

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103122\
 Data File : VD074689.D
 Acq On : 31 Oct 2022 15:41
 Operator : VA/SY
 Sample : N5303-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NWB-1839

Quant Time: Nov 01 01:33:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

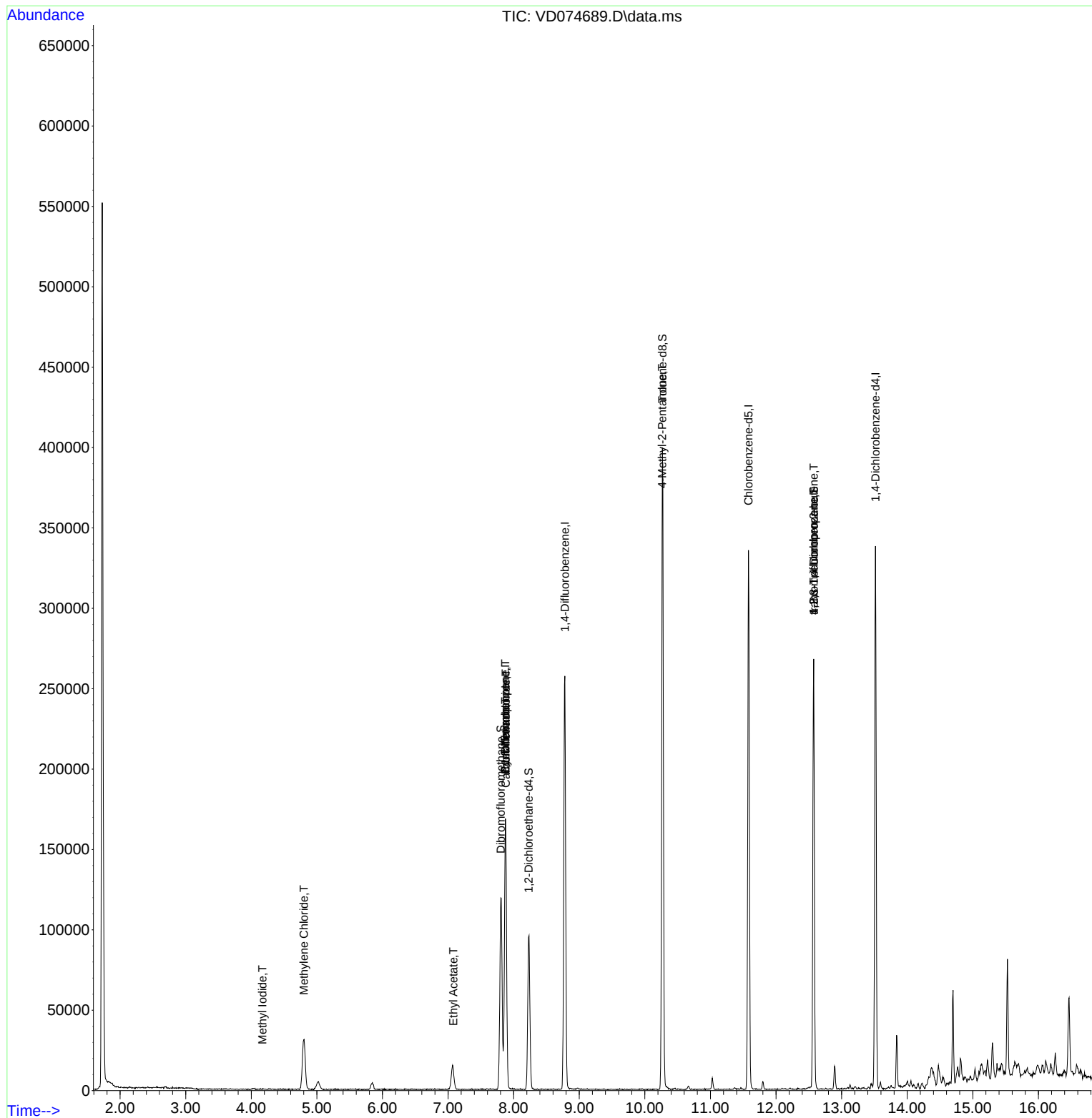
Internal Standards						
1) Pentafluorobenzene	7.875	168	137290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	249272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	208103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	94573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	76636	66.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.280%
35) Dibromofluoromethane	7.804	113	90442	59.419	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.840%
50) Toluene-d8	10.269	98	289760	49.501	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.000%
62) 4-Bromofluorobenzene	12.575	95	84395	52.497	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.000%
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	601	Below Cal	#	83
5) Bromomethane	2.699	94	847	Below Cal		82
10) Methyl Iodide	4.169	142	322	5.611	ug/l #	43
11) Tert butyl alcohol	5.010	59	2418	Below Cal	#	84
16) Acetone	4.028	43	966	Below Cal	#	37
20) Methylene Chloride	4.805	84	27760	3.473	ug/l	90
25) 2-Butanone	7.081	43	752	Below Cal	#	42
31) Cyclohexane	7.875	56	2405	1.132	ug/l #	35
36) 1,1-Dichloropropene	7.875	75	9570	4.413	ug/l #	46
37) Ethyl Acetate	7.081	43	752	1.085	ug/l #	1
38) Carbon Tetrachloride	7.881	117	12828	6.365	ug/l #	21
51) 4-Methyl-2-Pentanone	10.263	43	939	1.456	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	41947	56.711	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	41947	150.090	ug/l #	17

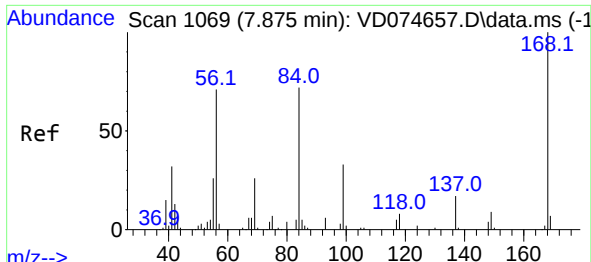
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103122\
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Operator : VA/SY
Sample : N5303-01
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ClientSampleId :
NWB-1839

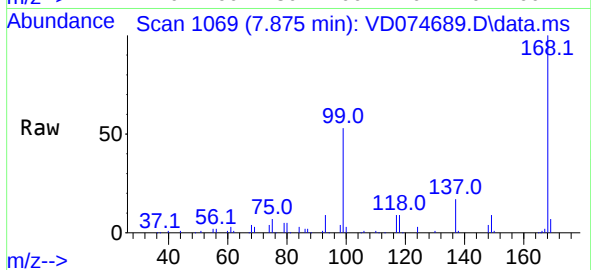
Quant Time: Nov 01 01:33:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 28 00:18:17 2022
Response via : Initial Calibration



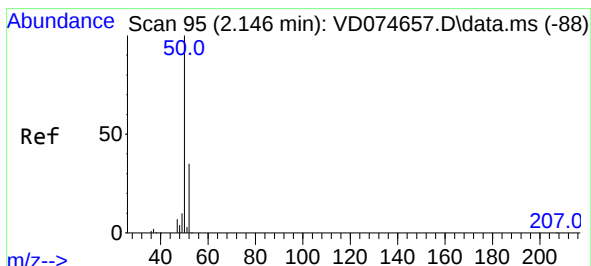
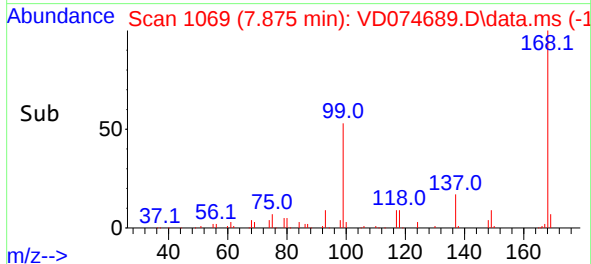
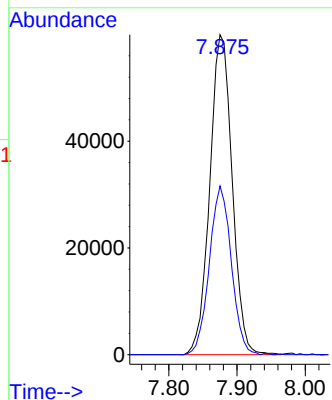


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074689.D
Acq: 31 Oct 2022 15:41

Instrument :
MSVOA_D
ClientSampleId :
NWB-1839

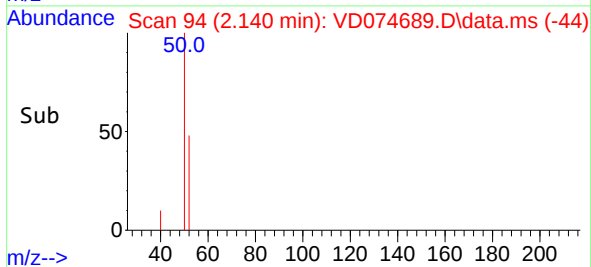
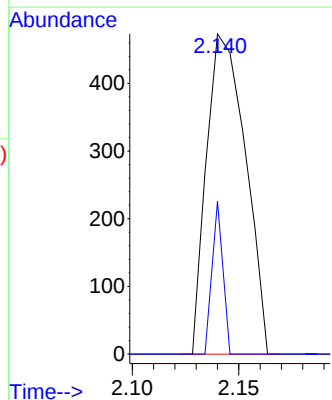
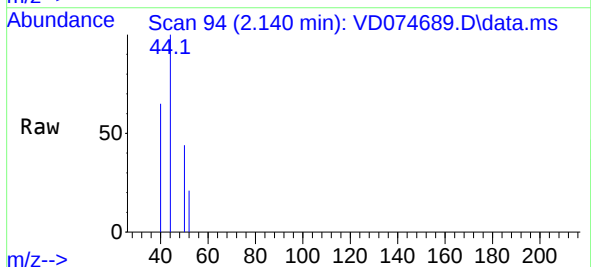


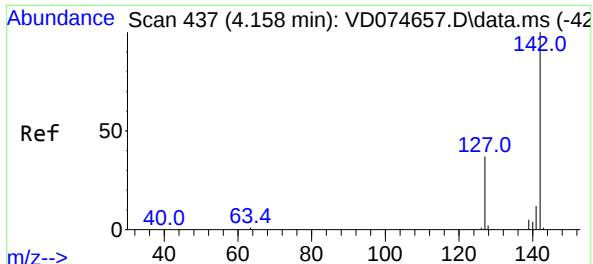
Tgt Ion:168 Resp: 137290
Ion Ratio Lower Upper
168 100
99 52.7 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD074689.D
Acq: 31 Oct 2022 15:41

Tgt Ion: 50 Resp: 601
Ion Ratio Lower Upper
50 100
52 47.8 30.0 45.0#

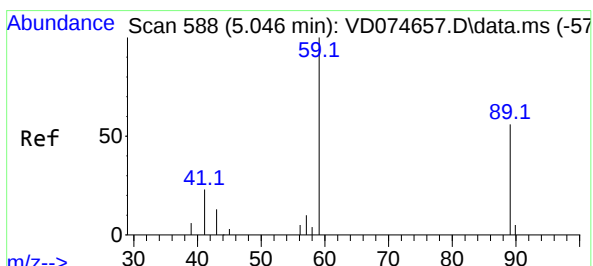
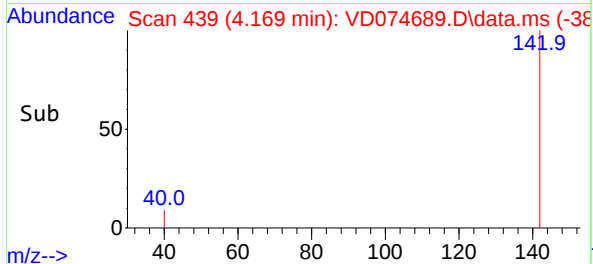
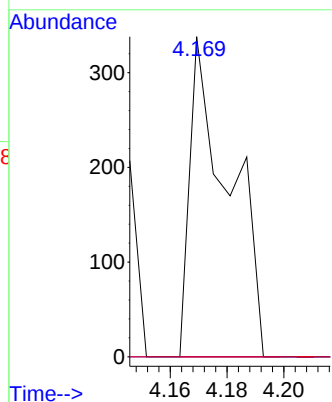
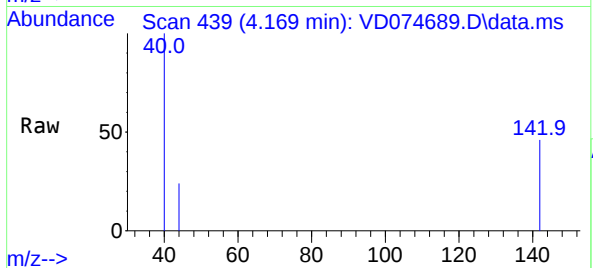




#10
Methyl Iodide
Concen: 5.611 ug/l
RT: 4.169 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD074689.D
Acq: 31 Oct 2022 15:41

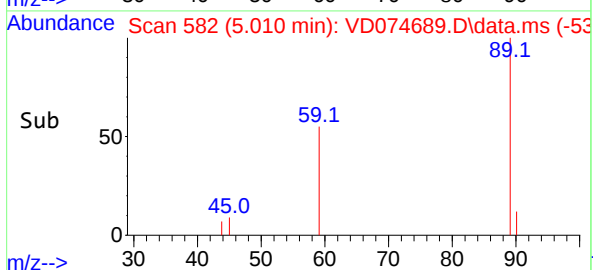
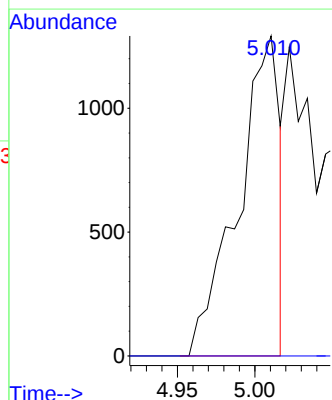
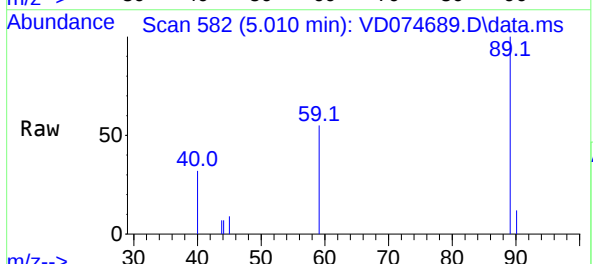
Instrument :
MSVOA_D
ClientSampleId :
NWB-1839

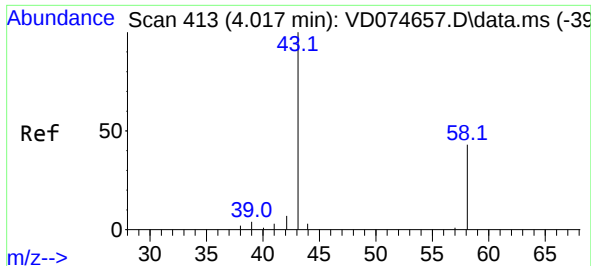
Tgt Ion:142 Resp: 322
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.010 min Scan# 582
Delta R.T. -0.036 min
Lab File: VD074689.D
Acq: 31 Oct 2022 15:41

Tgt Ion: 59 Resp: 2418
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#

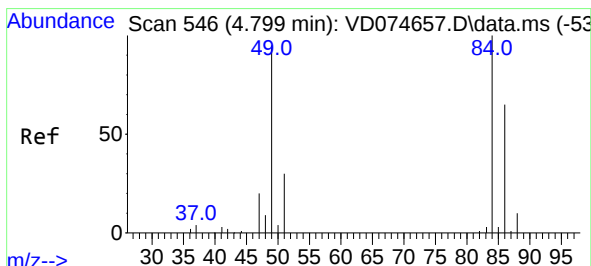
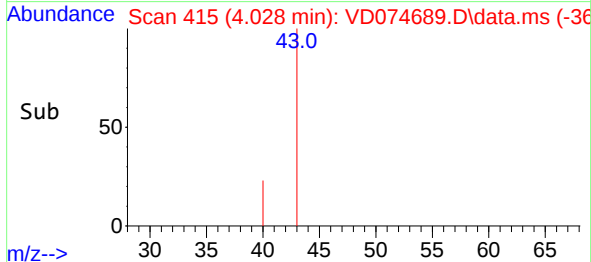
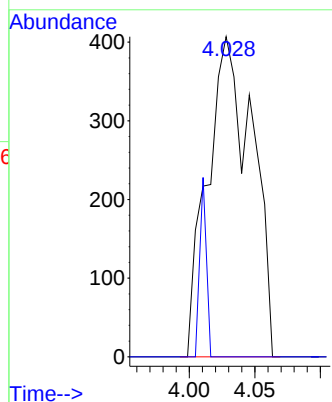
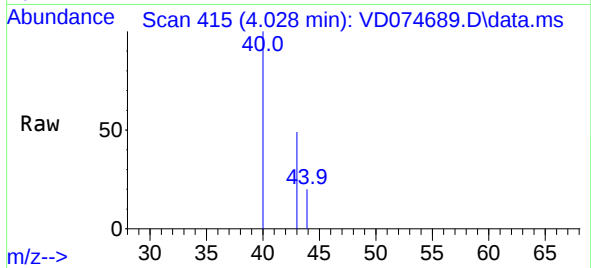




#16
Acetone
Concen: Below Cal
RT: 4.028 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD074689.D
Acq: 31 Oct 2022 15:41

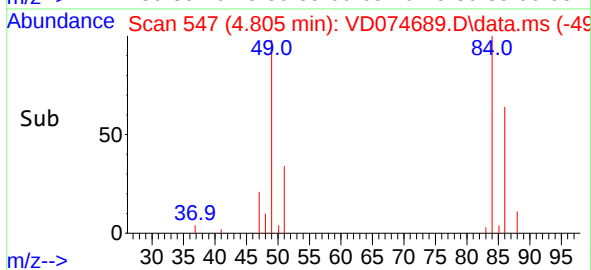
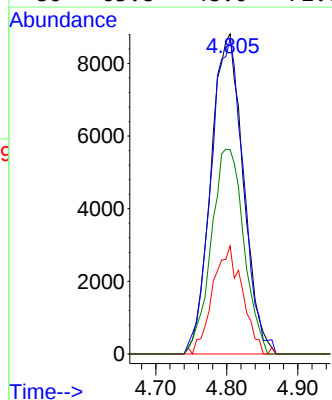
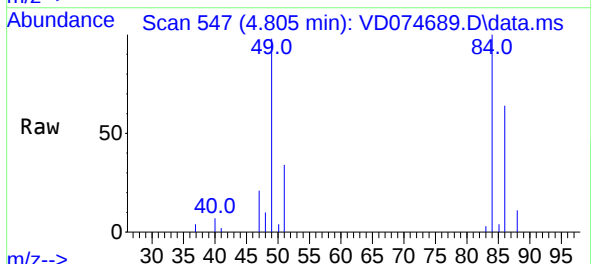
Instrument :
MSVOA_D
ClientSampleId :
NWB-1839

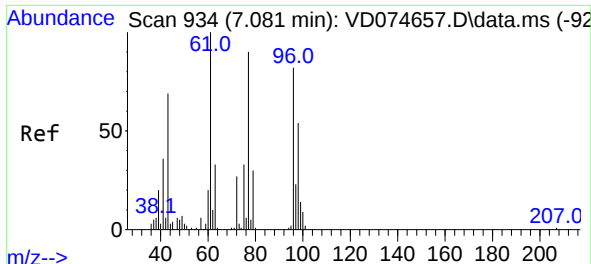
Tgt Ion: 43 Resp: 966
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#20
Methylene Chloride
Concen: 3.473 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074689.D
Acq: 31 Oct 2022 15:41

Tgt Ion: 84 Resp: 27760
Ion Ratio Lower Upper
84 100
49 98.3 68.0 102.0
51 33.8 23.2 34.8
86 63.8 48.0 72.0





#25

2-Butanone

Concen: Below Cal

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD074689.D

Acq: 31 Oct 2022 15:41

Instrument :

MSVOA_D

ClientSampleId :

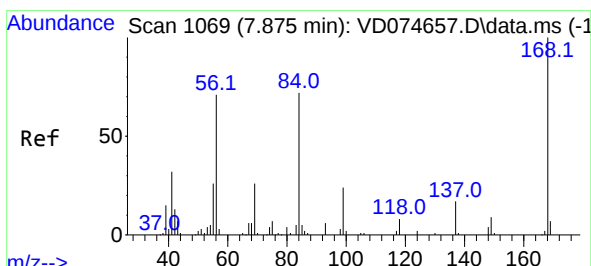
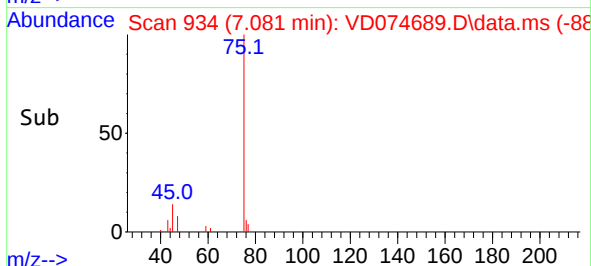
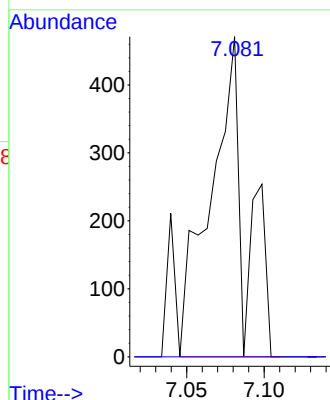
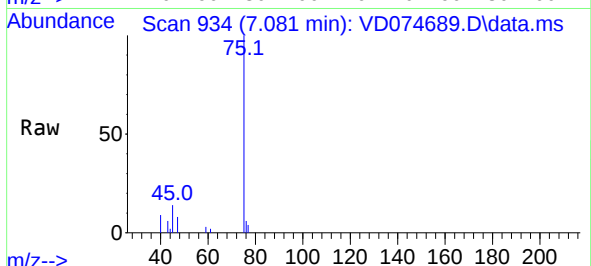
NWB-1839

Tgt Ion: 43 Resp: 752

Ion Ratio Lower Upper

43 100

72 0.0 25.8 38.8#



#31

Cyclohexane

Concen: 1.132 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD074689.D

Acq: 31 Oct 2022 15:41

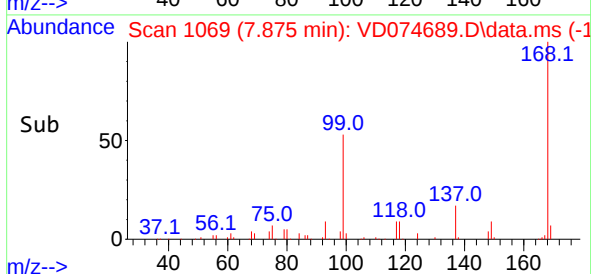
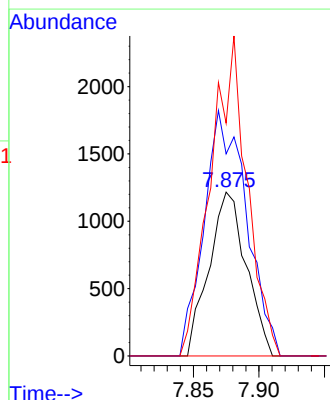
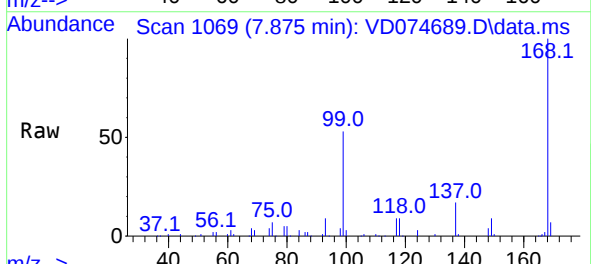
Tgt Ion: 56 Resp: 2405

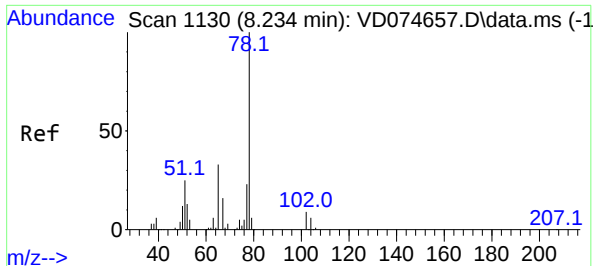
Ion Ratio Lower Upper

56 100

69 123.3 29.2 43.8#

84 142.1 83.4 125.2#





#33

1,2-Dichloroethane-d4

Concen: 66.137 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074689.D

Acq: 31 Oct 2022 15:41

Instrument :

MSVOA_D

ClientSampleId :

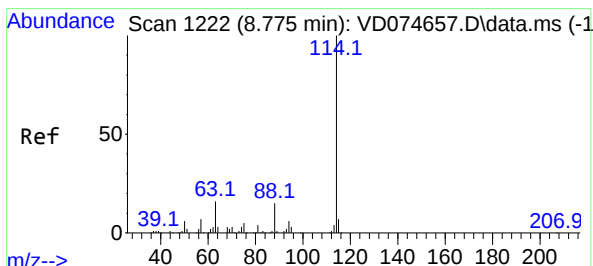
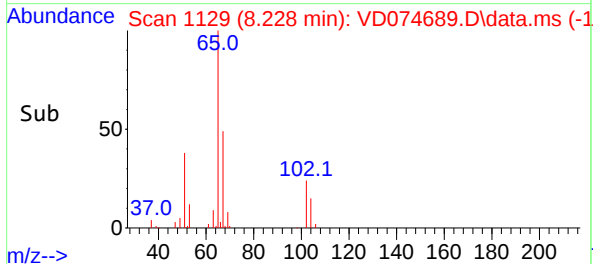
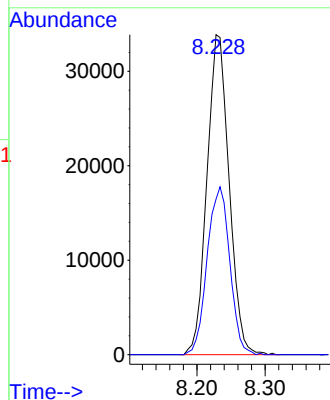
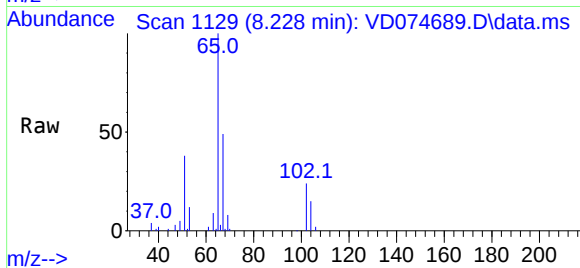
NWB-1839

Tgt Ion: 65 Resp: 76636

Ion Ratio Lower Upper

65 100

67 53.4 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074689.D

Acq: 31 Oct 2022 15:41

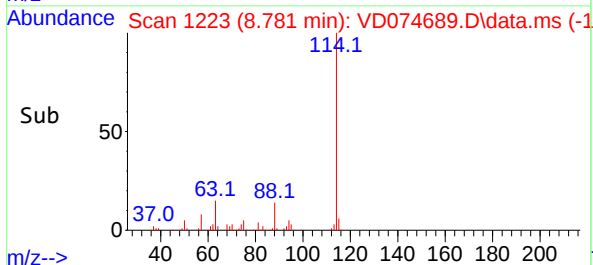
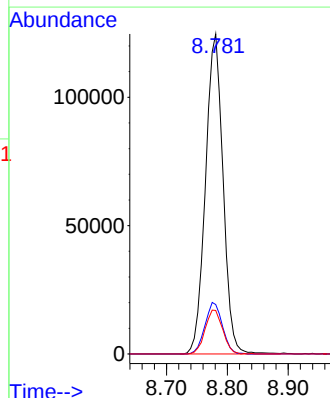
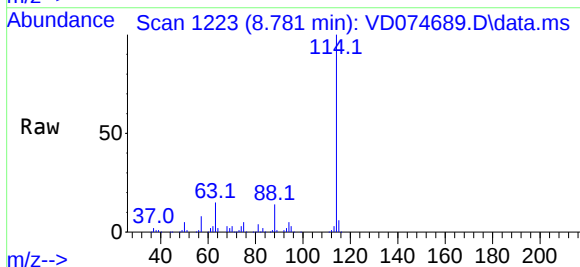
Tgt Ion: 114 Resp: 249272

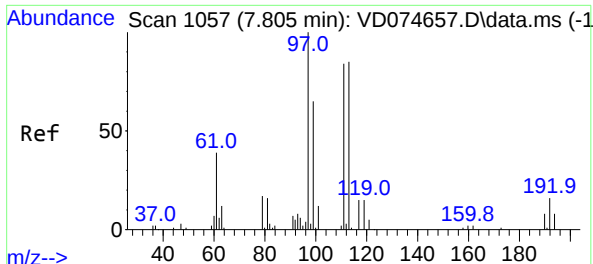
Ion Ratio Lower Upper

114 100

63 15.4 0.0 33.2

88 13.6 0.0 28.2

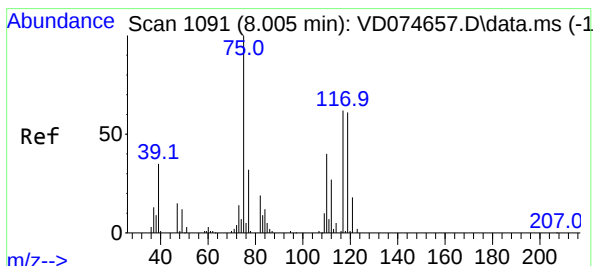
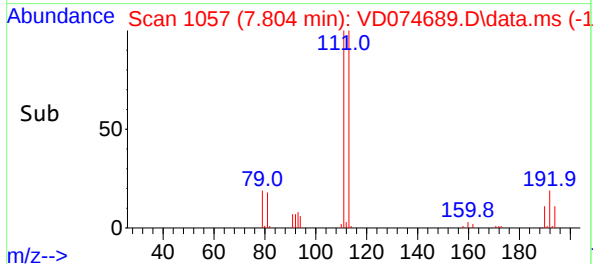
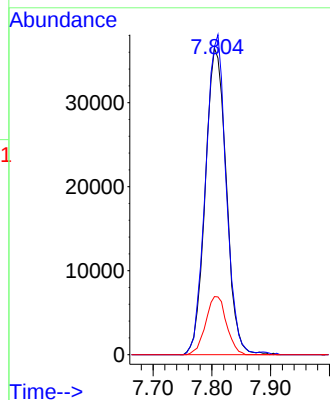
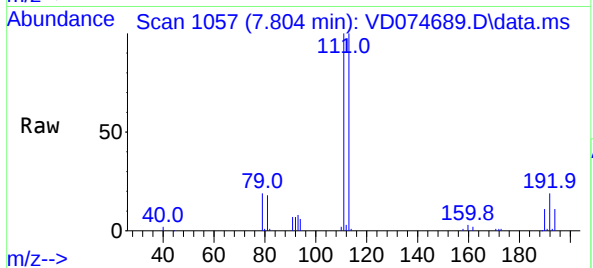




#35
Dibromofluoromethane
Concen: 59.419 ug/l
RT: 7.804 min Scan# 1069
Delta R.T. -0.001 min
Lab File: VD074689.D
Acq: 31 Oct 2022 15:41

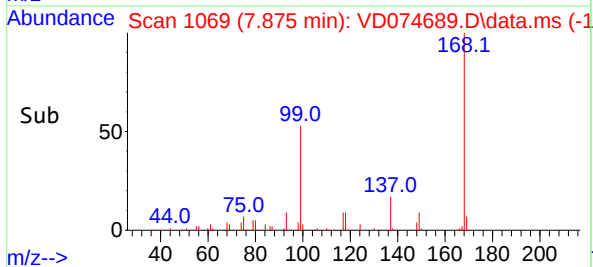
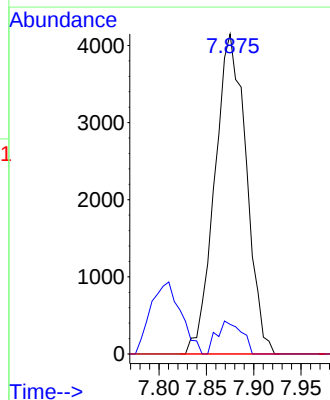
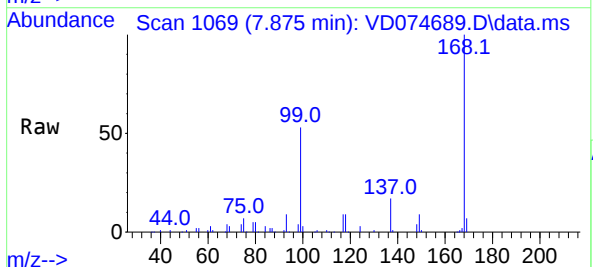
Instrument : MSVOA_D
ClientSampleId : NWB-1839

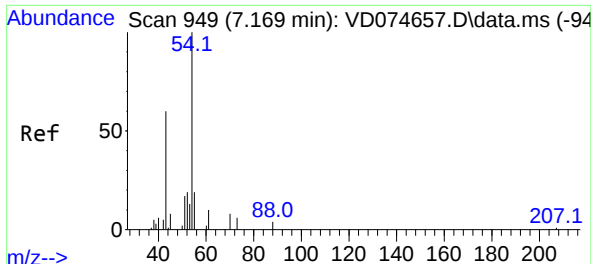
Tgt Ion:113 Resp: 90442
Ion Ratio Lower Upper
113 100
111 102.3 82.3 123.5
192 18.8 16.4 24.6



#36
1,1-Dichloropropene
Concen: 4.413 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD074689.D
Acq: 31 Oct 2022 15:41

Tgt Ion: 75 Resp: 9570
Ion Ratio Lower Upper
75 100
110 8.1 19.7 59.0#
77 0.0 25.4 38.2#





#37

Ethyl Acetate

Concen: 1.085 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.088 min

Lab File: VD074689.D

Acq: 31 Oct 2022 15:41

Instrument :

MSVOA_D

ClientSampleId :

NWB-1839

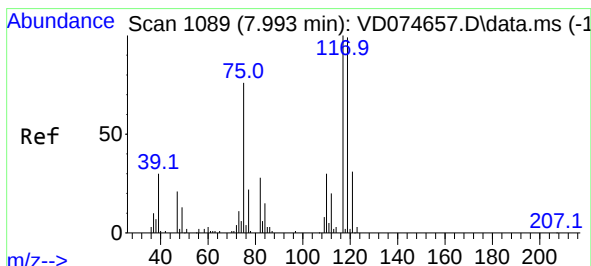
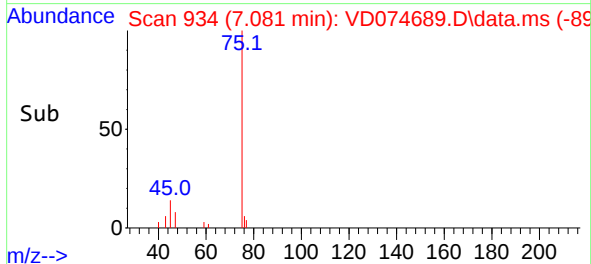
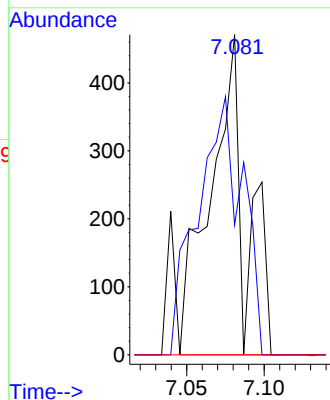
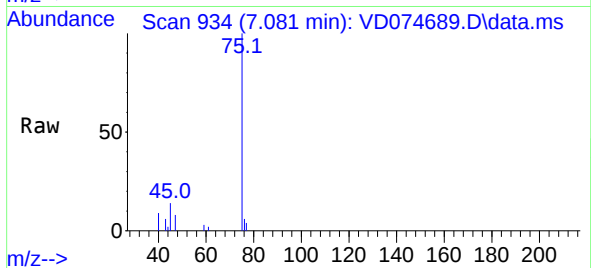
Tgt Ion: 43 Resp: 752

Ion Ratio Lower Upper

43 100

61 101.9 12.2 18.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 6.365 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD074689.D

Acq: 31 Oct 2022 15:41

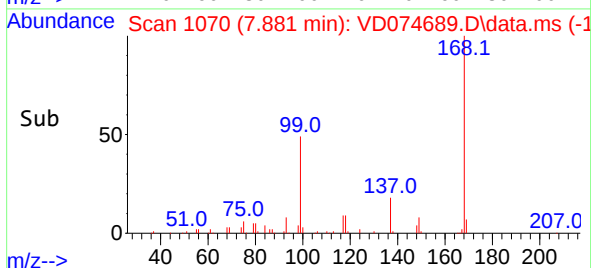
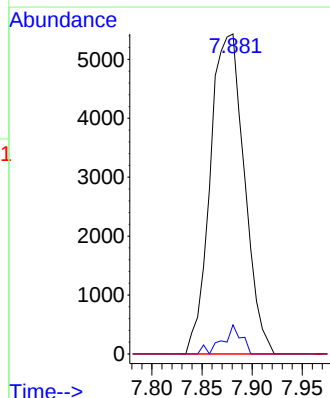
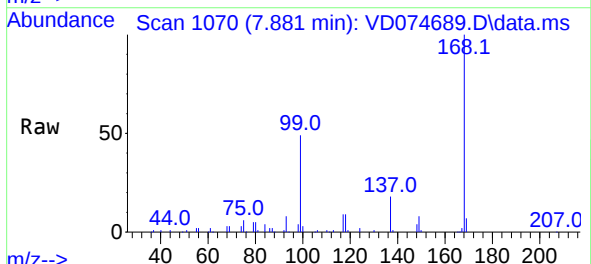
Tgt Ion: 117 Resp: 12828

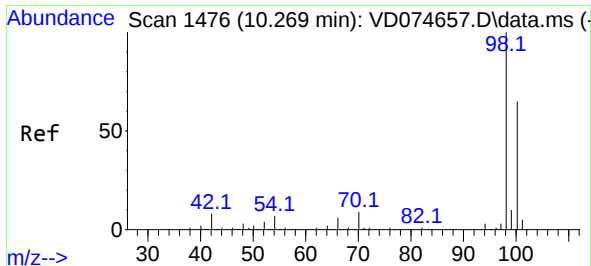
Ion Ratio Lower Upper

117 100

119 9.1 73.1 109.7#

121 0.0 25.0 37.6#

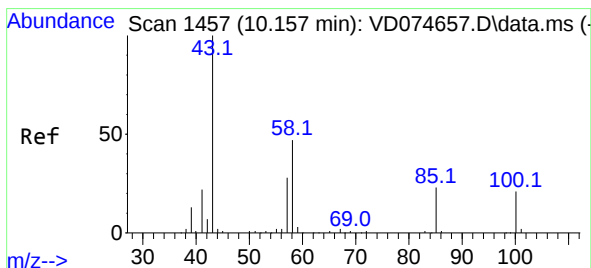
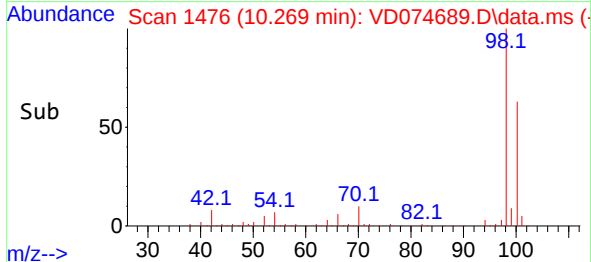
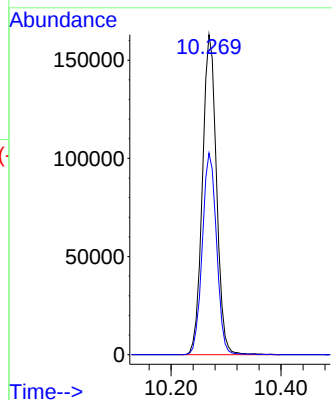
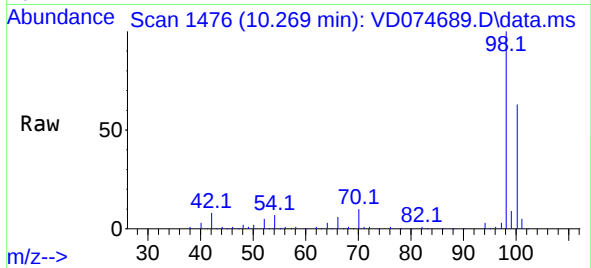




#50
Toluene-d8
Concen: 49.501 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074689.D
Acq: 31 Oct 2022 15:41

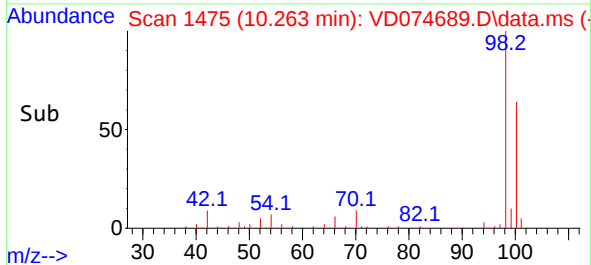
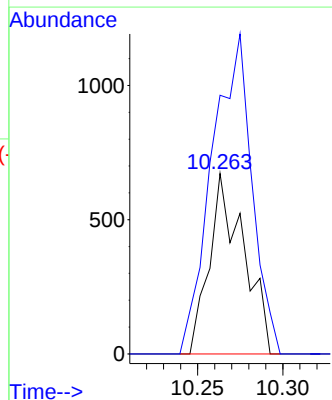
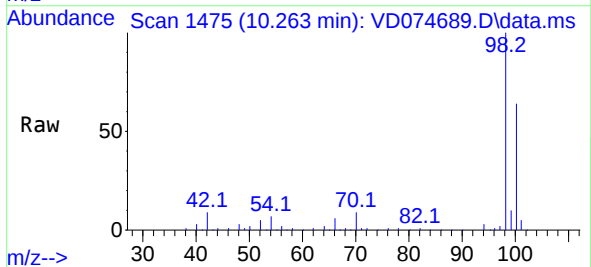
Instrument :
MSVOA_D
ClientSampleId :
NWB-1839

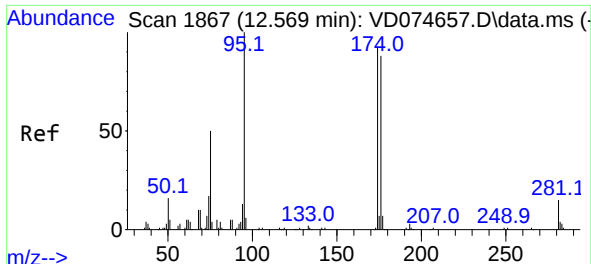
Tgt Ion: 98 Resp: 289760
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.456 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD074689.D
Acq: 31 Oct 2022 15:41

Tgt Ion: 43 Resp: 939
Ion Ratio Lower Upper
43 100
58 206.6 37.8 56.6#

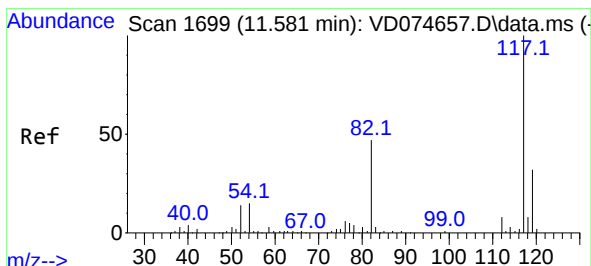
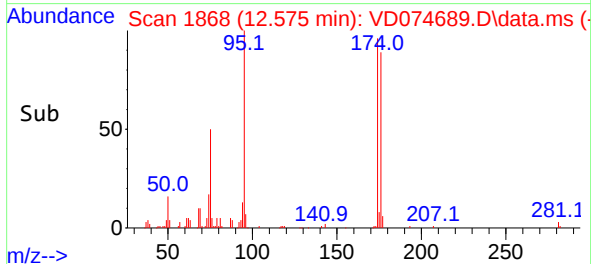
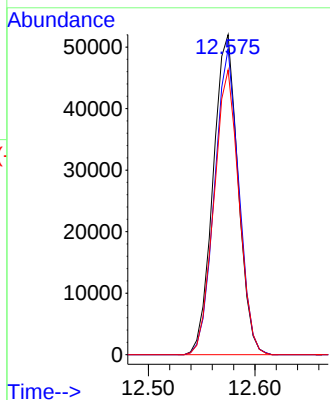
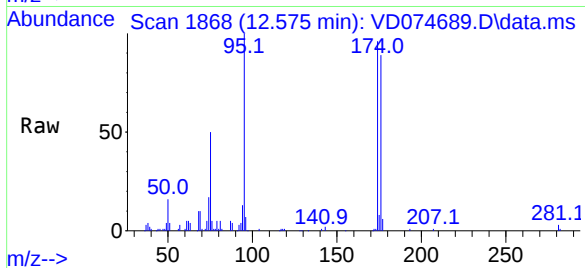




#62
4-Bromofluorobenzene
Concen: 52.497 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074689.D
Acq: 31 Oct 2022 15:41

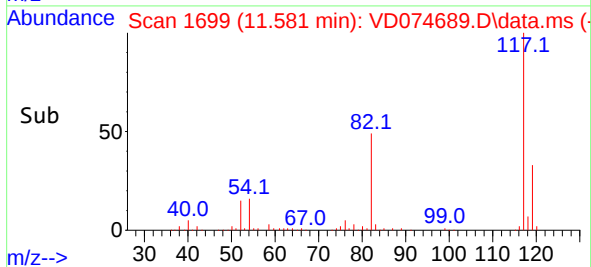
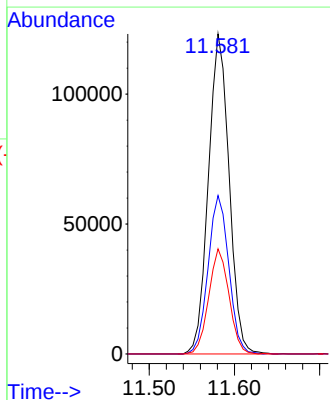
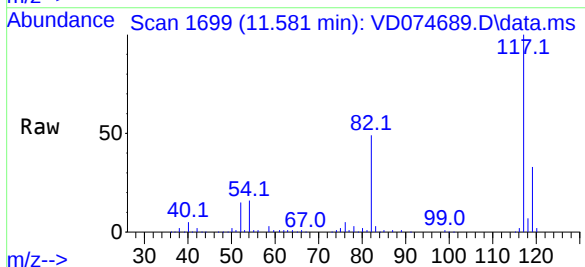
Instrument :
MSVOA_D
ClientSampleId :
NWB-1839

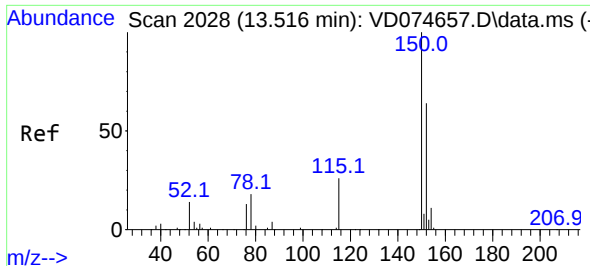
Tgt Ion:	95	Resp:	84395
Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	197.0
176	88.9	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074689.D
Acq: 31 Oct 2022 15:41

Tgt Ion:	117	Resp:	208103
Ion	Ratio	Lower	Upper
117	100		
82	49.5	41.6	62.4
119	32.9	25.2	37.8

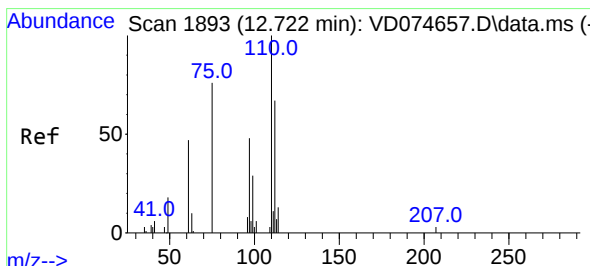
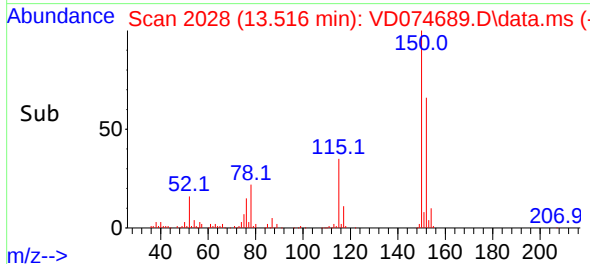
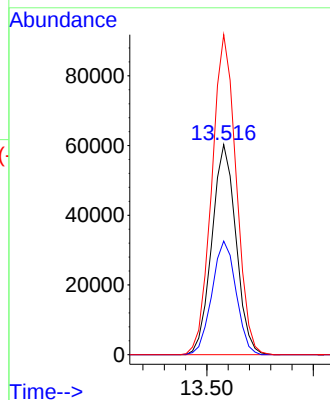
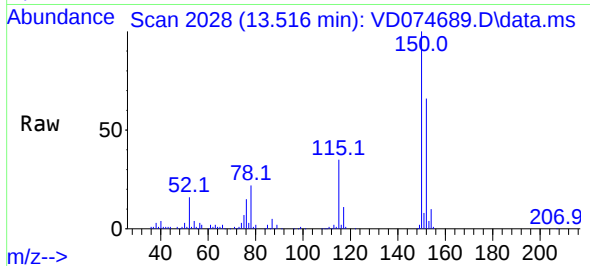




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD074689.D
Acq: 31 Oct 2022 15:41

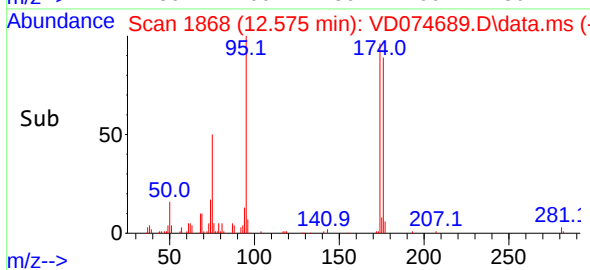
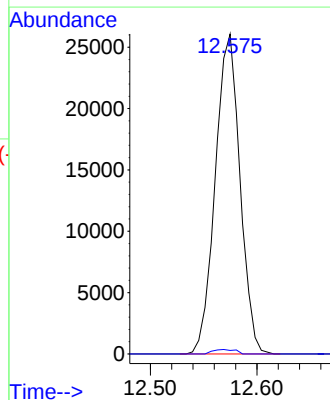
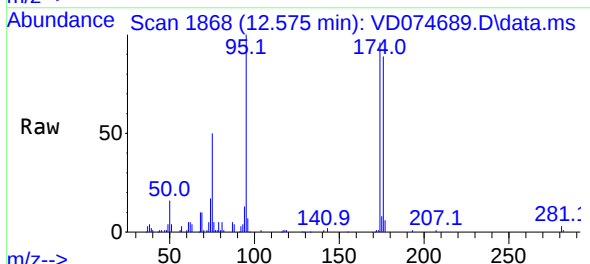
Instrument :
MSVOA_D
ClientSampleId :
NWB-1839

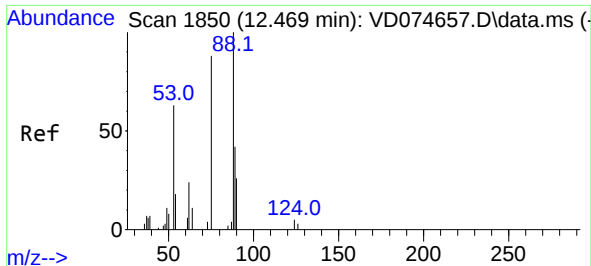
Tgt Ion:152 Resp: 94573
Ion Ratio Lower Upper
152 100
115 54.1 26.8 80.4
150 153.9 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 56.711 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074689.D
Acq: 31 Oct 2022 15:41

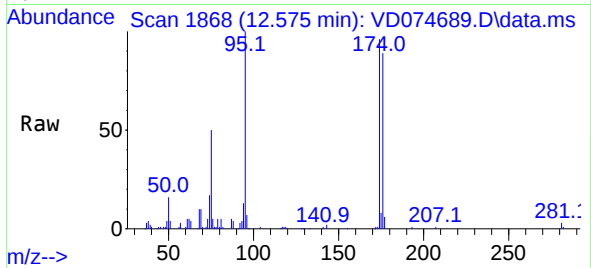
Tgt Ion: 75 Resp: 41947
Ion Ratio Lower Upper
75 100
77 1.3 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 150.090 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074689.D
 Acq: 31 Oct 2022 15:41

Instrument :
 MSVOA_D
 ClientSampleId :
 NWB-1839



Tgt Ion:	75	Resp:	41947
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

