

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD062023.D
 Acq On : 25 Apr 2019 6:20
 Operator : VA/AP
 Sample : K2200-09
 Misc : 6.56g/5ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-042319-B

Quant Time: Apr 25 07:38:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

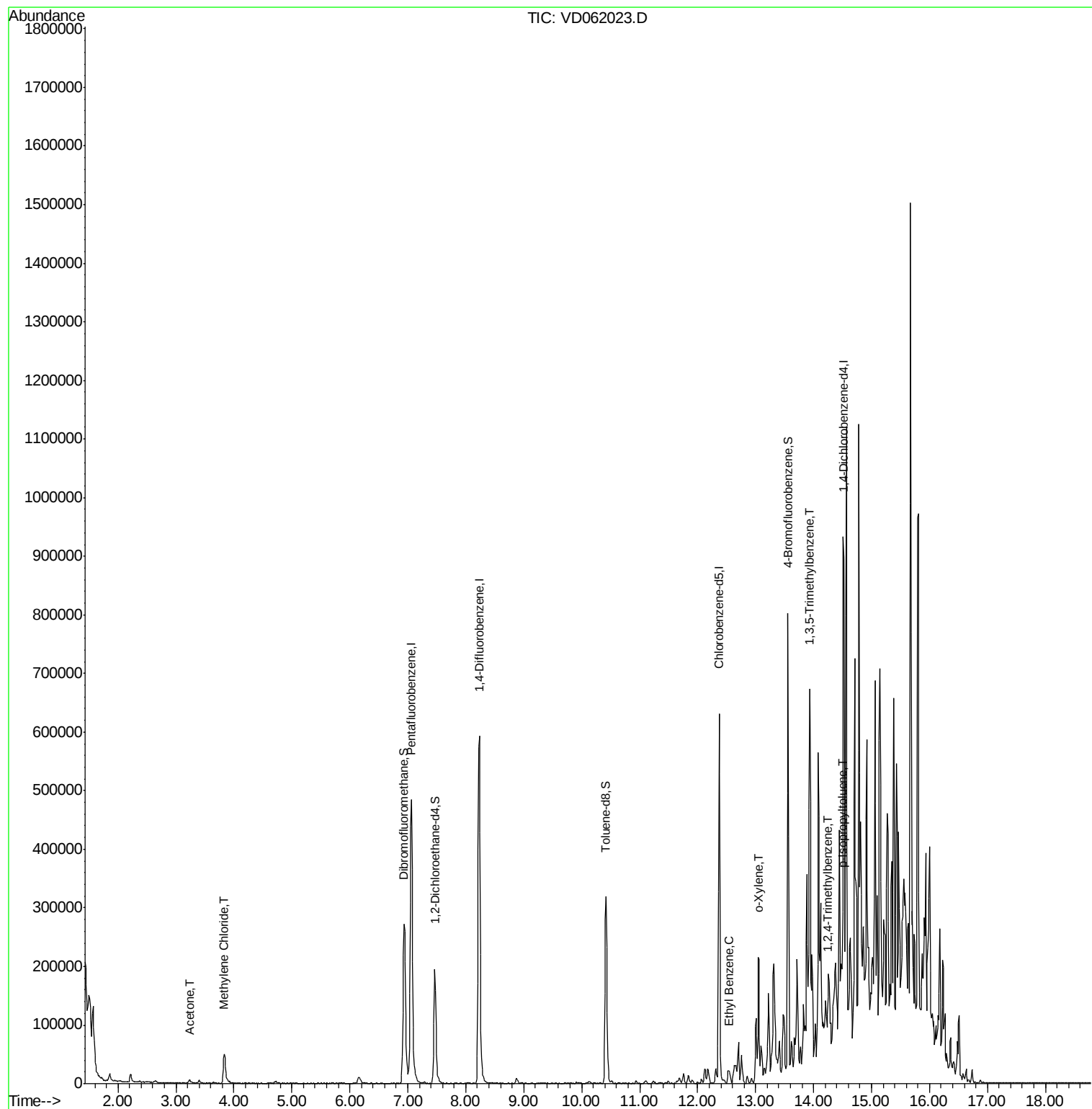
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	473591	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	739135	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	397227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	224413	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	198180	53.47	ug/l	0.01
Spiked Amount	50.000		Recovery	=	106.94%	
35) Dibromofluoromethane	6.93	113	274498	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
50) Toluene-d8	10.42	98	281368	23.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	46.26%	
62) 4-Bromofluorobenzene	13.56	95	236856	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
Target Compounds						
16) Acetone	3.22	43	12929	14.609	ug/l	95
20) Methylene Chloride	3.83	84	38603	6.164	ug/l	96
67) Ethyl Benzene	12.53	91	13553	1.106	ug/l	100
69) o-Xylene	13.06	106	50863	12.554	ug/l	95
80) 1,3,5-Trimethylbenzene	13.93	105	250564	20.991	ug/l	96
84) 1,2,4-Trimethylbenzene	14.24	105	15130	1.327	ug/l	91
86) p-Isopropyltoluene	14.50	119	47823	3.576	ug/l	98

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

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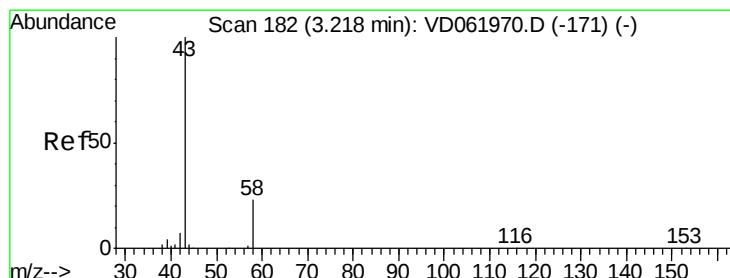
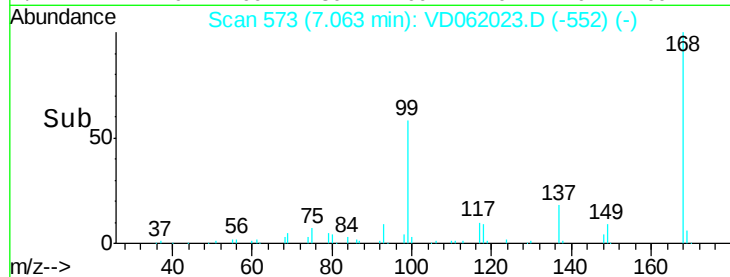
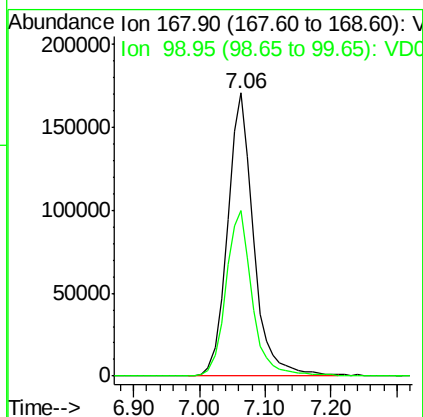
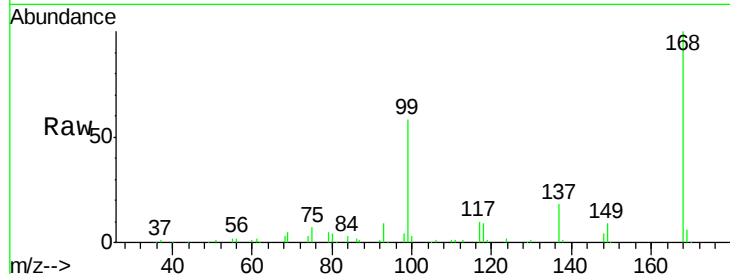




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.01 min
Lab File: VD062023.D
Acq: 25 Apr 2019 6:20

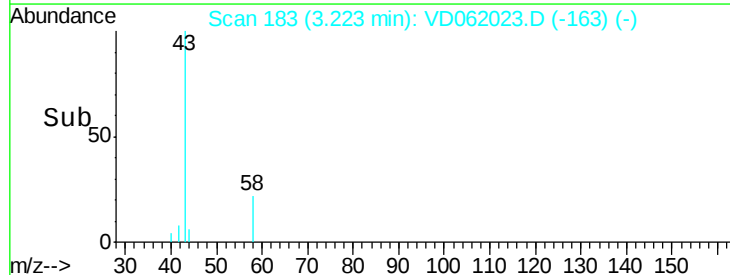
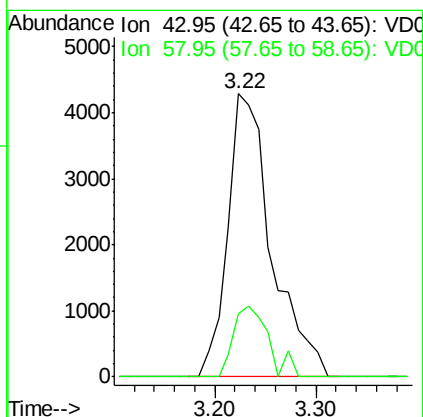
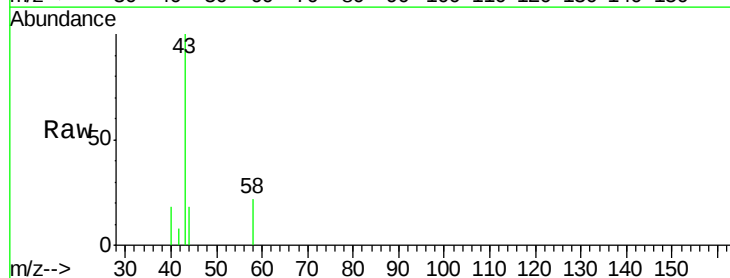
Instrument :
MSVOA_D
ClientSampleId :
EO-02-042319-B

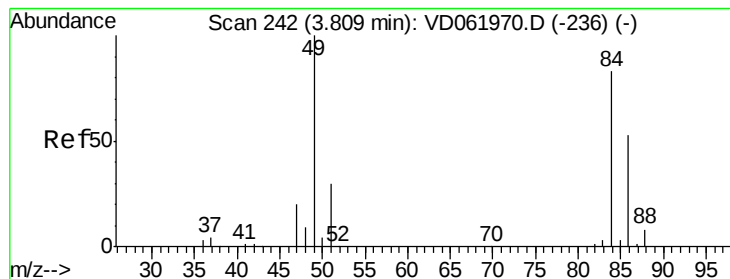
Tot Ion:168 Resp: 473591
Ion Ratio Lower Upper
168 100
99 58.5 46.5 69.7



#16
Acetone
Concen: 14.609 ug/l
RT: 3.22 min Scan# 183
Delta R.T. 0.00 min
Lab File: VD062023.D
Acq: 25 Apr 2019 6:20

Tgt Ion: 43 Resp: 12929
Ion Ratio Lower Upper
43 100
58 22.4 19.9 29.9





#20

Methylene Chloride

Concen: 6.164 ug/l

RT: 3.83 min Scan# 245

Delta R.T. 0.01 min

Lab File: VD062023.D

Acq: 25 Apr 2019 6:20

Instrument :

MSVOA_D

ClientSampleId :

EO-02-042319-B

Tot Ion: 84 Resp: 38603

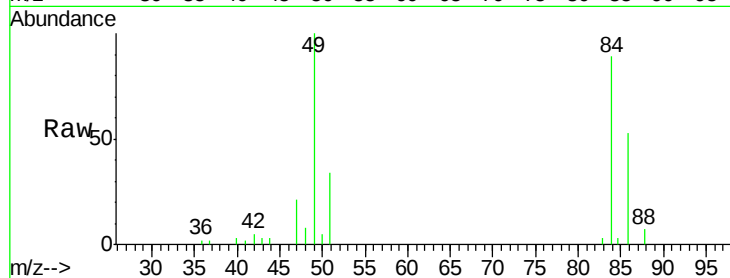
Ion Ratio Lower Upper

84 100

49 112.1 94.0 141.0

51 37.6 29.0 43.4

86 59.8 49.8 74.6

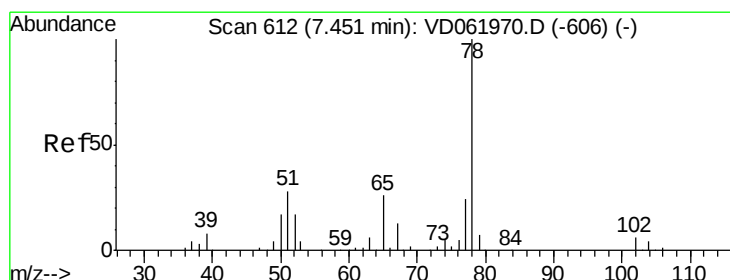
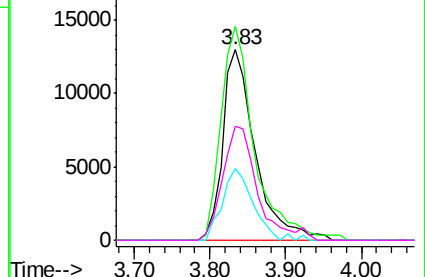
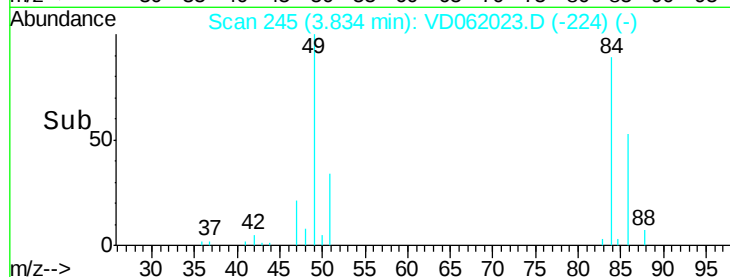


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 53.467 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD062023.D

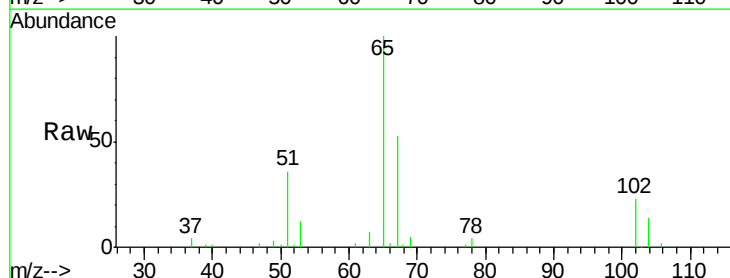
Acq: 25 Apr 2019 6:20

Tgt Ion: 65 Resp: 198180

Ion Ratio Lower Upper

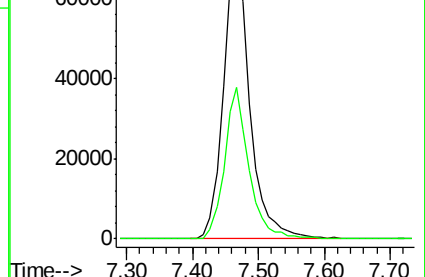
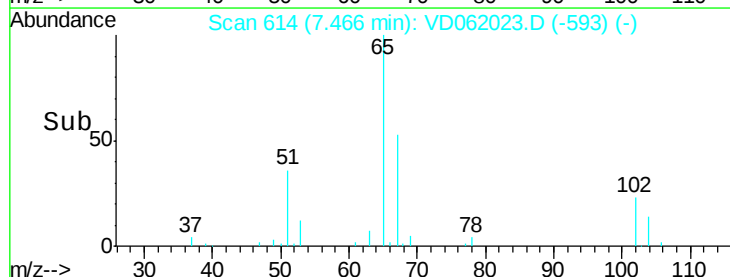
65 100

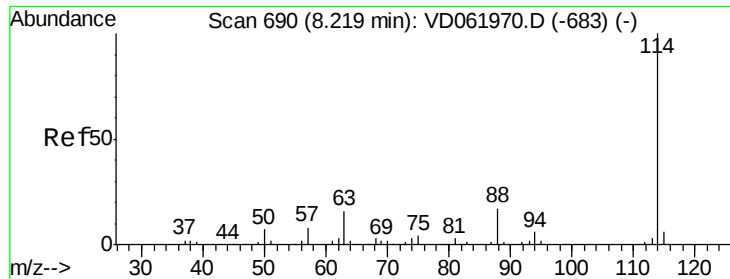
67 53.4 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

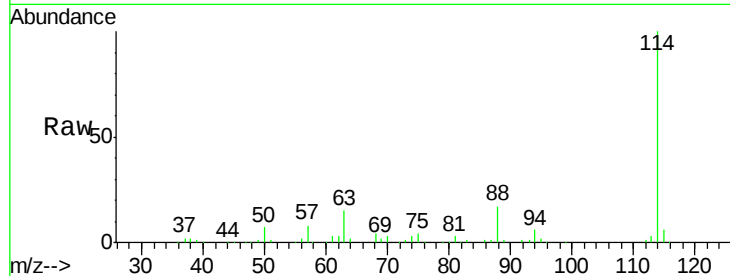




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: VD062023.D
 Acq: 25 Apr 2019 6:20

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-042319-B

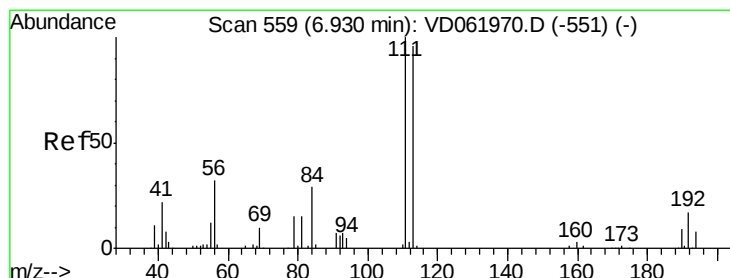
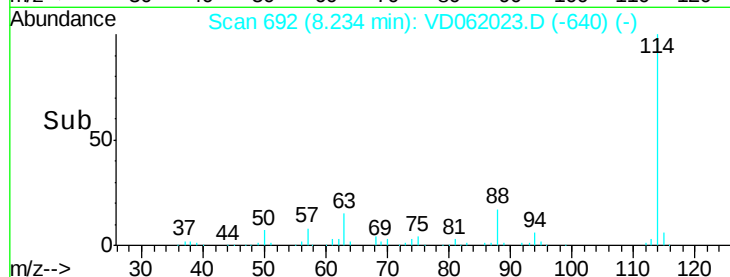
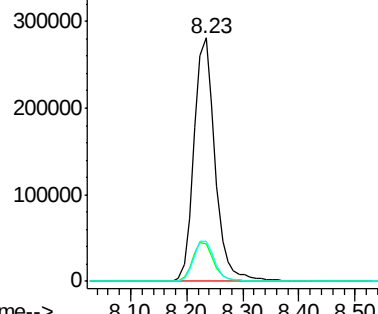
Tot Ion	Ratio	Lower	Upper
114	100		
63	15.2	0.0	32.4
88	16.6	0.0	33.6



Abundance Ion 114.00 (113.70 to 114.70): V

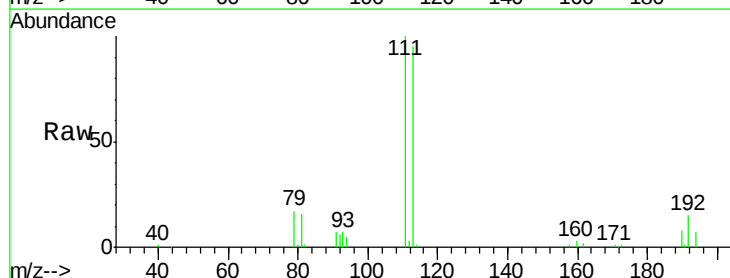
Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 53.699 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: VD062023.D
 Acq: 25 Apr 2019 6:20

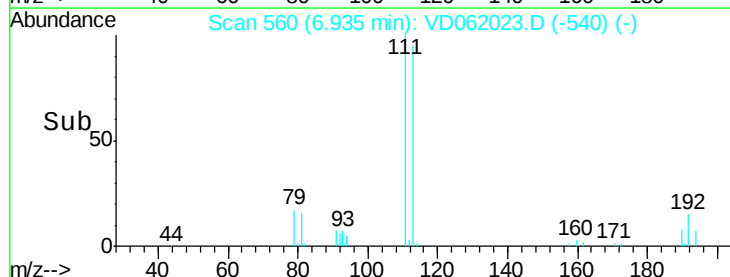
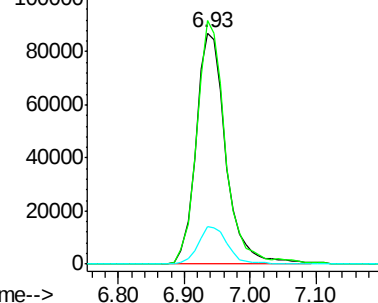
Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.5	78.5	117.7
192	16.3	13.0	19.4

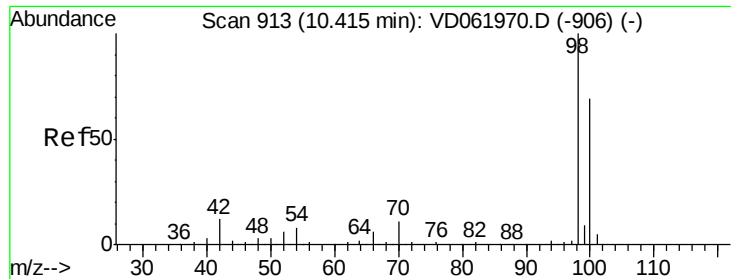


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

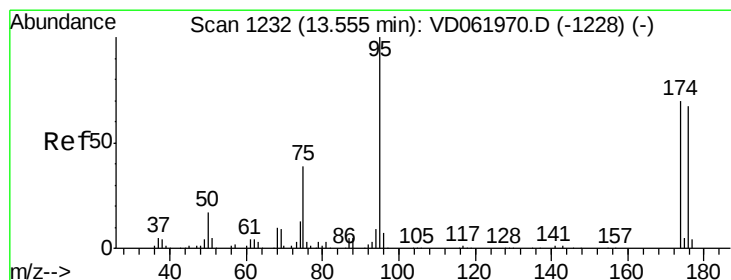
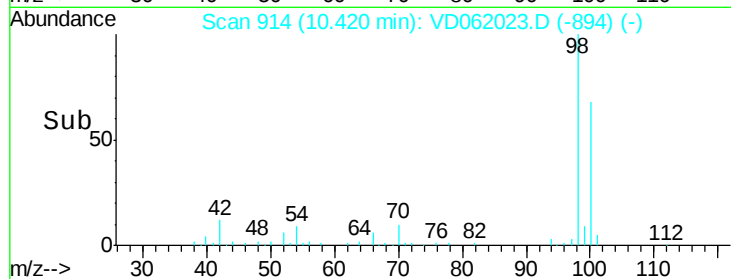
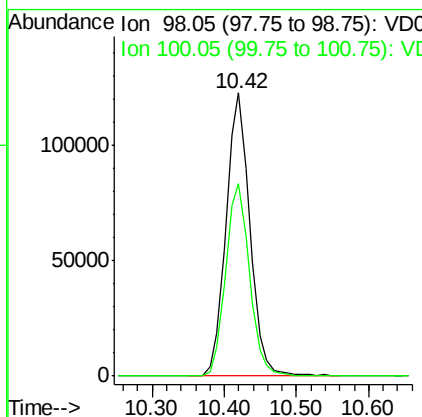
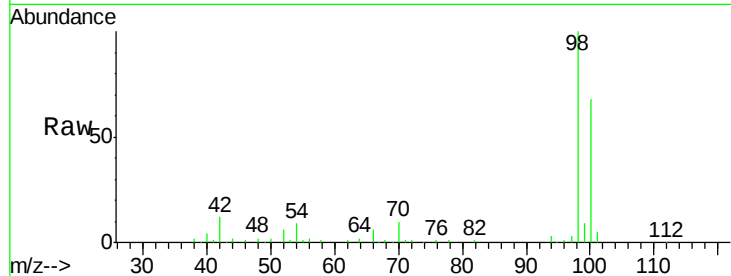




#50
Toluene-d8
Concen: 23.132 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD062023.D
Acq: 25 Apr 2019 6:20

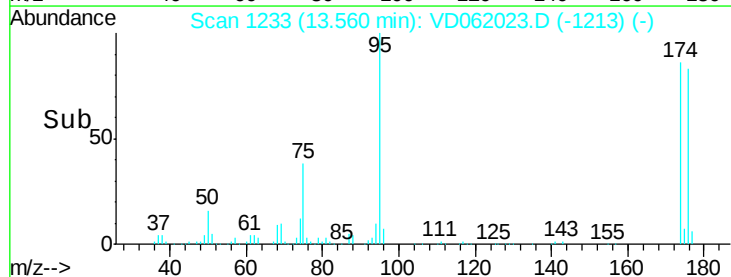
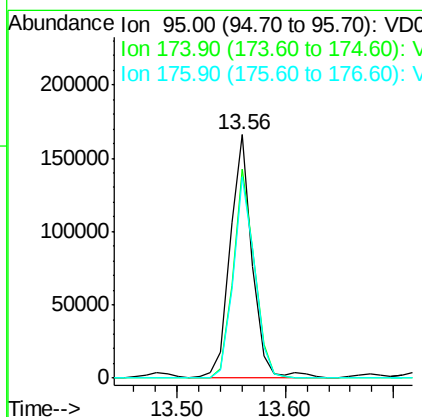
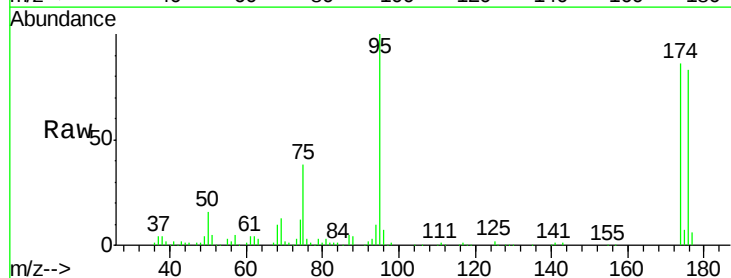
Instrument :
MSVOA_D
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EO-02-042319-B

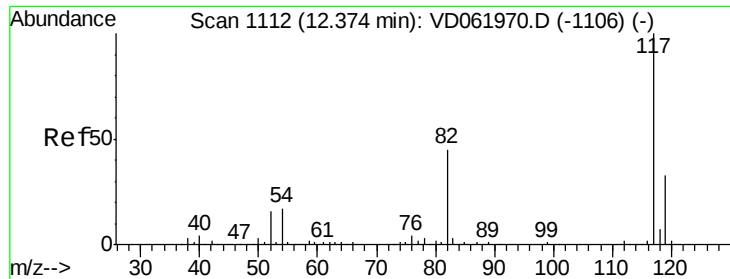
Tot Ion: 98 Resp: 281368
Ion Ratio Lower Upper
98 100
100 67.9 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 48.549 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD062023.D
Acq: 25 Apr 2019 6:20

Tgt Ion: 95 Resp: 236856
Ion Ratio Lower Upper
95 100
174 85.7 0.0 181.8
176 82.6 0.0 174.4

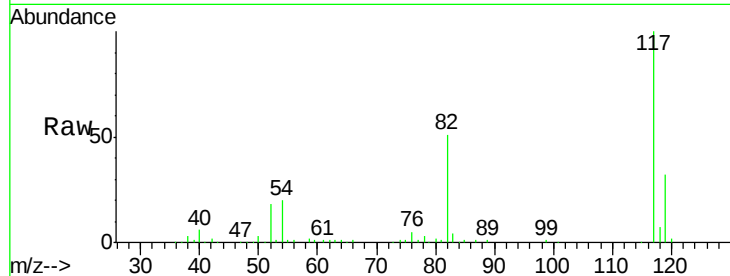




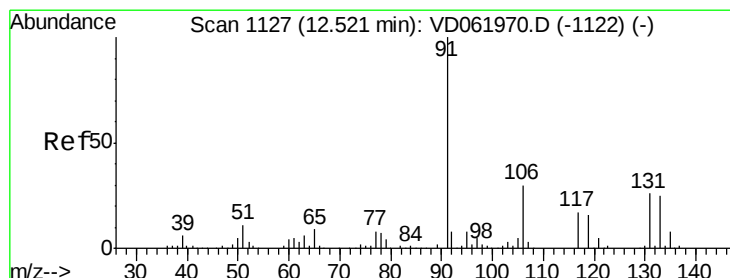
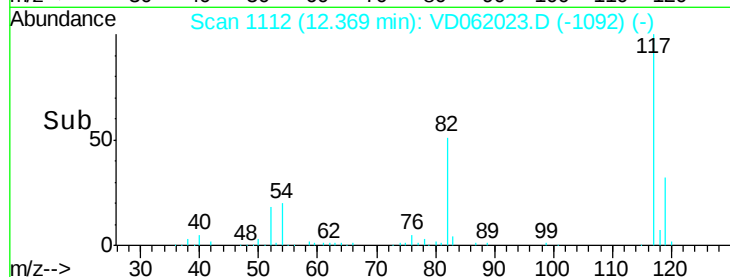
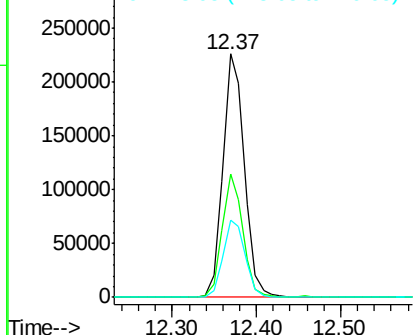
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062023.D
Acq: 25 Apr 2019 6:20

Instrument :
MSVOA_D
ClientSampleId :
EO-02-042319-B

Tot Ion:117 Resp: 397227
Ion Ratio Lower Upper
117 100
82 50.6 36.2 54.2
119 31.9 26.2 39.4

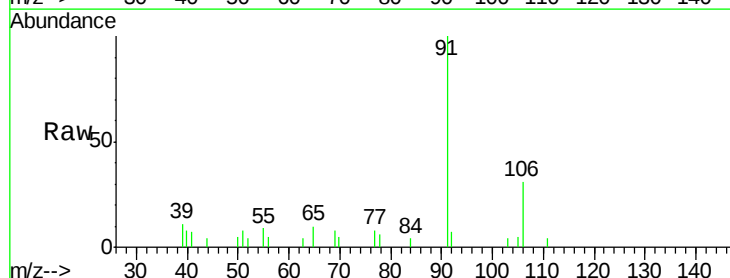


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VDC
Ion 118.95 (118.65 to 119.65): V

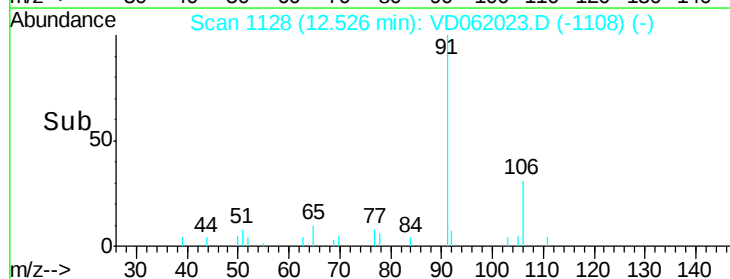
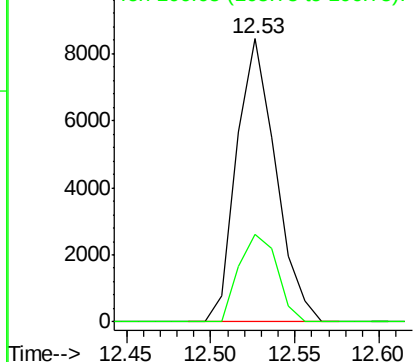


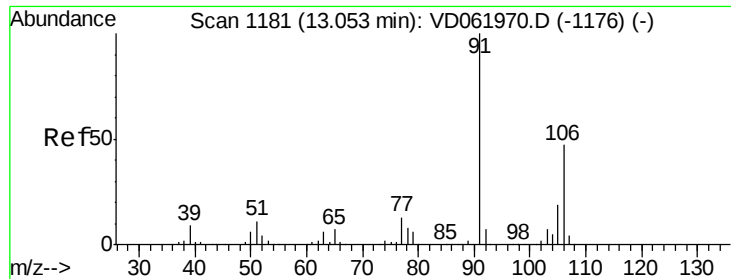
#67
Ethyl Benzene
Concen: 1.106 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VD062023.D
Acq: 25 Apr 2019 6:20

Tgt Ion: 91 Resp: 13553
Ion Ratio Lower Upper
91 100
106 31.0 24.7 37.1



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

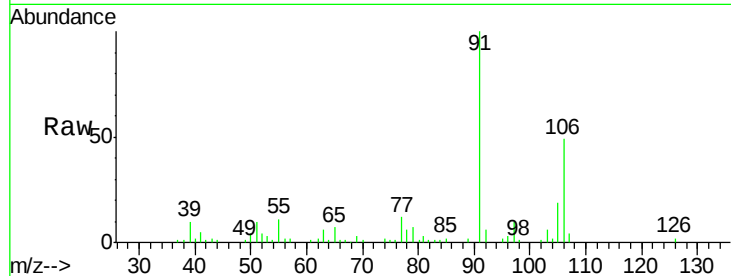




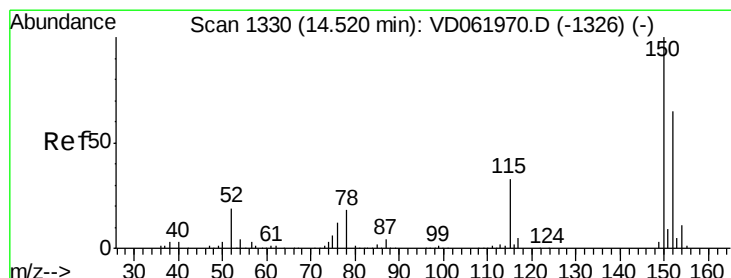
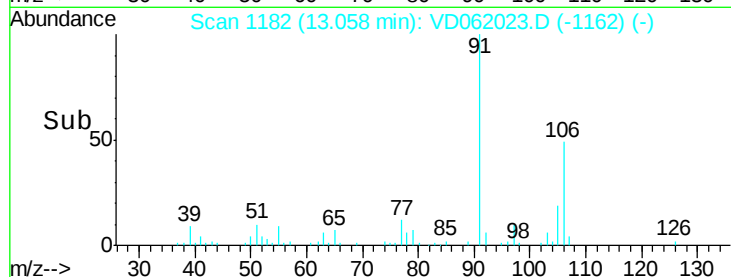
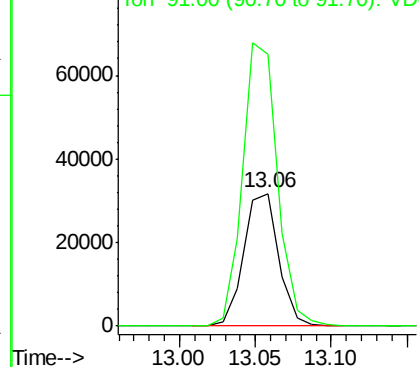
#69
o-Xylene
Concen: 12.554 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VD062023.D
Acq: 25 Apr 2019 6:20

Instrument :
MSVOA_D
ClientSampleId :
EO-02-042319-B

Tot Ion:106 Resp: 50863
Ion Ratio Lower Upper
106 100
91 205.7 106.7 319.9

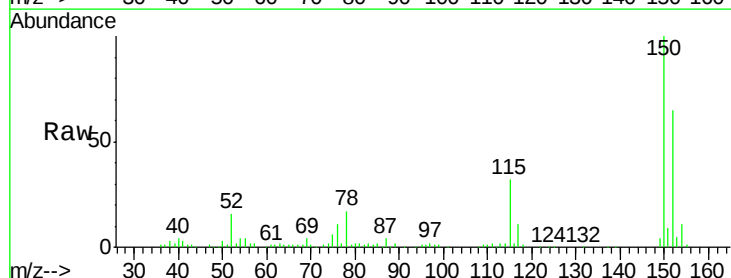


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

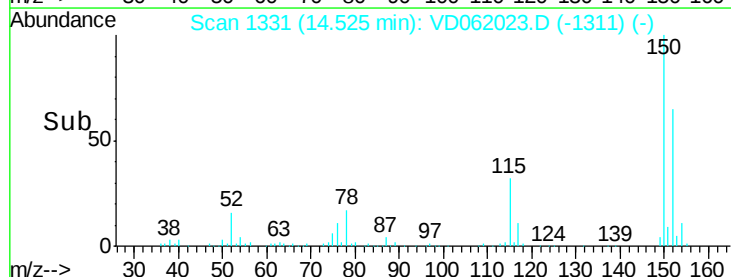
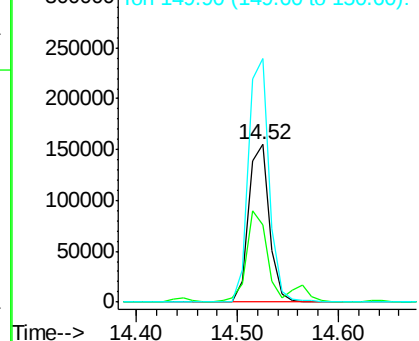


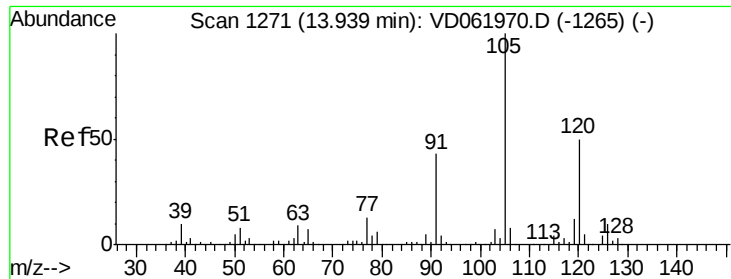
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD062023.D
Acq: 25 Apr 2019 6:20

Tgt Ion:152 Resp: 224413
Ion Ratio Lower Upper
152 100
115 49.0 30.9 92.7
150 154.7 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

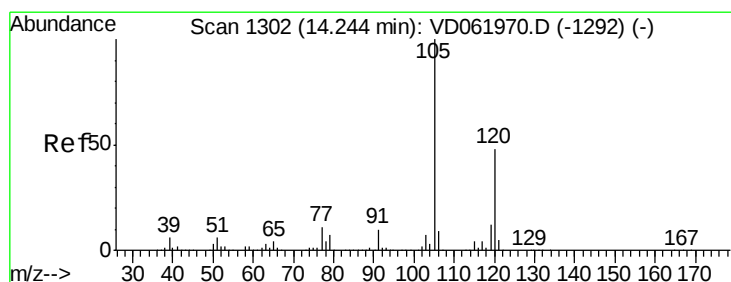
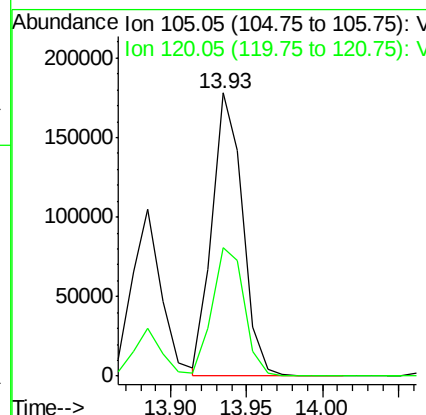
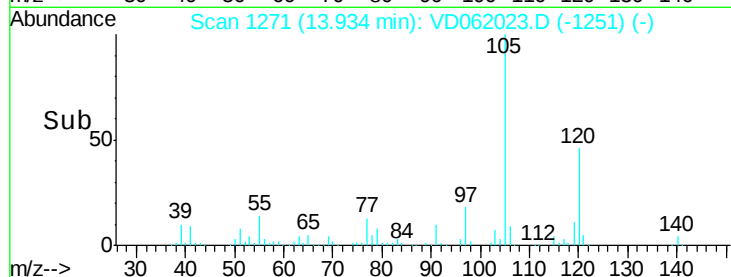
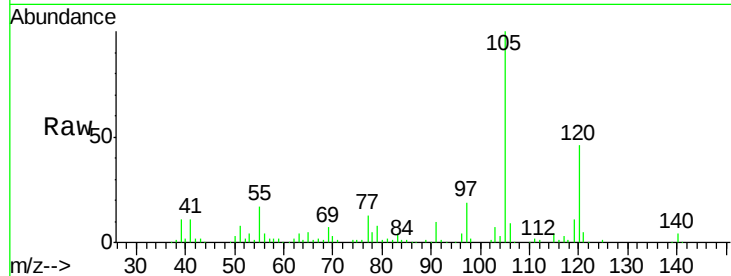




#80
 1,3,5-Trimethylbenzene
 Concen: 20.991 ug/l
 RT: 13.93 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VD062023.D
 Acq: 25 Apr 2019 6:20

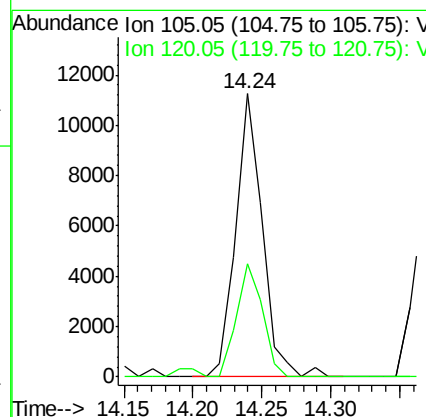
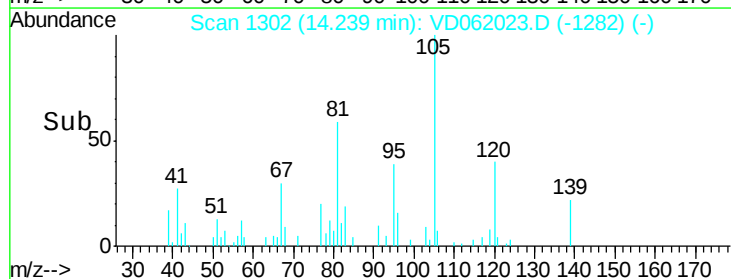
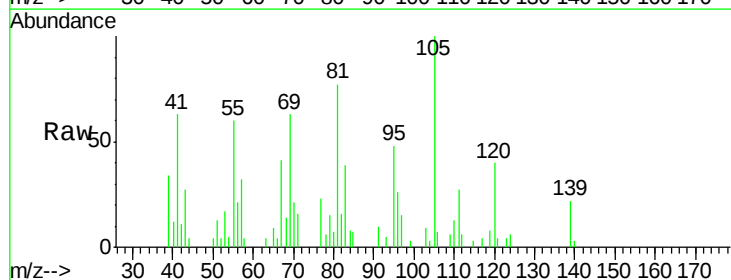
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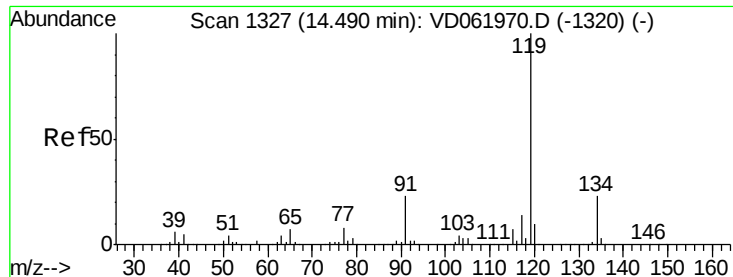
Tot Ion:105 Resp: 250564
 Ion Ratio Lower Upper
 105 100
 120 45.6 24.0 72.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.327 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VD062023.D
 Acq: 25 Apr 2019 6:20

Tgt Ion:105 Resp: 15130
 Ion Ratio Lower Upper
 105 100
 120 40.1 23.1 69.2





#86
 p-Isopropyltoluene
 Concen: 3.576 ug/l
 RT: 14.50 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: VD062023.D
 Acq: 25 Apr 2019 6:20

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-042319-B

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.8	38.3
91	22.4	10.7	32.1

