

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
 Data File : VD078583.D
 Acq On : 04 Mar 2024 11:56
 Operator : RP/MD
 Sample : VD0304SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0304SBL01

Quant Time: Mar 05 04:12:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

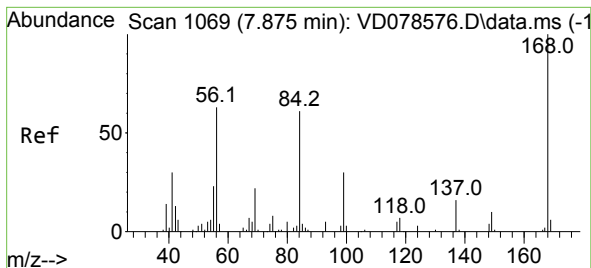
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	125462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	227277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72321	58.150	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.300%
35) Dibromofluoromethane	7.805	113	77173	52.200	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.400%
50) Toluene-d8	10.269	98	285471	49.691	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.380%
62) 4-Bromofluorobenzene	12.569	95	76404	46.564	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.120%
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	425	Below Cal	#	40
11) Tert butyl alcohol	5.022	59	117	Below Cal	#	73
16) Acetone	4.040	43	306	1.284	ug/l #	32
20) Methylene Chloride	4.799	84	8501	Below Cal	#	88
31) Cyclohexane	7.881	56	2689	1.381	ug/l #	58
36) 1,1-Dichloropropene	7.875	75	9665	4.724	ug/l #	46
38) Carbon Tetrachloride	7.875	117	12227	5.714	ug/l #	16
51) 4-Methyl-2-Pentanone	10.269	43	926	1.412	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	40755	58.686	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	40755	125.613	ug/l #	17

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

Quant Time: Mar 05 04:12:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

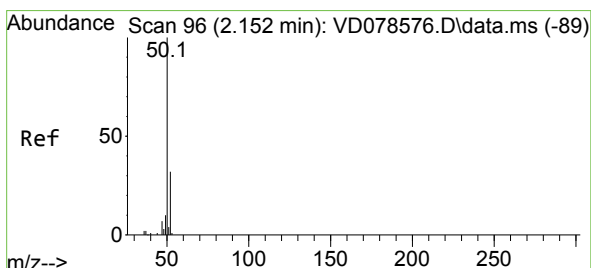
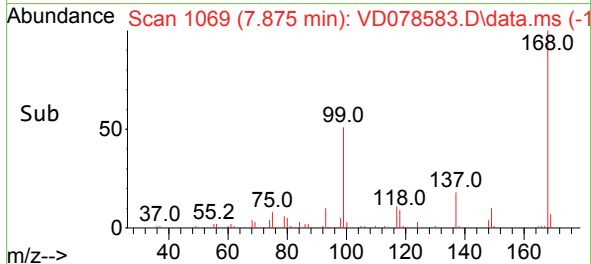
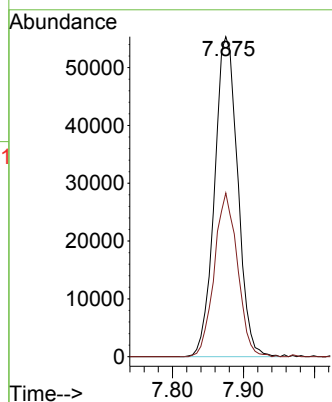
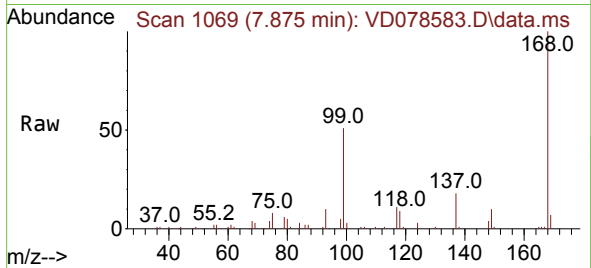




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078583.D
Acq: 04 Mar 2024 11:56

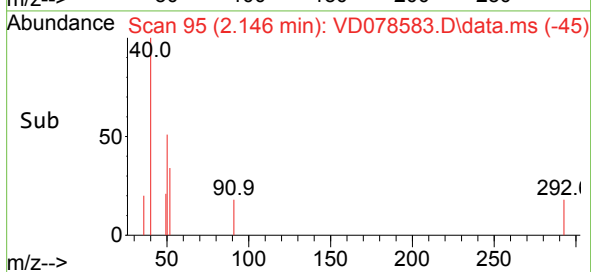
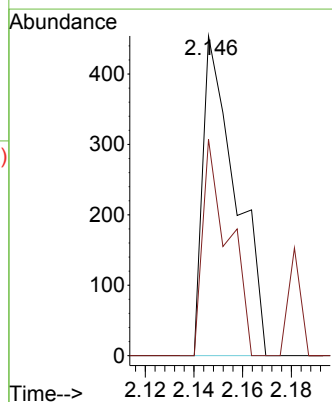
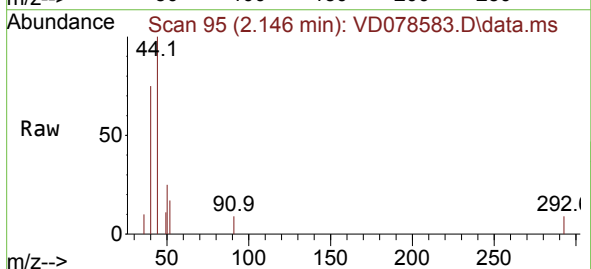
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBL01

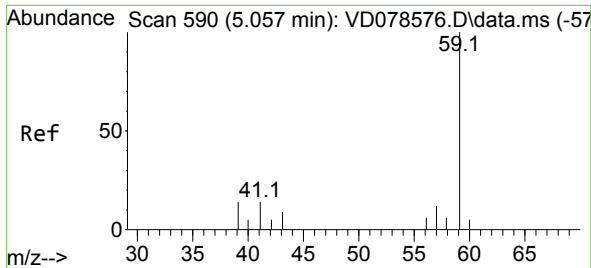
Tgt Ion:168 Resp: 125462
Ion Ratio Lower Upper
168 100
99 51.2 36.7 55.1



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD078583.D
Acq: 04 Mar 2024 11:56

Tgt Ion: 50 Resp: 425
Ion Ratio Lower Upper
50 100
52 67.6 26.6 40.0#

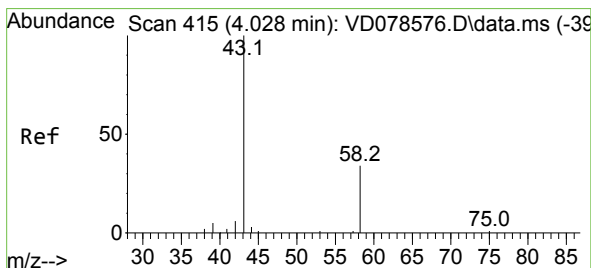
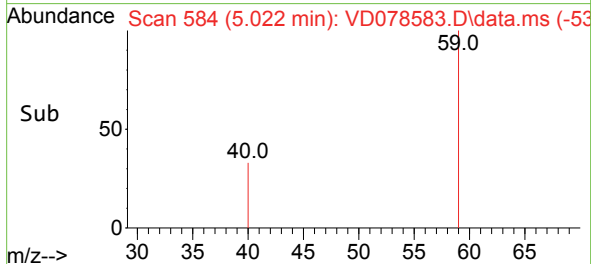
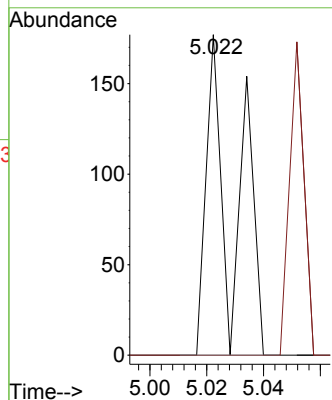
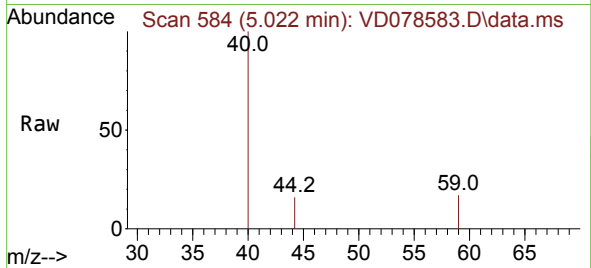




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.022 min Scan# 51
Delta R.T. -0.035 min
Lab File: VD078583.D
Acq: 04 Mar 2024 11:56

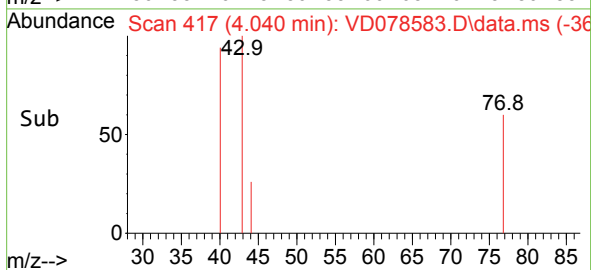
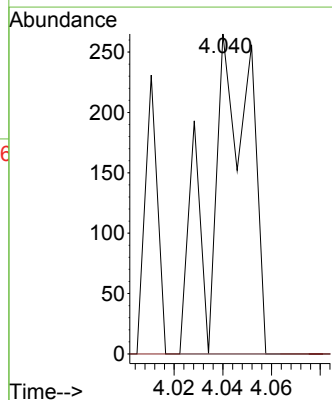
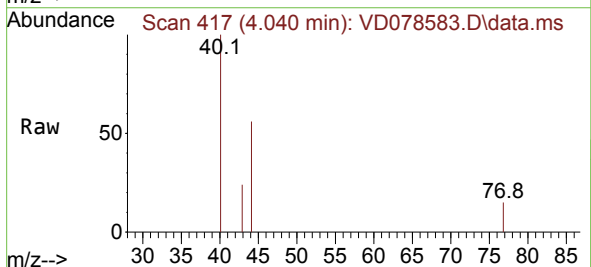
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBL01

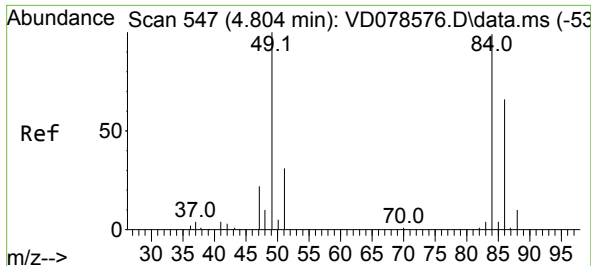
Tgt Ion: 59 Resp: 117
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 1.284 ug/l
RT: 4.040 min Scan# 417
Delta R.T. 0.012 min
Lab File: VD078583.D
Acq: 04 Mar 2024 11:56

Tgt Ion: 43 Resp: 306
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



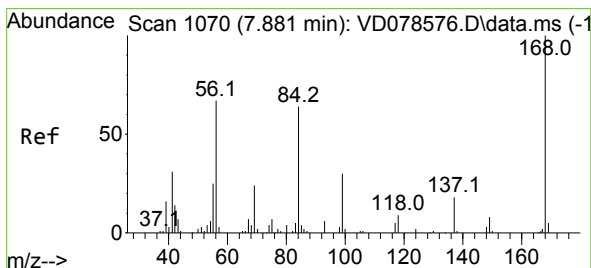
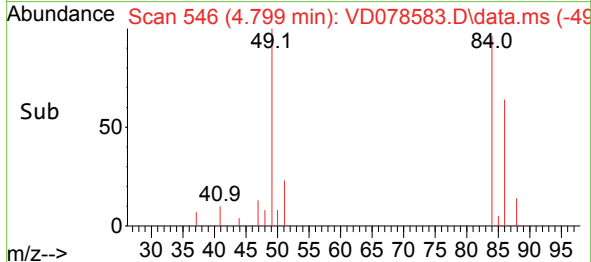
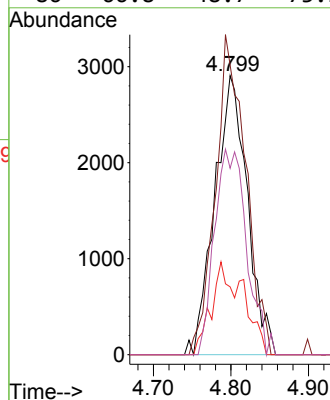
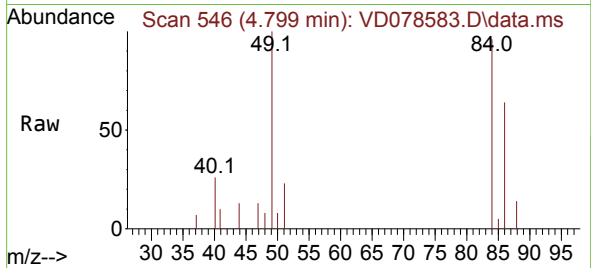


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.005 min
Lab File: VD078583.D
Acq: 04 Mar 2024 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBL01

Tgt Ion: 84 Resp: 8501

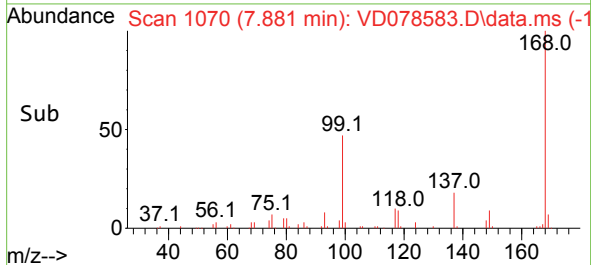
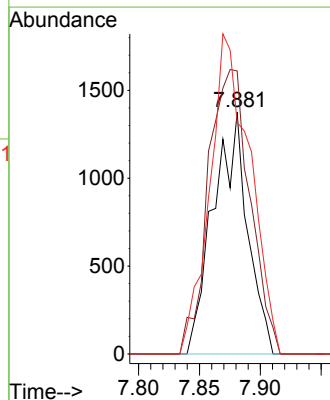
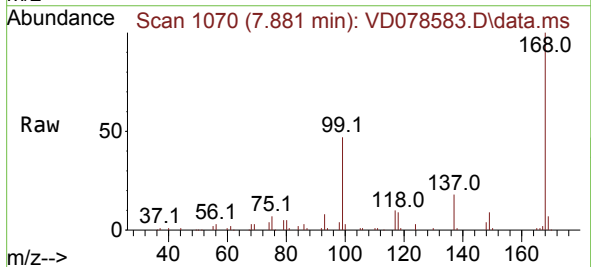
Ion	Ratio	Lower	Upper
84	100		
49	103.8	71.4	107.2
51	24.3	24.5	36.7#
86	66.8	48.7	73.1

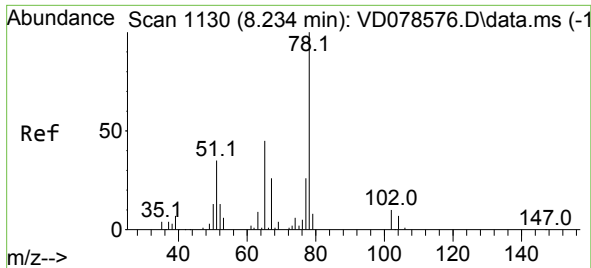


#31
Cyclohexane
Concen: 1.381 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078583.D
Acq: 04 Mar 2024 11:56

Tgt Ion: 56 Resp: 2689

Ion	Ratio	Lower	Upper
56	100		
69	117.1	28.6	43.0#
84	95.7	84.8	127.2





#33

1,2-Dichloroethane-d4

Concen: 58.150 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078583.D

Acq: 04 Mar 2024 11:56

Instrument :

MSVOA_D

ClientSampleId :

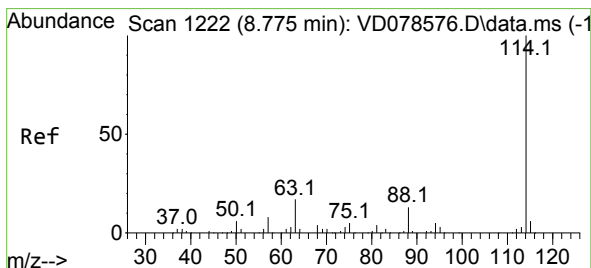
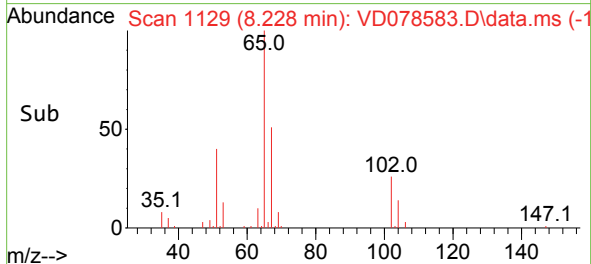
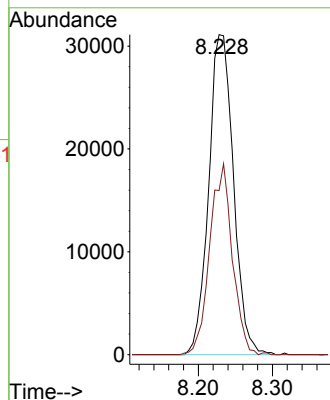
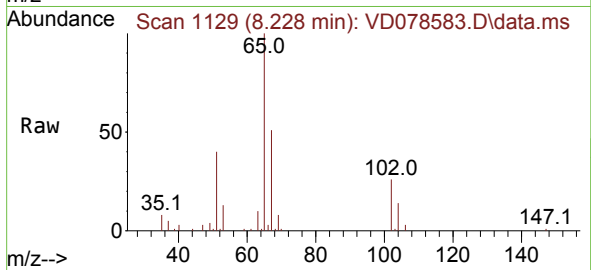
VD0304SBL01

Tgt Ion: 65 Resp: 72321

Ion Ratio Lower Upper

65 100

67 54.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078583.D

Acq: 04 Mar 2024 11:56

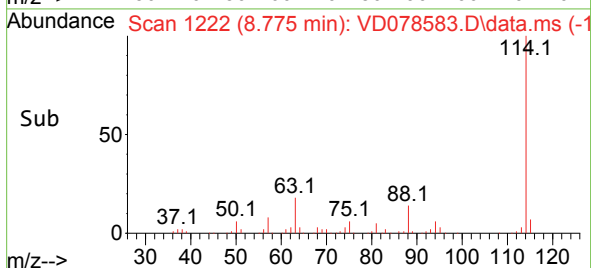
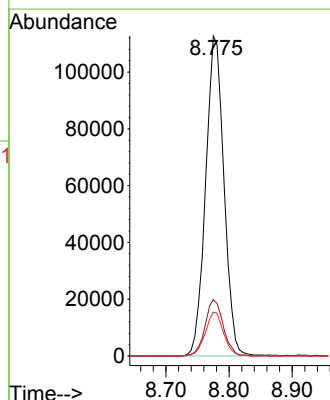
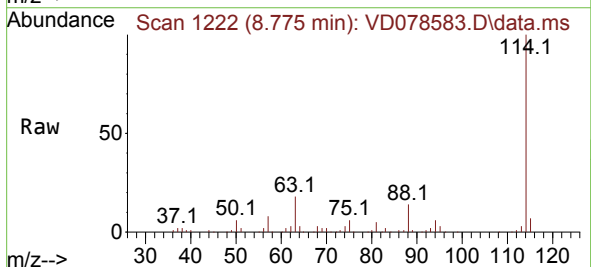
Tgt Ion: 114 Resp: 227277

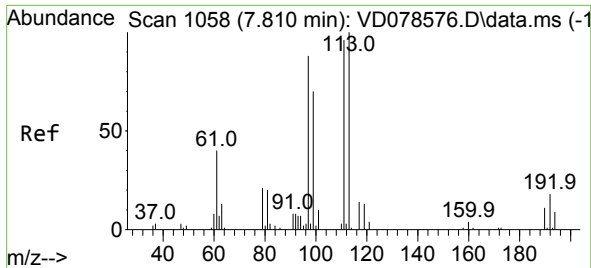
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 13.7 0.0 26.2

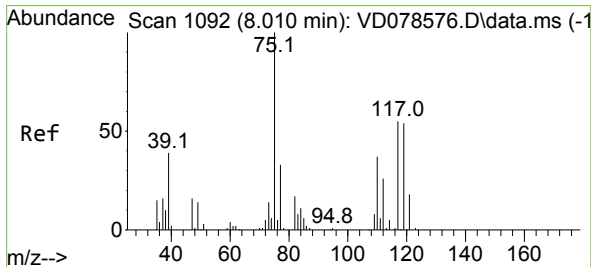
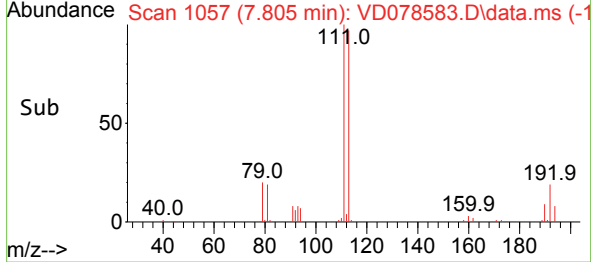
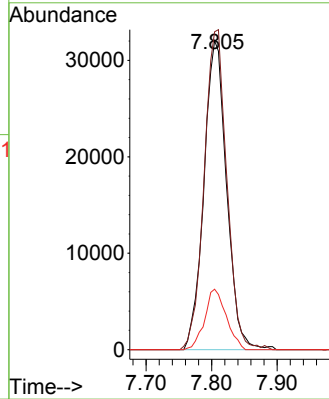
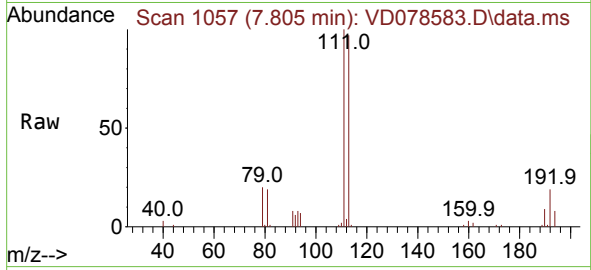




#35
Dibromofluoromethane
Concen: 52.200 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078583.D
Acq: 04 Mar 2024 11:56

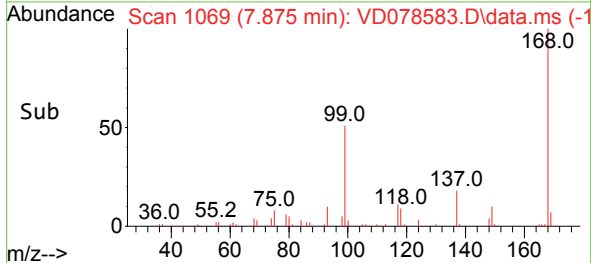
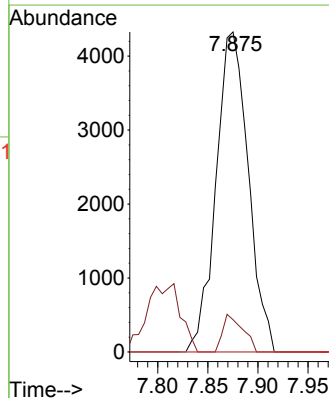
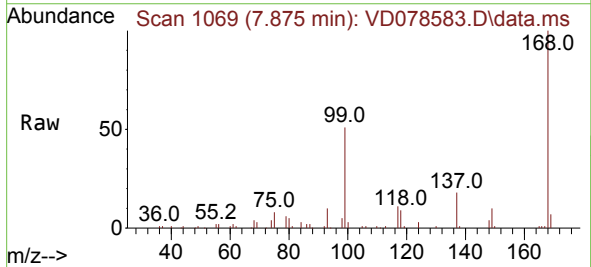
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBL01

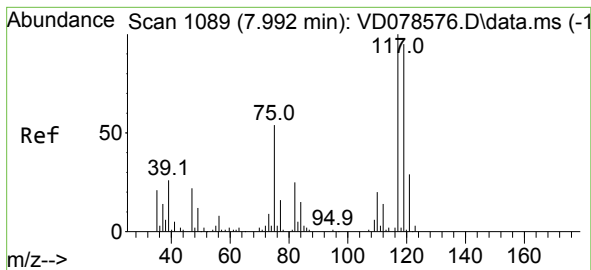
Tgt Ion:113 Resp: 77173
Ion Ratio Lower Upper
113 100
111 103.4 84.7 127.1
192 18.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.724 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078583.D
Acq: 04 Mar 2024 11:56

Tgt Ion: 75 Resp: 9665
Ion Ratio Lower Upper
75 100
110 7.3 19.9 59.6#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.714 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.117 min

Lab File: VD078583.D

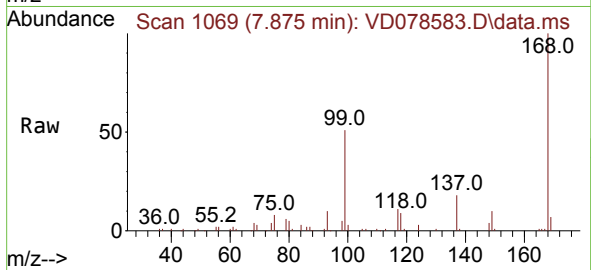
Acq: 04 Mar 2024 11:56

Instrument :

MSVOA_D

ClientSampleId :

VD0304SBL01



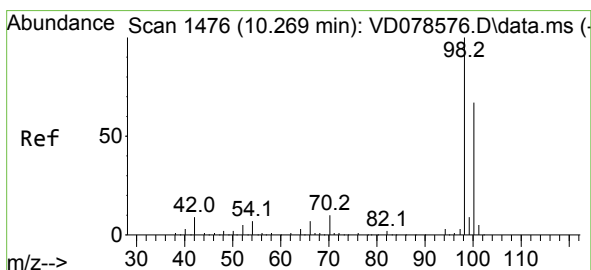
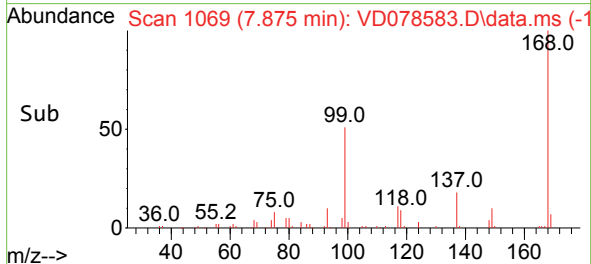
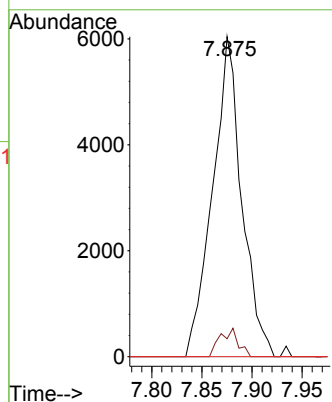
Tgt Ion:117 Resp: 12227

Ion Ratio Lower Upper

117 100

119 5.6 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 49.691 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078583.D

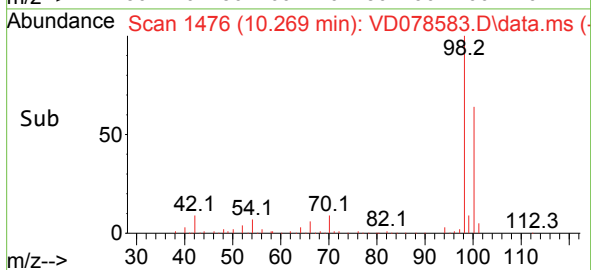
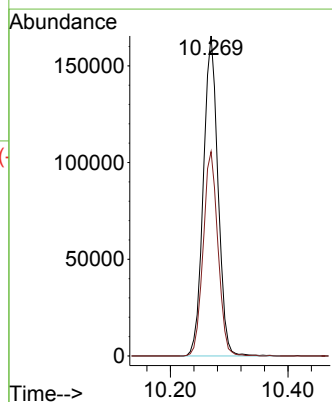
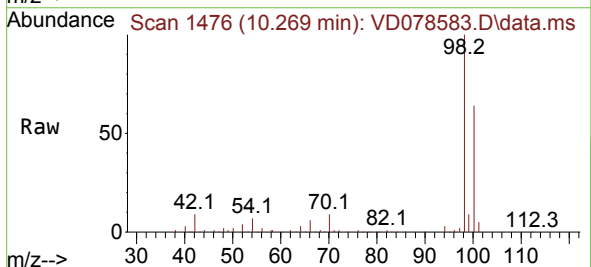
Acq: 04 Mar 2024 11:56

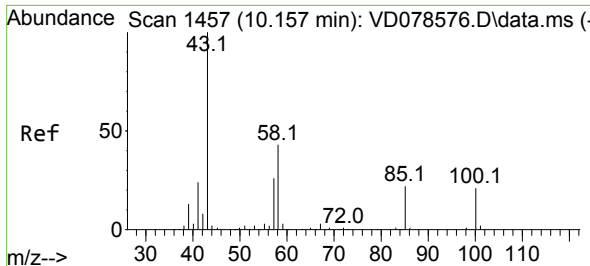
Tgt Ion: 98 Resp: 285471

Ion Ratio Lower Upper

98 100

100 64.2 50.3 75.5

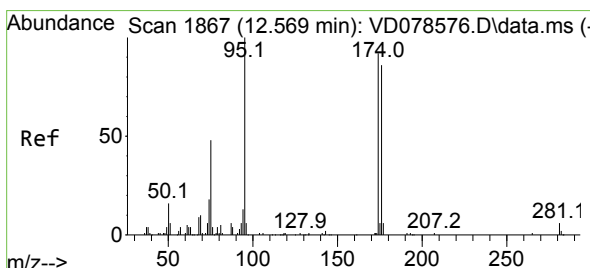
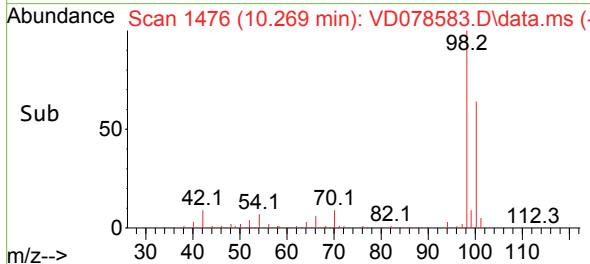
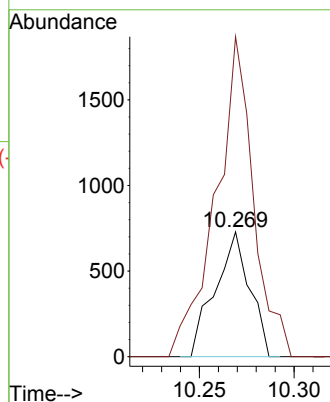
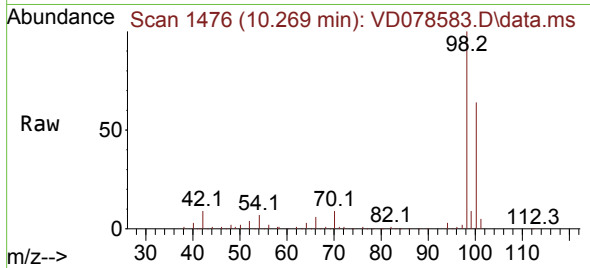




#51
4-Methyl-2-Pentanone
Concen: 1.412 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD078583.D
Acq: 04 Mar 2024 11:56

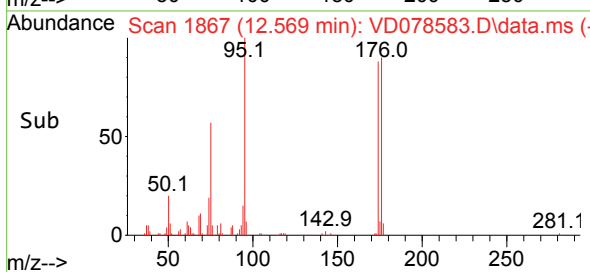
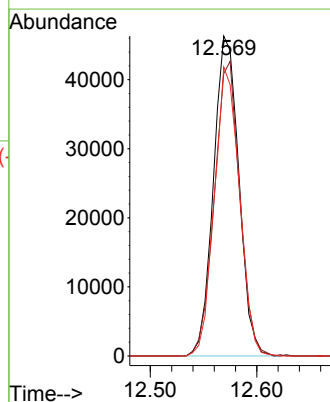
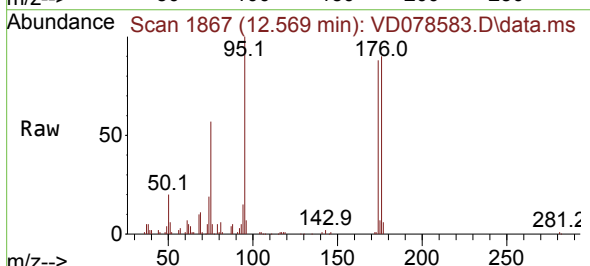
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBL01

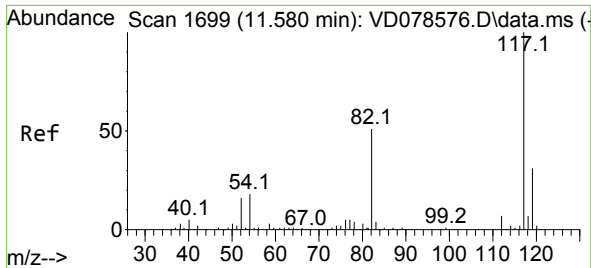
Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
58 278.2 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 46.564 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078583.D
Acq: 04 Mar 2024 11:56

Tgt Ion: 95 Resp: 76404
Ion Ratio Lower Upper
95 100
174 91.9 0.0 201.8
176 89.7 0.0 191.8

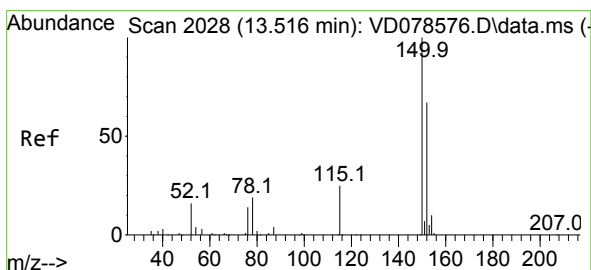
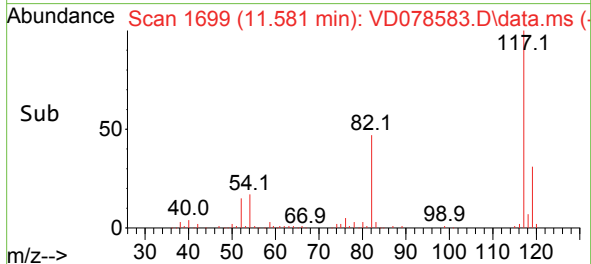
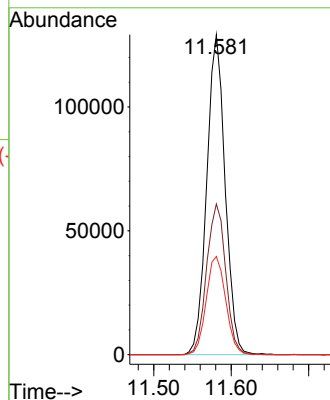
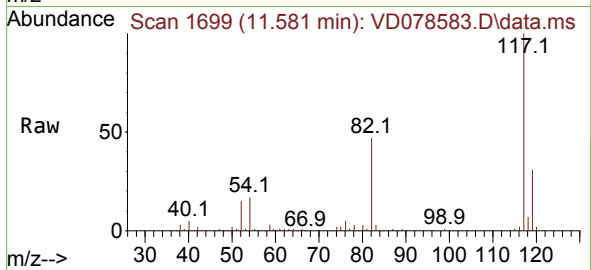




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078583.D
Acq: 04 Mar 2024 11:56

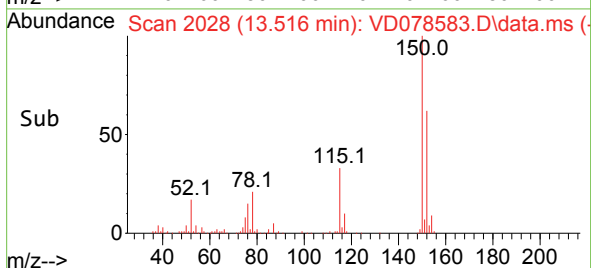
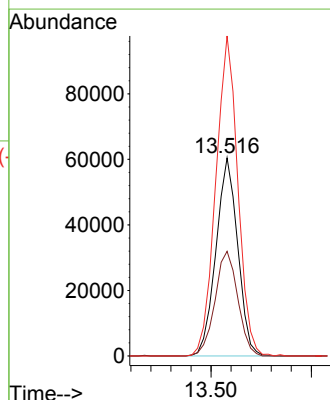
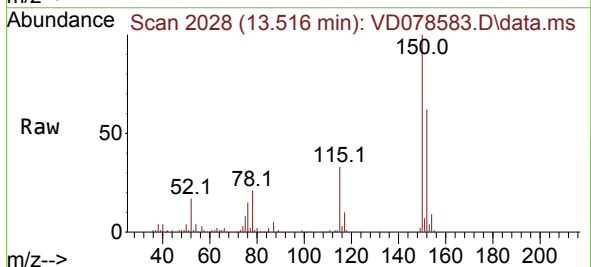
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MSVOA_D
ClientSampleId :
VD0304SBL01

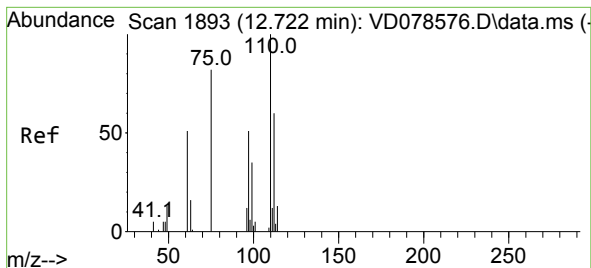
Tgt Ion:117 Resp: 212914
Ion Ratio Lower Upper
117 100
82 47.1 38.3 57.5
119 30.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078583.D
Acq: 04 Mar 2024 11:56

Tgt Ion:152 Resp: 90929
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 163.7 0.0 353.6





#76

1,2,3-Trichloropropane

Concen: 58.686 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD078583.D

Acq: 04 Mar 2024 11:56

Instrument :

MSVOA_D

ClientSampleId :

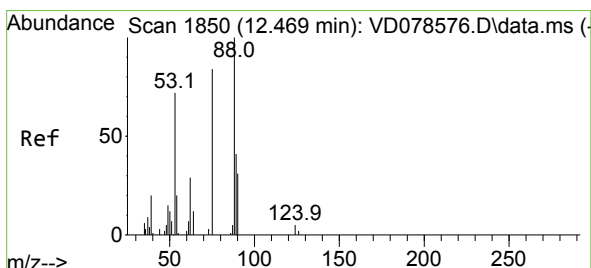
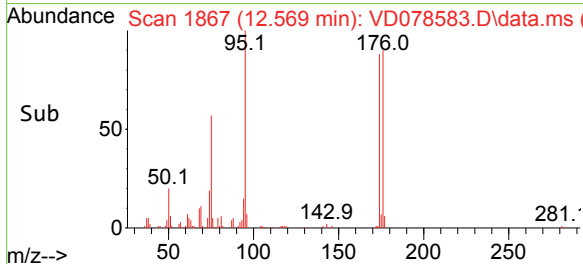
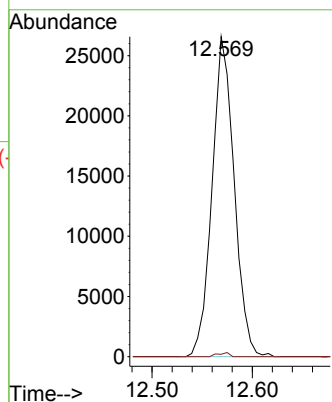
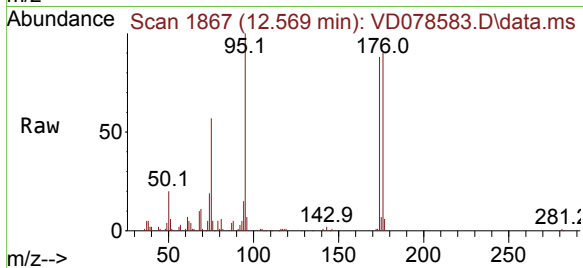
VD0304SBL01

Tgt Ion: 75 Resp: 40755

Ion Ratio Lower Upper

75 100

77 0.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 125.613 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.100 min

Lab File: VD078583.D

Acq: 04 Mar 2024 11:56

Tgt Ion: 75 Resp: 40755

Ion Ratio Lower Upper

75 100

53 0.0 63.0 94.4#

89 0.1 37.9 56.9#

