

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022223\
 Data File : VD075400.D
 Acq On : 22 Feb 2023 14:40
 Operator : KP/SY
 Sample : 01593-04RE
 Misc : 7.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-26-SB03

Quant Time: Feb 22 22:38:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

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

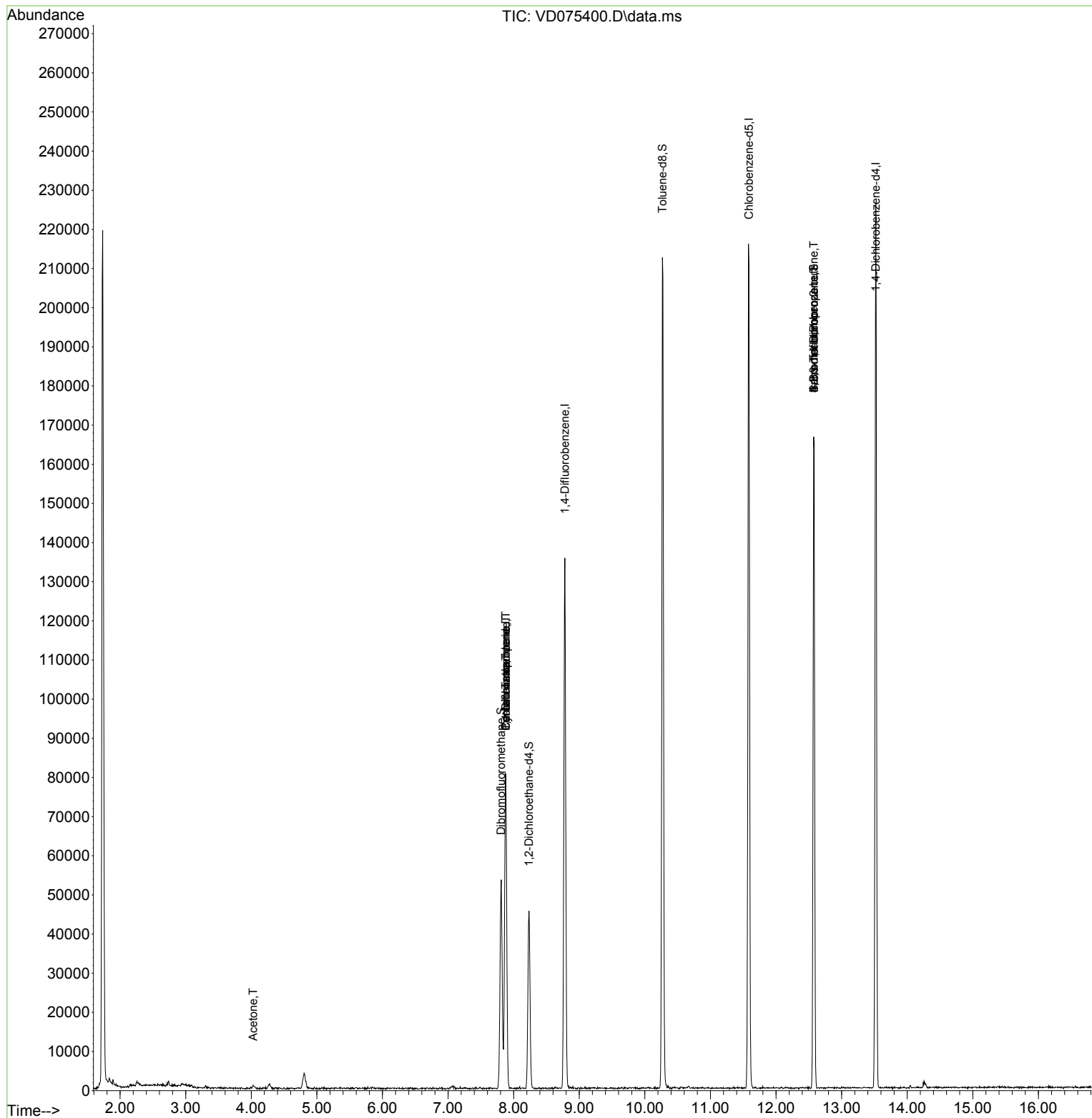
Internal Standards						
1) Pentafluorobenzene	7.881	168	60549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	110400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	118375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	56067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	35747	69.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.660%	
35) Dibromofluoromethane	7.810	113	36620	55.876	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.760%	
50) Toluene-d8	10.269	98	140052	59.213	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.420%	
62) 4-Bromofluorobenzene	12.575	95	50307	63.342	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 126.680%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	1207	7.702	ug/l	94
20) Methylene Chloride	4.810	84	2951	Below Cal		97
31) Cyclohexane	7.881	56	1721	1.400	ug/l #	6
36) 1,1-Dichloropropene	7.881	75	5186	4.415	ug/l #	48
38) Carbon Tetrachloride	7.881	117	6489	5.513	ug/l #	18
71) Bromoform	12.575	173	622	1.350	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	27586	64.902	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	27586	147.978	ug/l #	5

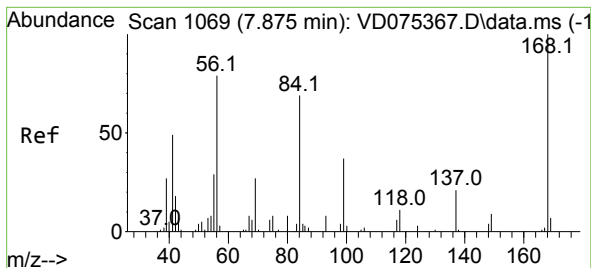
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Feb 21 16:26:04 2023
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: VD075400.D

Acq: 22 Feb 2023 14:40

Instrument :

MSVOA_D

ClientSampleId :

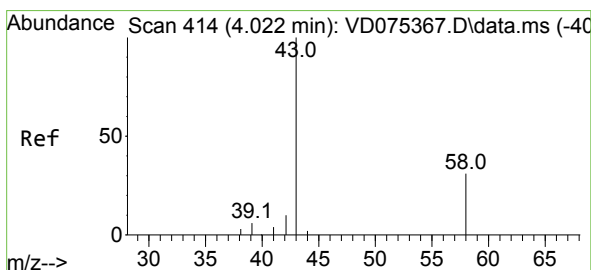
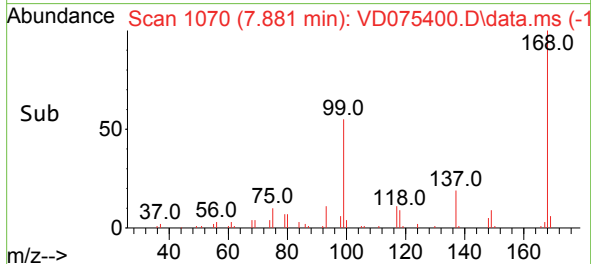
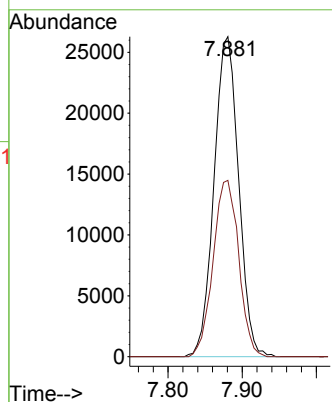
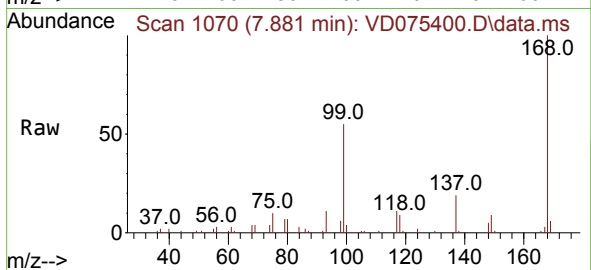
B-26-SB03

Tgt Ion:168 Resp: 60549

Ion Ratio Lower Upper

168 100

99 55.1 43.8 65.6



#16

Acetone

Concen: 7.702 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.006 min

Lab File: VD075400.D

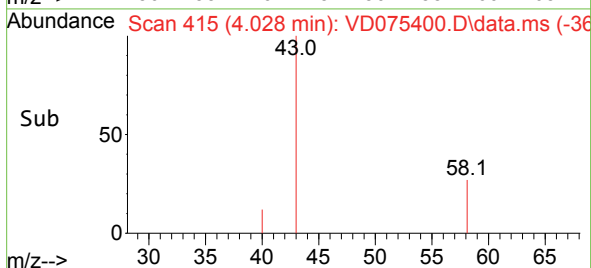
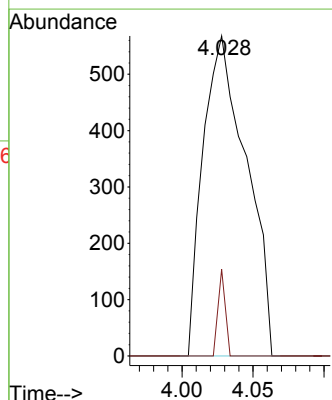
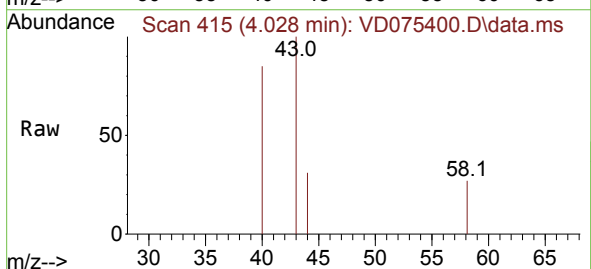
Acq: 22 Feb 2023 14:40

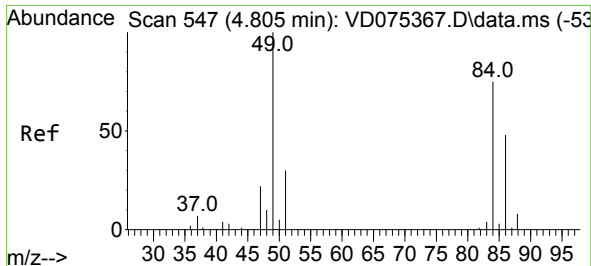
Tgt Ion: 43 Resp: 1207

Ion Ratio Lower Upper

43 100

58 27.1 24.4 36.6



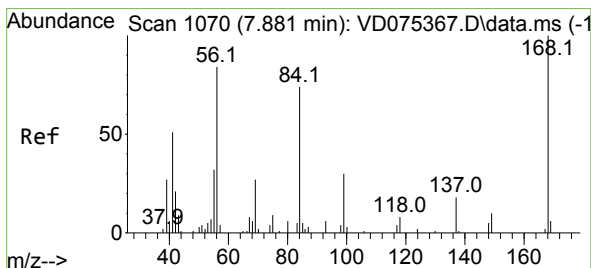
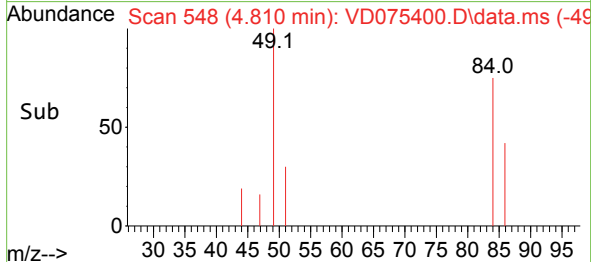
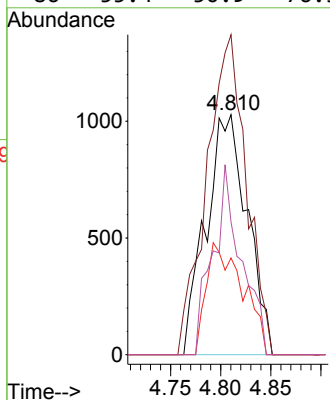
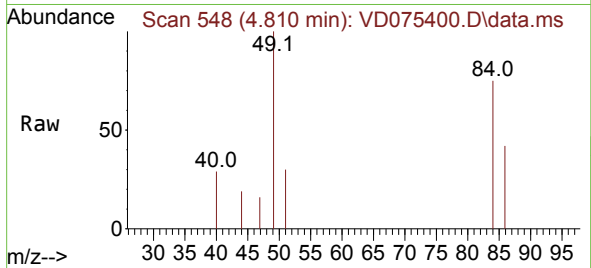


#20
Methylene Chloride
Concen: Below Cal
RT: 4.810 min Scan# 54
Delta R.T. 0.005 min
Lab File: VD075400.D
Acq: 22 Feb 2023 14:40

Instrument :
MSVOA_D
ClientSampleId :
B-26-SB03

Tgt Ion: 84 Resp: 2951

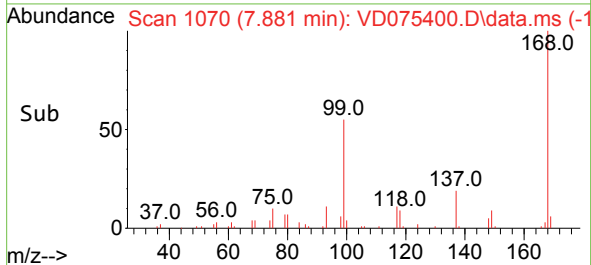
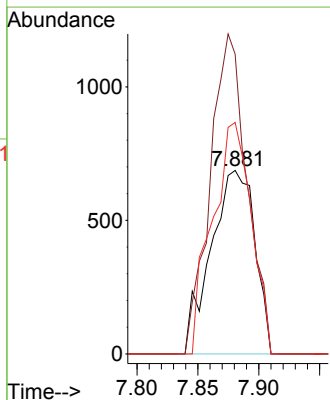
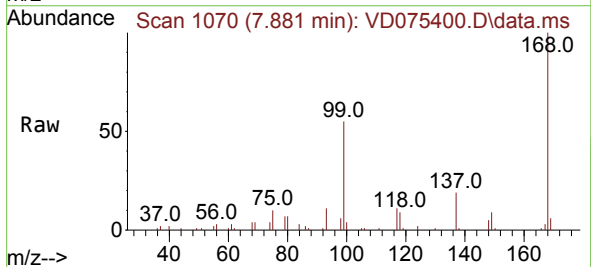
Ion	Ratio	Lower	Upper
84	100		
49	133.4	106.4	159.6
51	40.3	32.4	48.6
86	55.4	50.9	76.3

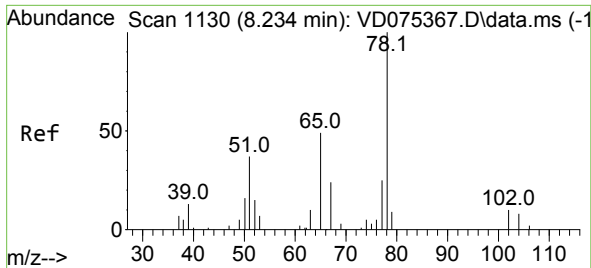


#31
Cyclohexane
Concen: 1.400 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075400.D
Acq: 22 Feb 2023 14:40

Tgt Ion: 56 Resp: 1721

Ion	Ratio	Lower	Upper
56	100		
69	163.3	25.5	38.3#
84	126.2	69.6	104.4#

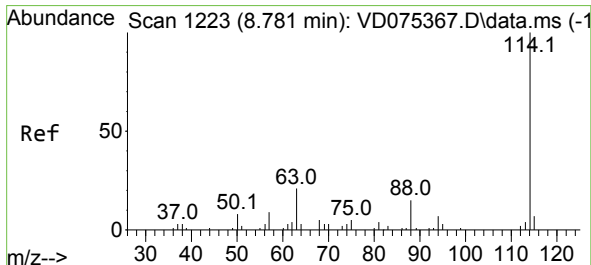
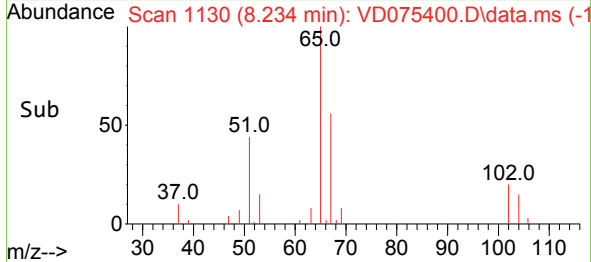
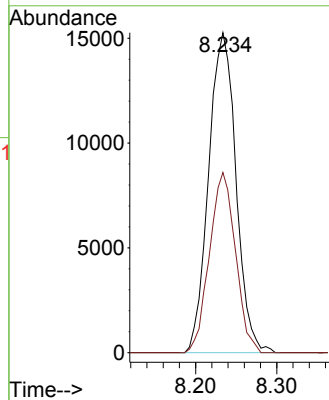
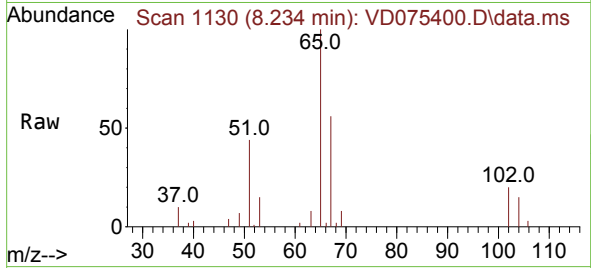




#33
1,2-Dichloroethane-d4
Concen: 69.826 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075400.D
Acq: 22 Feb 2023 14:40

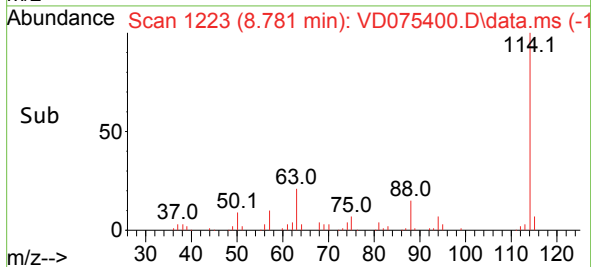
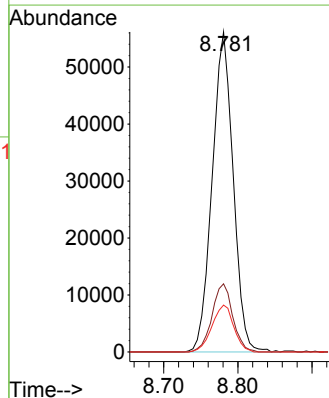
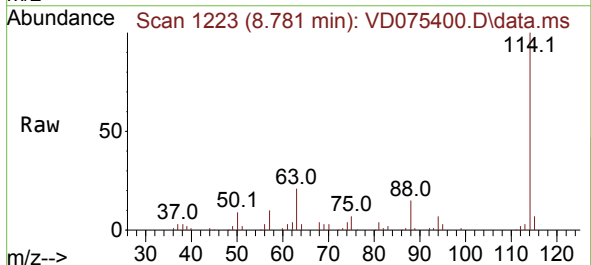
Instrument :
MSVOA_D
ClientSampleId :
B-26-SB03

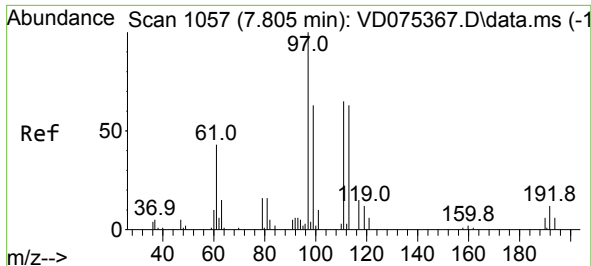
Tgt Ion: 65 Resp: 35747
Ion Ratio Lower Upper
65 100
67 53.5 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD075400.D
Acq: 22 Feb 2023 14:40

Tgt Ion:114 Resp: 110400
Ion Ratio Lower Upper
114 100
63 21.3 0.0 41.6
88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.876 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075400.D

Acq: 22 Feb 2023 14:40

Instrument :

MSVOA_D

ClientSampleId :

B-26-SB03

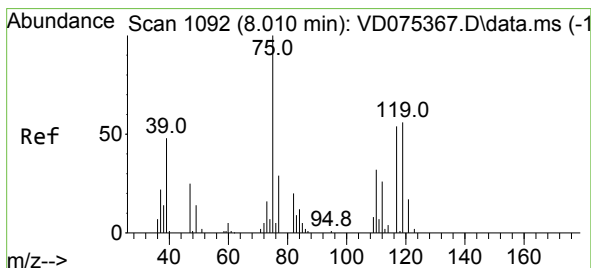
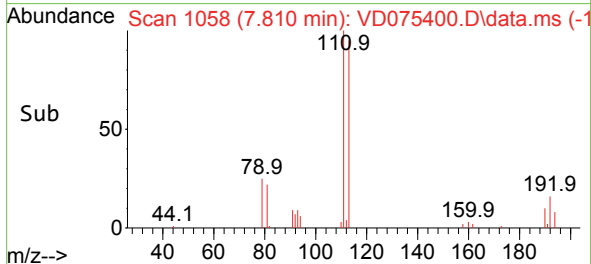
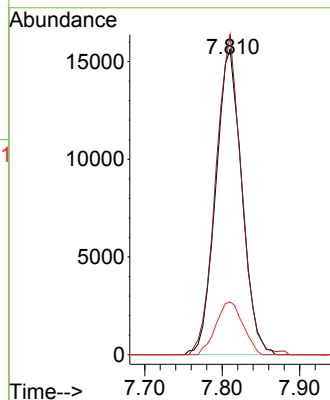
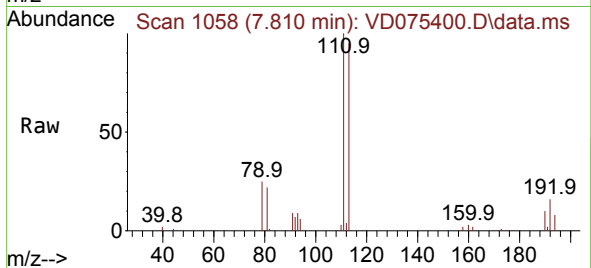
Tgt Ion:113 Resp: 36620

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 17.9 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.415 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

Lab File: VD075400.D

Acq: 22 Feb 2023 14:40

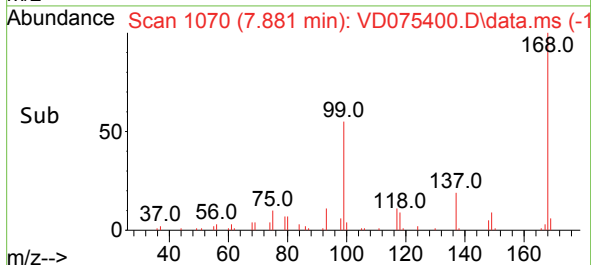
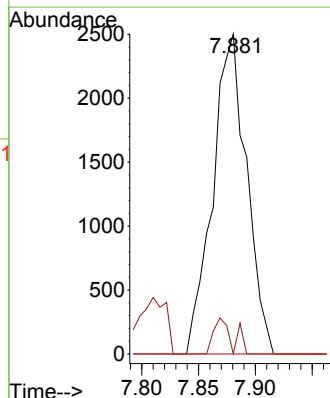
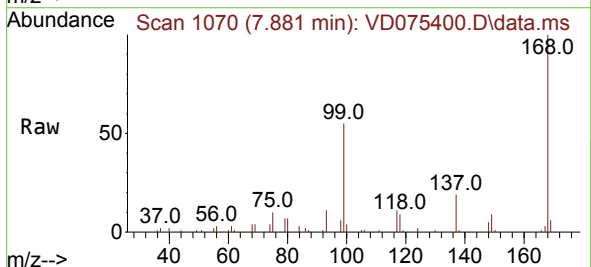
Tgt Ion: 75 Resp: 5186

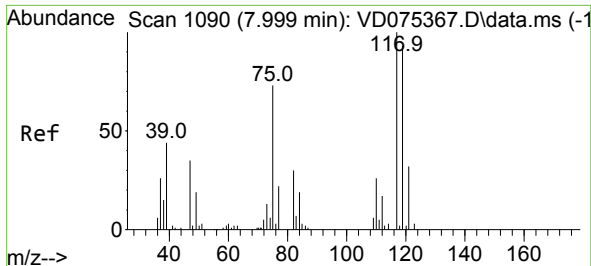
Ion Ratio Lower Upper

75 100

110 6.3 17.1 51.2#

77 0.0 24.6 36.8#

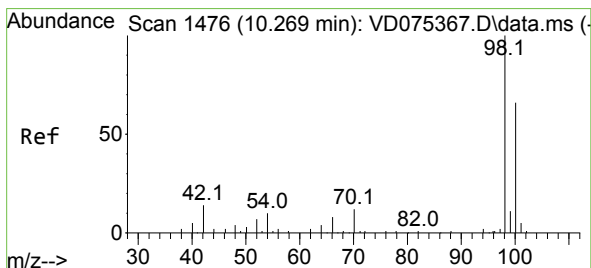
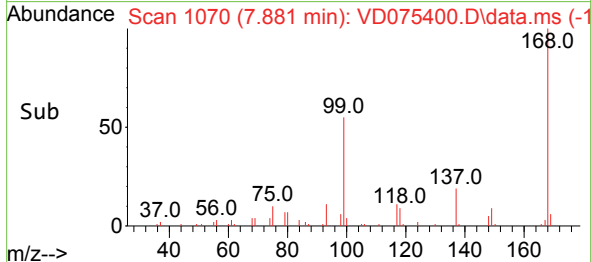
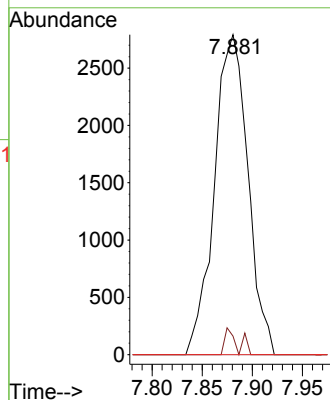
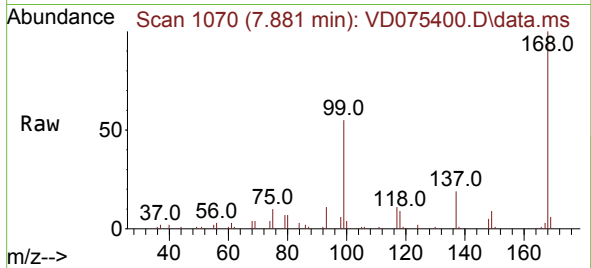




#38
Carbon Tetrachloride
Concen: 5.513 ug/l
RT: 7.881 min Scan# 1090
Delta R.T. -0.118 min
Lab File: VD075400.D
Acq: 22 Feb 2023 14:40

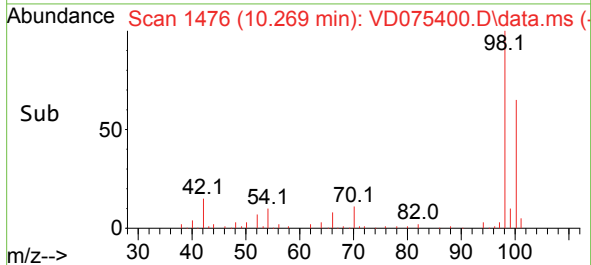
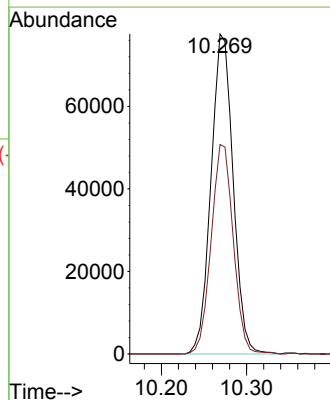
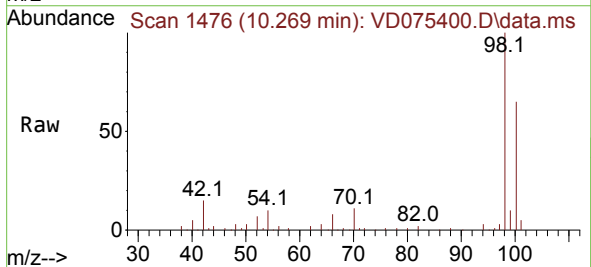
Instrument :
MSVOA_D
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B-26-SB03

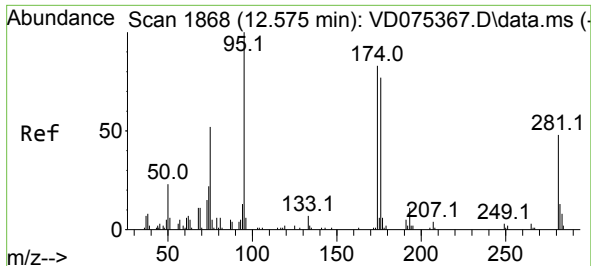
Tgt Ion:117 Resp: 6489
Ion Ratio Lower Upper
117 100
119 5.8 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 59.213 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075400.D
Acq: 22 Feb 2023 14:40

Tgt Ion: 98 Resp: 140052
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1

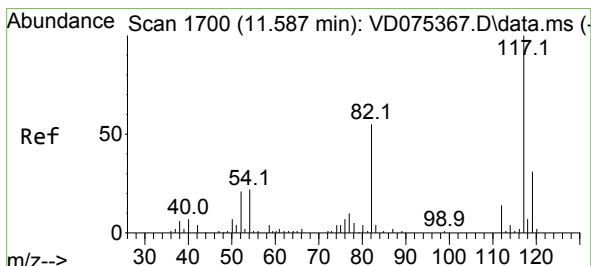
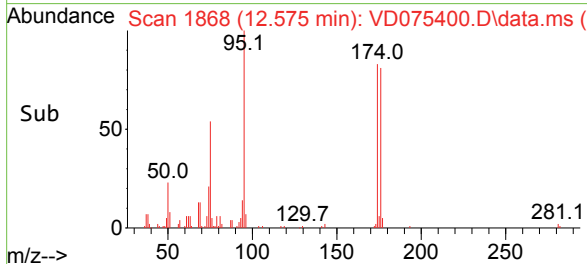
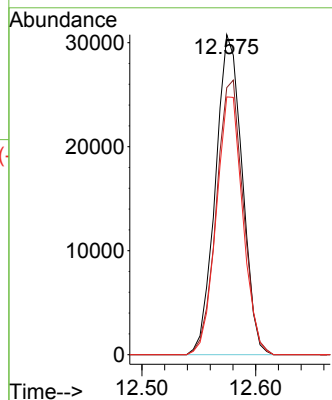
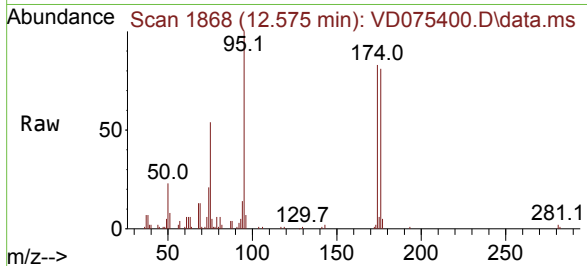




#62
4-Bromofluorobenzene
Concen: 63.342 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075400.D
Acq: 22 Feb 2023 14:40

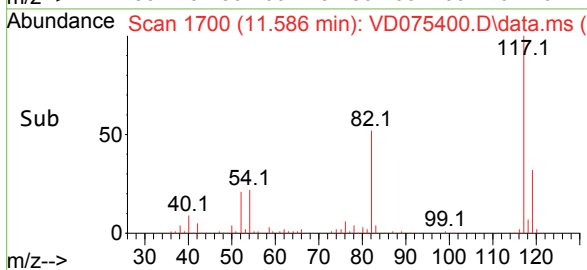
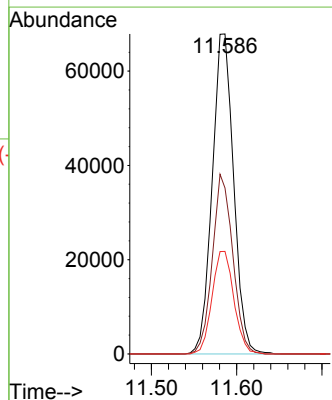
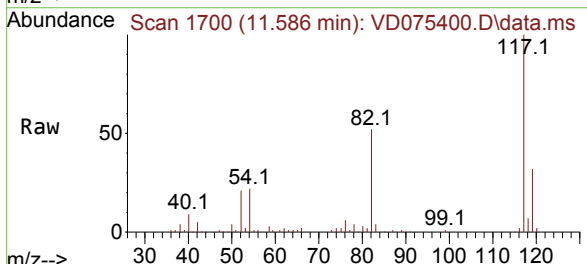
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MSVOA_D
ClientSampleId :
B-26-SB03

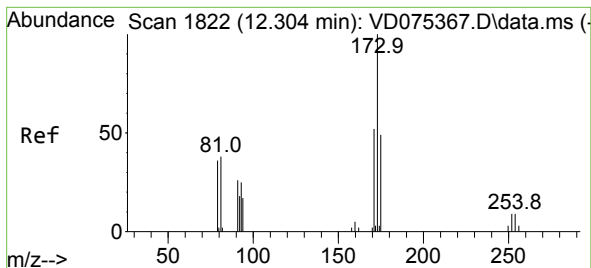
Tgt Ion: 95 Resp: 50307
Ion Ratio Lower Upper
95 100
174 86.0 0.0 164.0
176 80.4 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 1700
Delta R.T. -0.001 min
Lab File: VD075400.D
Acq: 22 Feb 2023 14:40

Tgt Ion: 117 Resp: 118375
Ion Ratio Lower Upper
117 100
82 51.9 44.0 66.0
119 32.0 25.1 37.7





#71

Bromoform

Concen: 1.350 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.271 min

Lab File: VD075400.D

Acq: 22 Feb 2023 14:40

Instrument :

MSVOA_D

ClientSampleId :

B-26-SB03

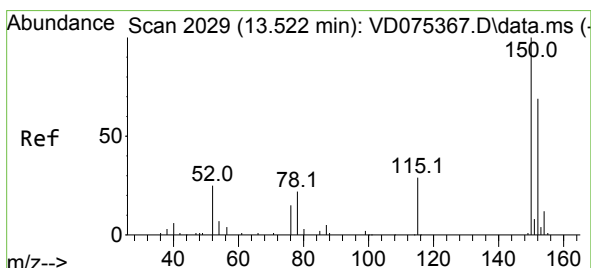
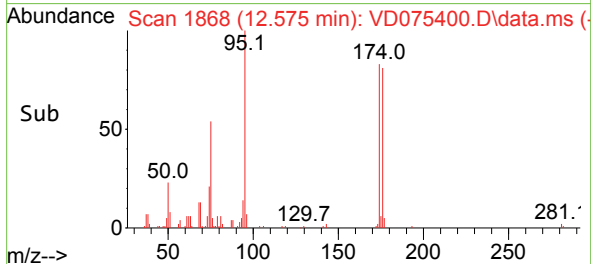
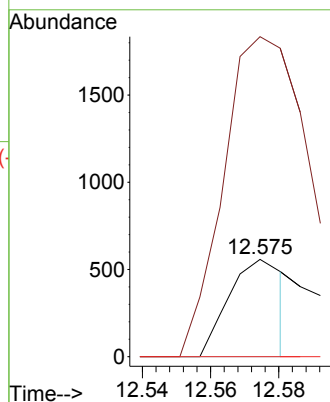
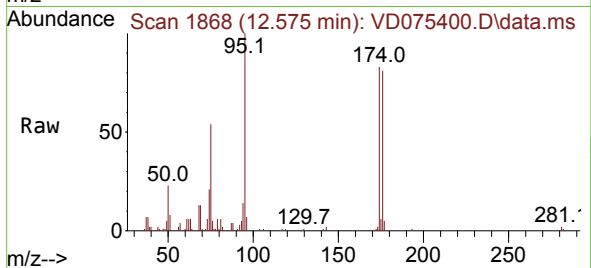
Tgt Ion:173 Resp: 622

Ion Ratio Lower Upper

173 100

175 370.1 23.5 70.5#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075400.D

Acq: 22 Feb 2023 14:40

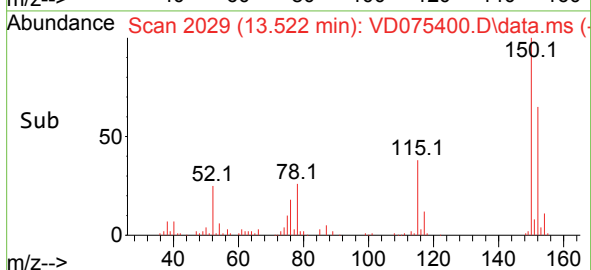
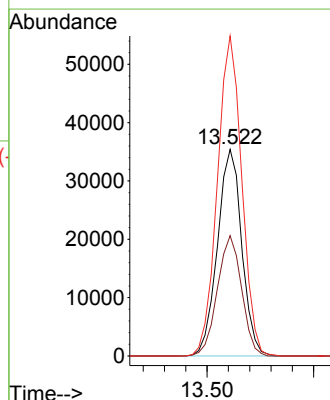
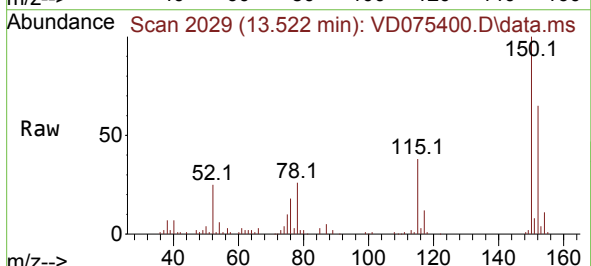
Tgt Ion:152 Resp: 56067

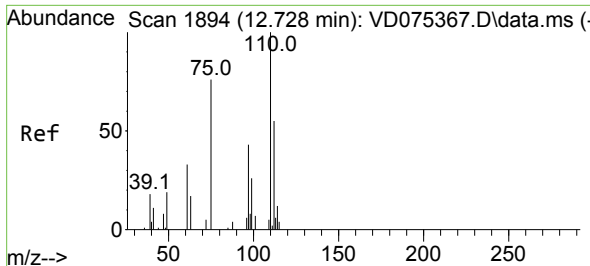
Ion Ratio Lower Upper

152 100

115 57.8 30.1 90.3

150 155.2 0.0 364.8

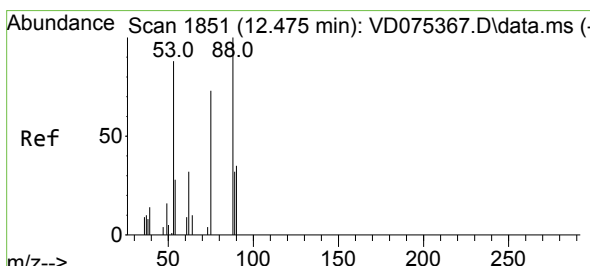
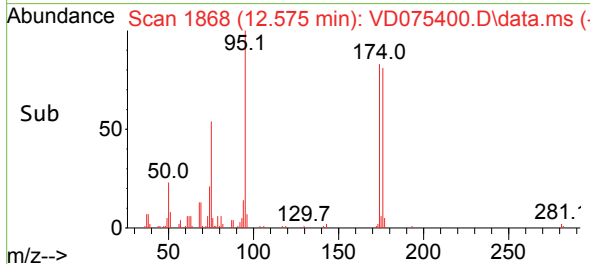
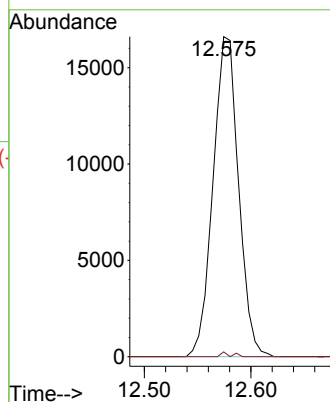
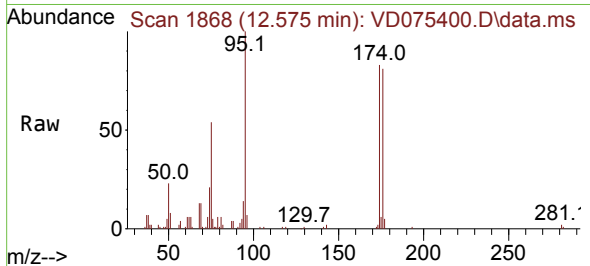




#76
1,2,3-Trichloropropane
Concen: 64.902 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075400.D
Acq: 22 Feb 2023 14:40

Instrument :
MSVOA_D
ClientSampleId :
B-26-SB03

Tgt Ion: 75 Resp: 27586
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 147.978 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075400.D
Acq: 22 Feb 2023 14:40

Tgt Ion: 75 Resp: 27586
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

