

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
 Data File : VD075273.D
 Acq On : 08 Feb 2023 15:53
 Operator : KP/SY
 Sample : 01445-01
 Misc : 4.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-26-020323

Quant Time: Feb 09 05:42:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

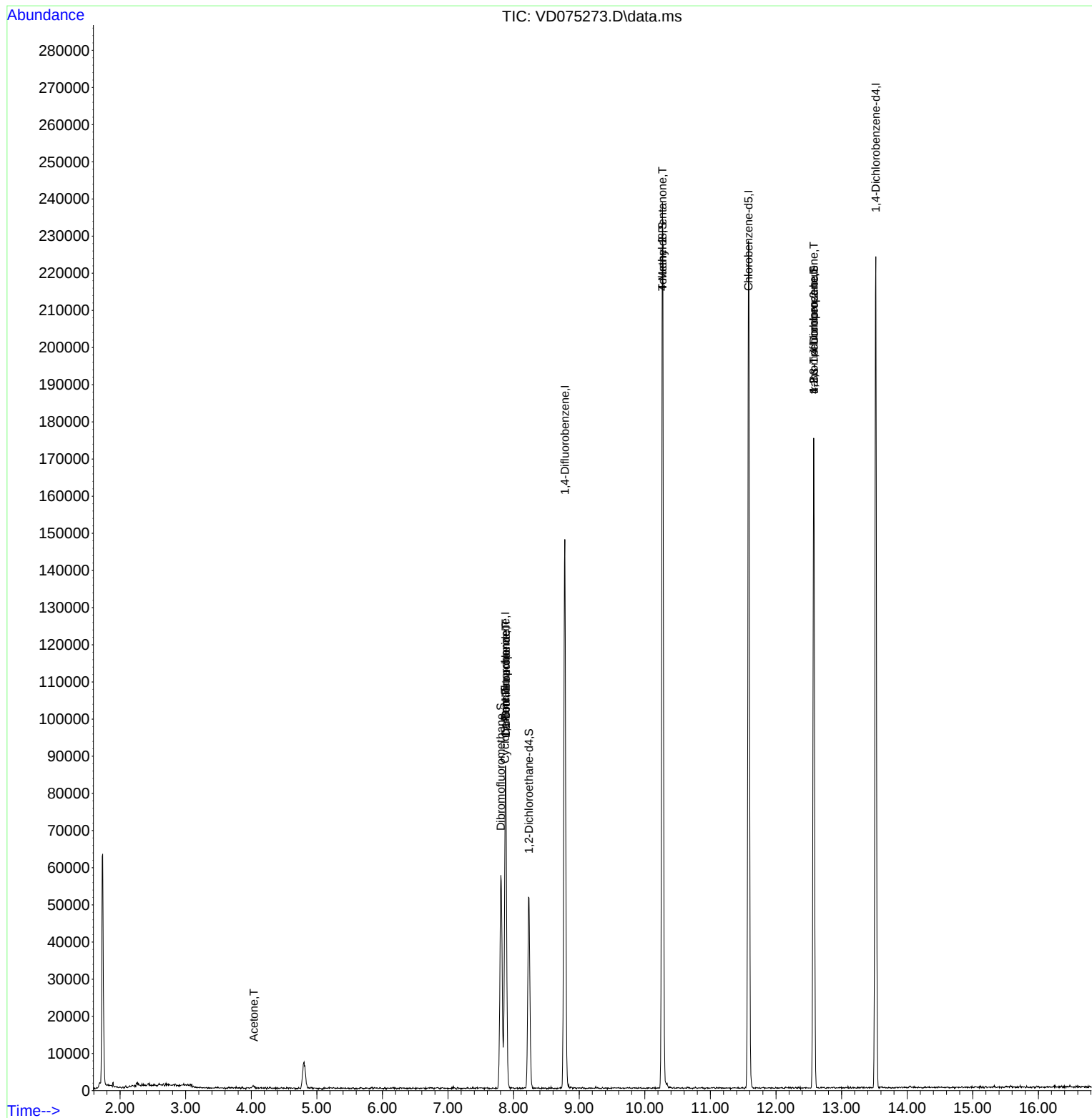
Internal Standards						
1) Pentafluorobenzene	7.875	168	63734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	125901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	127442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	56901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	40703	54.464	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.920%			
35) Dibromofluoromethane	7.805	113	40763	46.174	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.340%			
50) Toluene-d8	10.269	98	159283	47.576	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.160%			
62) 4-Bromofluorobenzene	12.575	95	52986	47.997	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.000%			
Target Compounds						
3) Chloromethane	2.146	50	113	Below Cal	#	41
16) Acetone	4.040	43	1197	6.057	ug/l #	42
31) Cyclohexane	7.869	56	1771	1.335	ug/l #	60
36) 1,1-Dichloropropene	7.881	75	5193	3.776	ug/l #	47
38) Carbon Tetrachloride	7.881	117	6737	5.287	ug/l #	19
51) 4-Methyl-2-Pentanone	10.269	43	890	1.536	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	29184	45.155	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	29184	142.526	ug/l #	14

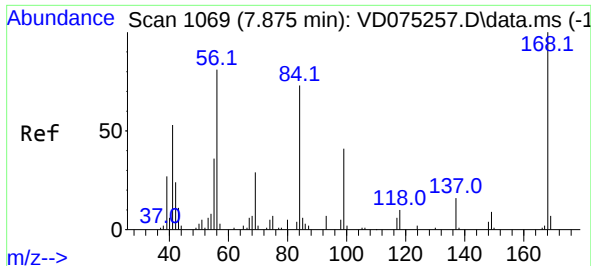
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration

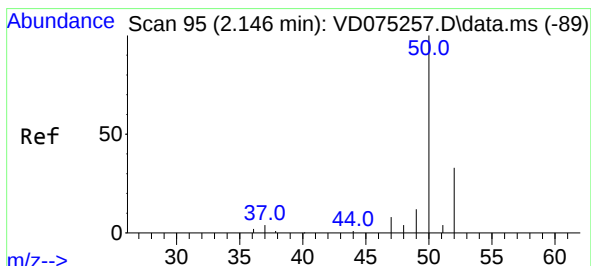
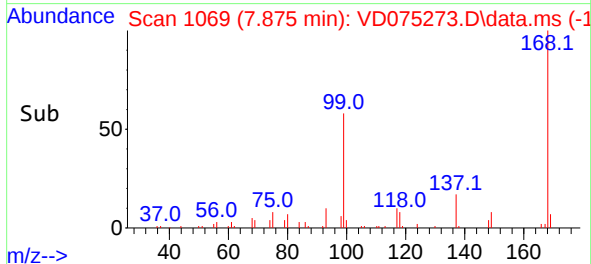
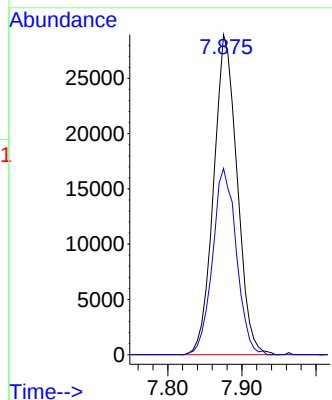
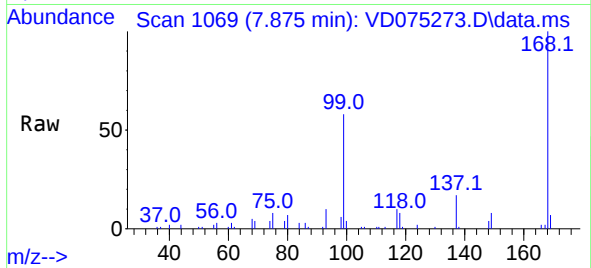




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075273.D
Acq: 08 Feb 2023 15:53

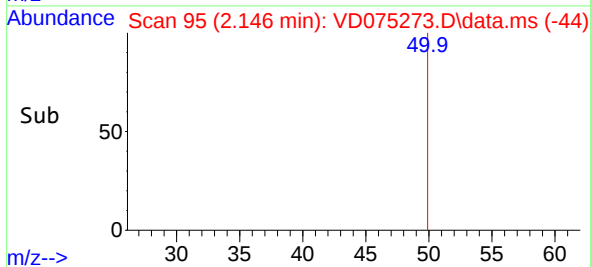
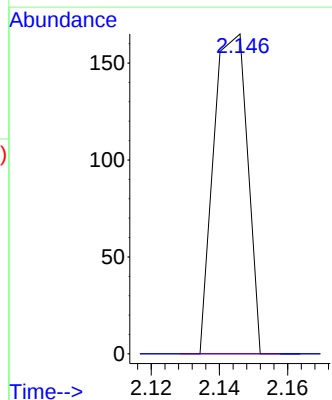
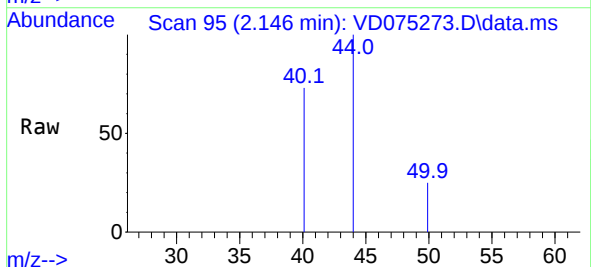
Instrument :
MSVOA_D
ClientSampleId :
JPP-26-020323

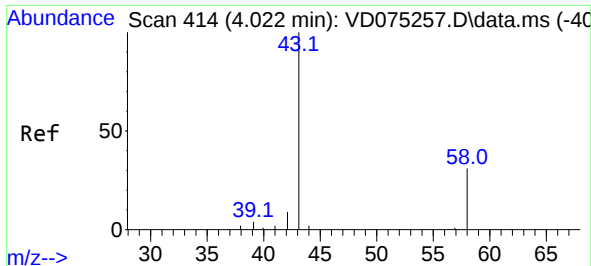
Tgt Ion:168 Resp: 63734
Ion Ratio Lower Upper
168 100
99 58.2 45.2 67.8



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075273.D
Acq: 08 Feb 2023 15:53

Tgt Ion: 50 Resp: 113
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

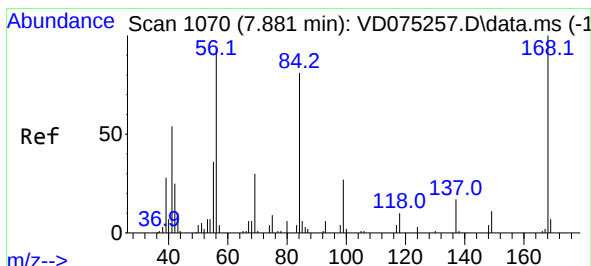
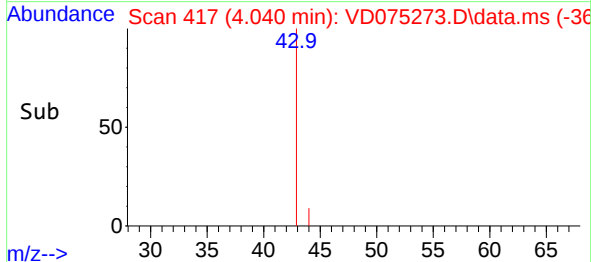
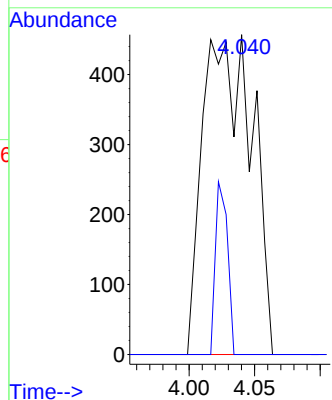
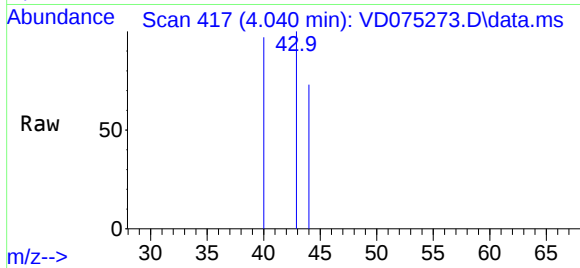




#16
Acetone
Concen: 6.057 ug/l
RT: 4.040 min Scan# 41
Delta R.T. 0.018 min
Lab File: VD075273.D
Acq: 08 Feb 2023 15:53

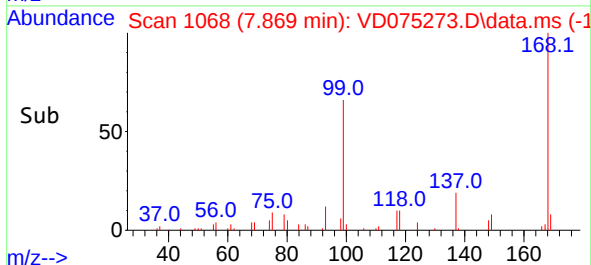
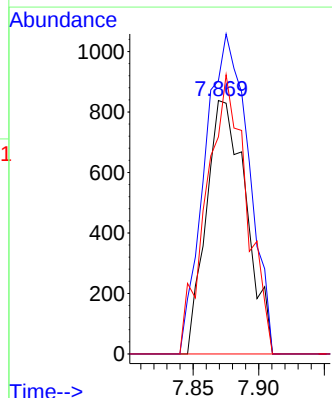
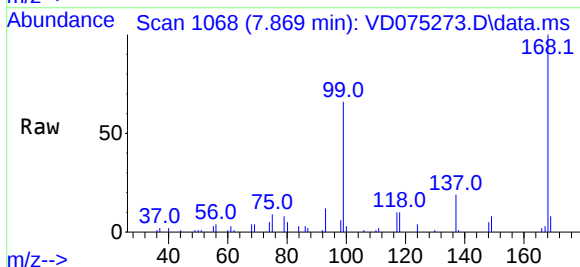
Instrument :
MSVOA_D
ClientSampleId :
JPP-26-020323

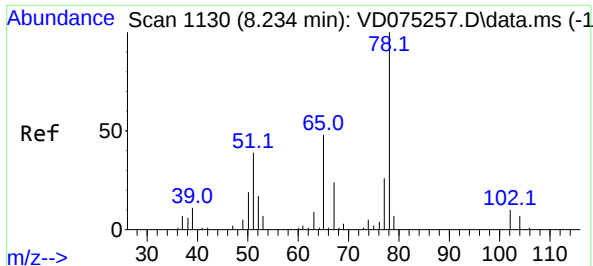
Tgt Ion: 43 Resp: 1197
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#31
Cyclohexane
Concen: 1.335 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD075273.D
Acq: 08 Feb 2023 15:53

Tgt Ion: 56 Resp: 1771
Ion Ratio Lower Upper
56 100
69 107.9 26.6 40.0#
84 85.7 74.1 111.1

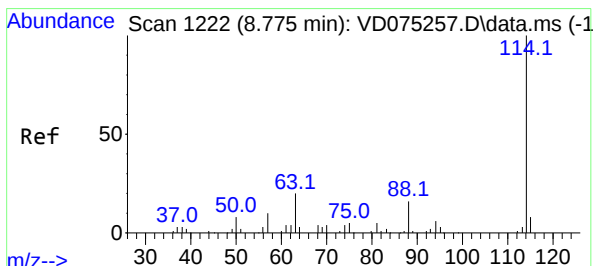
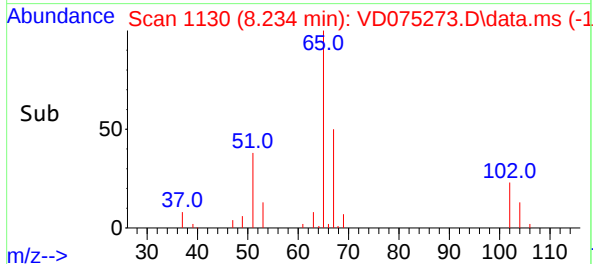
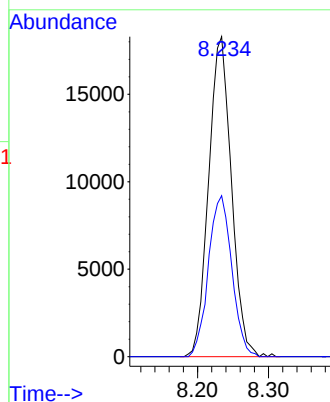
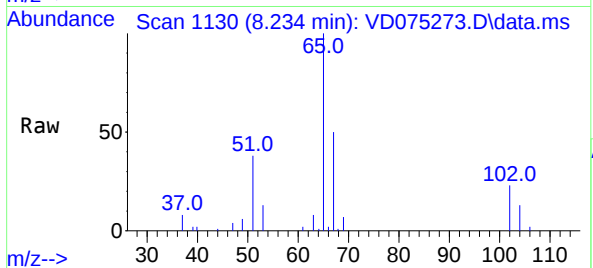




#33
1,2-Dichloroethane-d4
Concen: 54.464 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075273.D
Acq: 08 Feb 2023 15:53

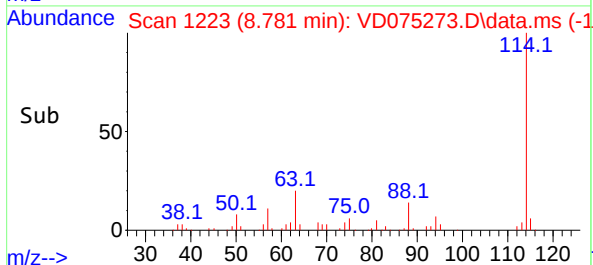
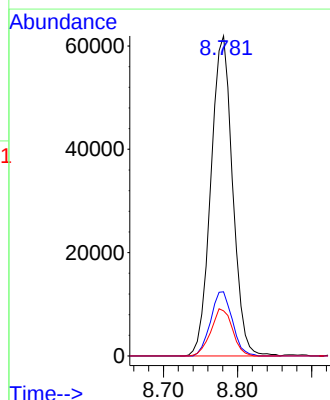
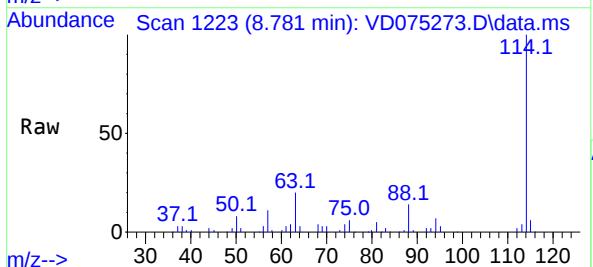
Instrument :
MSVOA_D
ClientSampleId :
JPP-26-020323

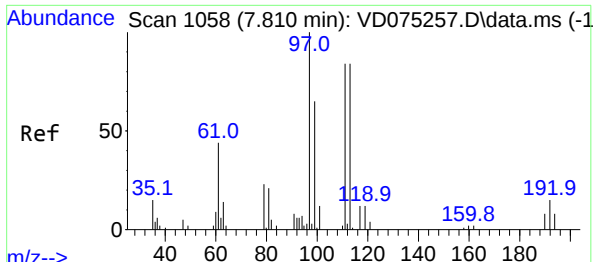
Tgt Ion: 65 Resp: 40703
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD075273.D
Acq: 08 Feb 2023 15:53

Tgt Ion: 114 Resp: 125901
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.2
88 14.1 0.0 32.2

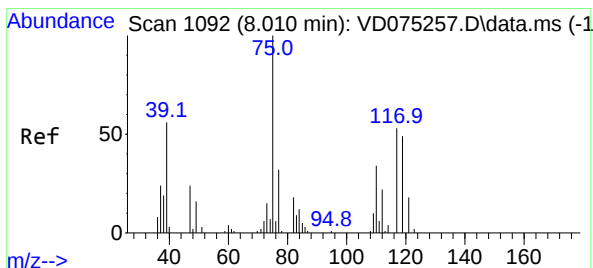
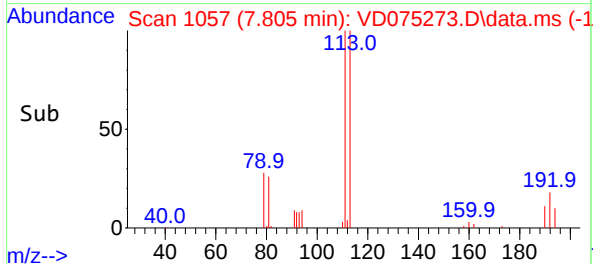
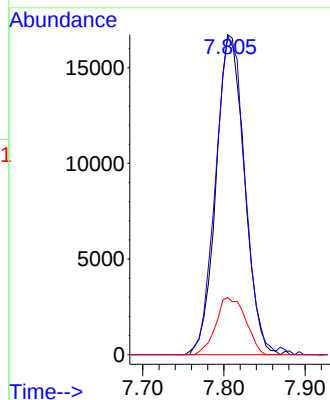
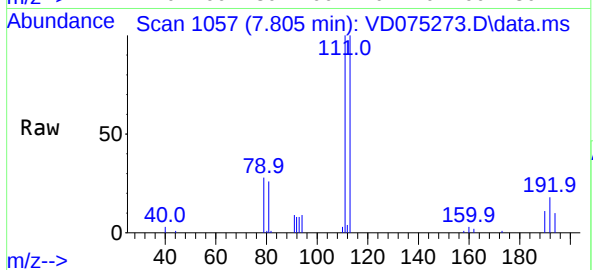




#35
Dibromofluoromethane
Concen: 46.174 ug/l
RT: 7.805 min Scan# 1070
Delta R.T. -0.005 min
Lab File: VD075273.D
Acq: 08 Feb 2023 15:53

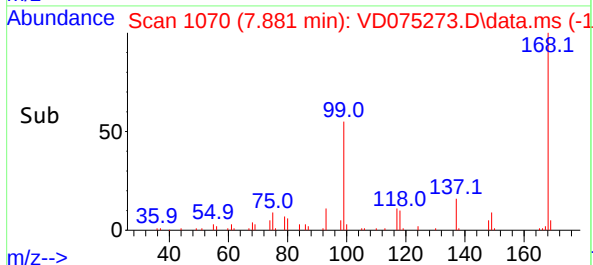
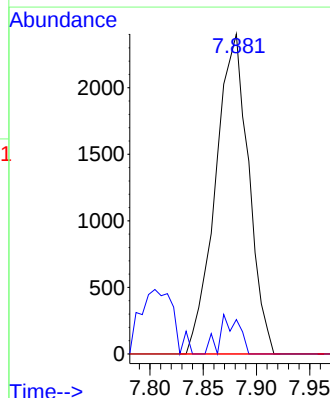
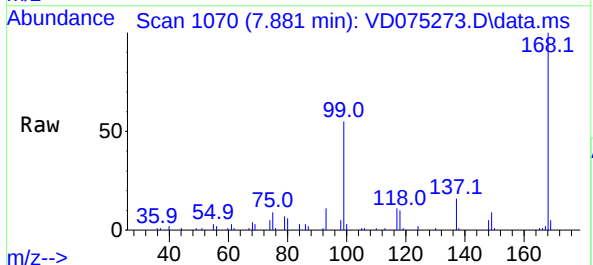
Instrument :
MSVOA_D
ClientSampleId :
JPP-26-020323

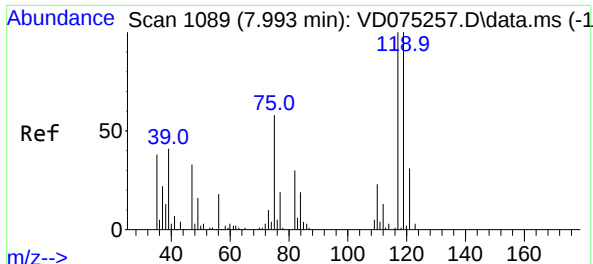
Tgt Ion:113 Resp: 40763
Ion Ratio Lower Upper
113 100
111 102.7 80.1 120.1
192 18.6 15.4 23.0



#36
1,1-Dichloropropene
Concen: 3.776 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD075273.D
Acq: 08 Feb 2023 15:53

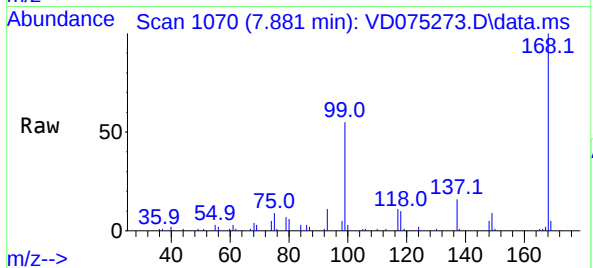
Tgt Ion: 75 Resp: 5193
Ion Ratio Lower Upper
75 100
110 7.1 18.1 54.4#
77 0.0 25.1 37.7#



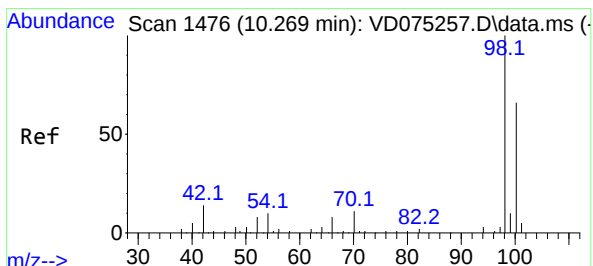
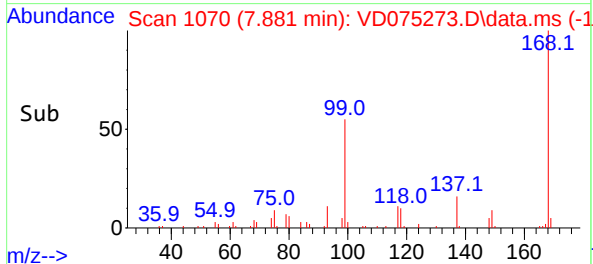
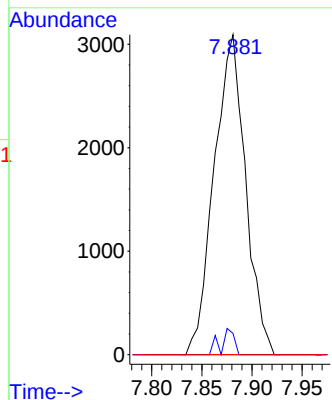


#38
Carbon Tetrachloride
Concen: 5.287 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD075273.D
Acq: 08 Feb 2023 15:53

Instrument :
MSVOA_D
ClientSampleId :
JPP-26-020323

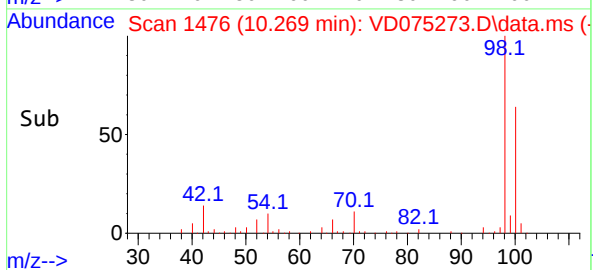
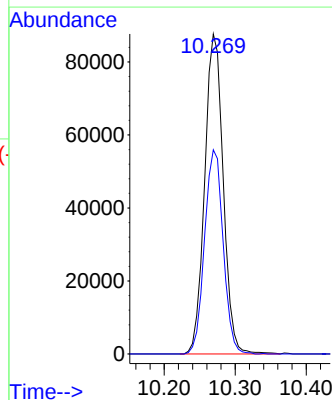
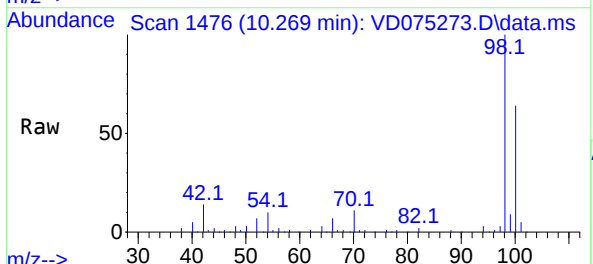


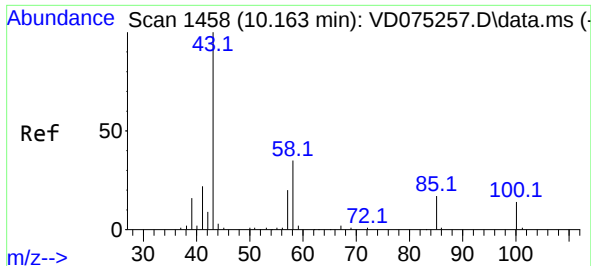
Tgt Ion:117 Resp: 6737
Ion Ratio Lower Upper
117 100
119 6.6 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 47.576 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075273.D
Acq: 08 Feb 2023 15:53

Tgt Ion: 98 Resp: 159283
Ion Ratio Lower Upper
98 100
100 63.8 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 1.536 ug/l

RT: 10.269 min Scan# 1458

Delta R.T. 0.106 min

Lab File: VD075273.D

Acq: 08 Feb 2023 15:53

Instrument :

MSVOA_D

ClientSampleId :

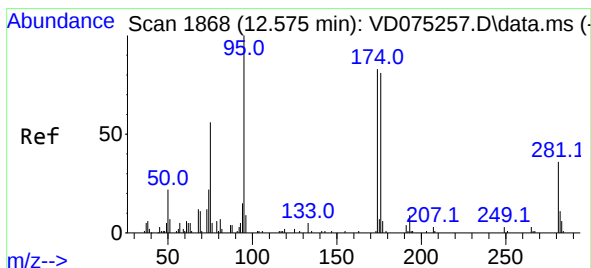
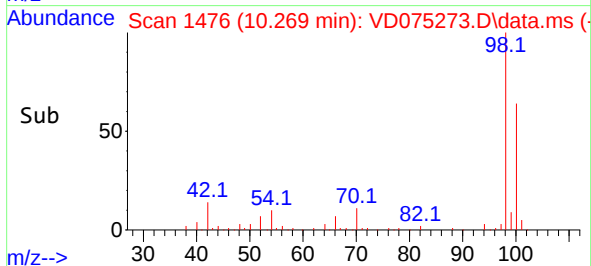
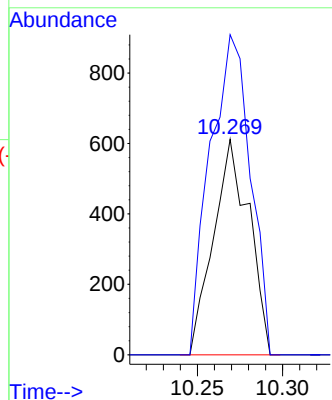
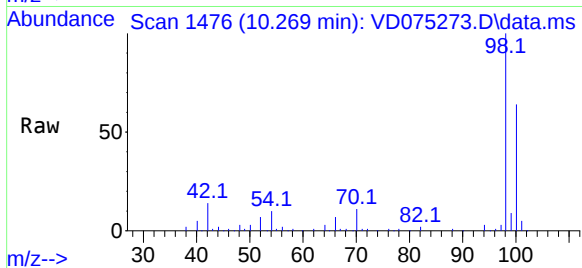
JPP-26-020323

Tgt Ion: 43 Resp: 890

Ion Ratio Lower Upper

43 100

58 168.4 31.4 47.0#



#62

4-Bromofluorobenzene

Concen: 47.997 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075273.D

Acq: 08 Feb 2023 15:53

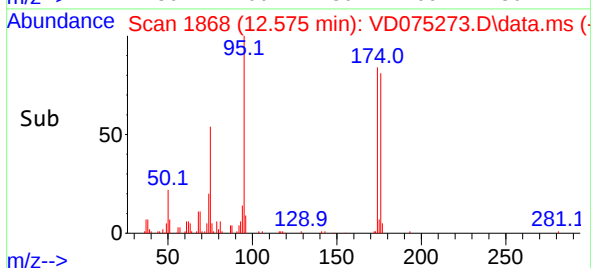
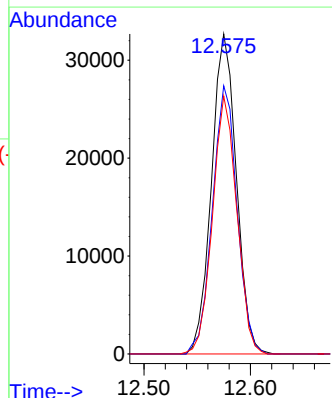
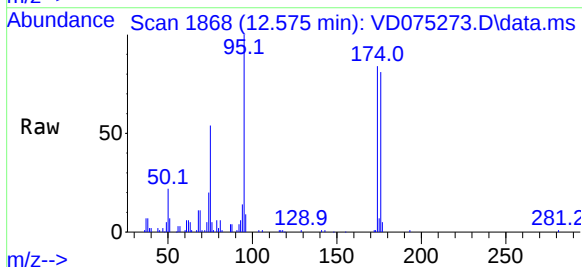
Tgt Ion: 95 Resp: 52986

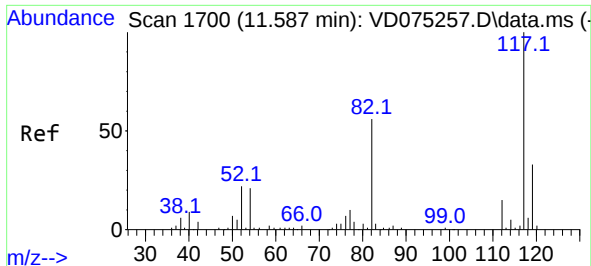
Ion Ratio Lower Upper

95 100

174 83.2 0.0 161.2

176 78.8 0.0 160.2

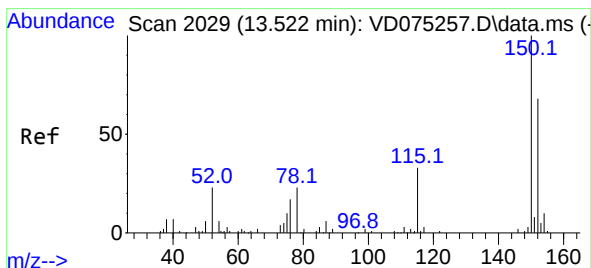
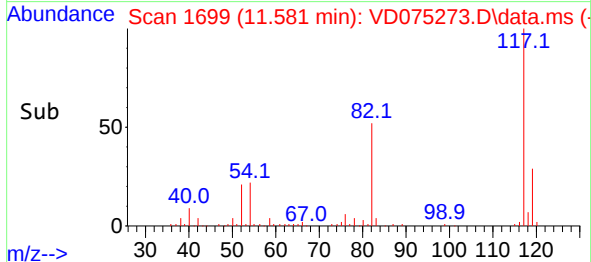
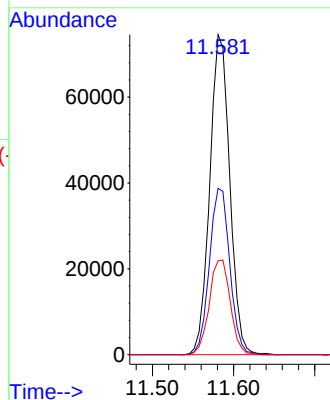
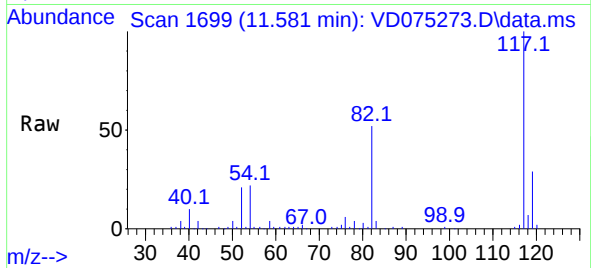




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075273.D
Acq: 08 Feb 2023 15:53

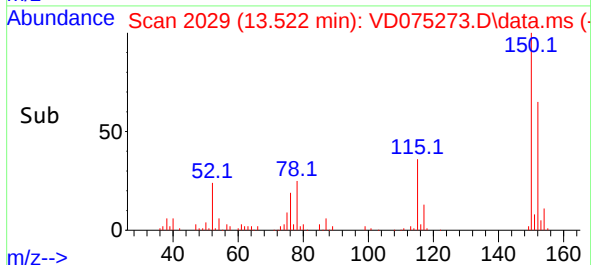
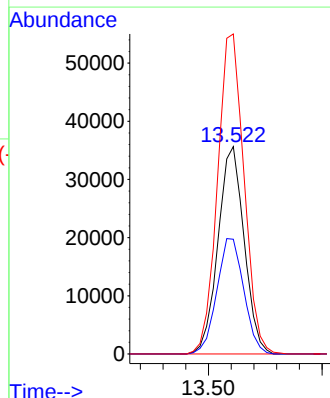
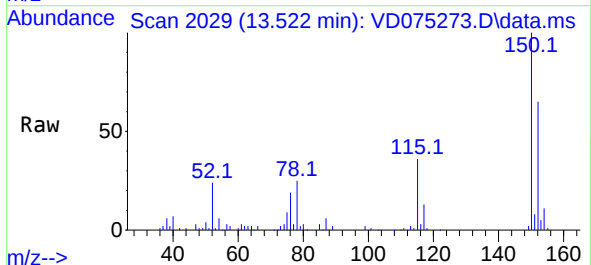
Instrument :
MSVOA_D
ClientSampleId :
JPP-26-020323

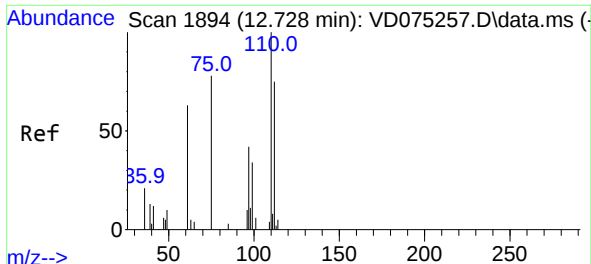
Tgt Ion:117 Resp: 127442
Ion Ratio Lower Upper
117 100
82 52.0 39.6 59.4
119 29.3 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075273.D
Acq: 08 Feb 2023 15:53

Tgt Ion:152 Resp: 56901
Ion Ratio Lower Upper
152 100
115 57.4 28.8 86.4
150 156.7 0.0 348.6

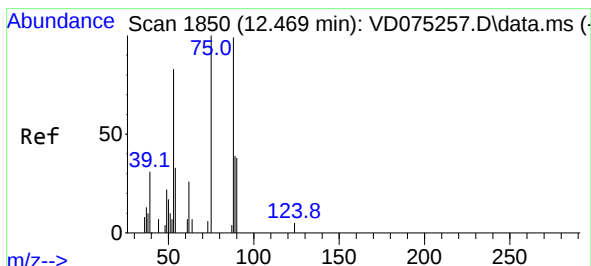
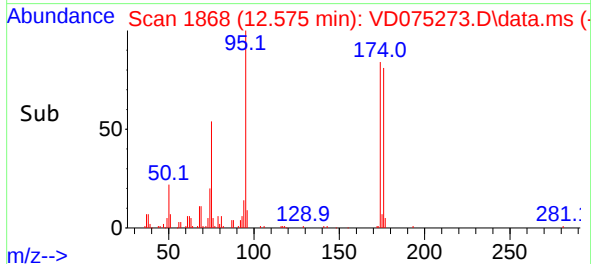
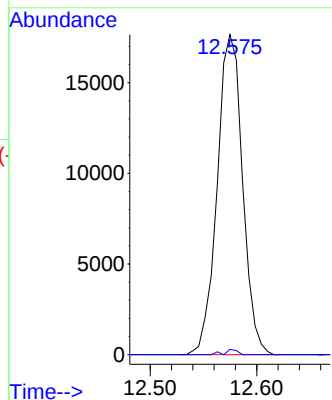
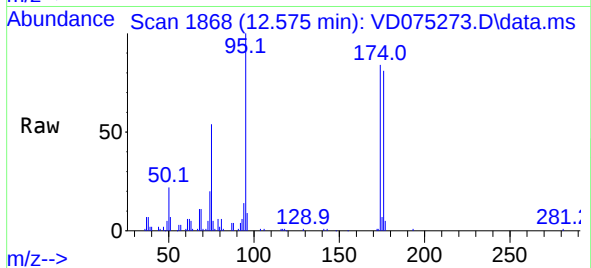




#76
1,2,3-Trichloropropane
Concen: 45.155 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075273.D
Acq: 08 Feb 2023 15:53

Instrument :
MSVOA_D
ClientSampleId :
JPP-26-020323

Tgt Ion: 75 Resp: 29184
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 142.526 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075273.D
Acq: 08 Feb 2023 15:53

Tgt Ion: 75 Resp: 29184
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

