

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011923\
 Data File : VD075142.D
 Acq On : 19 Jan 2023 16:04
 Operator : KP/SY
 Sample : 01229-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-011923

Quant Time: Jan 20 00:38:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

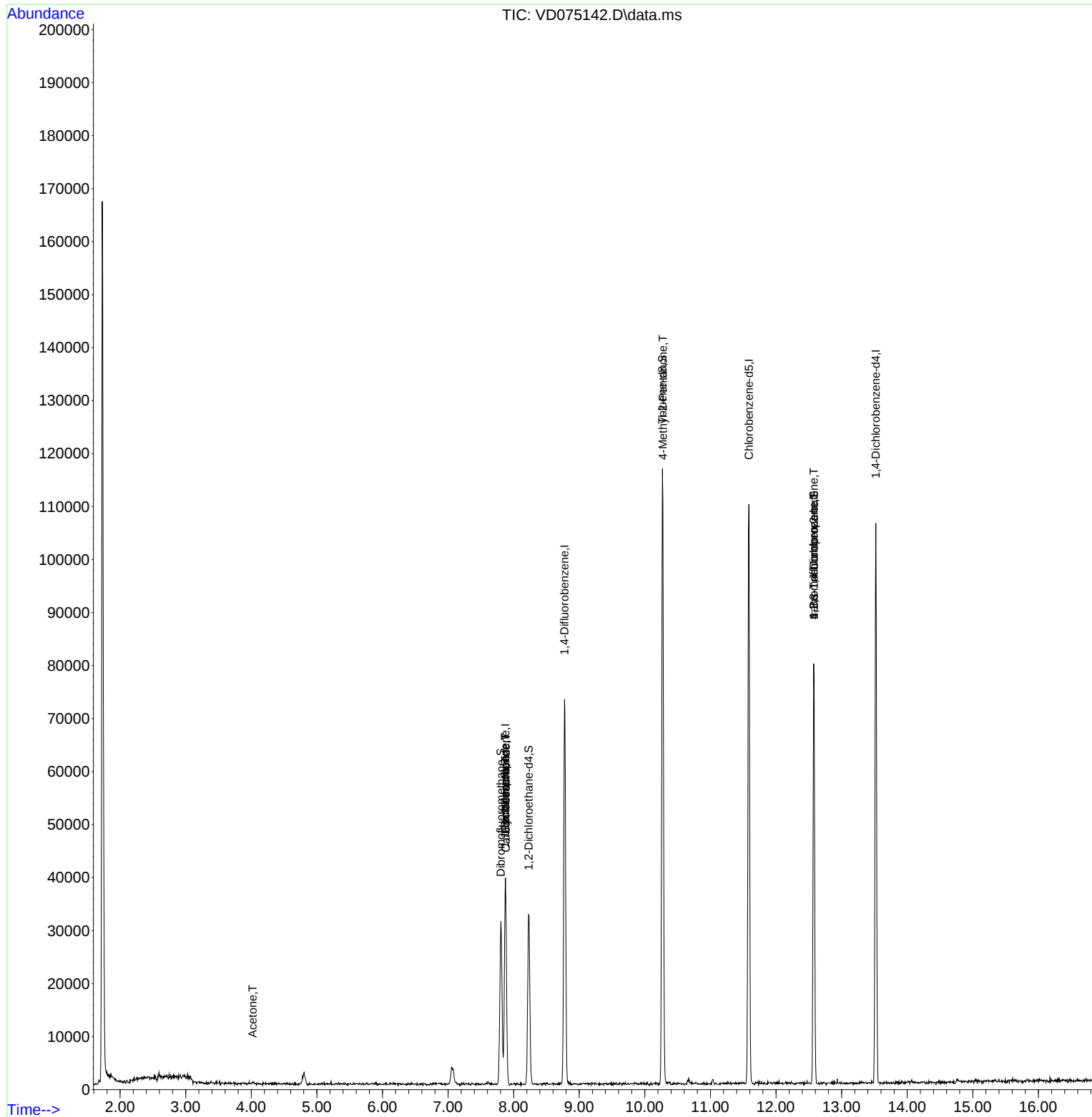
Internal Standards						
1) Pentafluorobenzene	7.875	168	29167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	64778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	62313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	26560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	24557	82.509	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 165.020%#			
35) Dibromofluoromethane	7.804	113	22199	56.712	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.420%			
50) Toluene-d8	10.269	98	80943	52.519	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.040%			
62) 4-Bromofluorobenzene	12.575	95	27154	55.514	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.020%			
Target Compounds						
16) Acetone	4.022	43	397	5.057	ug/l #	42
20) Methylene Chloride	4.804	84	1543	Below Cal	#	89
31) Cyclohexane	7.875	56	598	1.002	ug/l #	4
36) 1,1-Dichloropropene	7.869	75	2577	4.098	ug/l #	41
38) Carbon Tetrachloride	7.881	117	2955	5.580	ug/l #	14
51) 4-Methyl-2-Pentanone	10.275	43	332	1.402	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	14305	63.594	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	14305	147.511	ug/l #	14

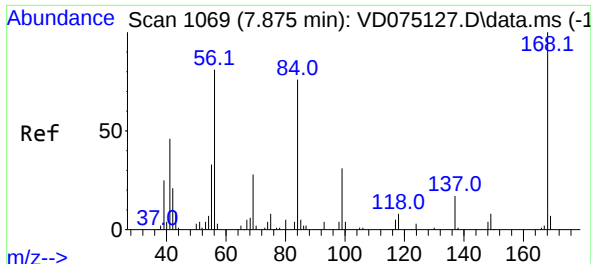
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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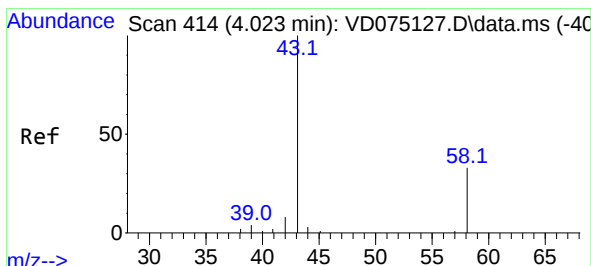
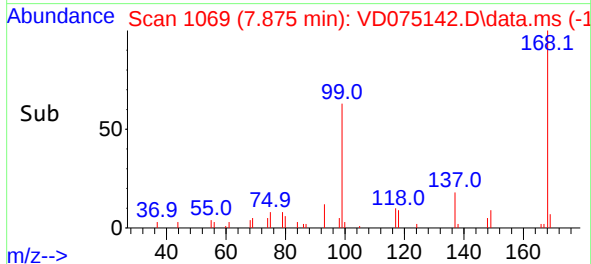
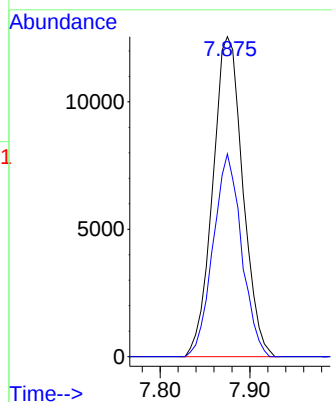
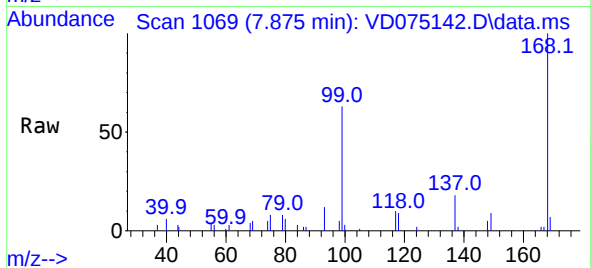




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075142.D
Acq: 19 Jan 2023 16:04

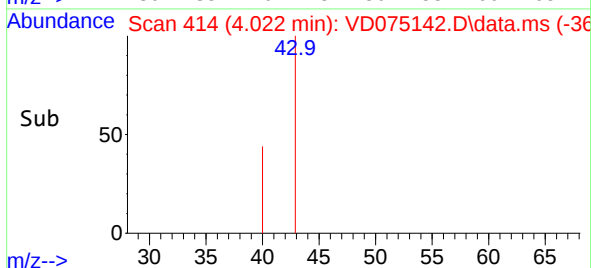
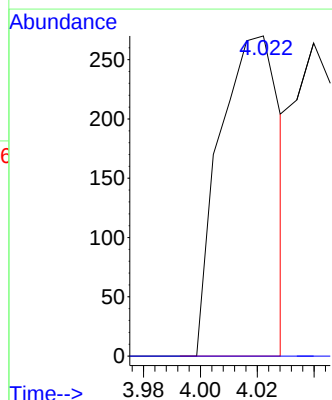
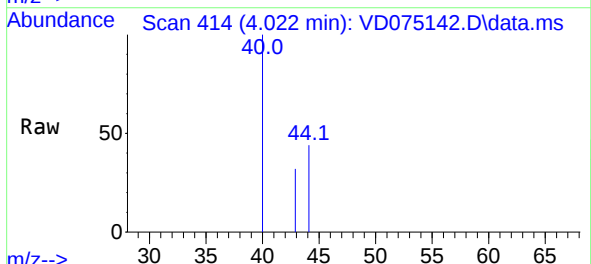
Instrument :
MSVOA_D
ClientSampleId :
OK-02-011923

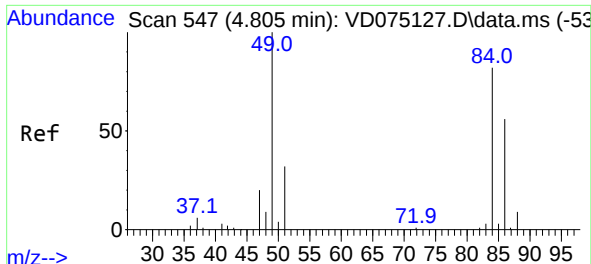
Tgt Ion:168 Resp: 29167
Ion Ratio Lower Upper
168 100
99 63.3 45.2 67.8



#16
Acetone
Concen: 5.057 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075142.D
Acq: 19 Jan 2023 16:04

Tgt Ion: 43 Resp: 397
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

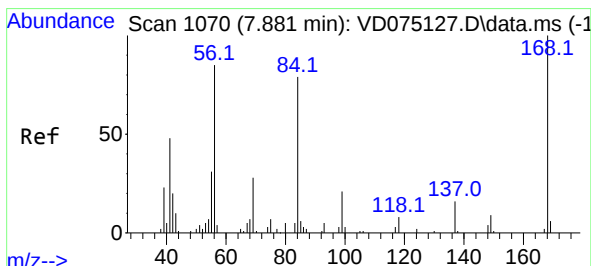
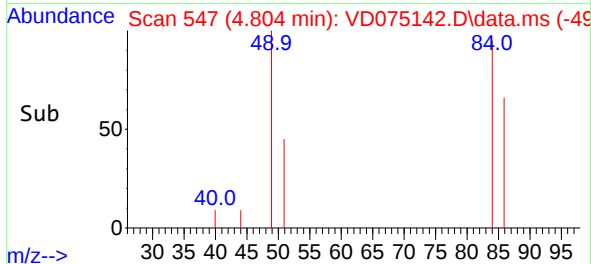
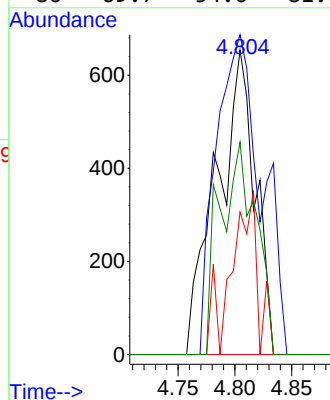
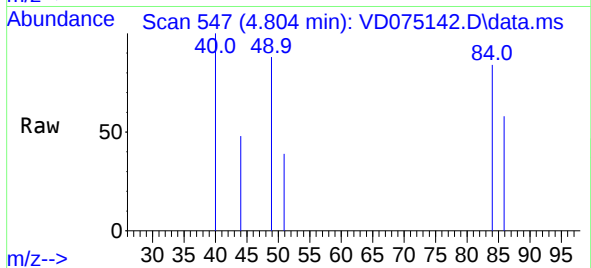




#20
Methylene Chloride
Concen: Below Cal
RT: 4.804 min Scan# 54
Delta R.T. -0.001 min
Lab File: VD075142.D
Acq: 19 Jan 2023 16:04

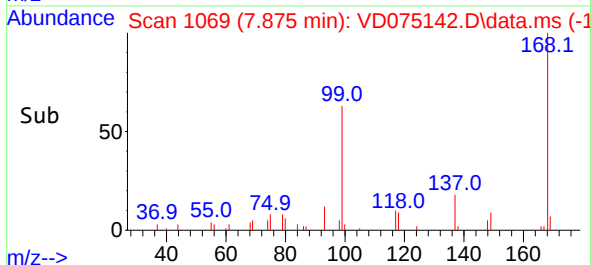
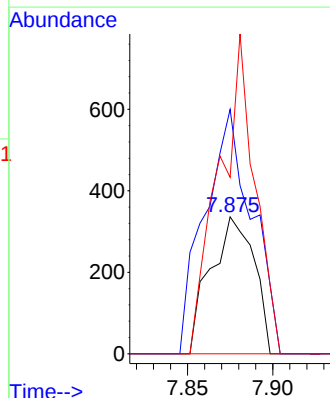
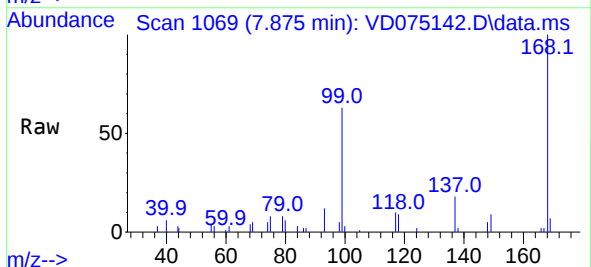
Instrument :
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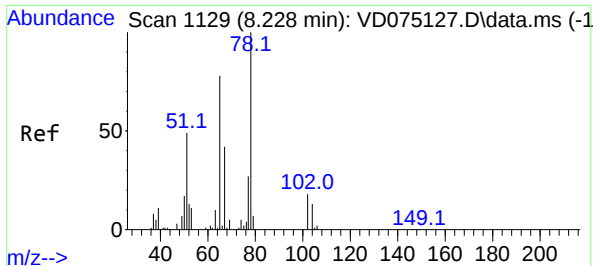
Tgt Ion:	84	Resp:	1543
Ion	Ratio	Lower	Upper
84	100		
49	105.0	97.0	145.6
51	46.8	30.9	46.3#
86	69.7	54.0	81.0



#31
Cyclohexane
Concen: 1.002 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075142.D
Acq: 19 Jan 2023 16:04

Tgt Ion:	56	Resp:	598
Ion	Ratio	Lower	Upper
56	100		
69	178.6	26.6	40.0#
84	128.9	74.1	111.1#

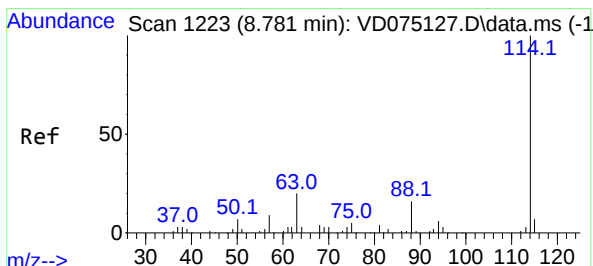
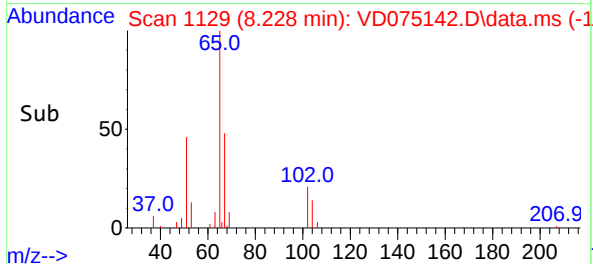
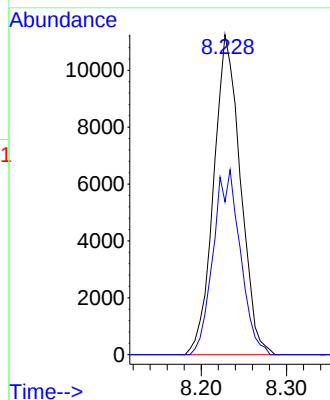
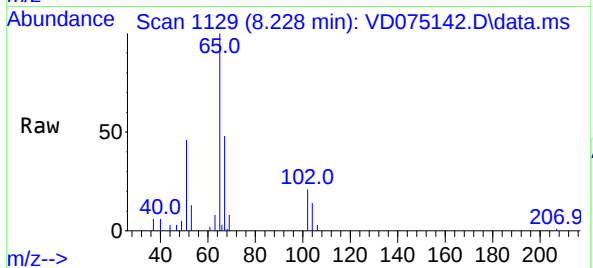




#33
1,2-Dichloroethane-d4
Concen: 82.509 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075142.D
Acq: 19 Jan 2023 16:04

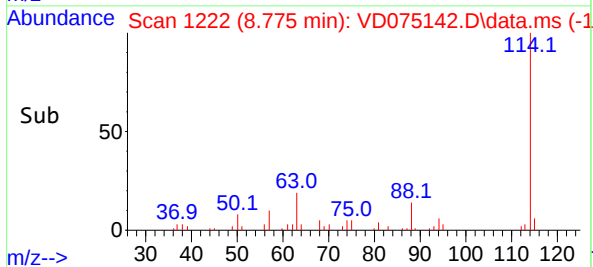
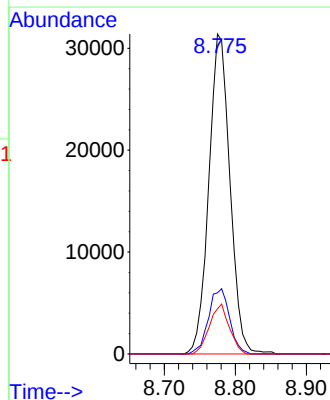
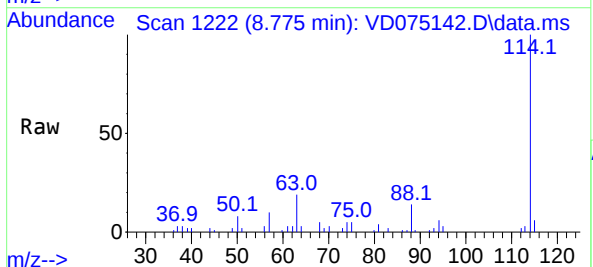
Instrument :
MSVOA_D
ClientSampleId :
OK-02-011923

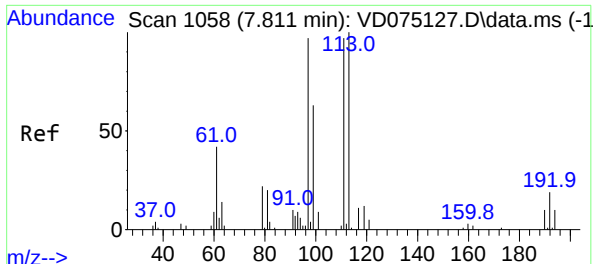
Tgt Ion: 65 Resp: 24557
Ion Ratio Lower Upper
65 100
67 58.4 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD075142.D
Acq: 19 Jan 2023 16:04

Tgt Ion: 114 Resp: 64778
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.2
88 14.1 0.0 32.2



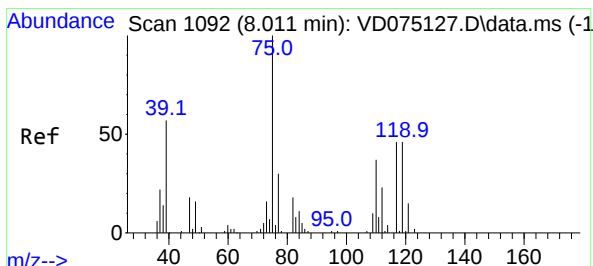
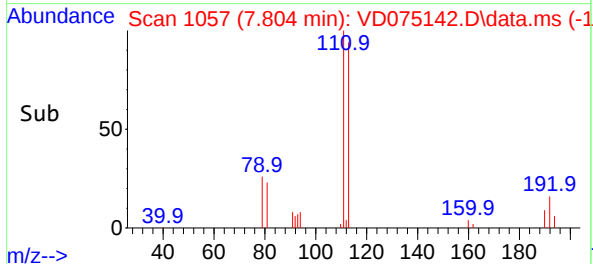
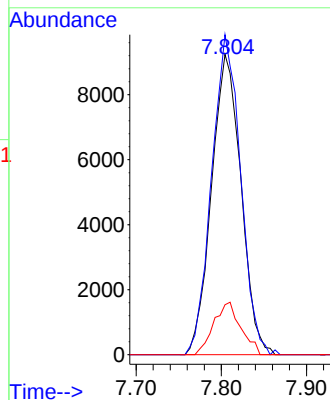
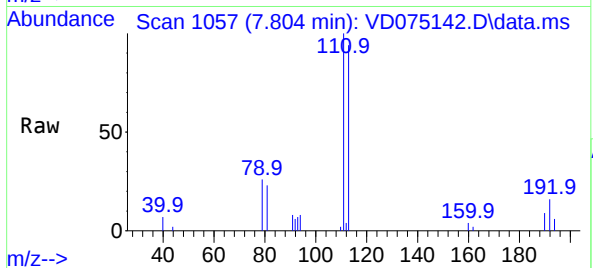


#35
Dibromofluoromethane
Concen: 56.712 ug/l
RT: 7.804 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VD075142.D
Acq: 19 Jan 2023 16:04

Instrument :
MSVOA_D
ClientSampleId :
OK-02-011923

Tgt Ion: 113 Resp: 22199

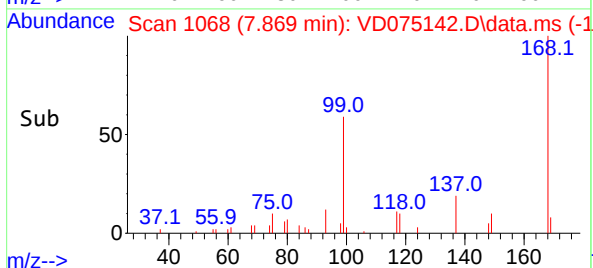
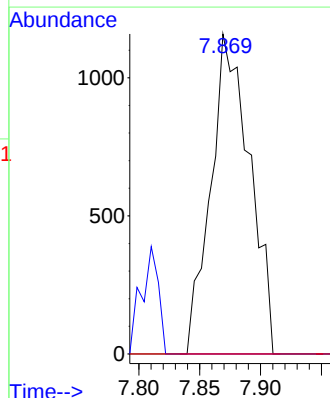
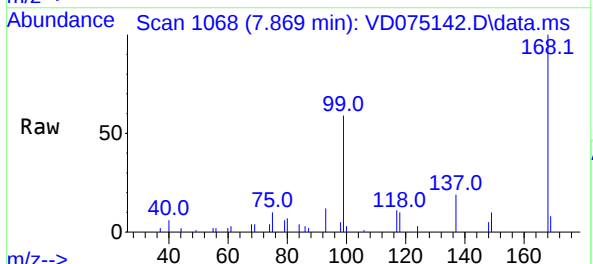
Ion	Ratio	Lower	Upper
113	100		
111	104.9	80.1	120.1
192	16.0	15.4	23.0

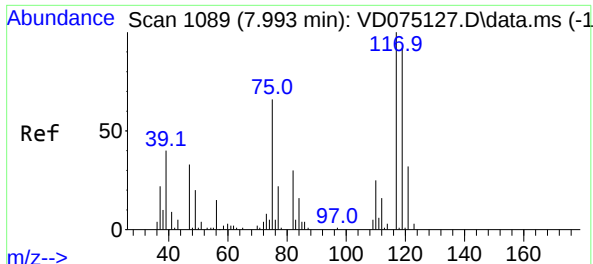


#36
1,1-Dichloropropene
Concen: 4.098 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD075142.D
Acq: 19 Jan 2023 16:04

Tgt Ion: 75 Resp: 2577

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.4#
77	0.0	25.1	37.7#

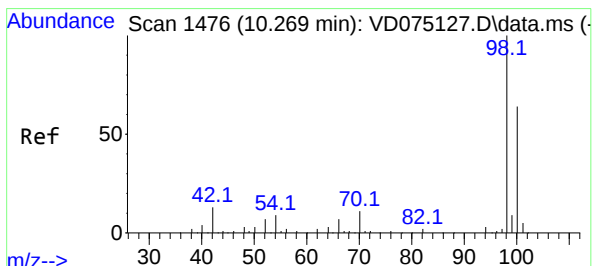
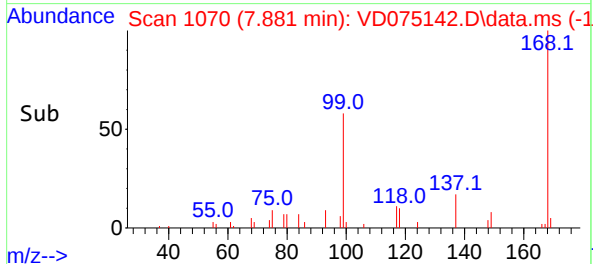
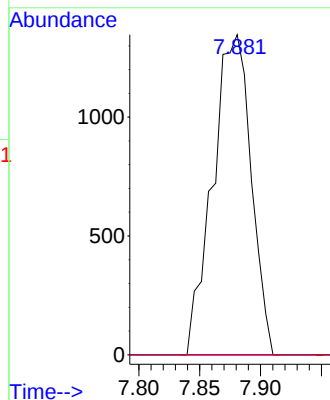
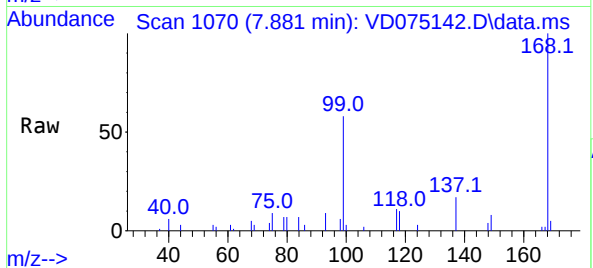




#38
Carbon Tetrachloride
Concen: 5.580 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD075142.D
Acq: 19 Jan 2023 16:04

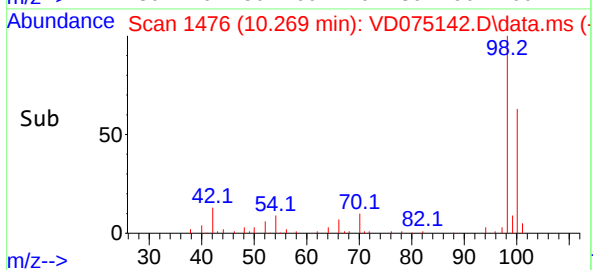
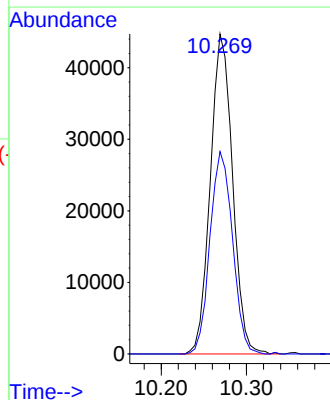
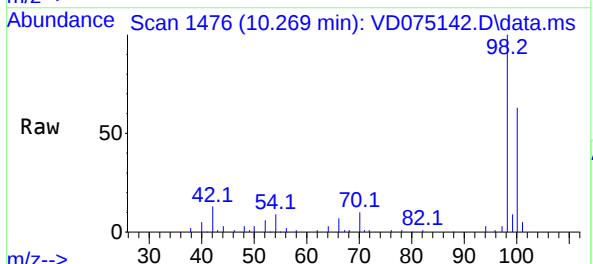
Instrument :
MSVOA_D
ClientSampleId :
OK-02-011923

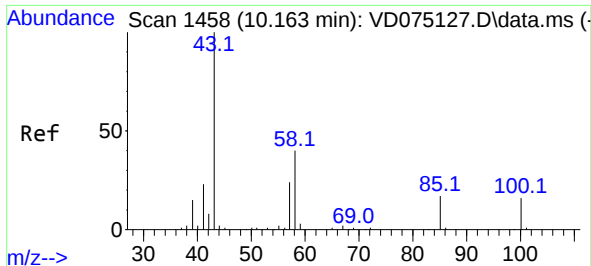
Tgt Ion:117 Resp: 2955
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 52.519 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075142.D
Acq: 19 Jan 2023 16:04

Tgt Ion: 98 Resp: 80943
Ion Ratio Lower Upper
98 100
100 64.2 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 1.402 ug/l

RT: 10.275 min Scan# 1458

Delta R.T. 0.111 min

Lab File: VD075142.D

Acq: 19 Jan 2023 16:04

Instrument :

MSVOA_D

ClientSampleId :

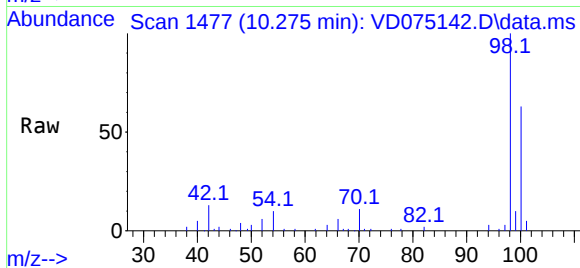
OK-02-011923

Tgt Ion: 43 Resp: 332

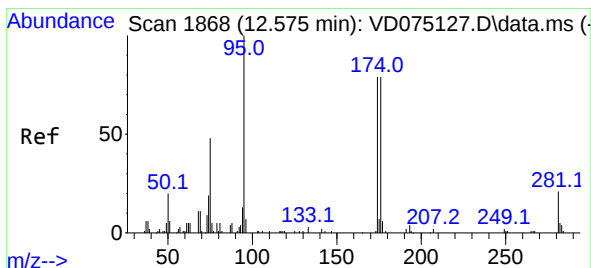
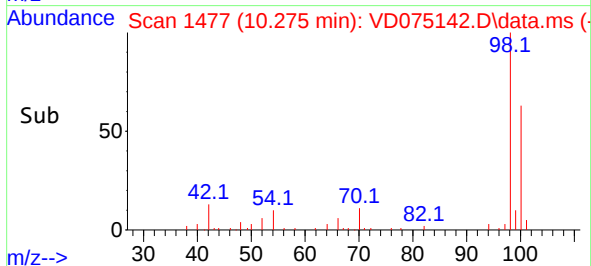
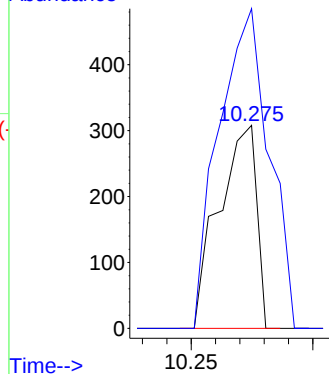
Ion Ratio Lower Upper

43 100

58 209.6 31.4 47.0#



Abundance



#62

4-Bromofluorobenzene

Concen: 55.514 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075142.D

Acq: 19 Jan 2023 16:04

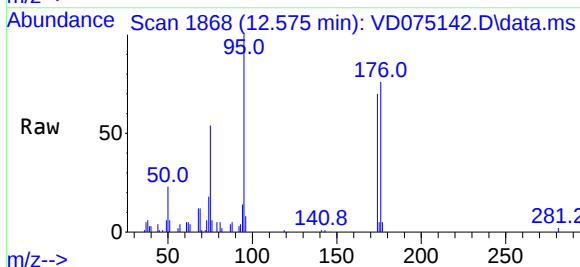
Tgt Ion: 95 Resp: 27154

Ion Ratio Lower Upper

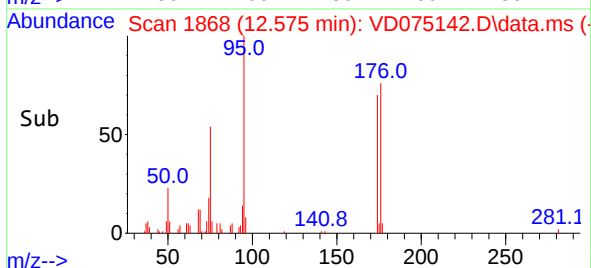
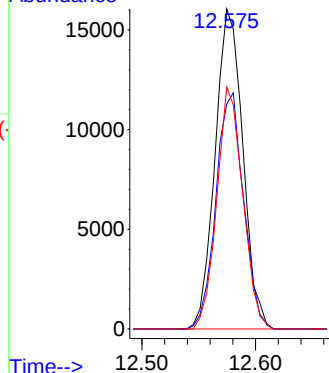
95 100

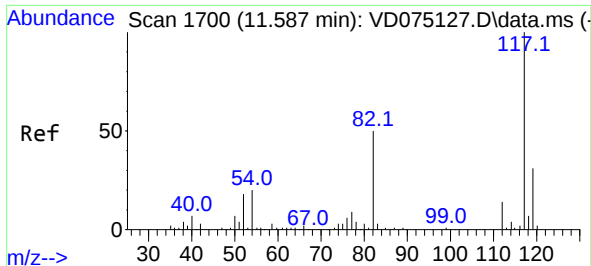
174 73.8 0.0 161.2

176 70.9 0.0 160.2



Abundance

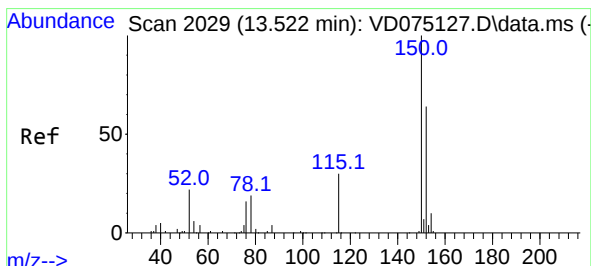
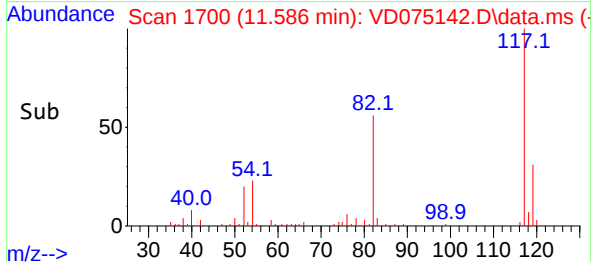
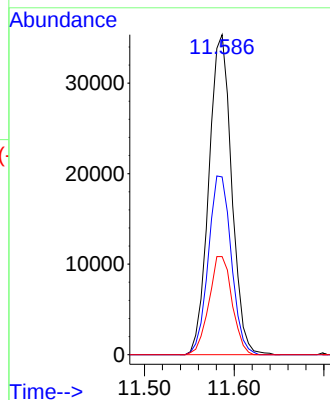
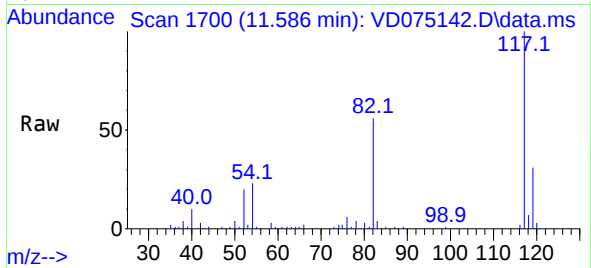




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075142.D
Acq: 19 Jan 2023 16:04

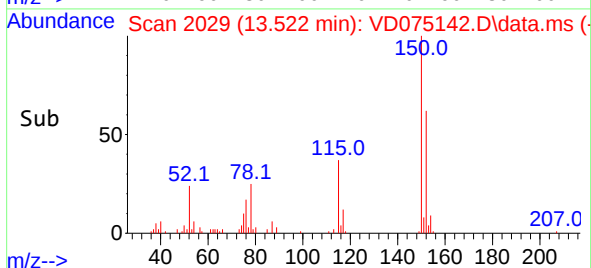
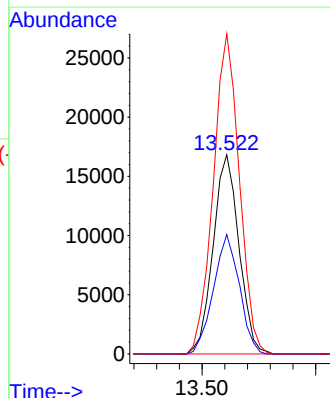
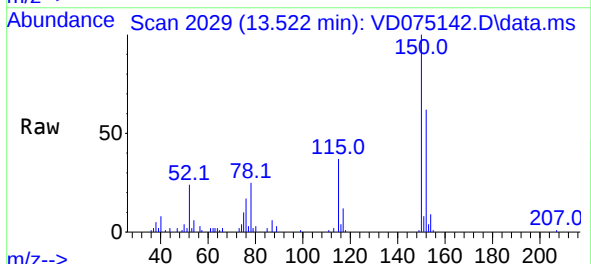
Instrument :
MSVOA_D
ClientSampleId :
OK-02-011923

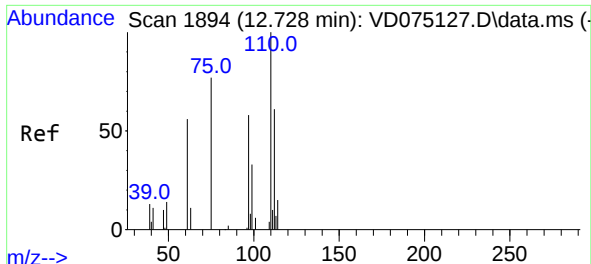
Tgt Ion:117 Resp: 62313
Ion Ratio Lower Upper
117 100
82 55.6 39.6 59.4
119 30.7 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075142.D
Acq: 19 Jan 2023 16:04

Tgt Ion:152 Resp: 26560
Ion Ratio Lower Upper
152 100
115 60.3 28.8 86.4
150 162.2 0.0 348.6

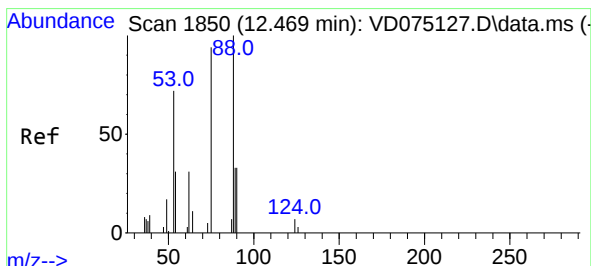
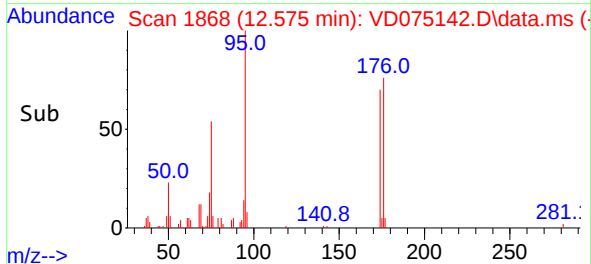
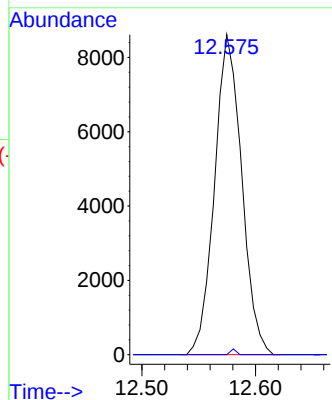
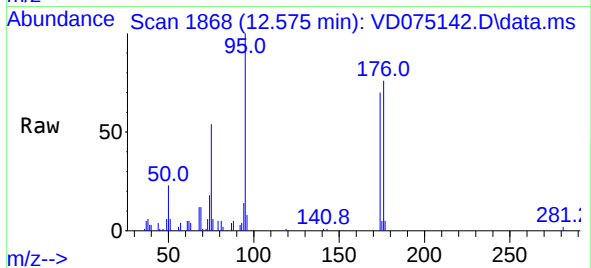




#76
1,2,3-Trichloropropane
Concen: 63.594 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075142.D
Acq: 19 Jan 2023 16:04

Instrument :
MSVOA_D
ClientSampleId :
OK-02-011923

Tgt Ion: 75 Resp: 14305
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 147.511 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075142.D
Acq: 19 Jan 2023 16:04

Tgt Ion: 75 Resp: 14305
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

