

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110623\
 Data File : VD077510.D
 Acq On : 06 Nov 2023 15:37
 Operator : JC/SY
 Sample : 05256-11
 Misc : 5.07G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 07 02:10:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

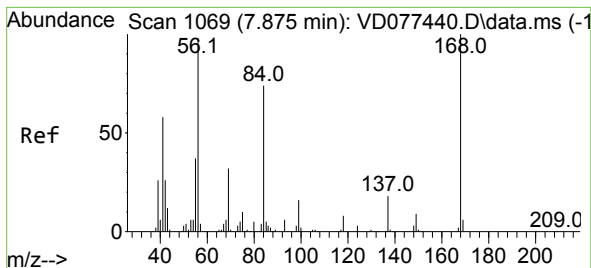
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	226504	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	453146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	434038	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	203340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	174400	54.451	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.900%
35) Dibromofluoromethane	7.805	113	147071	46.958	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.920%
50) Toluene-d8	10.269	98	596505	49.033	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.575	95	196947	48.067	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.140%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.034	59	439	1.730	ug/l #	73
16) Acetone	4.034	43	2945	3.475	ug/l #	81
17) Carbon Disulfide	4.275	76	2019	4.024	ug/l #	37
20) Methylene Chloride	4.799	84	11794	1.349	ug/l #	63
25) 2-Butanone	7.052	43	1921	1.699	ug/l #	37
28) Bromochloromethane	7.275	49	53	2.124	ug/l #	1
31) Cyclohexane	7.875	56	6304	1.259	ug/l #	27
36) 1,1-Dichloropropene	7.875	75	21617	4.655	ug/l #	47
38) Carbon Tetrachloride	7.875	117	24275	5.548	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	112466	45.444	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	112466	87.780	ug/l #	17

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

Quant Time: Nov 07 02:10:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. 0.000 min

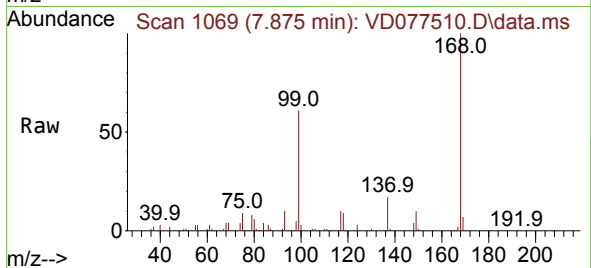
Lab File: VD077510.D

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Instrument :

MSVOA_D

ClientSampleId :

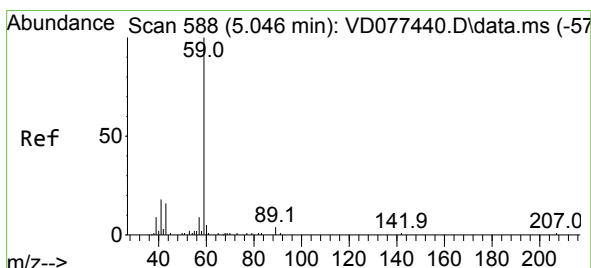
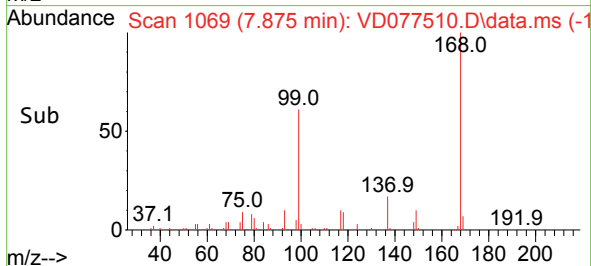
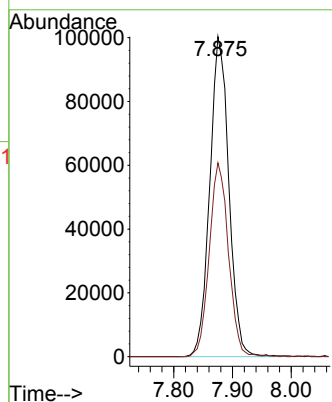


Tgt Ion:168 Resp: 226504

Ion Ratio Lower Upper

168 100

99 60.6 36.7 55.1#



#11

Tert butyl alcohol

Concen: 1.730 ug/l

RT: 5.034 min Scan# 586

Delta R.T. -0.012 min

Lab File: VD077510.D

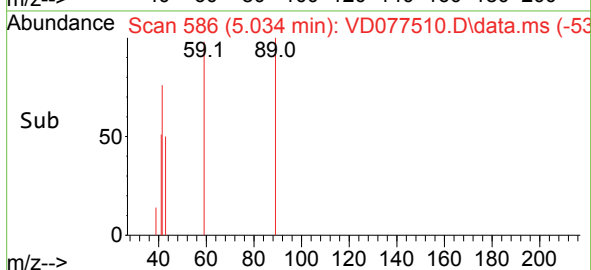
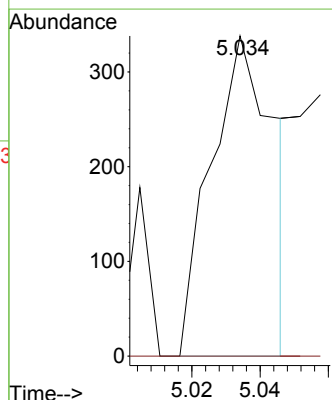
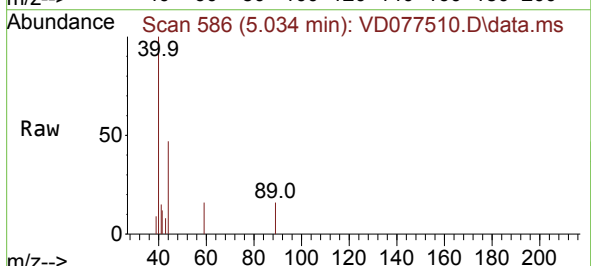
Acq: 06 Nov 2023 15:37

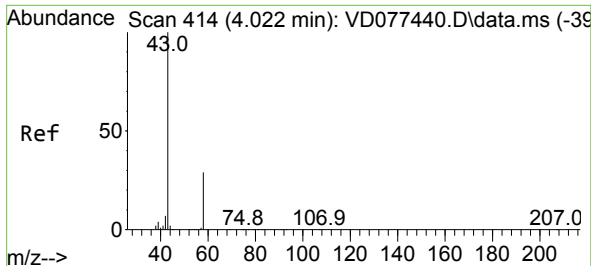
Tgt Ion: 59 Resp: 439

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#

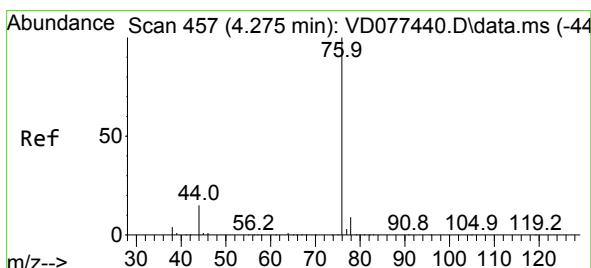
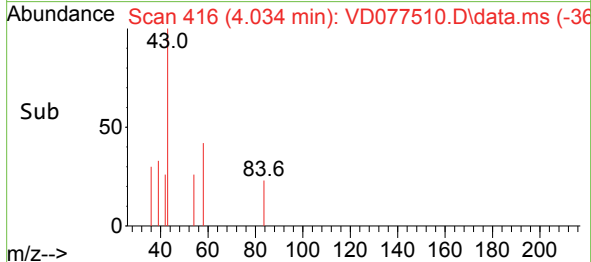
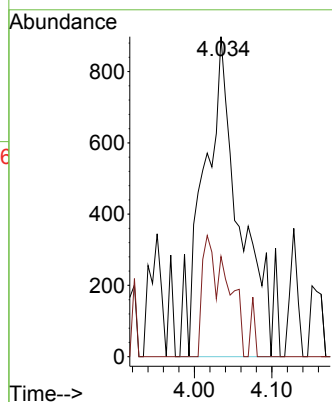
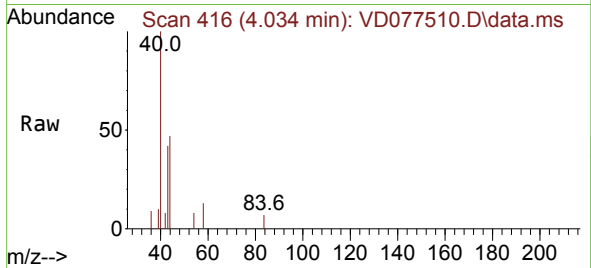




#16
Acetone
Concen: 3.475 ug/l
RT: 4.034 min Scan# 414
Delta R.T. 0.012 min
Lab File: VD077510.D
Acq: 06 Nov 2023 15:37

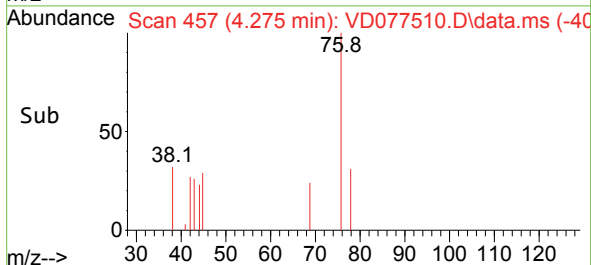
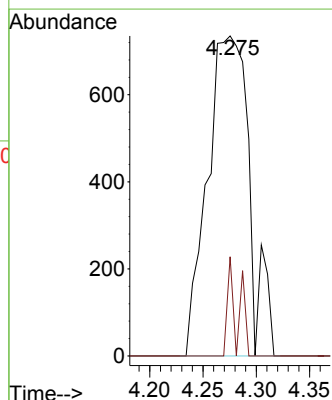
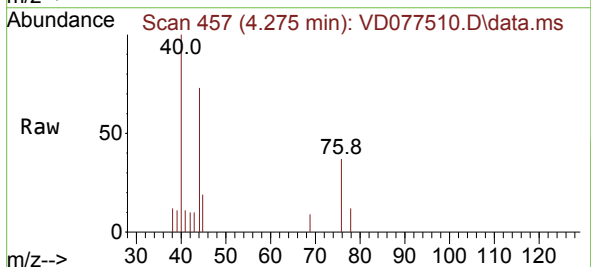
Instrument :
MSVOA_D
ClientSampleId :

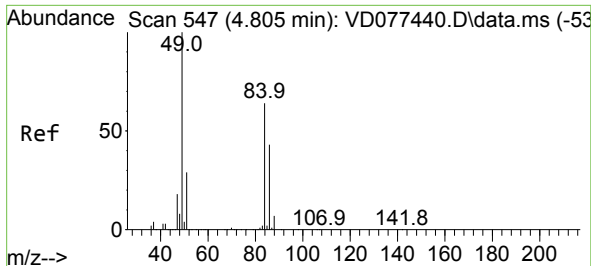
Tgt Ion: 43 Resp: 2945
Ion Ratio Lower Upper
43 100
58 31.3 34.7 52.1#



#17
Carbon Disulfide
Concen: 4.024 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077510.D
Acq: 06 Nov 2023 15:37

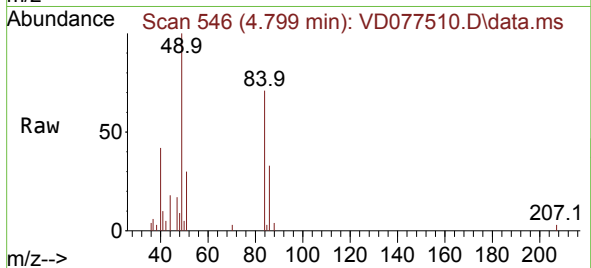
Tgt Ion: 76 Resp: 2019
Ion Ratio Lower Upper
76 100
78 31.0 6.8 10.2#



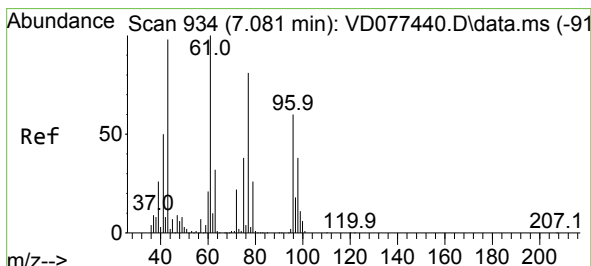
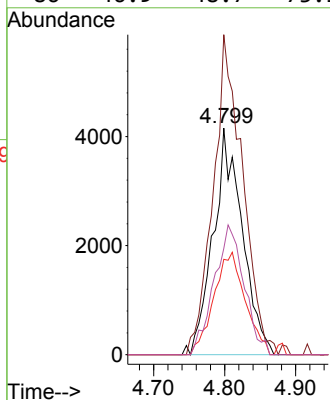
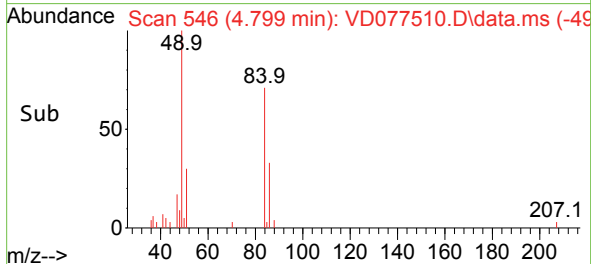


#20
Methylene Chloride
Concen: 1.349 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD077510.D
Acq: 06 Nov 2023 15:37

Instrument :
MSVOA_D
ClientSampleId :

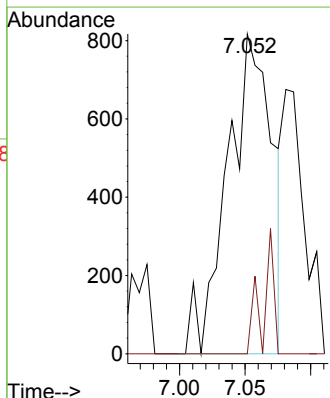
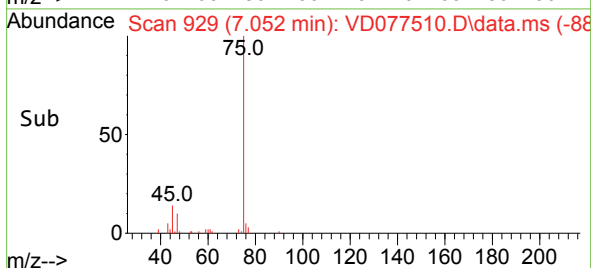
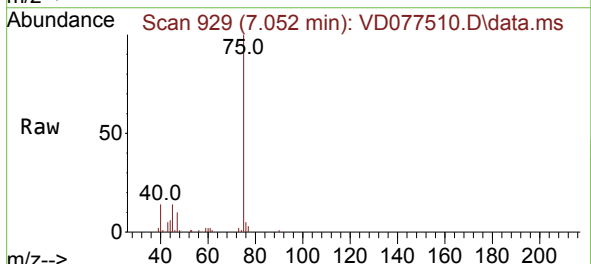


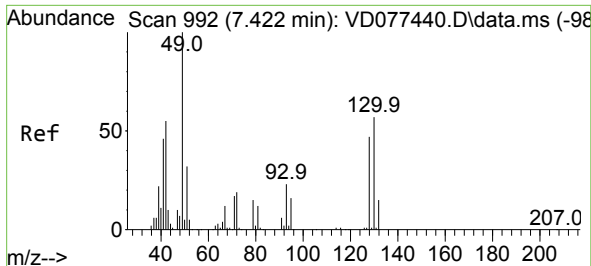
Tgt Ion: 84 Resp: 11794
Ion Ratio Lower Upper
84 100
49 141.2 71.4 107.2#
51 42.1 24.5 36.7#
86 46.9 48.7 73.1#



#25
2-Butanone
Concen: 1.699 ug/l
RT: 7.052 min Scan# 929
Delta R.T. -0.029 min
Lab File: VD077510.D
Acq: 06 Nov 2023 15:37

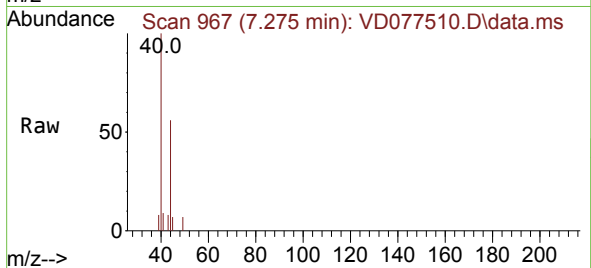
Tgt Ion: 43 Resp: 1921
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



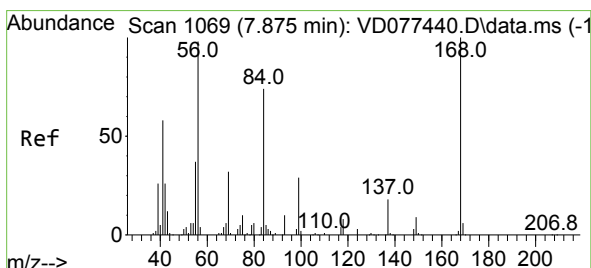
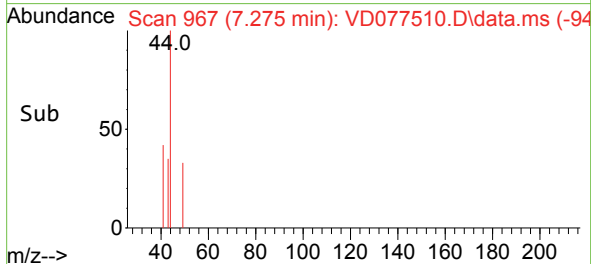
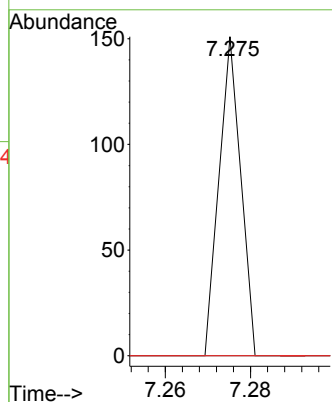


#28
Bromochloromethane
Concen: 2.124 ug/l
RT: 7.275 min Scan# 90
Delta R.T. -0.147 min
Lab File: VD077510.D
Acq: 06 Nov 2023 15:37

Instrument :
MSVOA_D
ClientSampleId :

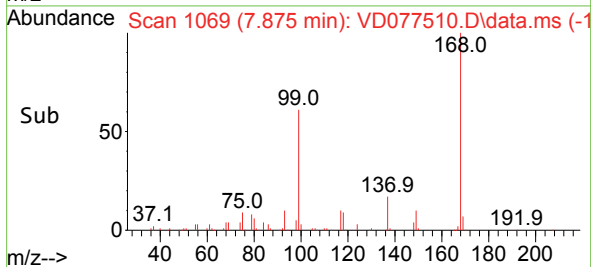
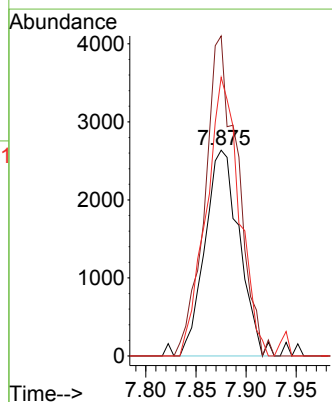
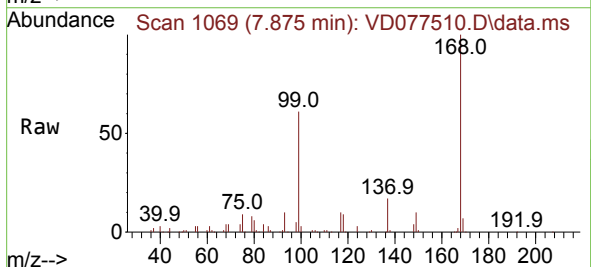


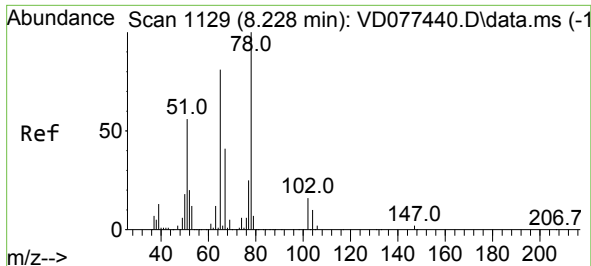
Tgt Ion: 49 Resp: 53
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



#31
Cyclohexane
Concen: 1.259 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077510.D
Acq: 06 Nov 2023 15:37

Tgt Ion: 56 Resp: 6304
Ion Ratio Lower Upper
56 100
69 155.5 28.6 43.0#
84 135.4 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 54.451 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077510.D

Acq: 06 Nov 2023 15:37

Instrument :

MSVOA_D

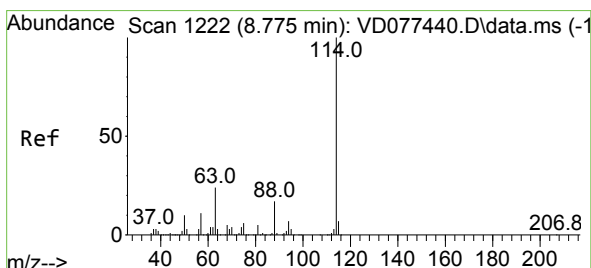
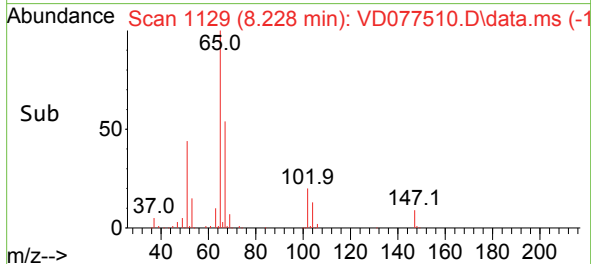
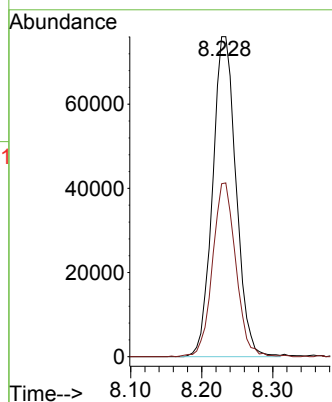
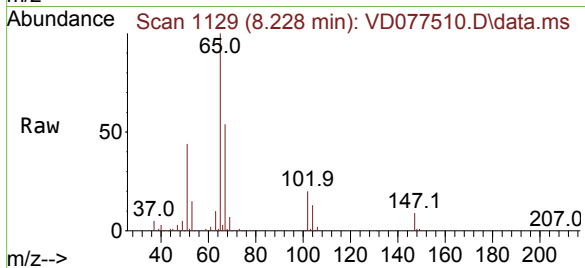
ClientSampleId :

Tgt Ion: 65 Resp: 174400

Ion Ratio Lower Upper

65 100

67 53.8 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: VD077510.D

Acq: 06 Nov 2023 15:37

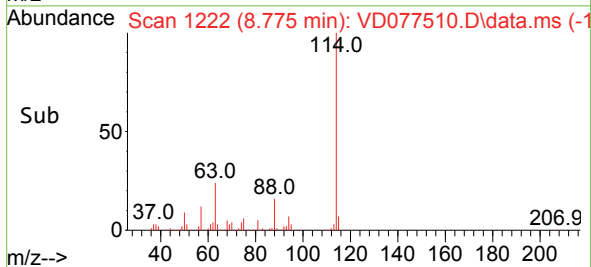
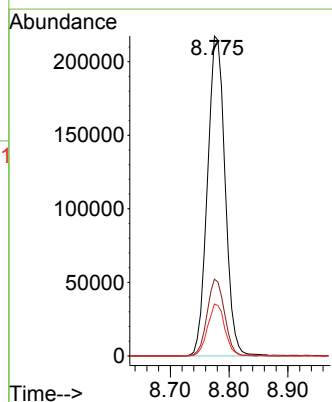
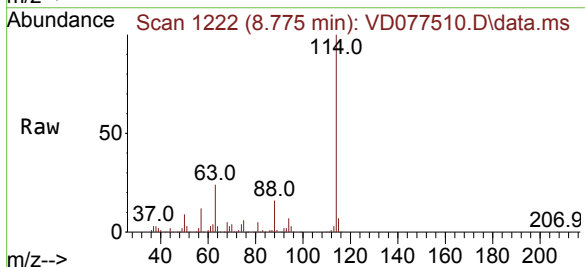
Tgt Ion: 114 Resp: 453146

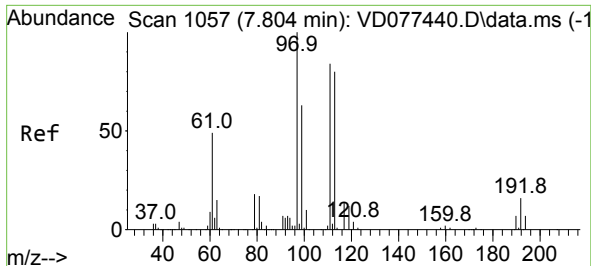
Ion Ratio Lower Upper

114 100

63 24.0 0.0 33.4

88 16.3 0.0 26.2

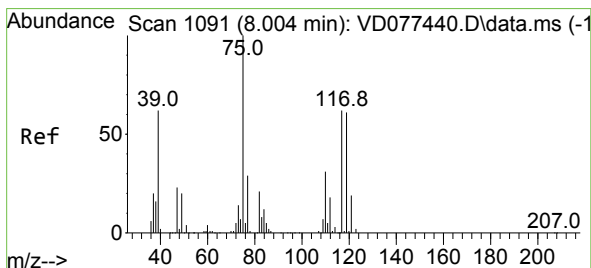
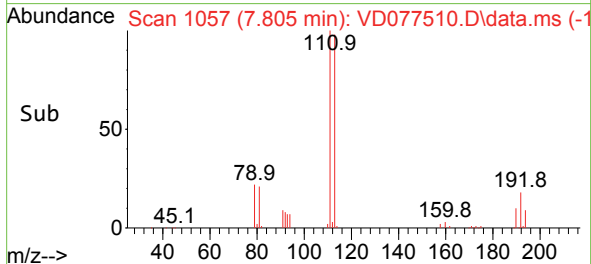
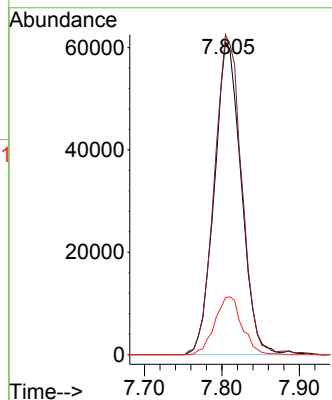
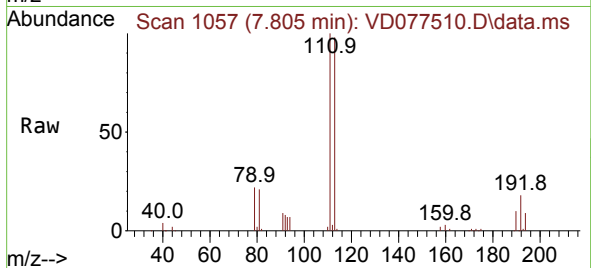




#35
Dibromofluoromethane
Concen: 46.958 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077510.D
Acq: 06 Nov 2023 15:37

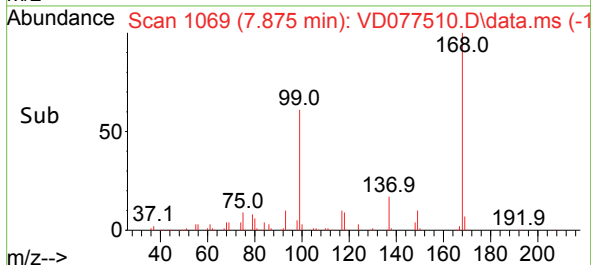
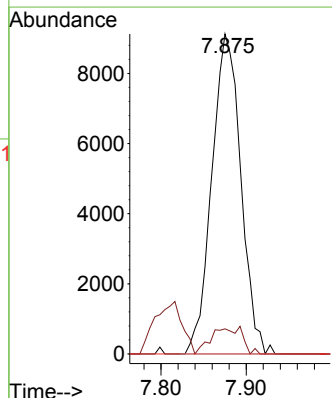
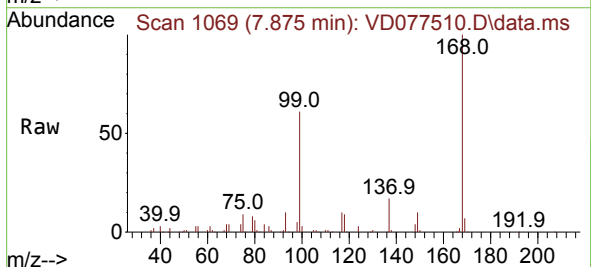
Instrument :
MSVOA_D
ClientSampleId :

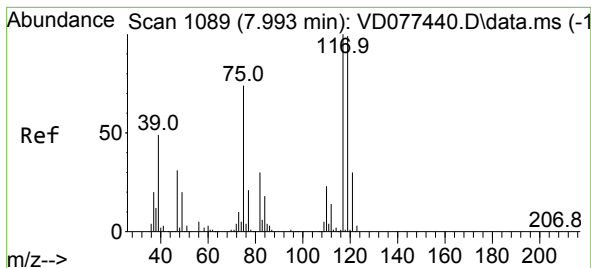
Tgt Ion:113 Resp: 147071
Ion Ratio Lower Upper
113 100
111 103.8 84.7 127.1
192 18.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.655 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD077510.D
Acq: 06 Nov 2023 15:37

Tgt Ion: 75 Resp: 21617
Ion Ratio Lower Upper
75 100
110 8.9 19.9 59.6#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.548 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

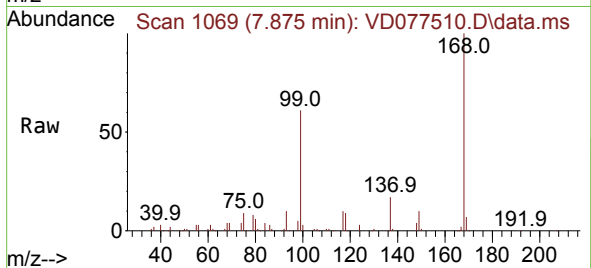
Lab File: VD077510.D

Acq: 06 Nov 2023 15:37

Instrument :

MSVOA_D

ClientSampleId :



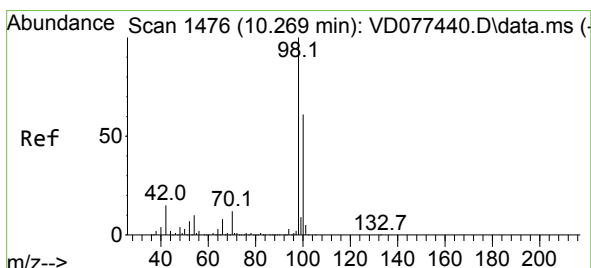
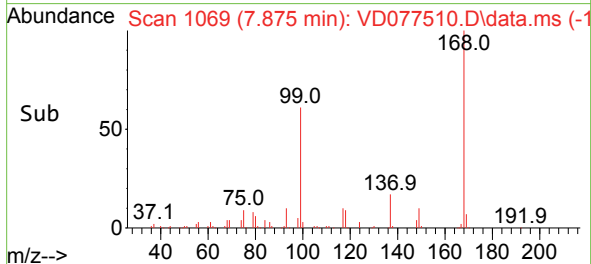
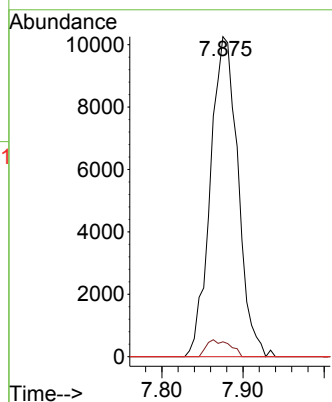
Tgt Ion:117 Resp: 24275

Ion Ratio Lower Upper

117 100

119 4.7 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 49.033 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077510.D

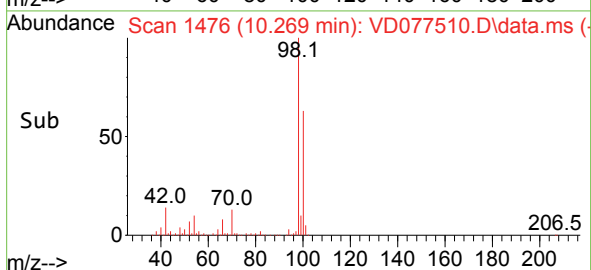
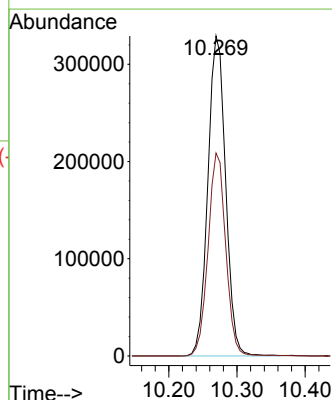
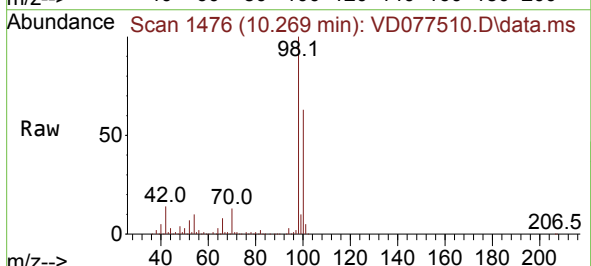
Acq: 06 Nov 2023 15:37

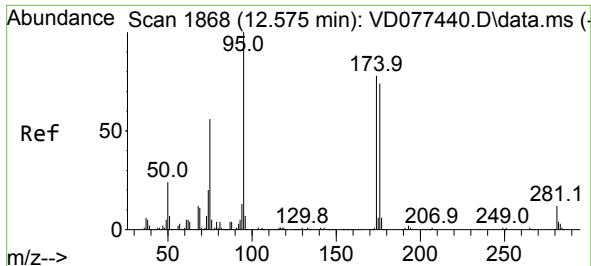
Tgt Ion: 98 Resp: 596505

Ion Ratio Lower Upper

98 100

100 63.1 50.3 75.5

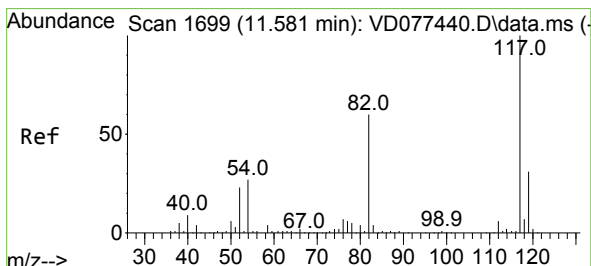
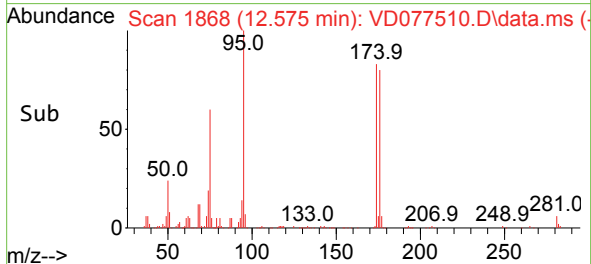
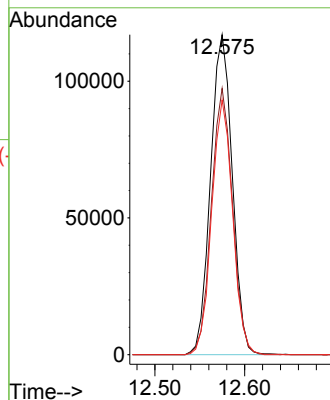
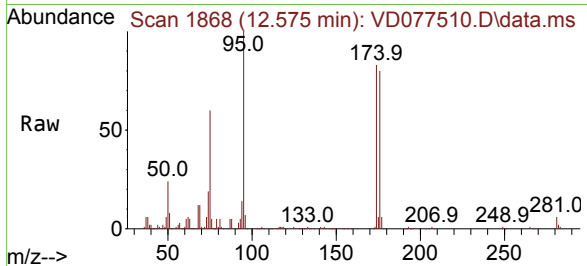




#62
4-Bromofluorobenzene
Concen: 48.067 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077510.D
Acq: 06 Nov 2023 15:37

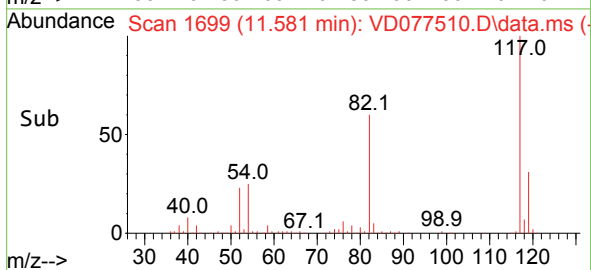
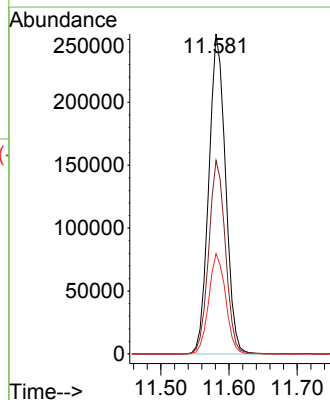
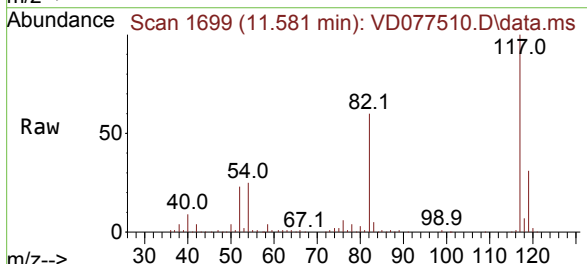
Instrument :
MSVOA_D
ClientSampleId :

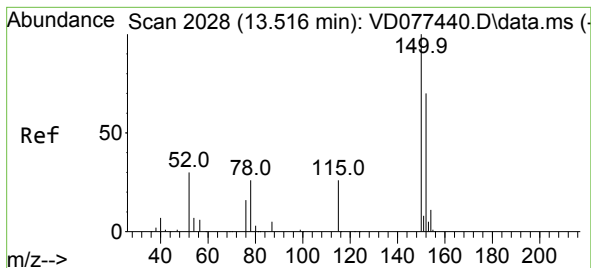
Tgt Ion: 95 Resp: 196947
Ion Ratio Lower Upper
95 100
174 81.2 0.0 201.8
176 76.7 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077510.D
Acq: 06 Nov 2023 15:37

Tgt Ion: 117 Resp: 434038
Ion Ratio Lower Upper
117 100
82 60.5 38.3 57.5#
119 31.4 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD077510.D

Acq: 06 Nov 2023 15:37

Instrument :

MSVOA_D

ClientSampleId :

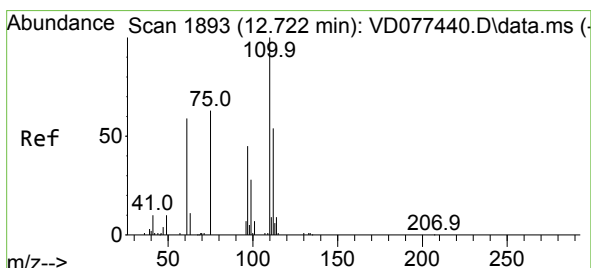
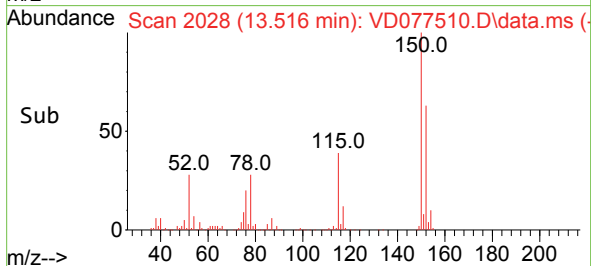
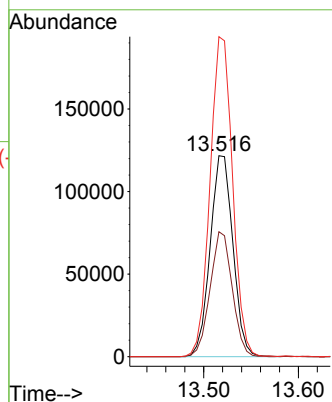
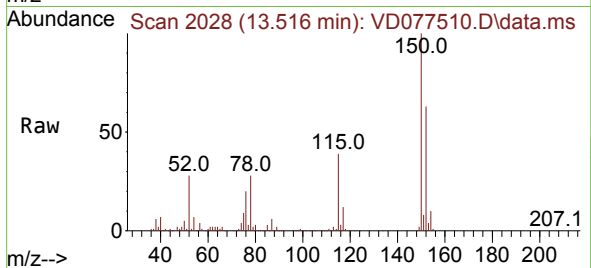
Tgt Ion:152 Resp: 203340

Ion Ratio Lower Upper

152 100

115 60.4 27.1 81.3

150 157.5 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 45.444 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD077510.D

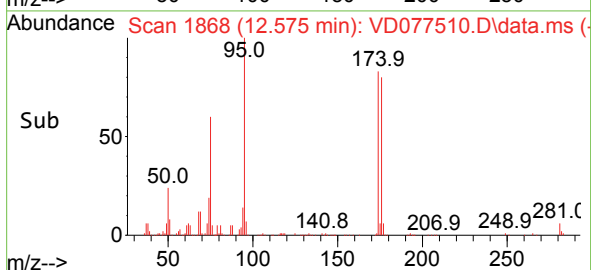
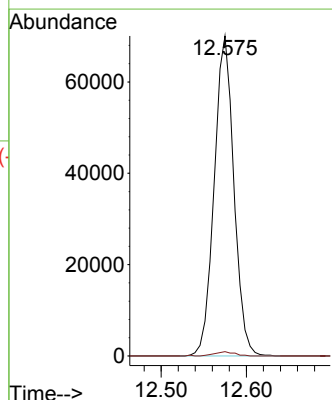
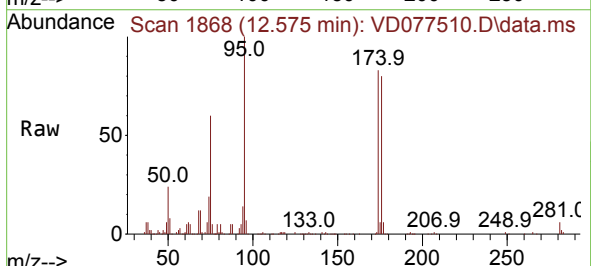
Acq: 06 Nov 2023 15:37

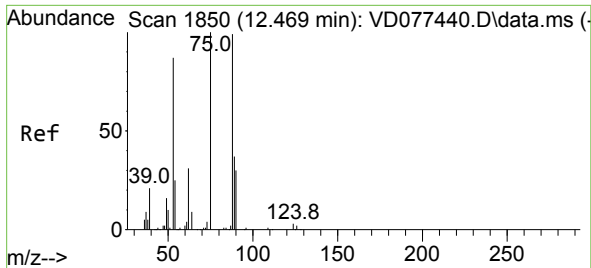
Tgt Ion: 75 Resp: 112466

Ion Ratio Lower Upper

75 100

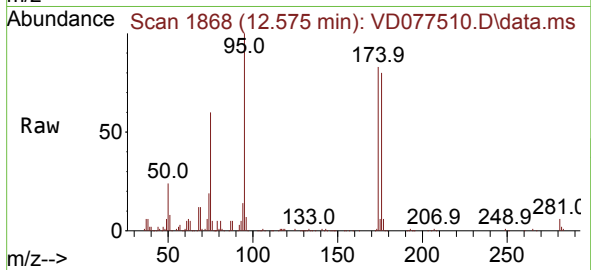
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 87.780 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD077510.D
Acq: 06 Nov 2023 15:37

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	75	Resp:	112466
Ion	Ratio	Lower	Upper
75	100		
53	0.1	63.0	94.4#
89	0.1	37.9	56.9#

