

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075300.D
 Acq On : 09 Feb 2023 18:02
 Operator : KP/SY
 Sample : 01508-04
 Misc : 3.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 UST-3

Quant Time: Feb 10 02:05:22 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)

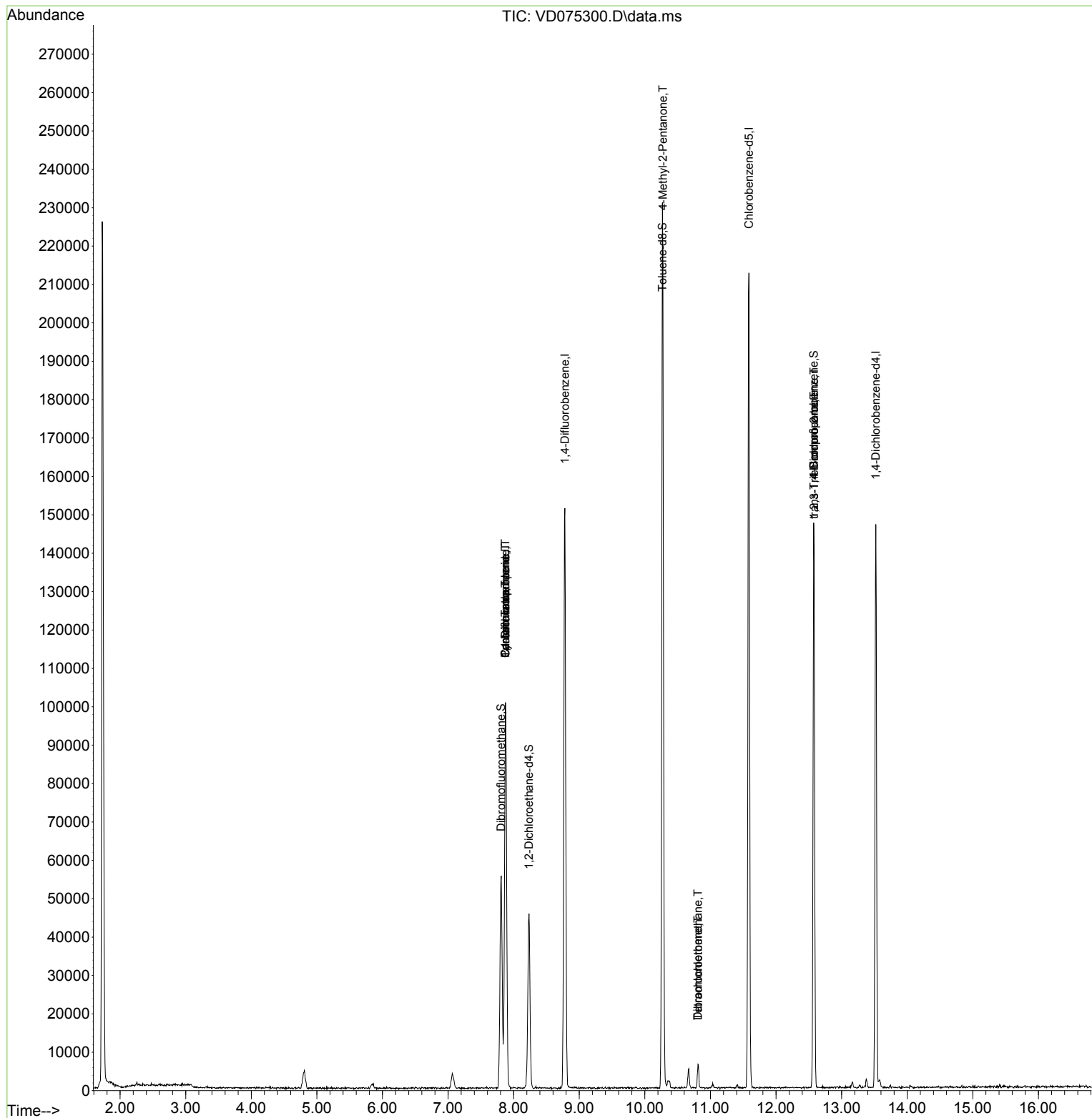
Internal Standards						
1) Pentafluorobenzene	7.875	168	73761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	129692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	118807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	38423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	35537	41.088	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.180%		
35) Dibromofluoromethane	7.810	113	38889	42.764	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.520%		
50) Toluene-d8	10.269	98	154316	44.745	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.500%		
62) 4-Bromofluorobenzene	12.575	95	43704	38.432	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	76.860%		
Target Compounds						
3) Chloromethane	2.158	50	63	Below Cal	#	41
20) Methylene Chloride	4.810	84	3239	Below Cal		94
31) Cyclohexane	7.875	56	1982	1.291	ug/l #	27
36) 1,1-Dichloropropene	7.875	75	6209	4.383	ug/l #	48
38) Carbon Tetrachloride	7.875	117	7953	6.059	ug/l #	19
51) 4-Methyl-2-Pentanone	10.275	43	702	1.176	ug/l #	1
60) Dibromochloromethane	10.810	129	1215	1.371	ug/l #	11
64) Tetrachloroethene	10.810	164	1153	1.260	ug/l #	86
76) 1,2,3-Trichloropropane	12.581	75	24158	55.354	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.581	75	24158	174.245	ug/l #	14

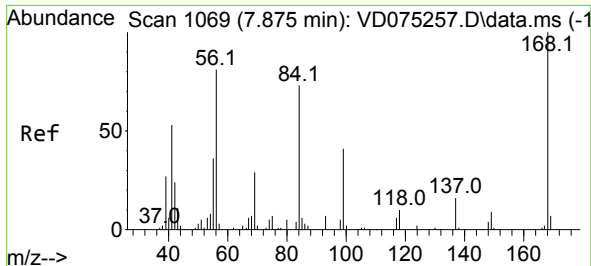
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

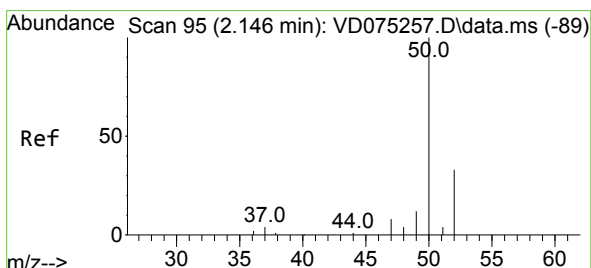
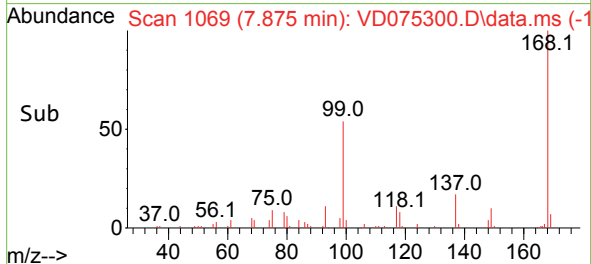
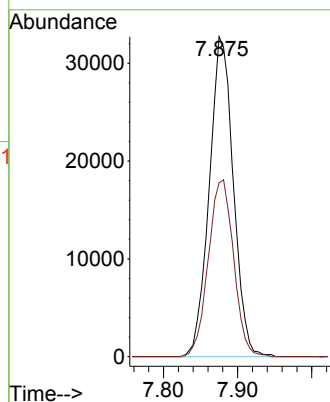
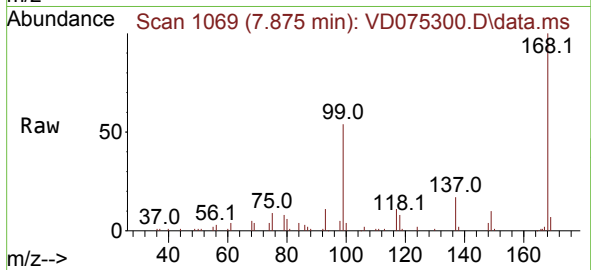




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

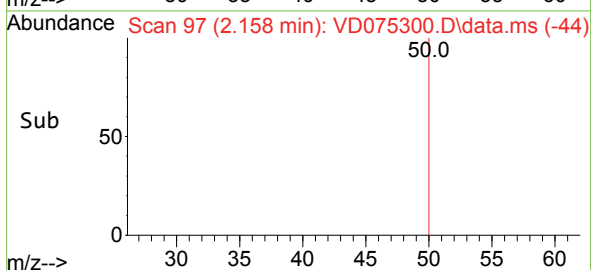
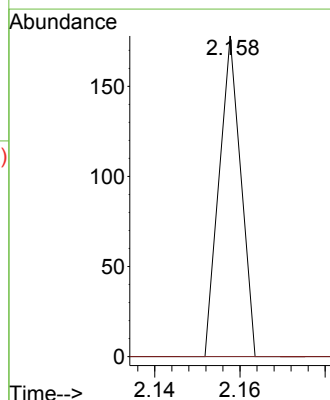
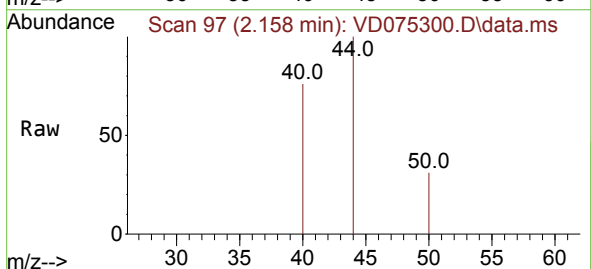
Instrument :
MSVOA_D
ClientSampleId :
UST-3

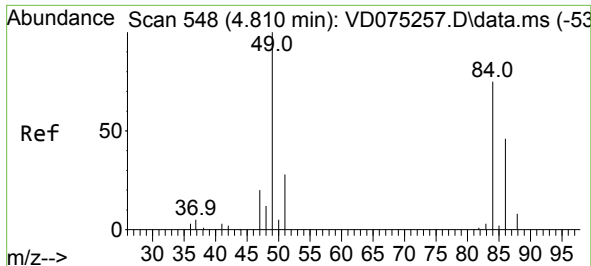
Tgt Ion:168 Resp: 73761
Ion Ratio Lower Upper
168 100
99 54.3 45.2 67.8



#3
Chloromethane
Concen: Below Cal
RT: 2.158 min Scan# 97
Delta R.T. 0.012 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

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



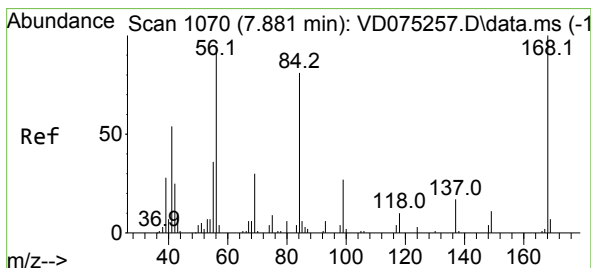
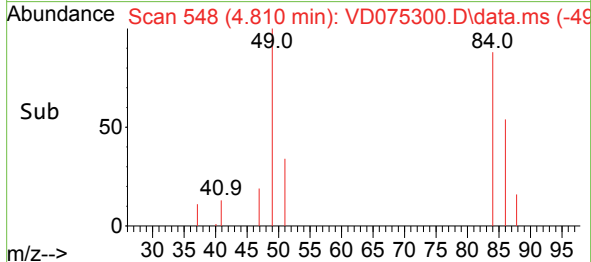
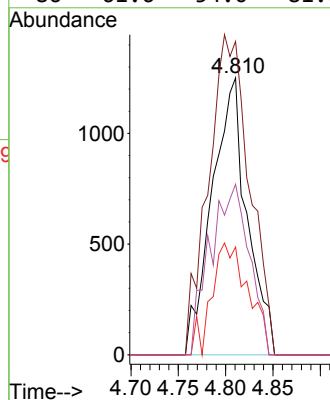
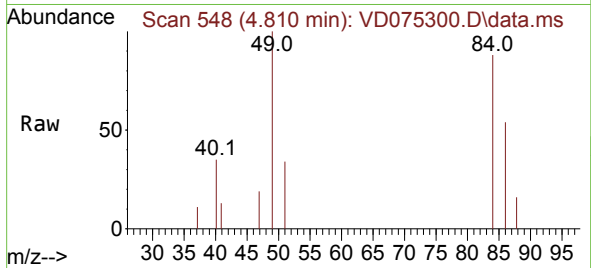


#20
Methylene Chloride
Concen: Below Cal
RT: 4.810 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

Instrument :
MSVOA_D
ClientSampleId :
UST-3

Tgt Ion: 84 Resp: 3239

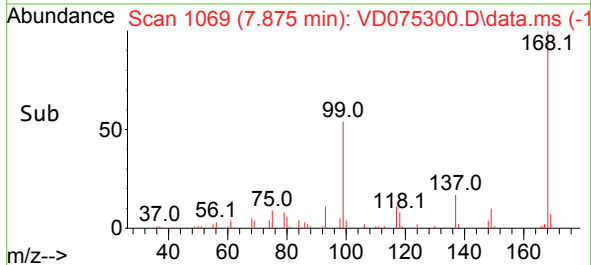
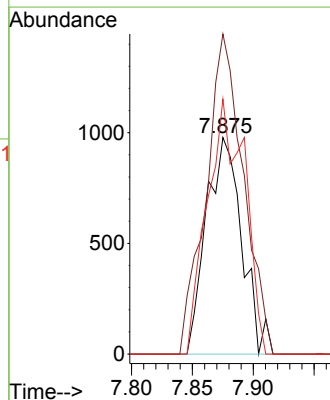
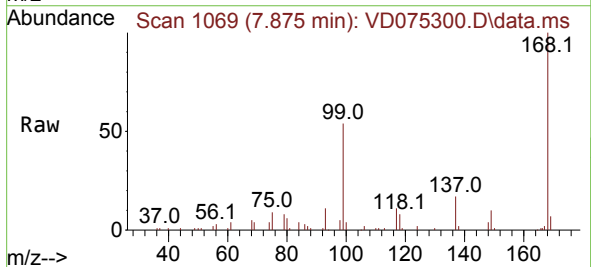
Ion	Ratio	Lower	Upper
84	100		
49	113.2	97.0	145.6
51	38.9	30.9	46.3
86	61.6	54.0	81.0

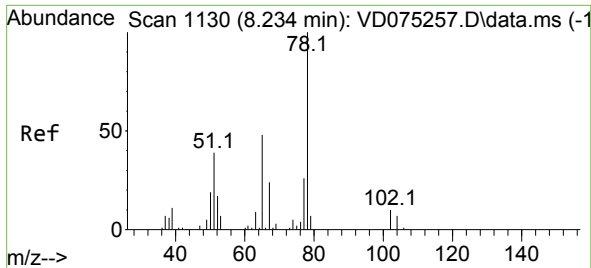


#31
Cyclohexane
Concen: 1.291 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

Tgt Ion: 56 Resp: 1982

Ion	Ratio	Lower	Upper
56	100		
69	147.9	26.6	40.0#
84	117.8	74.1	111.1#

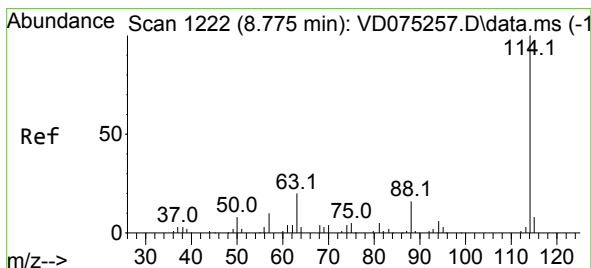
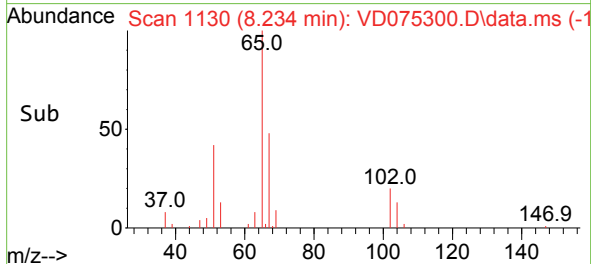
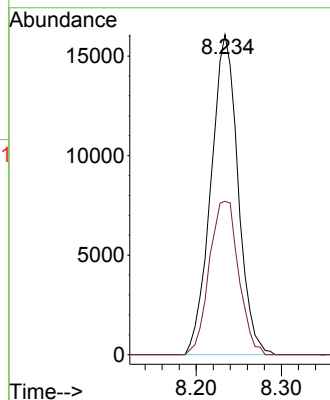
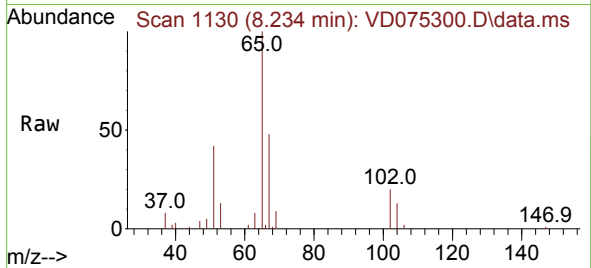




#33
1,2-Dichloroethane-d4
Concen: 41.088 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

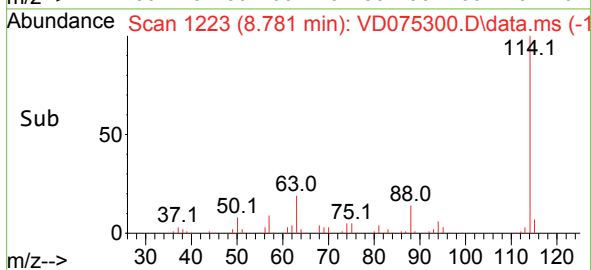
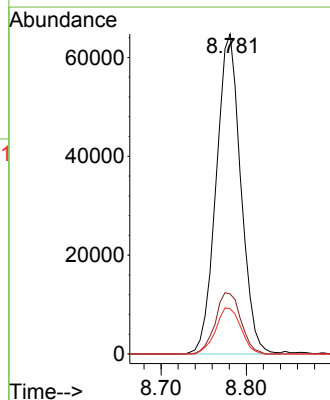
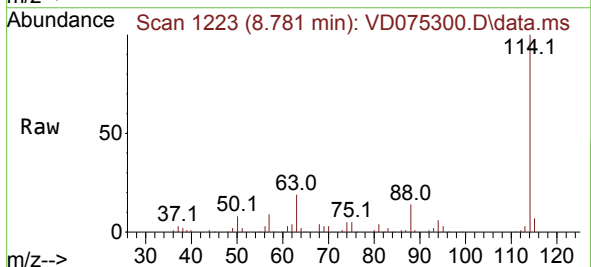
Instrument :
MSVOA_D
ClientSampleId :
UST-3

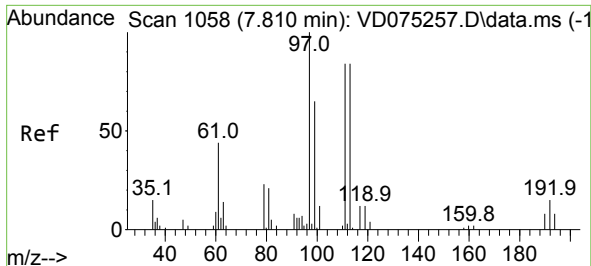
Tgt Ion: 65 Resp: 35537
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

Tgt Ion:114 Resp: 129692
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.2
88 14.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 42.764 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075300.D

Acq: 09 Feb 2023 18:02

Instrument :

MSVOA_D

ClientSampleId :

UST-3

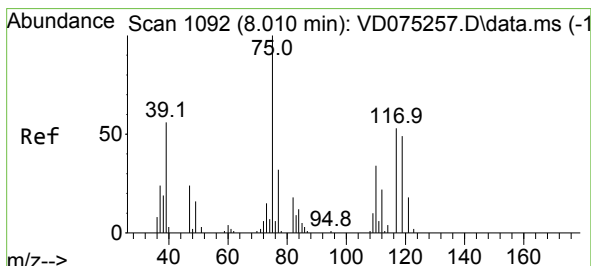
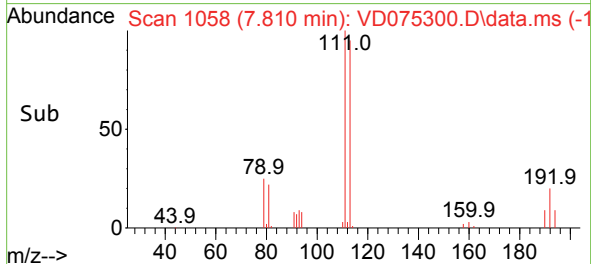
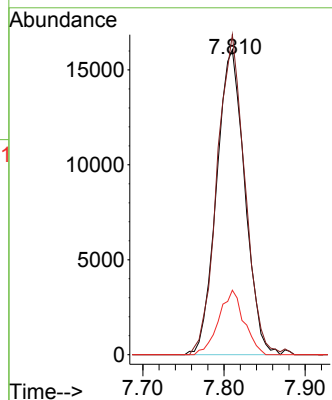
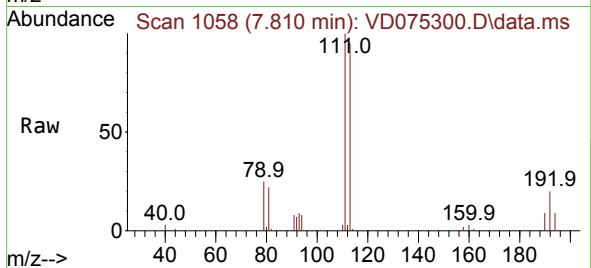
Tgt Ion:113 Resp: 38889

Ion Ratio Lower Upper

113 100

111 103.1 80.1 120.1

192 18.9 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.383 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075300.D

Acq: 09 Feb 2023 18:02

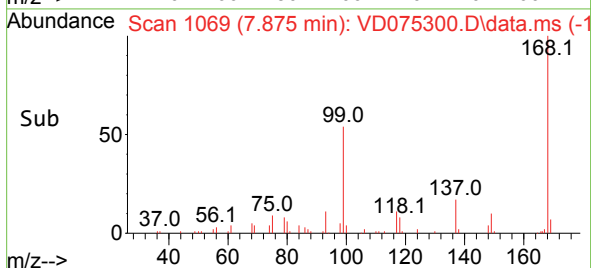
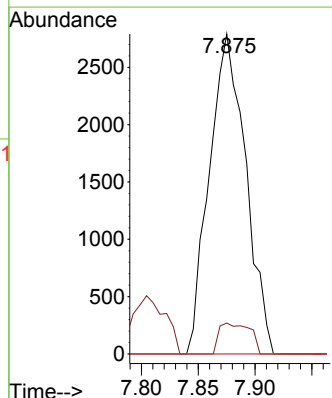
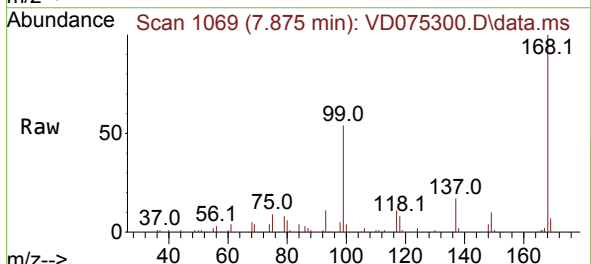
Tgt Ion: 75 Resp: 6209

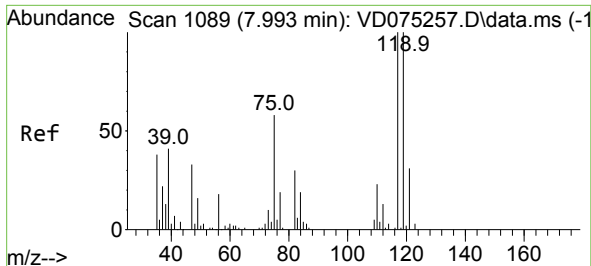
Ion Ratio Lower Upper

75 100

110 8.2 18.1 54.4#

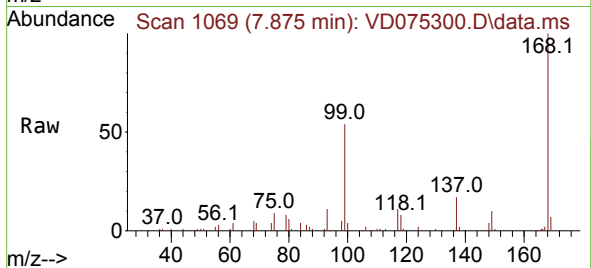
77 0.0 25.1 37.7#



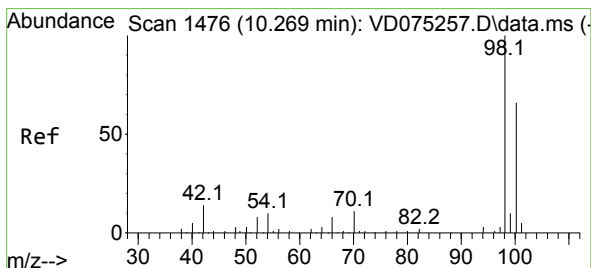
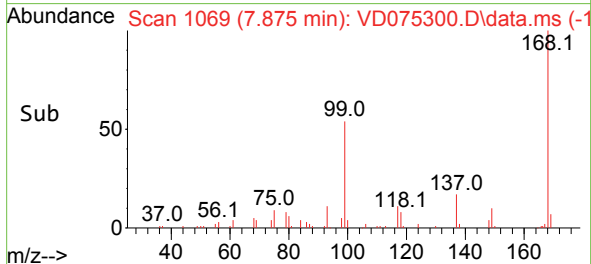
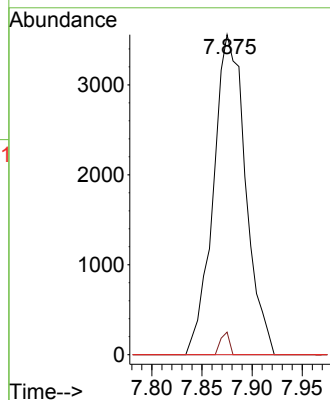


#38
Carbon Tetrachloride
Concen: 6.059 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

Instrument :
MSVOA_D
ClientSampleId :
UST-3

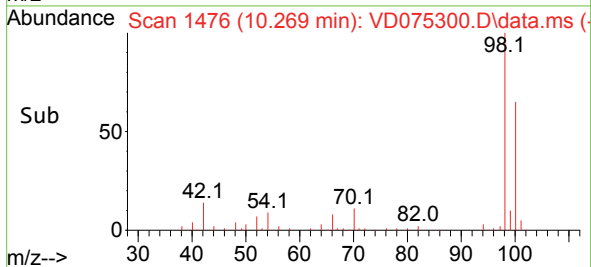
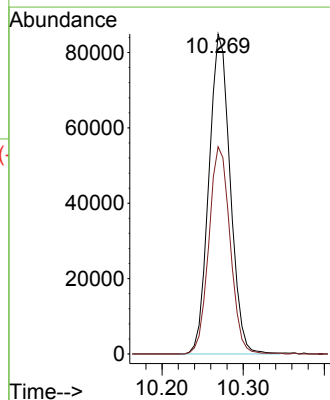
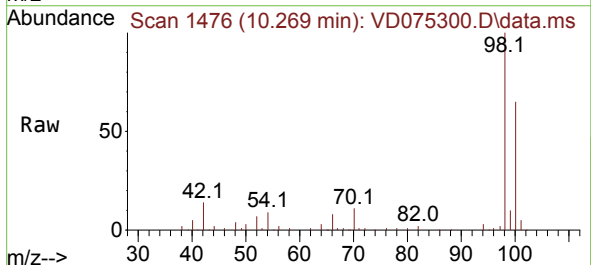


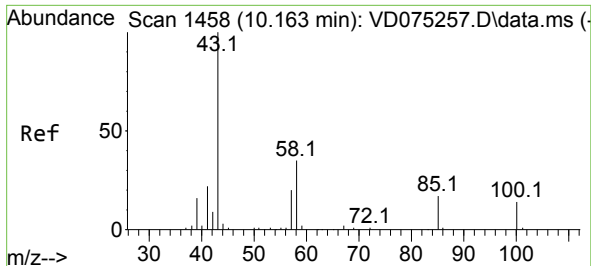
Tgt Ion:117 Resp: 7953
Ion Ratio Lower Upper
117 100
119 7.1 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 44.745 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

Tgt Ion: 98 Resp: 154316
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1

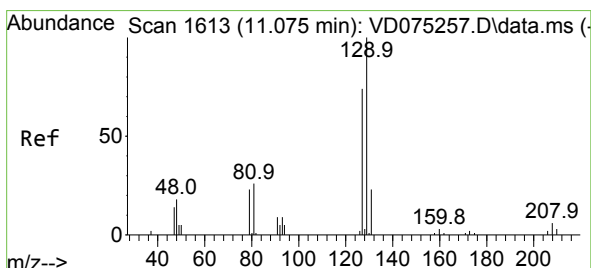
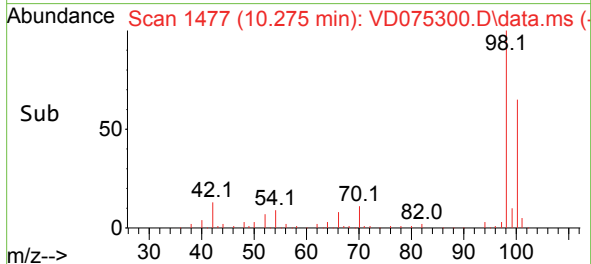
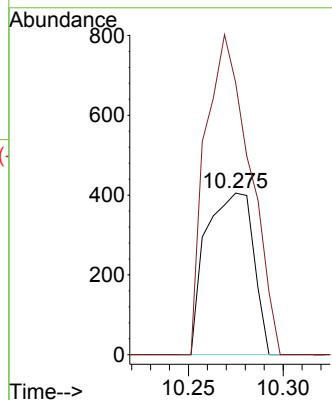
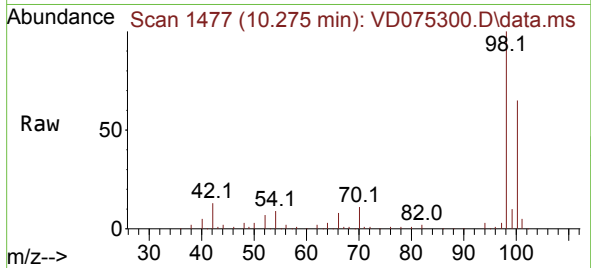




#51
4-Methyl-2-Pentanone
Concen: 1.176 ug/l
RT: 10.275 min Scan# 1458
Delta R.T. 0.112 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

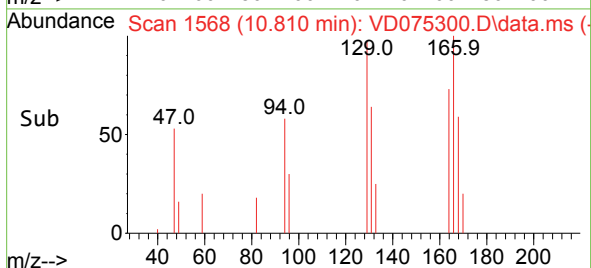
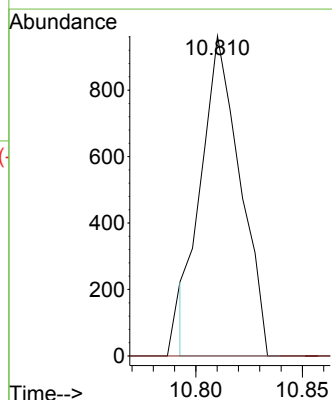
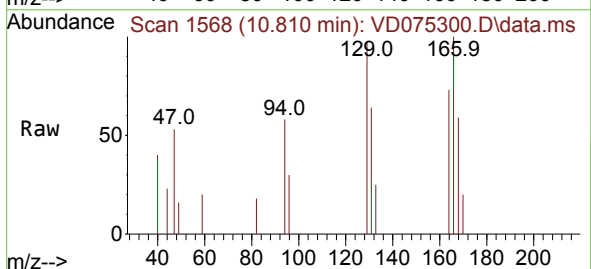
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MSVOA_D
ClientSampleId :
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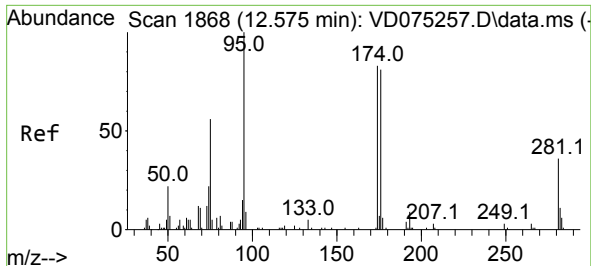
Tgt Ion: 43 Resp: 702
Ion Ratio Lower Upper
43 100
58 186.2 31.4 47.0#



#60
Dibromochloromethane
Concen: 1.371 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.265 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

Tgt Ion: 129 Resp: 1215
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.6#

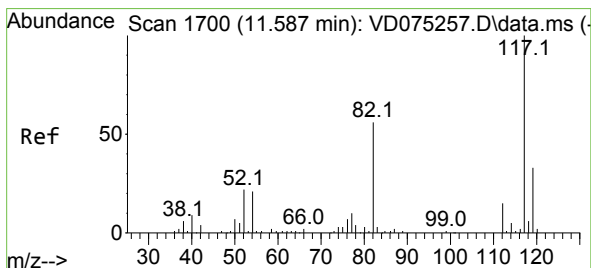
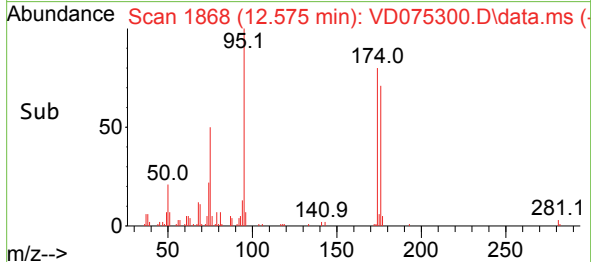
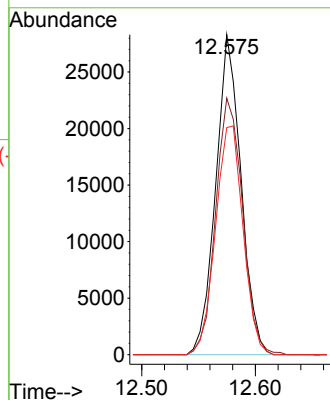
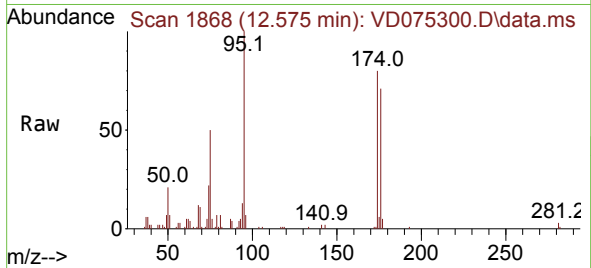




#62
4-Bromofluorobenzene
Concen: 38.432 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

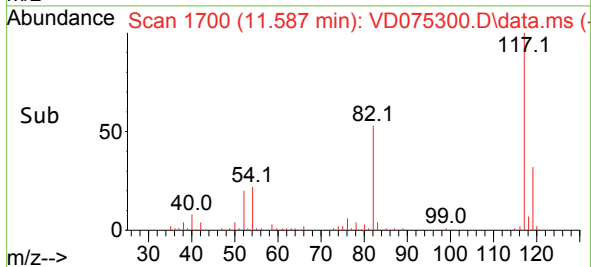
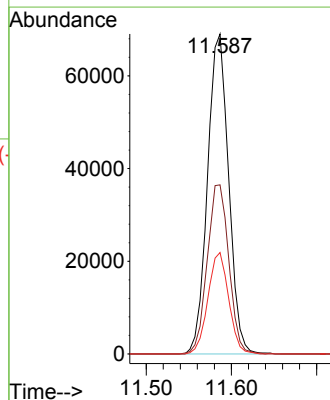
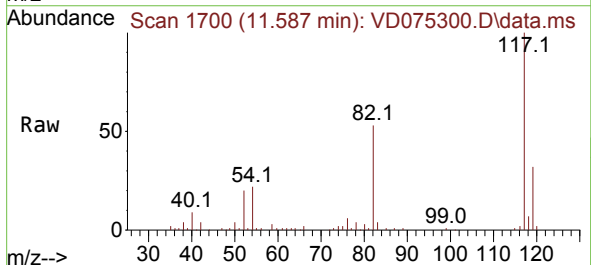
Instrument :
MSVOA_D
ClientSampleId :
UST-3

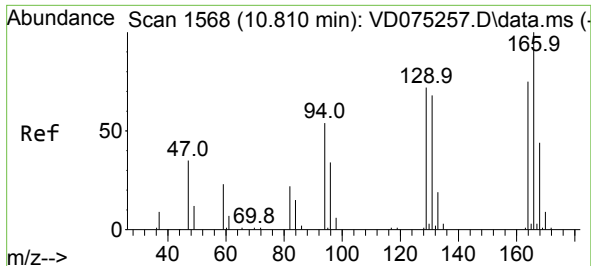
Tgt Ion: 95 Resp: 43704
Ion Ratio Lower Upper
95 100
174 85.6 0.0 161.2
176 78.1 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

Tgt Ion: 117 Resp: 118807
Ion Ratio Lower Upper
117 100
82 52.9 39.6 59.4
119 31.7 24.6 37.0

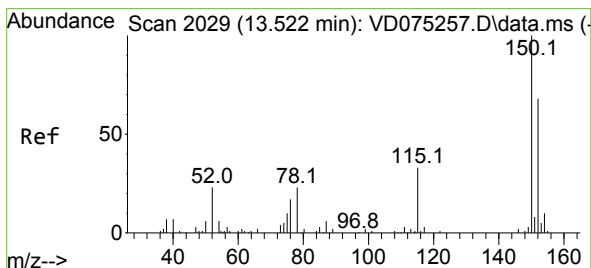
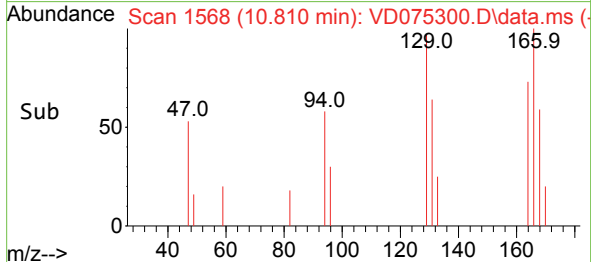
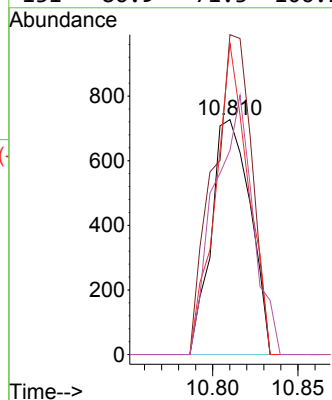
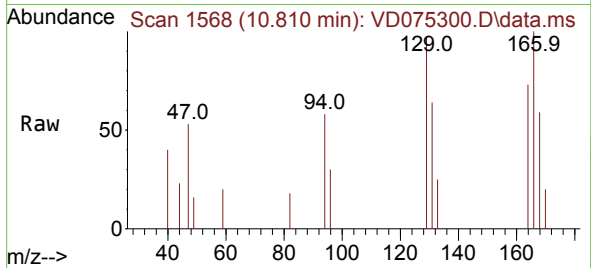




#64
Tetrachloroethene
Concen: 1.260 ug/l
RT: 10.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

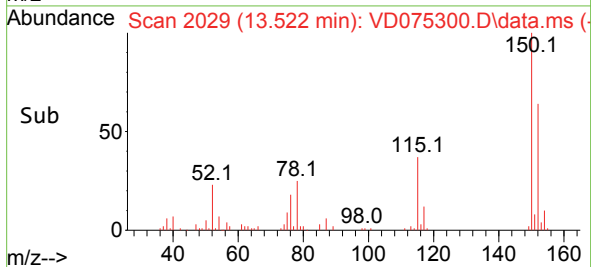
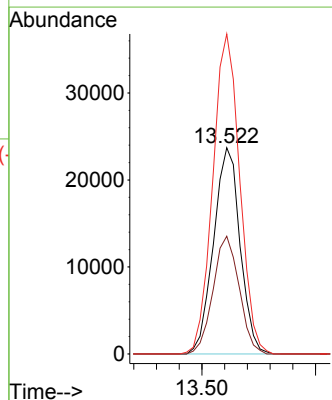
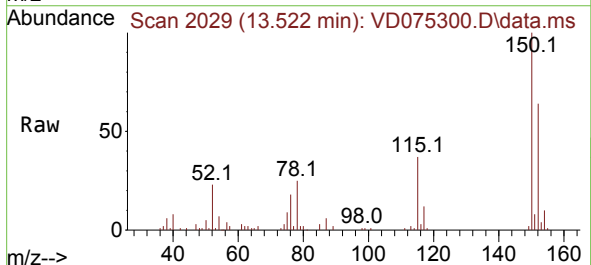
Instrument :
MSVOA_D
ClientSampleId :
UST-3

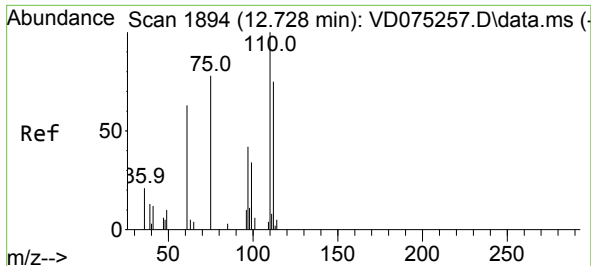
Tgt Ion:164 Resp: 1153
Ion Ratio Lower Upper
164 100
166 136.2 105.3 157.9
129 132.5 76.2 114.4#
131 86.9 71.3 106.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

Tgt Ion:152 Resp: 38423
Ion Ratio Lower Upper
152 100
115 56.2 28.8 86.4
150 157.3 0.0 348.6

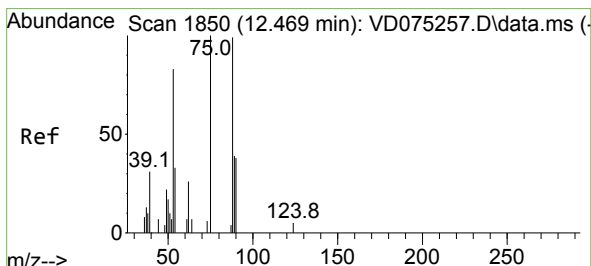
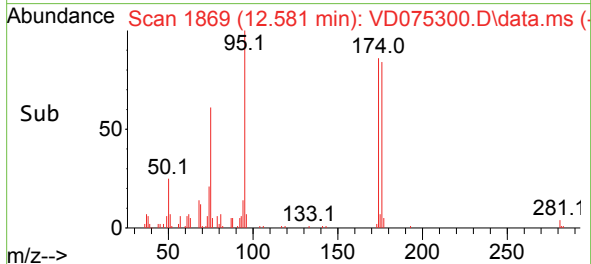
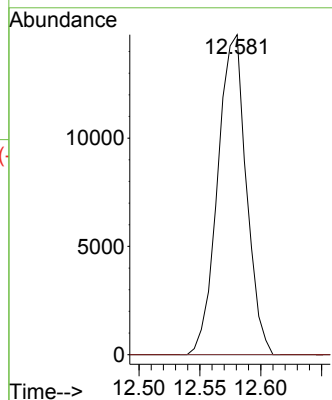
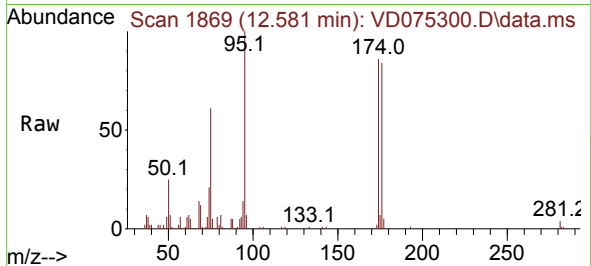




#76
1,2,3-Trichloropropane
Concen: 55.354 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. -0.147 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

Instrument :
MSVOA_D
ClientSampleId :
UST-3

Tgt Ion: 75 Resp: 24158
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 174.245 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.112 min
Lab File: VD075300.D
Acq: 09 Feb 2023 18:02

Tgt Ion: 75 Resp: 24158
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

