

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072252.D
 Acq On : 17 Mar 2022 18:55
 Operator : VA/SY
 Sample : N1956-04
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TPK-4

Quant Time: Mar 18 04:32:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

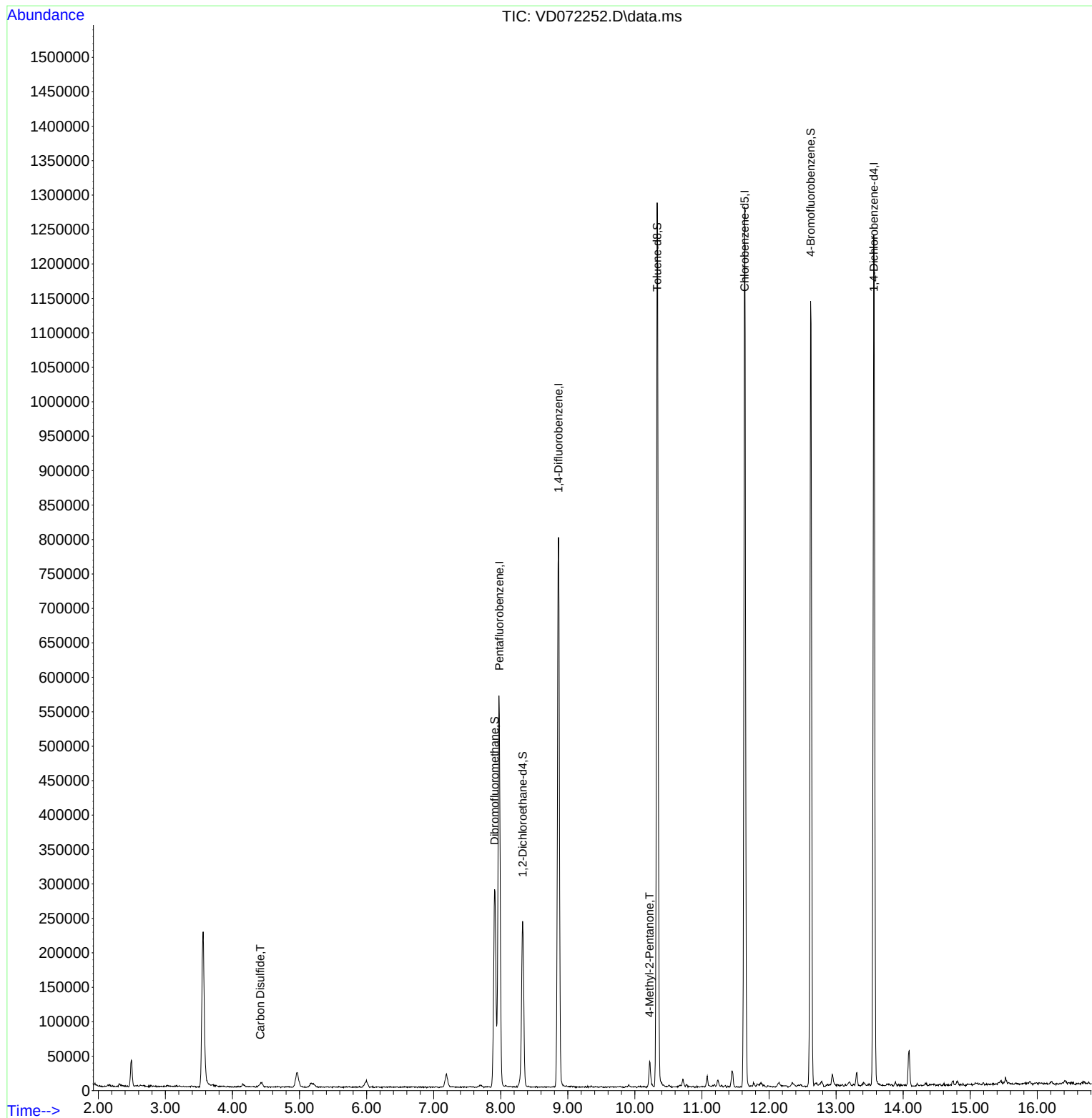
Internal Standards						
1) Pentafluorobenzene	7.979	168	414228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	678794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	718932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	324595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	195891	42.434	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.860%		
35) Dibromofluoromethane	7.909	113	209487	43.856	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.720%		
50) Toluene-d8	10.332	98	848315	48.569	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.140%		
62) 4-Bromofluorobenzene	12.620	95	336952	49.650	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.300%		
Target Compounds						
17) Carbon Disulfide	4.415	76	5157	2.064	ug/l #	82
51) 4-Methyl-2-Pentanone	10.220	43	25034	8.366	ug/l	100

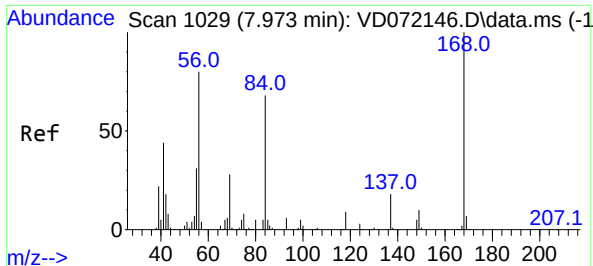
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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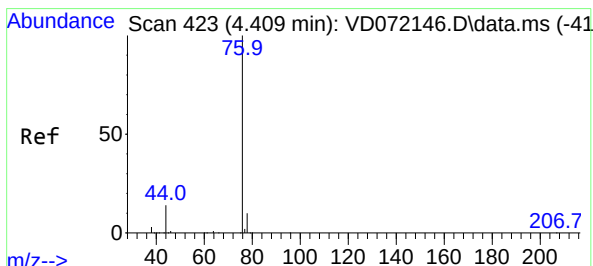
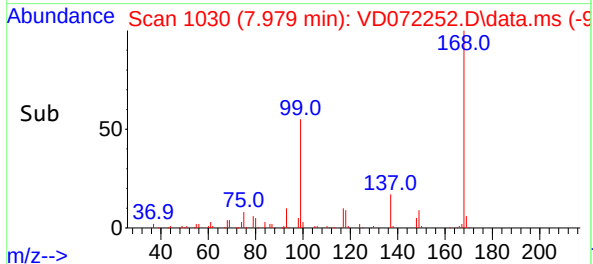
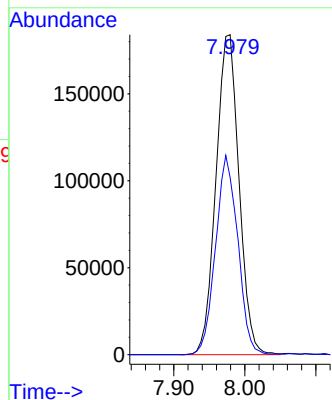
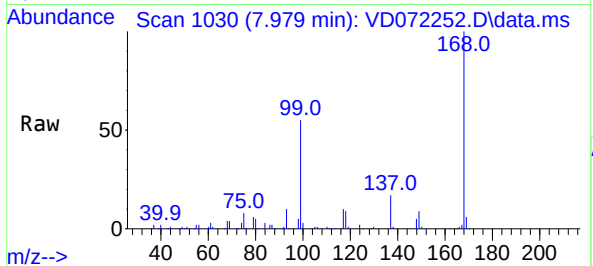




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072252.D
Acq: 17 Mar 2022 18:55

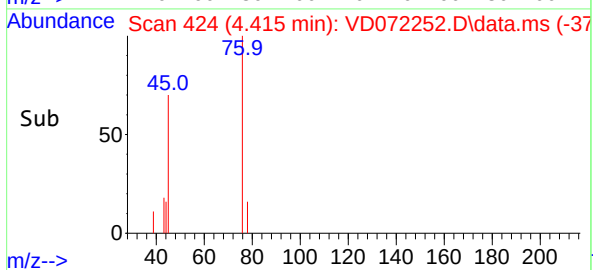
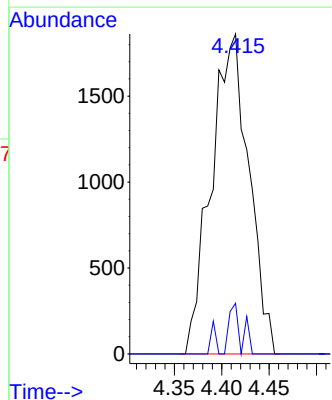
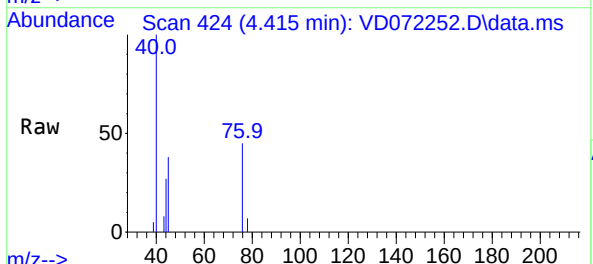
Instrument :
MSVOA_D
ClientSampleId :
TPK-4

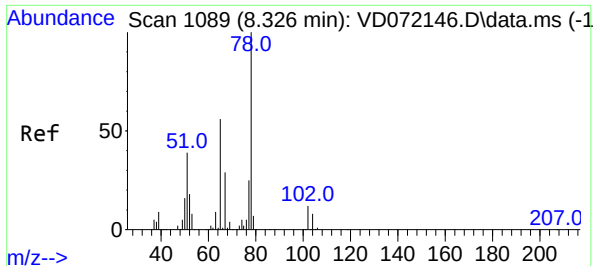
Tgt Ion:168 Resp: 414228
Ion Ratio Lower Upper
168 100
99 55.4 49.8 74.6



#17
Carbon Disulfide
Concen: 2.064 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD072252.D
Acq: 17 Mar 2022 18:55

Tgt Ion: 76 Resp: 5157
Ion Ratio Lower Upper
76 100
78 15.8 7.5 11.3#





#33

1,2-Dichloroethane-d4

Concen: 42.434 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072252.D

Acq: 17 Mar 2022 18:55

Instrument :

MSVOA_D

ClientSampleId :

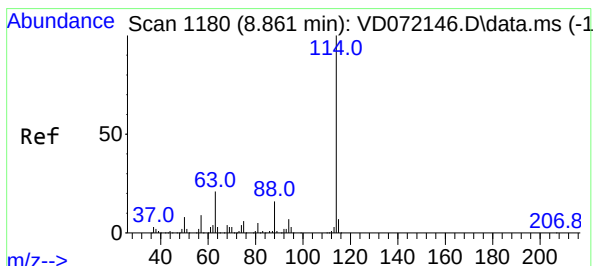
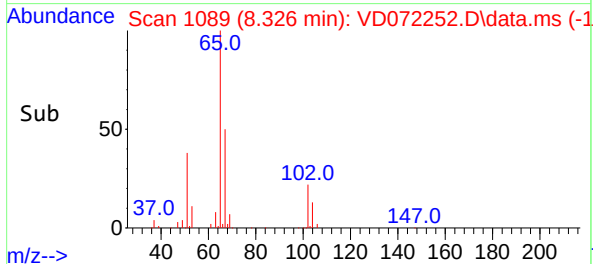
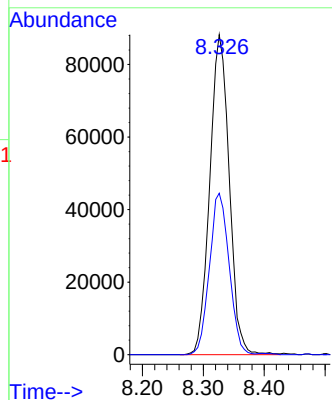
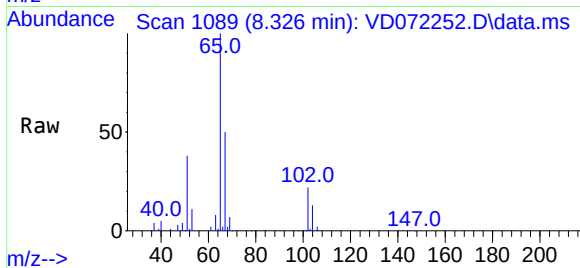
TPK-4

Tgt Ion: 65 Resp: 195891

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072252.D

Acq: 17 Mar 2022 18:55

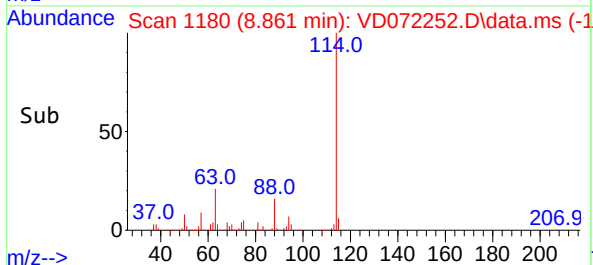
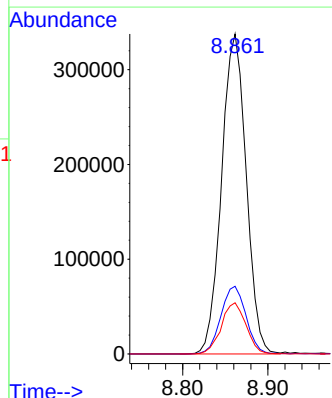
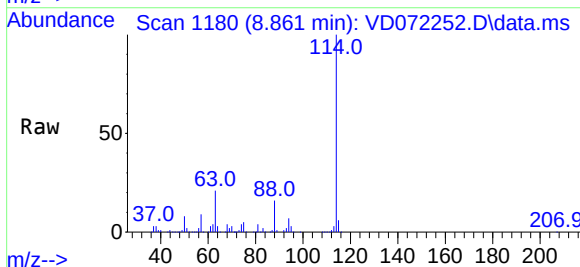
Tgt Ion: 114 Resp: 678794

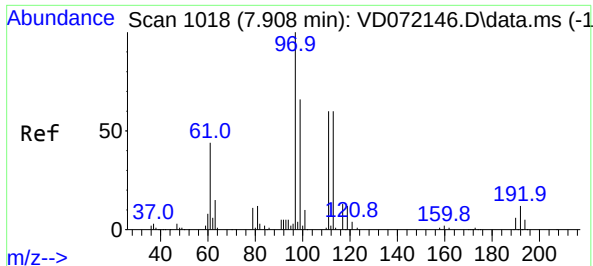
Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 16.0 0.0 33.2

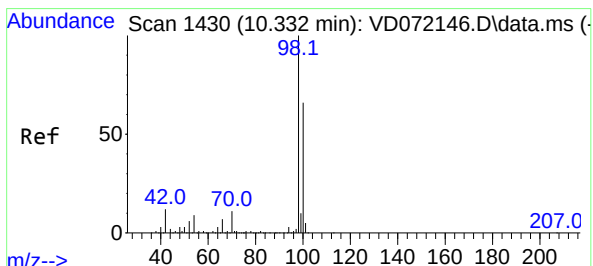
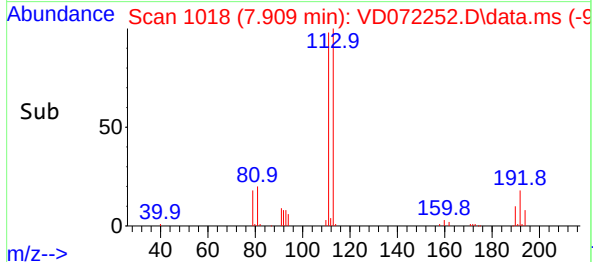
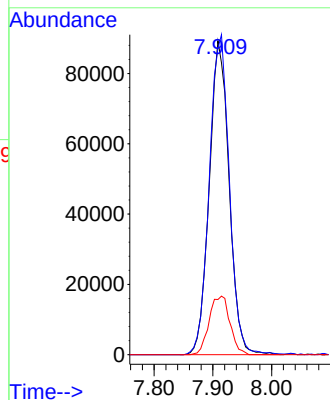
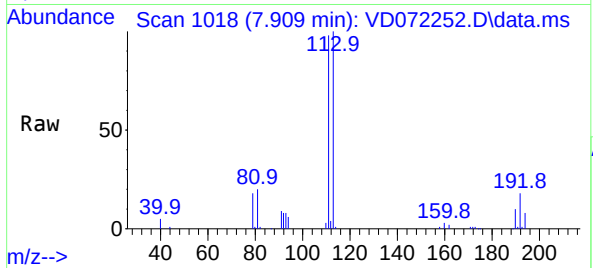




#35
Dibromofluoromethane
Concen: 43.856 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072252.D
Acq: 17 Mar 2022 18:55

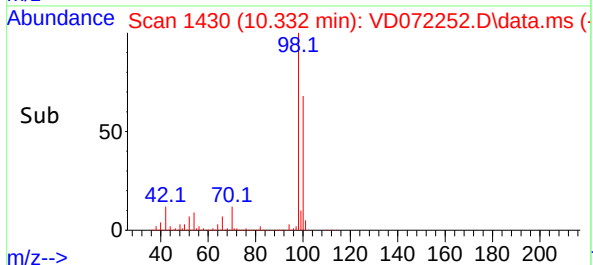
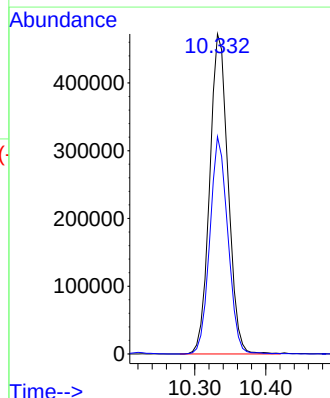
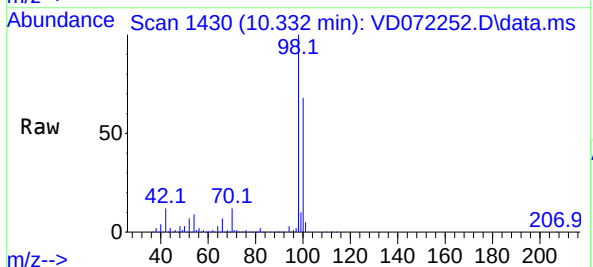
Instrument :
MSVOA_D
ClientSampleId :
TPK-4

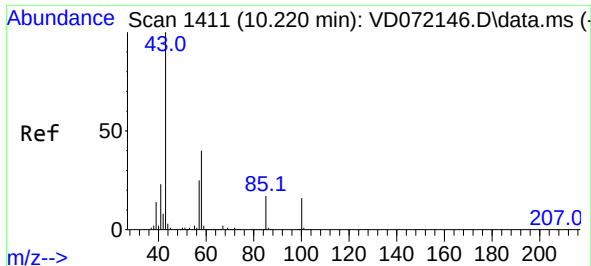
Tgt Ion:113 Resp: 209487
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 19.5 14.6 21.8



#50
Toluene-d8
Concen: 48.569 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072252.D
Acq: 17 Mar 2022 18:55

Tgt Ion: 98 Resp: 848315
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

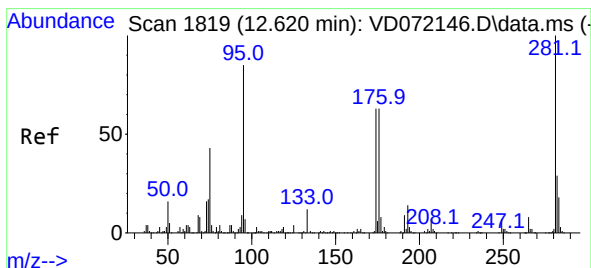
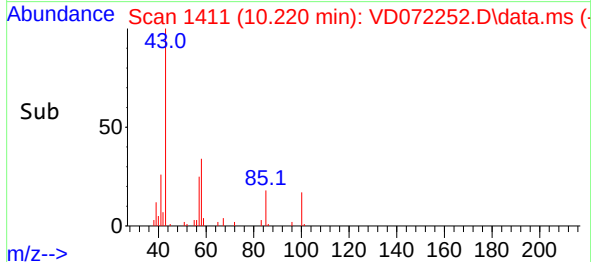
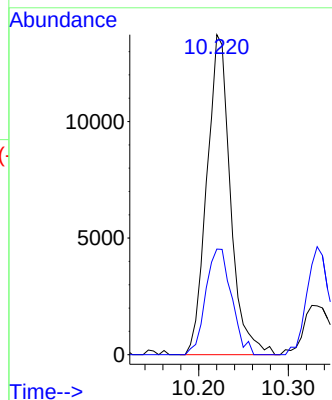
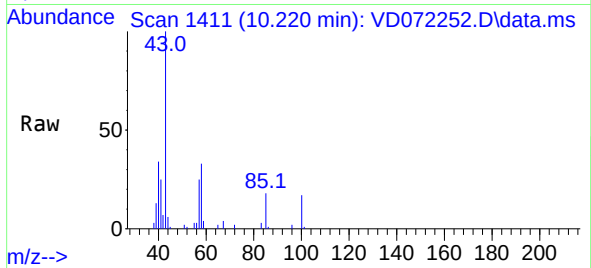




#51
4-Methyl-2-Pentanone
Concen: 8.366 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072252.D
Acq: 17 Mar 2022 18:55

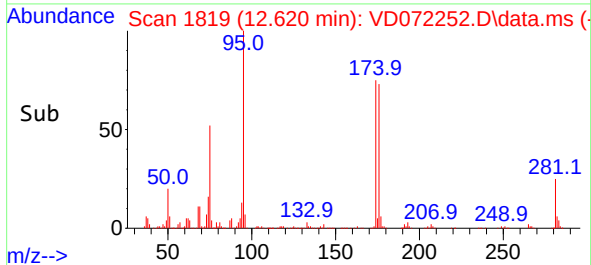
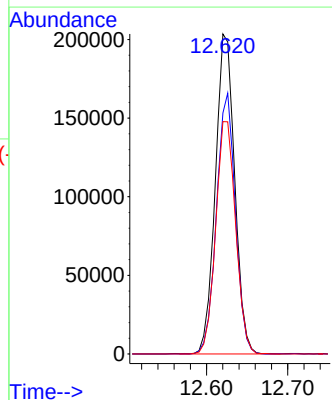
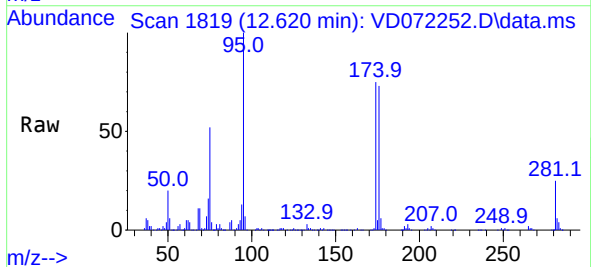
Instrument :
MSVOA_D
ClientSampleId :
TPK-4

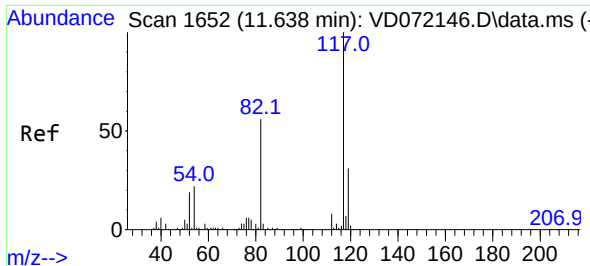
Tgt Ion: 43 Resp: 25034
Ion Ratio Lower Upper
43 100
58 36.1 28.6 43.0



#62
4-Bromofluorobenzene
Concen: 49.650 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072252.D
Acq: 17 Mar 2022 18:55

Tgt Ion: 95 Resp: 336952
Ion Ratio Lower Upper
95 100
174 79.6 0.0 152.8
176 74.9 0.0 145.4

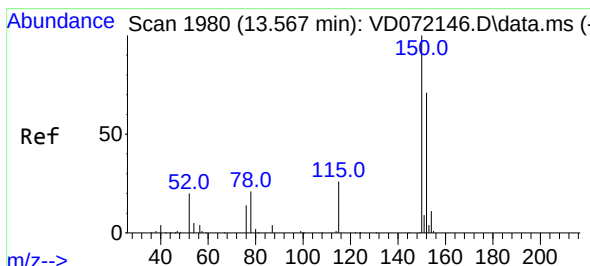
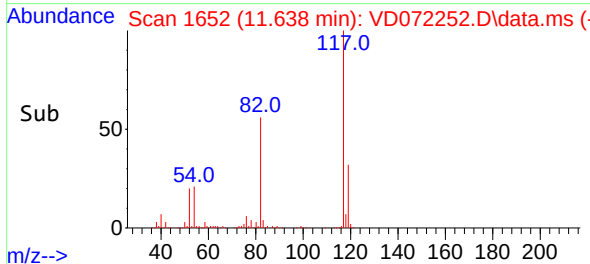
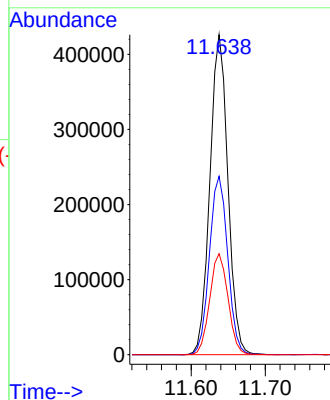
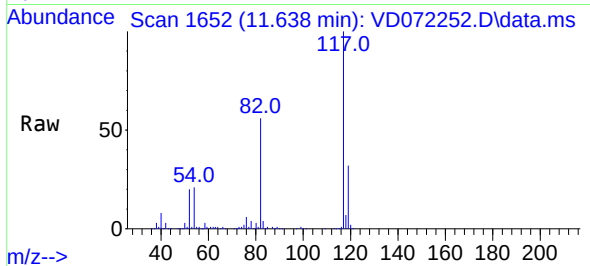




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072252.D
Acq: 17 Mar 2022 18:55

Instrument :
MSVOA_D
ClientSampleId :
TPK-4

Tgt Ion:117 Resp: 718932
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 31.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072252.D
Acq: 17 Mar 2022 18:55

Tgt Ion:152 Resp: 324595
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 158.9 0.0 348.6

