

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
 Data File : VD075275.D
 Acq On : 08 Feb 2023 16:49
 Operator : KP/SY
 Sample : 01445-09
 Misc : 5.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-34-020323

Quant Time: Feb 09 05:42:28 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)

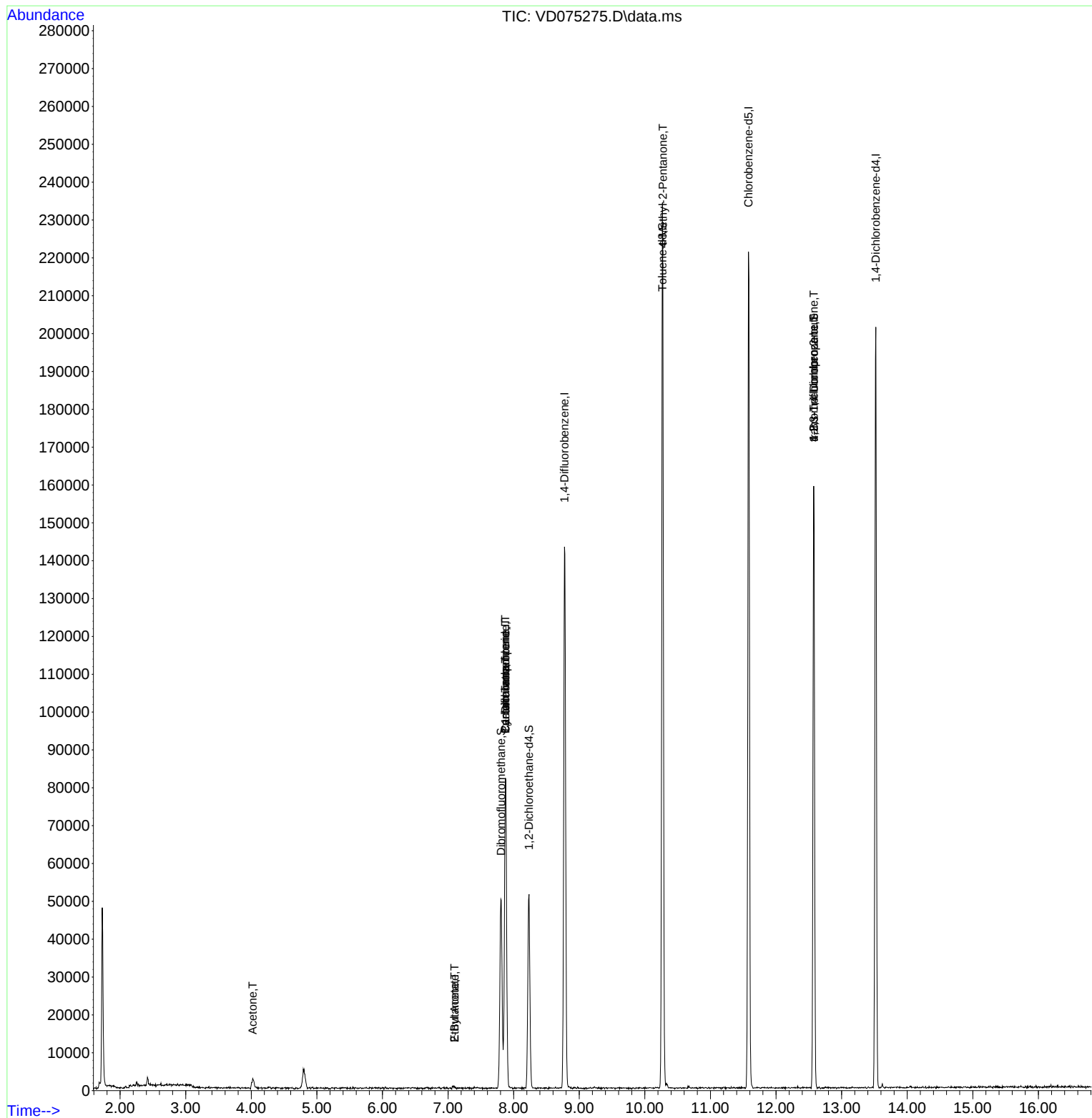
Internal Standards						
1) Pentafluorobenzene	7.875	168	63061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	123772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	122471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	52216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	39698	53.686	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.380%	
35) Dibromofluoromethane	7.810	113	36253	41.772	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 83.540%	
50) Toluene-d8	10.269	98	152757	46.412	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.820%	
62) 4-Bromofluorobenzene	12.575	95	49152	45.290	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	58	Below Cal	#	41
16) Acetone	4.022	43	4296	21.972	ug/l	96
20) Methylene Chloride	4.799	84	3605	Below Cal	#	92
25) 2-Butanone	7.099	43	1070	4.417	ug/l	# 50
31) Cyclohexane	7.875	56	1368	1.042	ug/l	# 32
36) 1,1-Dichloropropene	7.875	75	5359	3.964	ug/l	# 45
37) Ethyl Acetate	7.099	43	1070	1.815	ug/l	# 67
38) Carbon Tetrachloride	7.875	117	6828	5.450	ug/l	# 14
51) 4-Methyl-2-Pentanone	10.275	43	716	1.257	ug/l	# 1
76) 1,2,3-Trichloropropane	12.575	75	27666	46.647	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	27666	147.166	ug/l	# 14

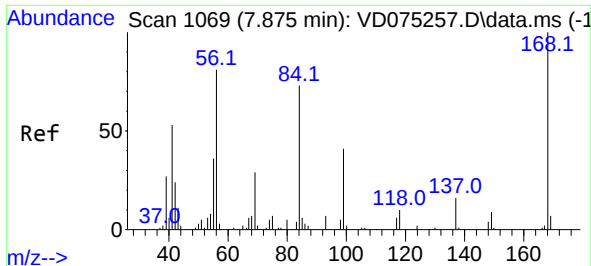
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
Data File : VD075275.D
Acq On : 08 Feb 2023 16:49
Operator : KP/SY
Sample : 01445-09
Misc : 5.50G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
JPP-34-020323

Quant Time: Feb 09 05:42:28 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

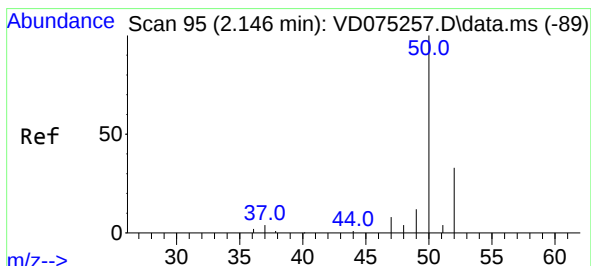
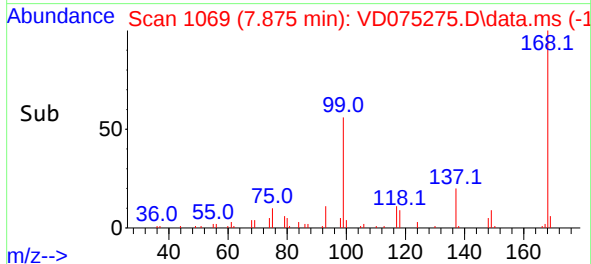
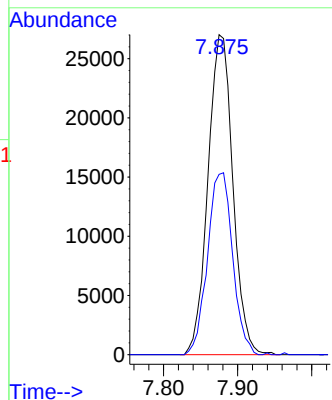
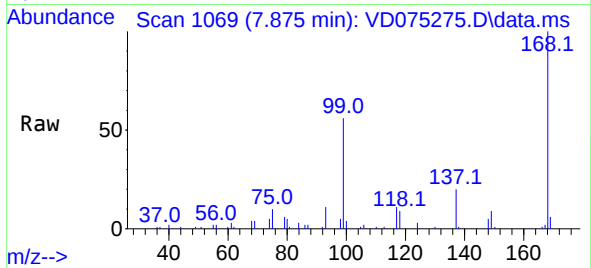




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075275.D
Acq: 08 Feb 2023 16:49

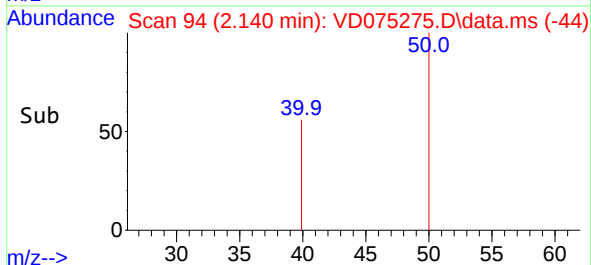
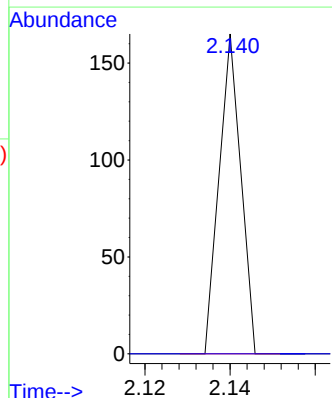
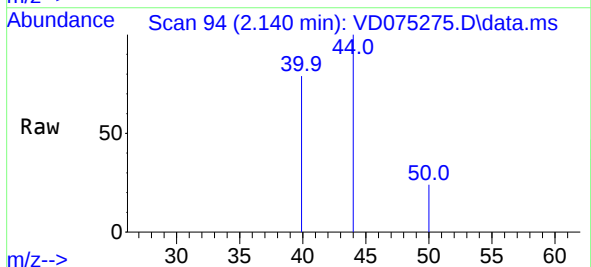
Instrument :
MSVOA_D
ClientSampleId :
JPP-34-020323

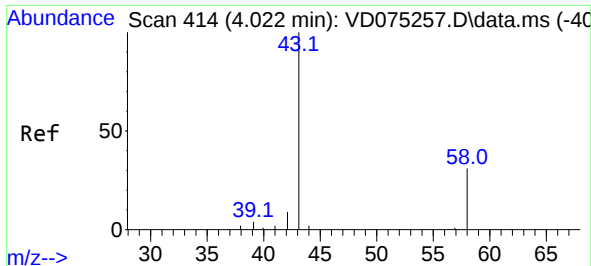
Tgt Ion:168 Resp: 63061
Ion Ratio Lower Upper
168 100
99 56.4 45.2 67.8



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD075275.D
Acq: 08 Feb 2023 16:49

Tgt Ion: 50 Resp: 58
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

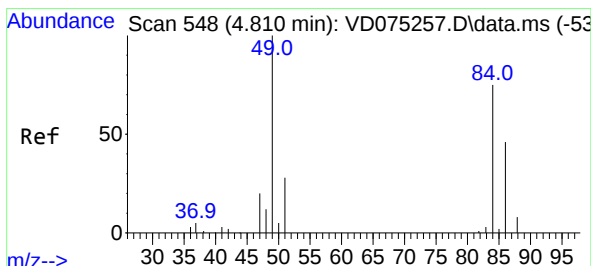
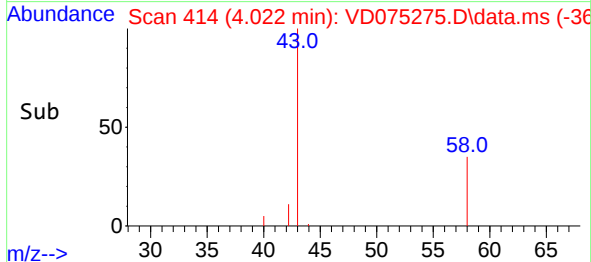
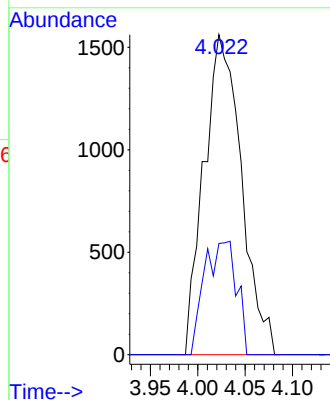
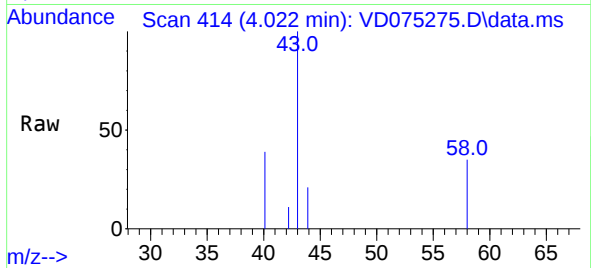




#16
Acetone
Concen: 21.972 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075275.D
Acq: 08 Feb 2023 16:49

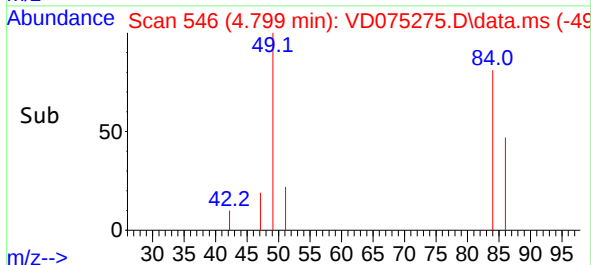
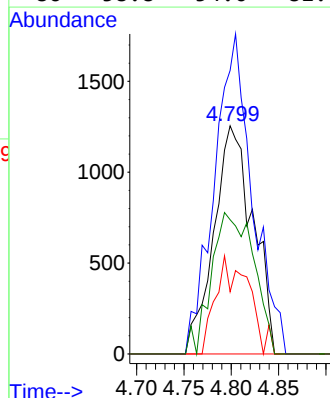
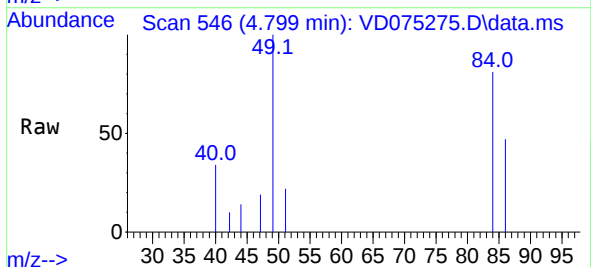
Instrument :
MSVOA_D
ClientSampleId :
JPP-34-020323

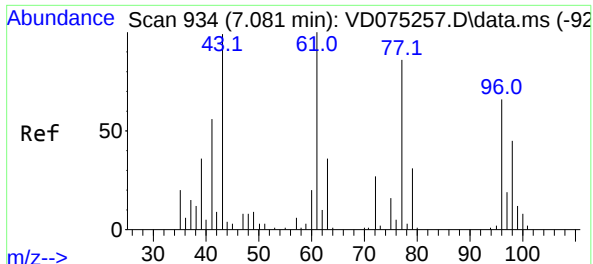
Tgt Ion: 43 Resp: 4296
Ion Ratio Lower Upper
43 100
58 34.8 26.0 39.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD075275.D
Acq: 08 Feb 2023 16:49

Tgt Ion: 84 Resp: 3605
Ion Ratio Lower Upper
84 100
49 124.2 97.0 145.6
51 27.2 30.9 46.3#
86 58.8 54.0 81.0





#25

2-Butanone

Concen: 4.417 ug/l

RT: 7.099 min Scan# 91

Delta R.T. 0.018 min

Lab File: VD075275.D

Acq: 08 Feb 2023 16:49

Instrument :

MSVOA_D

ClientSampleId :

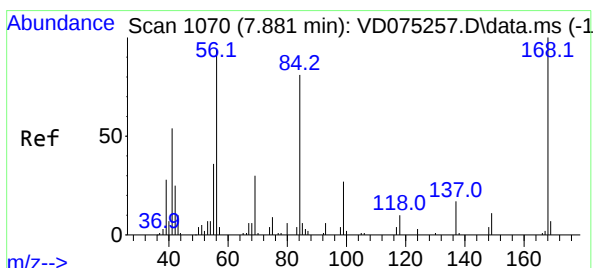
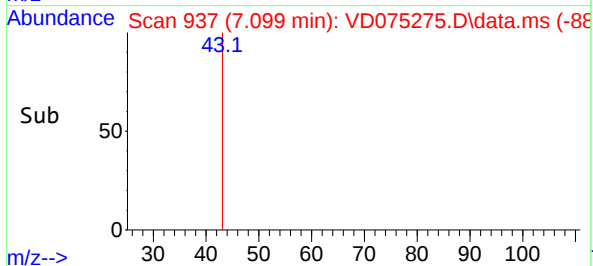
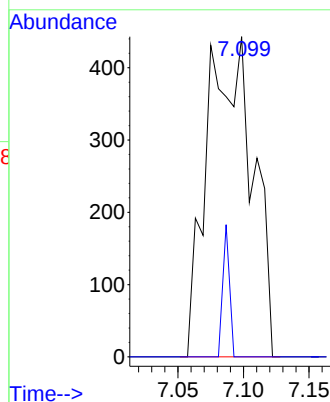
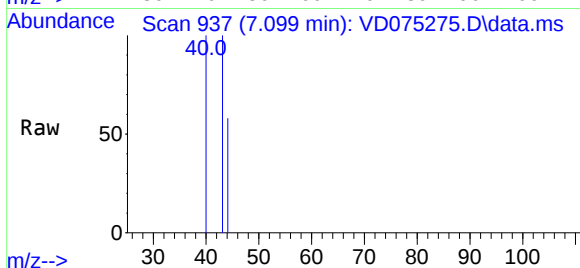
JPP-34-020323

Tgt Ion: 43 Resp: 1070

Ion Ratio Lower Upper

43 100

72 0.0 19.8 29.8#



#31

Cyclohexane

Concen: 1.042 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075275.D

Acq: 08 Feb 2023 16:49

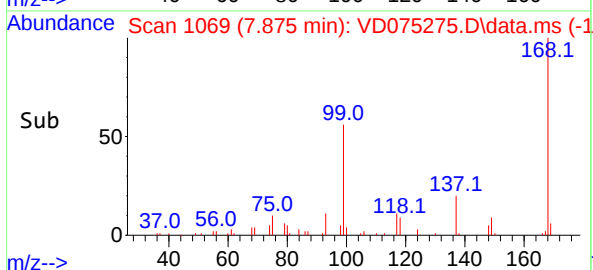
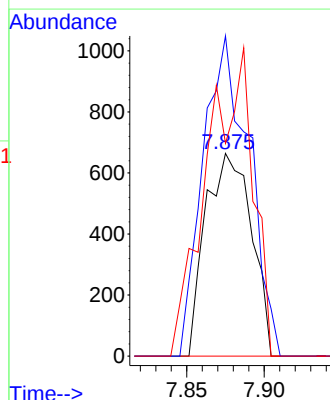
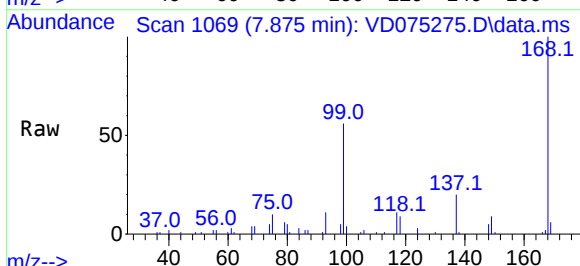
Tgt Ion: 56 Resp: 1368

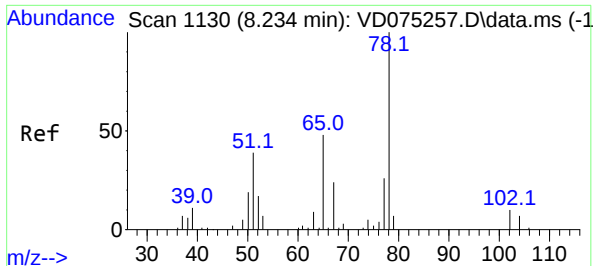
Ion Ratio Lower Upper

56 100

69 158.0 26.6 40.0#

84 105.0 74.1 111.1

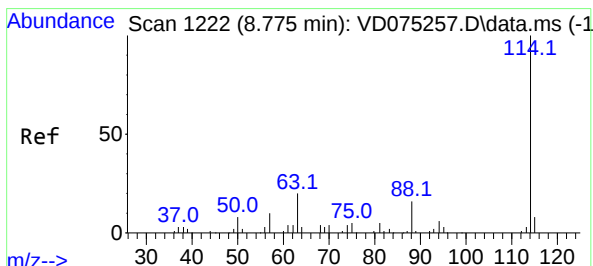
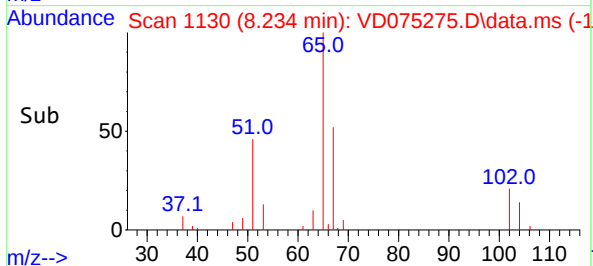
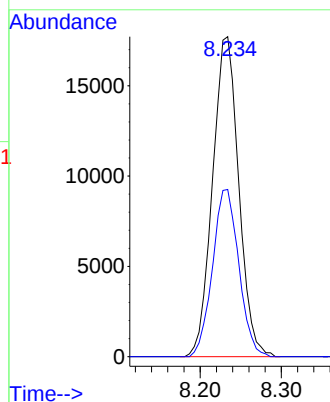
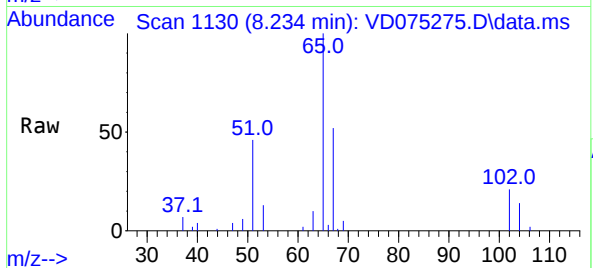




#33
1,2-Dichloroethane-d4
Concen: 53.686 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075275.D
Acq: 08 Feb 2023 16:49

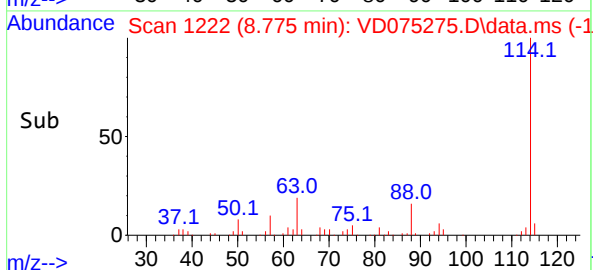
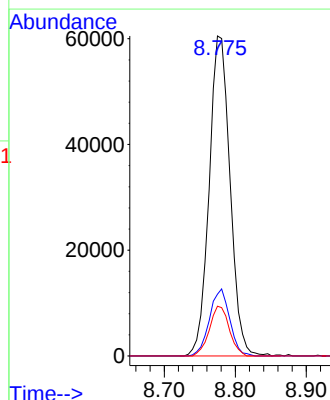
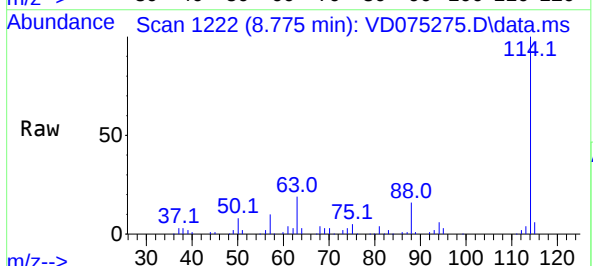
Instrument :
MSVOA_D
ClientSampleId :
JPP-34-020323

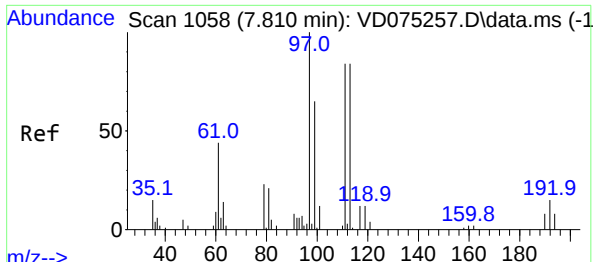
Tgt Ion: 65 Resp: 39698
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD075275.D
Acq: 08 Feb 2023 16:49

Tgt Ion: 114 Resp: 123772
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.2
88 15.6 0.0 32.2



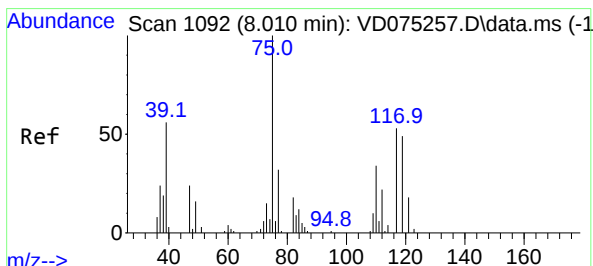
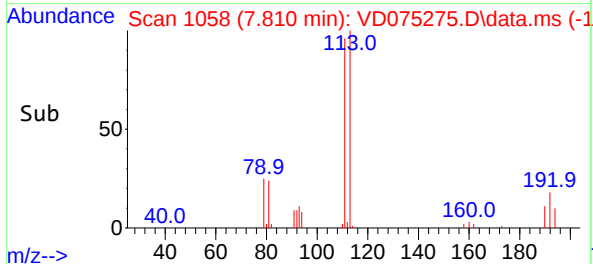
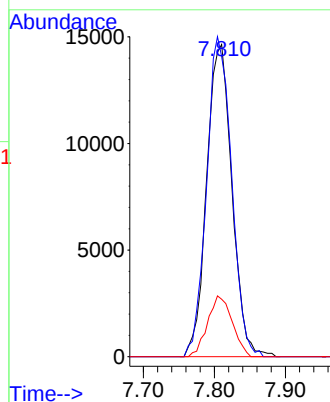
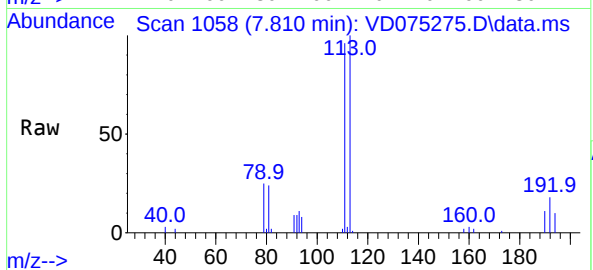


#35
Dibromofluoromethane
Concen: 41.772 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD075275.D
Acq: 08 Feb 2023 16:49

Instrument :
MSVOA_D
ClientSampleId :
JPP-34-020323

Tgt Ion: 113 Resp: 36253

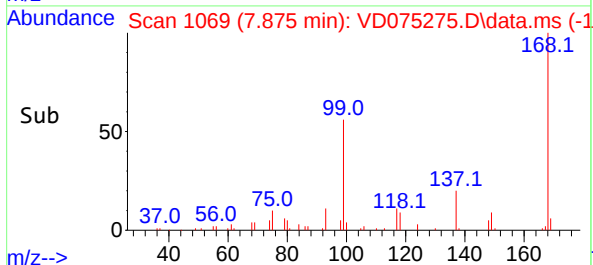
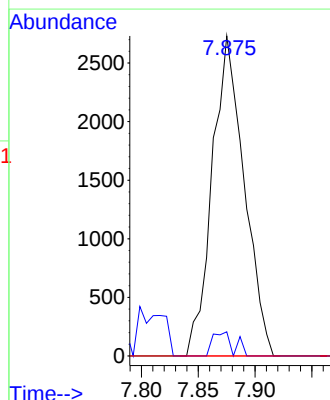
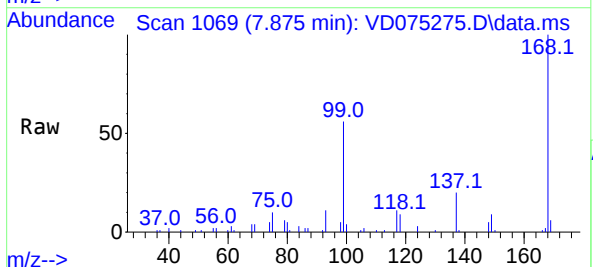
Ion	Ratio	Lower	Upper
113	100		
111	101.3	80.1	120.1
192	18.9	15.4	23.0

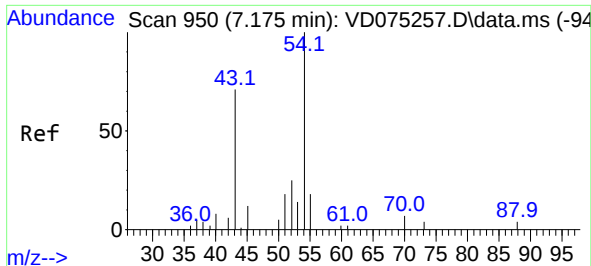


#36
1,1-Dichloropropene
Concen: 3.964 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075275.D
Acq: 08 Feb 2023 16:49

Tgt Ion: 75 Resp: 5359

Ion	Ratio	Lower	Upper
75	100		
110	4.9	18.1	54.4#
77	0.0	25.1	37.7#

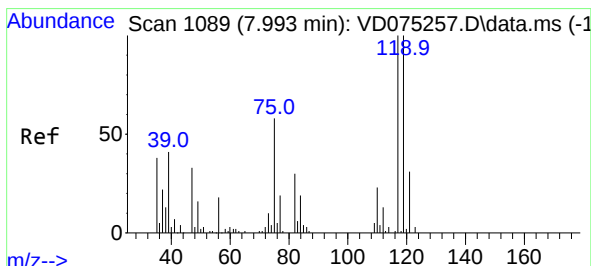
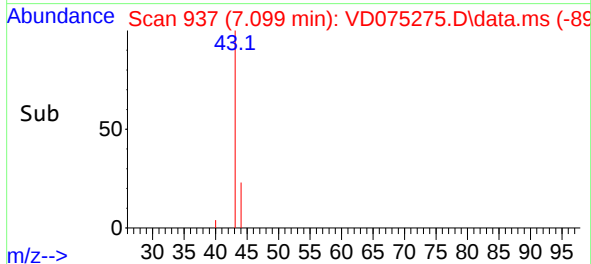
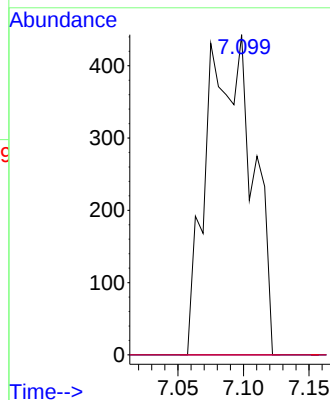
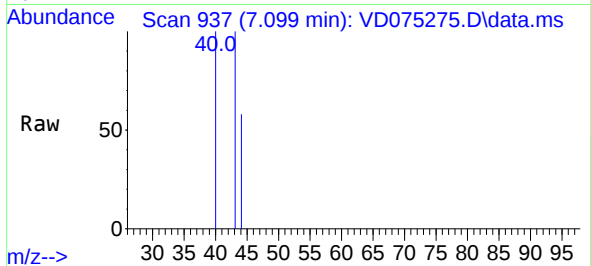




#37
Ethyl Acetate
Concen: 1.815 ug/l
RT: 7.099 min Scan# 91
Delta R.T. -0.076 min
Lab File: VD075275.D
Acq: 08 Feb 2023 16:49

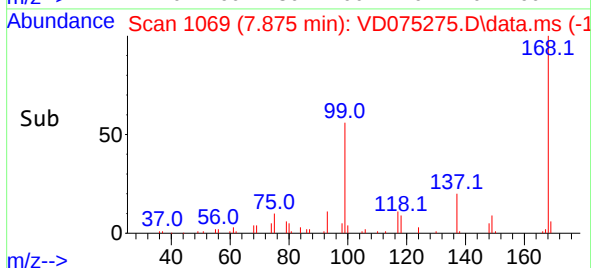
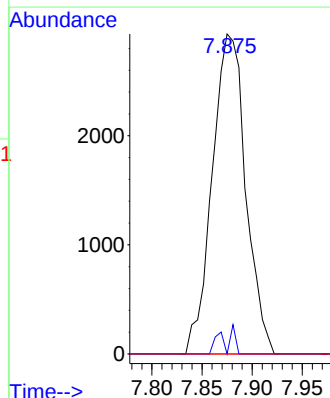
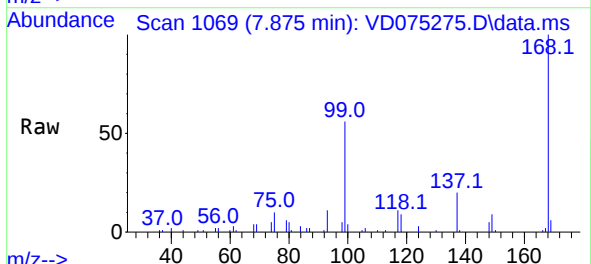
Instrument :
MSVOA_D
ClientSampleId :
JPP-34-020323

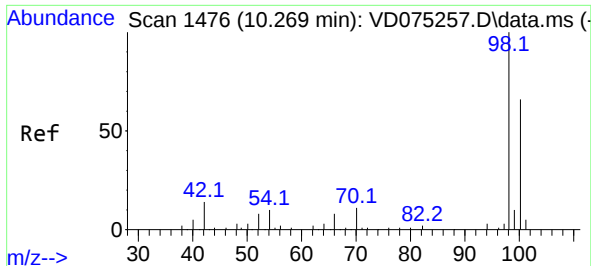
Tgt Ion: 43 Resp: 1070
Ion Ratio Lower Upper
43 100
61 0.0 11.7 17.5#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 5.450 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075275.D
Acq: 08 Feb 2023 16:49

Tgt Ion: 117 Resp: 6828
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.4 38.0#

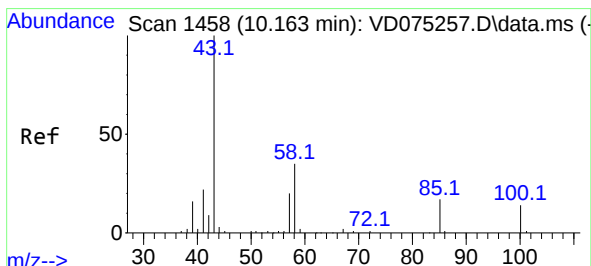
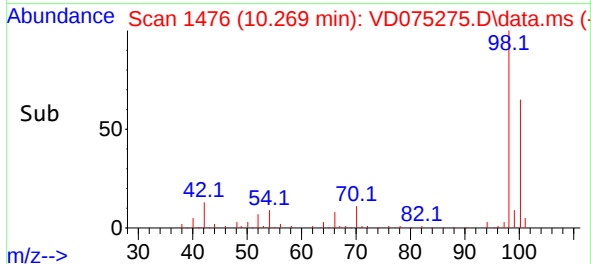
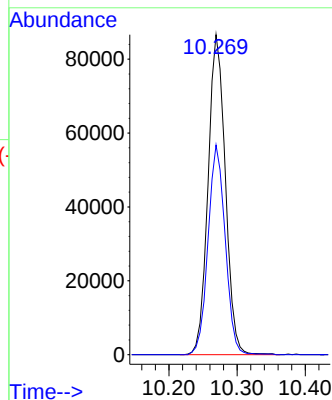
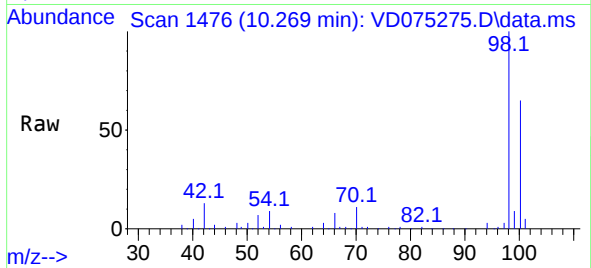




#50
Toluene-d8
Concen: 46.412 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075275.D
Acq: 08 Feb 2023 16:49

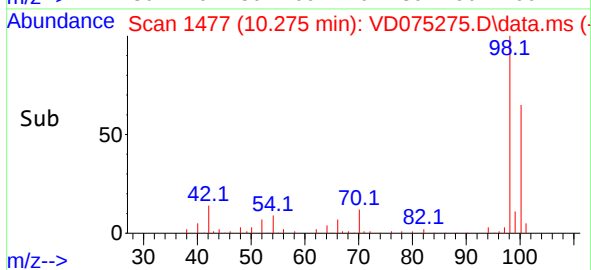
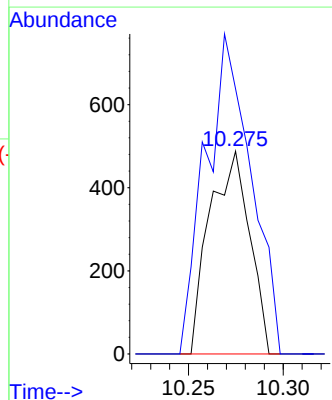
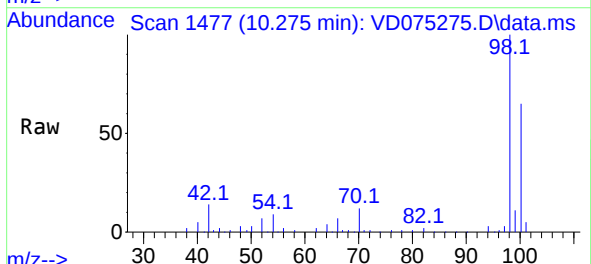
Instrument :
MSVOA_D
ClientSampleId :
JPP-34-020323

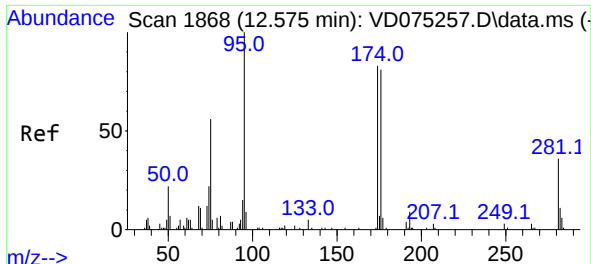
Tgt Ion: 98 Resp: 152757
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.257 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.112 min
Lab File: VD075275.D
Acq: 08 Feb 2023 16:49

Tgt Ion: 43 Resp: 716
Ion Ratio Lower Upper
43 100
58 179.7 31.4 47.0#

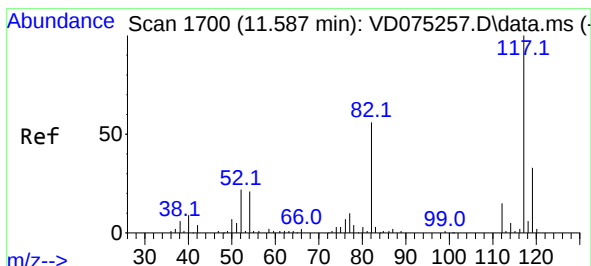
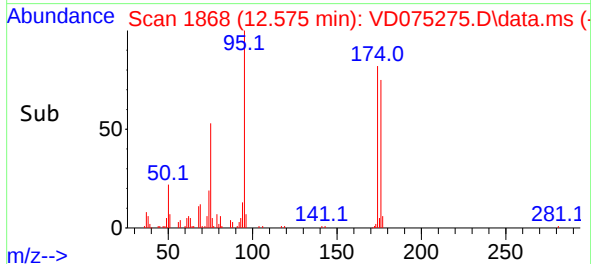
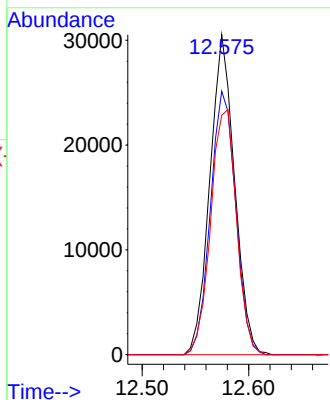
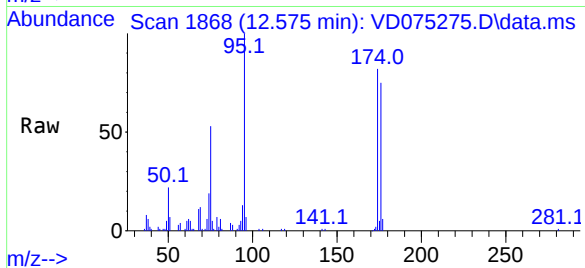




#62
4-Bromofluorobenzene
Concen: 45.290 ug/l
RT: 12.575 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VD075275.D
Acq: 08 Feb 2023 16:49

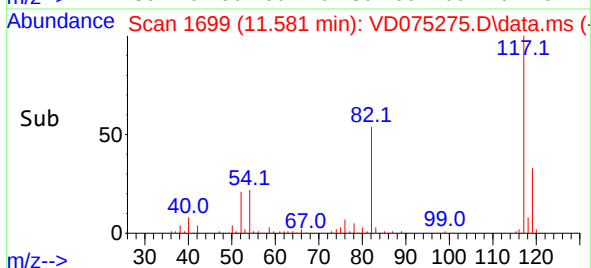
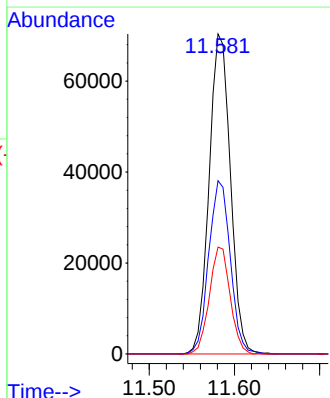
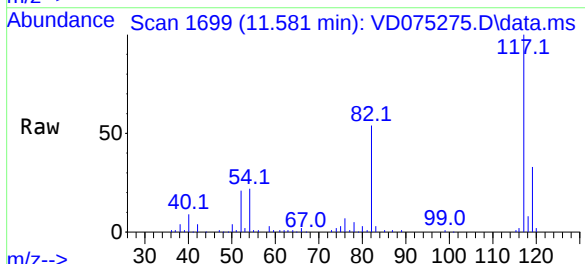
Instrument :
MSVOA_D
ClientSampleId :
JPP-34-020323

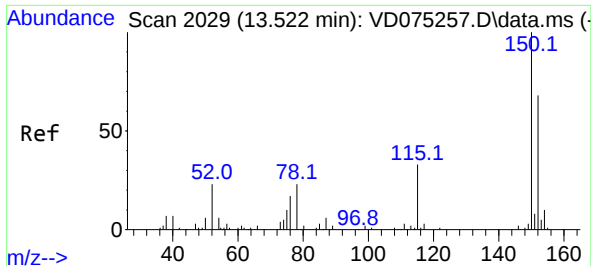
Tgt Ion:	95	Resp:	49152
Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	161.2
176	80.0	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075275.D
Acq: 08 Feb 2023 16:49

Tgt Ion:	117	Resp:	122471
Ion	Ratio	Lower	Upper
117	100		
82	54.1	39.6	59.4
119	33.4	24.6	37.0

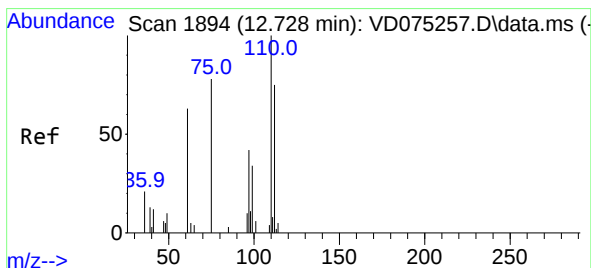
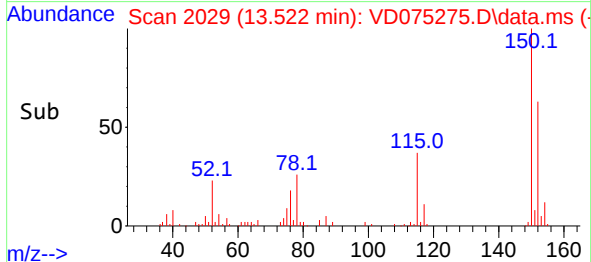
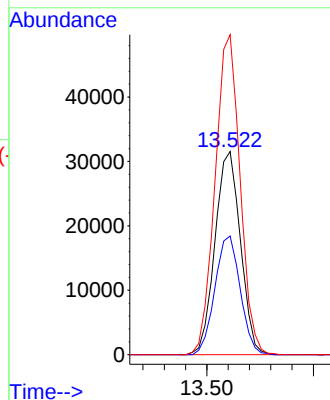
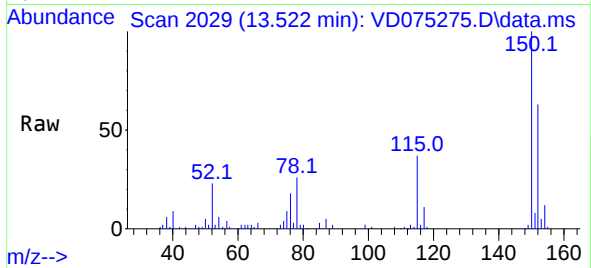




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075275.D
Acq: 08 Feb 2023 16:49

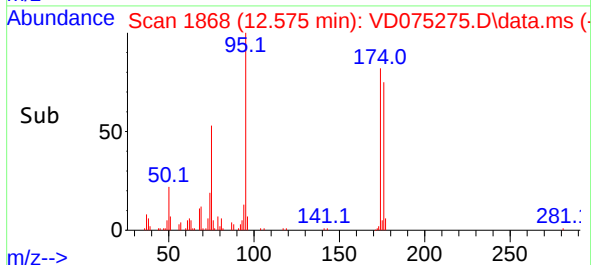
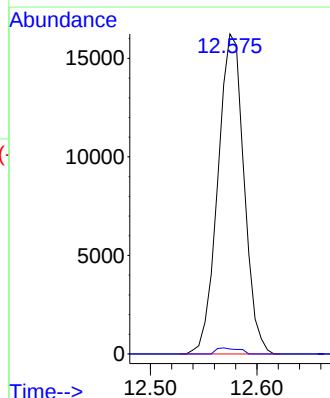
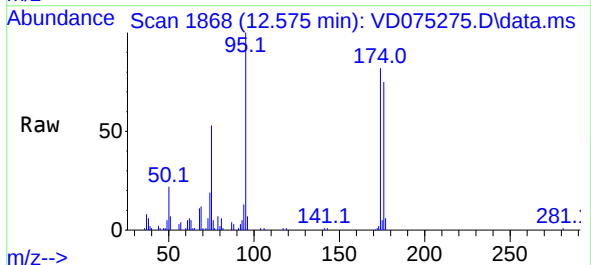
Instrument :
MSVOA_D
ClientSampleId :
JPP-34-020323

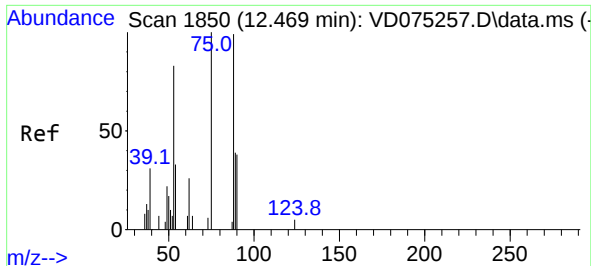
Tgt Ion:152 Resp: 52216
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.4
150 154.5 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 46.647 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075275.D
Acq: 08 Feb 2023 16:49

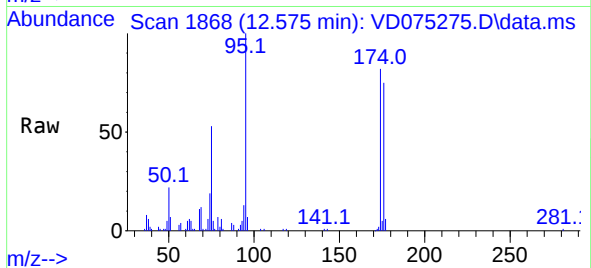
Tgt Ion: 75 Resp: 27666
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 147.166 ug/l
 RT: 12.575 min Scan# 1850
 Delta R.T. 0.106 min
 Lab File: VD075275.D
 Acq: 08 Feb 2023 16:49

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-34-020323



Tgt Ion: 75 Resp: 27666
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.5 105.7#
 89 0.0 34.6 52.0#

