

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
 Data File : VD075318.D
 Acq On : 13 Feb 2023 10:17
 Operator : KP/SY
 Sample : VD0213SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0213SBL01

Quant Time: Feb 14 01:14:24 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)

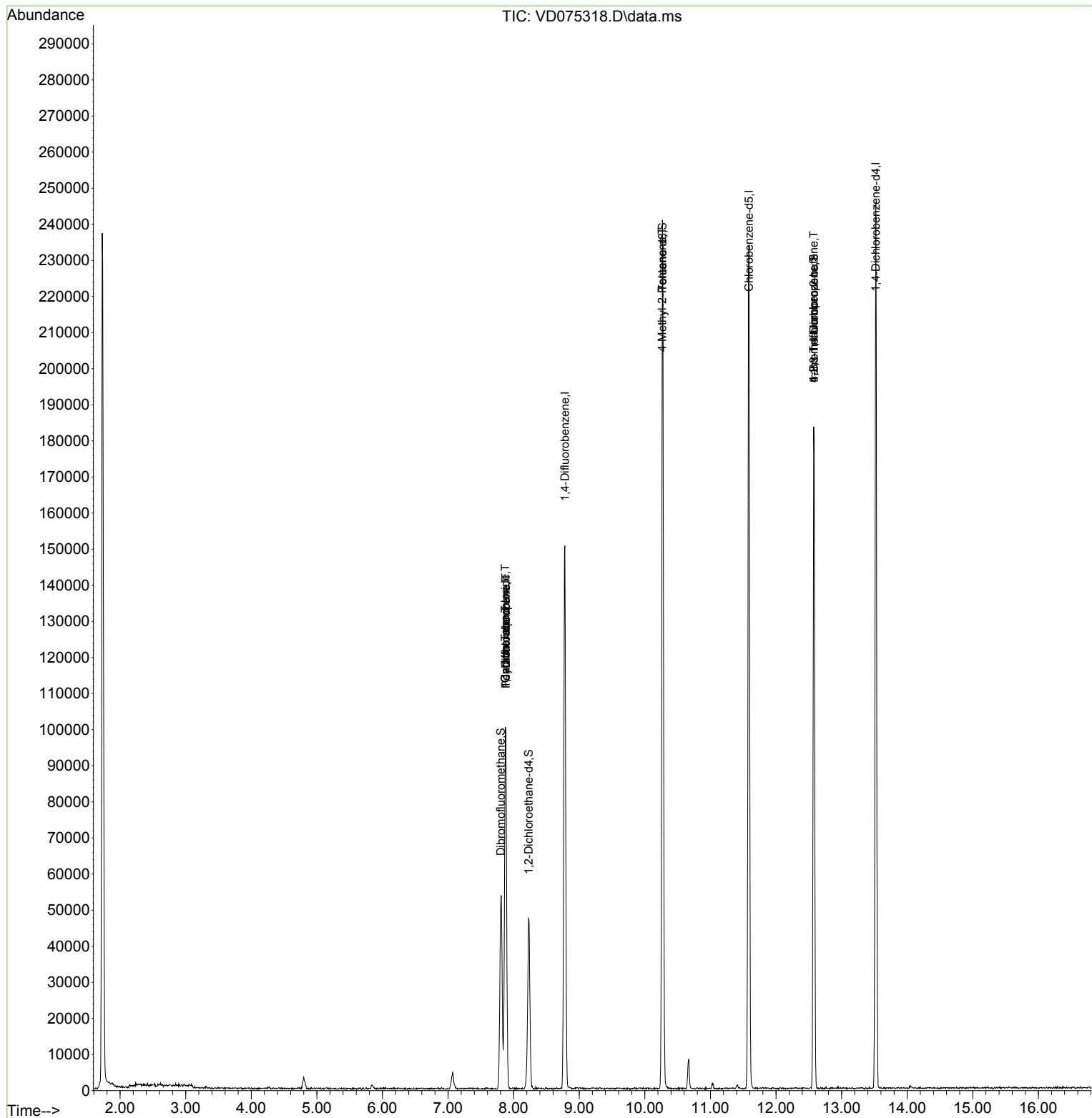
Internal Standards						
1) Pentafluorobenzene	7.881	168	74041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	127211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	128389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	60278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	37362	43.034	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.060%
35) Dibromofluoromethane	7.805	113	38708	43.395	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.780%
50) Toluene-d8	10.269	98	155255	45.896	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.800%
62) 4-Bromofluorobenzene	12.575	95	54116	48.516	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.040%
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	238	Below Cal	#	20
20) Methylene Chloride	4.799	84	1915	Below Cal	#	90
31) Cyclohexane	7.875	56	2211	1.434	ug/l #	50
36) 1,1-Dichloropropene	7.881	75	6445	4.638	ug/l #	48
38) Carbon Tetrachloride	7.875	117	7747	6.017	ug/l #	18
51) 4-Methyl-2-Pentanone	10.263	43	816	1.394	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	30219	44.137	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	30219	139.360	ug/l #	14

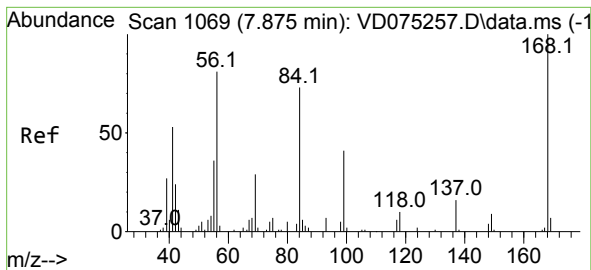
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD075318.D
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Quant Time: Feb 14 01:14:24 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

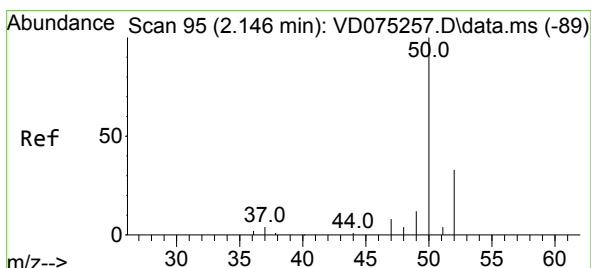
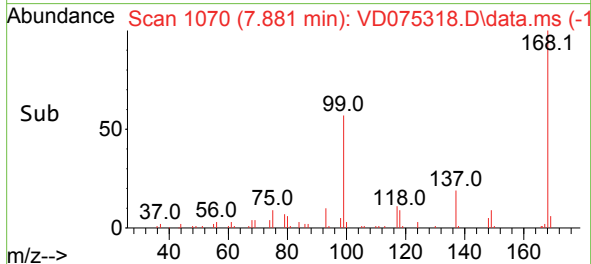
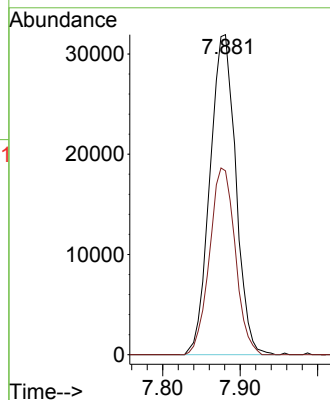
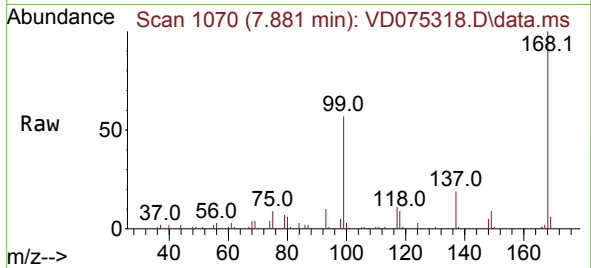




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD075318.D
Acq: 13 Feb 2023 10:17

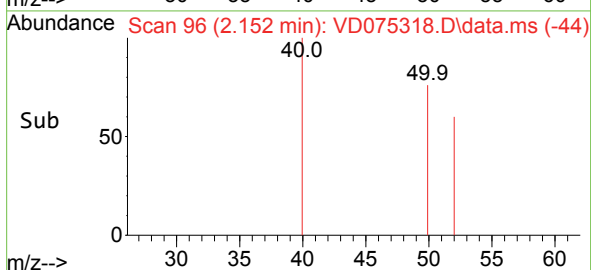
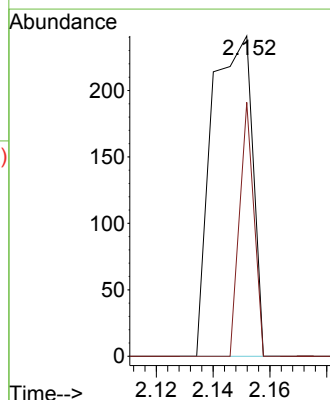
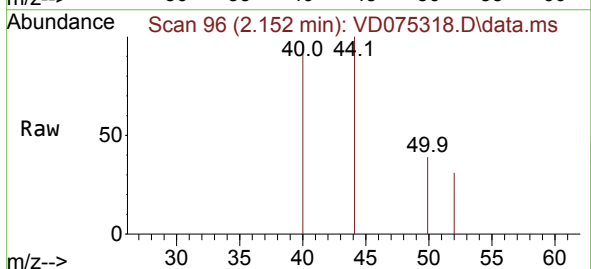
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBL01

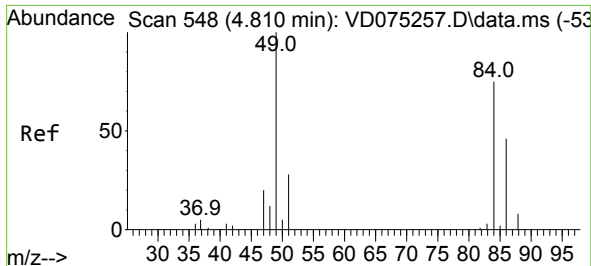
Tgt Ion:168 Resp: 74041
Ion Ratio Lower Upper
168 100
99 57.4 45.2 67.8



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD075318.D
Acq: 13 Feb 2023 10:17

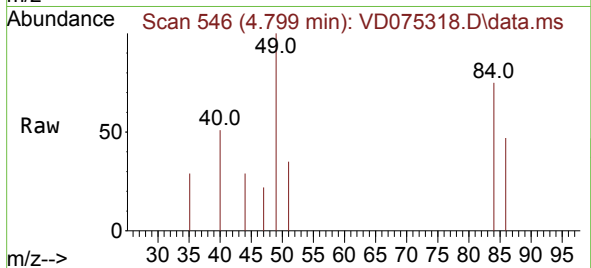
Tgt Ion: 50 Resp: 238
Ion Ratio Lower Upper
50 100
52 79.3 27.0 40.6#



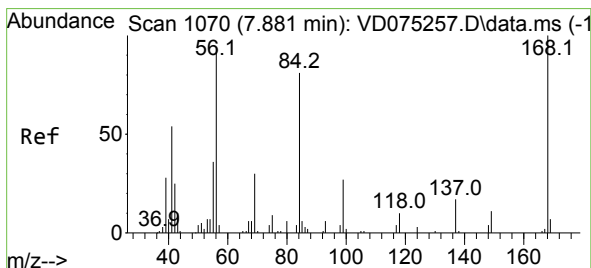
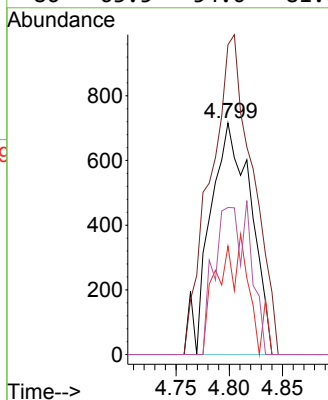
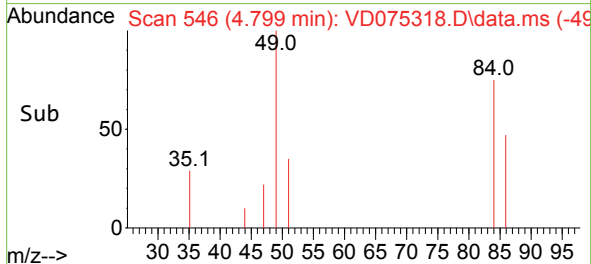


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.011 min
Lab File: VD075318.D
Acq: 13 Feb 2023 10:17

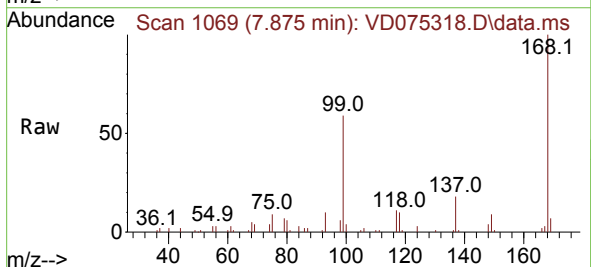
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBL01



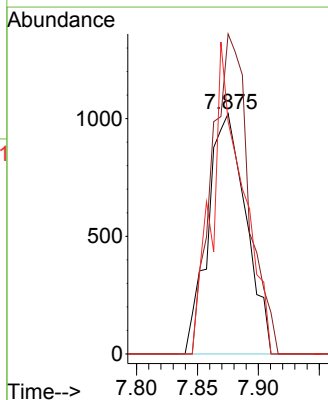
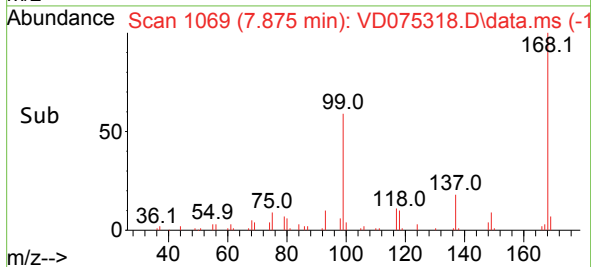
Tgt Ion:	84	Resp:	1915
Ion	Ratio	Lower	Upper
84	100		
49	133.8	97.0	145.6
51	46.8	30.9	46.3#
86	63.5	54.0	81.0

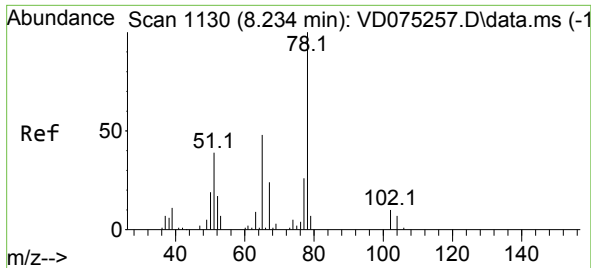


#31
Cyclohexane
Concen: 1.434 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075318.D
Acq: 13 Feb 2023 10:17



Tgt Ion:	56	Resp:	2211
Ion	Ratio	Lower	Upper
56	100		
69	133.2	26.6	40.0#
84	96.7	74.1	111.1

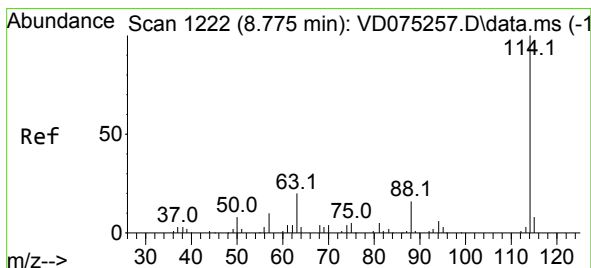
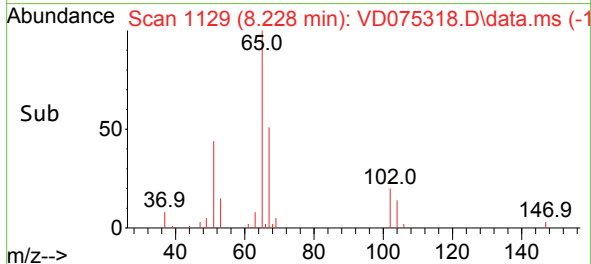
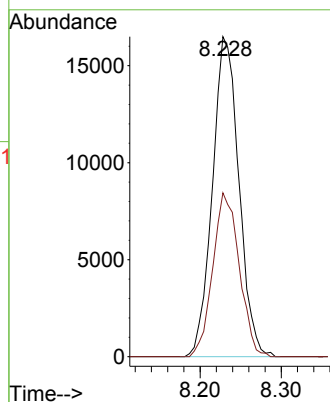
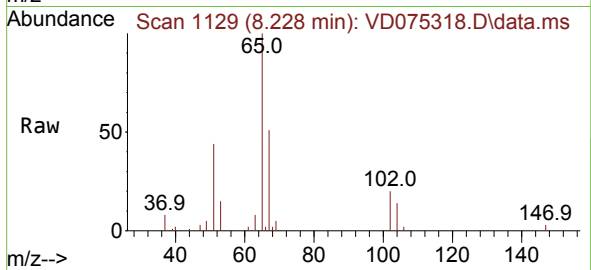




#33
1,2-Dichloroethane-d4
Concen: 43.034 ug/l
RT: 8.228 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD075318.D
Acq: 13 Feb 2023 10:17

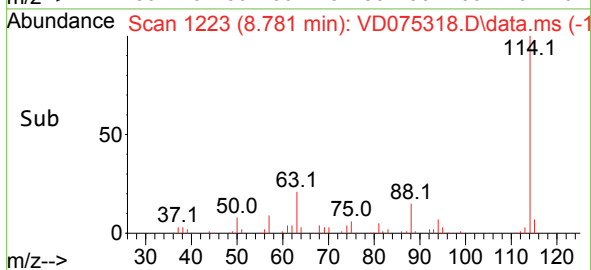
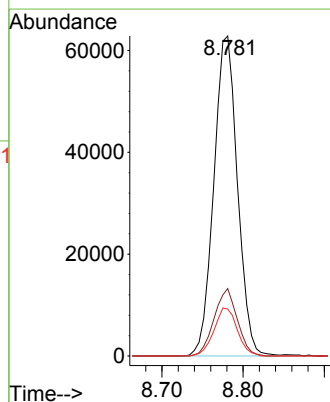
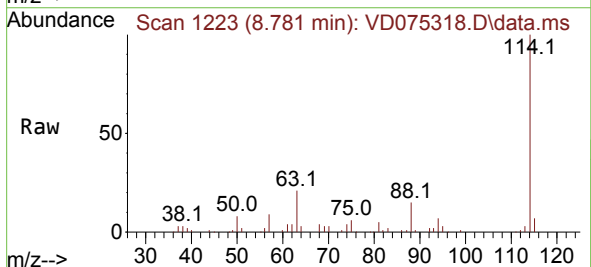
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBL01

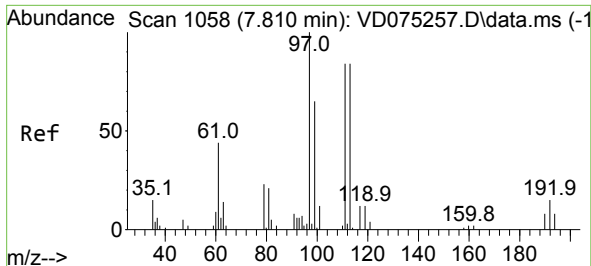
Tgt Ion: 65 Resp: 37362
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD075318.D
Acq: 13 Feb 2023 10:17

Tgt Ion: 114 Resp: 127211
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.2
88 14.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 43.395 ug/l

RT: 7.805 min Scan# 1070

Delta R.T. -0.005 min

Lab File: VD075318.D

Acq: 13 Feb 2023 10:17

Instrument :

MSVOA_D

ClientSampleId :

VD0213SBL01

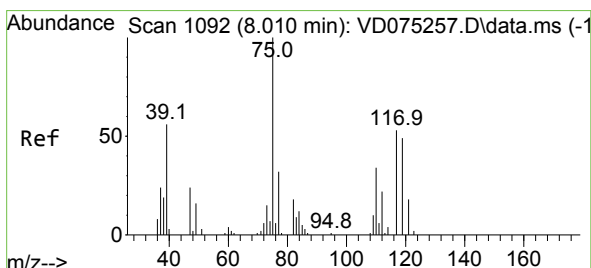
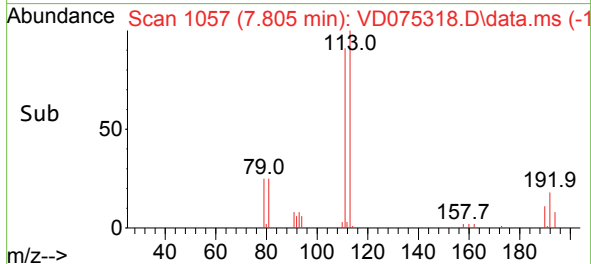
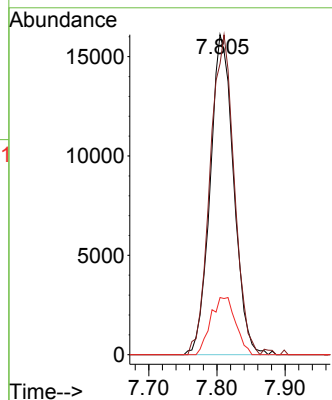
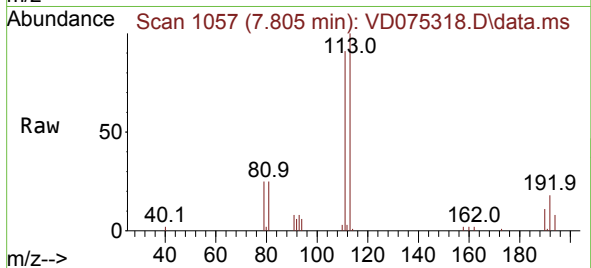
Tgt Ion:113 Resp: 38708

Ion Ratio Lower Upper

113 100

111 102.4 80.1 120.1

192 19.0 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.638 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

Lab File: VD075318.D

Acq: 13 Feb 2023 10:17

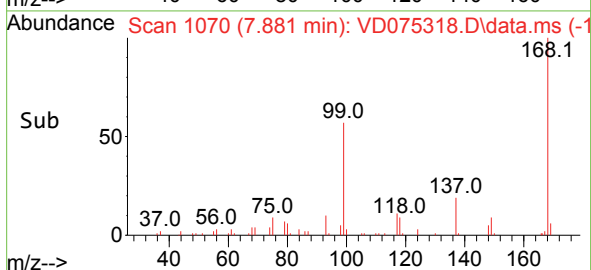
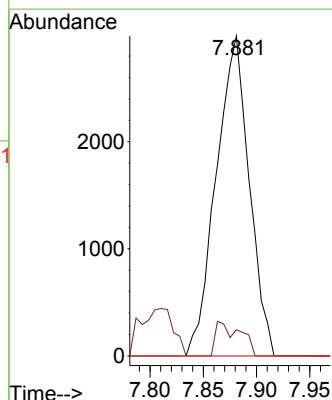
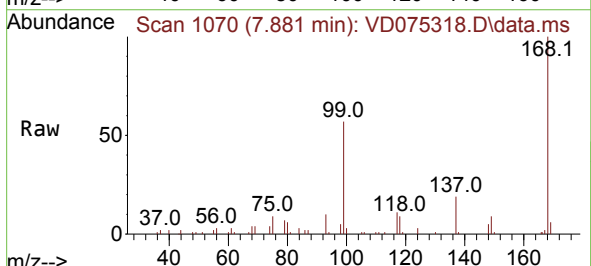
Tgt Ion: 75 Resp: 6445

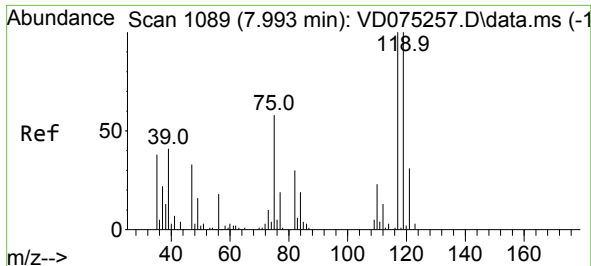
Ion Ratio Lower Upper

75 100

110 8.0 18.1 54.4#

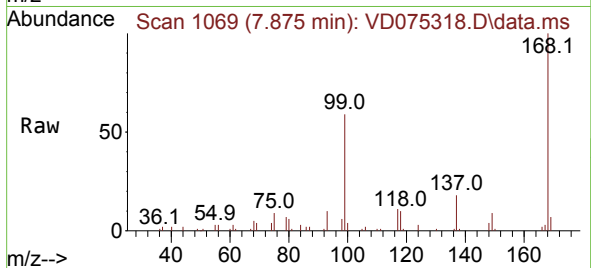
77 0.0 25.1 37.7#



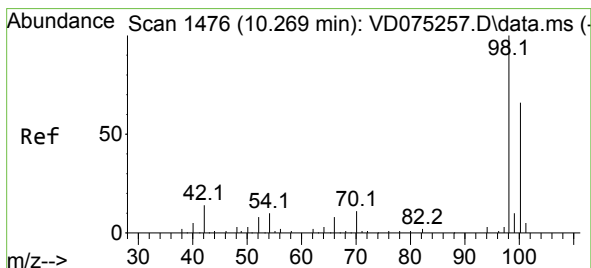
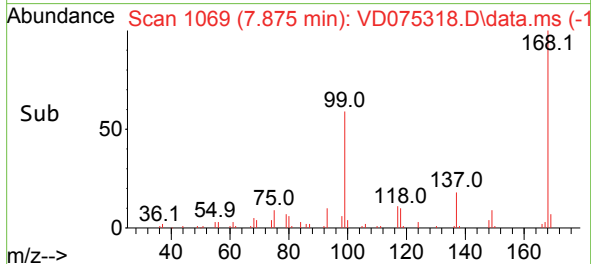
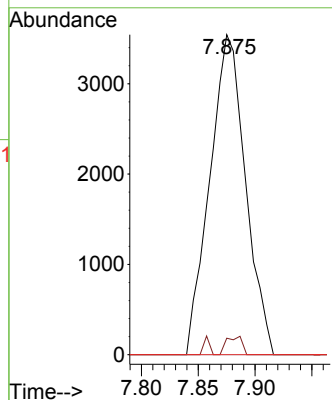


#38
Carbon Tetrachloride
Concen: 6.017 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075318.D
Acq: 13 Feb 2023 10:17

Instrument :
MSVOA_D
ClientSampleId :
VD0213SBL01

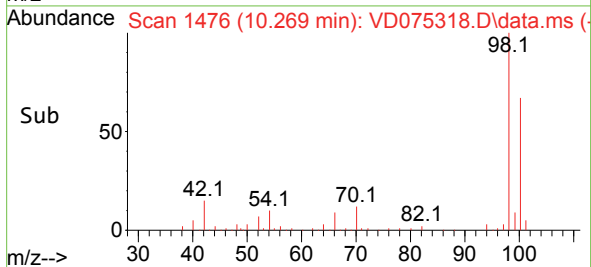
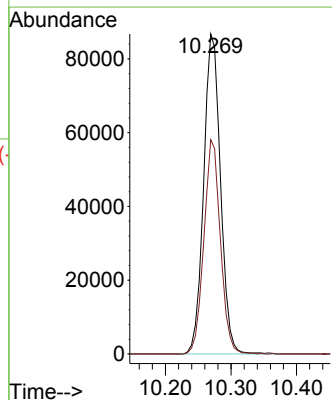
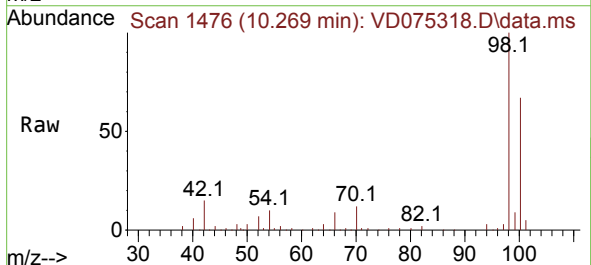


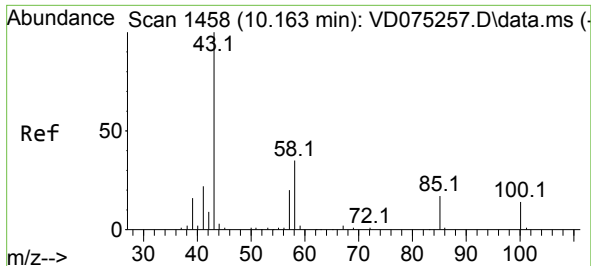
Tgt Ion:117 Resp: 7747
Ion Ratio Lower Upper
117 100
119 5.1 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 45.896 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075318.D
Acq: 13 Feb 2023 10:17

Tgt Ion: 98 Resp: 155255
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 1.394 ug/l

RT: 10.263 min Scan# 1458

Delta R.T. 0.100 min

Lab File: VD075318.D

Acq: 13 Feb 2023 10:17

Instrument :

MSVOA_D

ClientSampleId :

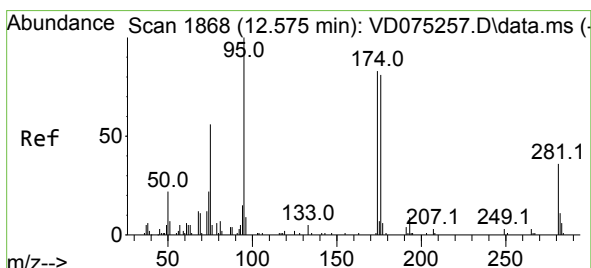
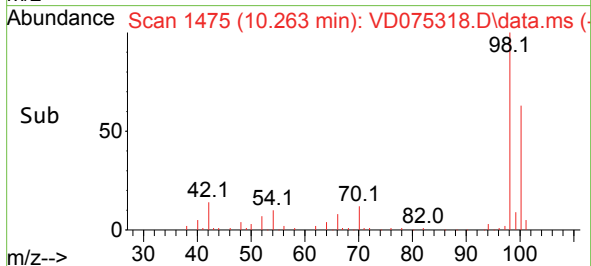
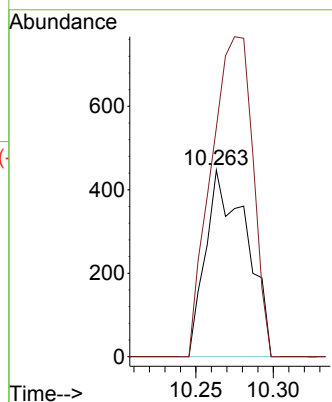
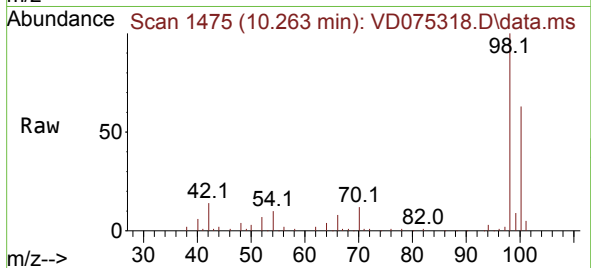
VD0213SBL01

Tgt Ion: 43 Resp: 816

Ion Ratio Lower Upper

43 100

58 175.9 31.4 47.0#



#62

4-Bromofluorobenzene

Concen: 48.516 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075318.D

Acq: 13 Feb 2023 10:17

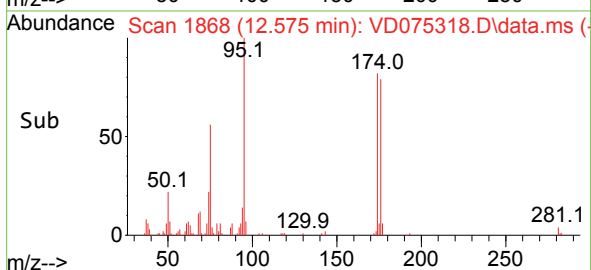
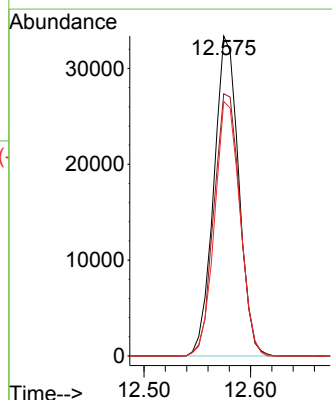
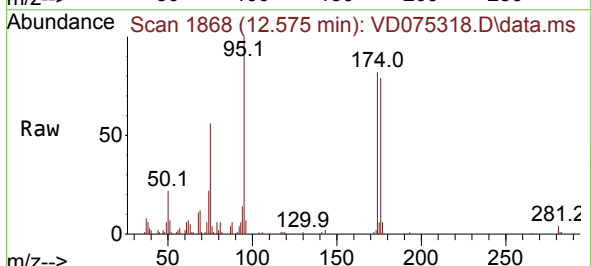
Tgt Ion: 95 Resp: 54116

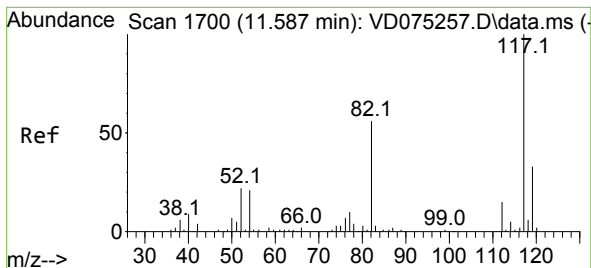
Ion Ratio Lower Upper

95 100

174 85.7 0.0 161.2

176 81.0 0.0 160.2

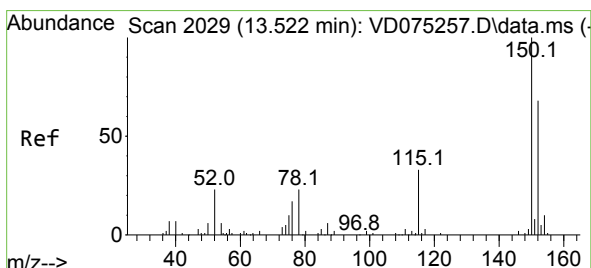
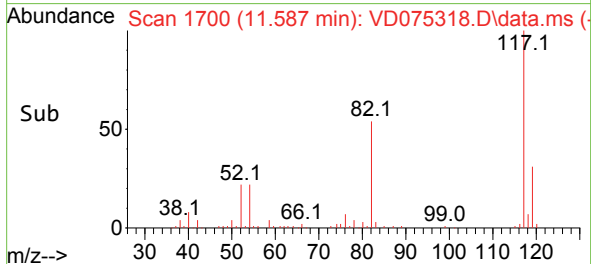
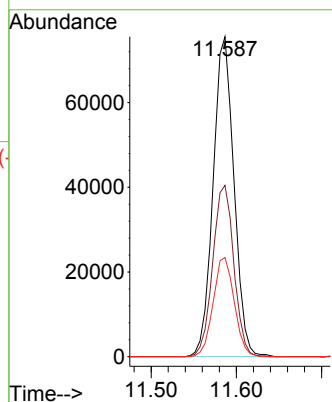
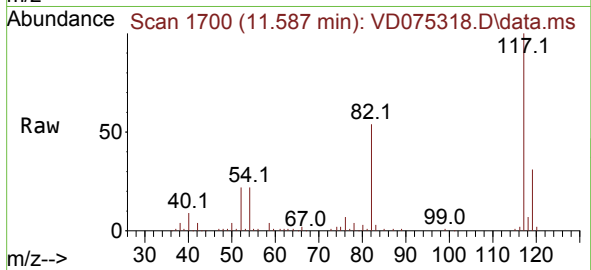




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075318.D
Acq: 13 Feb 2023 10:17

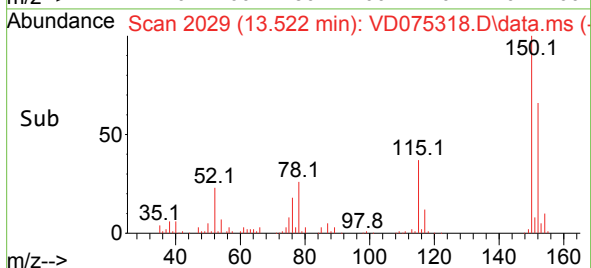
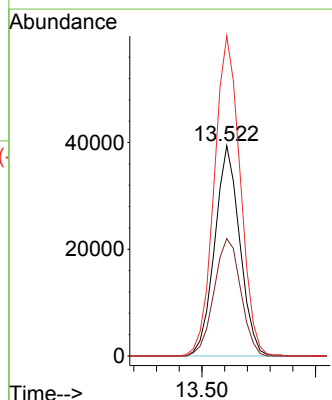
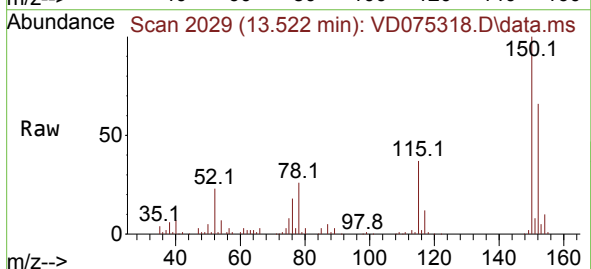
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBL01

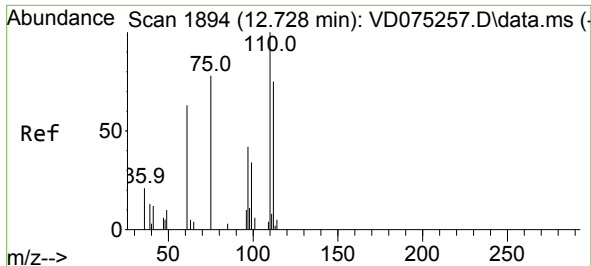
Tgt Ion:117 Resp: 128389
Ion Ratio Lower Upper
117 100
82 53.6 39.6 59.4
119 31.0 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075318.D
Acq: 13 Feb 2023 10:17

Tgt Ion:152 Resp: 60278
Ion Ratio Lower Upper
152 100
115 59.5 28.8 86.4
150 158.1 0.0 348.6

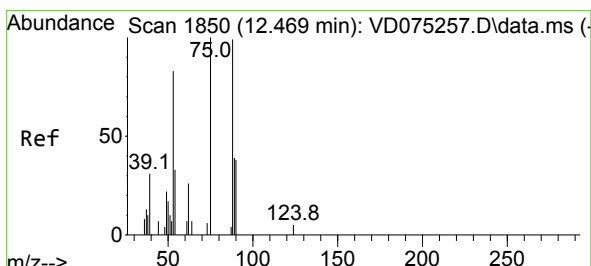
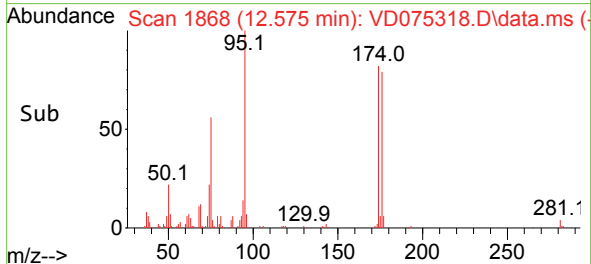
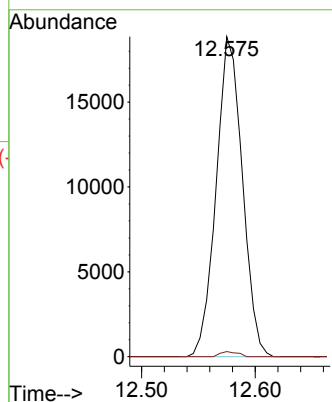
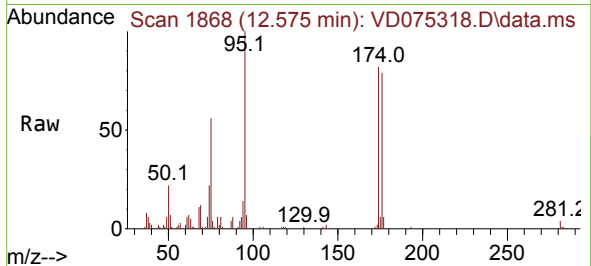




#76
1,2,3-Trichloropropane
Concen: 44.137 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075318.D
Acq: 13 Feb 2023 10:17

Instrument :
MSVOA_D
ClientSampleId :
VD0213SBL01

Tgt Ion: 75 Resp: 30219
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.360 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075318.D
Acq: 13 Feb 2023 10:17

Tgt Ion: 75 Resp: 30219
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

