

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075291.D
 Acq On : 09 Feb 2023 13:44
 Operator : KP/SY
 Sample : 01510-09
 Misc : 5.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-55-020823

Quant Time: Feb 10 02:01:45 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)

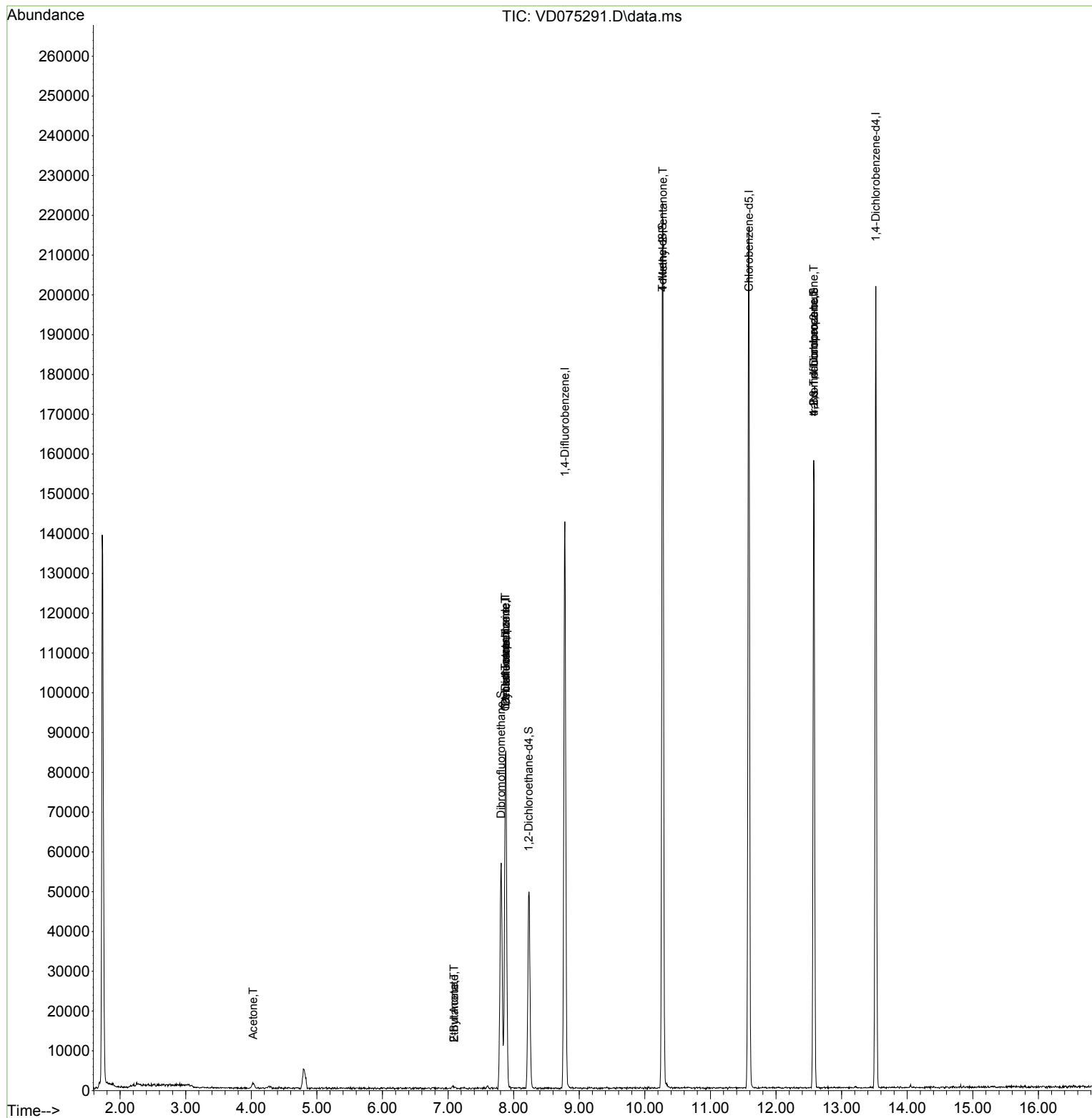
Internal Standards						
1) Pentafluorobenzene	7.881	168	63674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	121691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	118706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	48522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	38842	52.023	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.040%	
35) Dibromofluoromethane	7.810	113	40120	47.018	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.040%	
50) Toluene-d8	10.269	98	151412	46.790	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.580%	
62) 4-Bromofluorobenzene	12.574	95	49092	46.008	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.020%	
Target Compounds						Qvalue
3) Chloromethane	2.157	50	63	Below Cal	#	41
16) Acetone	4.028	43	2554	12.937	ug/l #	86
20) Methylene Chloride	4.804	84	3607	Below Cal		86
25) 2-Butanone	7.092	43	937	3.830	ug/l #	50
31) Cyclohexane	7.881	56	1730	1.305	ug/l #	44
36) 1,1-Dichloropropene	7.875	75	5570	4.190	ug/l #	43
37) Ethyl Acetate	7.092	43	937	1.616	ug/l #	67
38) Carbon Tetrachloride	7.875	117	6755	5.484	ug/l #	14
51) 4-Methyl-2-Pentanone	10.275	43	802	1.432	ug/l #	1
76) 1,2,3-Trichloropropane	12.574	75	26890	48.790	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.574	75	26890	153.831	ug/l #	14

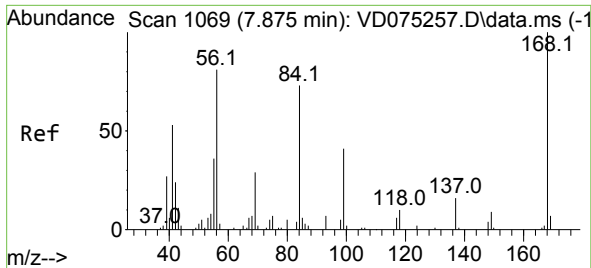
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD075291\
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
JPP-55-020823

Quant Time: Feb 10 02:01:45 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

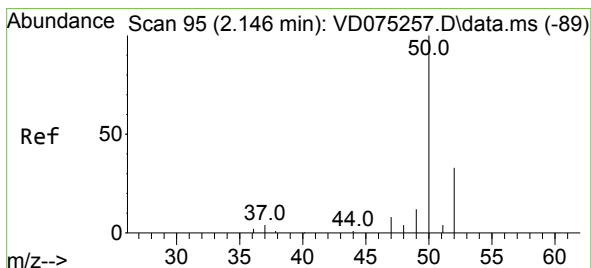
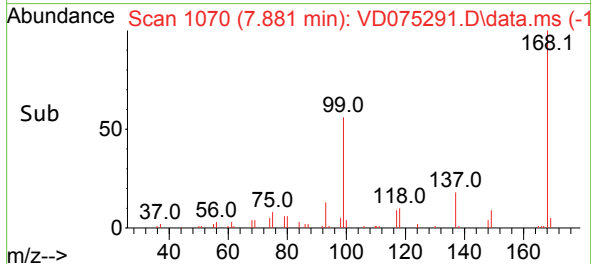
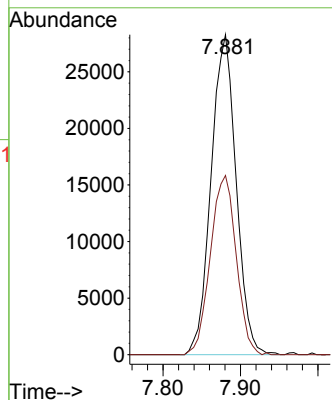
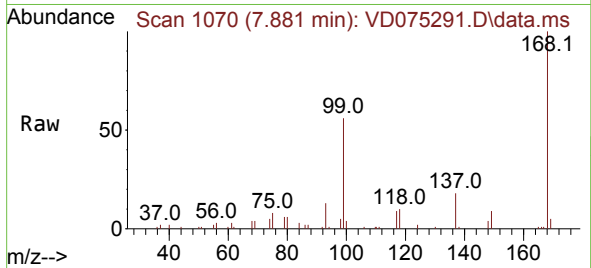




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD075291.D
Acq: 09 Feb 2023 13:44

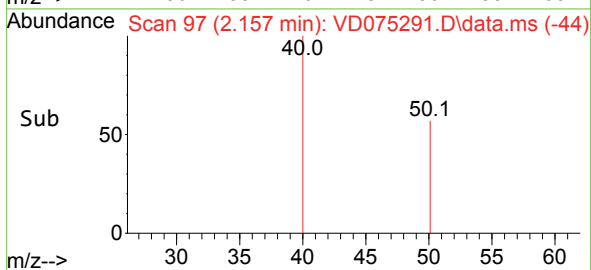
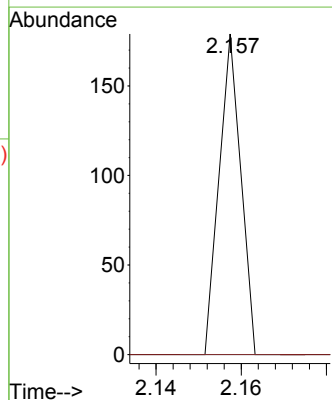
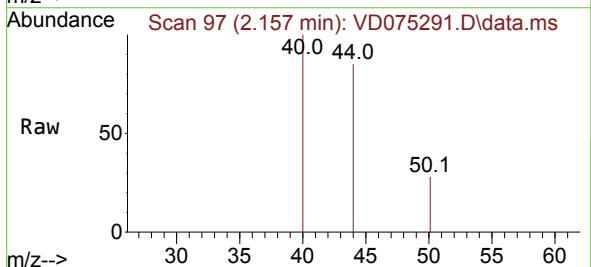
Instrument :
MSVOA_D
ClientSampleId :
JPP-55-020823

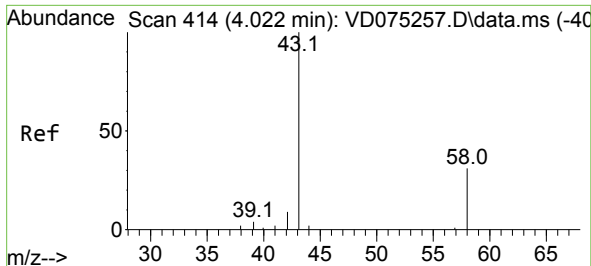
Tgt Ion:168 Resp: 63674
Ion Ratio Lower Upper
168 100
99 56.0 45.2 67.8



#3
Chloromethane
Concen: Below Cal
RT: 2.157 min Scan# 97
Delta R.T. 0.011 min
Lab File: VD075291.D
Acq: 09 Feb 2023 13:44

Tgt Ion: 50 Resp: 63
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#





#16

Acetone

Concen: 12.937 ug/l

RT: 4.028 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD075291.D

Acq: 09 Feb 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

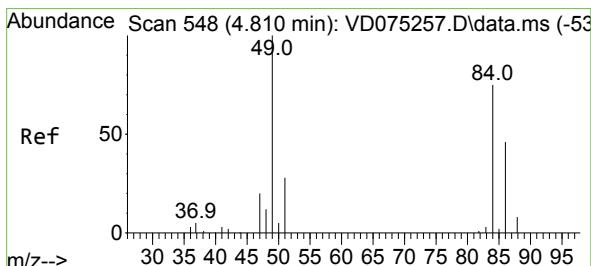
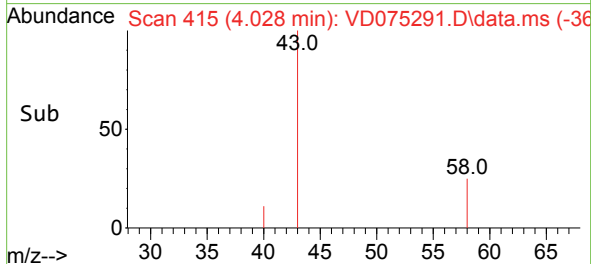
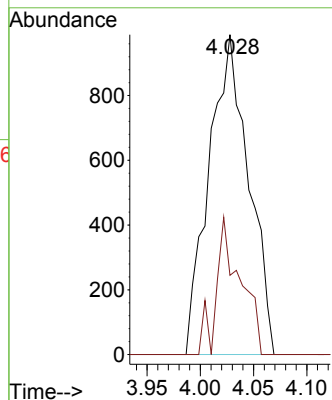
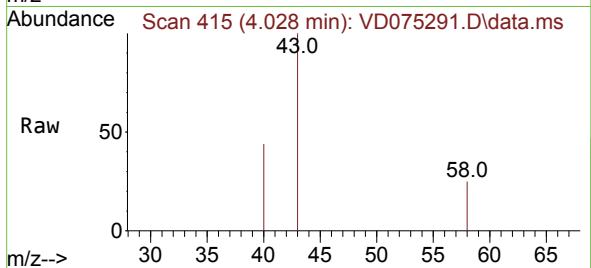
JPP-55-020823

Tgt Ion: 43 Resp: 2554

Ion Ratio Lower Upper

43 100

58 24.8 26.0 39.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.804 min Scan# 547

Delta R.T. -0.006 min

Lab File: VD075291.D

Acq: 09 Feb 2023 13:44

Tgt Ion: 84 Resp: 3607

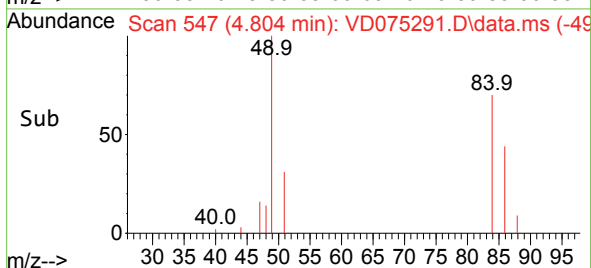
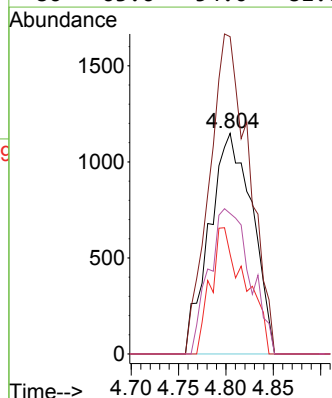
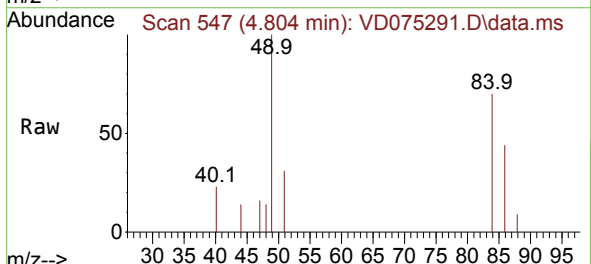
Ion Ratio Lower Upper

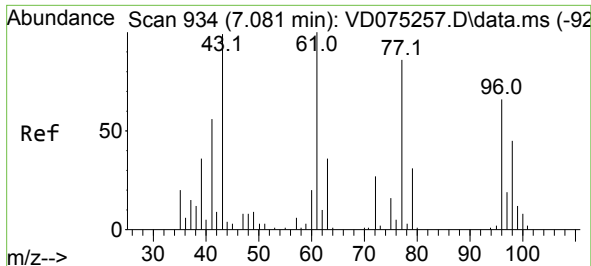
84 100

49 143.8 97.0 145.6

51 45.2 30.9 46.3

86 63.6 54.0 81.0

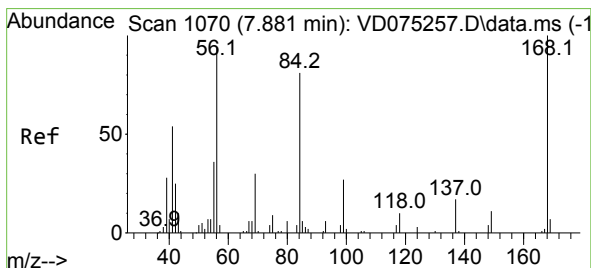
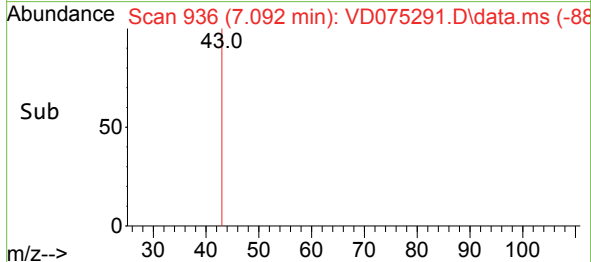
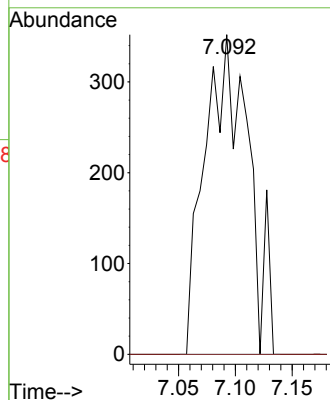
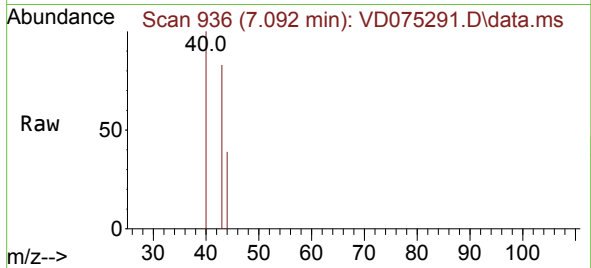




#25
2-Butanone
Concen: 3.830 ug/l
RT: 7.092 min Scan# 91
Delta R.T. 0.011 min
Lab File: VD075291.D
Acq: 09 Feb 2023 13:44

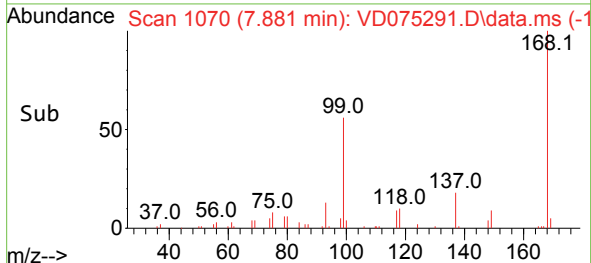
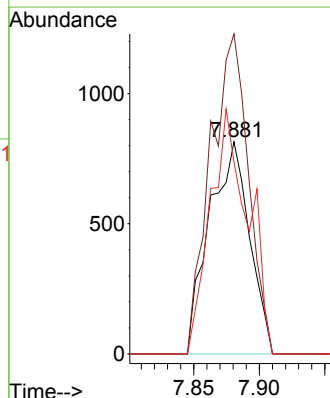
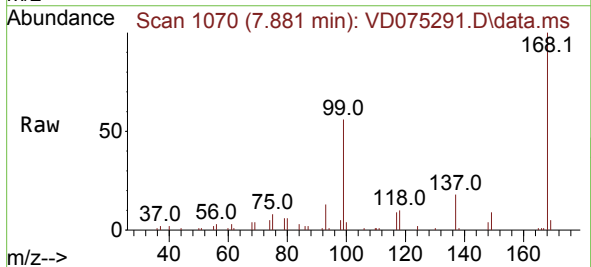
Instrument :
MSVOA_D
ClientSampleId :
JPP-55-020823

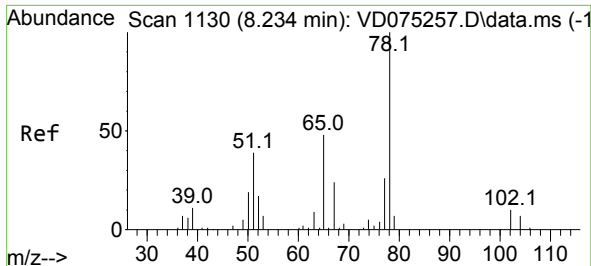
Tgt Ion: 43 Resp: 937
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.8#



#31
Cyclohexane
Concen: 1.305 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075291.D
Acq: 09 Feb 2023 13:44

Tgt Ion: 56 Resp: 1730
Ion Ratio Lower Upper
56 100
69 150.8 26.6 40.0#
84 90.6 74.1 111.1





#33

1,2-Dichloroethane-d4

Concen: 52.023 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075291.D

Acq: 09 Feb 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

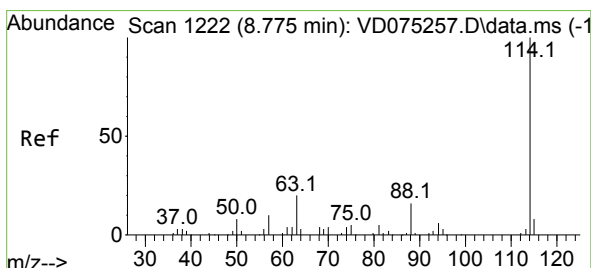
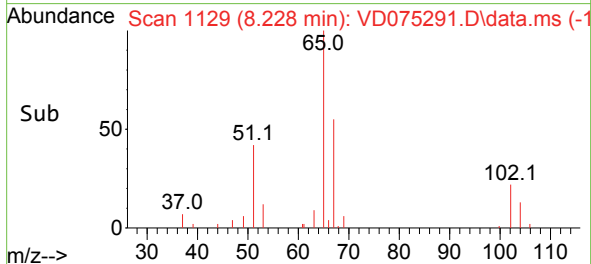
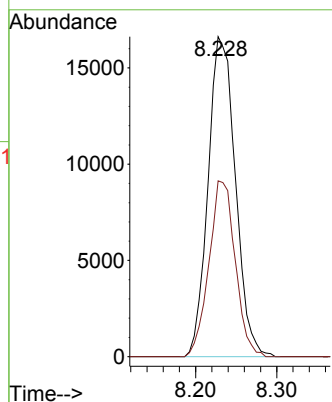
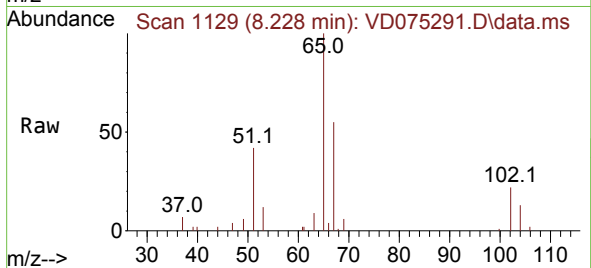
JPP-55-020823

Tgt Ion: 65 Resp: 38842

Ion Ratio Lower Upper

65 100

67 52.9 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: VD075291.D

Acq: 09 Feb 2023 13:44

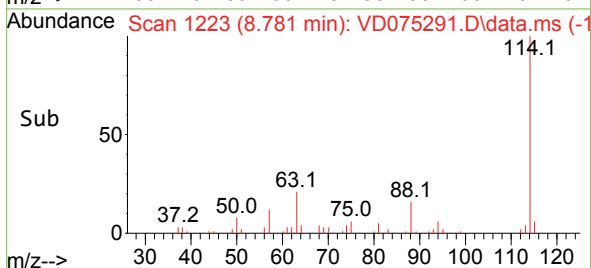
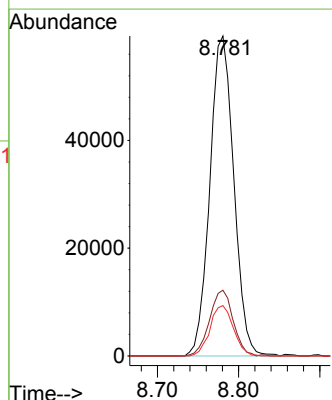
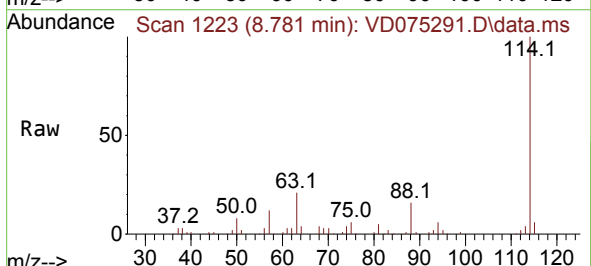
Tgt Ion:114 Resp: 121691

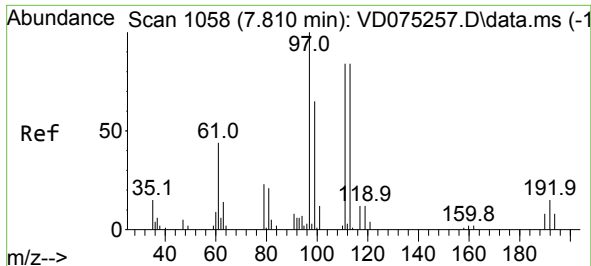
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 15.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 47.018 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075291.D

Acq: 09 Feb 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

JPP-55-020823

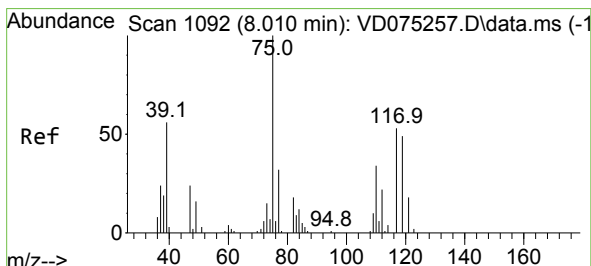
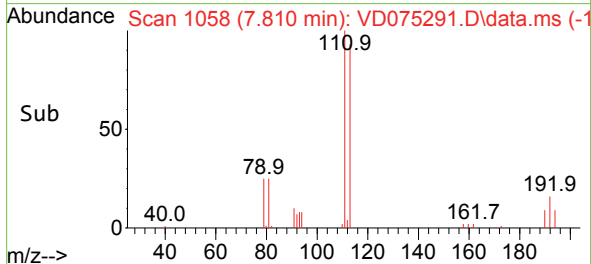
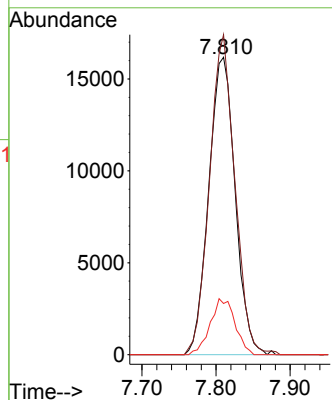
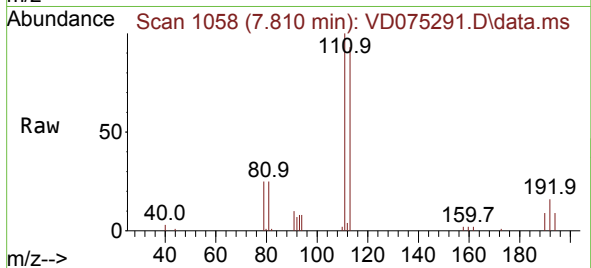
Tgt Ion:113 Resp: 40120

Ion Ratio Lower Upper

113 100

111 103.0 80.1 120.1

192 17.6 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.190 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075291.D

Acq: 09 Feb 2023 13:44

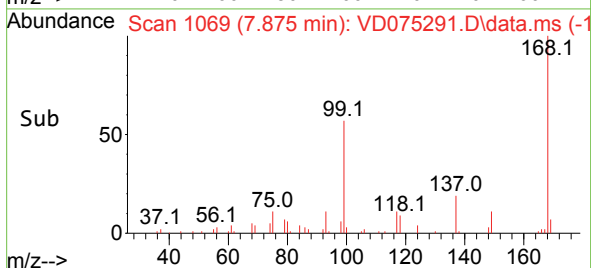
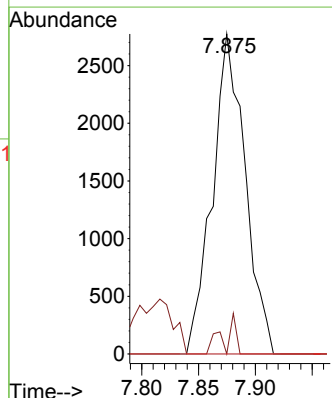
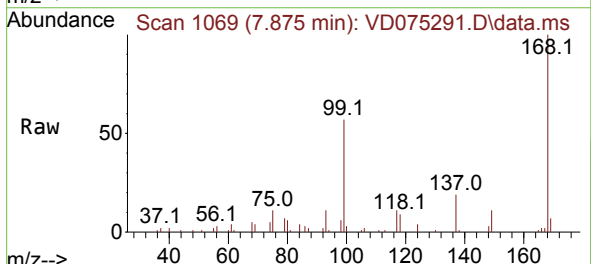
Tgt Ion: 75 Resp: 5570

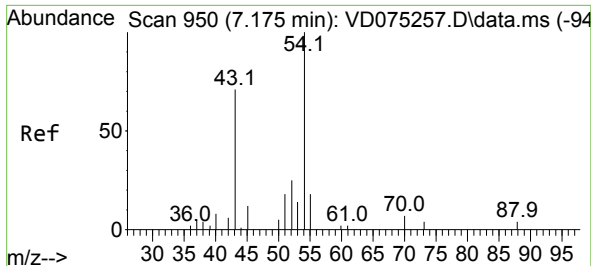
Ion Ratio Lower Upper

75 100

110 2.3 18.1 54.4#

77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.616 ug/l

RT: 7.092 min Scan# 91

Delta R.T. -0.083 min

Lab File: VD075291.D

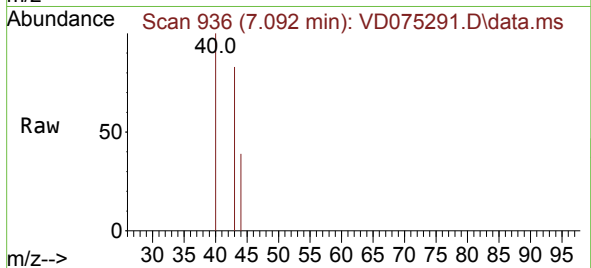
Acq: 09 Feb 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

JPP-55-020823



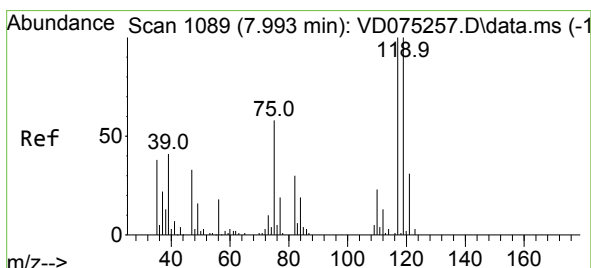
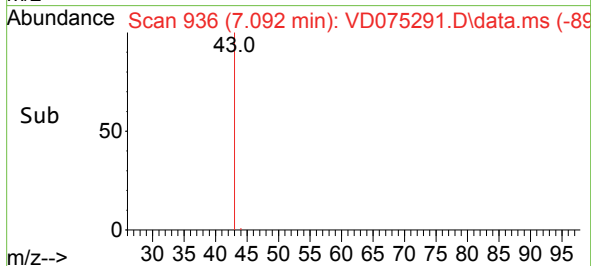
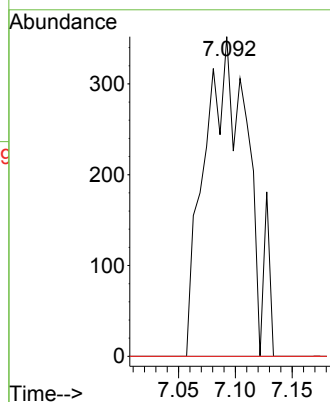
Tgt Ion: 43 Resp: 937

Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

70 0.0 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 5.484 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075291.D

Acq: 09 Feb 2023 13:44

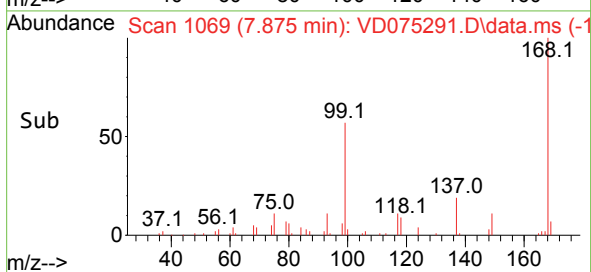
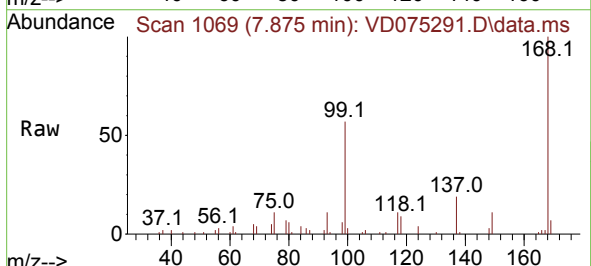
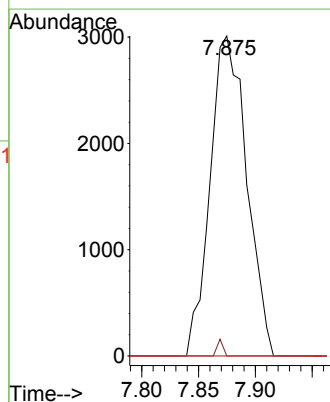
Tgt Ion: 117 Resp: 6755

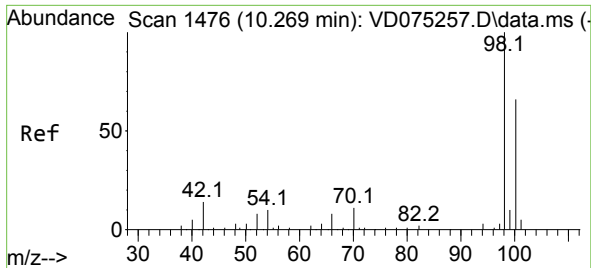
Ion Ratio Lower Upper

117 100

119 0.0 73.6 110.4#

121 0.0 25.4 38.0#

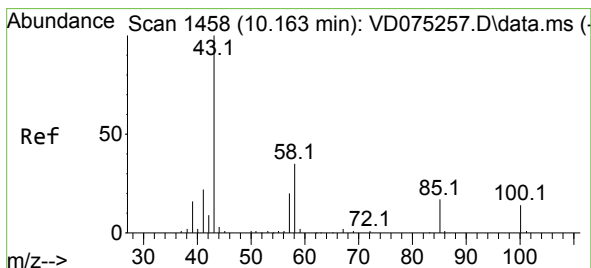
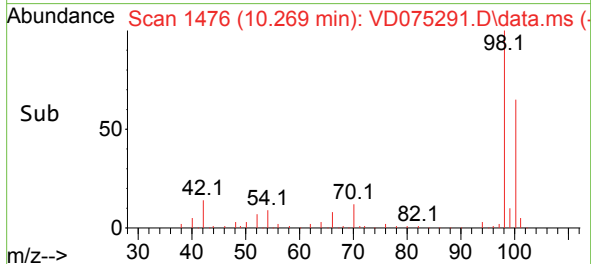
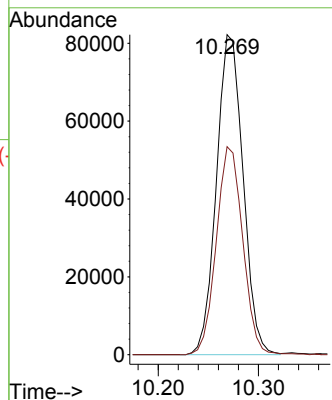
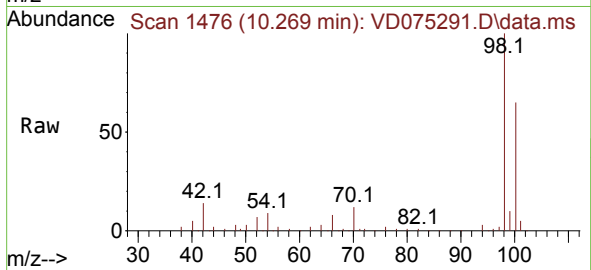




#50
Toluene-d8
Concen: 46.790 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075291.D
Acq: 09 Feb 2023 13:44

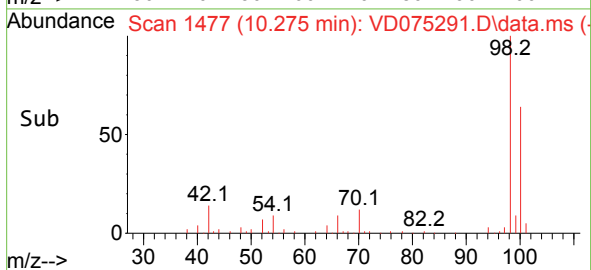
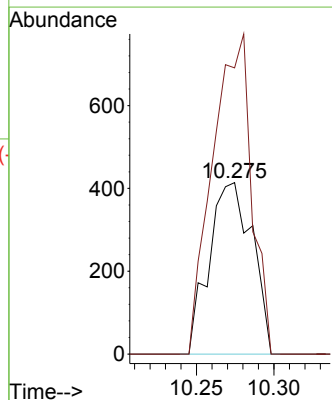
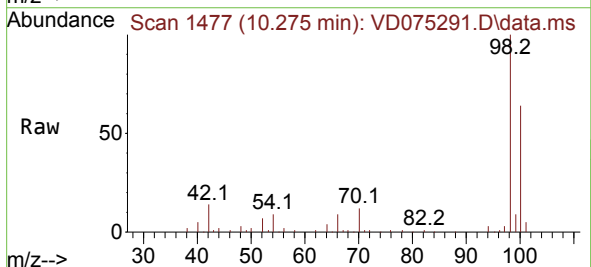
Instrument :
MSVOA_D
ClientSampleId :
JPP-55-020823

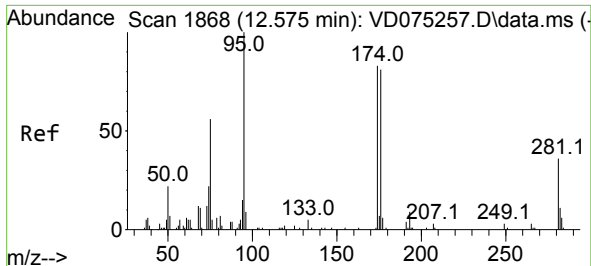
Tgt Ion: 98 Resp: 151412
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.432 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.112 min
Lab File: VD075291.D
Acq: 09 Feb 2023 13:44

Tgt Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
58 168.7 31.4 47.0#

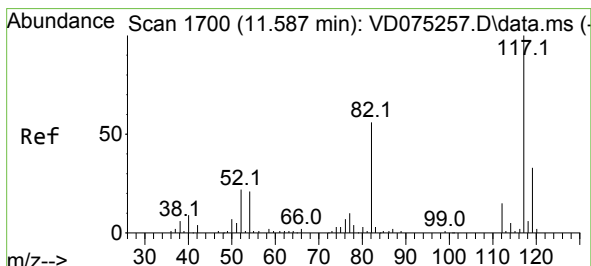
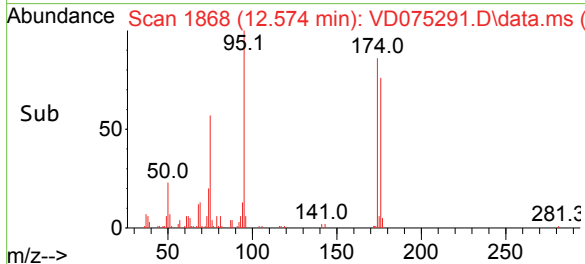
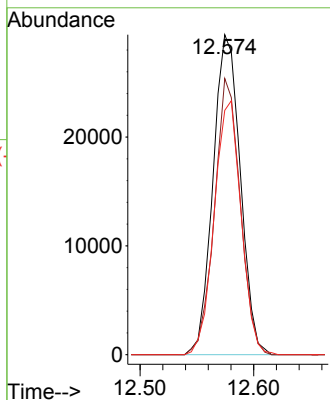
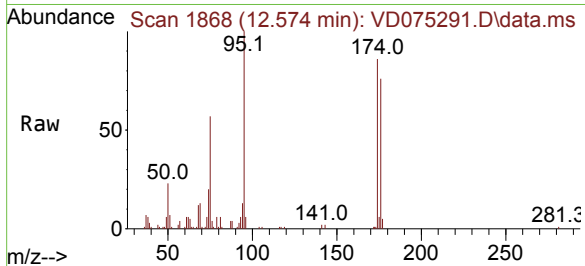




#62
4-Bromofluorobenzene
Concen: 46.008 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD075291.D
Acq: 09 Feb 2023 13:44

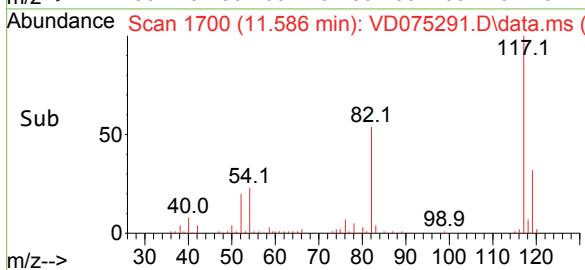
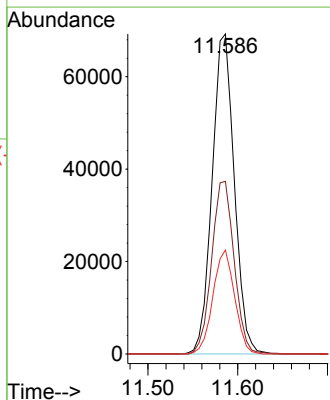
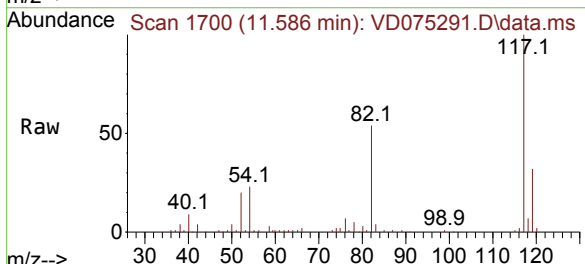
Instrument :
MSVOA_D
ClientSampleId :
JPP-55-020823

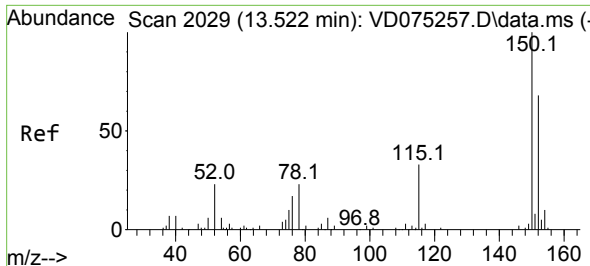
Tgt Ion: 95 Resp: 49092
Ion Ratio Lower Upper
95 100
174 81.3 0.0 161.2
176 78.1 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 1700
Delta R.T. -0.001 min
Lab File: VD075291.D
Acq: 09 Feb 2023 13:44

Tgt Ion: 117 Resp: 118706
Ion Ratio Lower Upper
117 100
82 53.9 39.6 59.4
119 32.5 24.6 37.0

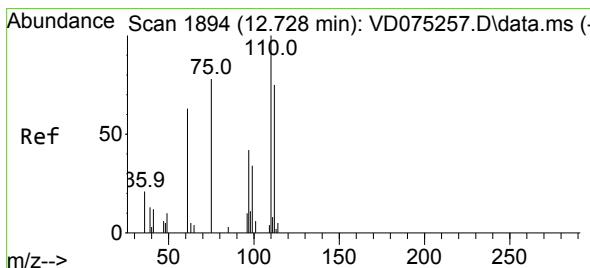
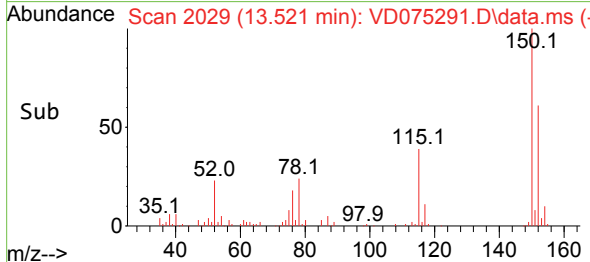
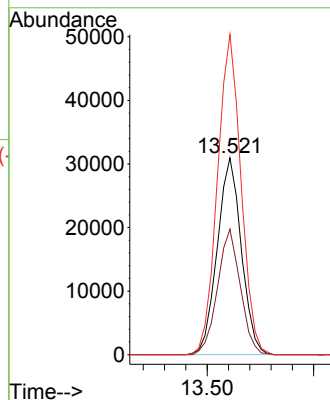
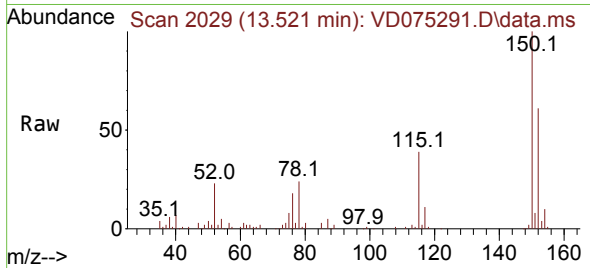




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.521 min Scan# 20
 Delta R.T. -0.001 min
 Lab File: VD075291.D
 Acq: 09 Feb 2023 13:44

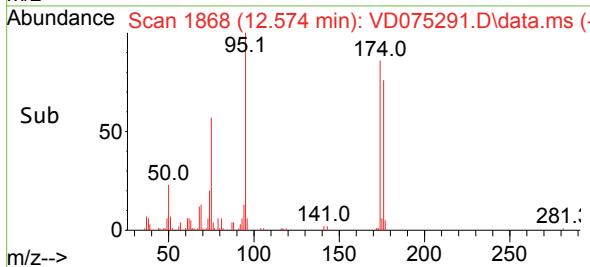
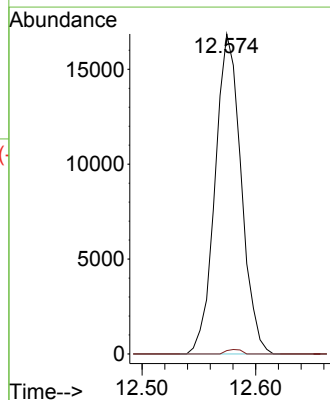
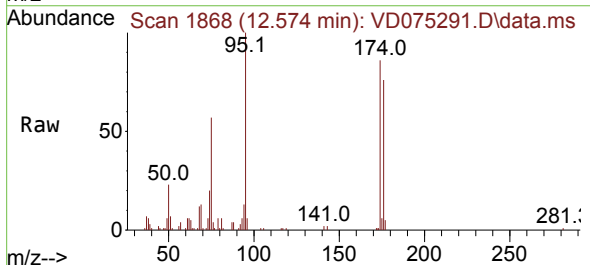
Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-55-020823

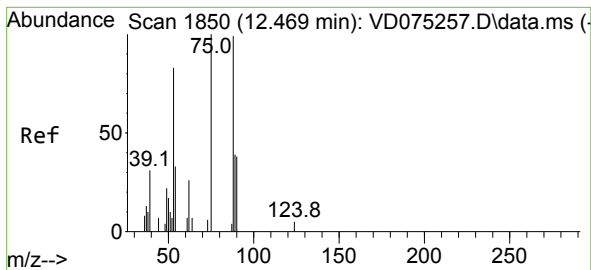
Tgt Ion:152 Resp: 48522
 Ion Ratio Lower Upper
 152 100
 115 60.5 28.8 86.4
 150 159.0 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 48.790 ug/l
 RT: 12.574 min Scan# 1868
 Delta R.T. -0.154 min
 Lab File: VD075291.D
 Acq: 09 Feb 2023 13:44

Tgt Ion: 75 Resp: 26890
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 153.831 ug/l
 RT: 12.574 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VD075291.D
 Acq: 09 Feb 2023 13:44

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-55-020823

Tgt Ion: 75 Resp: 26890
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.5 105.7#
 89 0.0 34.6 52.0#

