

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072251.D
 Acq On : 17 Mar 2022 18:26
 Operator : VA/SY
 Sample : N1956-03
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TPK-3

Quant Time: Mar 18 04:32:03 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)

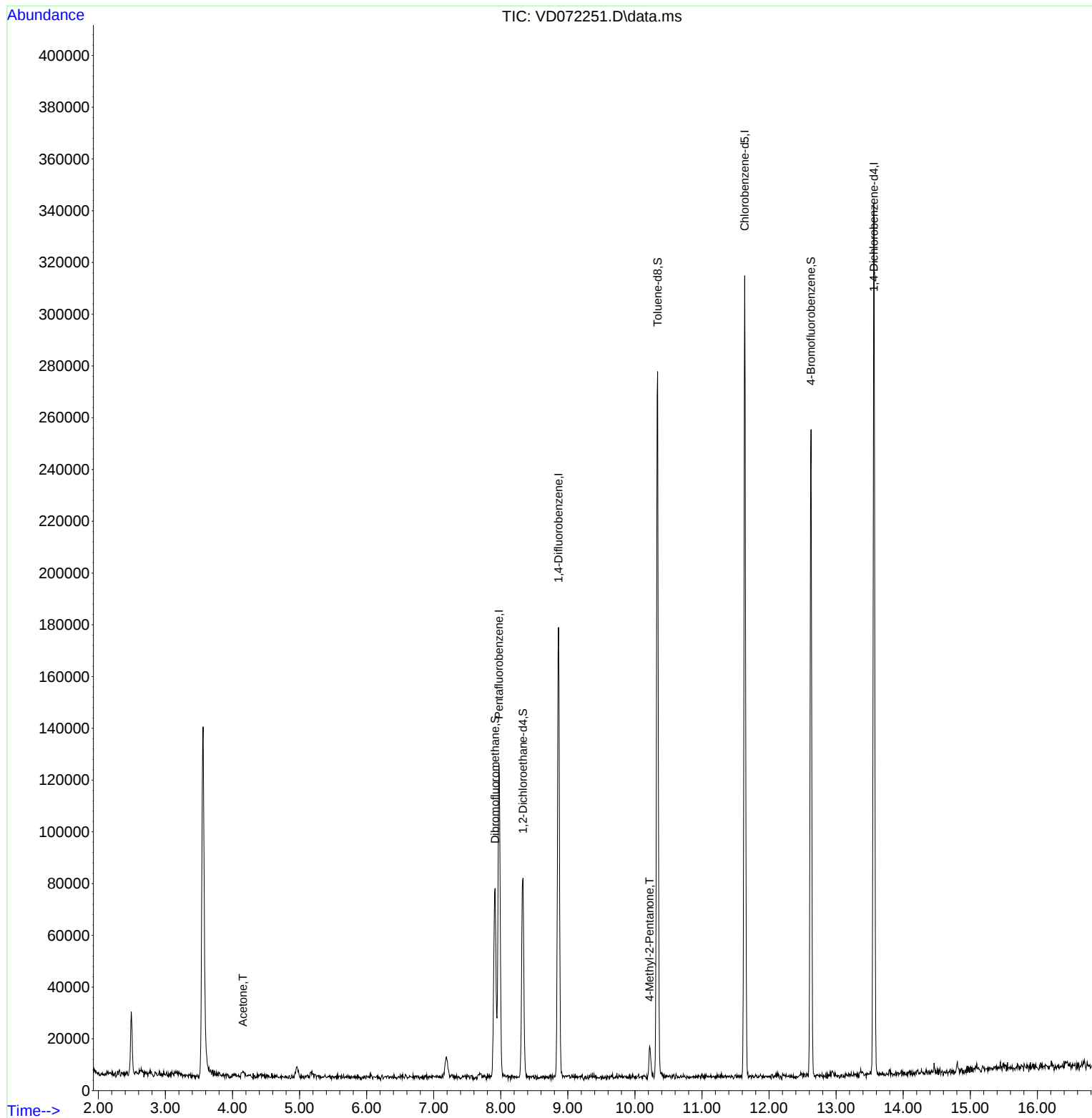
Internal Standards						
1) Pentafluorobenzene	7.973	168	90059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	145703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	174294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	89638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	61985	61.759	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.520%
35) Dibromofluoromethane	7.914	113	52813	51.509	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.020%
50) Toluene-d8	10.338	98	183844	49.037	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.626	95	83711	57.465	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.920%
Target Compounds						
						Qvalue
16) Acetone	4.156	43	4006	18.383	ug/l #	72
51) 4-Methyl-2-Pentanone	10.220	43	9160	14.261	ug/l	100

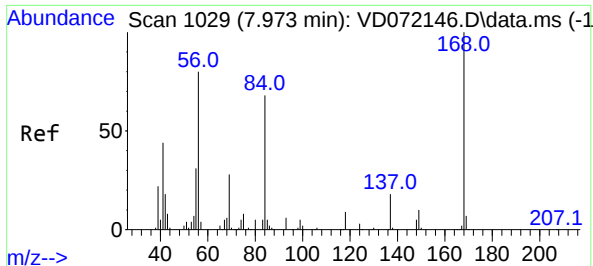
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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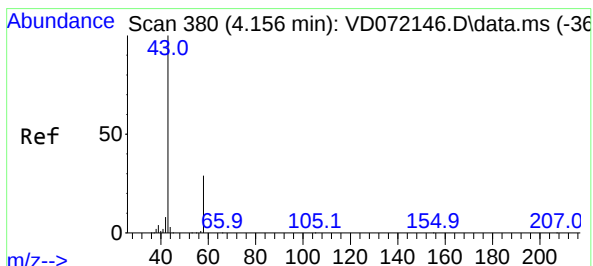
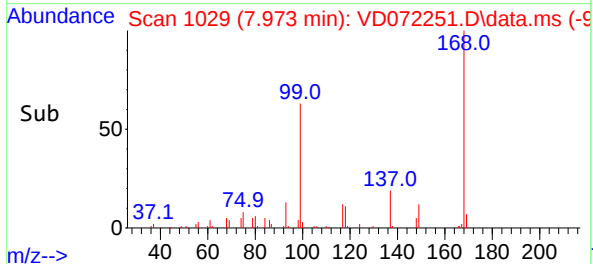
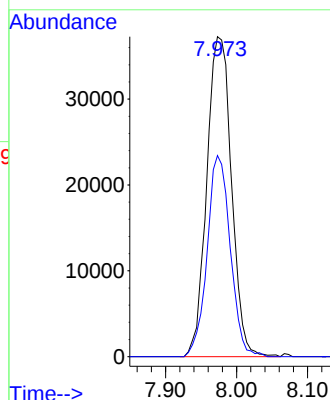
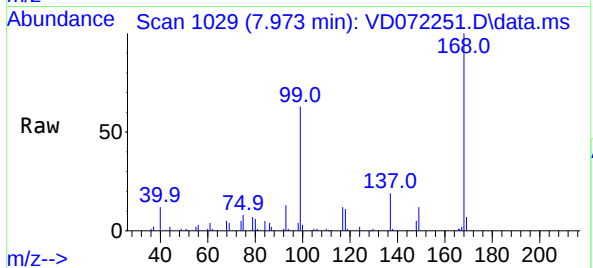




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072251.D
Acq: 17 Mar 2022 18:26

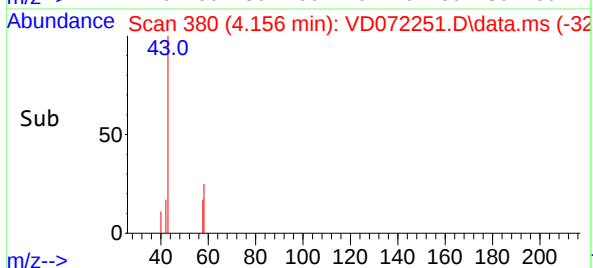
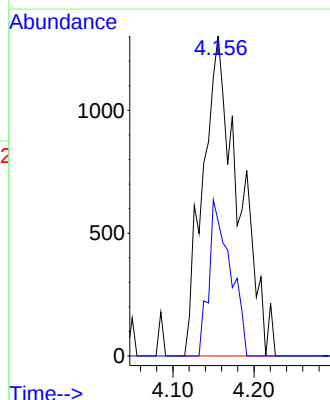
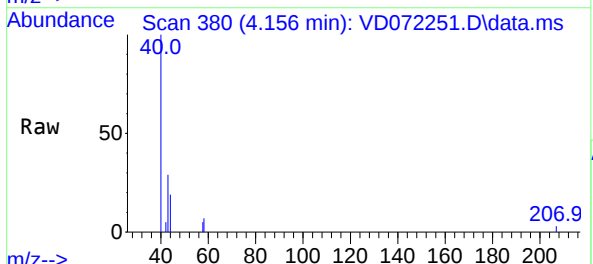
Instrument :
MSVOA_D
ClientSampleId :
TPK-3

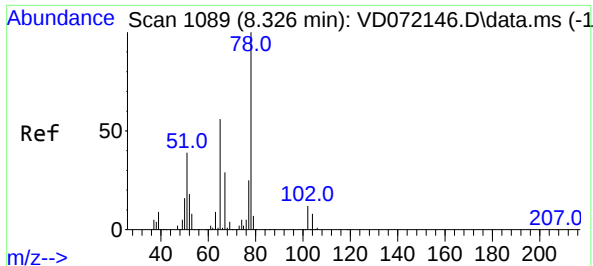
Tgt Ion:168 Resp: 90059
Ion Ratio Lower Upper
168 100
99 62.9 49.8 74.6



#16
Acetone
Concen: 18.383 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072251.D
Acq: 17 Mar 2022 18:26

Tgt Ion: 43 Resp: 4006
Ion Ratio Lower Upper
43 100
58 42.1 22.1 33.1#

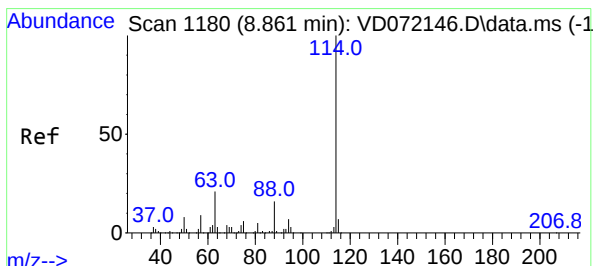
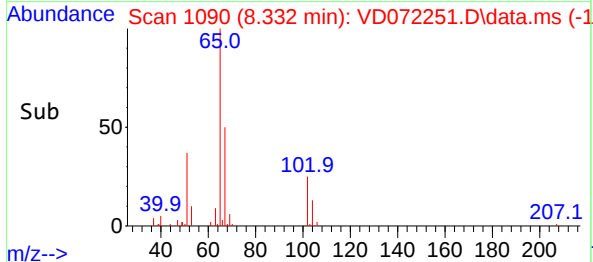
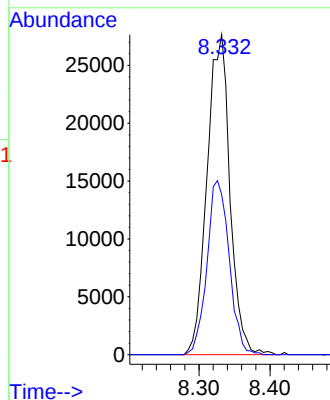
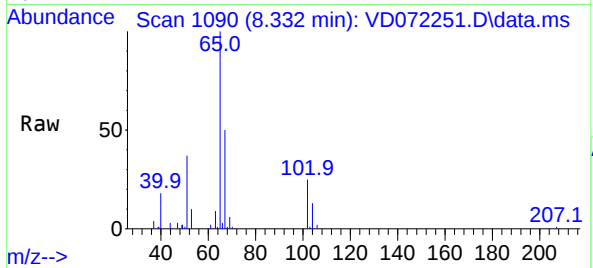




#33
1,2-Dichloroethane-d4
Concen: 61.759 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD072251.D
Acq: 17 Mar 2022 18:26

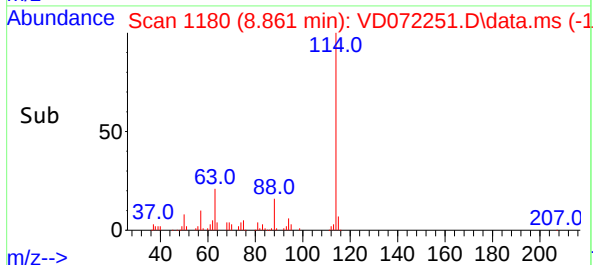
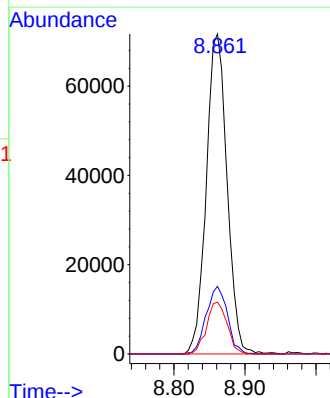
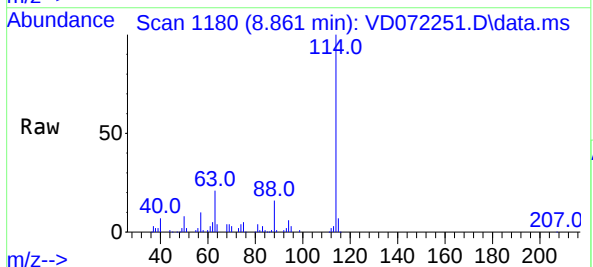
Instrument :
MSVOA_D
ClientSampleId :
TPK-3

Tgt Ion: 65 Resp: 61985
Ion Ratio Lower Upper
65 100
67 52.7 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: VD072251.D
Acq: 17 Mar 2022 18:26

Tgt Ion: 114 Resp: 145703
Ion Ratio Lower Upper
114 100
63 21.2 0.0 46.6
88 16.2 0.0 33.2

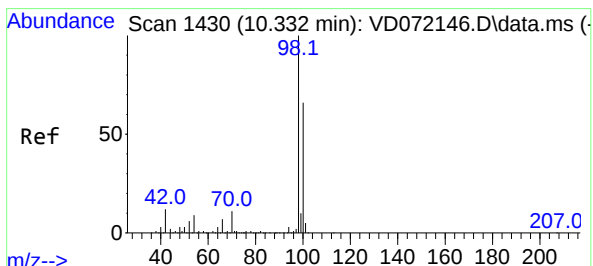
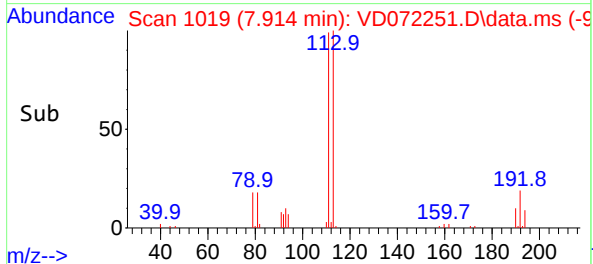
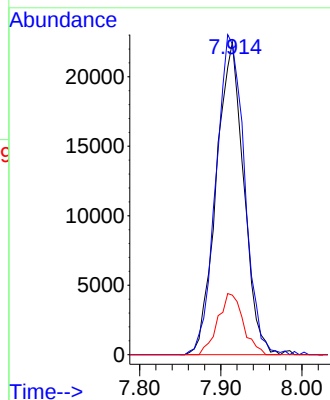
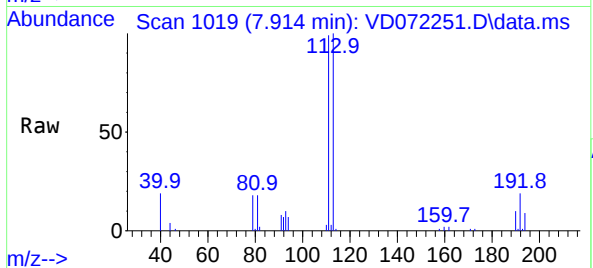




#35
Dibromofluoromethane
Concen: 51.509 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072251.D
Acq: 17 Mar 2022 18:26

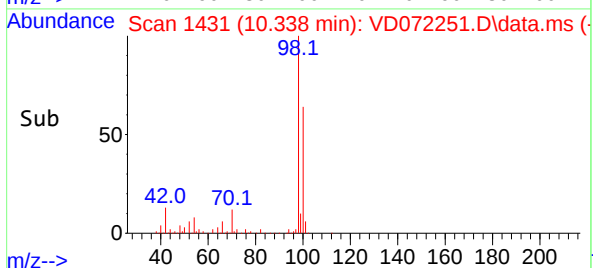
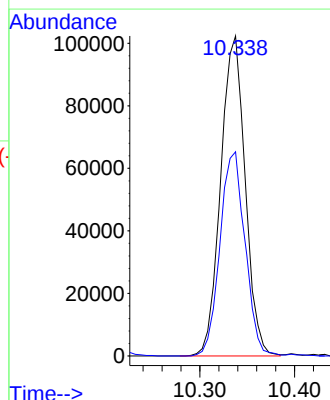
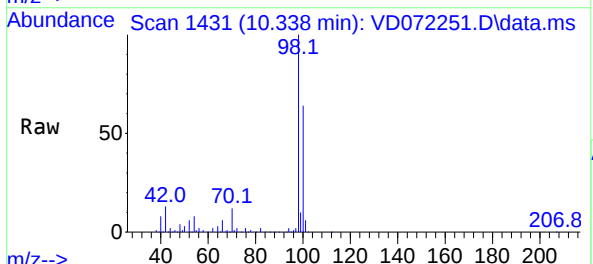
Instrument :
MSVOA_D
ClientSampleId :
TPK-3

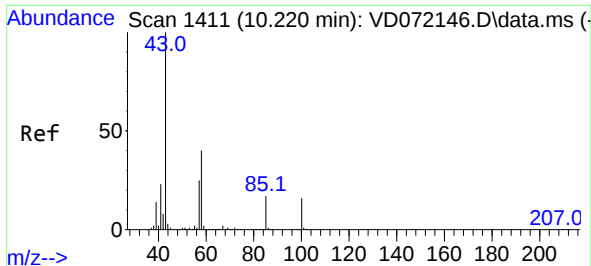
Tgt Ion:113 Resp: 52813
Ion Ratio Lower Upper
113 100
111 106.2 83.8 125.6
192 18.1 14.6 21.8



#50
Toluene-d8
Concen: 49.037 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072251.D
Acq: 17 Mar 2022 18:26

Tgt Ion: 98 Resp: 183844
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

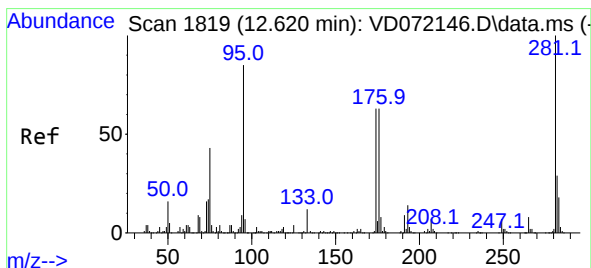
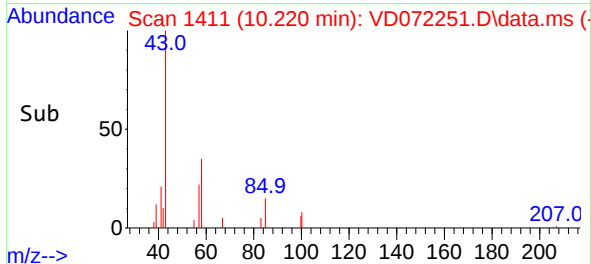
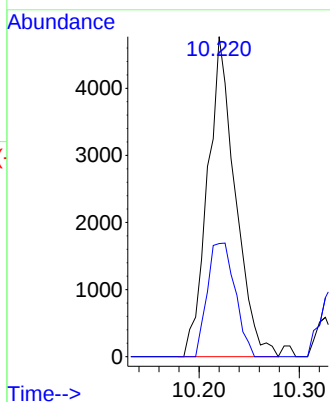
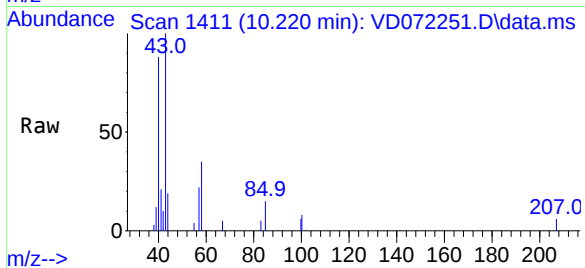




#51
4-Methyl-2-Pentanone
Concen: 14.261 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072251.D
Acq: 17 Mar 2022 18:26

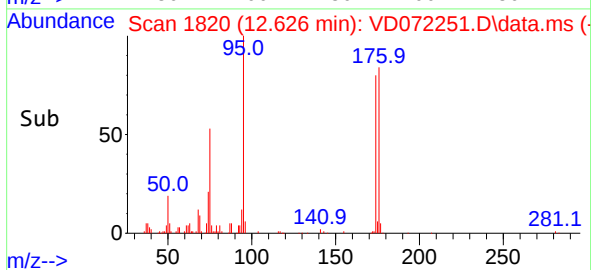
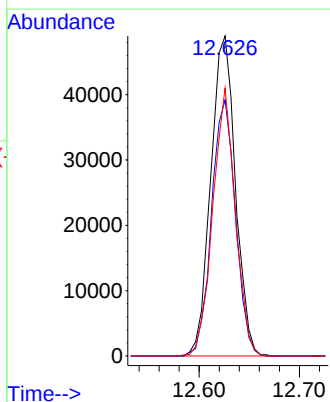
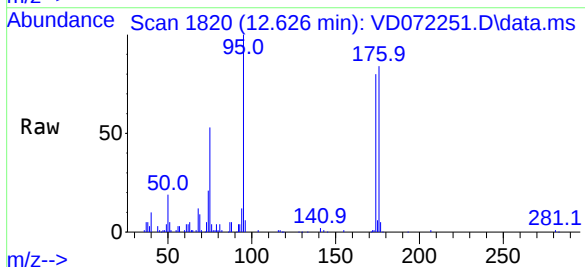
Instrument :
MSVOA_D
ClientSampleId :
TPK-3

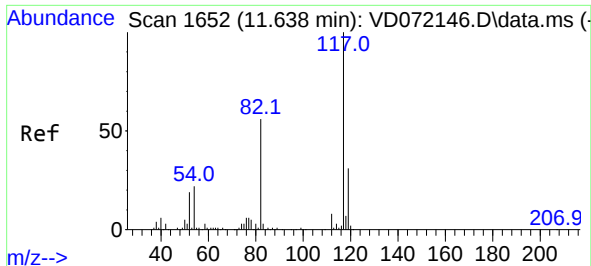
Tgt Ion: 43 Resp: 9160
Ion Ratio Lower Upper
43 100
58 35.5 28.6 43.0



#62
4-Bromofluorobenzene
Concen: 57.465 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072251.D
Acq: 17 Mar 2022 18:26

Tgt Ion: 95 Resp: 83711
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 76.2 0.0 145.4

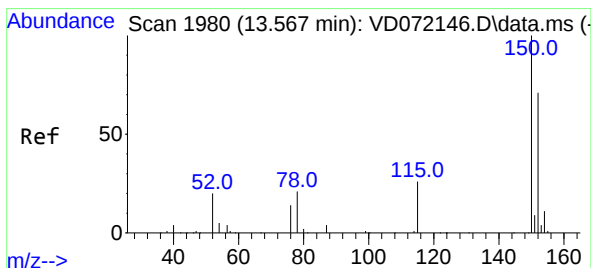
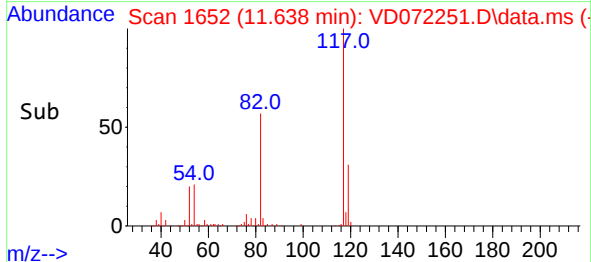
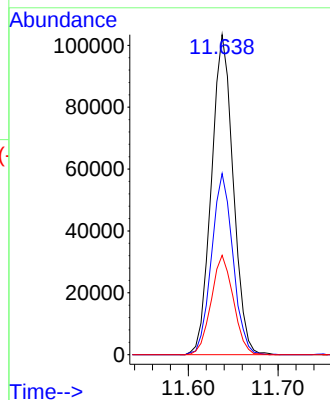
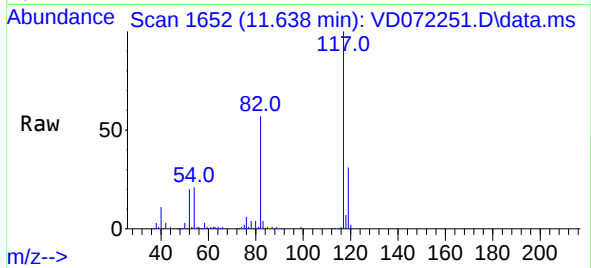




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072251.D
Acq: 17 Mar 2022 18:26

Instrument :
MSVOA_D
ClientSampleId :
TPK-3

Tgt Ion:117 Resp: 174294
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 31.1 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: VD072251.D
Acq: 17 Mar 2022 18:26

Tgt Ion:152 Resp: 89638
Ion Ratio Lower Upper
152 100
115 59.4 31.3 93.8
150 155.7 0.0 348.6

