

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030122\
 Data File : VD072139.D
 Acq On : 01 Mar 2022 15:01
 Operator : VA/SY
 Sample : N1713-03
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-235

Quant Time: Mar 02 06:09:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

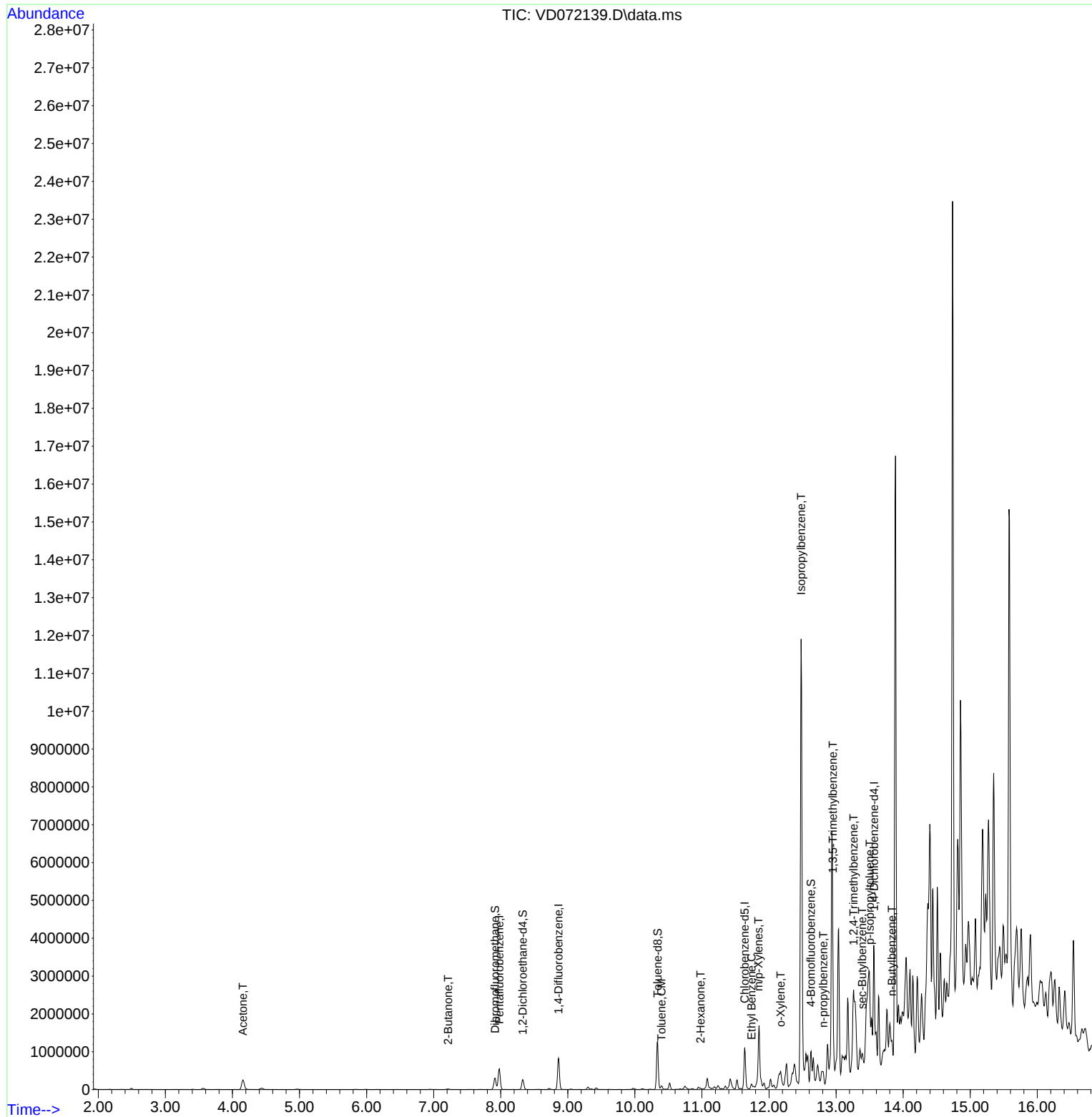
Internal Standards						
1) Pentafluorobenzene	7.979	168	399336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	693423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	623055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	237118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	207603	50.118	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.240%	
35) Dibromofluoromethane	7.914	113	216967	51.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.280%	
50) Toluene-d8	10.338	98	837623	53.763	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.520%	
62) 4-Bromofluorobenzene	12.626	95	277356	48.464	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.920%	
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	460810	514.743	ug/l	96
25) 2-Butanone	7.214	43	24314	19.651	ug/l	98
52) Toluene	10.397	92	39006	3.394	ug/l	99
59) 2-Hexanone	10.979	43	19756	9.945	ug/l	88
67) Ethyl Benzene	11.738	91	84080	3.960	ug/l	99
68) m/p-Xylenes	11.844	106	131001	16.117	ug/l	99
69) o-Xylene	12.173	106	86142	11.266	ug/l	96
73) Isopropylbenzene	12.479	105	534478	32.829	ug/l #	65
78) n-propylbenzene	12.808	91	237200	11.853	ug/l	95
80) 1,3,5-Trimethylbenzene	12.949	105	274130	20.165	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	1252414	93.715	ug/l	96
85) sec-Butylbenzene	13.391	105	135514	7.616	ug/l	85
86) p-Isopropyltoluene	13.502	119	427504	29.212	ug/l #	77
89) n-Butylbenzene	13.832	91	366961	26.370	ug/l #	71

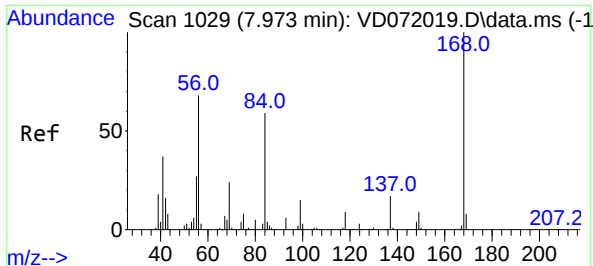
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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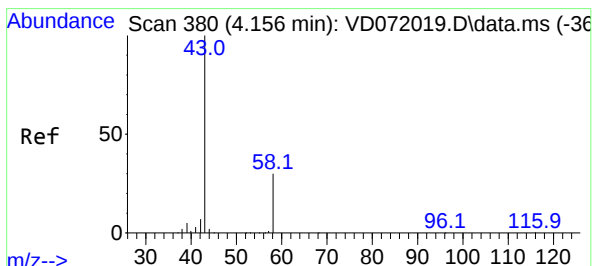
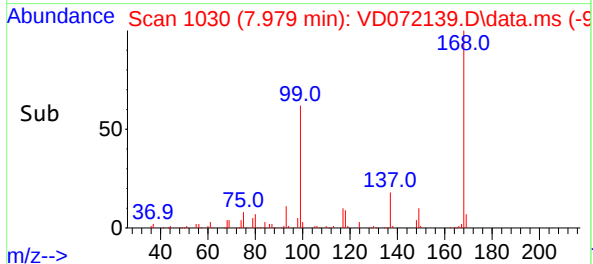
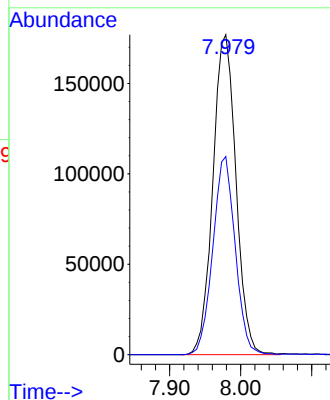
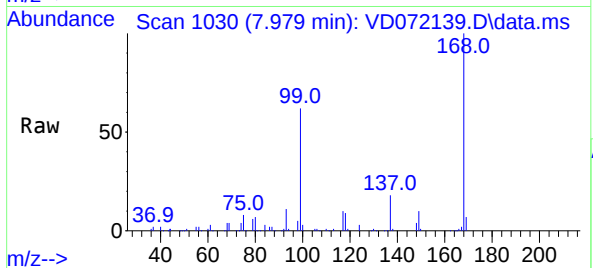




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072139.D
Acq: 01 Mar 2022 15:01

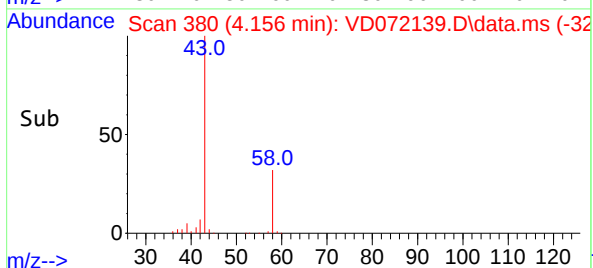
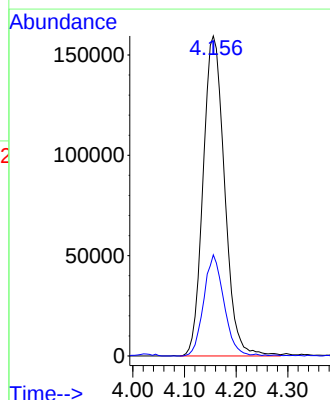
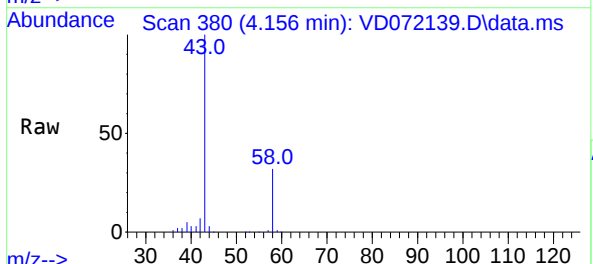
Instrument :
MSVOA_D
ClientSampleId :
VNJ-235

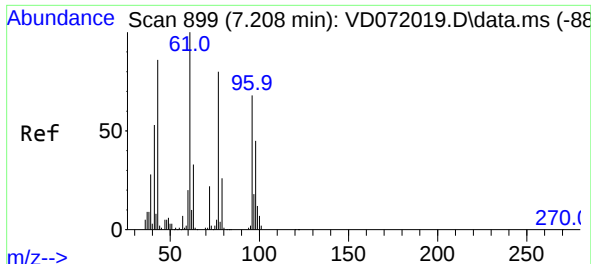
Tgt Ion:168 Resp: 399336
Ion Ratio Lower Upper
168 100
99 61.9 47.1 70.7



#16
Acetone
Concen: 514.743 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072139.D
Acq: 01 Mar 2022 15:01

Tgt Ion: 43 Resp: 460810
Ion Ratio Lower Upper
43 100
58 31.6 23.8 35.6

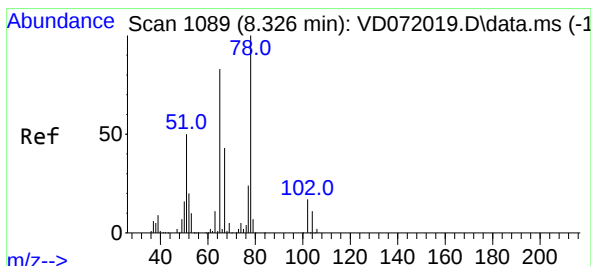
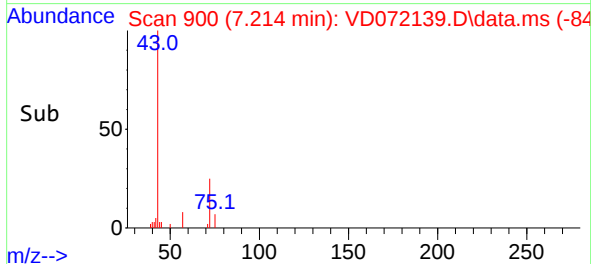
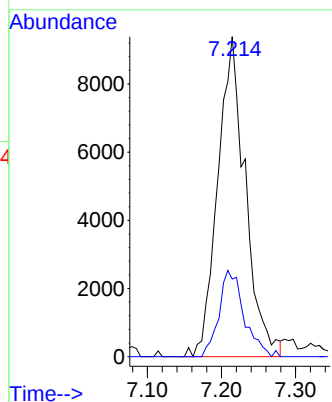
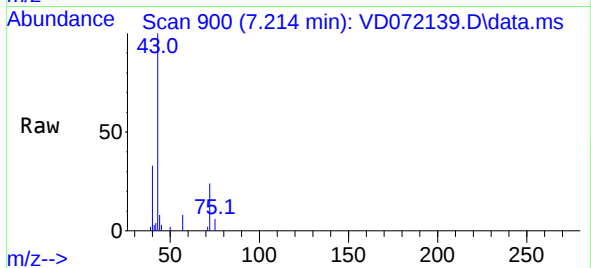




#25
2-Butanone
Concen: 19.651 ug/l
RT: 7.214 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD072139.D
Acq: 01 Mar 2022 15:01

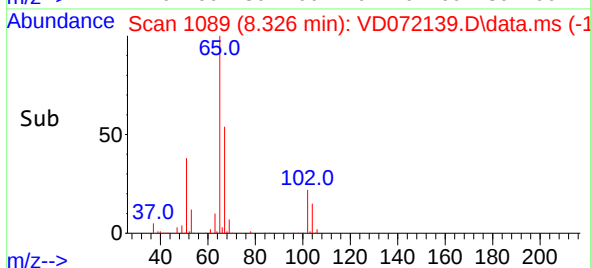
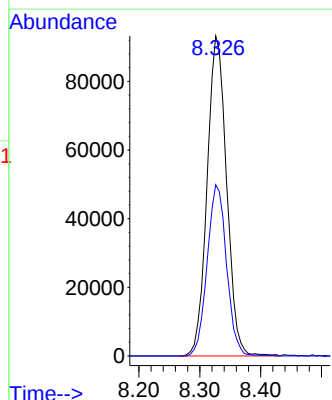
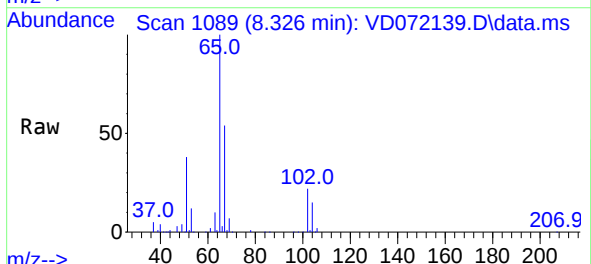
Instrument :
MSVOA_D
ClientSampleId :
VNJ-235

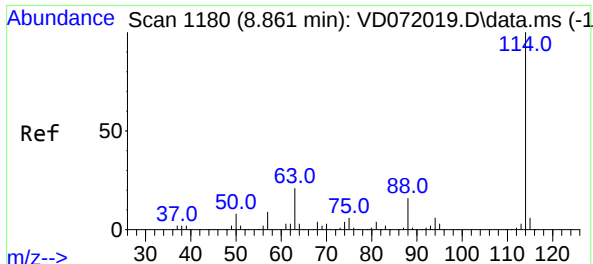
Tgt Ion: 43 Resp: 24314
Ion Ratio Lower Upper
43 100
72 24.2 20.3 30.5



#33
1,2-Dichloroethane-d4
Concen: 50.118 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072139.D
Acq: 01 Mar 2022 15:01

Tgt Ion: 65 Resp: 207603
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.6

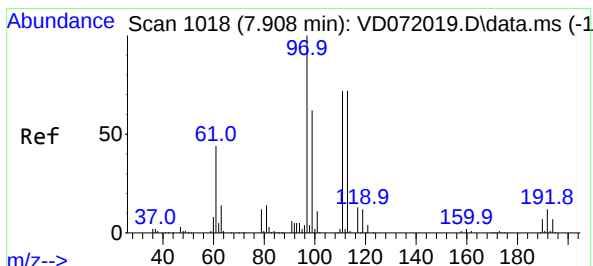
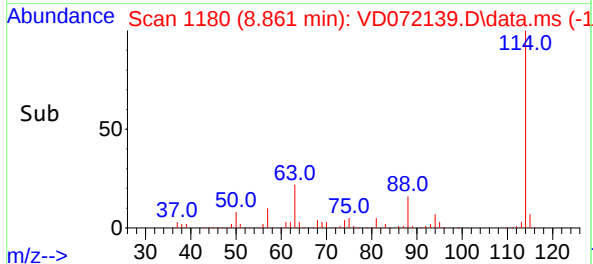
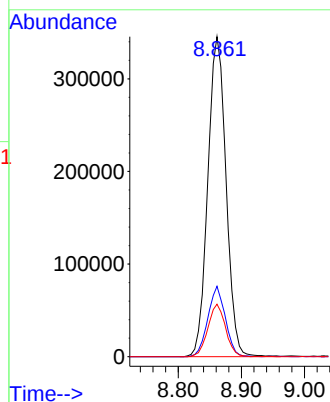
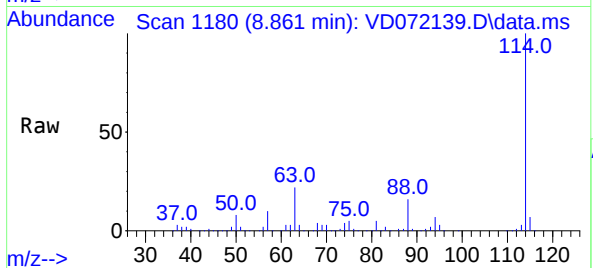




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072139.D
Acq: 01 Mar 2022 15:01

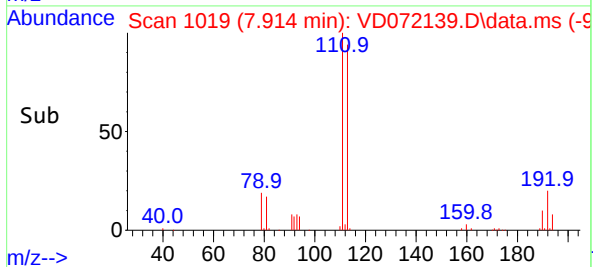
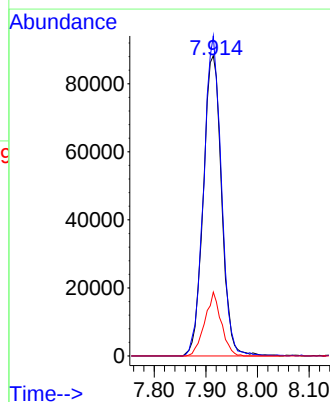
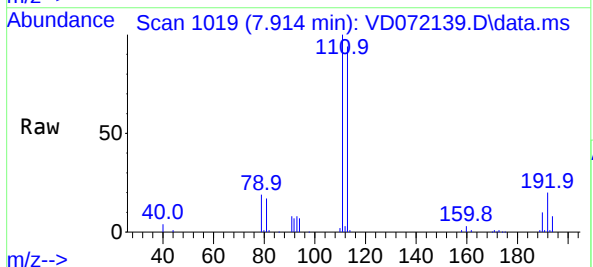
Instrument :
MSVOA_D
ClientSampleId :
VNJ-235

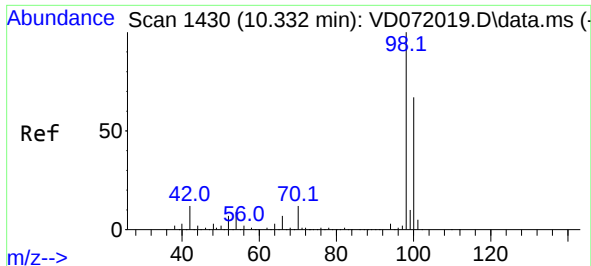
Tgt Ion:114 Resp: 693423
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.2
88 16.4 0.0 31.2



#35
Dibromofluoromethane
Concen: 51.644 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072139.D
Acq: 01 Mar 2022 15:01

Tgt Ion:113 Resp: 216967
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.4
192 19.1 15.3 22.9

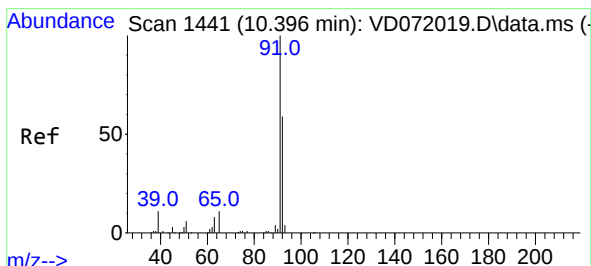
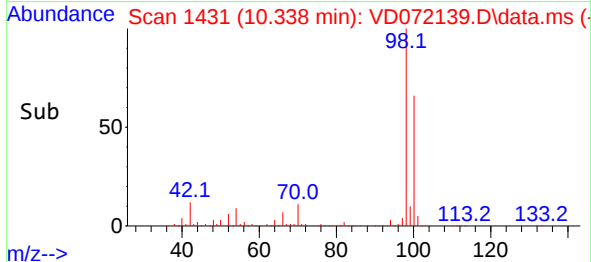
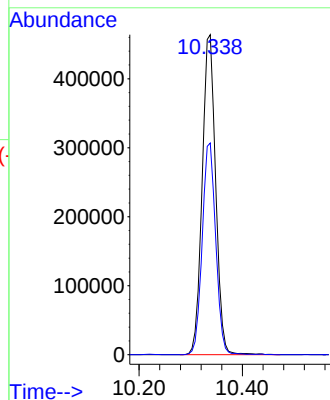
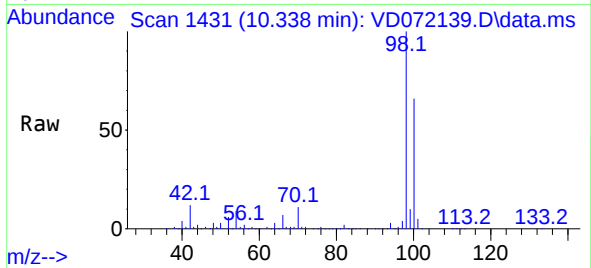




#50
Toluene-d8
Concen: 53.763 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072139.D
Acq: 01 Mar 2022 15:01

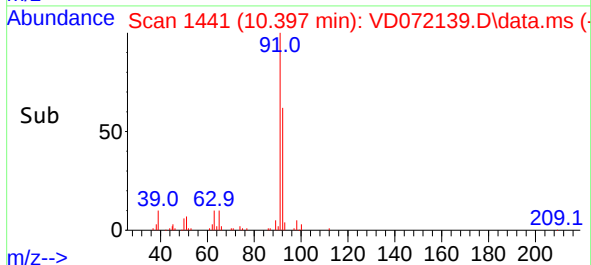
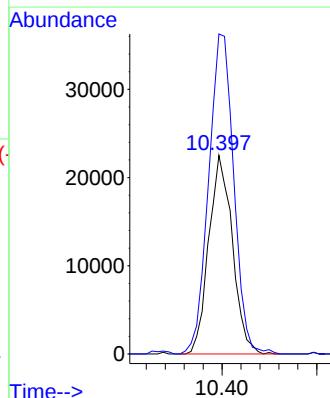
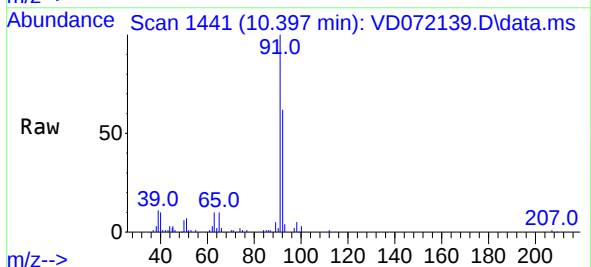
Instrument :
MSVOA_D
ClientSampleId :
VNJ-235

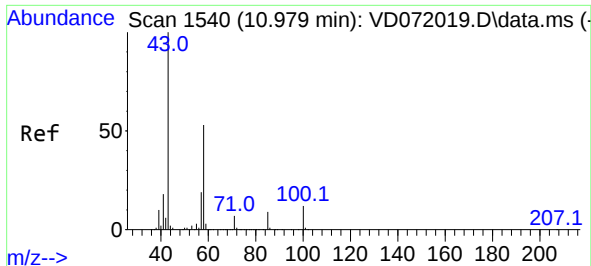
Tgt Ion: 98 Resp: 837623
Ion Ratio Lower Upper
98 100
100 66.4 53.8 80.6



#52
Toluene
Concen: 3.394 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072139.D
Acq: 01 Mar 2022 15:01

Tgt Ion: 92 Resp: 39006
Ion Ratio Lower Upper
92 100
91 171.1 135.6 203.4

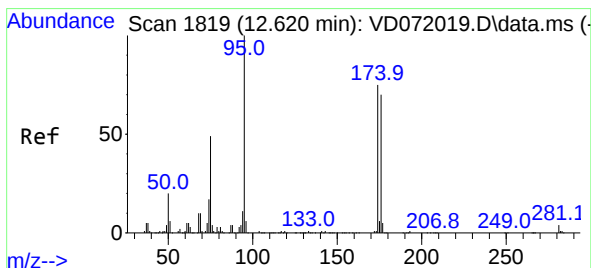
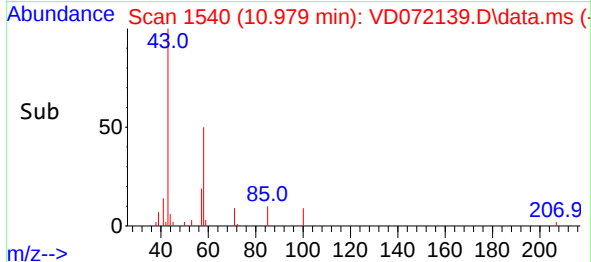
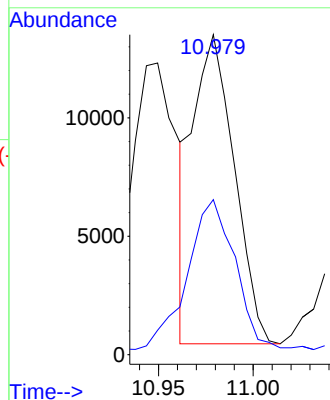
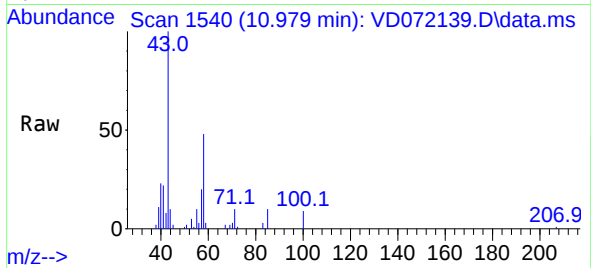




#59
2-Hexanone
Concen: 9.945 ug/l
RT: 10.979 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072139.D
Acq: 01 Mar 2022 15:01

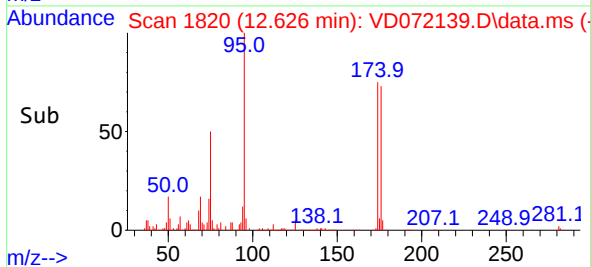
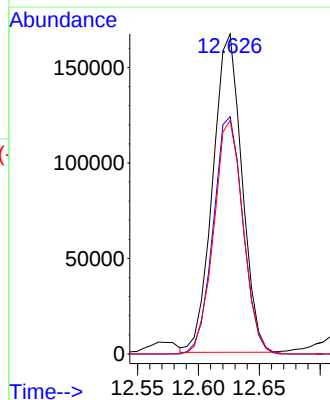
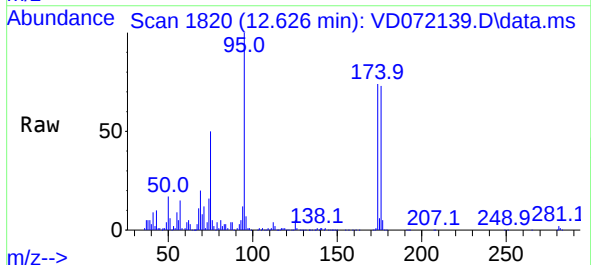
Instrument :
MSVOA_D
ClientSampleId :
VNJ-235

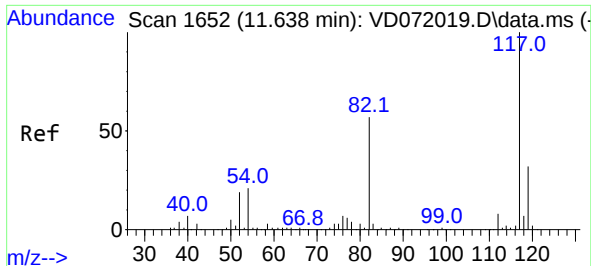
Tgt Ion: 43 Resp: 19756
Ion Ratio Lower Upper
43 100
58 62.3 27.0 80.8



#62
4-Bromofluorobenzene
Concen: 48.464 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072139.D
Acq: 01 Mar 2022 15:01

Tgt Ion: 95 Resp: 277356
Ion Ratio Lower Upper
95 100
174 75.6 0.0 155.0
176 74.0 0.0 148.8

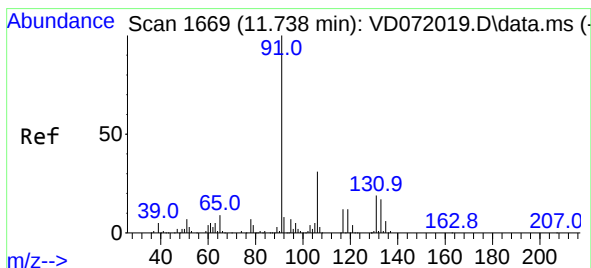
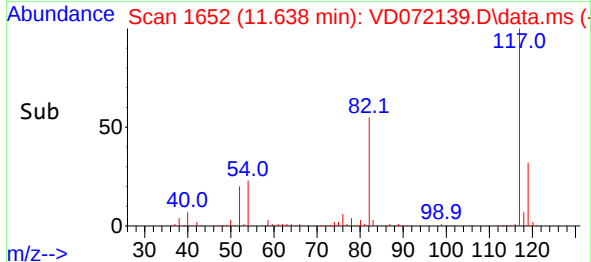
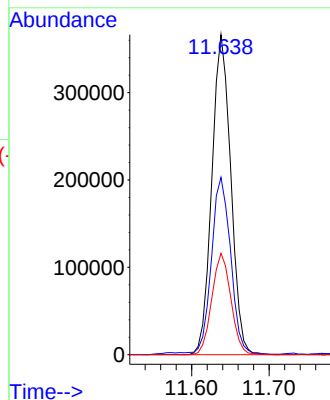
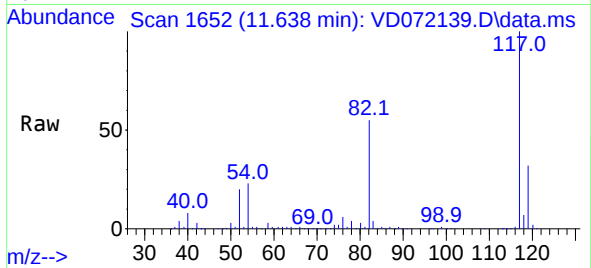




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072139.D
Acq: 01 Mar 2022 15:01

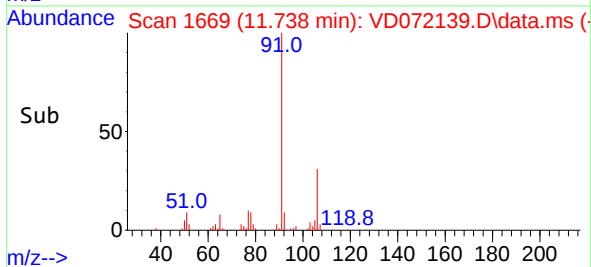
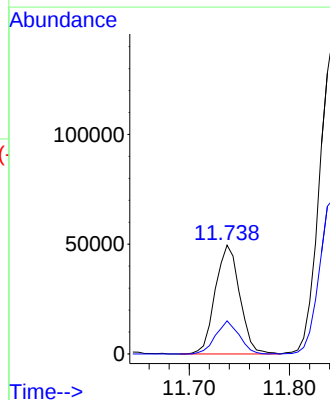
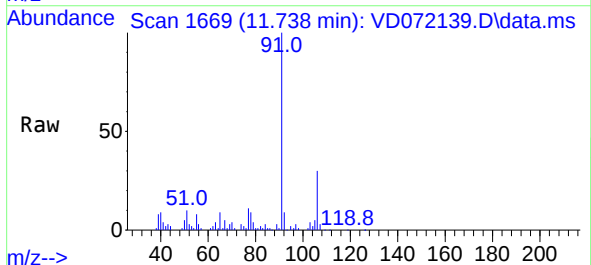
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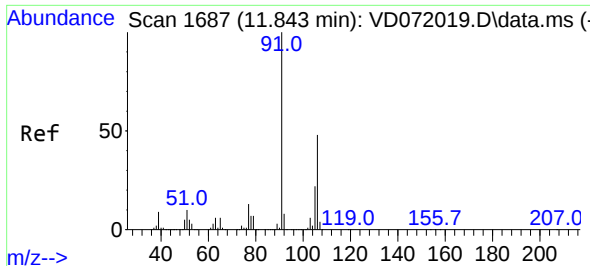
Tgt Ion:117 Resp: 623055
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.0
119 31.6 25.4 38.2



#67
Ethyl Benzene
Concen: 3.960 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072139.D
Acq: 01 Mar 2022 15:01

Tgt Ion: 91 Resp: 84080
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8

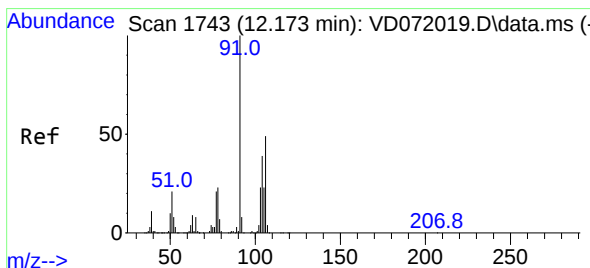
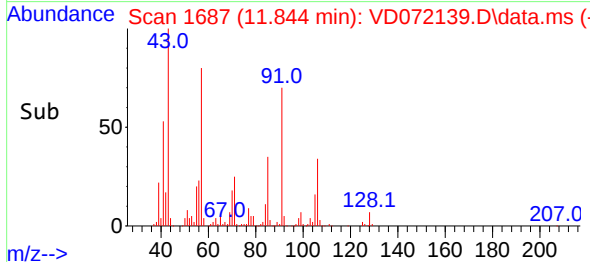
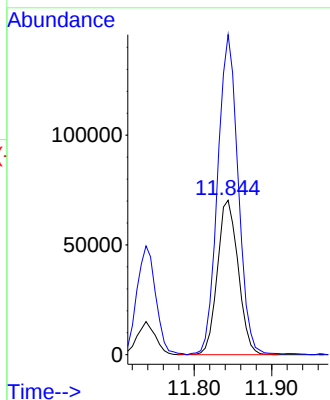
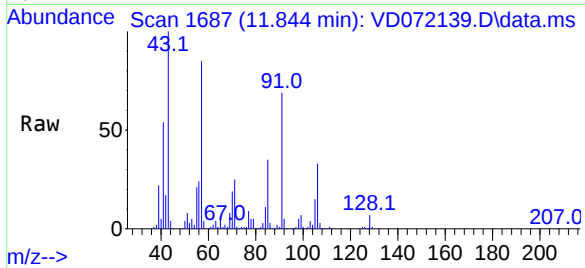




#68
m/p-Xylenes
Concen: 16.117 ug/l
RT: 11.844 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072139.D
Acq: 01 Mar 2022 15:01

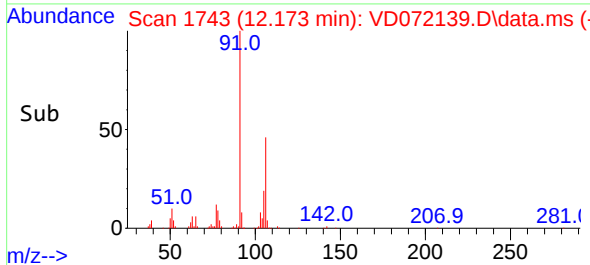
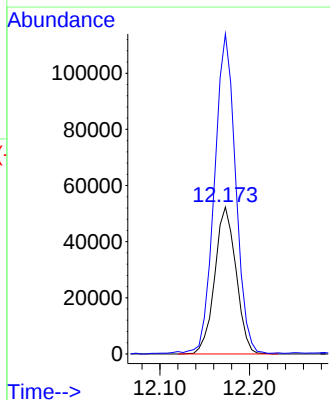
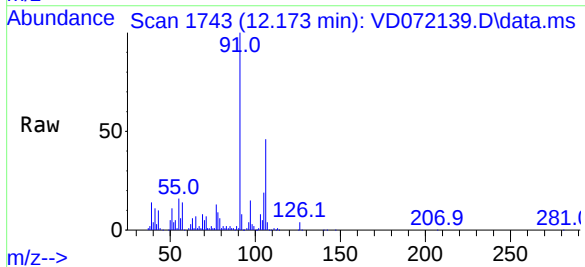
Instrument :
MSVOA_D
ClientSampleId :
VNJ-235

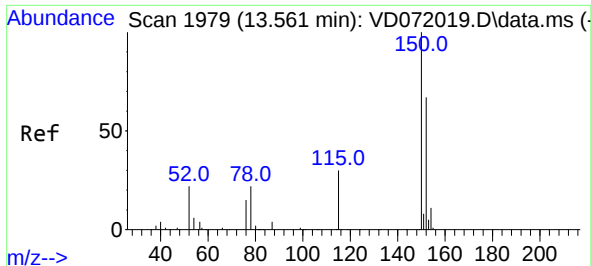
Tgt Ion:106 Resp: 131001
Ion Ratio Lower Upper
106 100
91 205.1 162.6 243.8



#69
o-Xylene
Concen: 11.266 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072139.D
Acq: 01 Mar 2022 15:01

Tgt Ion:106 Resp: 86142
Ion Ratio Lower Upper
106 100
91 218.3 106.0 317.9

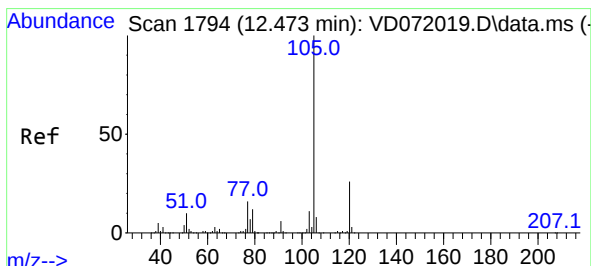
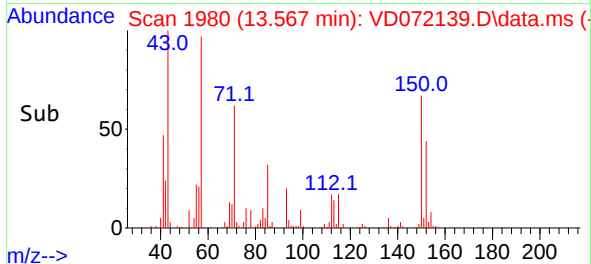
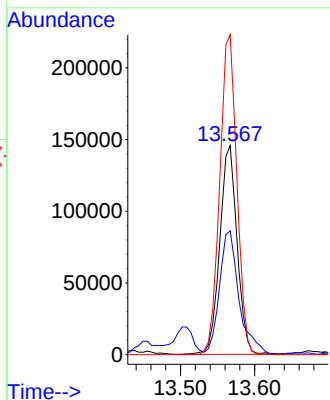
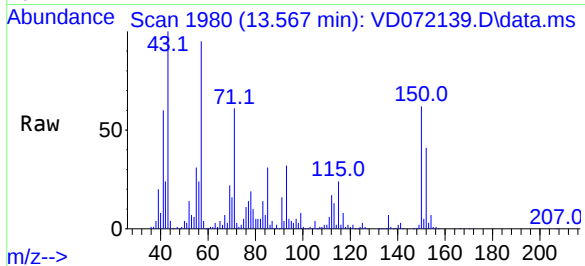




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD072139.D
Acq: 01 Mar 2022 15:01

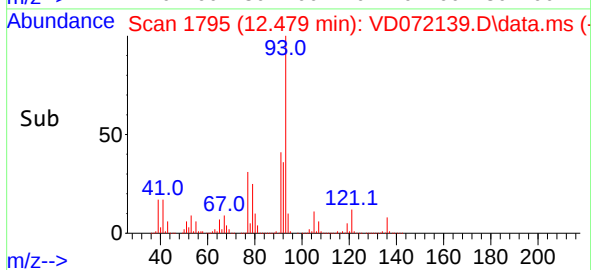
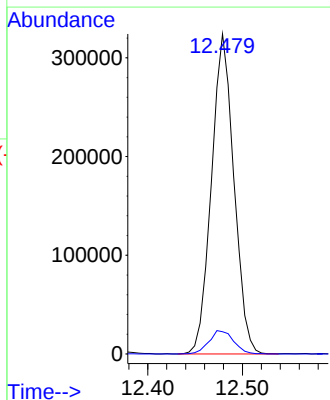
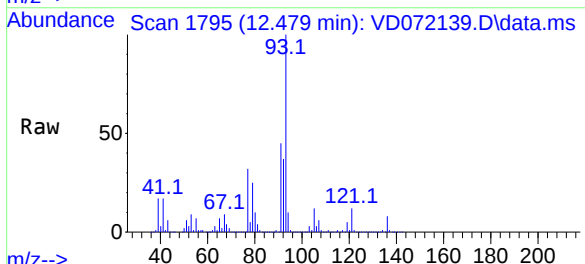
Instrument :
MSVOA_D
ClientSampleId :
VNJ-235

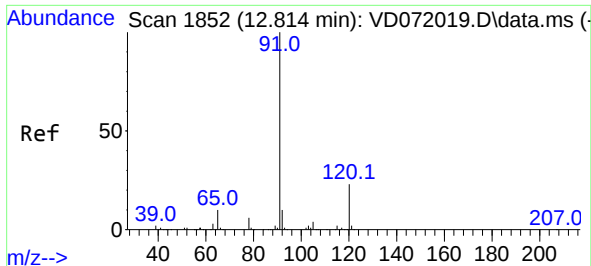
Tgt Ion:152 Resp: 237118
Ion Ratio Lower Upper
152 100
115 66.4 29.9 89.7
150 151.2 0.0 347.6



#73
Isopropylbenzene
Concen: 32.829 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VD072139.D
Acq: 01 Mar 2022 15:01

Tgt Ion:105 Resp: 534478
Ion Ratio Lower Upper
105 100
120 8.0 13.1 39.1#

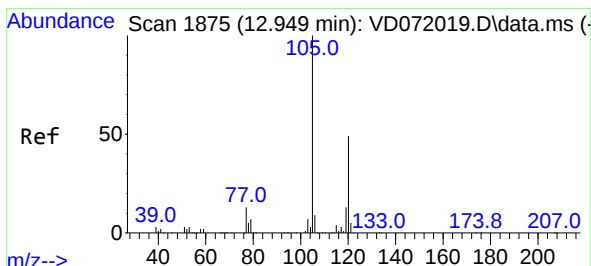
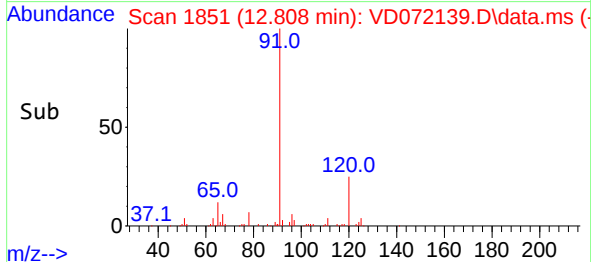
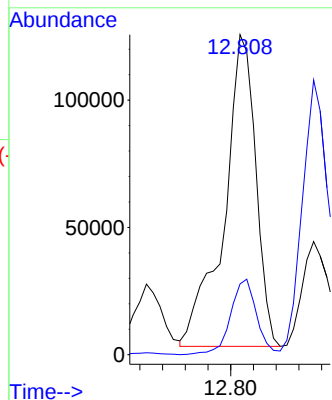
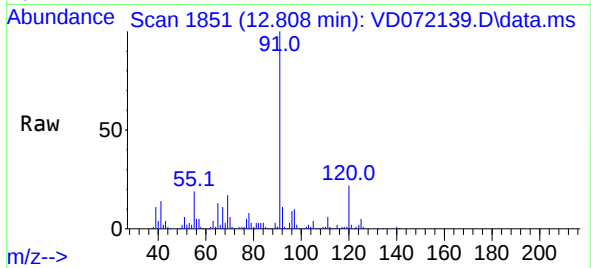




#78
n-propylbenzene
Concen: 11.853 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072139.D
Acq: 01 Mar 2022 15:01

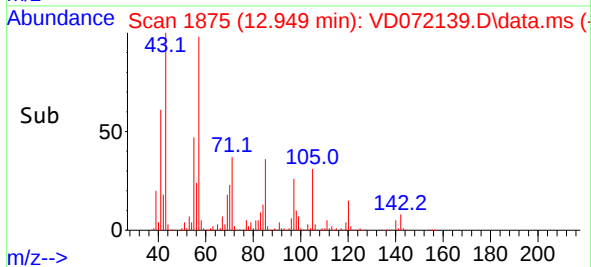
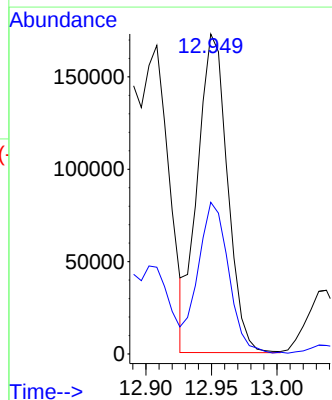
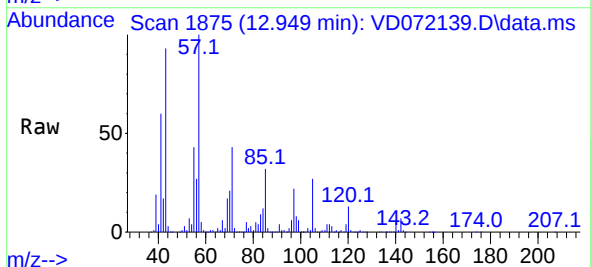
Instrument :
MSVOA_D
ClientSampleId :
VNJ-235

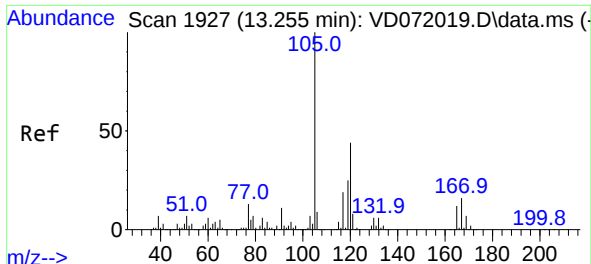
Tgt Ion: 91 Resp: 237200
Ion Ratio Lower Upper
91 100
120 20.0 11.2 33.5



#80
1,3,5-Trimethylbenzene
Concen: 20.165 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072139.D
Acq: 01 Mar 2022 15:01

Tgt Ion:105 Resp: 274130
Ion Ratio Lower Upper
105 100
120 49.1 24.9 74.7

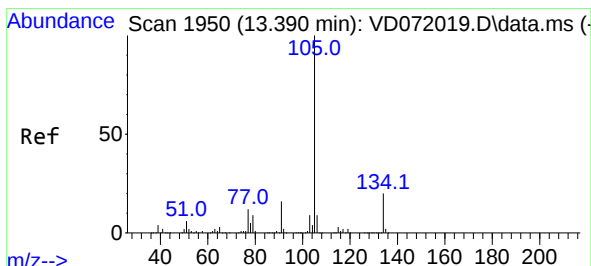
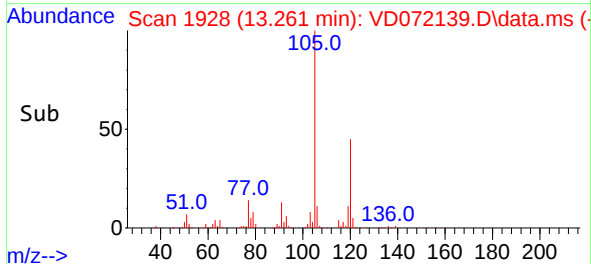
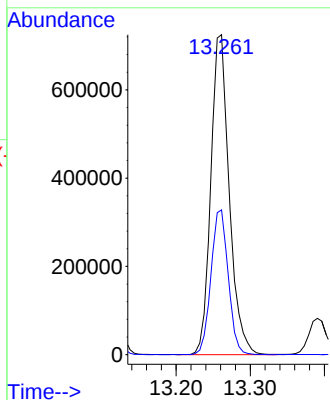
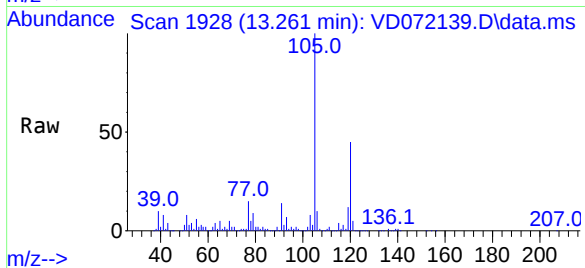




#84
1,2,4-Trimethylbenzene
Concen: 93.715 ug/l
RT: 13.261 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VD072139.D
Acq: 01 Mar 2022 15:01

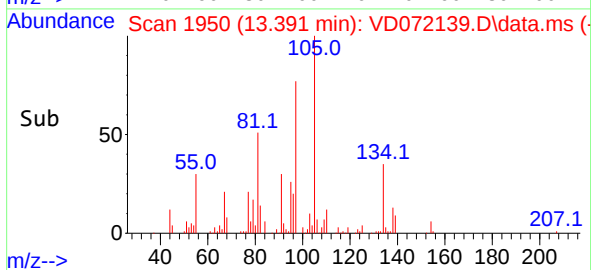
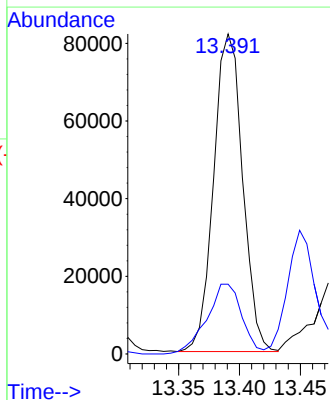
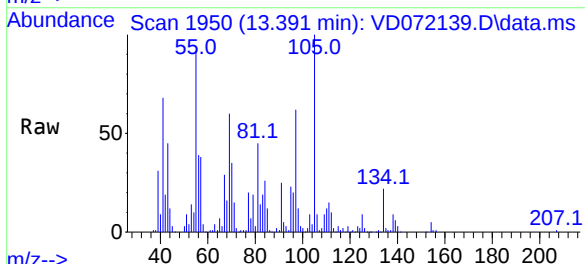
Instrument :
MSVOA_D
ClientSampleId :
VNJ-235

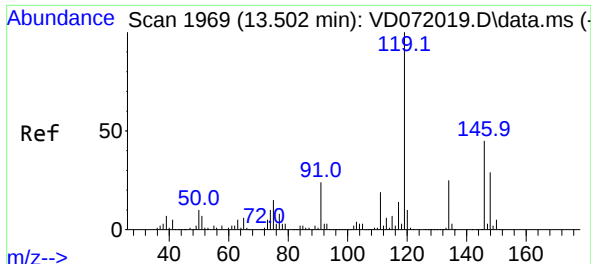
Tgt Ion:105 Resp: 1252414
Ion Ratio Lower Upper
105 100
120 42.4 22.4 67.3



#85
sec-Butylbenzene
Concen: 7.616 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD072139.D
Acq: 01 Mar 2022 15:01

Tgt Ion:105 Resp: 135514
Ion Ratio Lower Upper
105 100
134 26.7 10.0 29.8

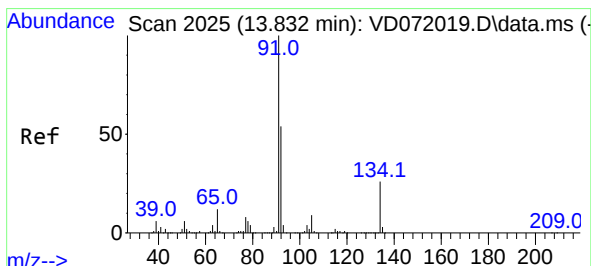
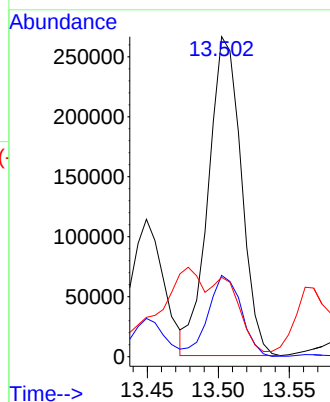
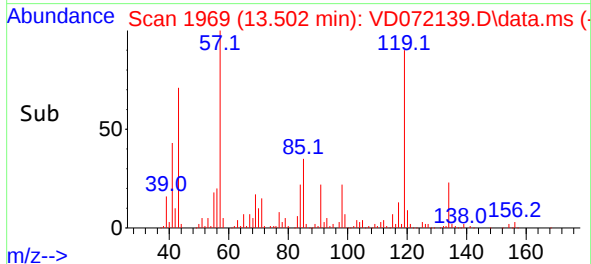
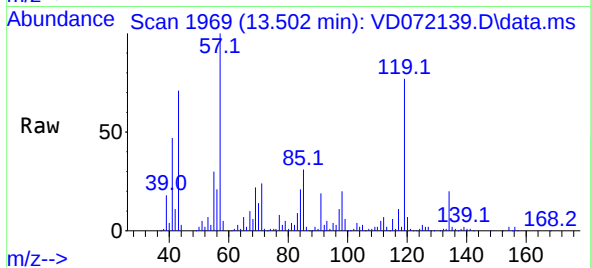




#86
p-Isopropyltoluene
Concen: 29.212 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072139.D
Acq: 01 Mar 2022 15:01

Instrument :
MSVOA_D
ClientSampleId :
VNJ-235

Tgt Ion:119 Resp: 427504
Ion Ratio Lower Upper
119 100
134 25.5 13.0 38.9
91 0.0 11.9 35.5#



#89
n-Butylbenzene
Concen: 26.370 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072139.D
Acq: 01 Mar 2022 15:01

Tgt Ion: 91 Resp: 366961
Ion Ratio Lower Upper
91 100
92 40.7 27.0 81.0
134 0.0 12.8 38.4#

