

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075641.D
 Acq On : 12 Apr 2023 15:48
 Operator : KP/SY
 Sample : 02260-11RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1D

Quant Time: Apr 13 07:28:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

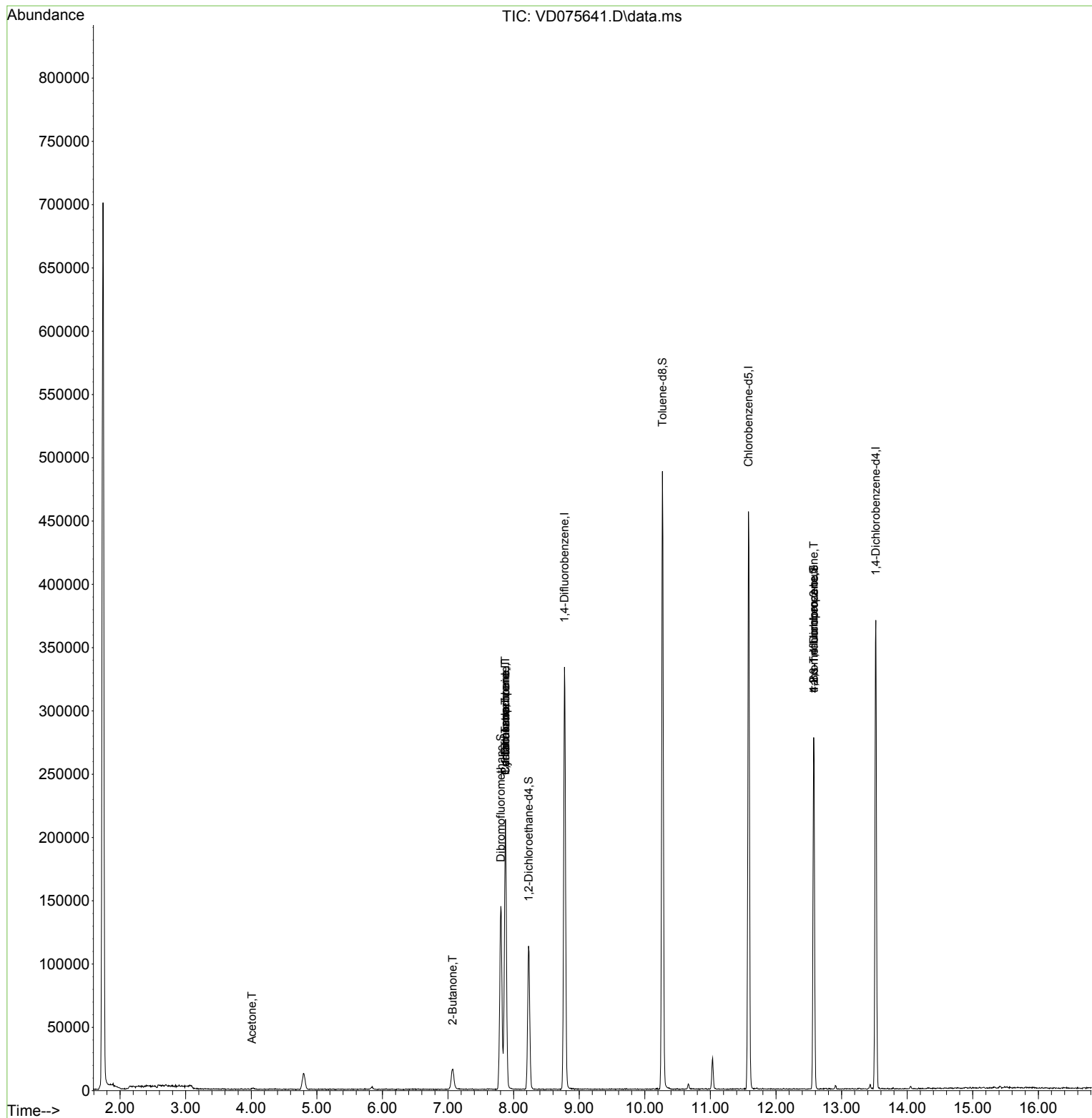
Internal Standards						
1) Pentafluorobenzene	7.875	168	168981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	318707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	283431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	106539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85969	62.016	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.040%	
35) Dibromofluoromethane	7.805	113	107488	57.548	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.100%	
50) Toluene-d8	10.269	98	361706	49.371	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.740%	
62) 4-Bromofluorobenzene	12.575	95	88275	40.957	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.920%	
Target Compounds						
					Qvalue	
16) Acetone	4.011	43	1737	6.877	ug/l	94
20) Methylene Chloride	4.805	84	11363	Below Cal	#	64
25) 2-Butanone	7.069	43	494	1.507	ug/l #	50
31) Cyclohexane	7.875	56	3182	1.578	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	12225	5.125	ug/l #	50
38) Carbon Tetrachloride	7.875	117	15665	6.848	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	44225	63.850	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	44225	121.563	ug/l #	5

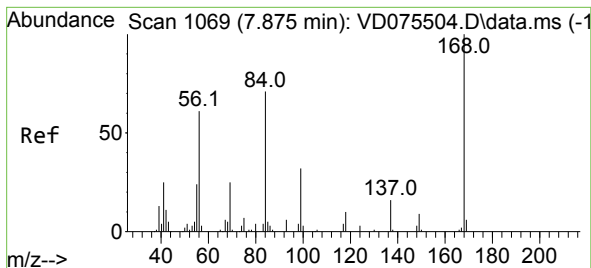
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 12 10:29:09 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD075641.D

Acq: 12 Apr 2023 15:48

Instrument :

MSVOA_D

ClientSampleId :

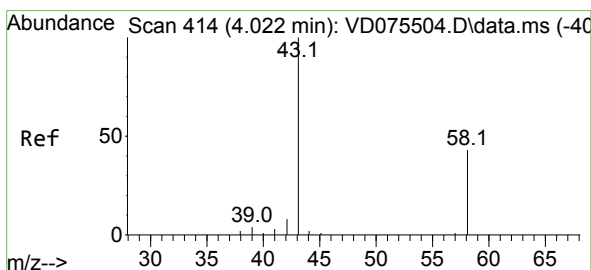
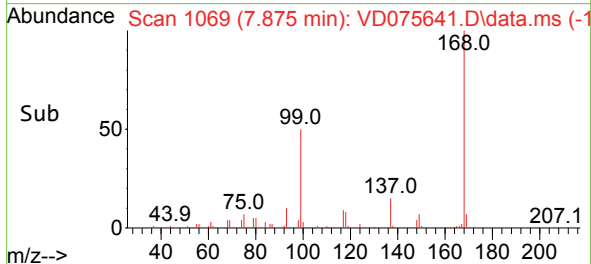
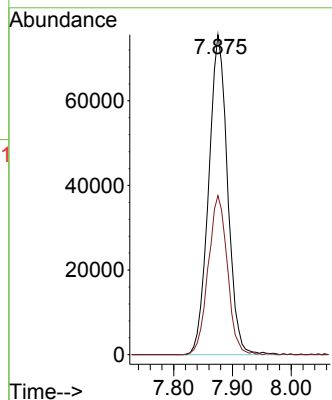
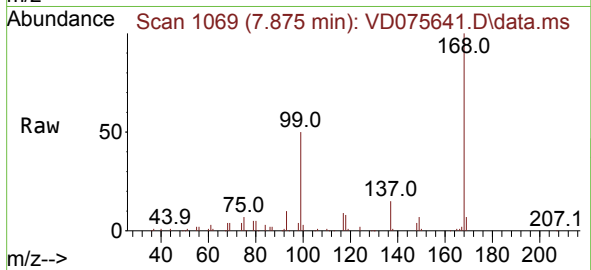
SP-1D

Tgt Ion:168 Resp: 168981

Ion Ratio Lower Upper

168 100

99 49.7 43.8 65.6



#16

Acetone

Concen: 6.877 ug/l

RT: 4.011 min Scan# 412

Delta R.T. -0.011 min

Lab File: VD075641.D

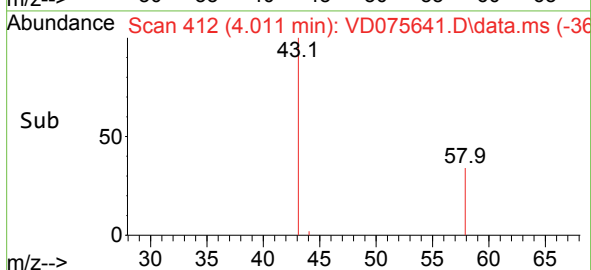
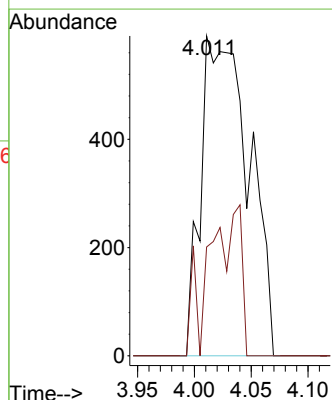
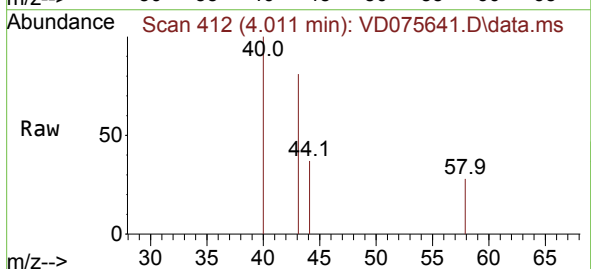
Acq: 12 Apr 2023 15:48

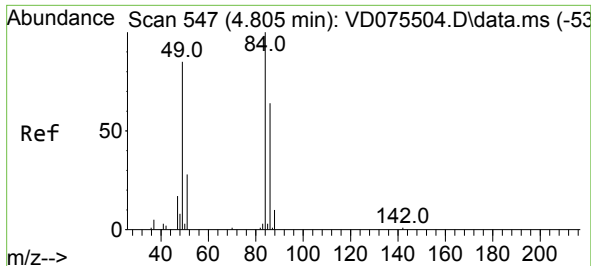
Tgt Ion: 43 Resp: 1737

Ion Ratio Lower Upper

43 100

58 34.0 24.4 36.6

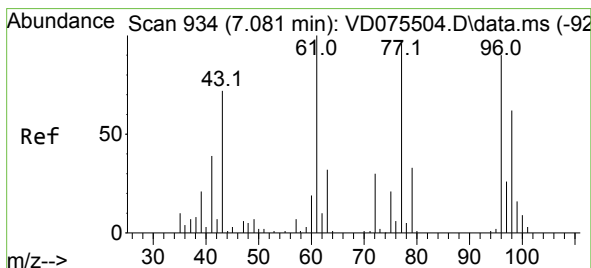
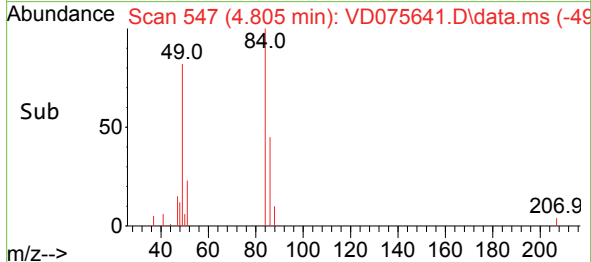
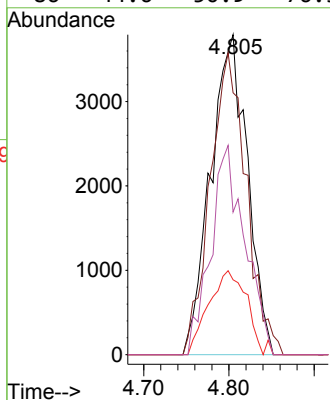
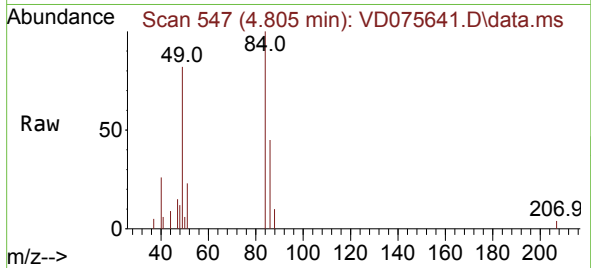




#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD075641.D
Acq: 12 Apr 2023 15:48

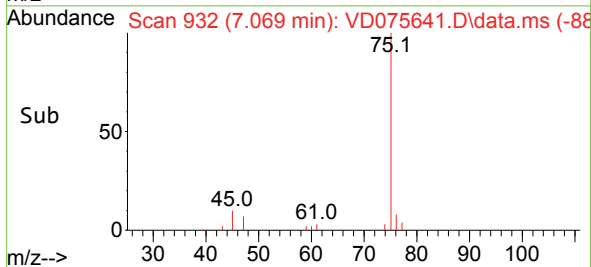
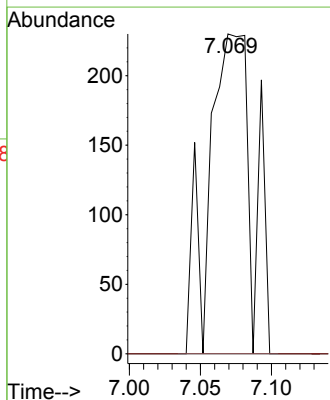
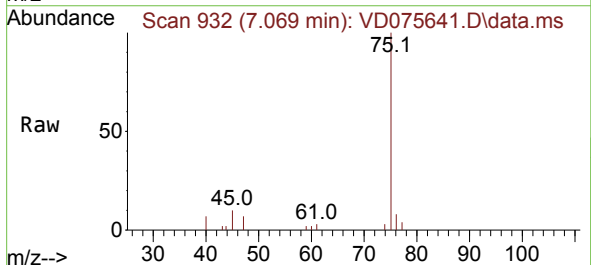
Instrument :
MSVOA_D
ClientSampleId :
SP-1D

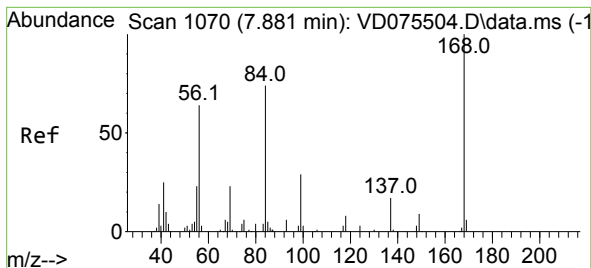
Tgt Ion:	84	Resp:	11363
Ion	Ratio	Lower	Upper
84	100		
49	81.9	106.4	159.6#
51	23.4	32.4	48.6#
86	44.6	50.9	76.3#



#25
2-Butanone
Concen: 1.507 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD075641.D
Acq: 12 Apr 2023 15:48

Tgt Ion:	43	Resp:	494
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.8#





#31

Cyclohexane

Concen: 1.578 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075641.D

Acq: 12 Apr 2023 15:48

Instrument :

MSVOA_D

ClientSampleId :

SP-1D

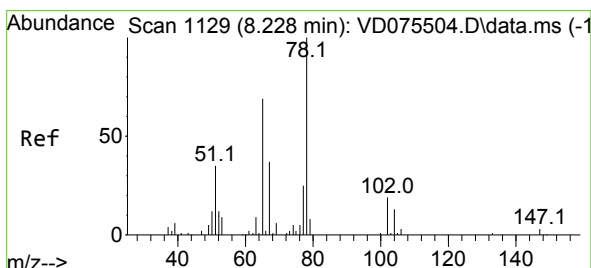
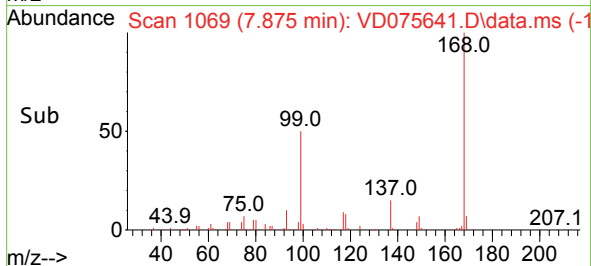
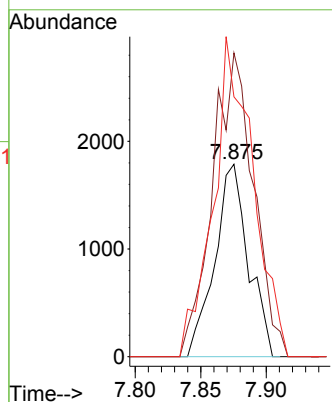
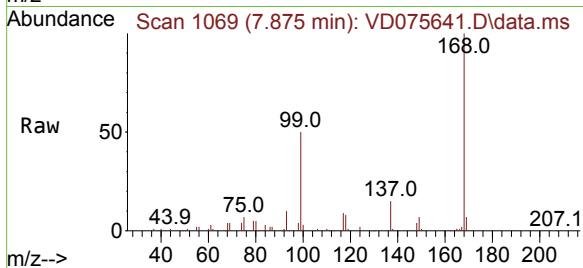
Tgt Ion: 56 Resp: 3182

Ion Ratio Lower Upper

56 100

69 157.8 25.5 38.3#

84 135.0 69.6 104.4#



#33

1,2-Dichloroethane-d4

Concen: 62.016 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD075641.D

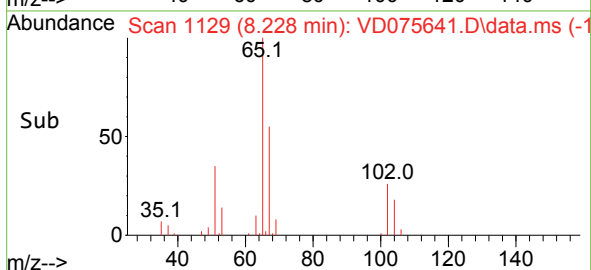
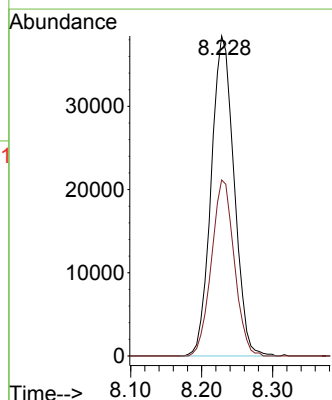
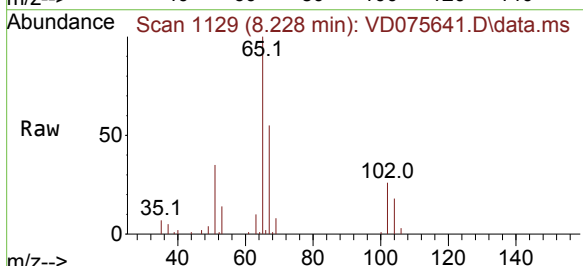
Acq: 12 Apr 2023 15:48

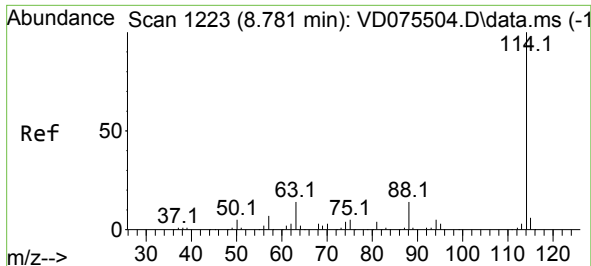
Tgt Ion: 65 Resp: 85969

Ion Ratio Lower Upper

65 100

67 54.9 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075641.D

Acq: 12 Apr 2023 15:48

Instrument :

MSVOA_D

ClientSampleId :

SP-1D

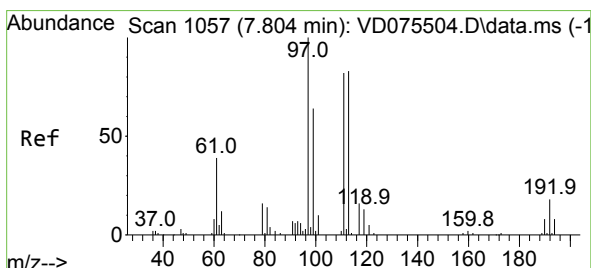
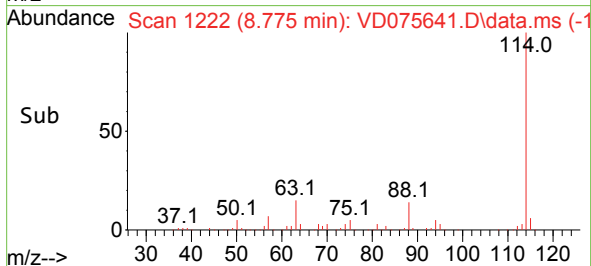
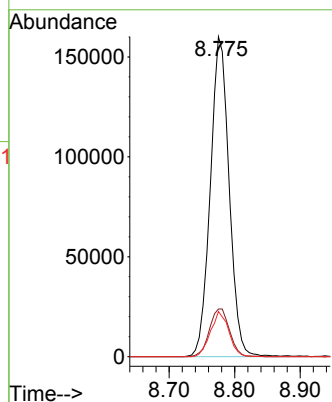
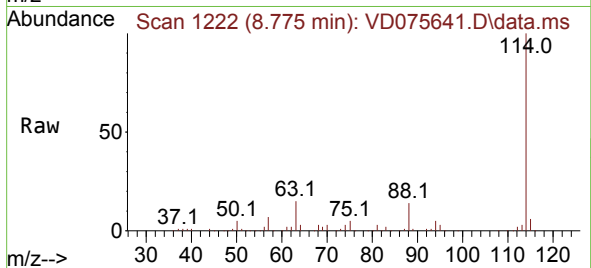
Tgt Ion:114 Resp: 318707

Ion Ratio Lower Upper

114 100

63 14.9 0.0 41.6

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.548 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075641.D

Acq: 12 Apr 2023 15:48

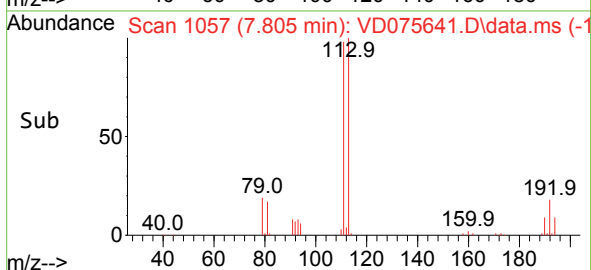
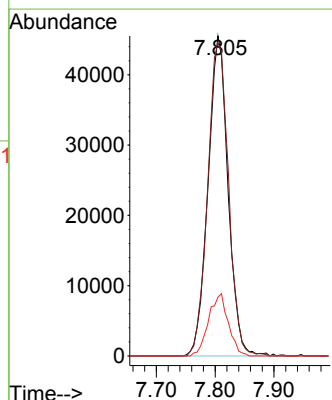
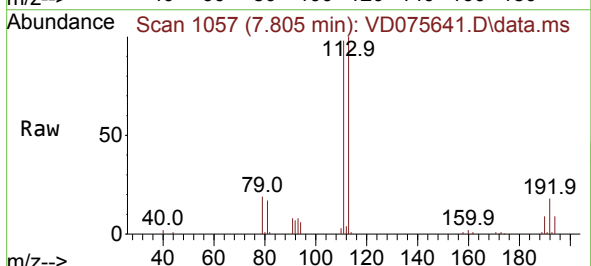
Tgt Ion:113 Resp: 107488

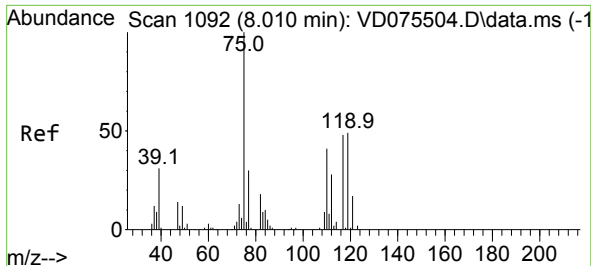
Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 19.2 15.2 22.8

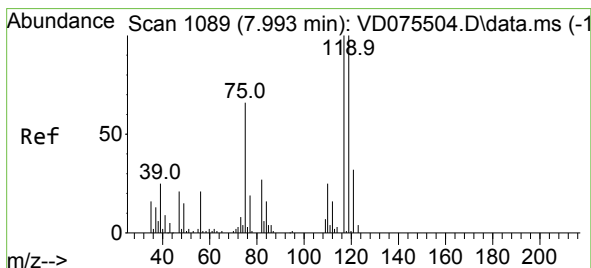
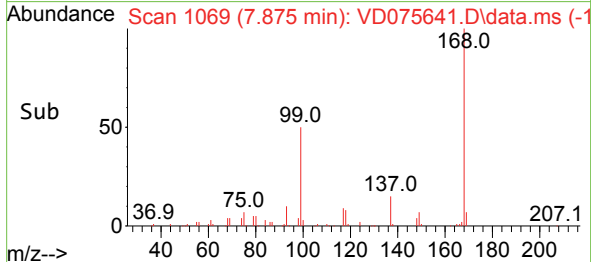
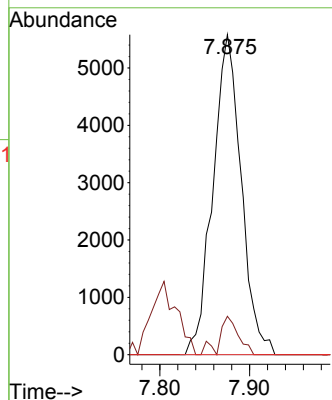
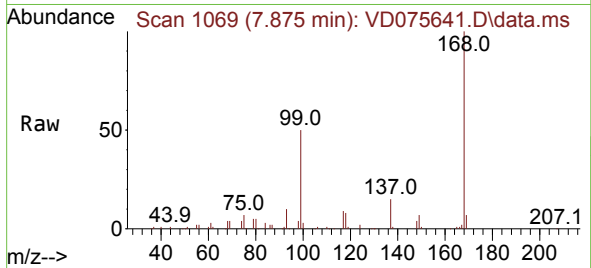




#36
 1,1-Dichloropropene
 Concen: 5.125 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.130 min
 Lab File: VD075641.D
 Acq: 12 Apr 2023 15:48

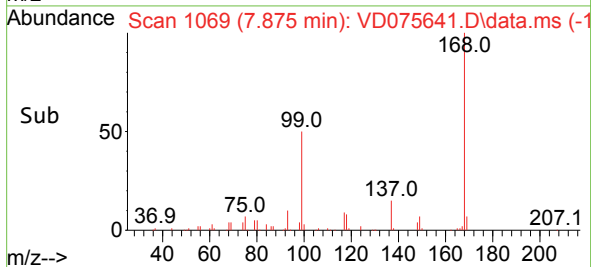
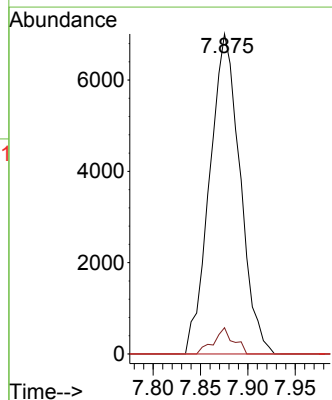
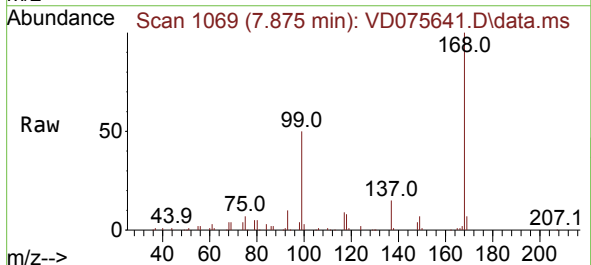
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1D

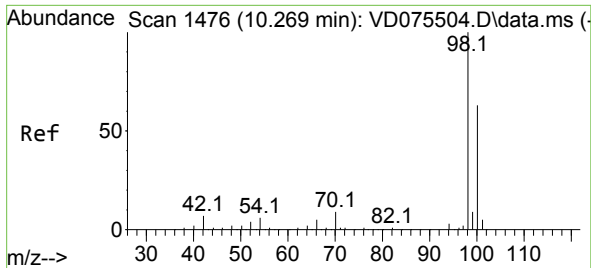
Tgt Ion: 75 Resp: 12225
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.1 51.2#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.848 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.118 min
 Lab File: VD075641.D
 Acq: 12 Apr 2023 15:48

Tgt Ion: 117 Resp: 15665
 Ion Ratio Lower Upper
 117 100
 119 8.2 74.7 112.1#
 121 0.0 25.9 38.9#

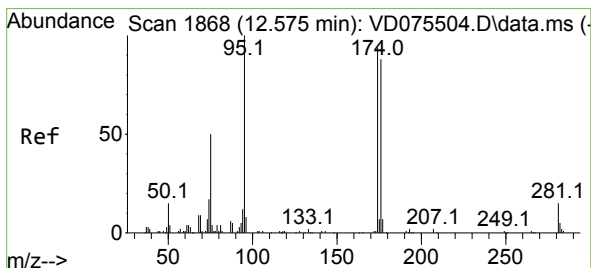
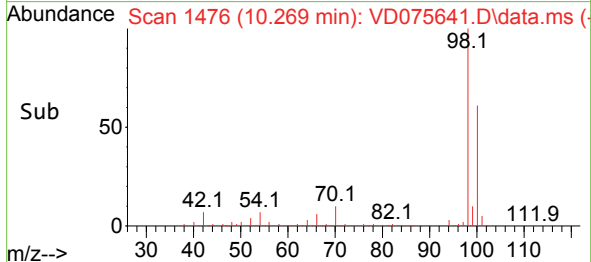
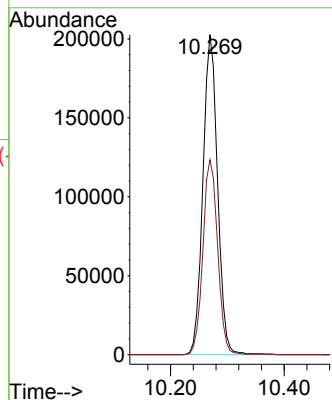
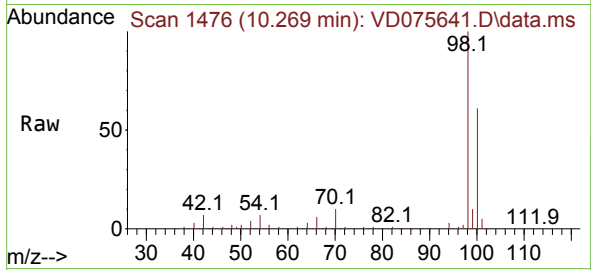




#50
Toluene-d8
Concen: 49.371 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075641.D
Acq: 12 Apr 2023 15:48

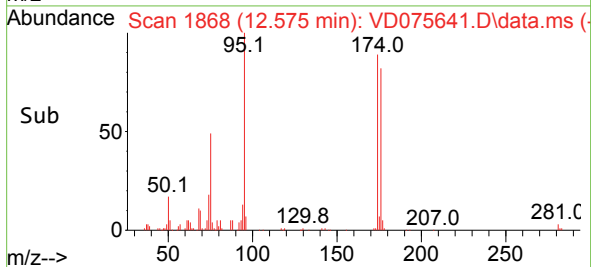
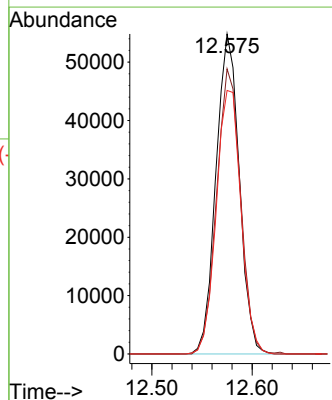
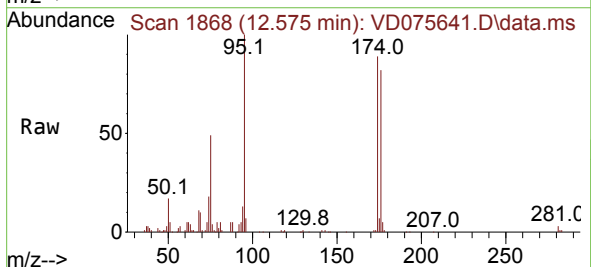
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SP-1D

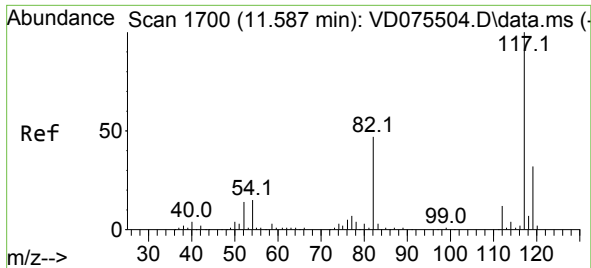
Tgt Ion: 98 Resp: 361706
Ion Ratio Lower Upper
98 100
100 61.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.957 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075641.D
Acq: 12 Apr 2023 15:48

Tgt Ion: 95 Resp: 88275
Ion Ratio Lower Upper
95 100
174 91.5 0.0 164.0
176 87.7 0.0 156.8

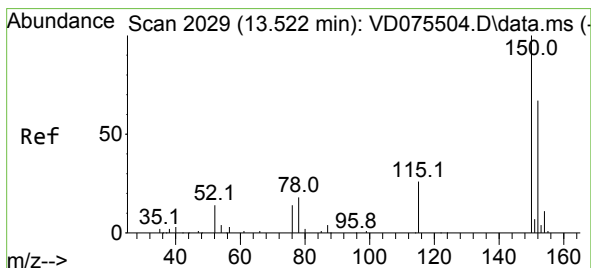
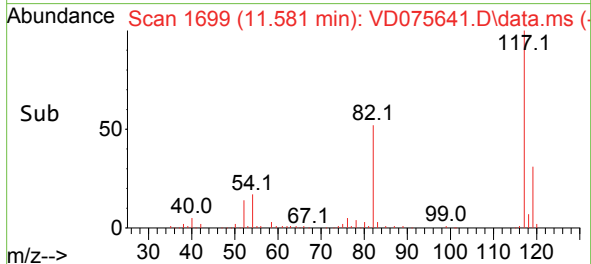
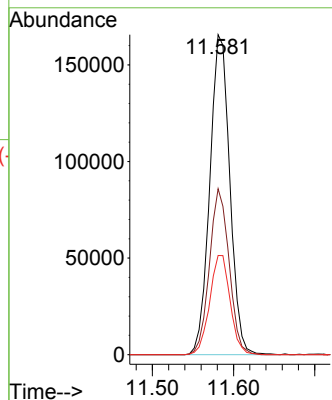
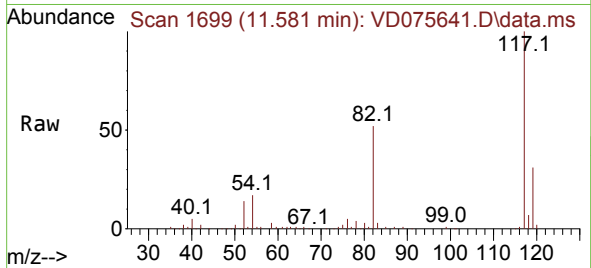




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075641.D
Acq: 12 Apr 2023 15:48

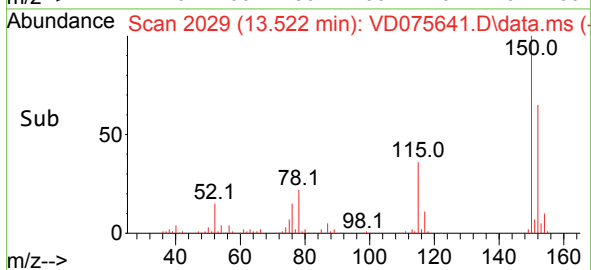
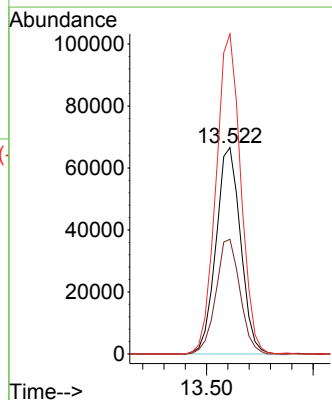
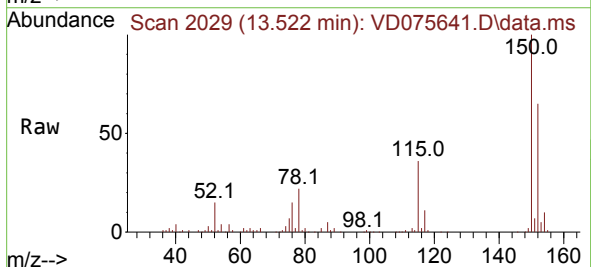
Instrument :
MSVOA_D
ClientSampleId :
SP-1D

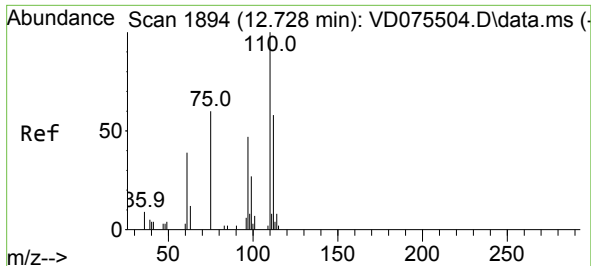
Tgt Ion:117 Resp: 283431
Ion Ratio Lower Upper
117 100
82 51.8 44.0 66.0
119 31.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075641.D
Acq: 12 Apr 2023 15:48

Tgt Ion:152 Resp: 106539
Ion Ratio Lower Upper
152 100
115 54.5 30.1 90.3
150 155.4 0.0 364.8

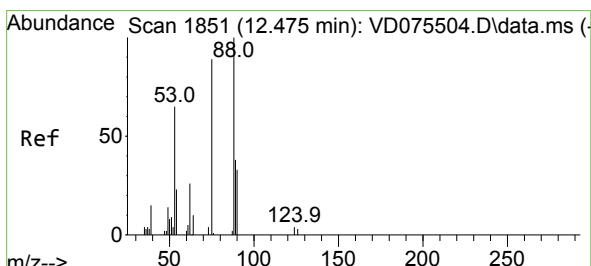
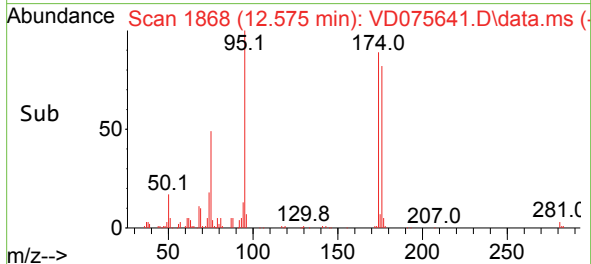
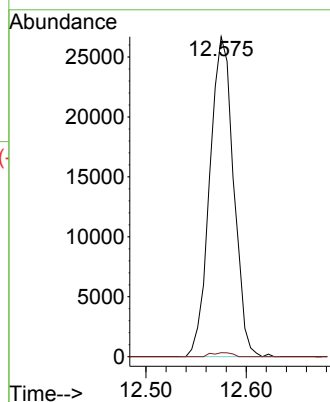
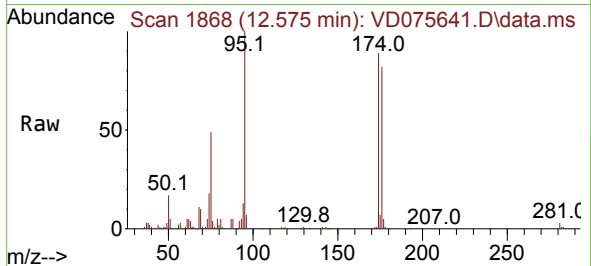




#76
1,2,3-Trichloropropane
Concen: 63.850 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075641.D
Acq: 12 Apr 2023 15:48

Instrument :
MSVOA_D
ClientSampleId :
SP-1D

Tgt Ion: 75 Resp: 44225
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.563 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075641.D
Acq: 12 Apr 2023 15:48

Tgt Ion: 75 Resp: 44225
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

