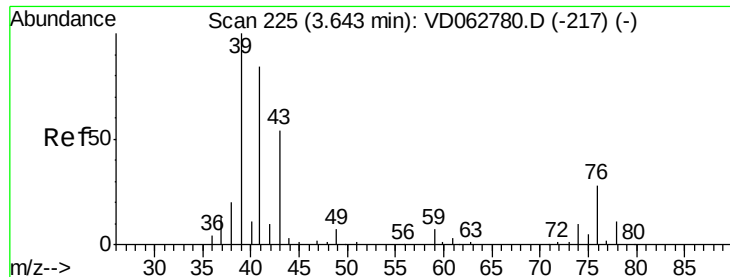
43 100

58 17.2 11.9 17.9



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

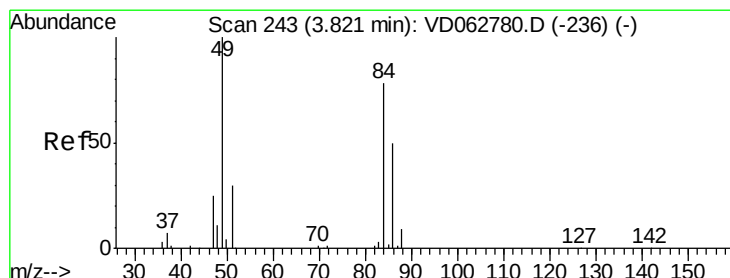
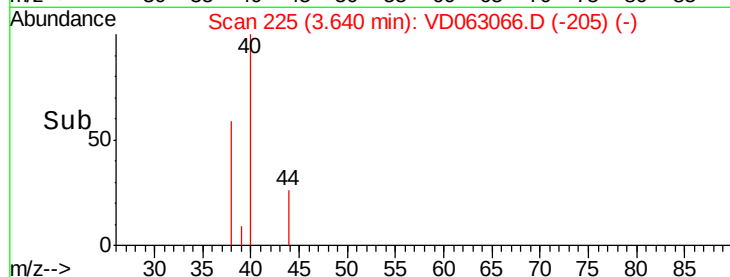
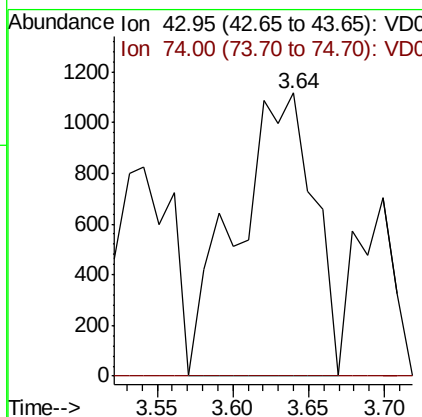
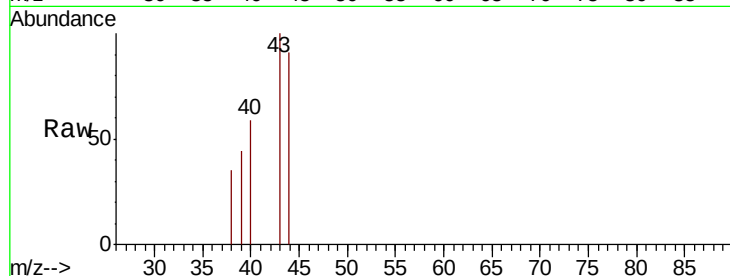




#18
Methyl Acetate
Concen: 25.925 ug/l
RT: 3.64 min Scan# 225
Delta R.T. -0.00 min
Lab File: VD063066.D
Acq: 10 Jul 2019 18:59

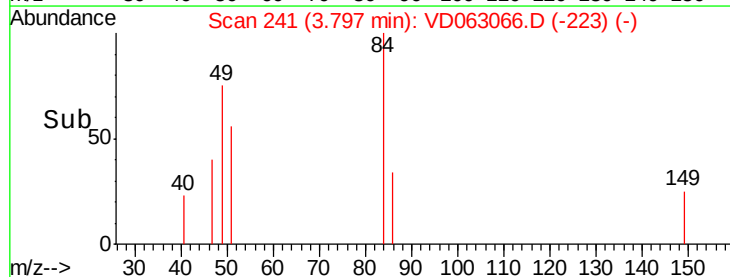
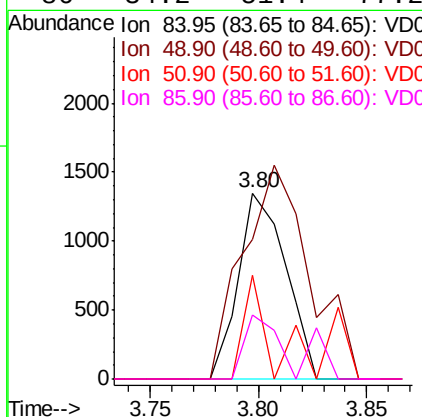
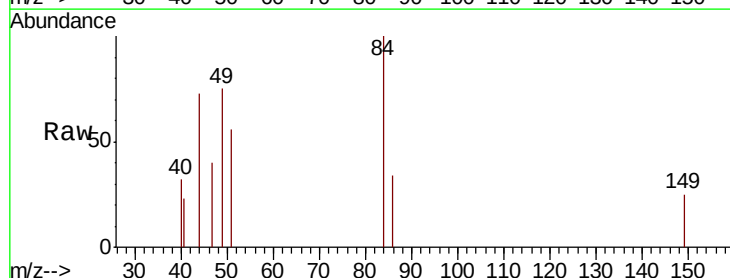
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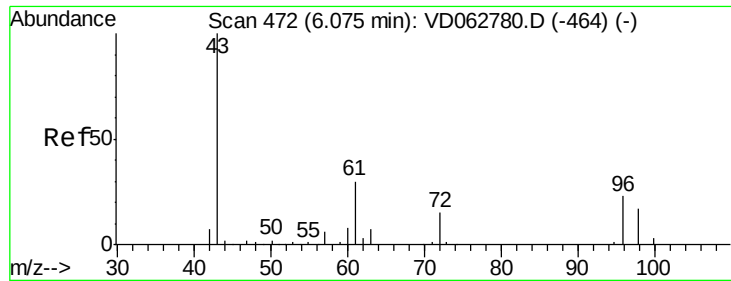
Tot Ion: 43 Resp: 3956
Ion Ratio Lower Upper
43 100
74 0.0 15.2 22.8#



#20
Methylene Chloride
Concen: 5.331 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD063066.D
Acq: 10 Jul 2019 18:59

Tgt Ion: 84 Resp: 2055
Ion Ratio Lower Upper
84 100
49 74.9 102.9 154.3#
51 55.9 31.2 46.8#
86 34.2 51.4 77.2#





#25

2-Butanone

Concen: 31.013 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.00 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

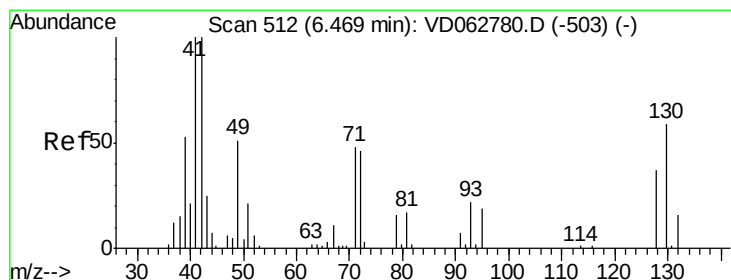
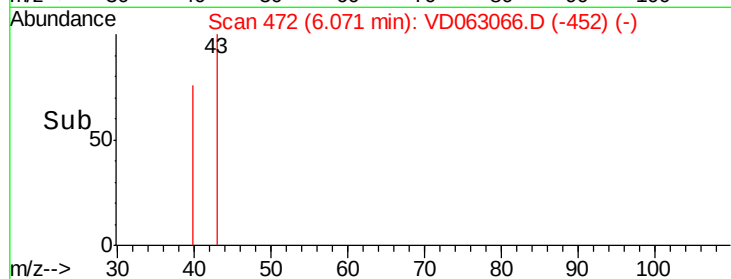
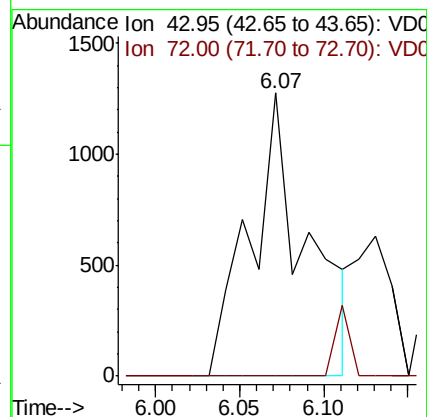
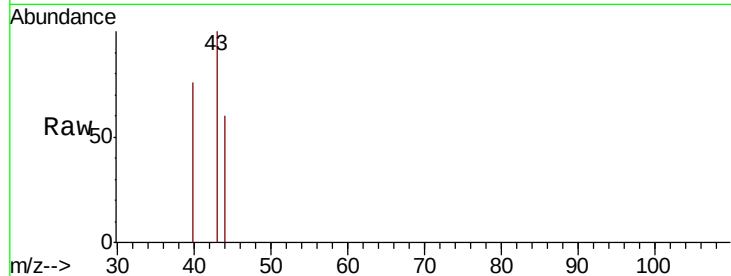
PX-3 070919

Tot Ion: 43 Resp: 2932

Ion Ratio Lower Upper

43 100

72 0.0 11.9 17.9#



#29

Tetrahydrofuran

Concen: 4.315 ug/l

RT: 6.47 min Scan# 512

Delta R.T. -0.00 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

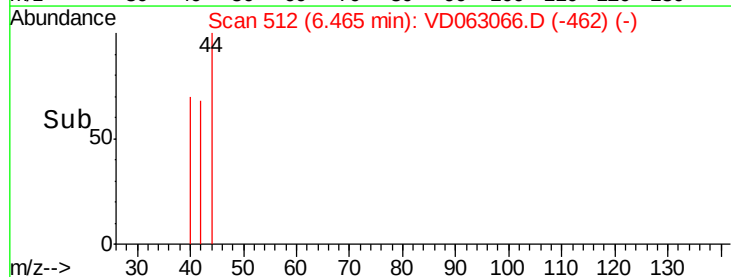
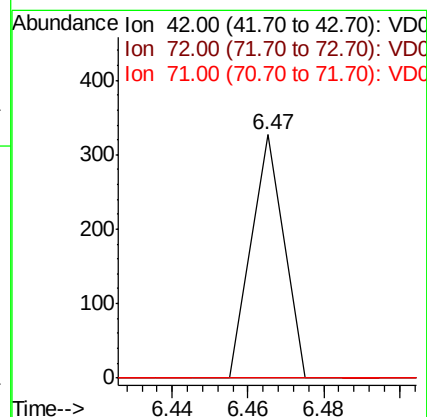
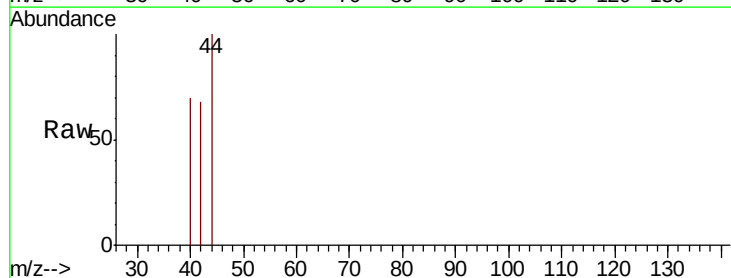
Tgt Ion: 42 Resp: 193

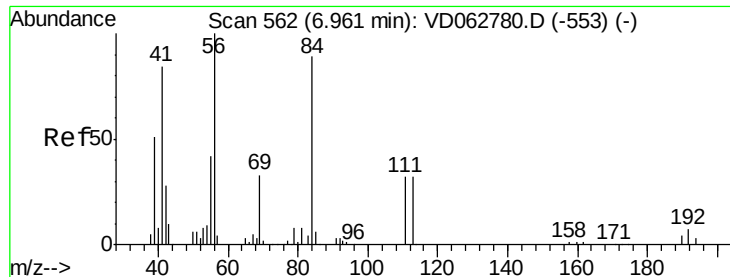
Ion Ratio Lower Upper

42 100

72 0.0 35.0 52.6#

71 0.0 33.3 49.9#

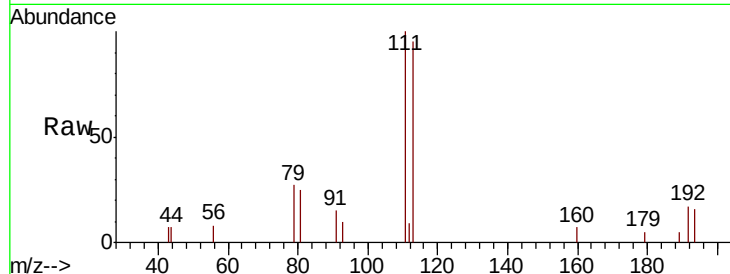




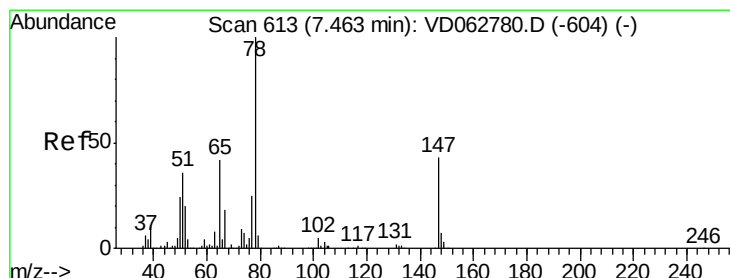
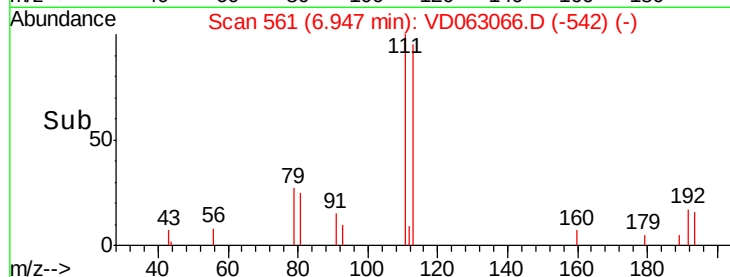
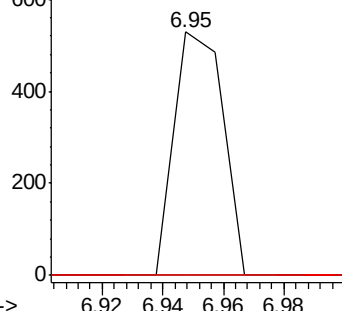
#31
Cyclohexane
Concen: 1.262 ug/l
RT: 6.95 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD063066.D
Acq: 10 Jul 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
PX-3_070919

Tot Ion: 56 Resp: 599
Ion Ratio Lower Upper
56 100
69 0.0 26.6 39.8#
84 0.0 75.5 113.3#

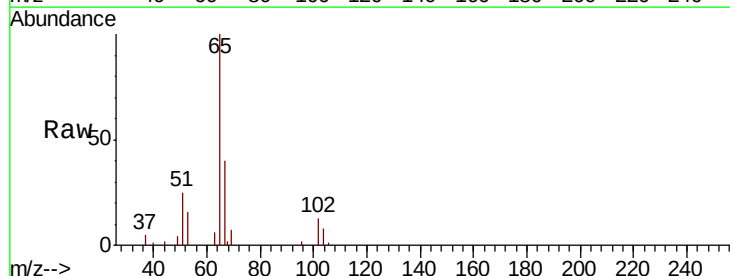


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

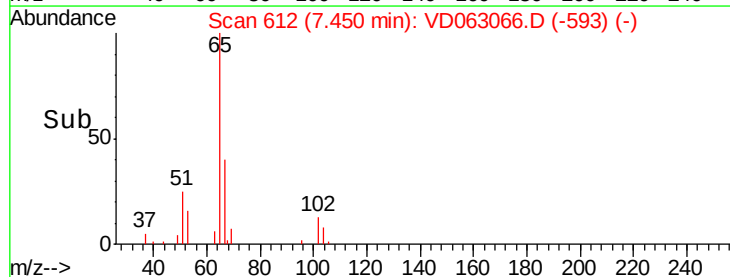
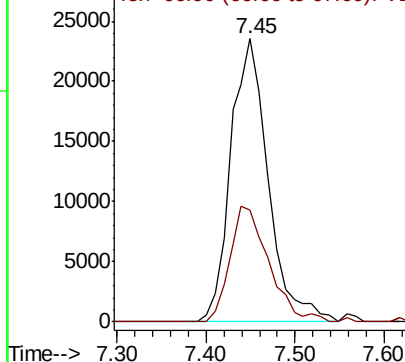


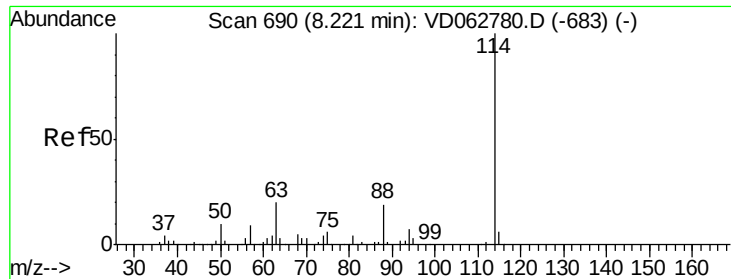
#33
1,2-Dichloroethane-d4
Concen: 136.634 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD063066.D
Acq: 10 Jul 2019 18:59

Tgt Ion: 65 Resp: 69066
Ion Ratio Lower Upper
65 100
67 39.7 0.0 87.4



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: 8.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

PX-3 070919

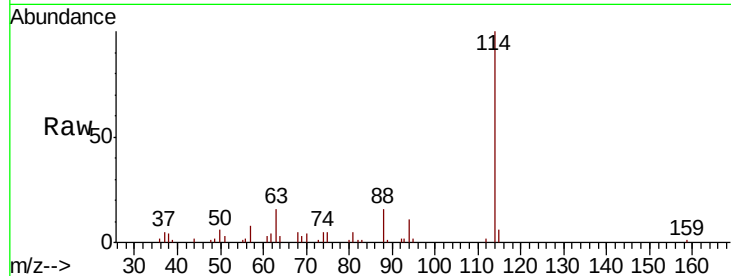
Tot Ion:114 Resp: 93890

Ion Ratio Lower Upper

114 100

63 15.8 0.0 40.0

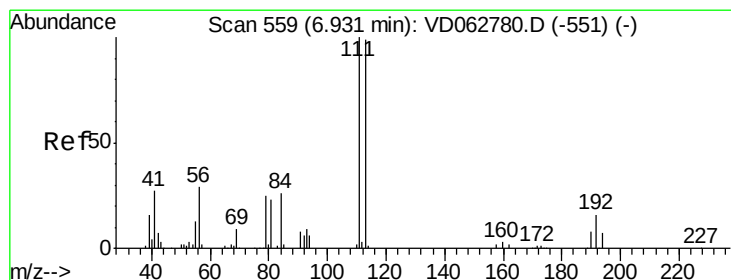
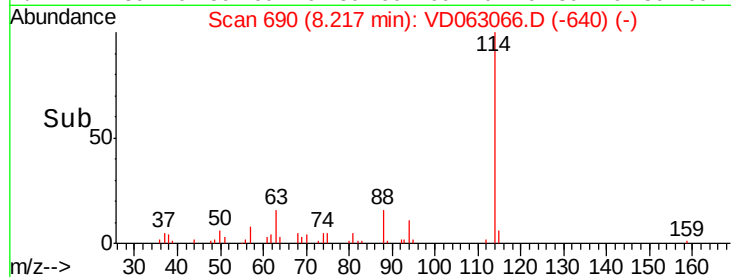
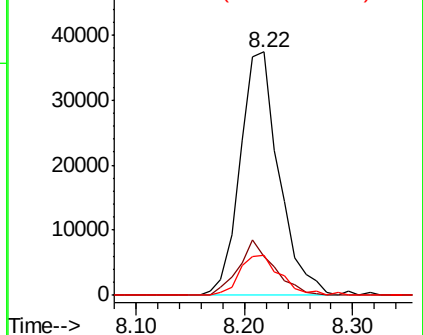
88 16.4 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 66.938 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

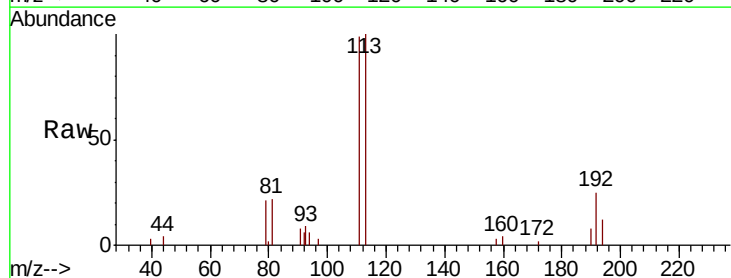
Tgt Ion:113 Resp: 52993

Ion Ratio Lower Upper

113 100

111 99.2 81.2 121.8

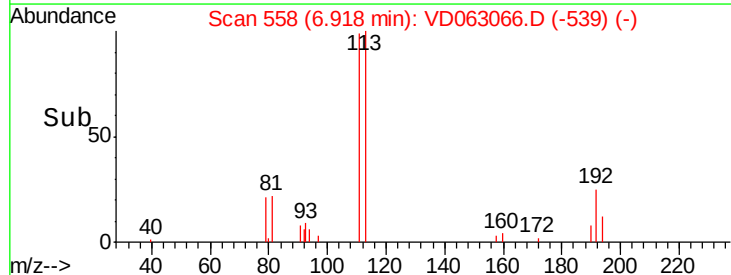
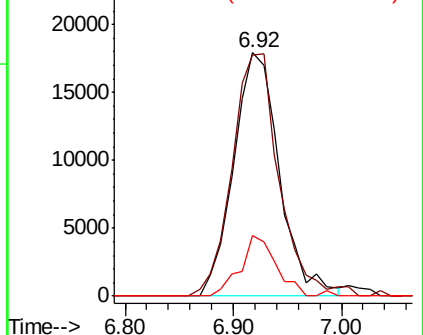
192 25.1 12.9 19.3#

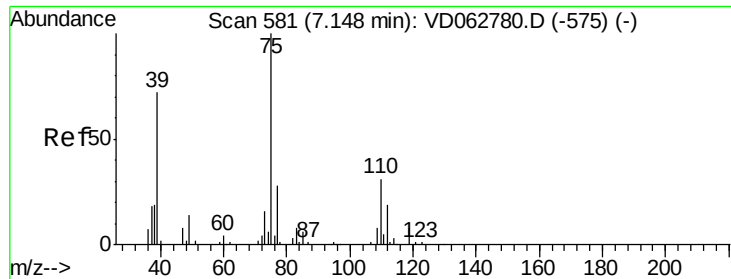


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

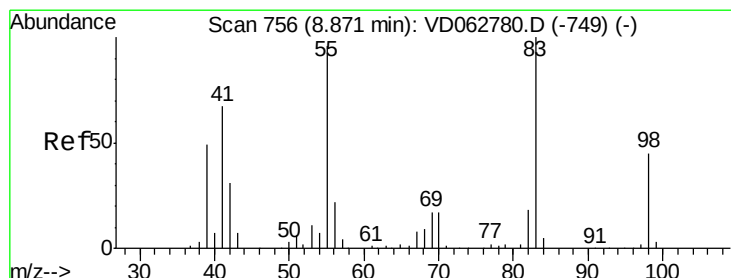
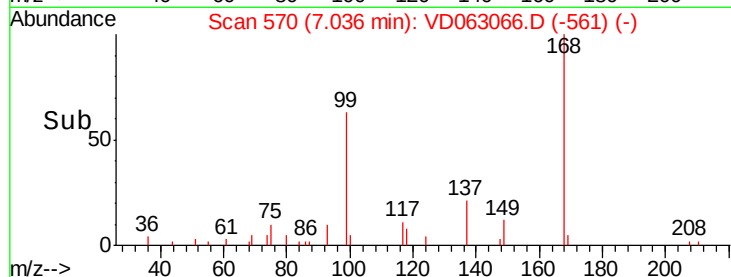
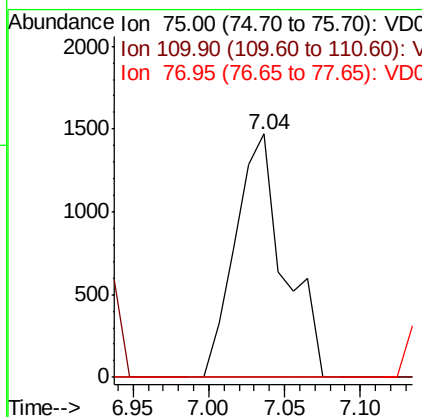
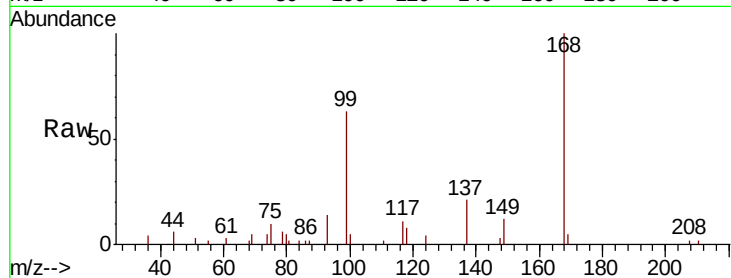




#36
 1,1-Dichloropropene
 Concen: 3.729 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.11 min
 Lab File: VD063066.D
 Acq: 10 Jul 2019 18:59

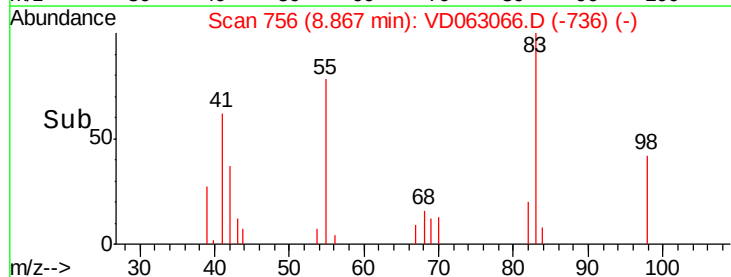
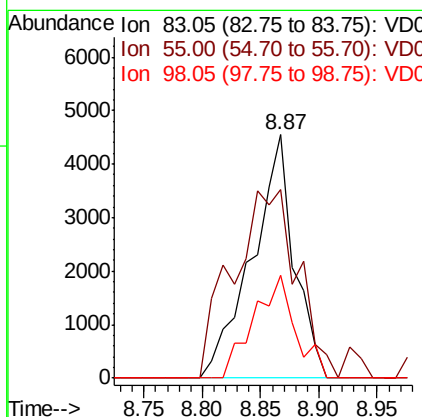
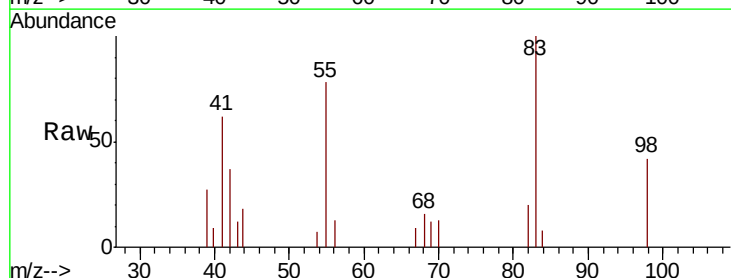
Instrument :
 MSVOA_D
 ClientSampleId :
 PX-3_070919

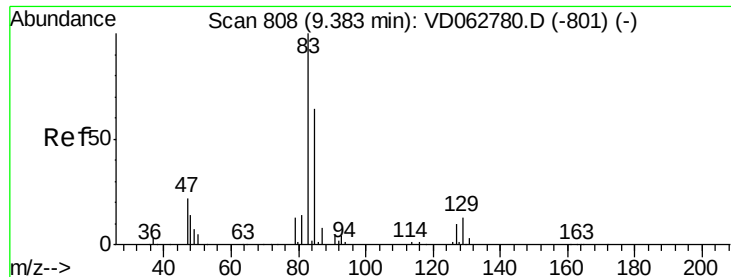
Tot Ion: 75 Resp: 3314
 Ion Ratio Lower Upper
 75 100
 110 0.0 15.0 45.1#
 77 0.0 22.2 33.2#



#39
 Methylcyclohexane
 Concen: 14.551 ug/l
 RT: 8.87 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: VD063066.D
 Acq: 10 Jul 2019 18:59

Tgt Ion: 83 Resp: 11384
 Ion Ratio Lower Upper
 83 100
 55 77.5 76.6 115.0
 98 42.1 35.7 53.5





#47

Bromodichloromethane

Concen: 1.243 ug/l

RT: 9.52 min Scan# 822

Delta R.T. 0.13 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

PX-3 070919

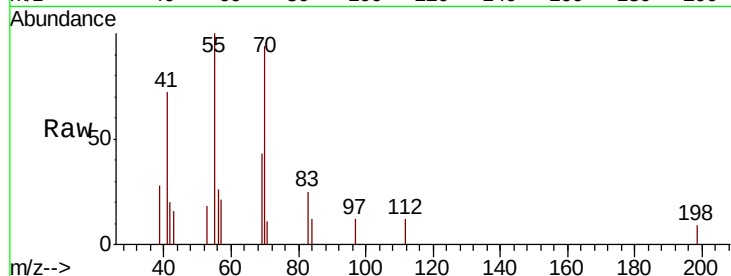
Tot Ion: 83 Resp: 1230

Ion Ratio Lower Upper

83 100

85 0.0 51.6 77.4#

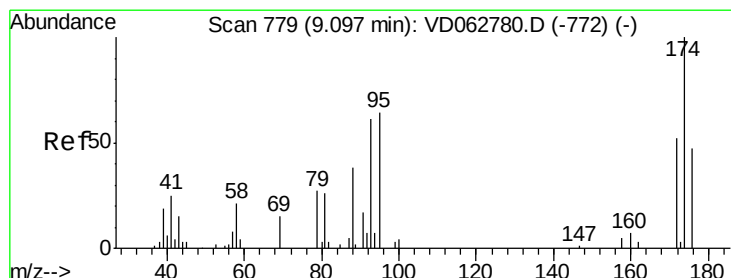
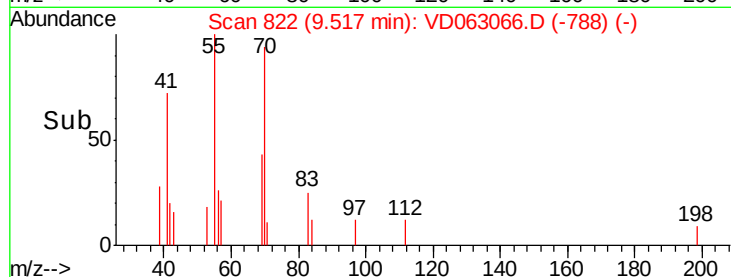
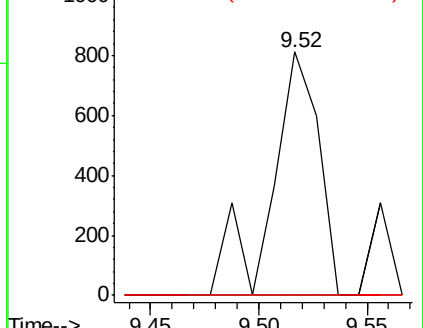
127 0.0 7.8 11.6#



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



#49

1,4-Dioxane

Concen: 65.338 ug/l

RT: 9.03 min Scan# 773

Delta R.T. -0.06 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

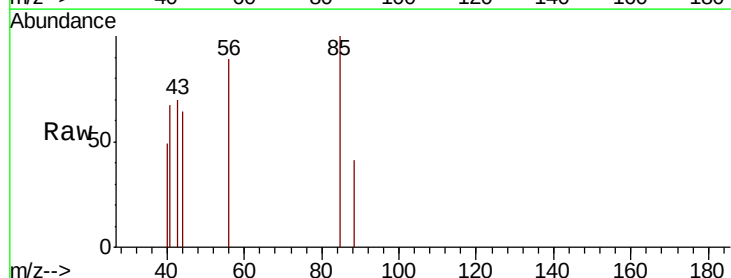
Tgt Ion: 88 Resp: 180

Ion Ratio Lower Upper

88 100

43 170.2 32.1 48.1#

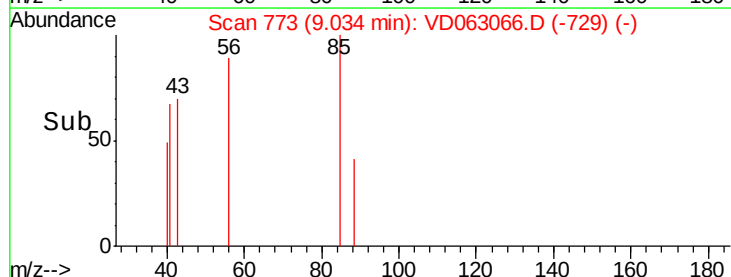
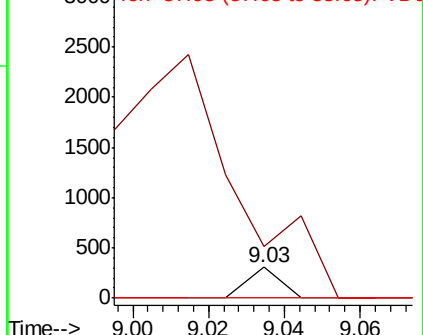
58 0.0 44.1 66.1#

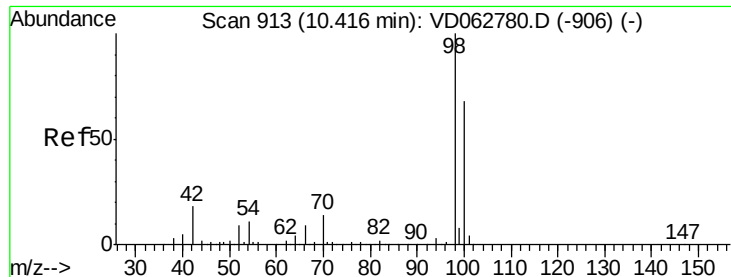


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC





#50

Toluene-d8

Concen: 31.537 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

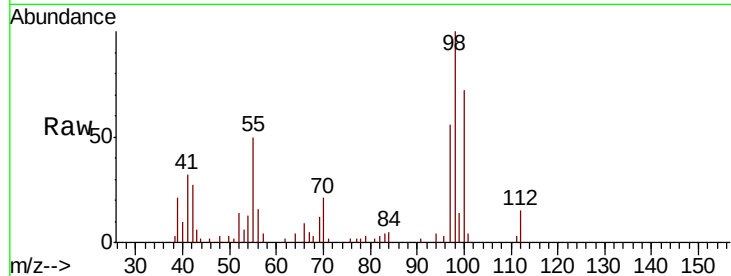
PX-3 070919

Tot Ion: 98 Resp: 54340

Ion Ratio Lower Upper

98 100

100 72.2 54.7 82.1

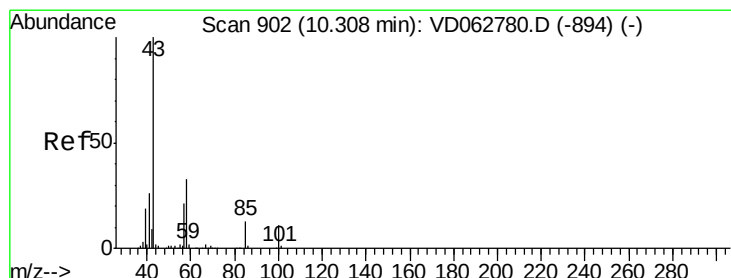
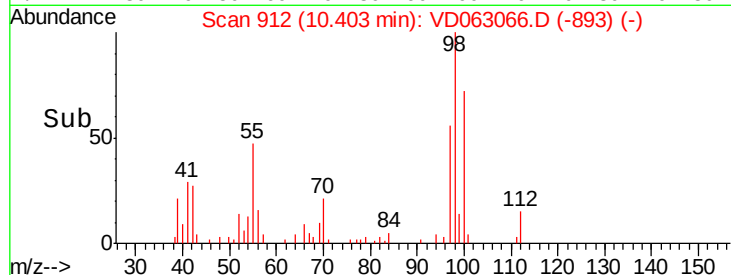


Abundance Ion 98.05 (97.75 to 98.75): VD062780.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD062780.D (-906) (-)

10.40

Time-->



#51

4-Methyl-2-Pentanone

Concen: 3.448 ug/l

RT: 10.30 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD063066.D

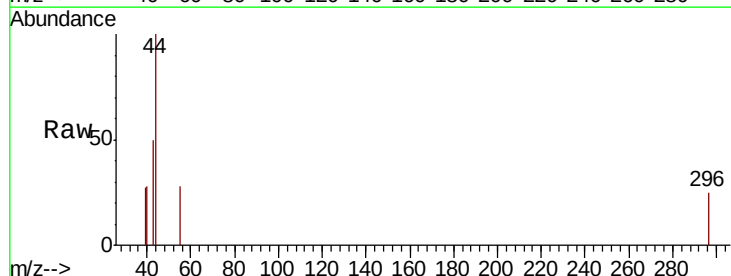
Acq: 10 Jul 2019 18:59

Tgt Ion: 43 Resp: 1139

Ion Ratio Lower Upper

43 100

58 0.0 26.6 40.0#

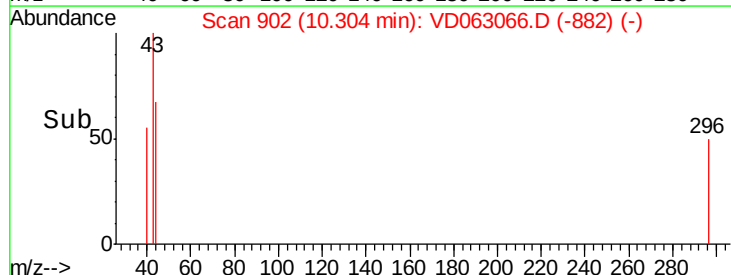


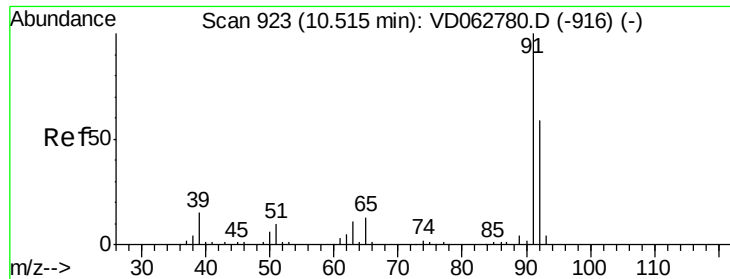
Abundance Ion 42.95 (42.65 to 43.65): VD062780.D (-894) (-)

Ion 57.95 (57.65 to 58.65): VD062780.D (-894) (-)

10.30

Time-->





#52

Toluene

Concen: 4.534 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.01 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

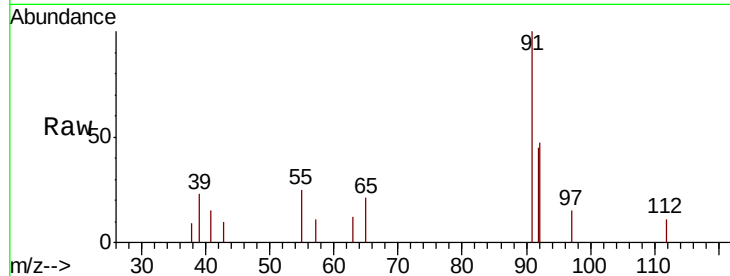
PX-3 070919

Tot Ion: 92 Resp: 5437

Ion Ratio Lower Upper

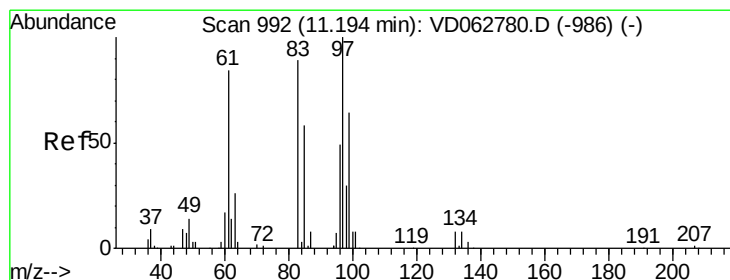
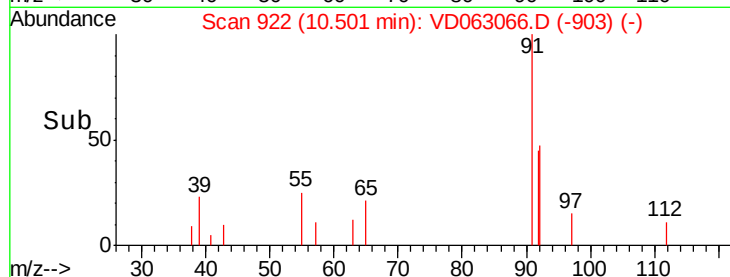
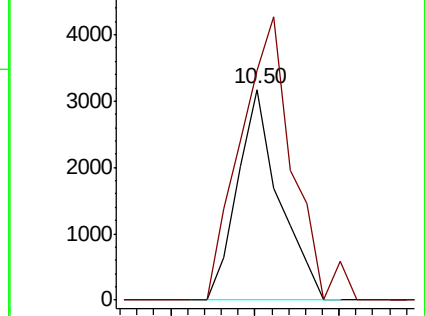
92 100

91 108.8 136.3 204.5#



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#55

1,1,2-Trichloroethane

Concen: 3.172 ug/l

RT: 11.24 min Scan# 997

Delta R.T. 0.05 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

Tgt Ion: 97 Resp: 1307

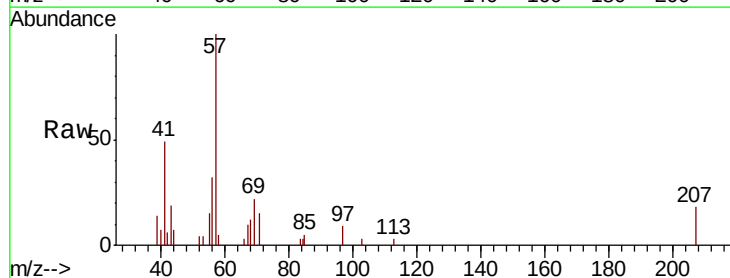
Ion Ratio Lower Upper

97 100

83 39.7 71.0 106.4#

85 56.9 46.6 69.8

99 0.0 51.4 77.0#

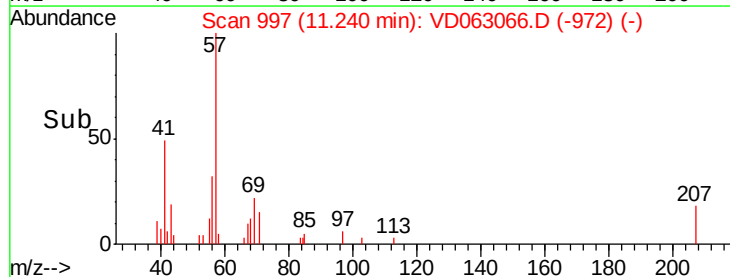
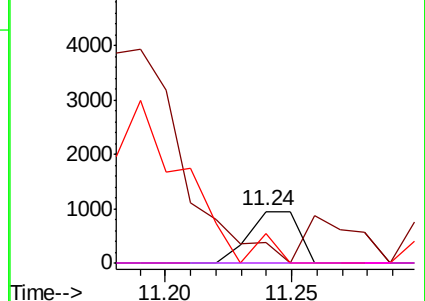


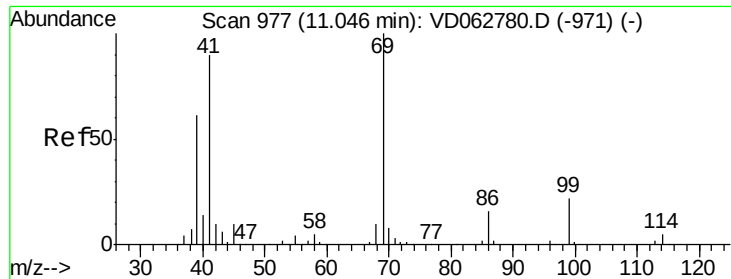
Abundance Ion 96.85 (96.55 to 97.55): VDC

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: 21.434 ug/l

RT: 11.09 min Scan# 982

Delta R.T. 0.05 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

PX-3 070919

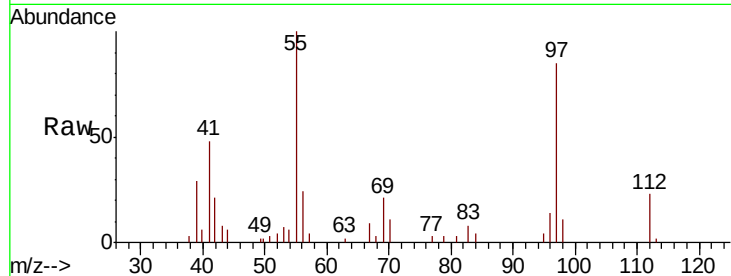
Tot Ion: 69 Resp: 9438

Ion Ratio Lower Upper

69 100

41 226.7 72.0 108.0#

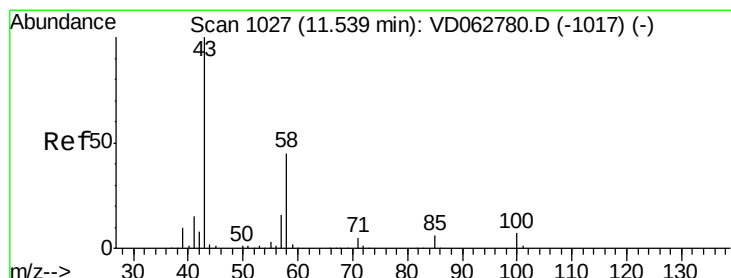
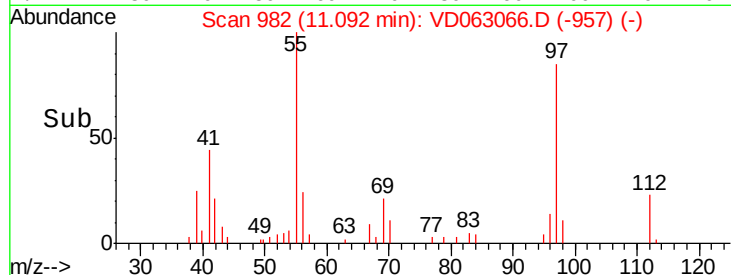
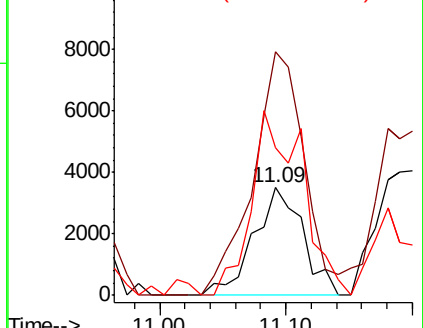
39 137.4 49.5 74.3#



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



#59

2-Hexanone

Concen: 662.851 ug/l

RT: 11.49 min Scan# 1022

Delta R.T. -0.05 min

Lab File: VD063066.D

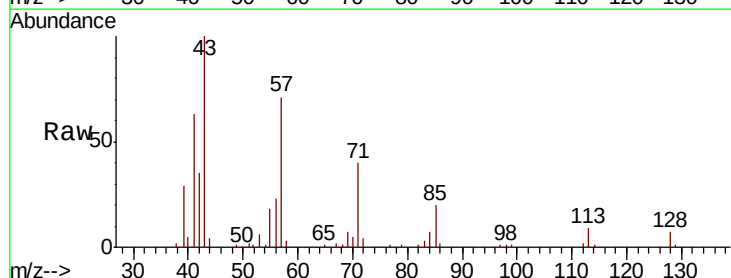
Acq: 10 Jul 2019 18:59

Tgt Ion: 43 Resp: 155959

Ion Ratio Lower Upper

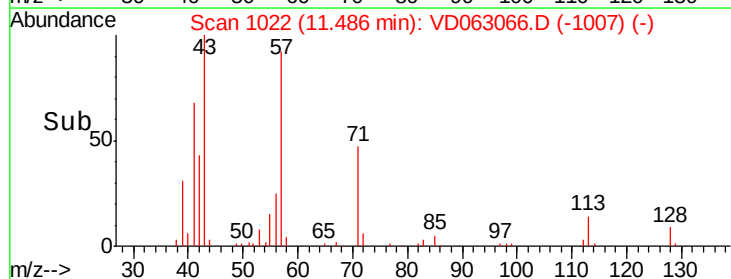
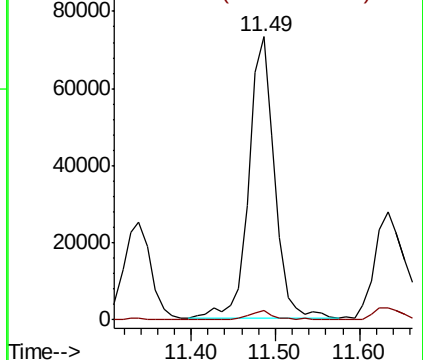
43 100

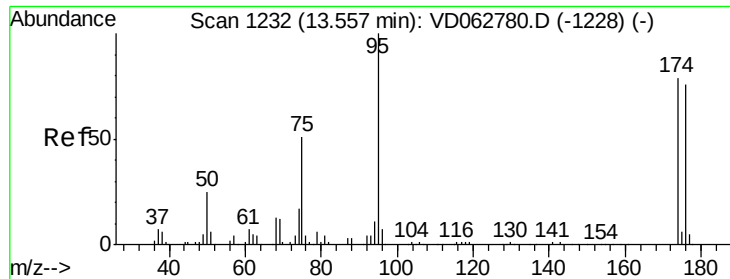
58 3.2 22.4 67.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

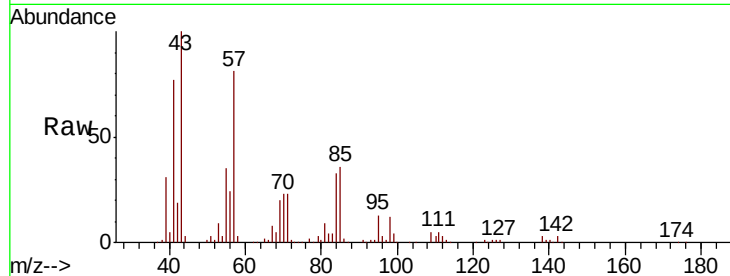




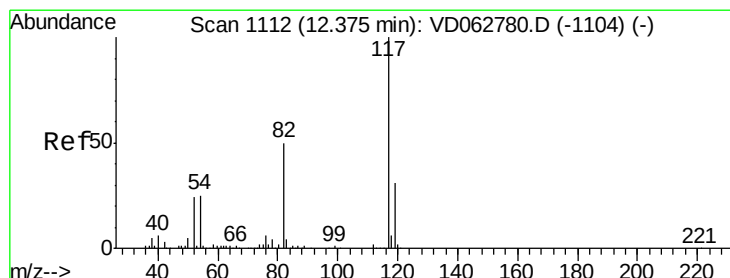
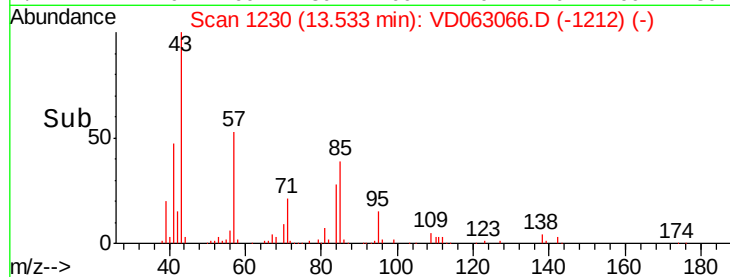
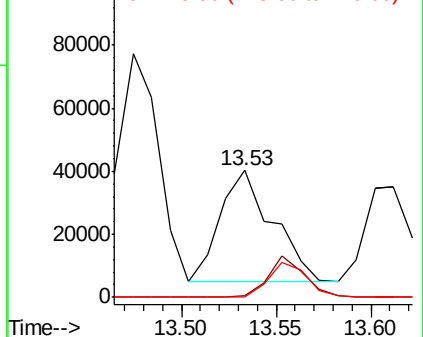
#62
4-Bromofluorobenzene
Concen: 86.716 ug/l
RT: 13.53 min Scan# 1230
Delta R.T. -0.02 min
Lab File: VD063066.D
Acq: 10 Jul 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
PX-3_070919

Tot Ion: 95 Resp: 67941
Ion Ratio Lower Upper
95 100
174 1.2 0.0 158.0
176 0.8 0.0 151.6

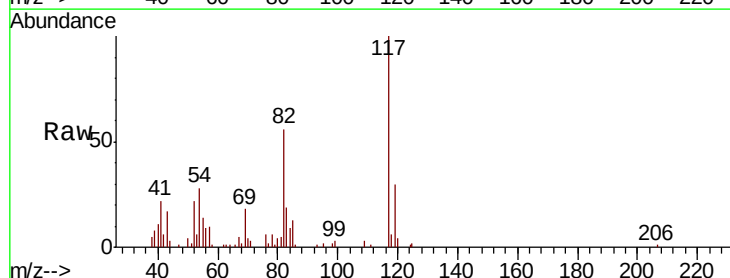


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

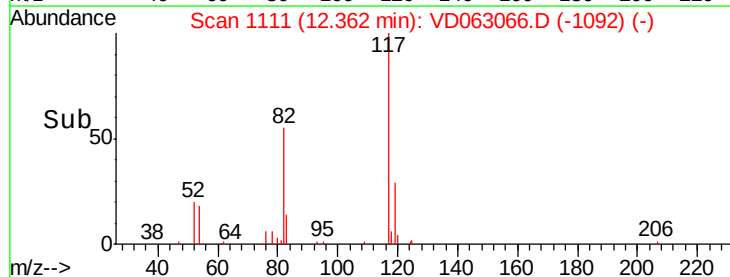
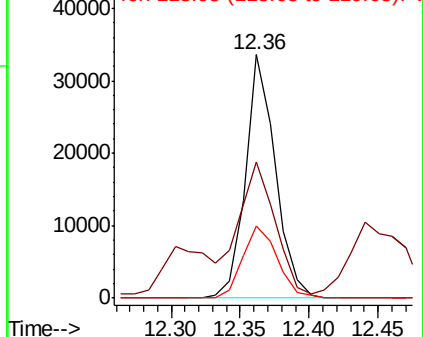


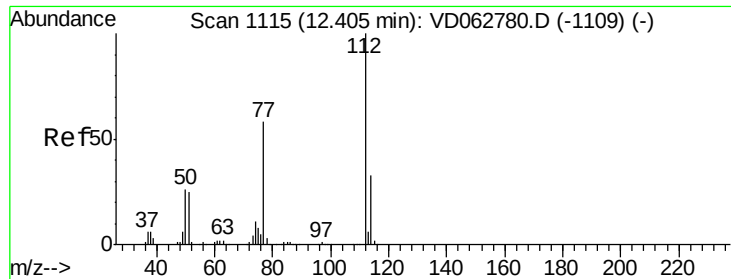
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063066.D
Acq: 10 Jul 2019 18:59

Tgt Ion: 117 Resp: 50769
Ion Ratio Lower Upper
117 100
82 55.8 40.4 60.6
119 29.8 25.2 37.8



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

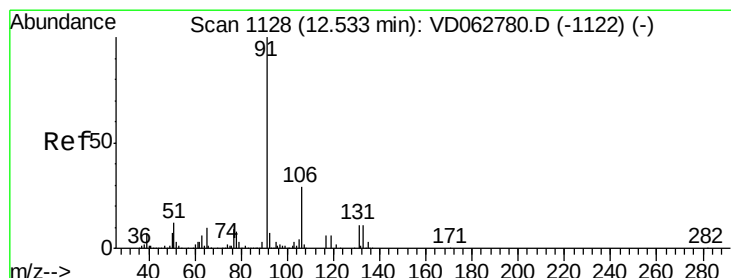
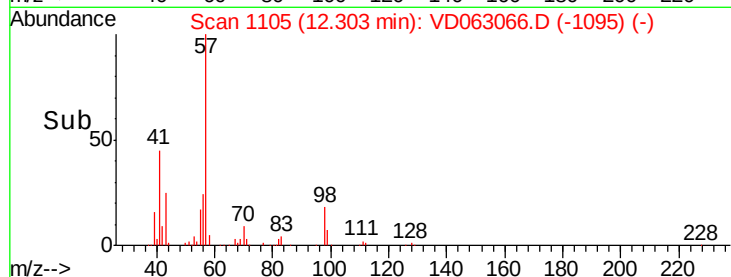
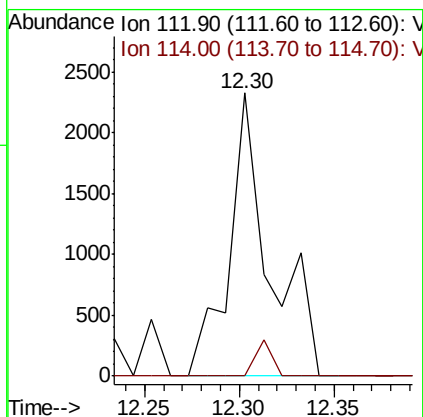
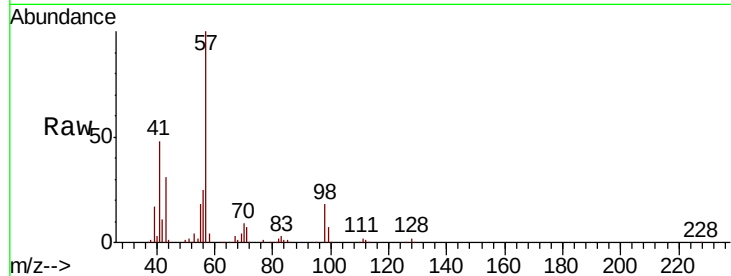




#65
Chlorobenzene
Concen: 3.651 ug/l
RT: 12.30 min Scan# 1105
Delta R.T. -0.10 min
Lab File: VD063066.D
Acq: 10 Jul 2019 18:59

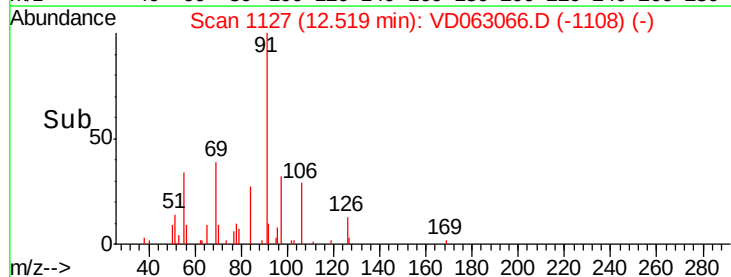
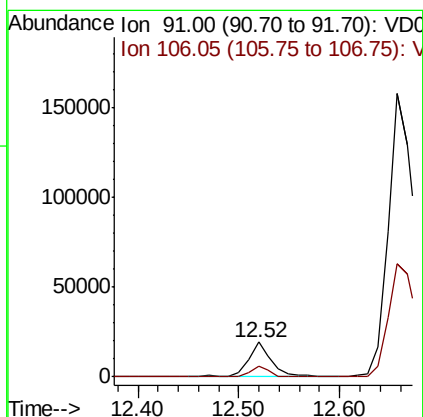
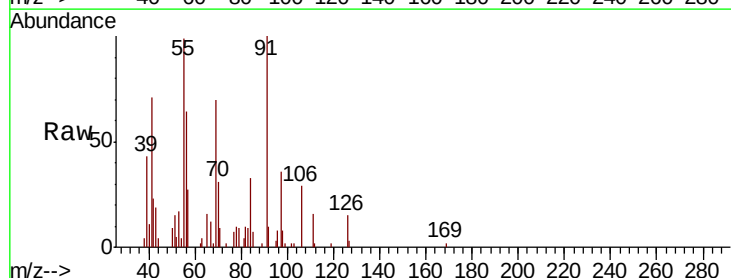
Instrument :
MSVOA_D
ClientSampleId :
PX-3_070919

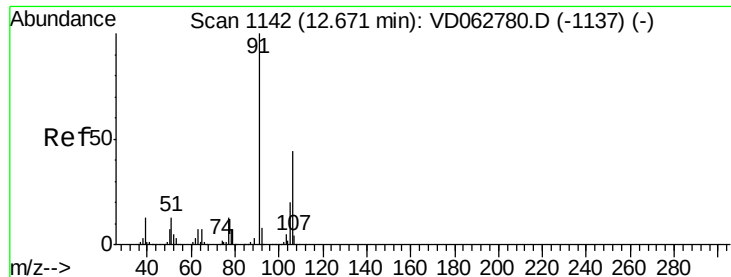
Tot Ion:112 Resp: 3440
Ion Ratio Lower Upper
112 100
114 0.0 26.3 39.5#



#67
Ethyl Benzene
Concen: 18.663 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VD063066.D
Acq: 10 Jul 2019 18:59

Tgt Ion: 91 Resp: 31571
Ion Ratio Lower Upper
91 100
106 29.3 23.1 34.7

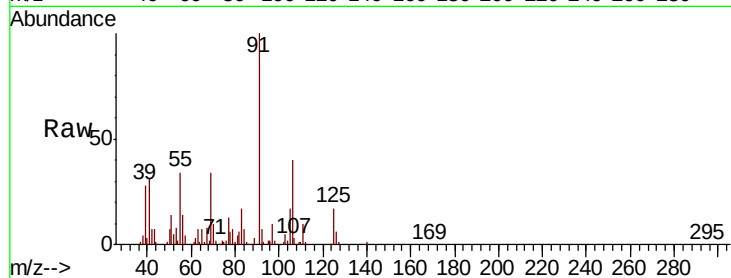




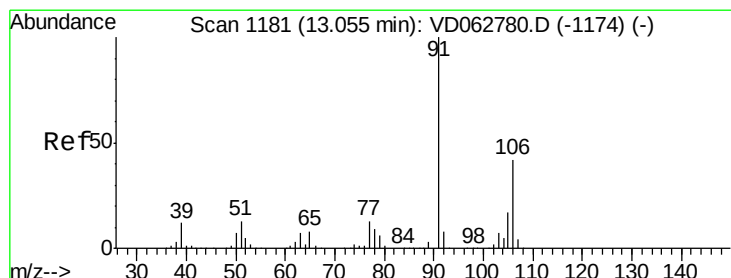
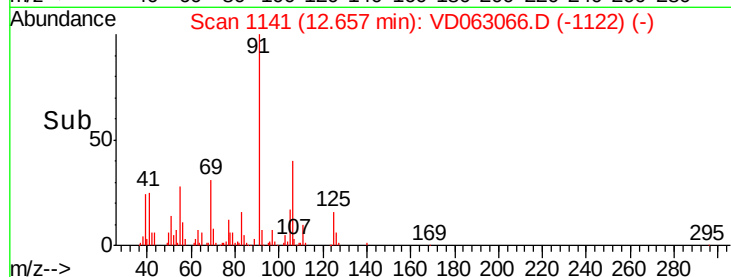
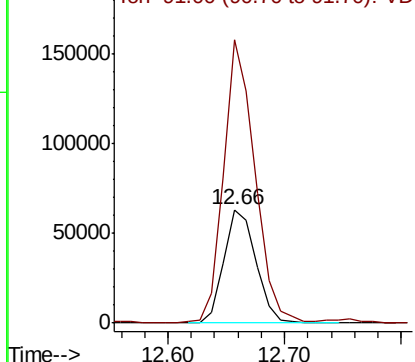
#68
m/p-Xylenes
Concen: 204.667 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VD063066.D
Acq: 10 Jul 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
PX-3_070919

Tot Ion:106 Resp: 120587
Ion Ratio Lower Upper
106 100
91 249.3 183.0 274.6

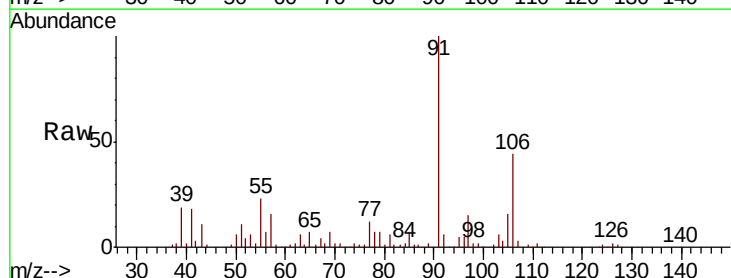


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

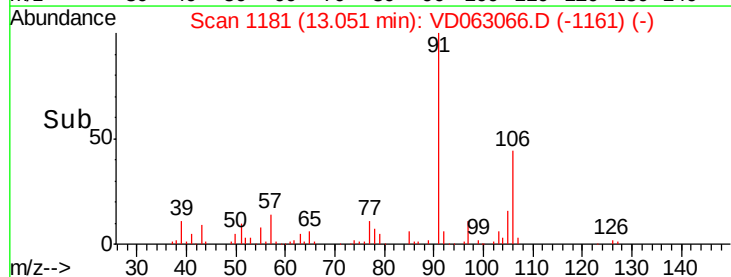
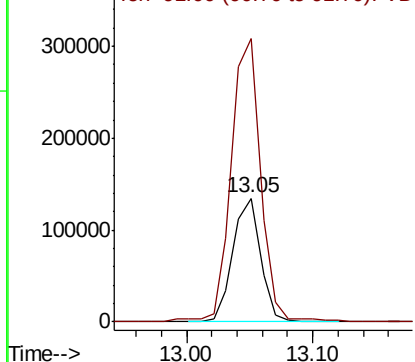


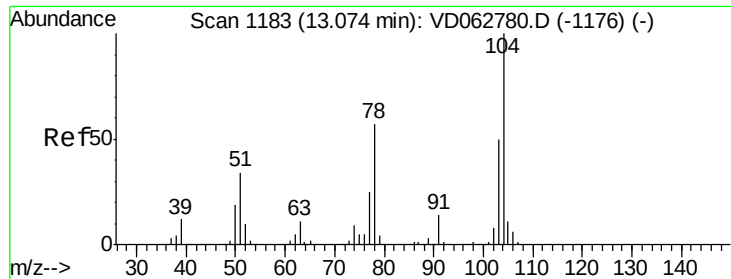
#69
o-Xylene
Concen: 377.476 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD063066.D
Acq: 10 Jul 2019 18:59

Tgt Ion:106 Resp: 203310
Ion Ratio Lower Upper
106 100
91 229.0 117.9 353.6



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

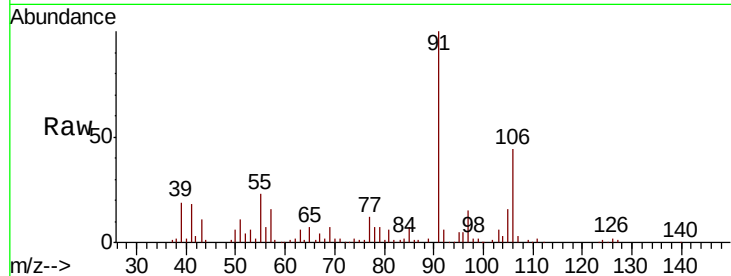




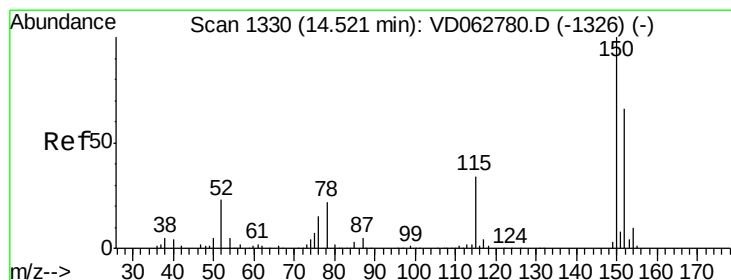
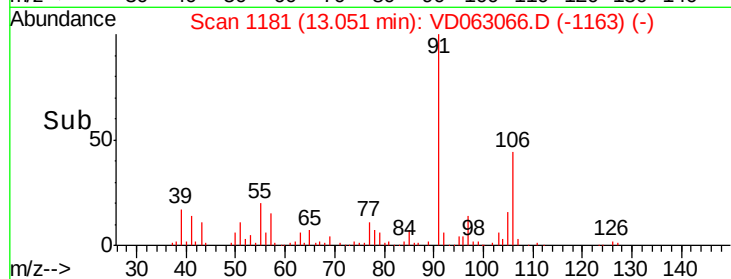
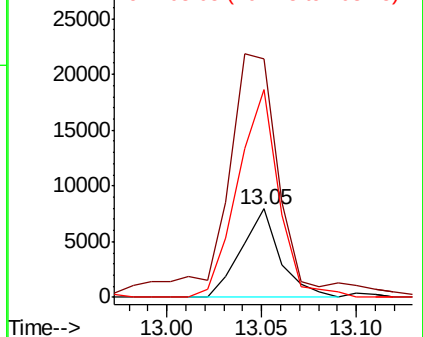
#70
Stvrene
Concen: 11.978 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.02 min
Lab File: VD063066.D
Acq: 10 Jul 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
PX-3_070919

Tot Ion:104 Resp: 11332
Ion Ratio Lower Upper
104 100
78 270.4 45.4 68.2#
103 236.2 39.7 59.5#

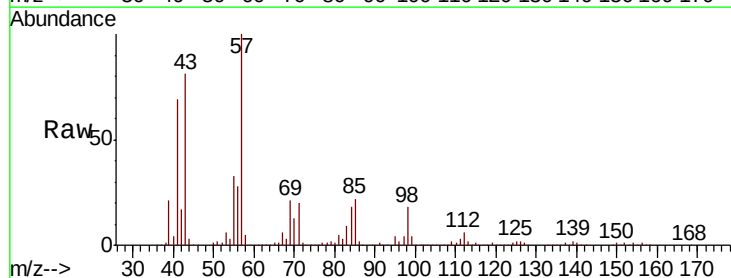


Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V

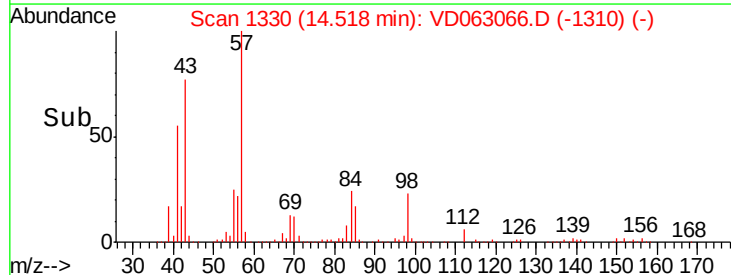
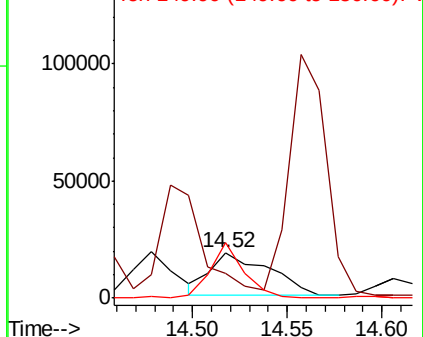


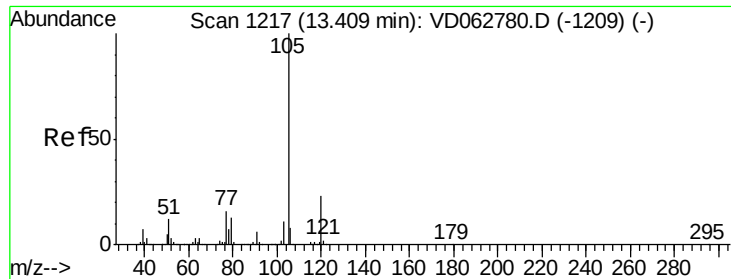
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063066.D
Acq: 10 Jul 2019 18:59

Tgt Ion:152 Resp: 39281
Ion Ratio Lower Upper
152 100
115 55.2 29.2 87.6
150 121.0 0.0 305.8



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: 26.056 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

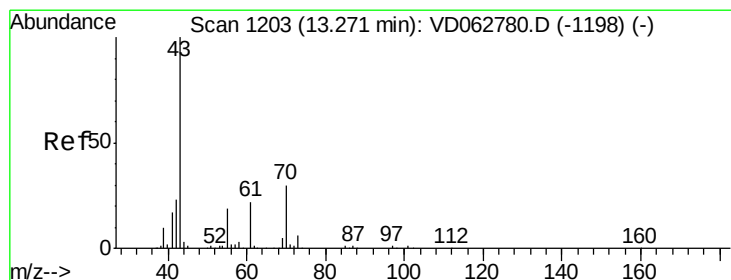
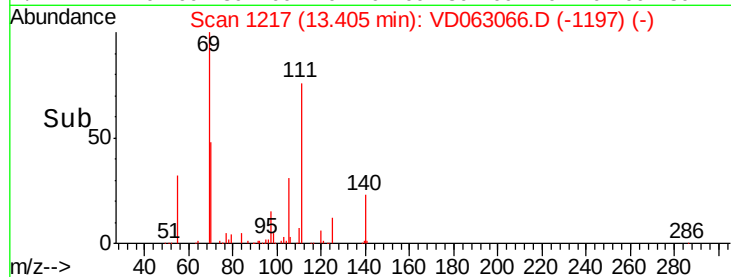
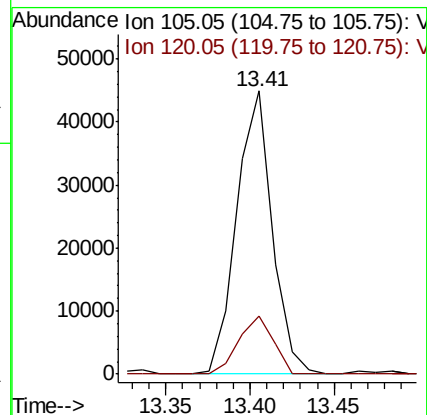
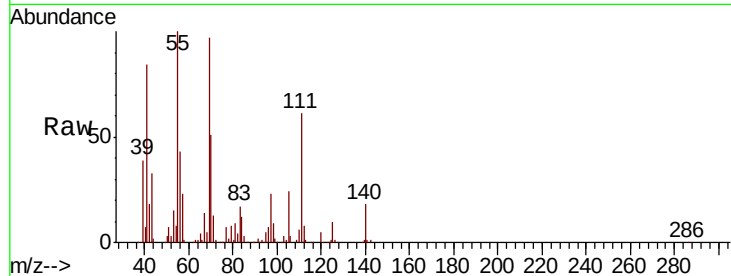
PX-3 070919

Tot Ion:105 Resp: 65625

Ion Ratio Lower Upper

105 100

120 20.3 11.6 34.7



#74

N-ethyl acetate

Concen: 1194.246 ug/l

RT: 13.22 min Scan# 1198

Delta R.T. -0.05 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

Tgt Ion: 43 Resp: 730451

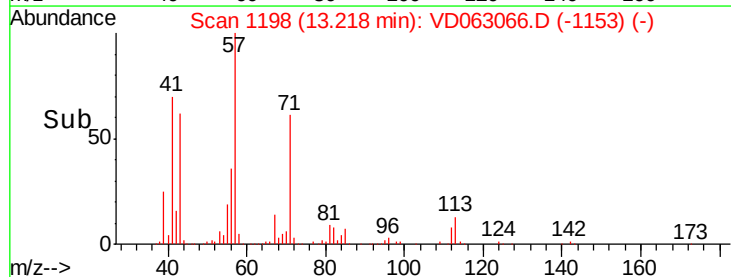
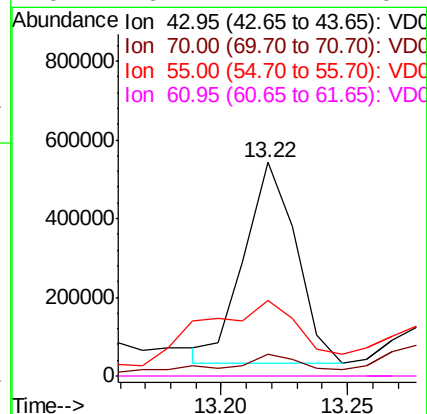
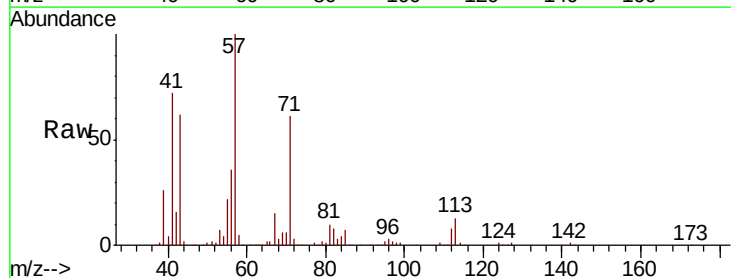
Ion Ratio Lower Upper

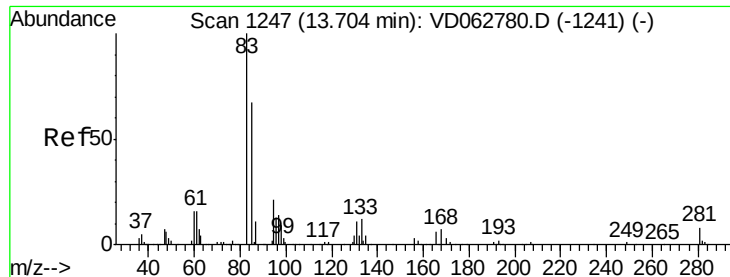
43 100

70 10.4 24.4 36.6#

55 35.2 15.2 22.8#

61 0.1 17.4 26.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 594.200 ug/l

RT: 13.71 min Scan# 1248

Delta R.T. 0.01 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

PX-3 070919

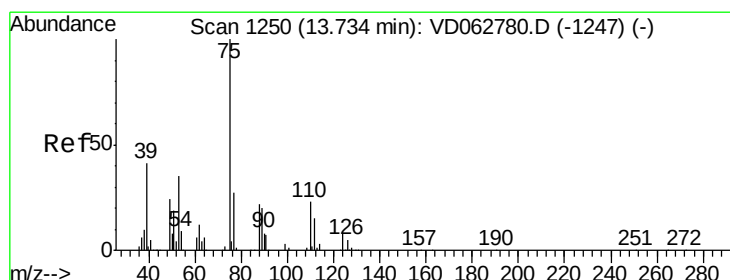
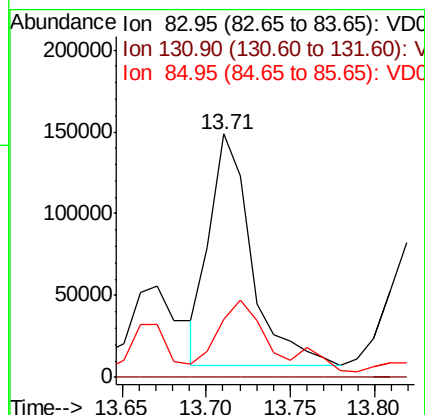
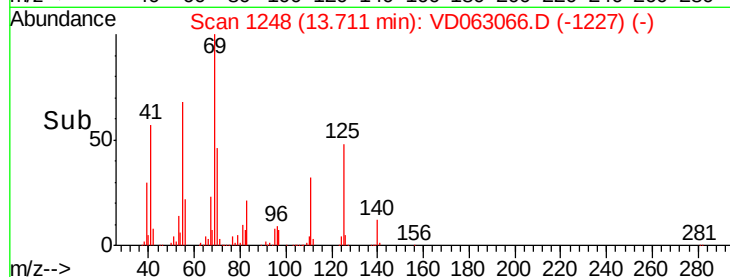
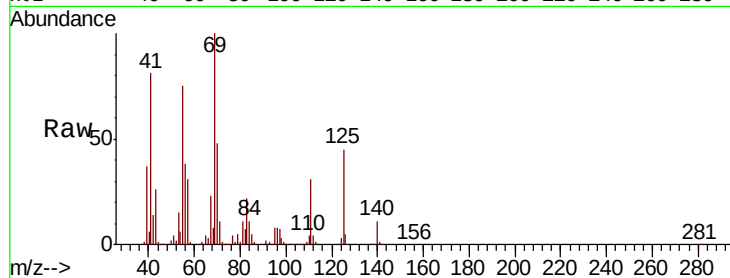
Tot Ion: 83 Resp: 243841

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 23.9 33.7 101.1#



#76

1,2,3-Trichloropropane

Concen: 4.485 ug/l

RT: 13.71 min Scan# 1248

Delta R.T. -0.02 min

Lab File: VD063066.D

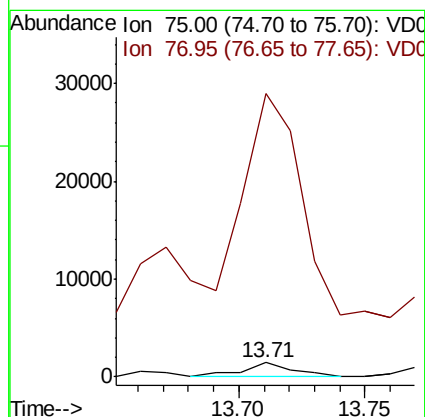
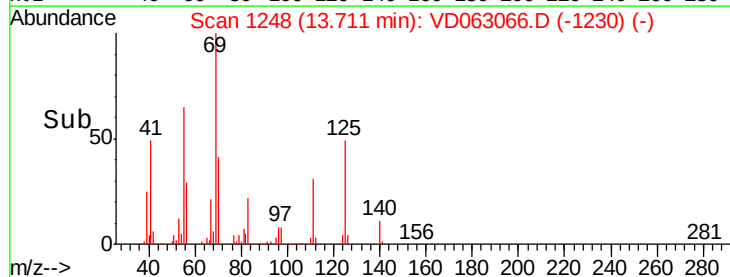
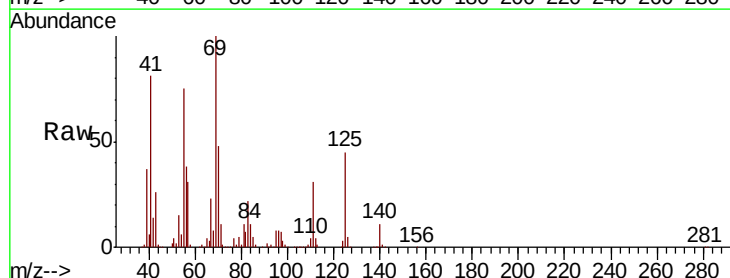
Acq: 10 Jul 2019 18:59

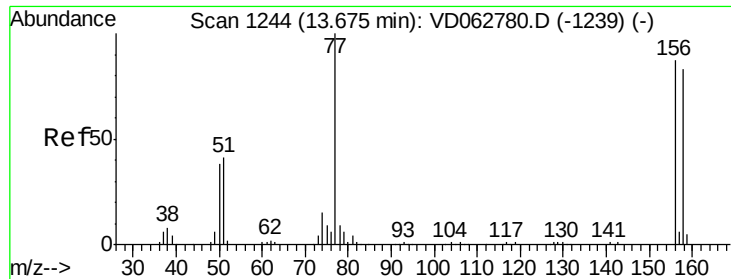
Tgt Ion: 75 Resp: 2034

Ion Ratio Lower Upper

75 100

77 1959.6 15.0 45.1#





#77

Bromobenzene

Concen: 1.213 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

PX-3 070919

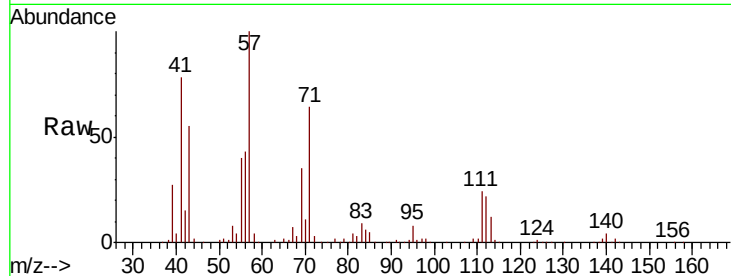
Tot Ion:156 Resp: 822

Ion Ratio Lower Upper

156 100

77 2077.0 57.7 173.1#

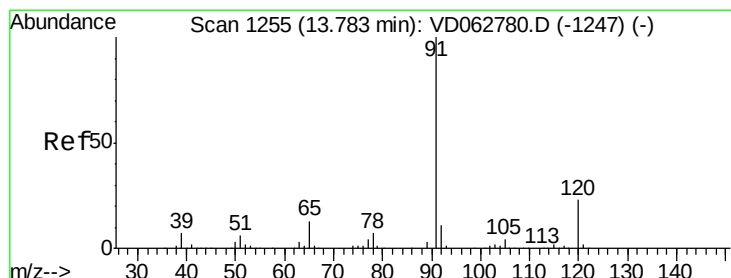
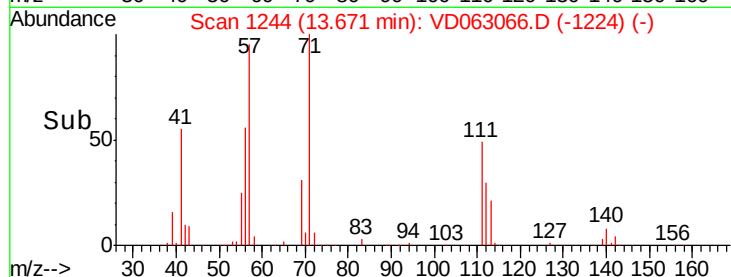
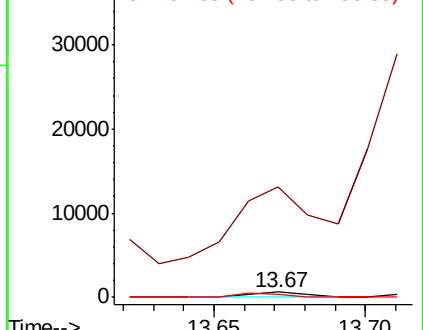
158 54.2 47.7 143.1



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: 29.415 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.01 min

Lab File: VD063066.D

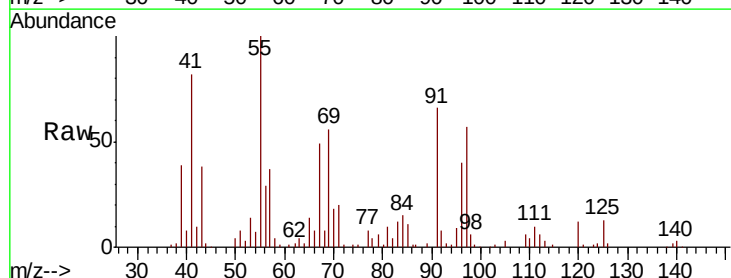
Acq: 10 Jul 2019 18:59

Tgt Ion: 91 Resp: 86228

Ion Ratio Lower Upper

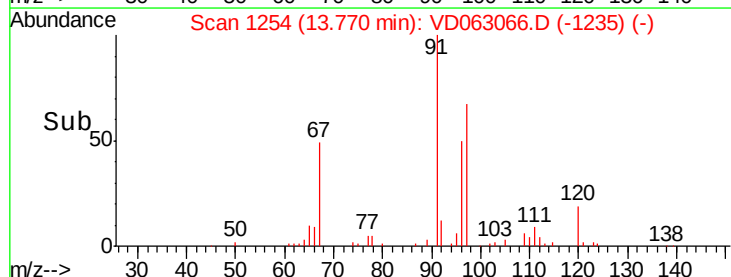
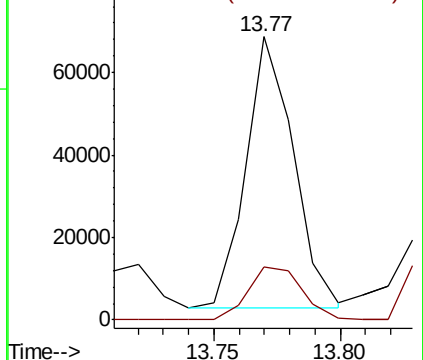
91 100

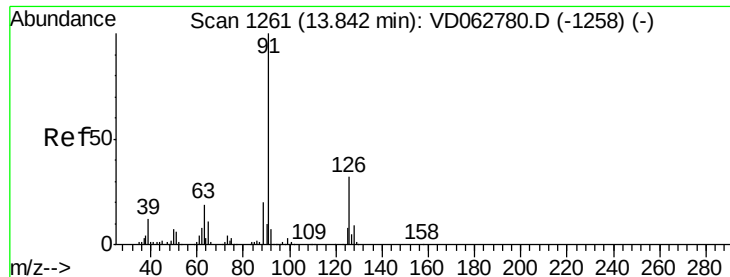
120 18.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

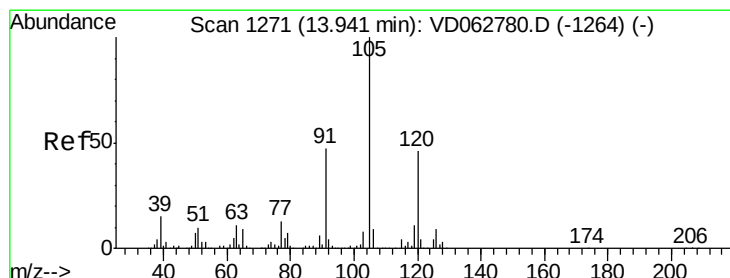
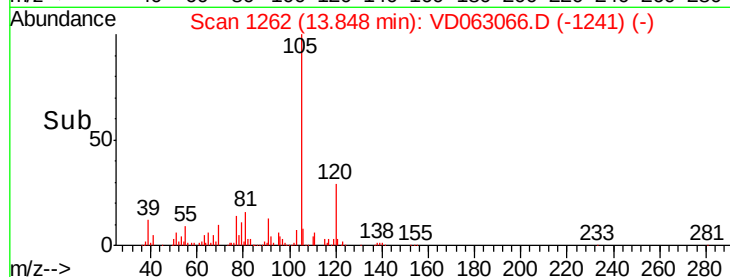
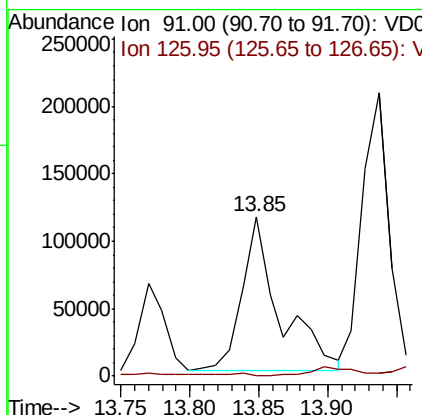
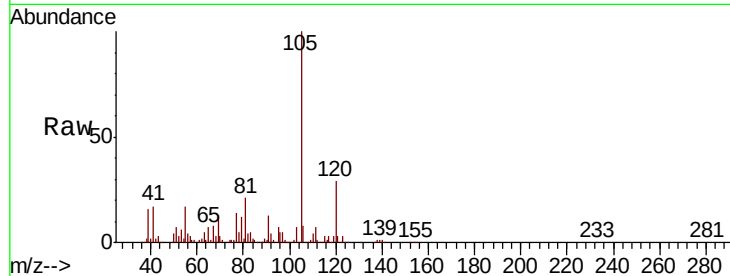




#79
 2-Chlorotoluene
 Concen: 130.750 ug/l
 RT: 13.85 min Scan# 1262
 Delta R.T. 0.01 min
 Lab File: VD063066.D
 Acq: 10 Jul 2019 18:59

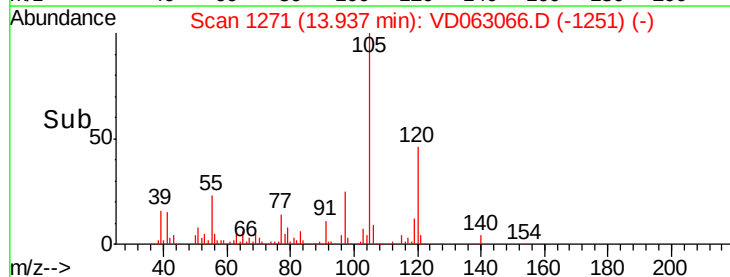
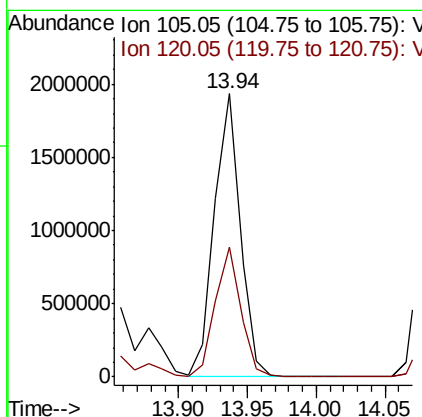
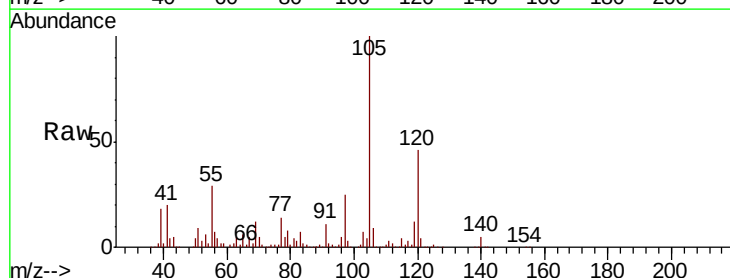
Instrument :
 MSVOA_D
 ClientSampleId :
 PX-3_070919

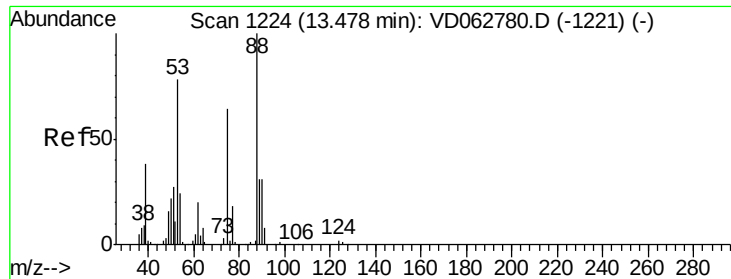
Tot Ion: 91 Resp: 219041
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.7 47.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 1191.250 ug/l
 RT: 13.94 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VD063066.D
 Acq: 10 Jul 2019 18:59

Tgt Ion: 105 Resp: 2520150
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.1 69.2





#81

trans-1,4-Dichloro-2-butene

Concen: 9.213 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. -0.07 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

PX-3 070919

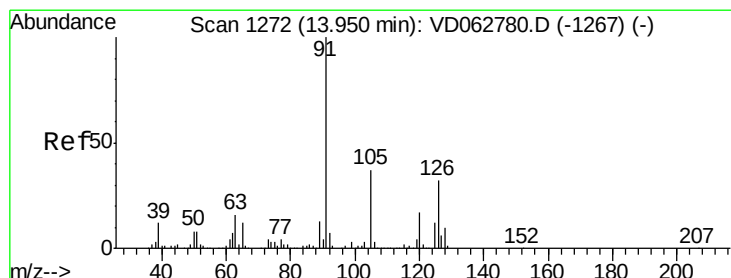
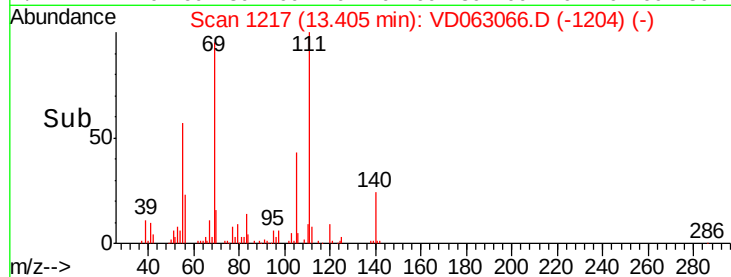
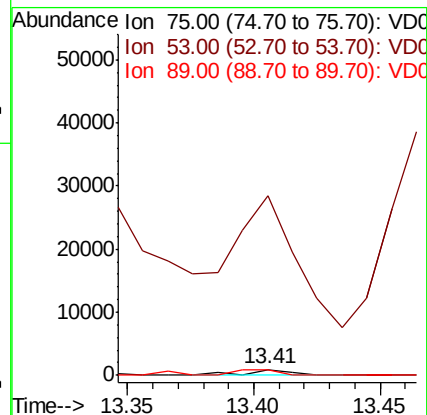
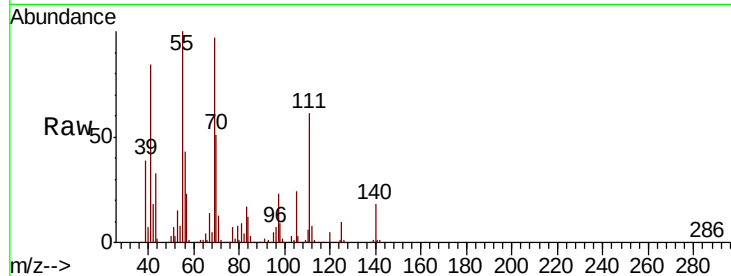
Tot Ion: 75 Resp: 1095

Ion Ratio Lower Upper

75 100

53 3083.2 97.8 146.8#

89 104.4 39.4 59.2#



#82

4-Chlorotoluene

Concen: 141.833 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VD063066.D

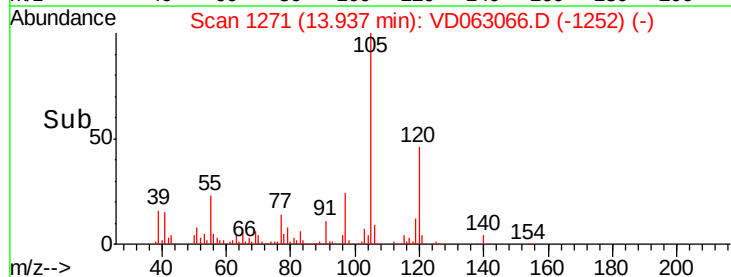
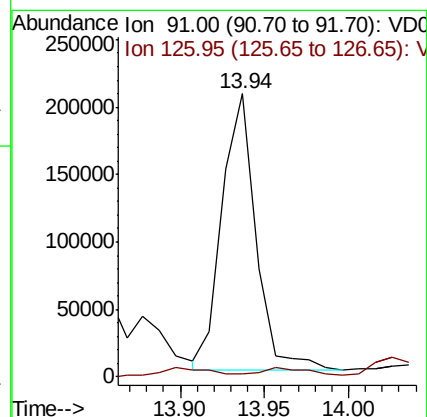
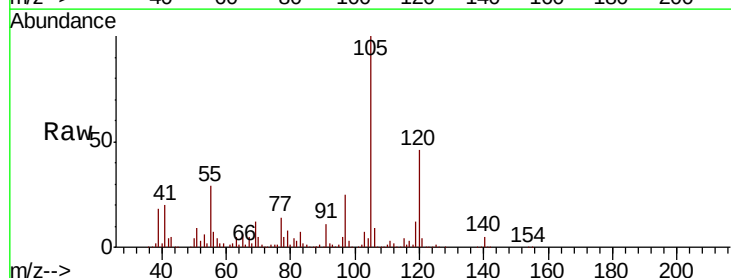
Acq: 10 Jul 2019 18:59

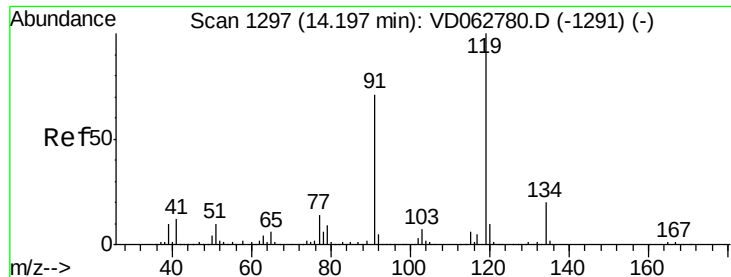
Tgt Ion: 91 Resp: 286058

Ion Ratio Lower Upper

91 100

126 1.2 16.0 47.9#





#83

tert-Butylbenzene

Concen: 10.662 ug/l

RT: 14.19 min Scan# 1297

Delta R.T. -0.00 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

PX-3 070919

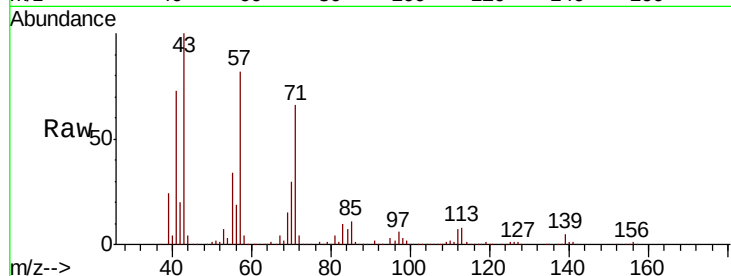
Tot Ion:119 Resp: 25142

Ion Ratio Lower Upper

119 100

91 118.6 35.5 106.5#

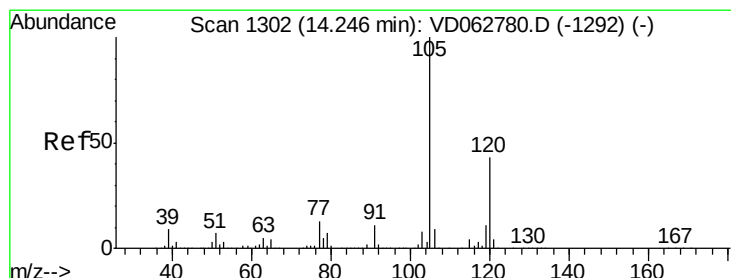
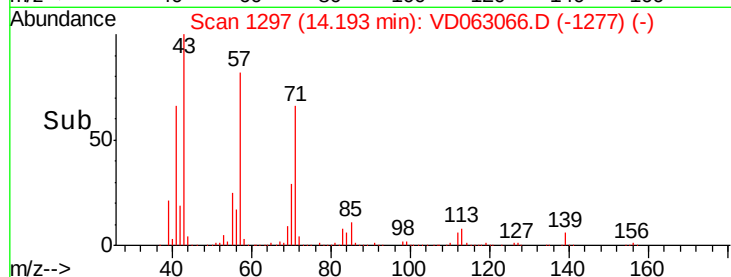
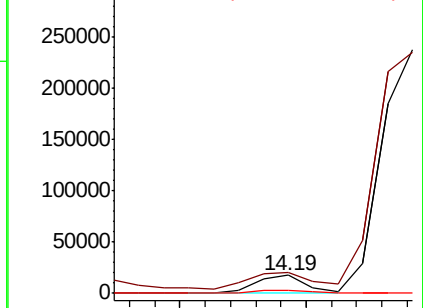
134 19.3 10.2 30.6



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: 1342.591 ug/l

RT: 14.24 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VD063066.D

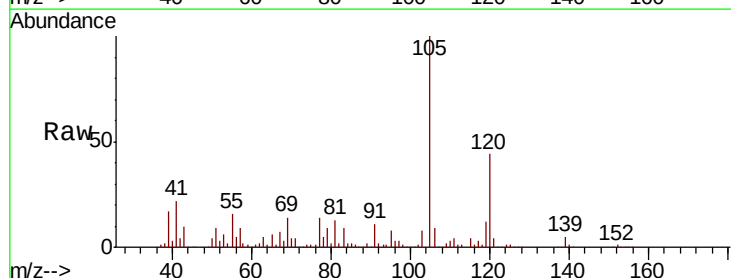
Acq: 10 Jul 2019 18:59

Tgt Ion:105 Resp: 2911201

Ion Ratio Lower Upper

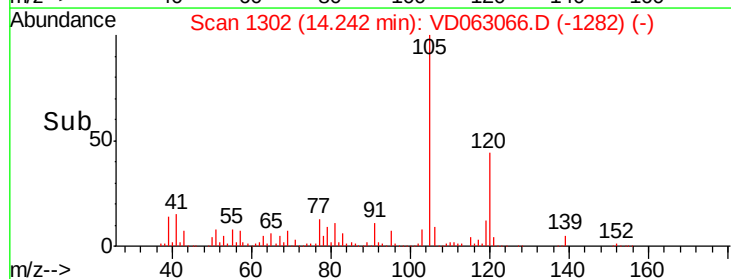
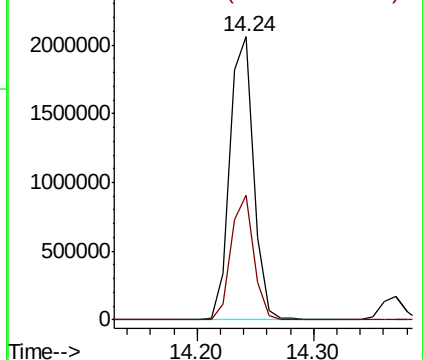
105 100

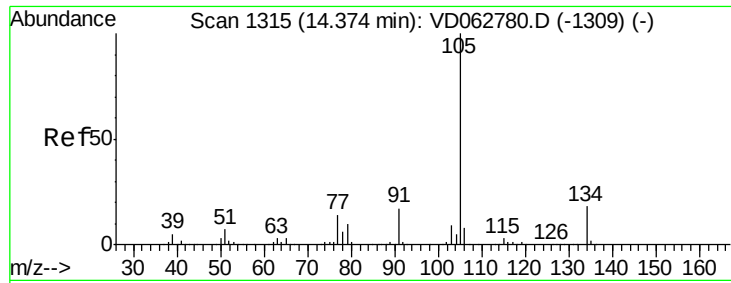
120 44.3 21.3 63.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

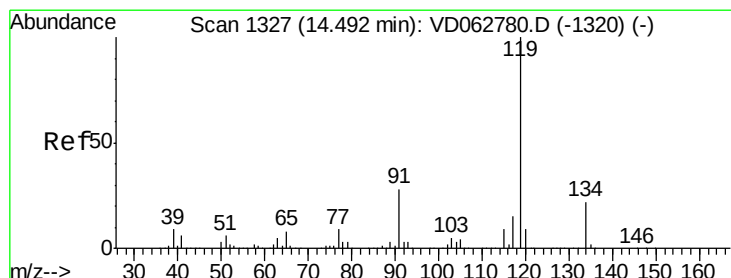
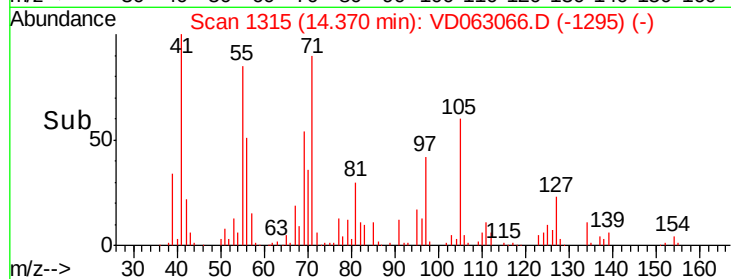
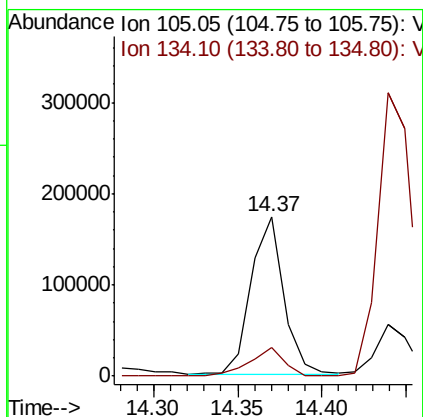
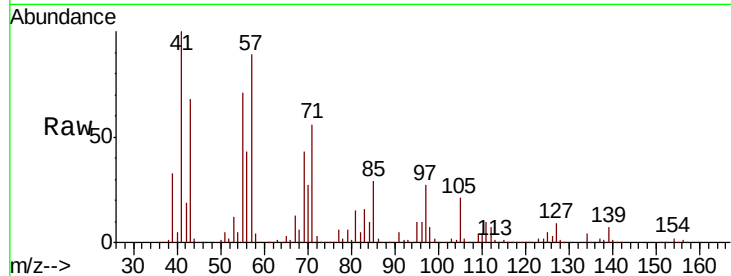




#85
 sec-Butylbenzene
 Concen: 91.074 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VD063066.D
 Acq: 10 Jul 2019 18:59

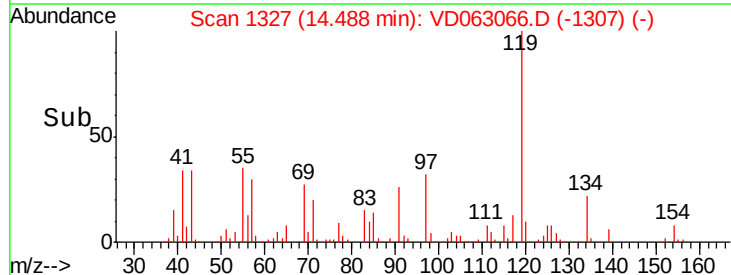
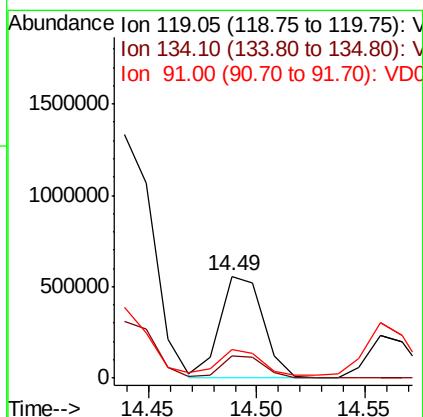
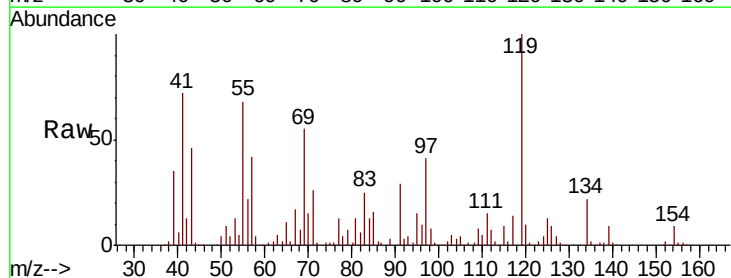
Instrument :
 MSVOA_D
 ClientSampleId :
 PX-3_070919

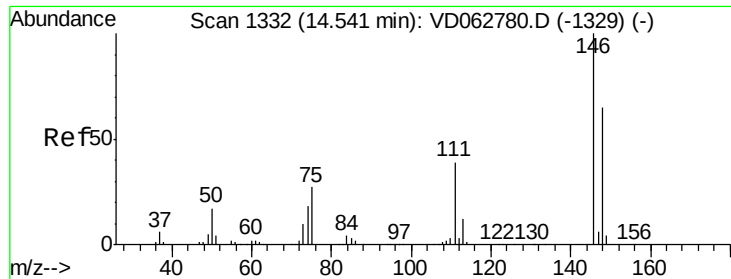
Tot Ion:105 Resp: 233416
 Ion Ratio Lower Upper
 105 100
 134 18.1 9.1 27.3



#86
 p-Isopropyltoluene
 Concen: 327.176 ug/l
 RT: 14.49 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: VD063066.D
 Acq: 10 Jul 2019 18:59

Tgt Ion:119 Resp: 767122
 Ion Ratio Lower Upper
 119 100
 134 21.9 11.1 33.1
 91 28.5 14.0 41.9

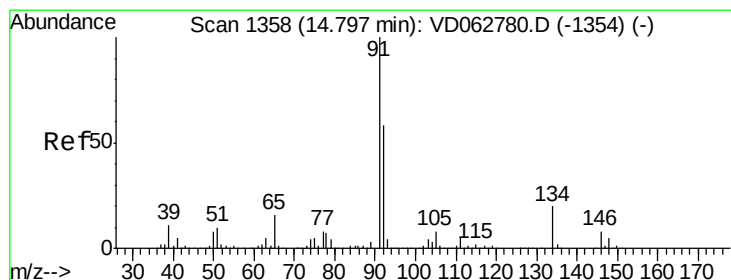
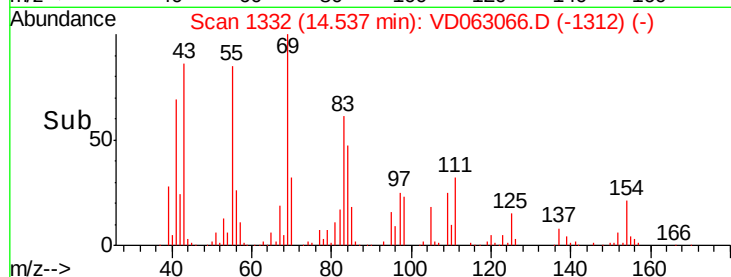
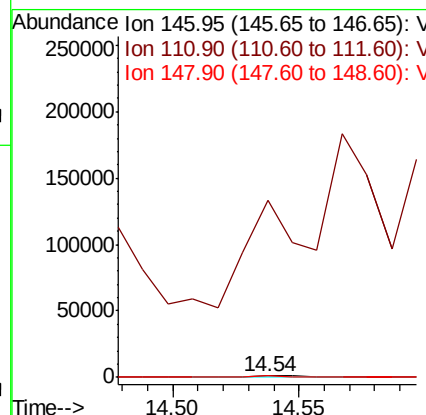
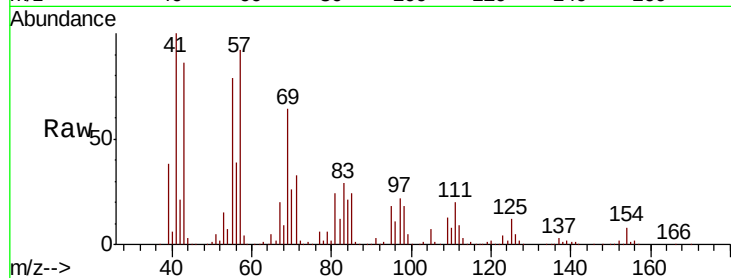




#88
 1,4-Dichlorobenzene
 Concen: 1.390 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: VD063066.D
 Acq: 10 Jul 2019 18:59

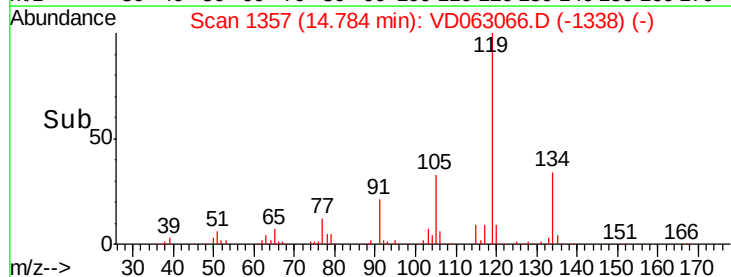
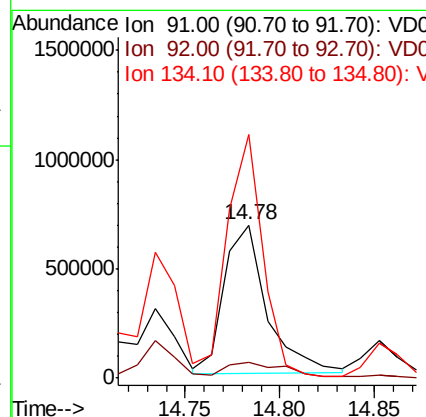
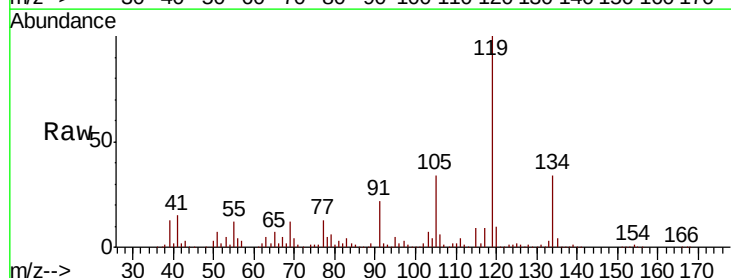
Instrument :
 MSVOA_D
 ClientSampleID :
 PX-3_070919

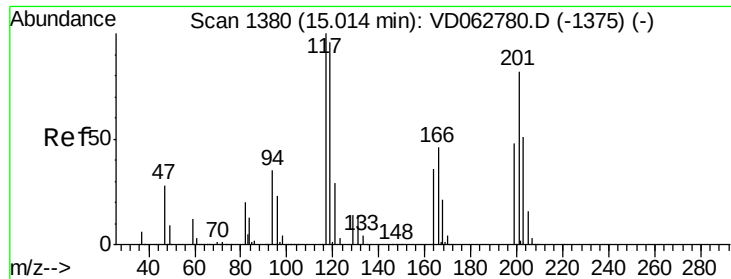
Tot Ion:146 Resp: 1695
 Ion Ratio Lower Upper
 146 100
 111 10759.9 19.7 59.1#
 148 66.9 32.8 98.3



#89
 n-Butylbenzene
 Concen: 484.963 ug/l
 RT: 14.78 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: VD063066.D
 Acq: 10 Jul 2019 18:59

Tgt Ion: 91 Resp: 1064267
 Ion Ratio Lower Upper
 91 100
 92 10.6 28.9 86.7#
 134 159.4 10.1 30.3#





#90

Hexachloroethane

Concen: 725.096 ug/l

RT: 15.01 min Scan# 1380

Delta R.T. -0.00 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

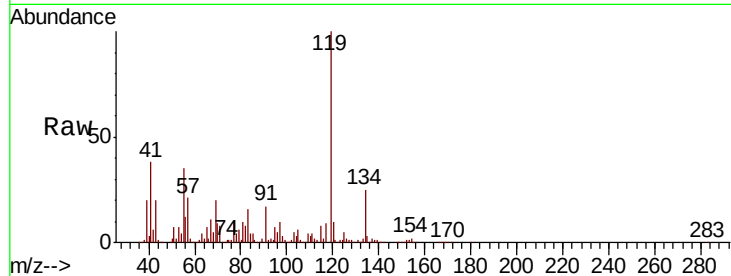
PX-3 070919

Tot Ion:117 Resp: 457111

Ion Ratio Lower Upper

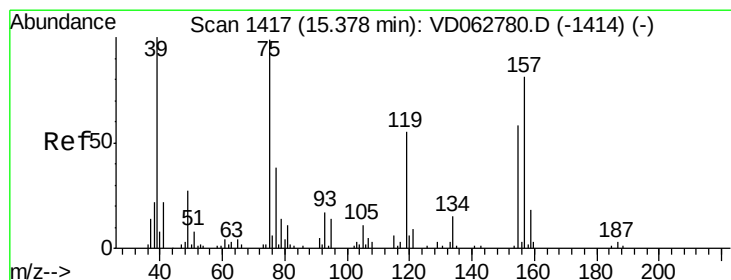
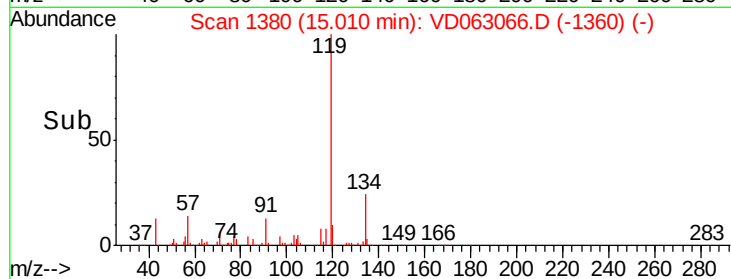
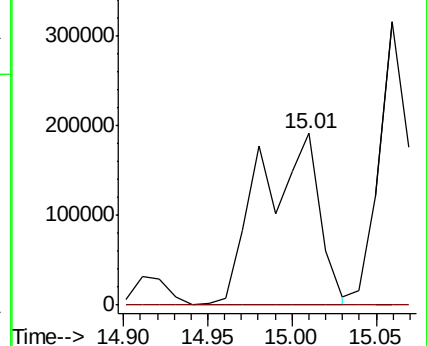
117 100

201 0.0 40.8 122.2#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 674.155 ug/l

RT: 15.38 min Scan# 1418

Delta R.T. 0.01 min

Lab File: VD063066.D

Acq: 10 Jul 2019 18:59

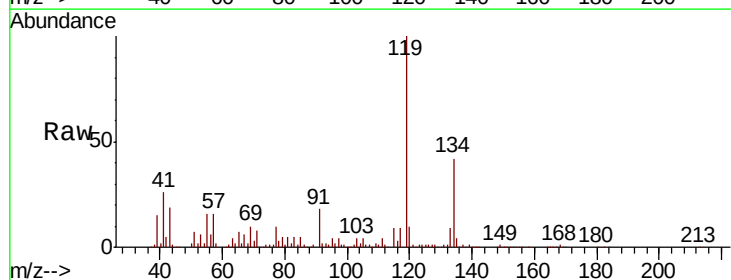
Tgt Ion: 75 Resp: 53997

Ion Ratio Lower Upper

75 100

155 11.4 29.3 87.8#

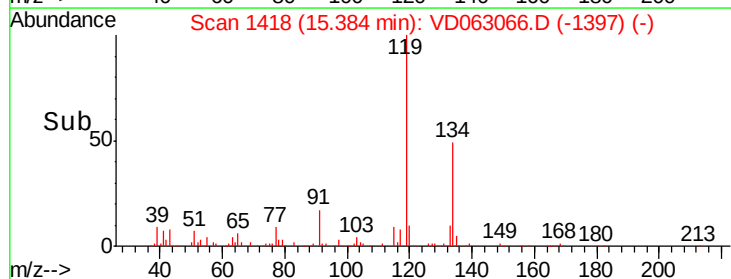
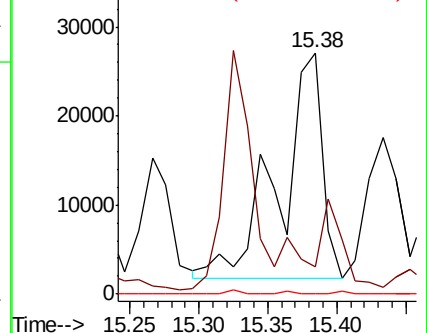
157 0.0 41.3 123.7#

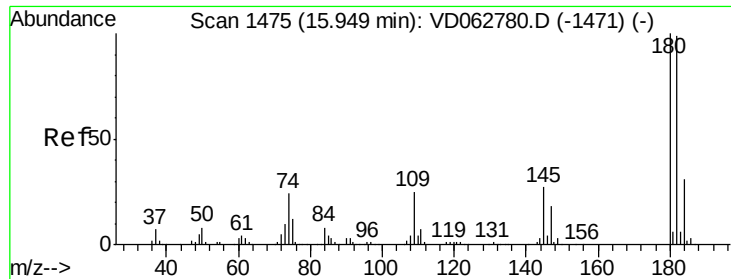


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

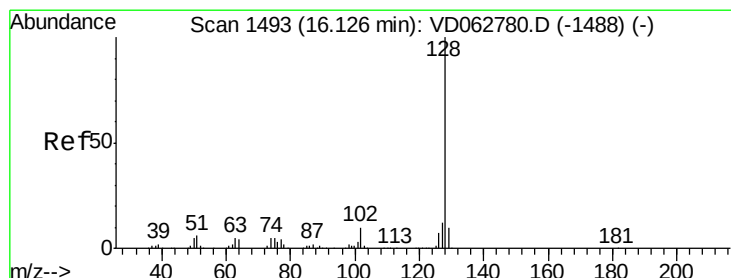
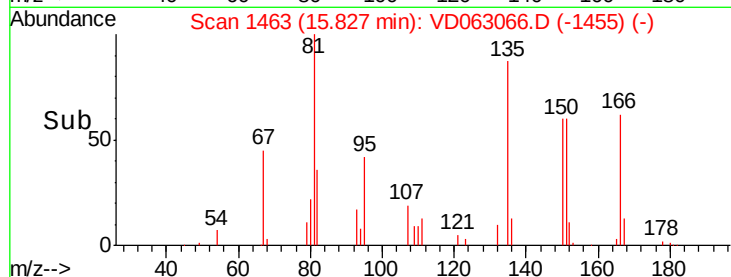
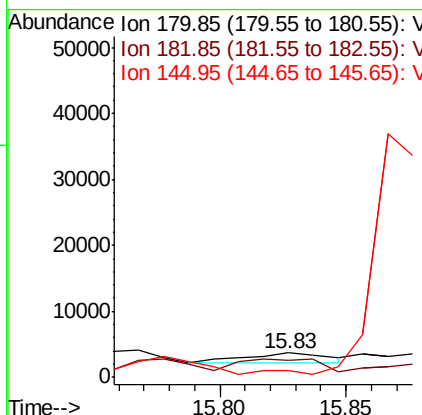
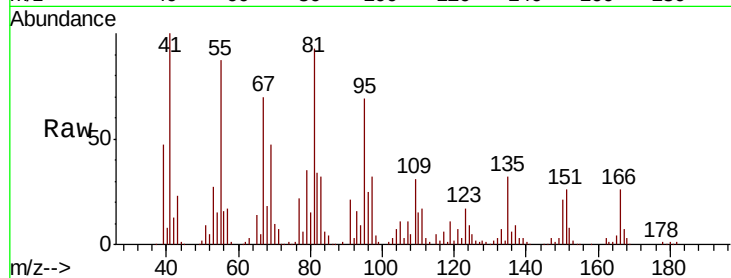




#93
 1,2,4-Trichlorobenzene
 Concen: 4.113 ug/l
 RT: 15.83 min Scan# 1463
 Delta R.T. -0.12 min
 Lab File: VD063066.D
 Acq: 10 Jul 2019 18:59

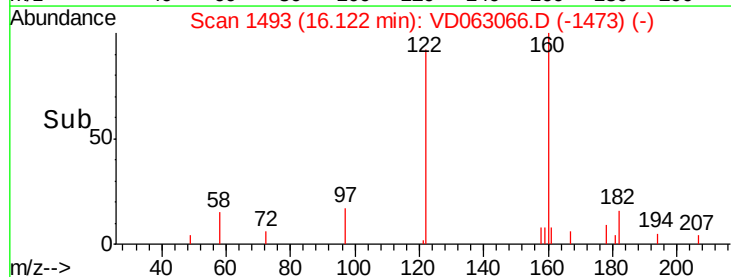
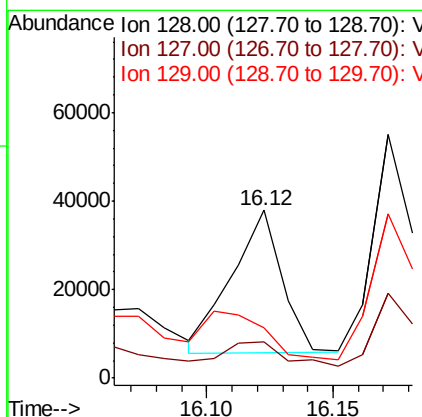
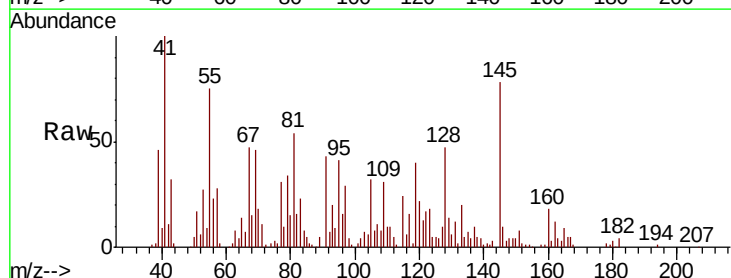
Instrument :
 MSVOA_D
 ClientSampleID :
 PX-3_070919

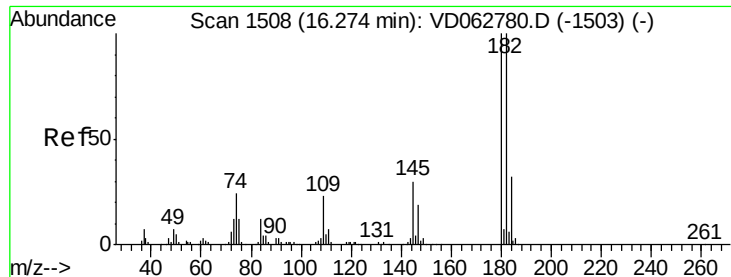
Tot Ion:180 Resp: 3338
 Ion Ratio Lower Upper
 180 100
 182 71.1 49.5 148.5
 145 26.5 13.7 41.0



#95
 Naphthalene
 Concen: 39.147 ug/l
 RT: 16.12 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: VD063066.D
 Acq: 10 Jul 2019 18:59

Tgt Ion:128 Resp: 44532
 Ion Ratio Lower Upper
 128 100
 127 21.9 9.7 14.5#
 129 29.9 8.3 12.5#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.736 ug/l
 RT: 16.29 min Scan# 1510
 Delta R.T. 0.02 min
 Lab File: VD063066.D
 Acq: 10 Jul 2019 18:59

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-3_070919

Tot Ion:180 Resp: 2330
 Ion Ratio Lower Upper
 180 100
 182 13.9 49.9 149.6#
 145 1008.3 15.2 45.5#

