

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075302.D
 Acq On : 09 Feb 2023 18:58
 Operator : KP/SY
 Sample : 01508-06
 Misc : 4.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RS-2

Quant Time: Feb 10 02:06:15 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	70569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	126666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	124503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	57307	50.000	ug/l	0.00

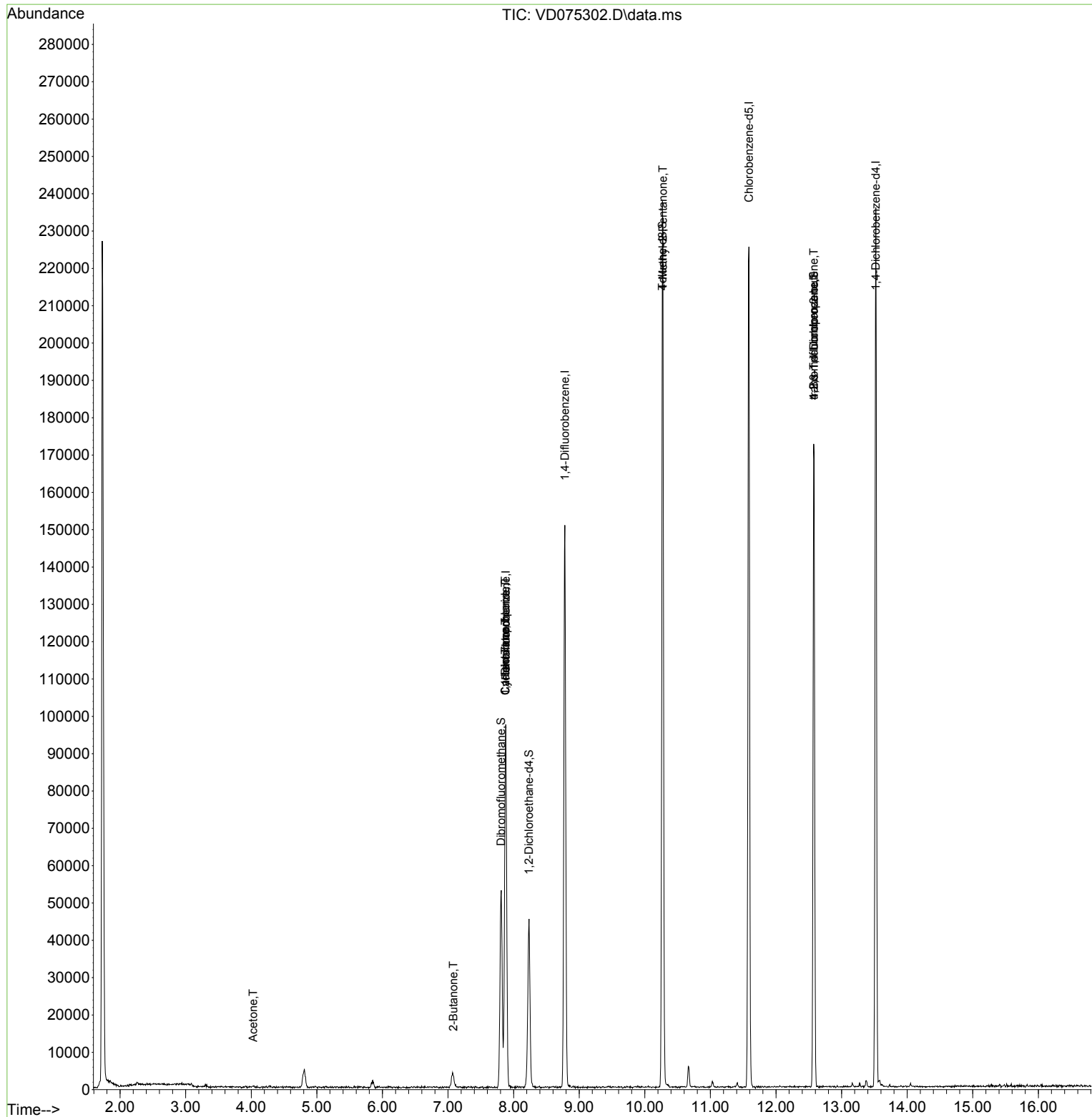
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	35134	42.459	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.920%
35) Dibromofluoromethane	7.810	113	37537	42.263	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.520%
50) Toluene-d8	10.269	98	156251	46.389	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.780%
62) 4-Bromofluorobenzene	12.575	95	53199	47.899	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.800%

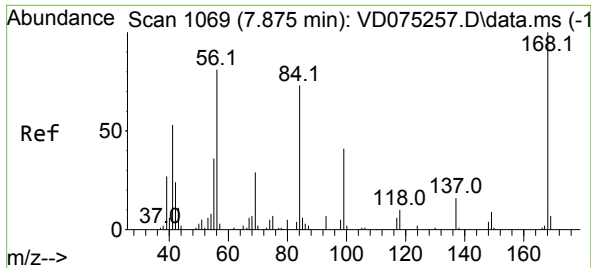
Target Compounds					Qvalue	
3) Chloromethane	2.146	50	161	Below Cal	#	41
16) Acetone	4.028	43	341	1.558	ug/l #	42
20) Methylene Chloride	4.811	84	3452	Below Cal	#	84
25) 2-Butanone	7.081	43	524	1.933	ug/l #	50
31) Cyclohexane	7.875	56	1651	1.124	ug/l #	43
36) 1,1-Dichloropropene	7.875	75	6551	4.735	ug/l #	43
38) Carbon Tetrachloride	7.875	117	7508	5.856	ug/l #	19
51) 4-Methyl-2-Pentanone	10.275	43	726	1.245	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	29753	45.709	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	29753	144.249	ug/l #	14

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

Instrument :
MSVOA_D
ClientSampleId :
RS-2

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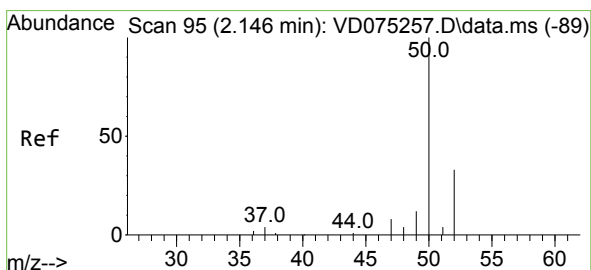
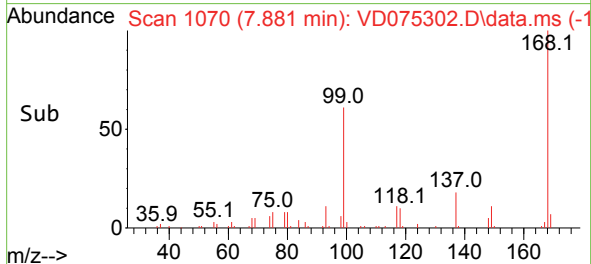
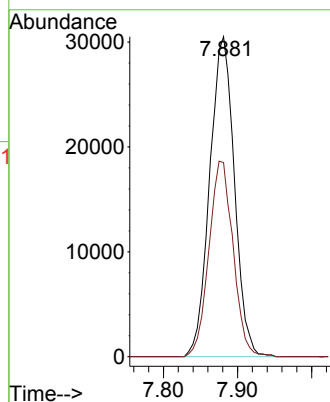
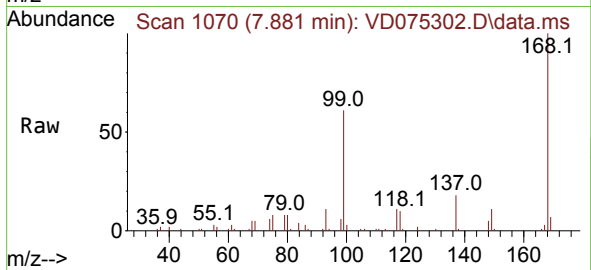




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD075302.D
Acq: 09 Feb 2023 18:58

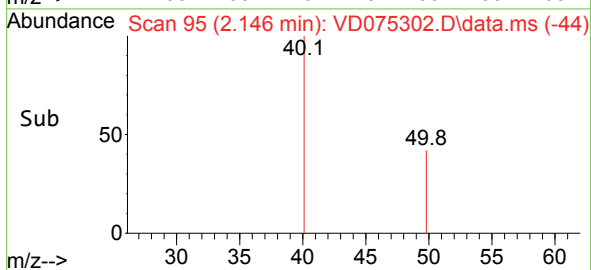
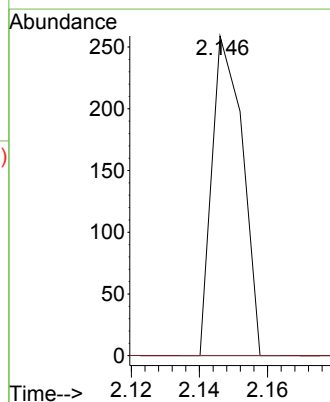
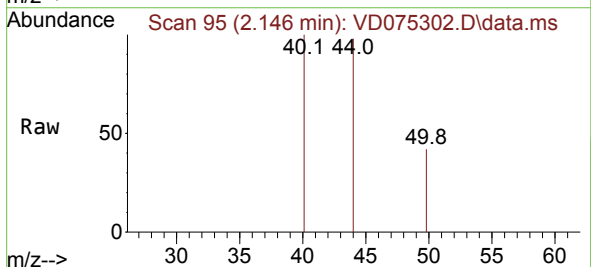
Instrument :
MSVOA_D
ClientSampleId :
RS-2

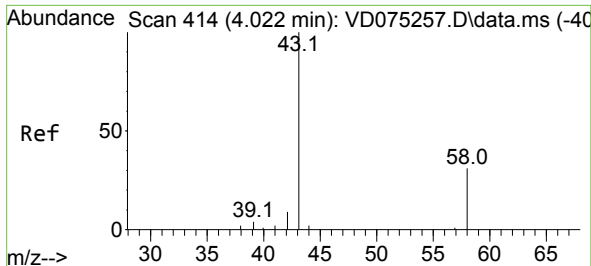
Tgt Ion:168 Resp: 70569
Ion Ratio Lower Upper
168 100
99 60.6 45.2 67.8



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075302.D
Acq: 09 Feb 2023 18:58

Tgt Ion: 50 Resp: 161
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#





#16

Acetone

Concen: 1.558 ug/l

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD075302.D

Acq: 09 Feb 2023 18:58

Instrument :

MSVOA_D

ClientSampleId :

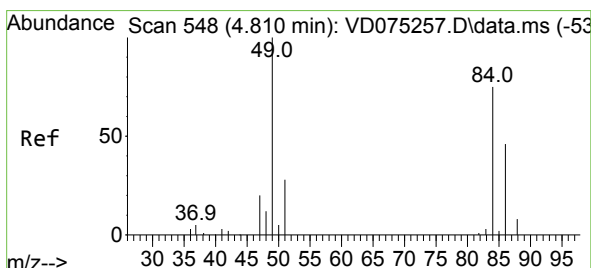
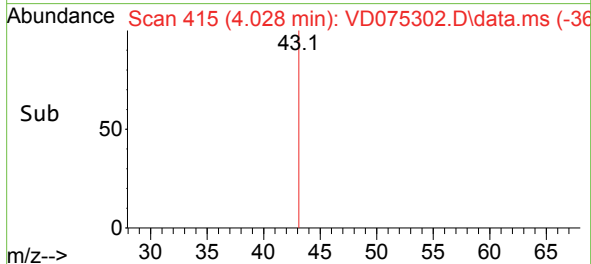
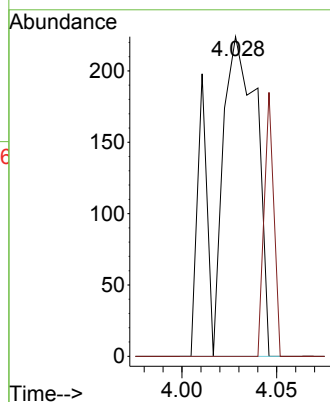
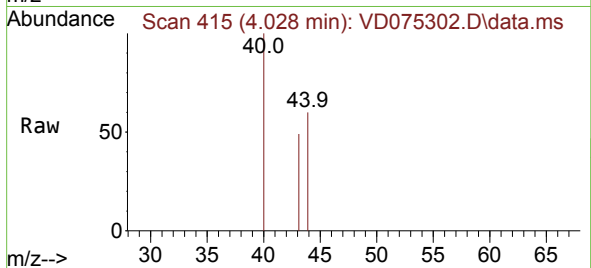
RS-2

Tgt Ion: 43 Resp: 341

Ion Ratio Lower Upper

43 100

58 0.0 26.0 39.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.811 min Scan# 548

Delta R.T. 0.001 min

Lab File: VD075302.D

Acq: 09 Feb 2023 18:58

Tgt Ion: 84 Resp: 3452

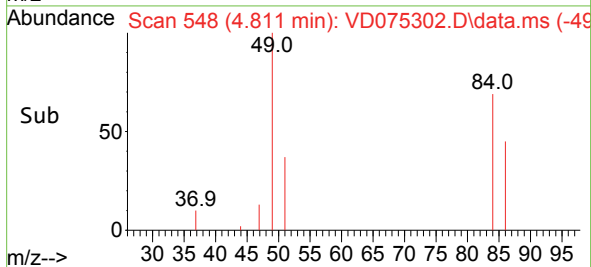
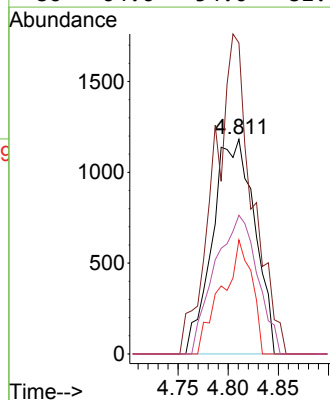
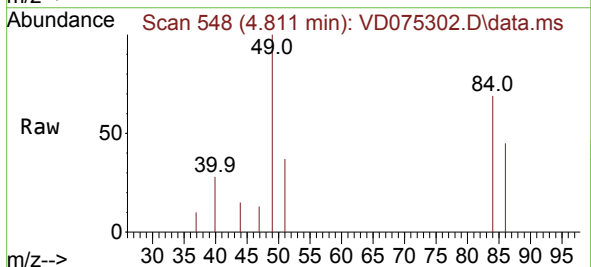
Ion Ratio Lower Upper

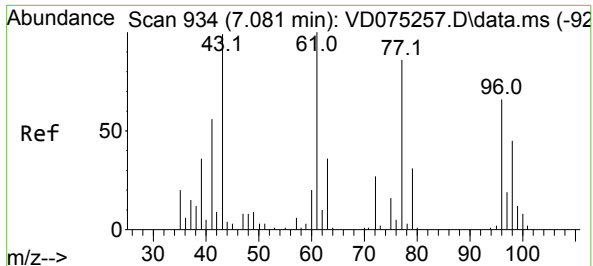
84 100

49 144.9 97.0 145.6

51 53.1 30.9 46.3#

86 64.6 54.0 81.0





#25

2-Butanone

Concen: 1.933 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075302.D

Acq: 09 Feb 2023 18:58

Instrument :

MSVOA_D

ClientSampleId :

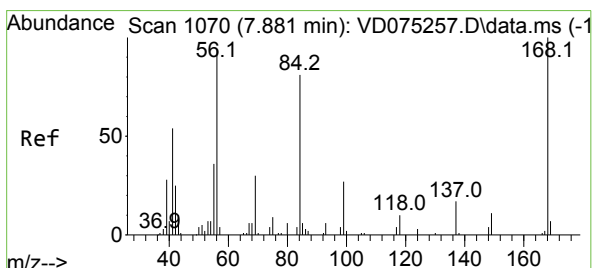
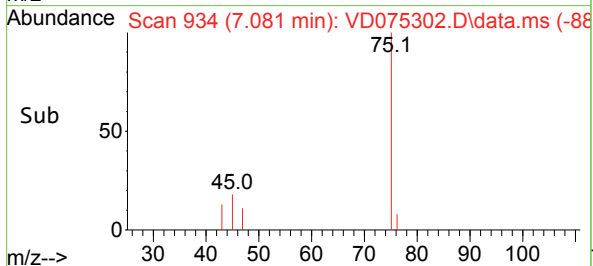
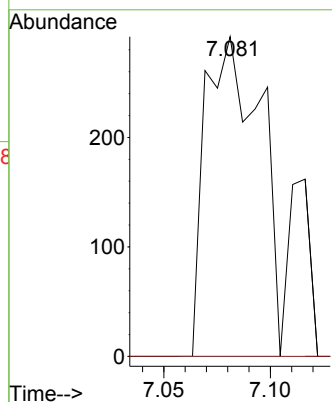
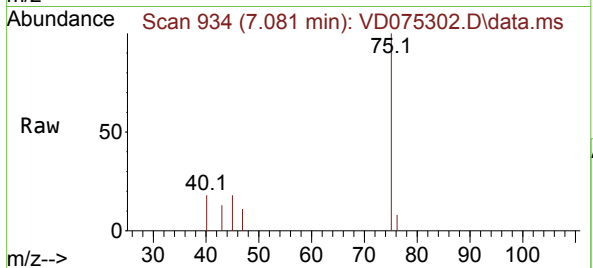
RS-2

Tgt Ion: 43 Resp: 524

Ion Ratio Lower Upper

43 100

72 0.0 19.8 29.8#



#31

Cyclohexane

Concen: 1.124 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075302.D

Acq: 09 Feb 2023 18:58

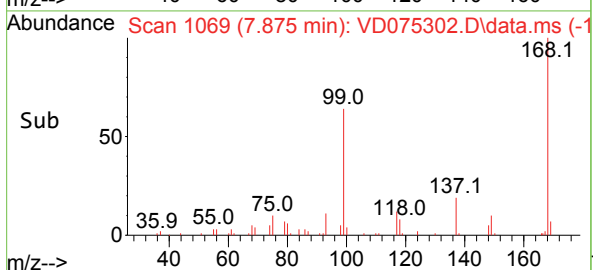
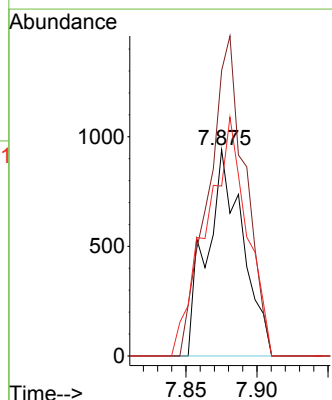
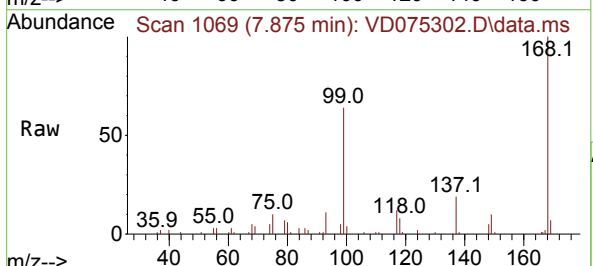
Tgt Ion: 56 Resp: 1651

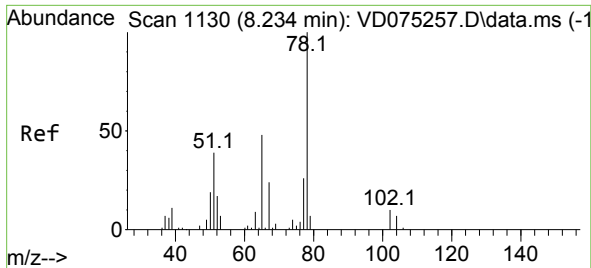
Ion Ratio Lower Upper

56 100

69 138.4 26.6 40.0#

84 82.4 74.1 111.1

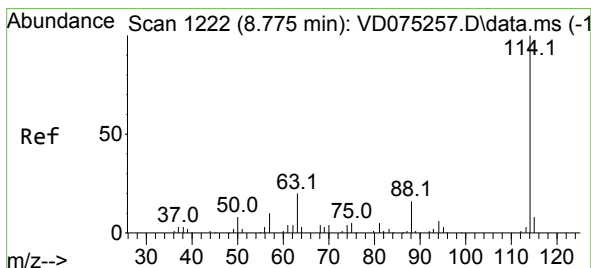
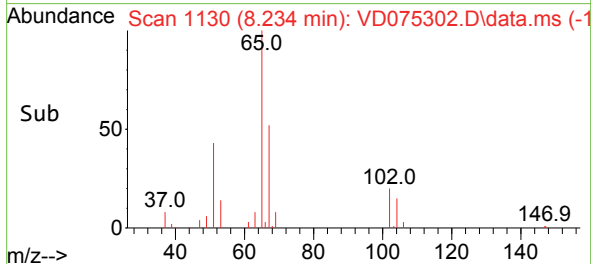
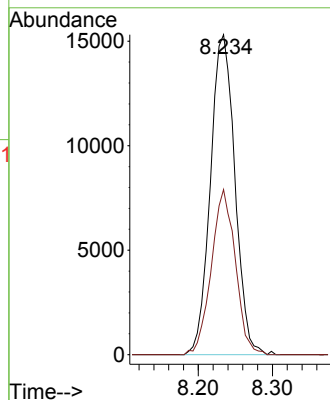
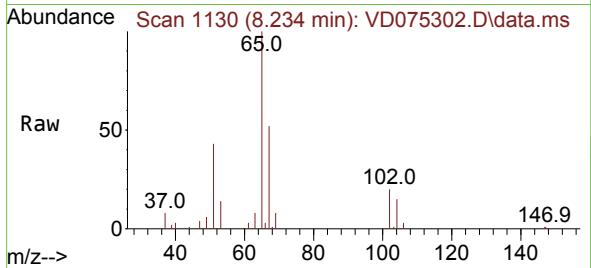




#33
 1,2-Dichloroethane-d4
 Concen: 42.459 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VD075302.D
 Acq: 09 Feb 2023 18:58

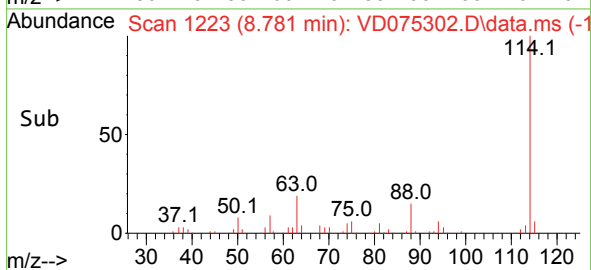
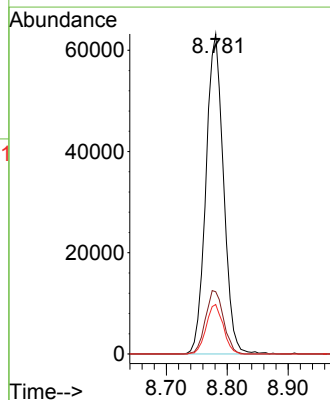
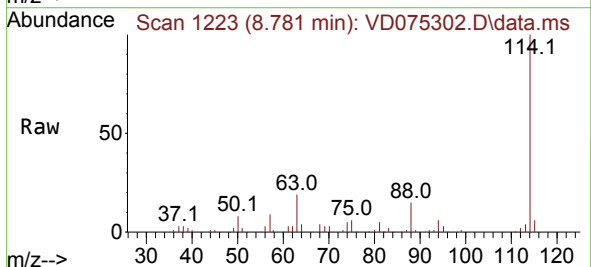
Instrument :
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 ClientSampleId :
 RS-2

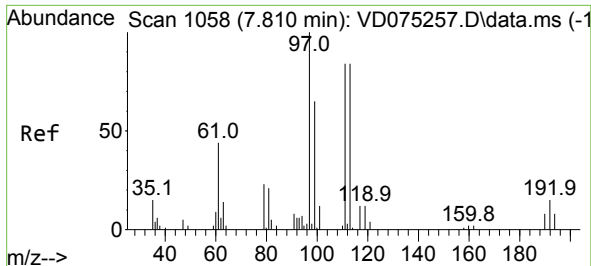
Tgt Ion: 65 Resp: 35134
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD075302.D
 Acq: 09 Feb 2023 18:58

Tgt Ion: 114 Resp: 126666
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.2
 88 15.5 0.0 32.2

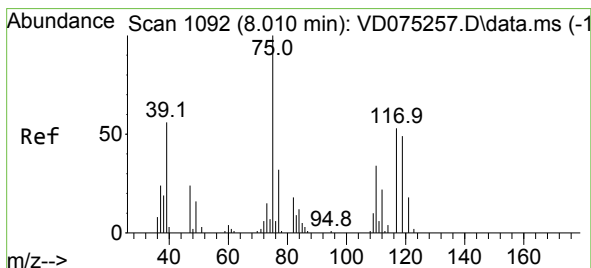
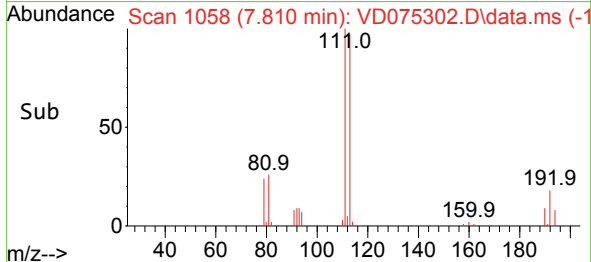
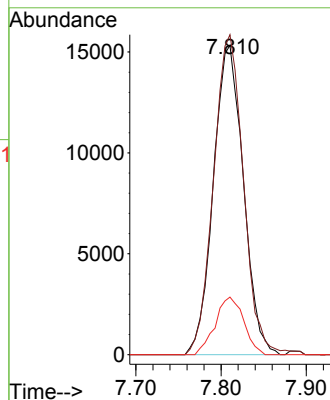
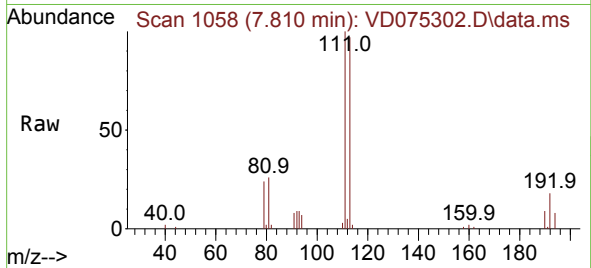




#35
Dibromofluoromethane
Concen: 42.263 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD075302.D
Acq: 09 Feb 2023 18:58

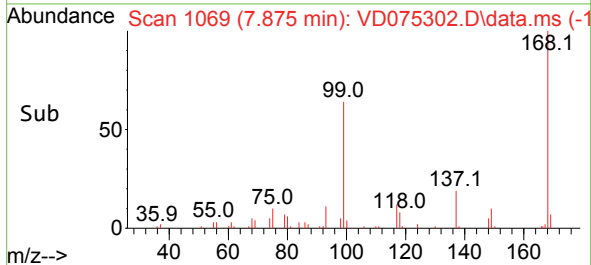
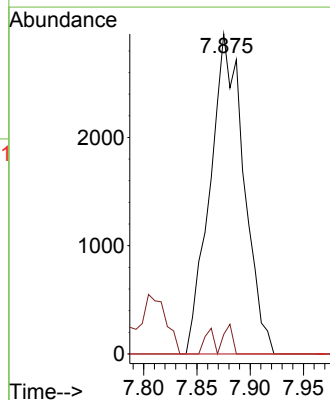
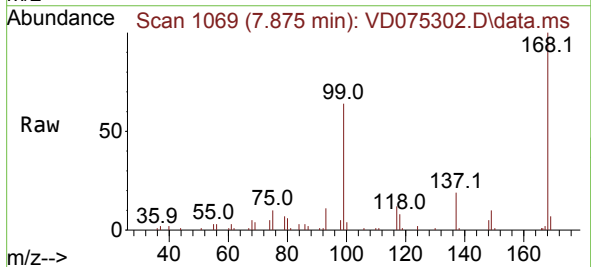
Instrument :
MSVOA_D
ClientSampleId :
RS-2

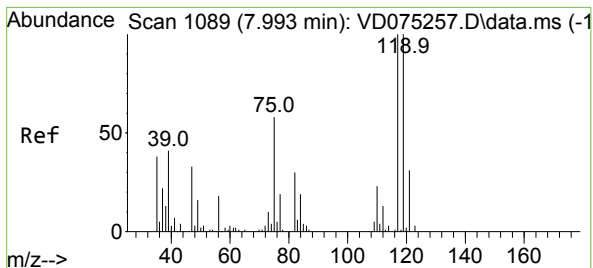
Tgt Ion:113 Resp: 37537
Ion Ratio Lower Upper
113 100
111 103.2 80.1 120.1
192 17.7 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.735 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075302.D
Acq: 09 Feb 2023 18:58

Tgt Ion: 75 Resp: 6551
Ion Ratio Lower Upper
75 100
110 2.4 18.1 54.4#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.856 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075302.D

Acq: 09 Feb 2023 18:58

Instrument :

MSVOA_D

ClientSampleId :

RS-2

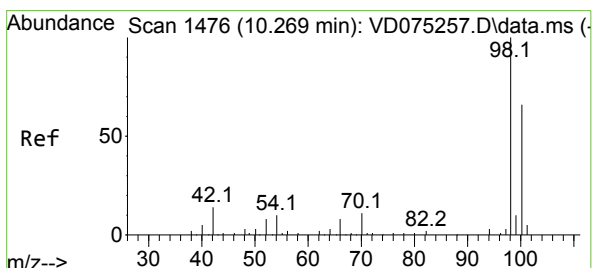
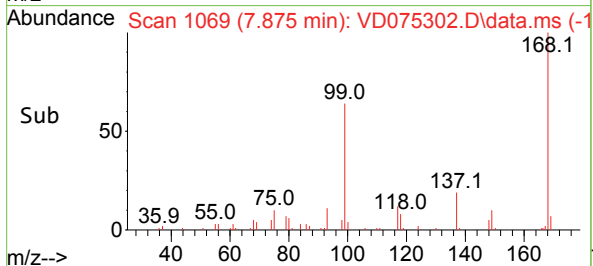
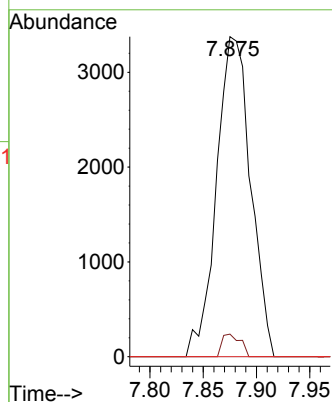
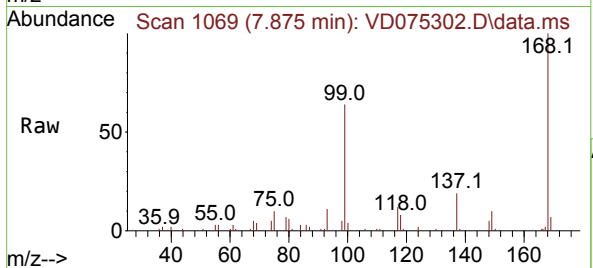
Tgt Ion:117 Resp: 7508

Ion Ratio Lower Upper

117 100

119 7.1 73.6 110.4#

121 0.0 25.4 38.0#



#50

Toluene-d8

Concen: 46.389 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075302.D

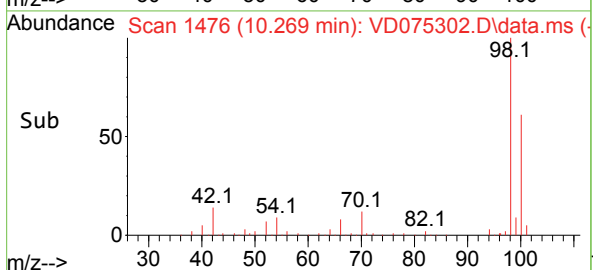
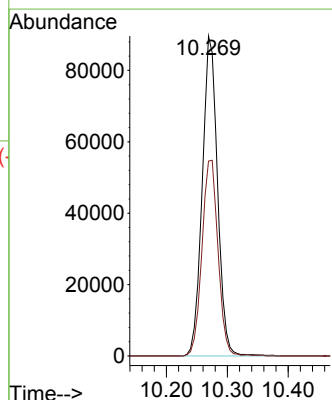
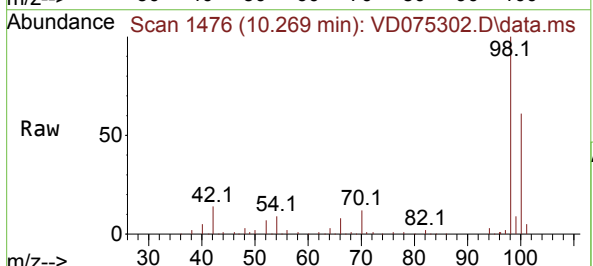
Acq: 09 Feb 2023 18:58

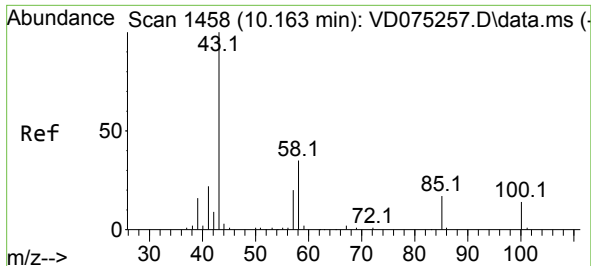
Tgt Ion: 98 Resp: 156251

Ion Ratio Lower Upper

98 100

100 64.1 52.7 79.1

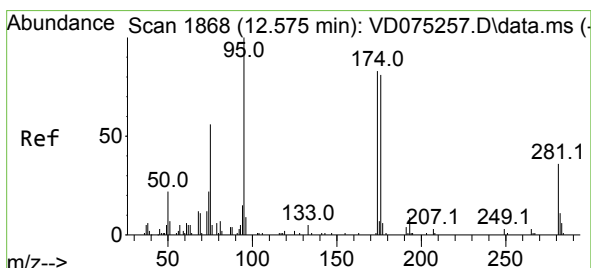
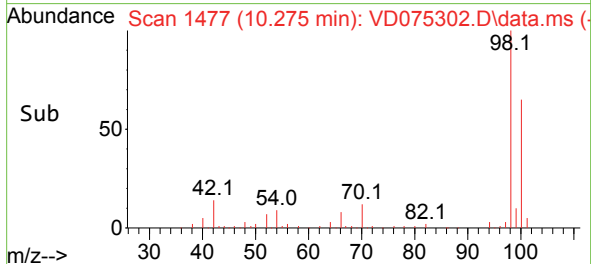
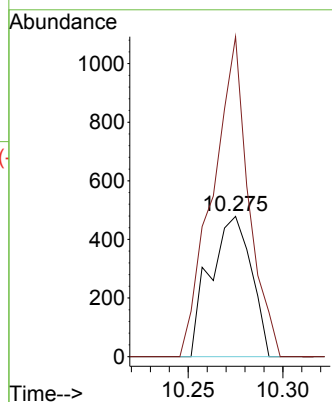
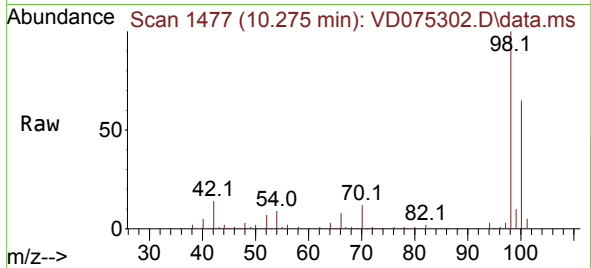




#51
4-Methyl-2-Pentanone
Concen: 1.245 ug/l
RT: 10.275 min Scan# 1458
Delta R.T. 0.112 min
Lab File: VD075302.D
Acq: 09 Feb 2023 18:58

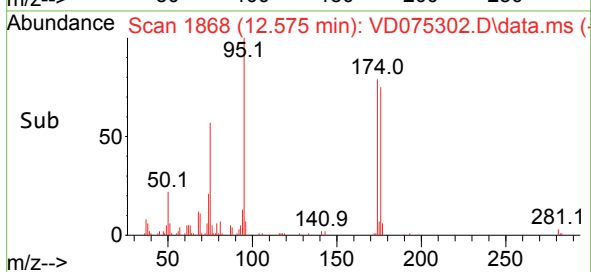
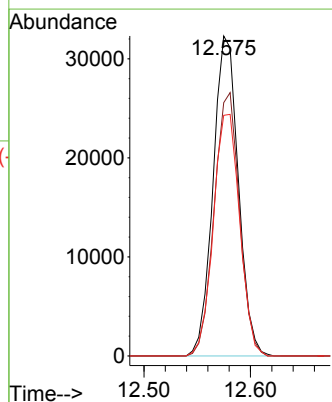
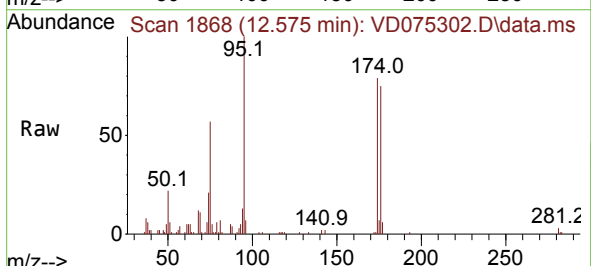
Instrument :
MSVOA_D
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RS-2

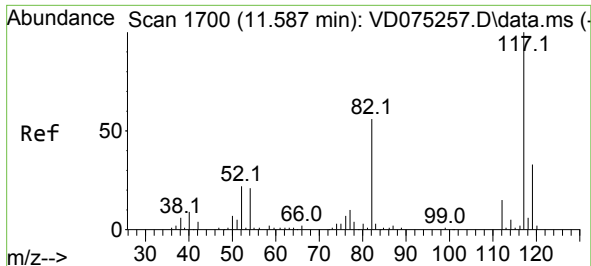
Tgt Ion: 43 Resp: 726
Ion Ratio Lower Upper
43 100
58 199.0 31.4 47.0#



#62
4-Bromofluorobenzene
Concen: 47.899 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075302.D
Acq: 09 Feb 2023 18:58

Tgt Ion: 95 Resp: 53199
Ion Ratio Lower Upper
95 100
174 82.2 0.0 161.2
176 78.8 0.0 160.2

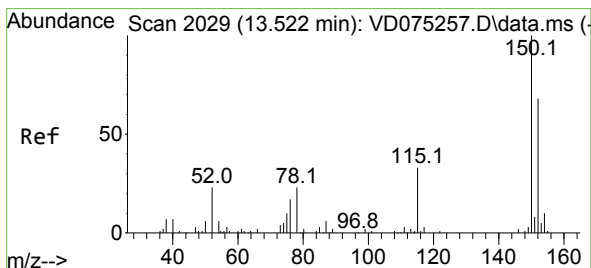
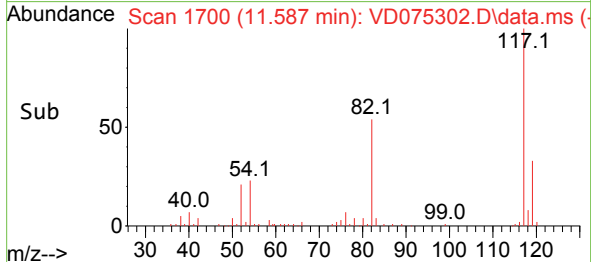
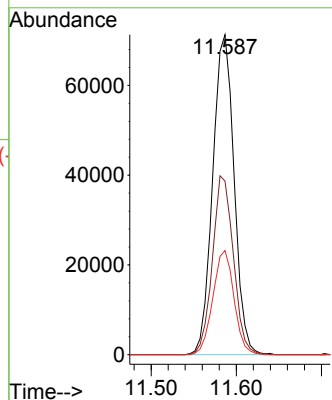
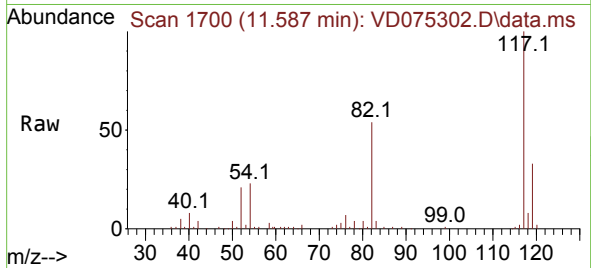




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075302.D
Acq: 09 Feb 2023 18:58

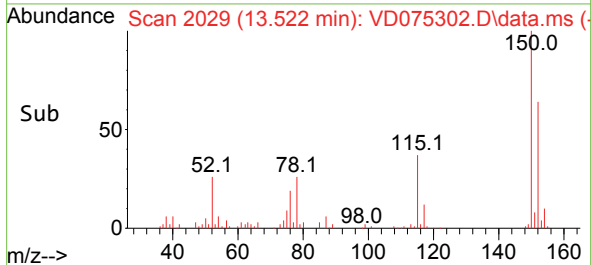
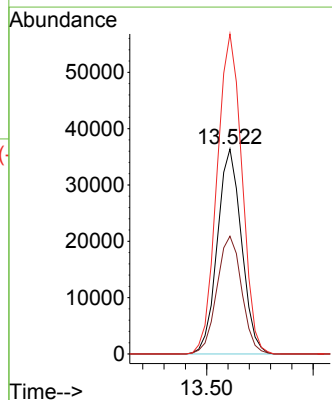
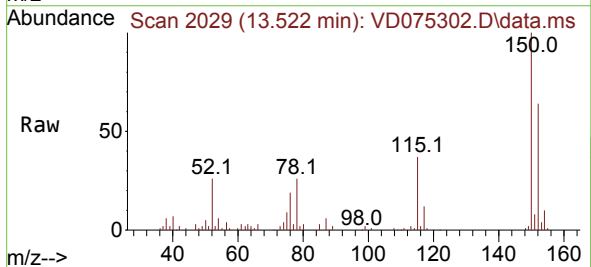
Instrument :
MSVOA_D
ClientSampleId :
RS-2

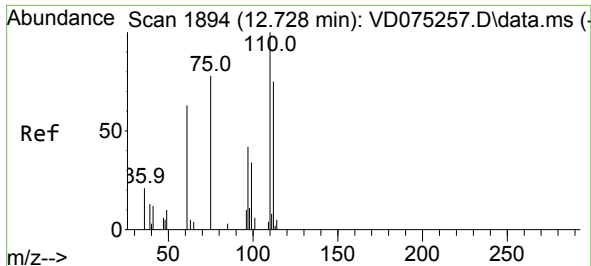
Tgt Ion:117 Resp: 124503
Ion Ratio Lower Upper
117 100
82 54.3 39.6 59.4
119 32.6 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075302.D
Acq: 09 Feb 2023 18:58

Tgt Ion:152 Resp: 57307
Ion Ratio Lower Upper
152 100
115 58.9 28.8 86.4
150 160.9 0.0 348.6

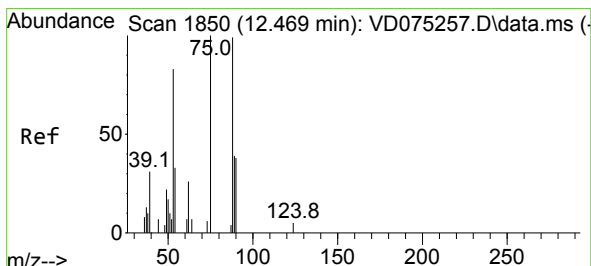
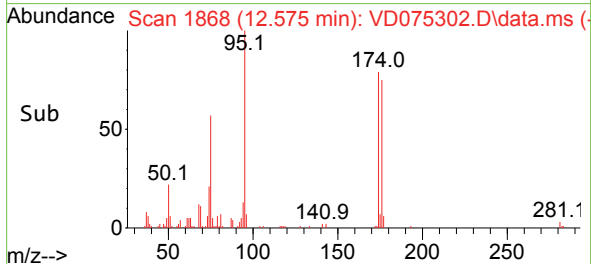
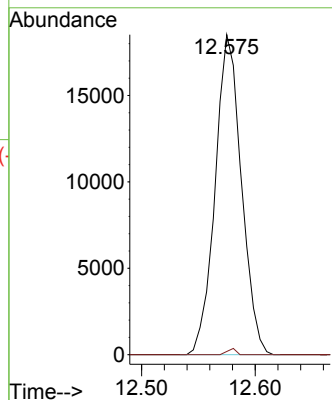
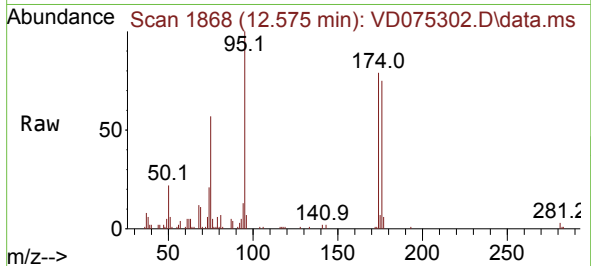




#76
1,2,3-Trichloropropane
Concen: 45.709 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075302.D
Acq: 09 Feb 2023 18:58

Instrument :
MSVOA_D
ClientSampleId :
RS-2

Tgt Ion: 75 Resp: 29753
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 144.249 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075302.D
Acq: 09 Feb 2023 18:58

Tgt Ion: 75 Resp: 29753
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

