

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073015.D
 Acq On : 14 May 2022 04:21
 Operator : VA/SY
 Sample : N2823-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-1

Quant Time: May 16 05:20:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

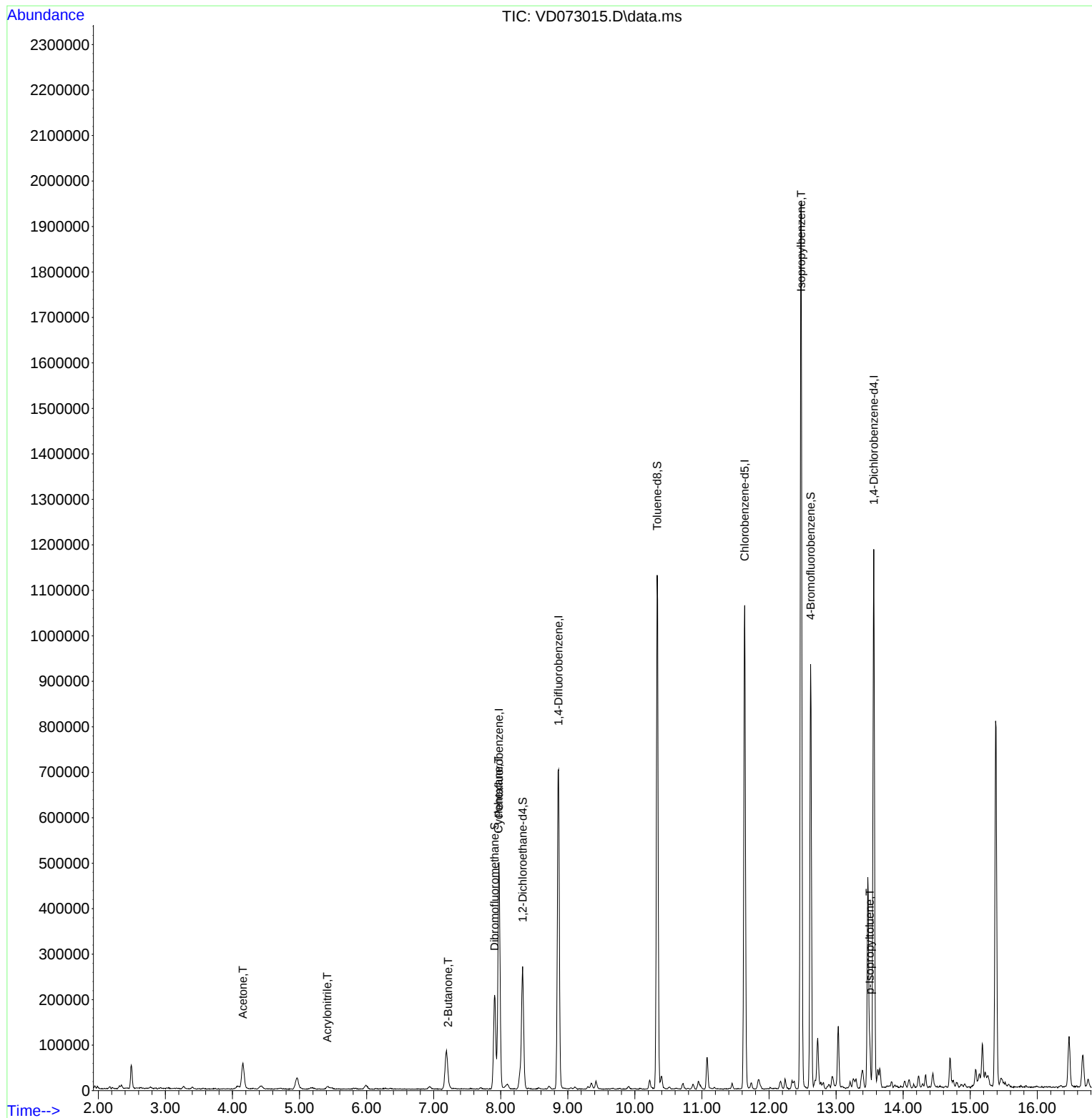
Internal Standards						
1) Pentafluorobenzene	7.973	168	354301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	621415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	619897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	307218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	204106	44.380	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.760%
35) Dibromofluoromethane	7.909	113	147212	33.731	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.460%
50) Toluene-d8	10.332	98	754894	48.220	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.440%
62) 4-Bromofluorobenzene	12.620	95	307781	52.726	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.460%
Target Compounds						
					Qvalue	
15) Acrylonitrile	5.415	53	6790	6.229	ug/l	93
16) Acetone	4.156	43	100263	108.587	ug/l	92
25) 2-Butanone	7.215	43	14690	10.962	ug/l	99
31) Cyclohexane	7.967	56	12043	1.498	ug/l #	28
73) Isopropylbenzene	12.479	105	90781	3.798	ug/l #	70
86) p-Isopropyltoluene	13.502	119	57119	2.681	ug/l #	72

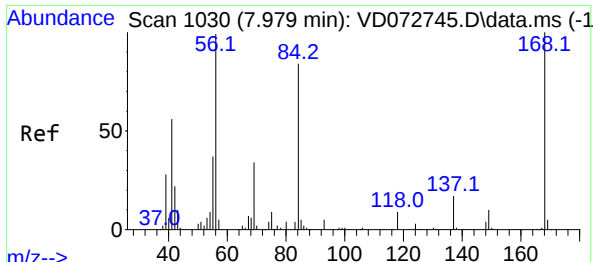
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD073015.D

Acq: 14 May 2022 04:21

Instrument :

MSVOA_D

ClientSampleId :

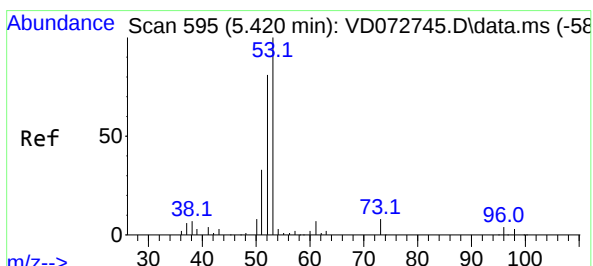
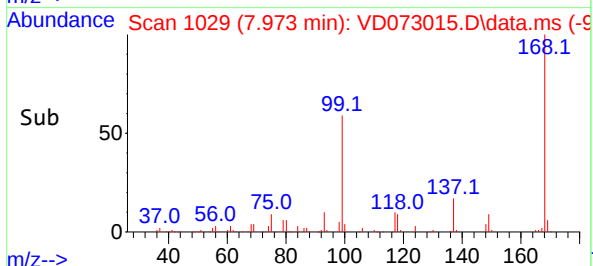
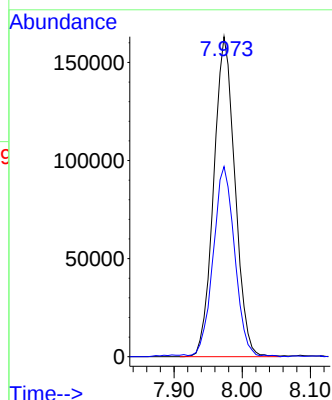
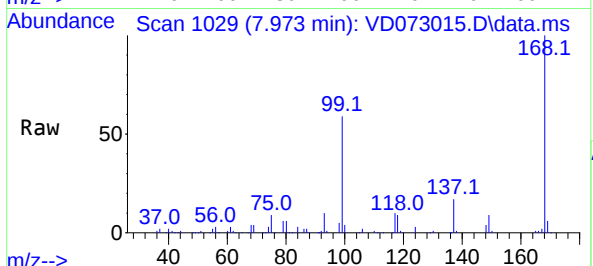
SC-1

Tgt Ion:168 Resp: 354301

Ion Ratio Lower Upper

168 100

99 59.4 49.8 74.6



#15

Acrylonitrile

Concen: 6.229 ug/l

RT: 5.415 min Scan# 594

Delta R.T. -0.005 min

Lab File: VD073015.D

Acq: 14 May 2022 04:21

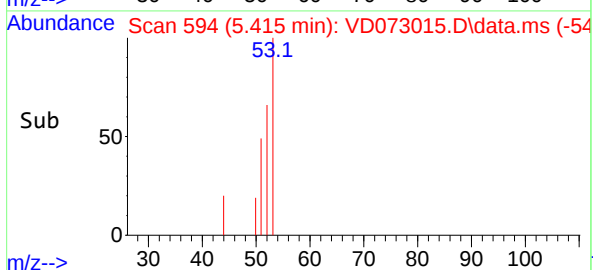
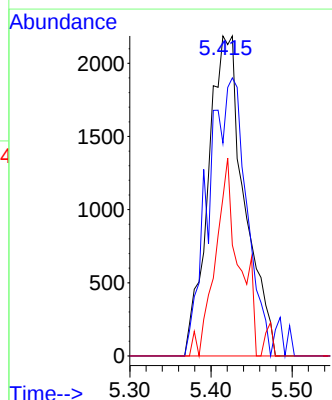
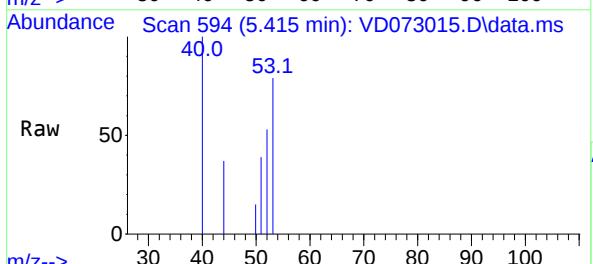
Tgt Ion: 53 Resp: 6790

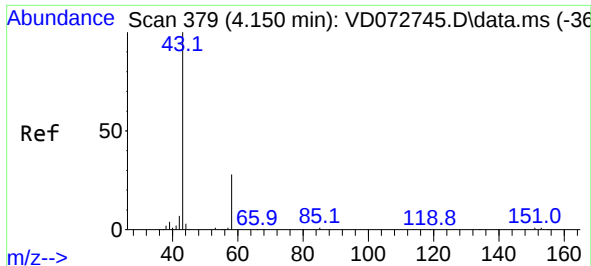
Ion Ratio Lower Upper

53 100

52 91.7 67.2 100.8

51 40.3 30.3 45.5

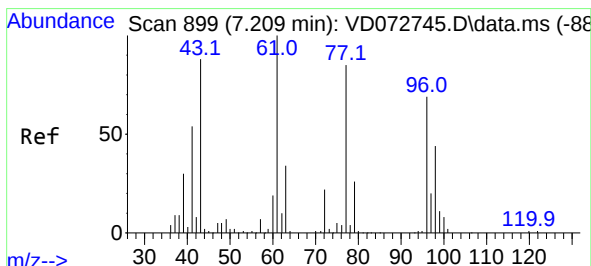
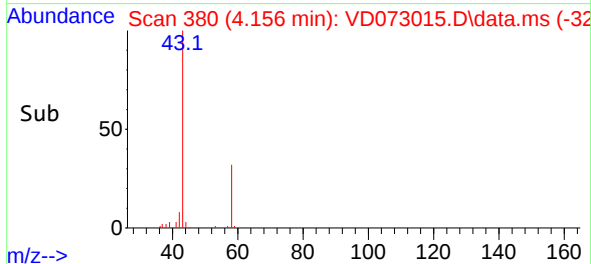
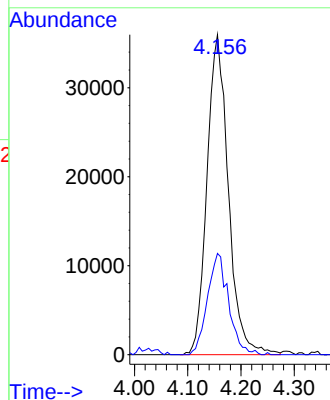
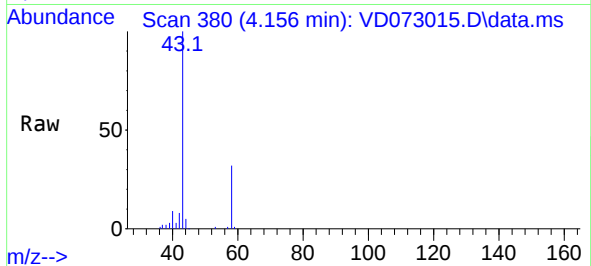




#16
Acetone
Concen: 108.587 ug/l
RT: 4.156 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073015.D
Acq: 14 May 2022 04:21

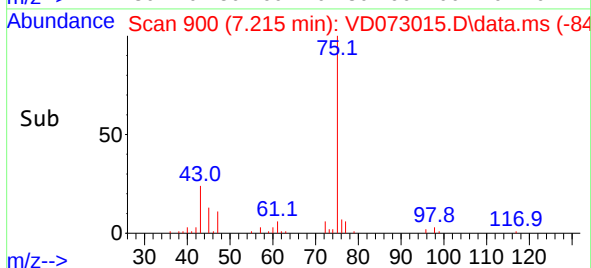
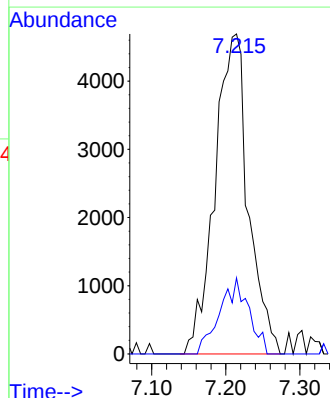
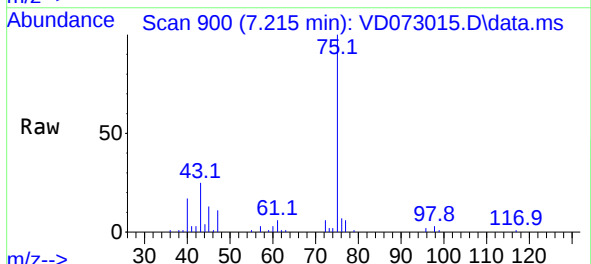
Instrument :
MSVOA_D
ClientSampleId :
SC-1

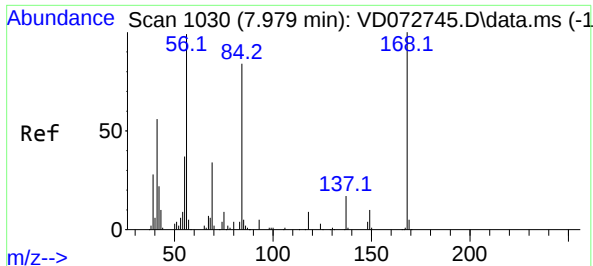
Tgt Ion: 43 Resp: 100263
Ion Ratio Lower Upper
43 100
58 31.7 22.1 33.1



#25
2-Butanone
Concen: 10.962 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD073015.D
Acq: 14 May 2022 04:21

Tgt Ion: 43 Resp: 14690
Ion Ratio Lower Upper
43 100
72 23.7 18.6 27.8





#31

Cyclohexane

Concen: 1.498 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD073015.D

Acq: 14 May 2022 04:21

Instrument :

MSVOA_D

ClientSampleId :

SC-1

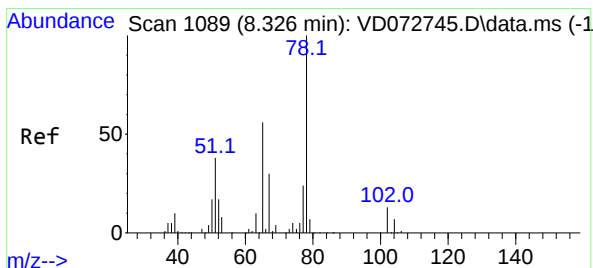
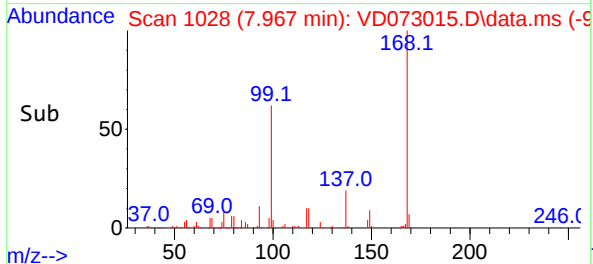
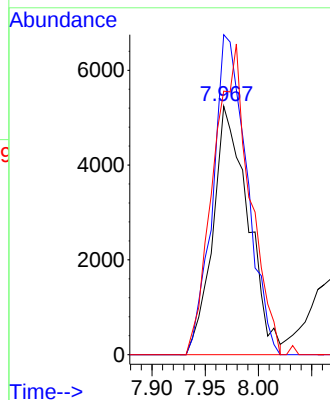
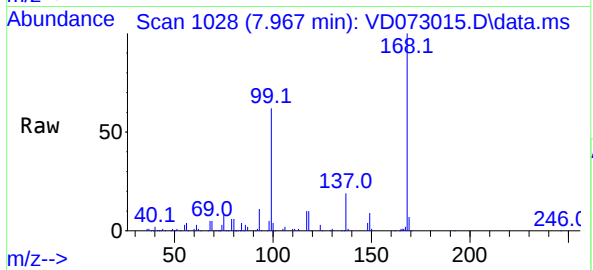
Tgt Ion: 56 Resp: 12043

Ion Ratio Lower Upper

56 100

69 128.8 25.4 38.2#

84 106.0 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 44.380 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073015.D

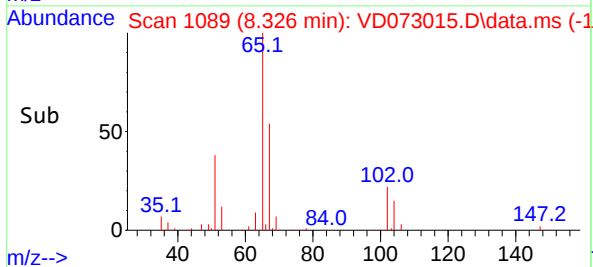
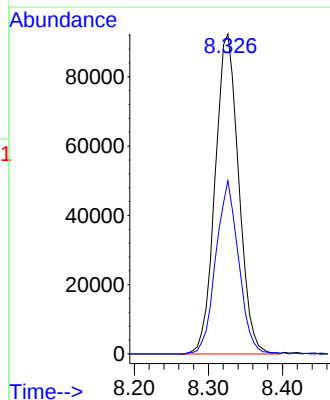
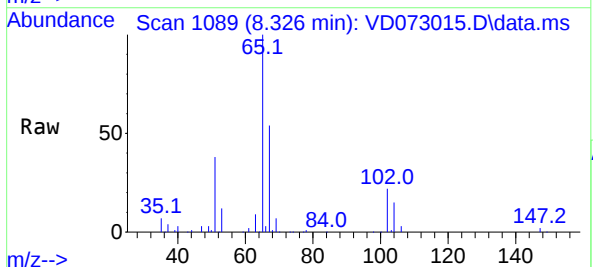
Acq: 14 May 2022 04:21

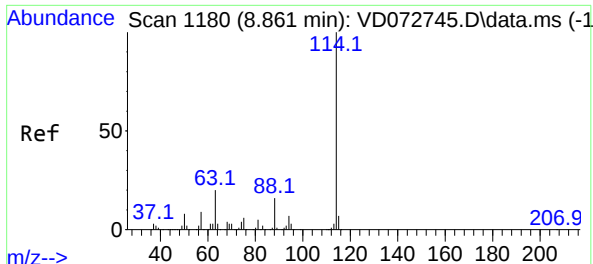
Tgt Ion: 65 Resp: 204106

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.4



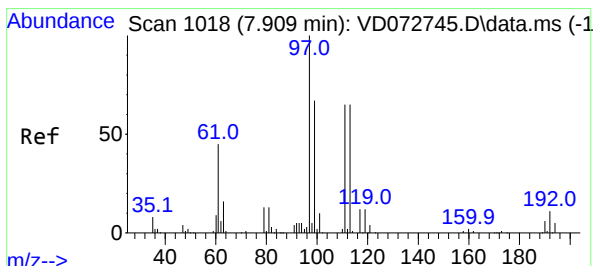
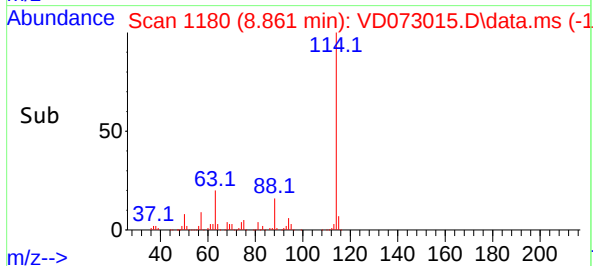
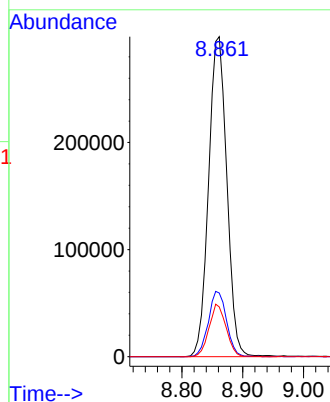
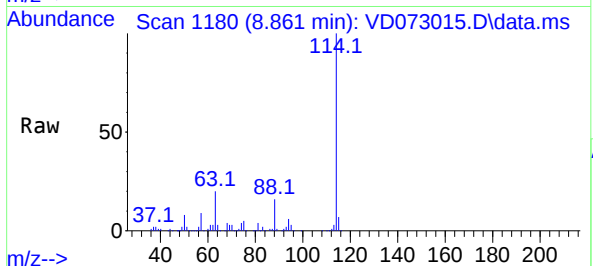


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073015.D
Acq: 14 May 2022 04:21

Instrument :
MSVOA_D
ClientSampleId :
SC-1

Tgt Ion:114 Resp: 621415

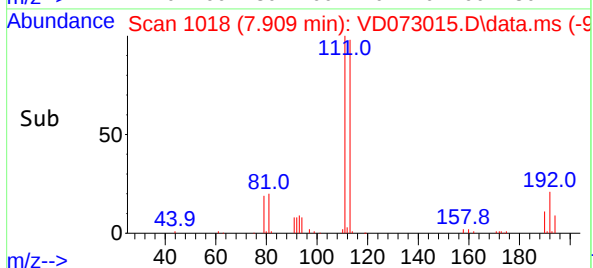
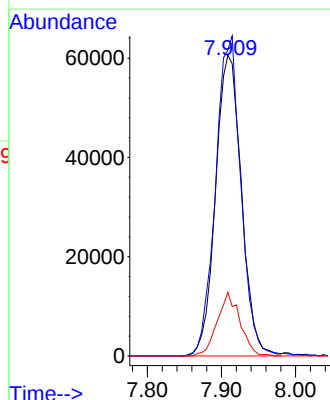
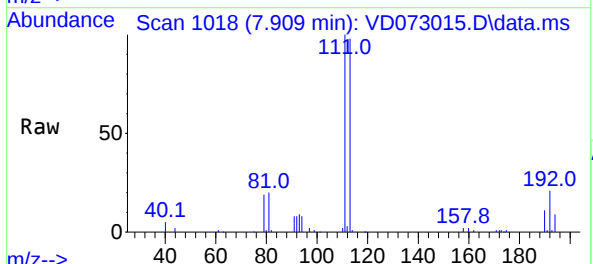
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	46.6
88	15.5	0.0	33.2

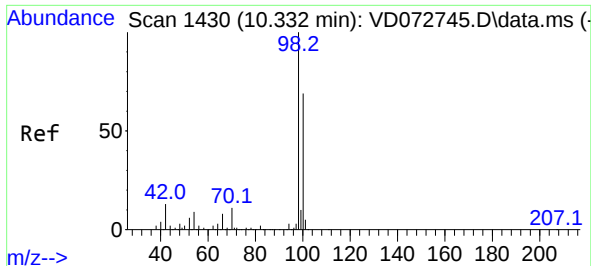


#35
Dibromofluoromethane
Concen: 33.731 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073015.D
Acq: 14 May 2022 04:21

Tgt Ion:113 Resp: 147212

Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.8	125.6
192	18.6	14.6	21.8

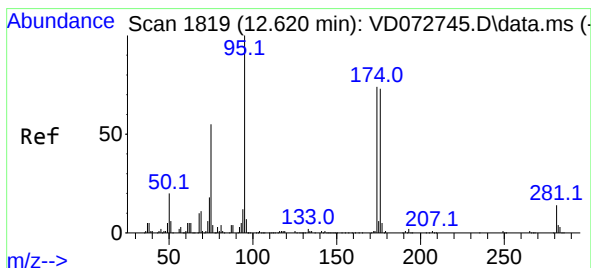
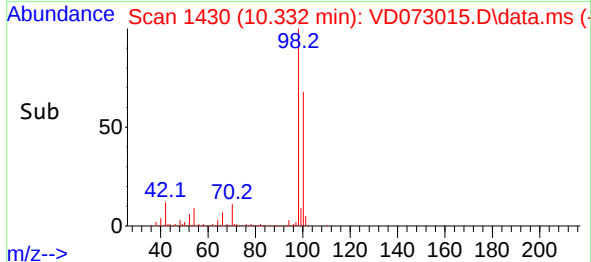
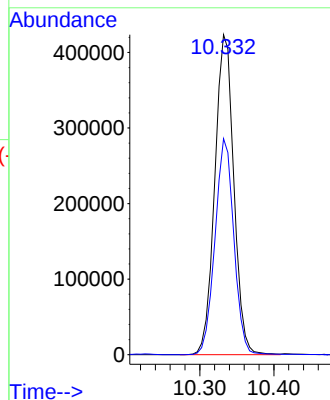
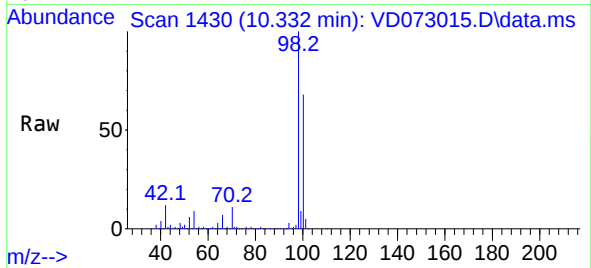




#50
Toluene-d8
Concen: 48.220 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073015.D
Acq: 14 May 2022 04:21

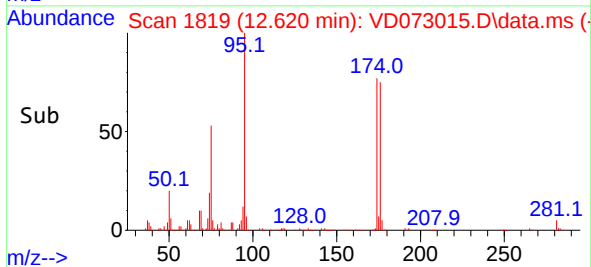
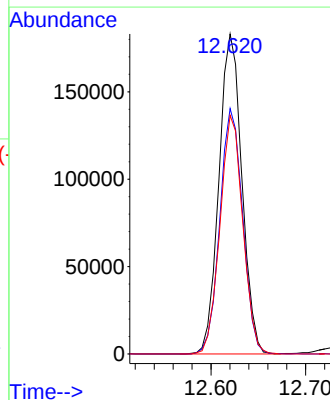
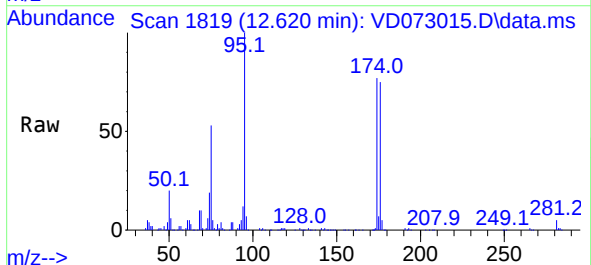
Instrument :
MSVOA_D
ClientSampleId :
SC-1

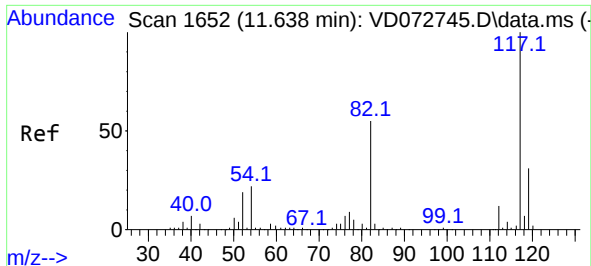
Tgt Ion: 98 Resp: 754894
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.726 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073015.D
Acq: 14 May 2022 04:21

Tgt Ion: 95 Resp: 307781
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.8
176 74.0 0.0 145.4

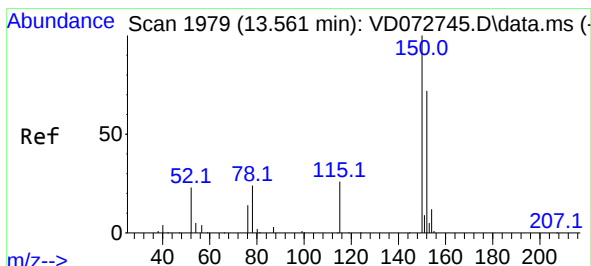
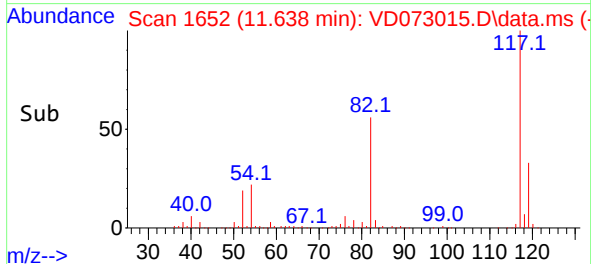
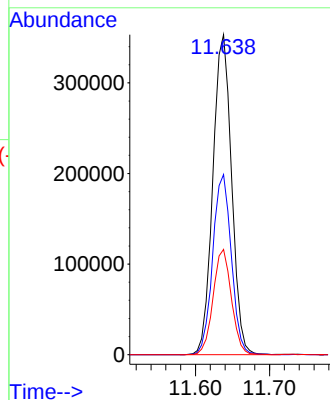
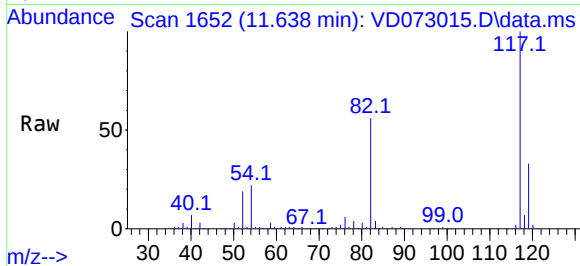




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073015.D
Acq: 14 May 2022 04:21

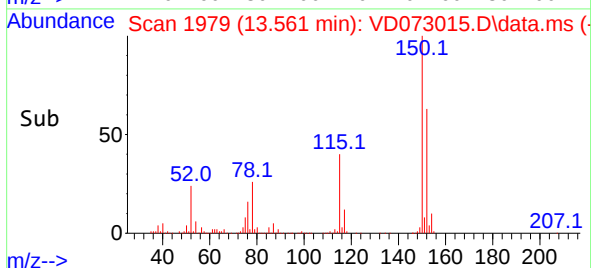
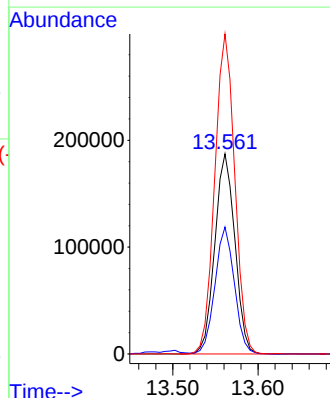
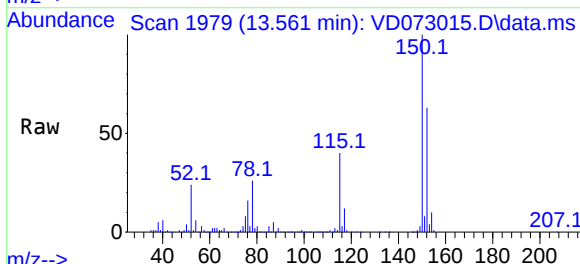
Instrument :
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SC-1

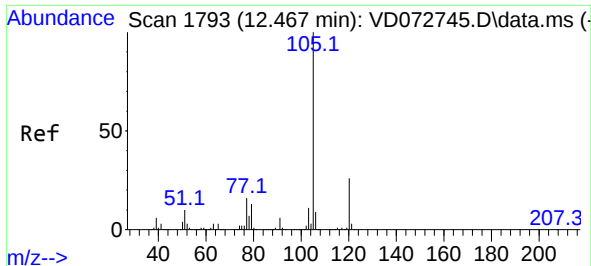
Tgt Ion:117 Resp: 619897
Ion Ratio Lower Upper
117 100
82 56.3 45.3 67.9
119 32.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073015.D
Acq: 14 May 2022 04:21

Tgt Ion:152 Resp: 307218
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 159.2 0.0 348.6

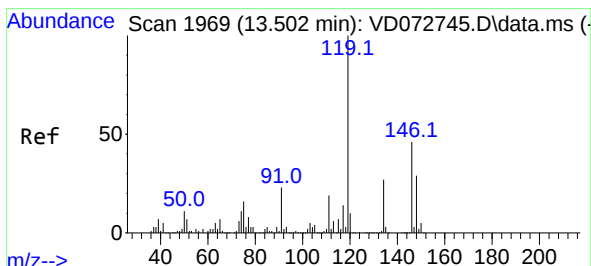
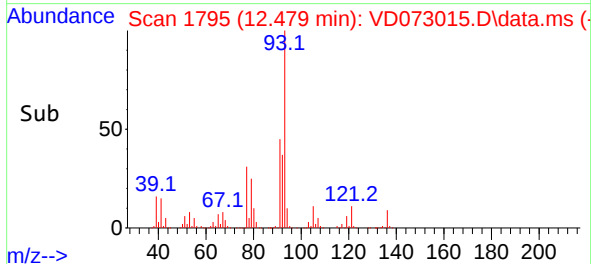
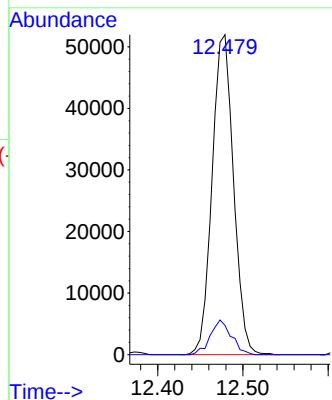
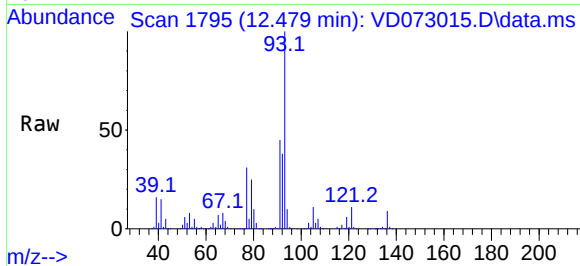




#73
Isopropylbenzene
Concen: 3.798 ug/l
RT: 12.479 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD073015.D
Acq: 14 May 2022 04:21

Instrument :
MSVOA_D
ClientSampleId :
SC-1

Tgt Ion:105 Resp: 90781
Ion Ratio Lower Upper
105 100
120 10.7 13.0 38.9#



#86
p-Isopropyltoluene
Concen: 2.681 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073015.D
Acq: 14 May 2022 04:21

Tgt Ion:119 Resp: 57119
Ion Ratio Lower Upper
119 100
134 29.8 12.9 38.6
91 0.0 12.1 36.3#

