

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075706.D
 Acq On : 17 Apr 2023 17:37
 Operator : KP/SY
 Sample : 02270-08
 Misc : 3.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-25-7.5-9.5-20230411

Quant Time: Apr 18 01:18:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

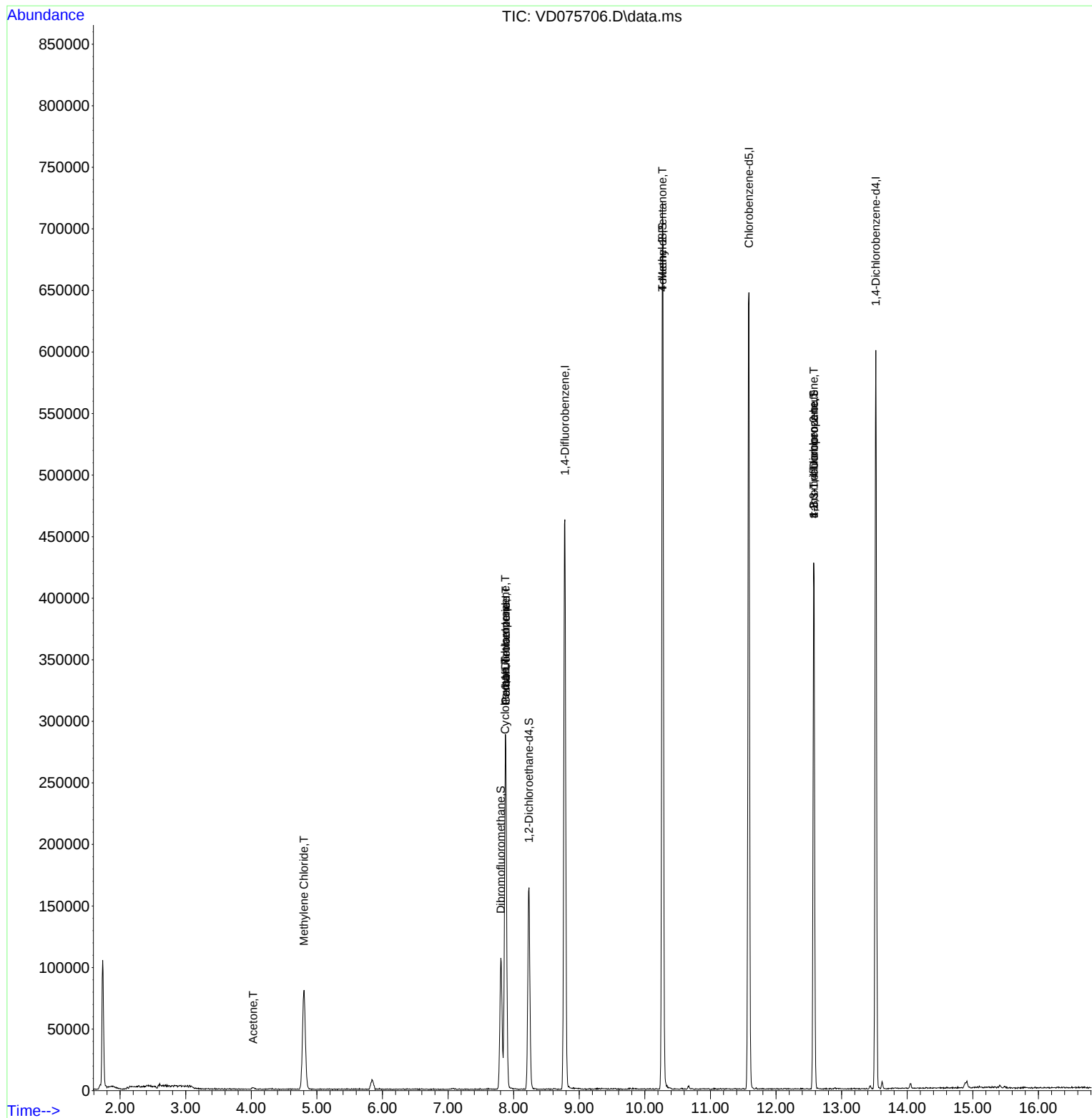
Internal Standards						
1) Pentafluorobenzene	7.881	168	235501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	457457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	410370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	173402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	124154	55.541	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.080%
35) Dibromofluoromethane	7.804	113	78725	25.586	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	51.180%#
50) Toluene-d8	10.269	98	537622	43.633	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.260%
62) 4-Bromofluorobenzene	12.575	95	140186	42.805	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.600%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	2510	6.129	ug/l	98
20) Methylene Chloride	4.805	84	73550	20.496	ug/l #	76
31) Cyclohexane	7.869	56	4307	1.228	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	17320	4.080	ug/l #	51
38) Carbon Tetrachloride	7.881	117	21003	5.619	ug/l #	20
51) 4-Methyl-2-Pentanone	10.269	43	1443	1.149	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	67400	47.664	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	67400	103.306	ug/l #	5

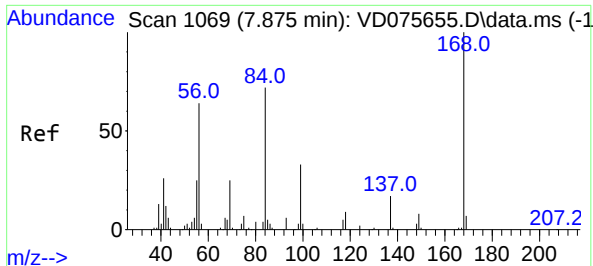
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

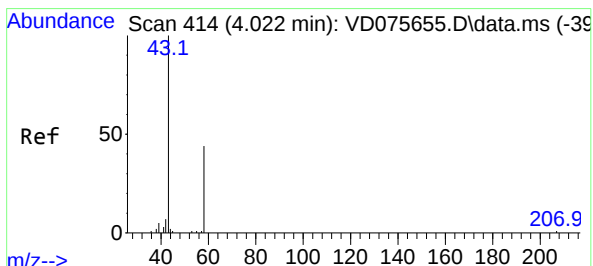
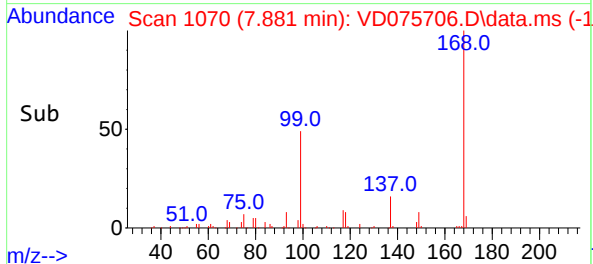
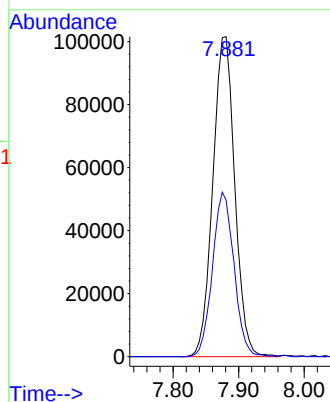
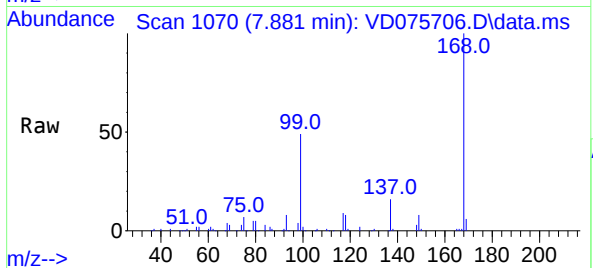




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075706.D
Acq: 17 Apr 2023 17:37

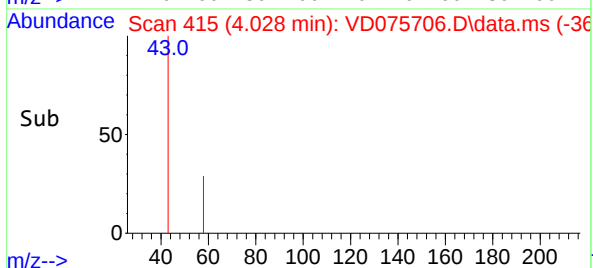
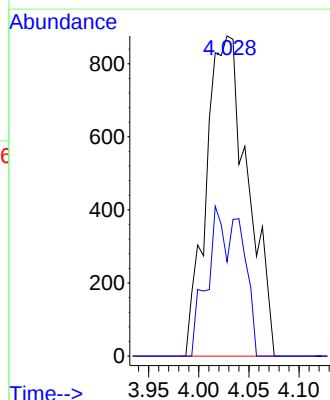
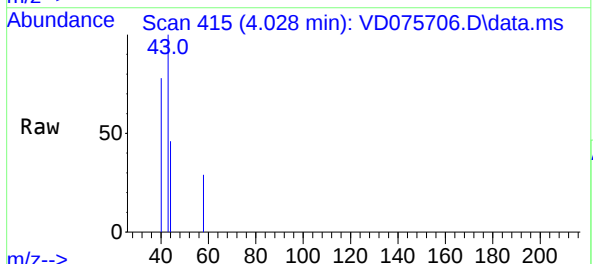
Instrument :
MSVOA_D
ClientSampleId :
SB-25-7.5-9.5-20230411

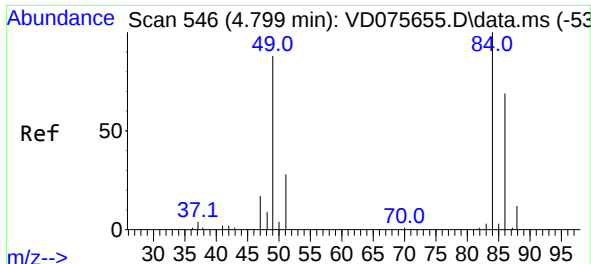
Tgt Ion:168 Resp: 235501
Ion Ratio Lower Upper
168 100
99 48.9 43.8 65.6



#16
Acetone
Concen: 6.129 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075706.D
Acq: 17 Apr 2023 17:37

Tgt Ion: 43 Resp: 2510
Ion Ratio Lower Upper
43 100
58 29.5 24.4 36.6



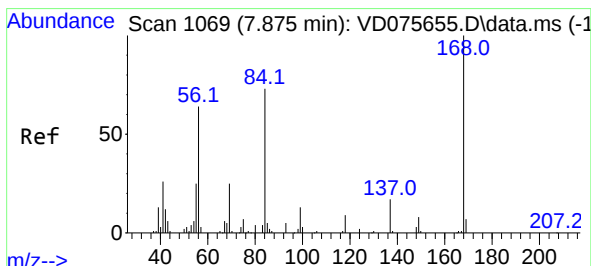
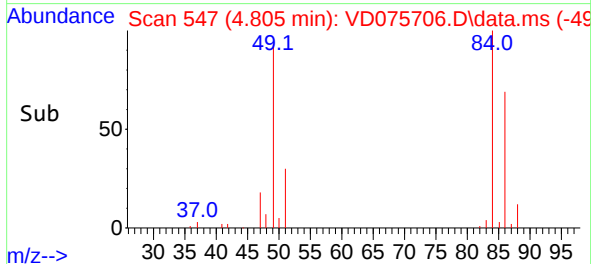
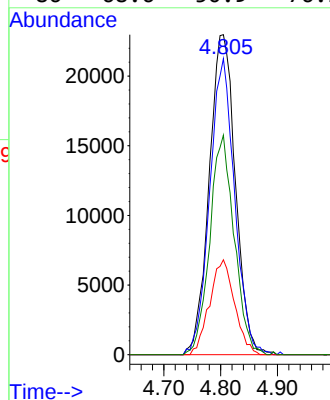
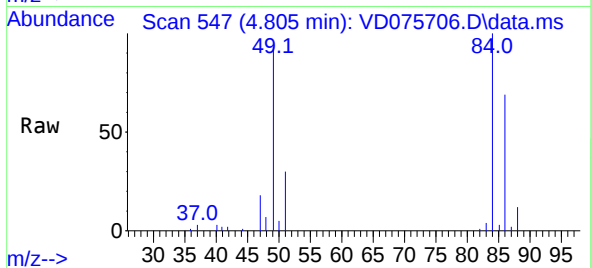


#20
Methylene Chloride
Concen: 20.496 ug/l
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD075706.D
Acq: 17 Apr 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :
SB-25-7.5-9.5-20230411

Tgt Ion: 84 Resp: 73550

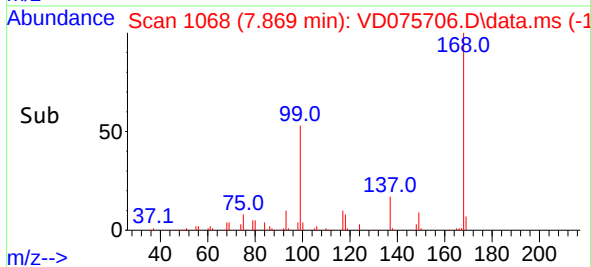
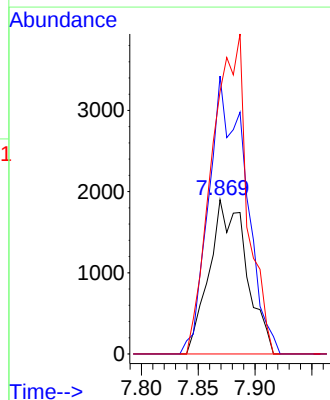
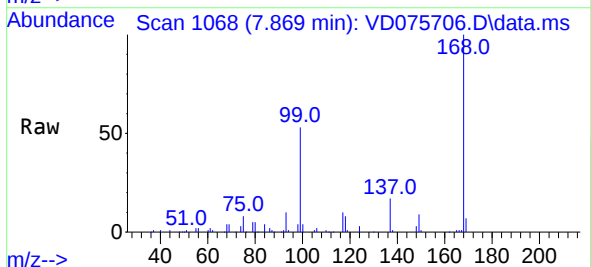
Ion	Ratio	Lower	Upper
84	100		
49	92.5	106.4	159.6#
51	29.7	32.4	48.6#
86	68.6	50.9	76.3

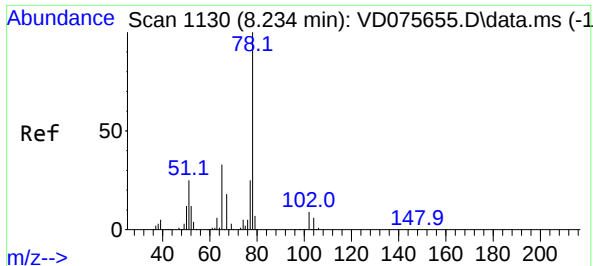


#31
Cyclohexane
Concen: 1.228 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD075706.D
Acq: 17 Apr 2023 17:37

Tgt Ion: 56 Resp: 4307

Ion	Ratio	Lower	Upper
56	100		
69	180.2	25.5	38.3#
84	170.2	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 55.541 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075706.D

Acq: 17 Apr 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :

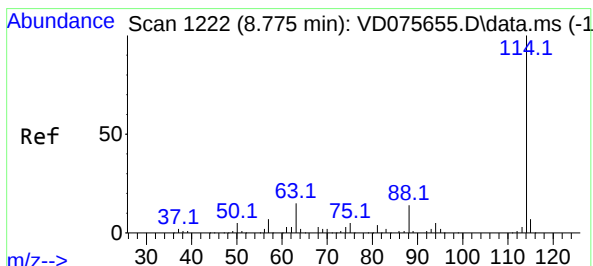
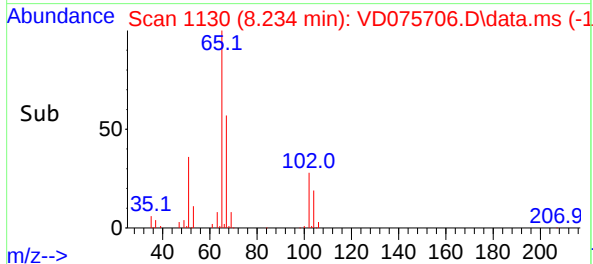
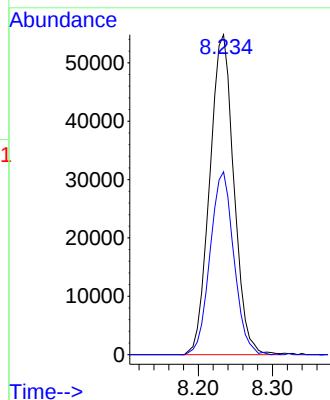
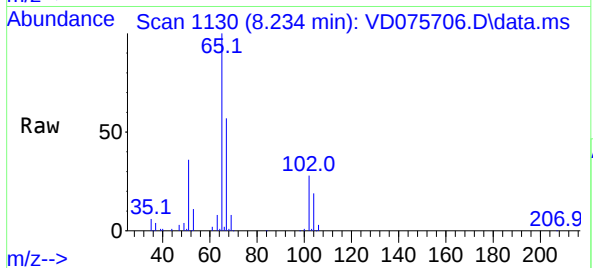
SB-25-7.5-9.5-20230411

Tgt Ion: 65 Resp: 124154

Ion Ratio Lower Upper

65 100

67 56.2 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075706.D

Acq: 17 Apr 2023 17:37

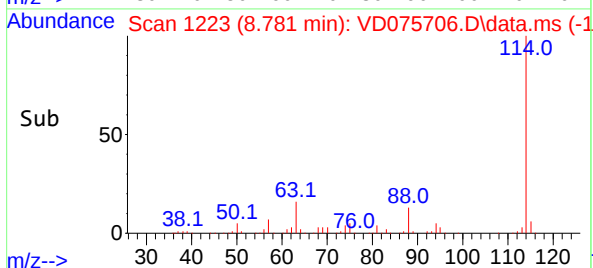
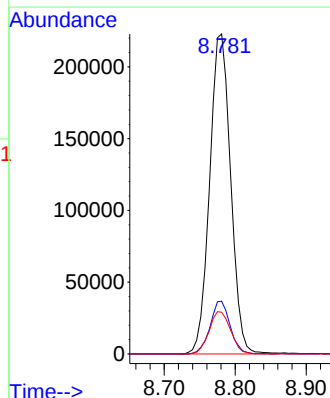
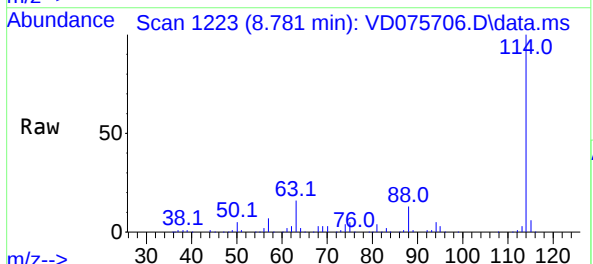
Tgt Ion: 114 Resp: 457457

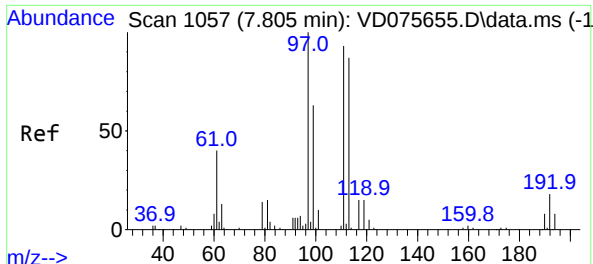
Ion Ratio Lower Upper

114 100

63 16.5 0.0 41.6

88 13.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 25.586 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075706.D

Acq: 17 Apr 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :

SB-25-7.5-9.5-20230411

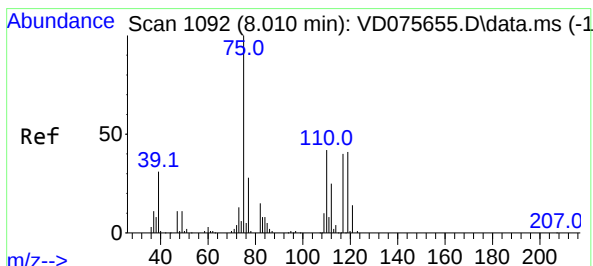
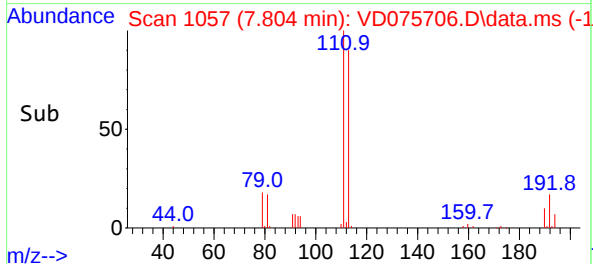
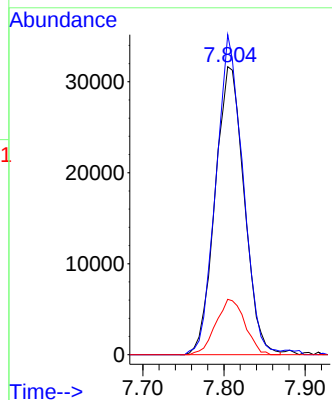
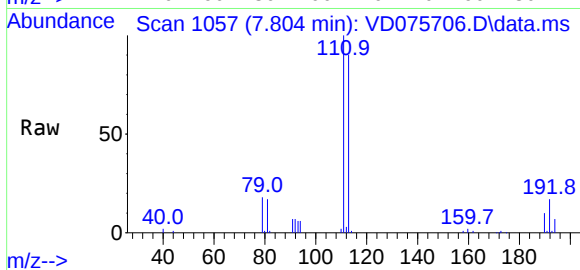
Tgt Ion:113 Resp: 78725

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 19.2 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.080 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075706.D

Acq: 17 Apr 2023 17:37

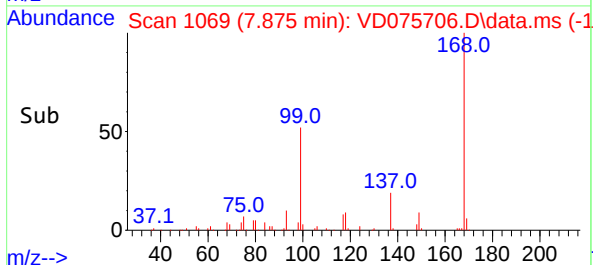
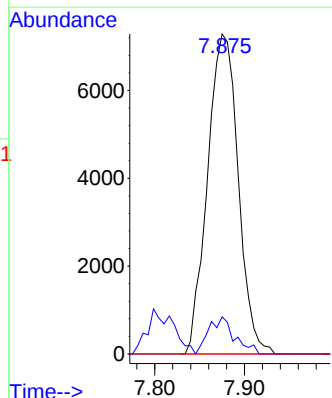
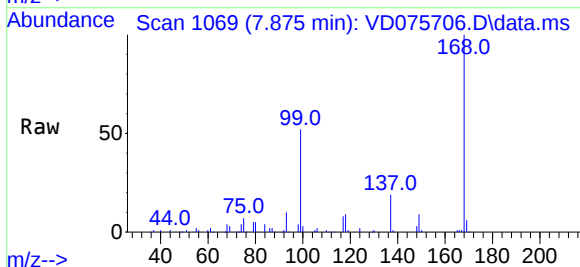
Tgt Ion: 75 Resp: 17320

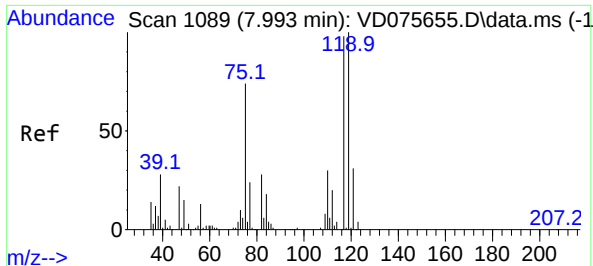
Ion Ratio Lower Upper

75 100

110 9.7 17.1 51.2#

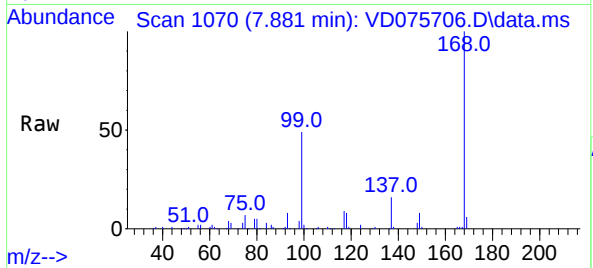
77 0.0 24.6 36.8#



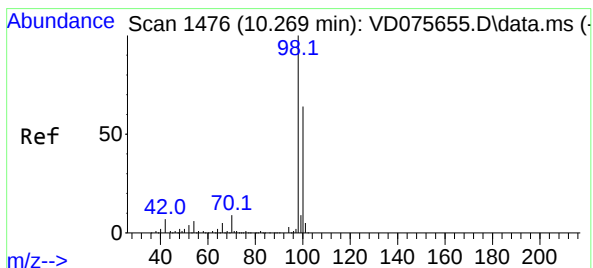
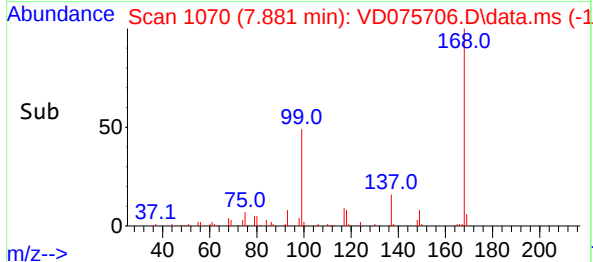
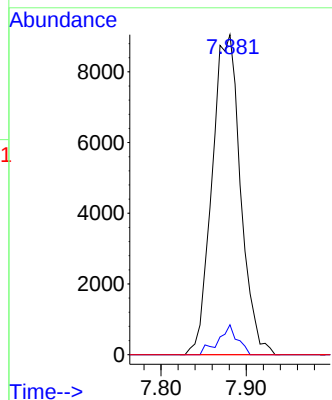


#38
Carbon Tetrachloride
Concen: 5.619 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD075706.D
Acq: 17 Apr 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :
SB-25-7.5-9.5-20230411

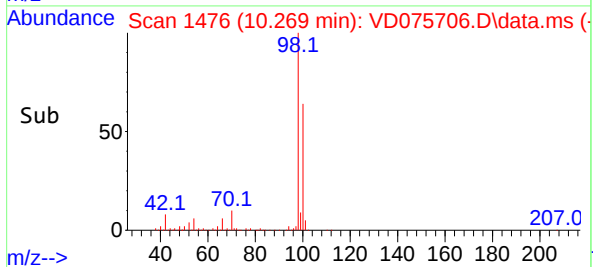
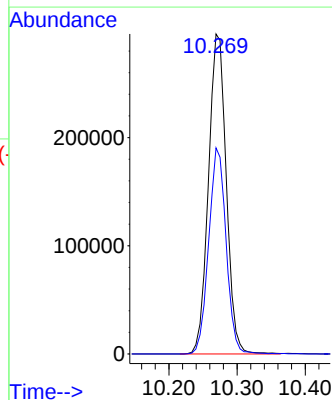
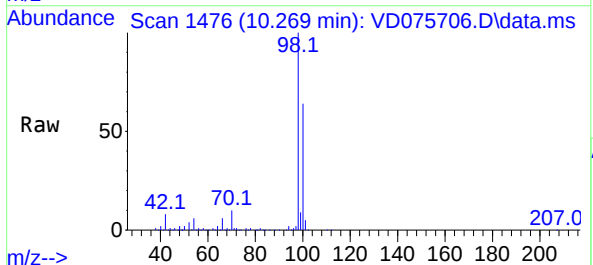


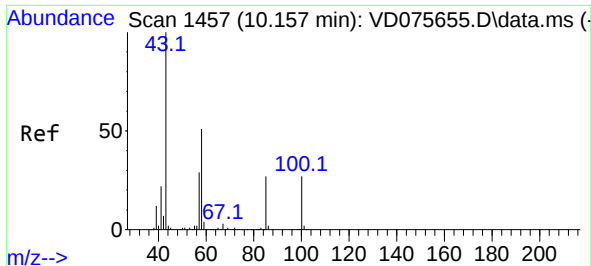
Tgt Ion:117 Resp: 21003
Ion Ratio Lower Upper
117 100
119 9.4 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 43.633 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075706.D
Acq: 17 Apr 2023 17:37

Tgt Ion: 98 Resp: 537622
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1

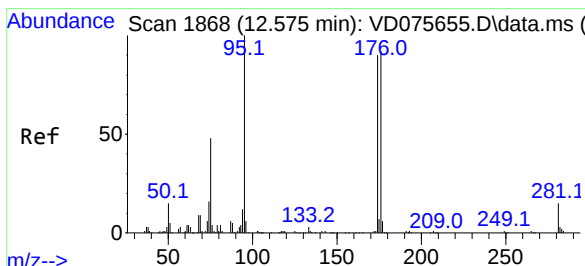
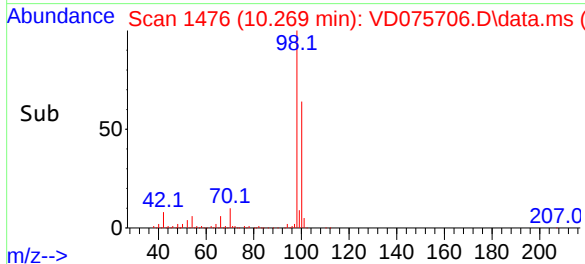
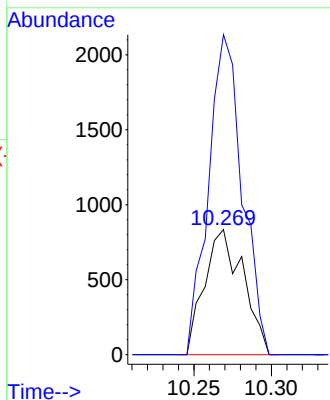
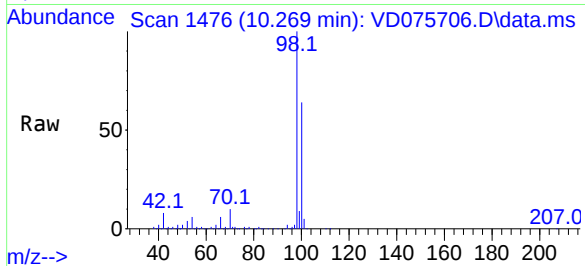




#51
4-Methyl-2-Pentanone
Concen: 1.149 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD075706.D
Acq: 17 Apr 2023 17:37

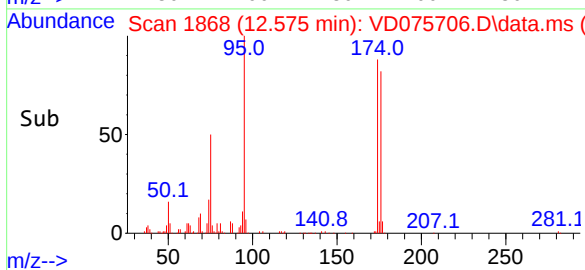
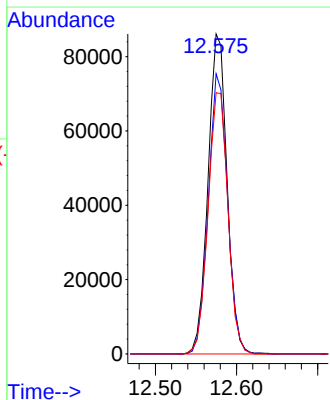
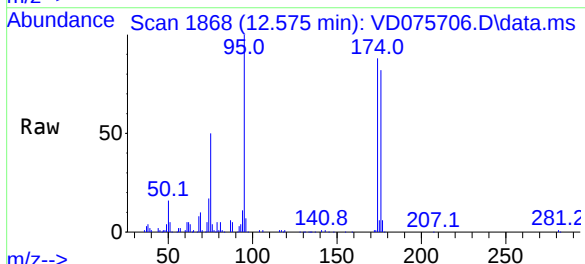
Instrument :
MSVOA_D
ClientSampleId :
SB-25-7.5-9.5-20230411

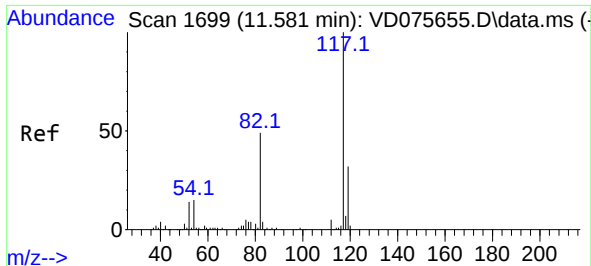
Tgt Ion: 43 Resp: 1443
Ion Ratio Lower Upper
43 100
58 225.6 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 42.805 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075706.D
Acq: 17 Apr 2023 17:37

Tgt Ion: 95 Resp: 140186
Ion Ratio Lower Upper
95 100
174 88.6 0.0 164.0
176 85.2 0.0 156.8

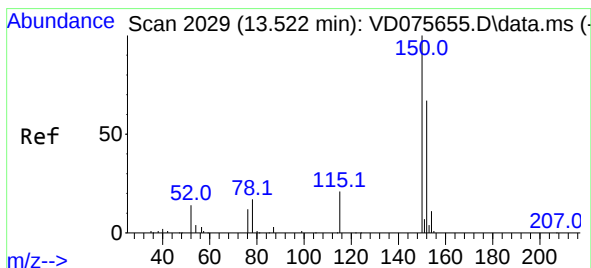
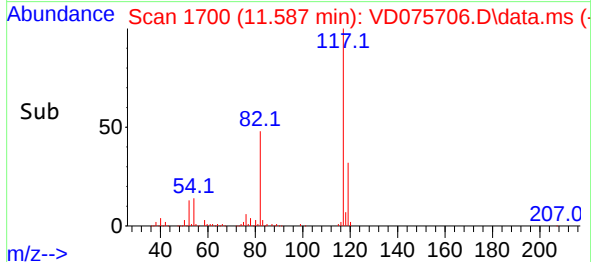
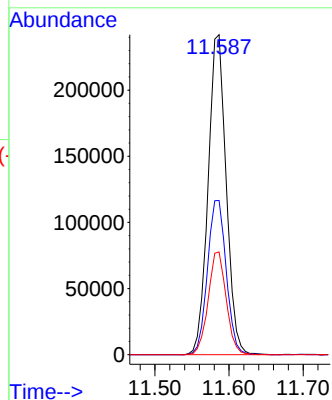
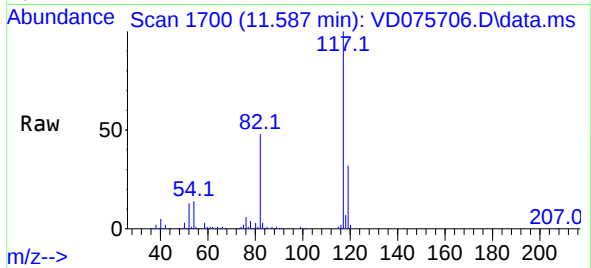




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD075706.D
Acq: 17 Apr 2023 17:37

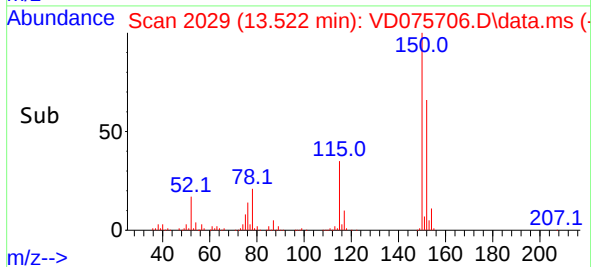
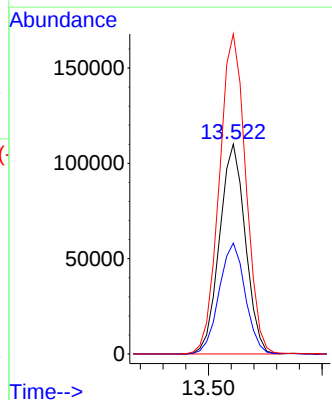
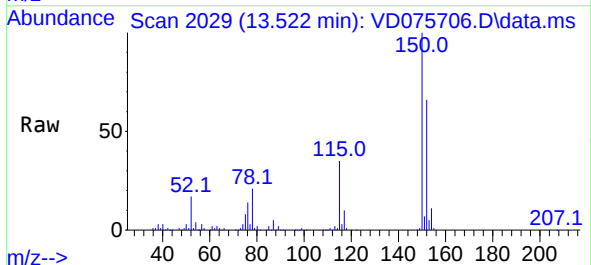
Instrument :
MSVOA_D
ClientSampleId :
SB-25-7.5-9.5-20230411

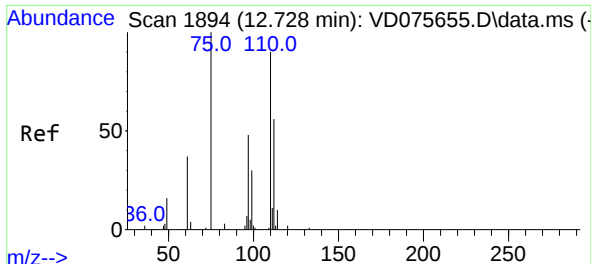
Tgt Ion:117 Resp: 410370
Ion Ratio Lower Upper
117 100
82 48.2 44.0 66.0
119 32.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075706.D
Acq: 17 Apr 2023 17:37

Tgt Ion:152 Resp: 173402
Ion Ratio Lower Upper
152 100
115 53.6 30.1 90.3
150 156.7 0.0 364.8

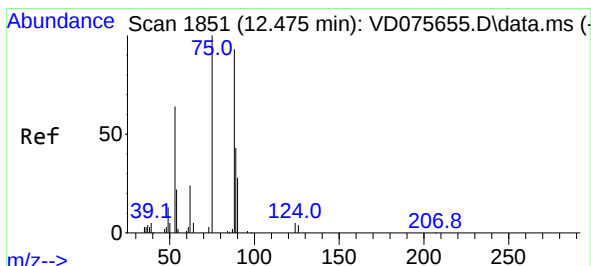
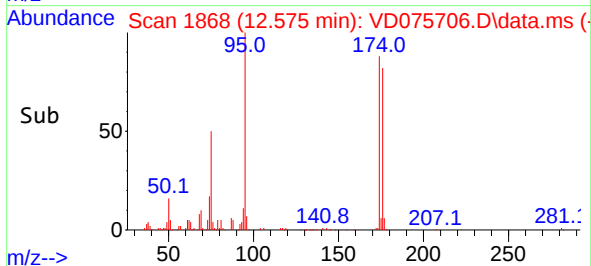
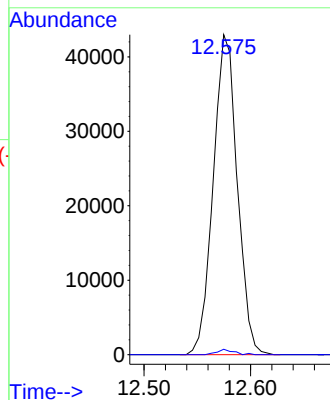
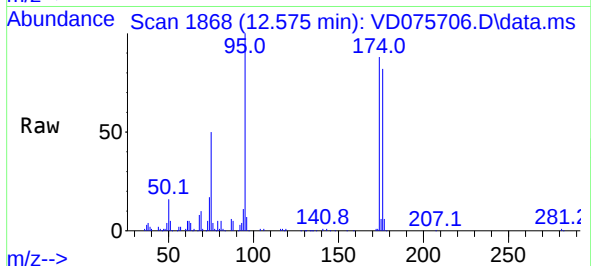




#76
1,2,3-Trichloropropane
Concen: 47.664 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075706.D
Acq: 17 Apr 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :
SB-25-7.5-9.5-20230411

Tgt Ion: 75 Resp: 67400
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.306 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075706.D
Acq: 17 Apr 2023 17:37

Tgt Ion: 75 Resp: 67400
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

