

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
 Data File : VD077389.D
 Acq On : 24 Oct 2023 12:26
 Operator : JC/SY
 Sample : VD1024SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 25 04:02:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

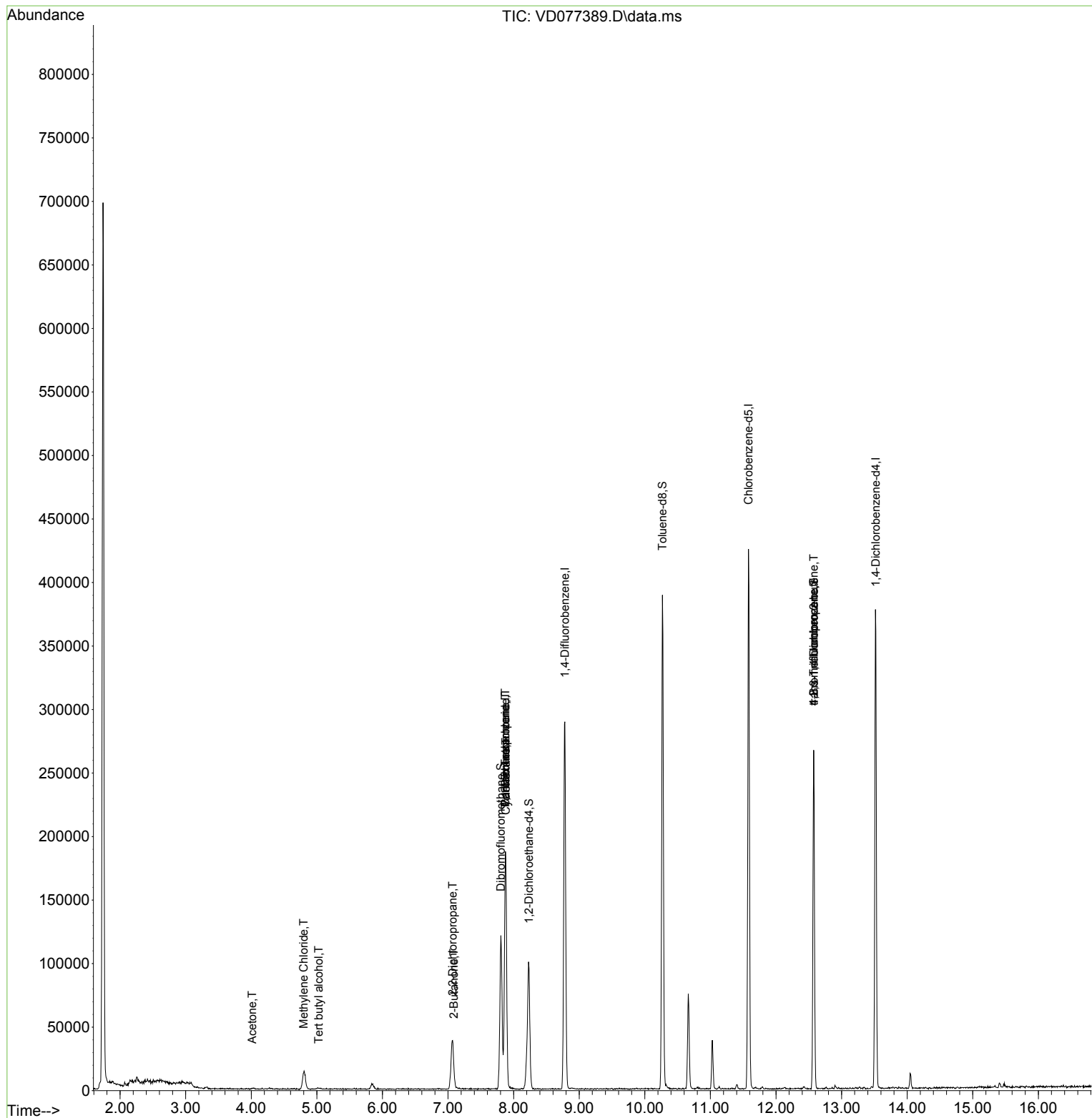
Internal Standards						
1) Pentafluorobenzene	7.875	168	153240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	282008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	263017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	107577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72517	52.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.000%	
35) Dibromofluoromethane	7.805	113	88084	44.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.920%	
50) Toluene-d8	10.269	98	281571	39.684	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 79.360%	
62) 4-Bromofluorobenzene	12.575	95	72330	35.413	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 70.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.028	59	610	7.925	ug/l #	73
16) Acetone	4.017	43	553	1.843	ug/l #	32
20) Methylene Chloride	4.799	84	12457	2.309	ug/l #	86
25) 2-Butanone	7.087	43	496	1.594	ug/l #	37
26) 2,2-Dichloropropane	7.069	77	3159	1.268	ug/l #	49
31) Cyclohexane	7.881	56	3220	1.512	ug/l #	38
36) 1,1-Dichloropropene	7.875	75	11471	4.406	ug/l #	49
38) Carbon Tetrachloride	7.875	117	14864	5.133	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	36990	26.680	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	36990	92.135	ug/l #	17

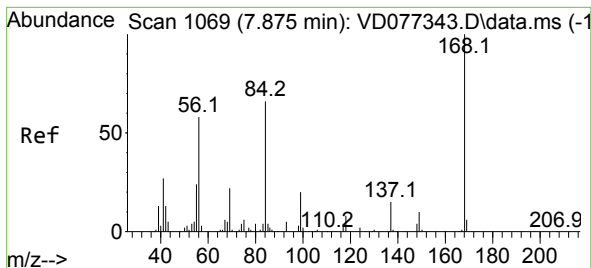
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 2023
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: VD077389.D

Acq: 24 Oct 2023 12:26

Instrument :

MSVOA_D

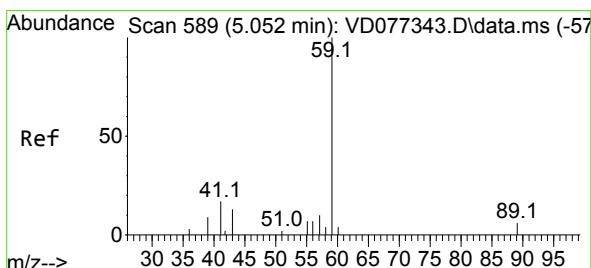
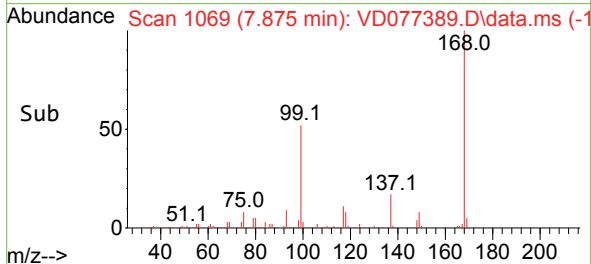
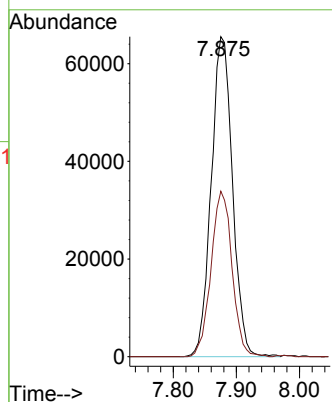
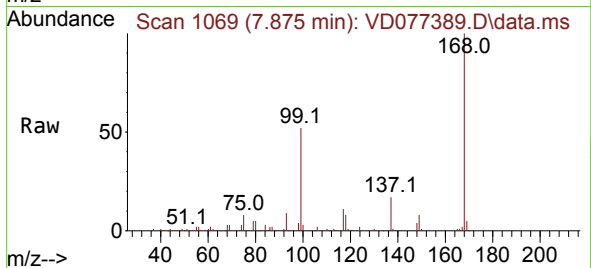
ClientSampleId :

Tgt Ion:168 Resp: 153240

Ion Ratio Lower Upper

168 100

99 51.7 36.7 55.1



#11

Tert butyl alcohol

Concen: 7.925 ug/l

RT: 5.028 min Scan# 585

Delta R.T. -0.024 min

Lab File: VD077389.D

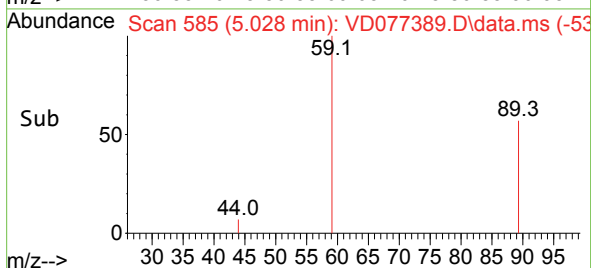
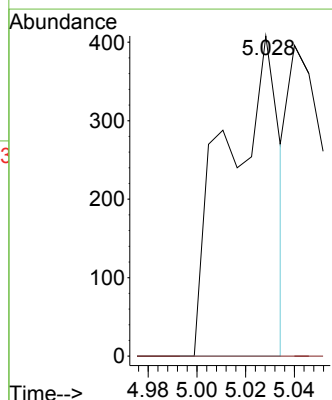
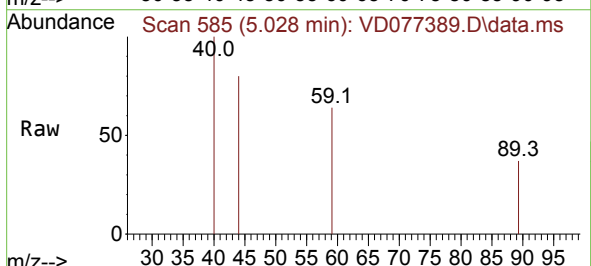
Acq: 24 Oct 2023 12:26

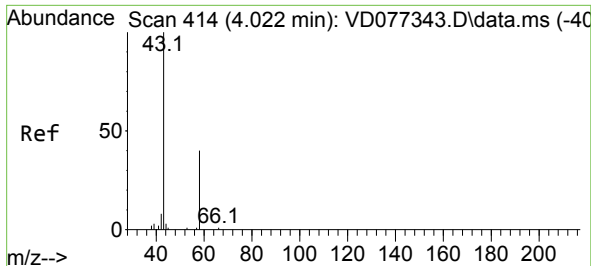
Tgt Ion: 59 Resp: 610

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#





#16

Acetone

Concen: 1.843 ug/l

RT: 4.017 min Scan# 41

Delta R.T. -0.005 min

Lab File: VD077389.D

Acq: 24 Oct 2023 12:26

Instrument :

MSVOA_D

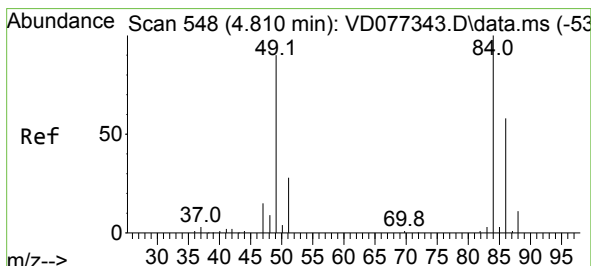
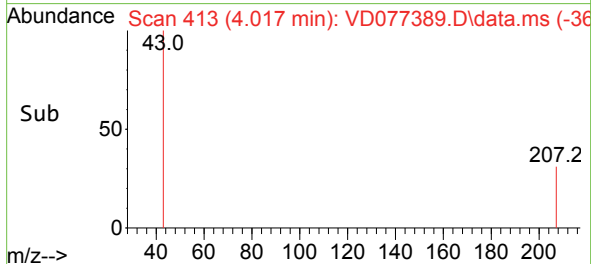
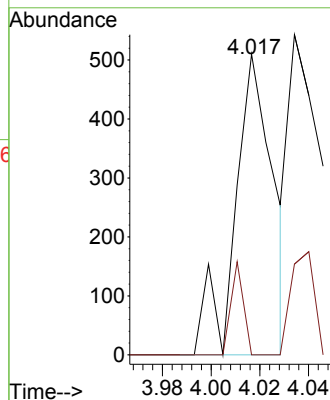
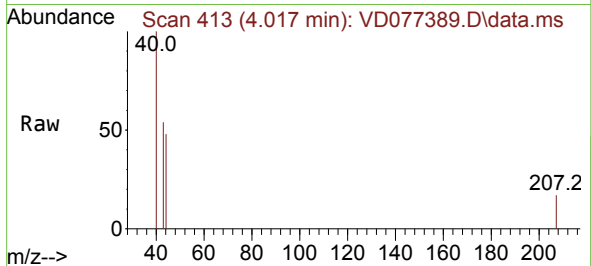
ClientSampleId :

Tgt Ion: 43 Resp: 553

Ion Ratio Lower Upper

43 100

58 0.0 34.7 52.1#



#20

Methylene Chloride

Concen: 2.309 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.011 min

Lab File: VD077389.D

Acq: 24 Oct 2023 12:26

Tgt Ion: 84 Resp: 12457

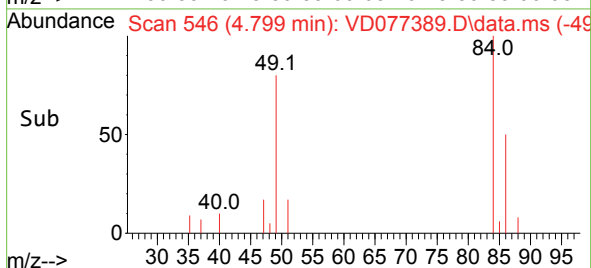
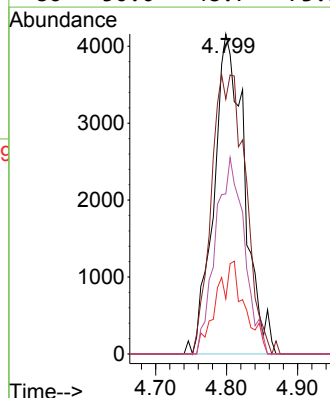
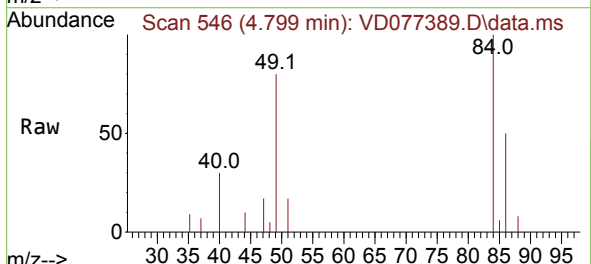
Ion Ratio Lower Upper

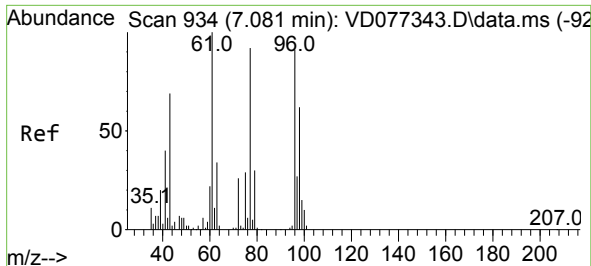
84 100

49 79.7 71.4 107.2

51 17.2 24.5 36.7#

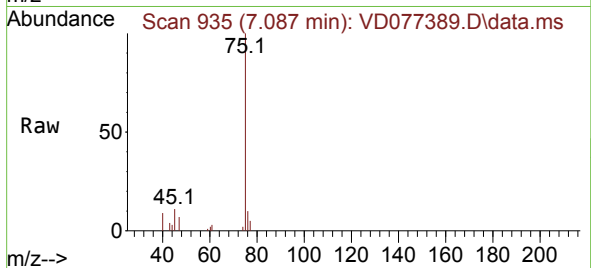
86 50.0 48.7 73.1



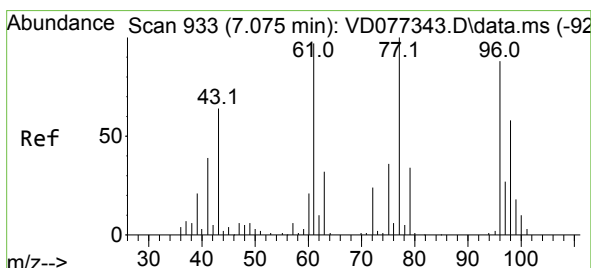
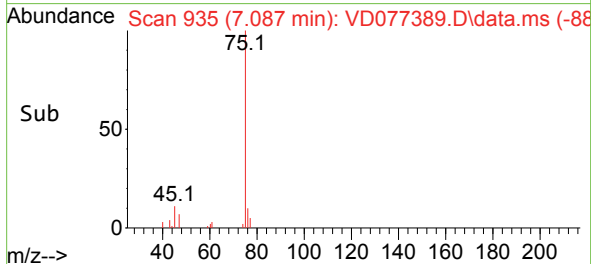
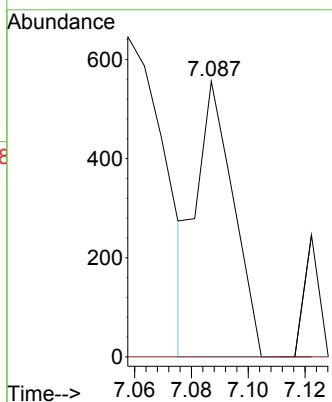


#25
2-Butanone
Concen: 1.594 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077389.D
Acq: 24 Oct 2023 12:26

Instrument :
MSVOA_D
ClientSampleId :

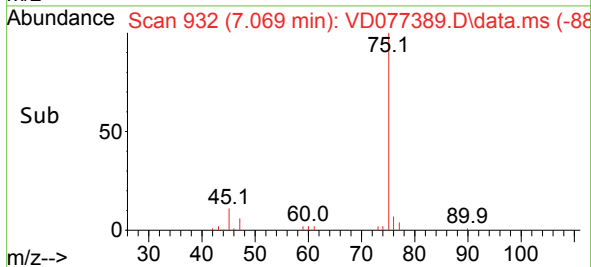
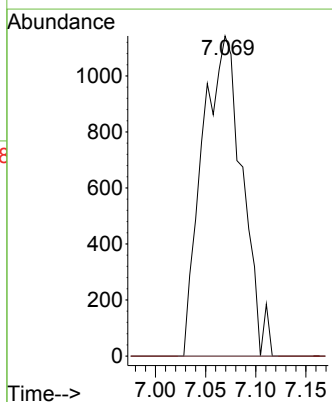
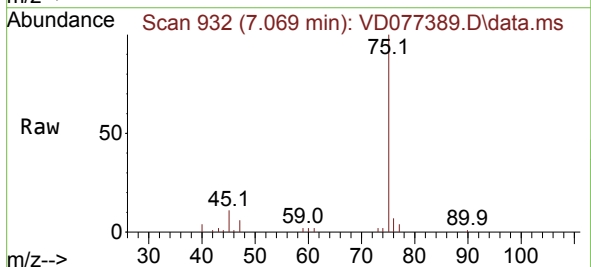


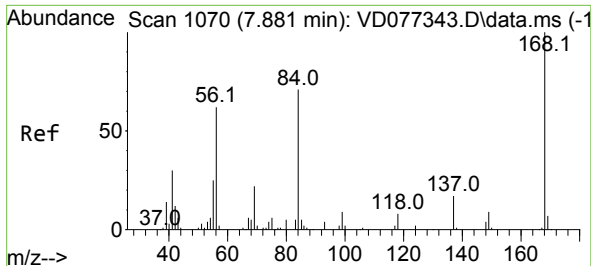
Tgt Ion: 43 Resp: 496
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 1.268 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD077389.D
Acq: 24 Oct 2023 12:26

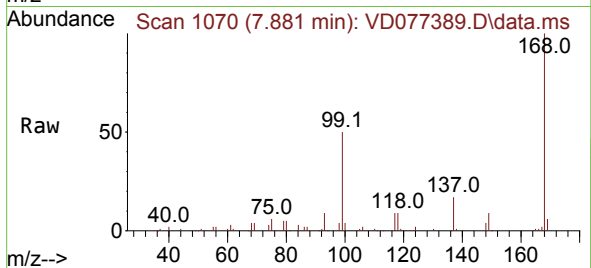
Tgt Ion: 77 Resp: 3159
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#



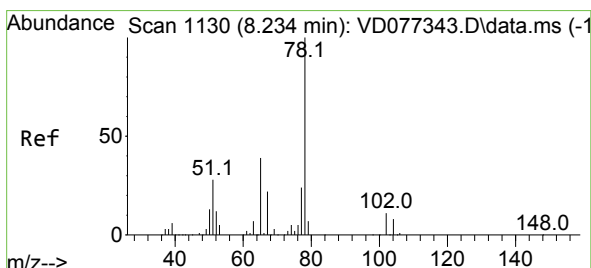
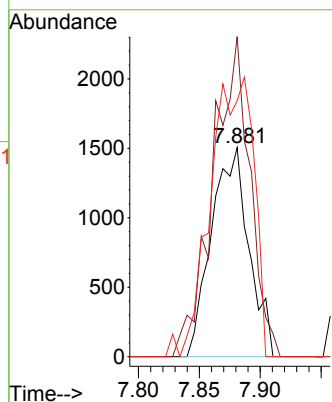
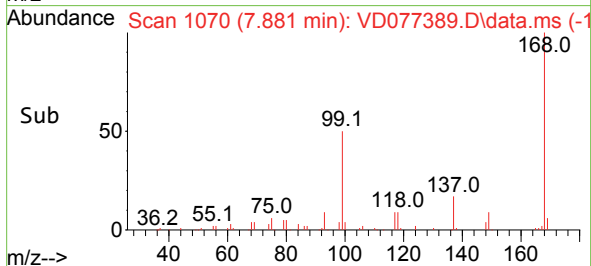


#31
Cyclohexane
Concen: 1.512 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD077389.D
Acq: 24 Oct 2023 12:26

Instrument :
MSVOA_D
ClientSampleId :

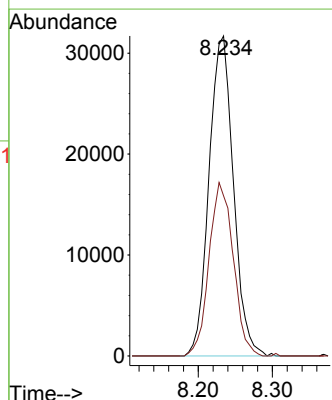
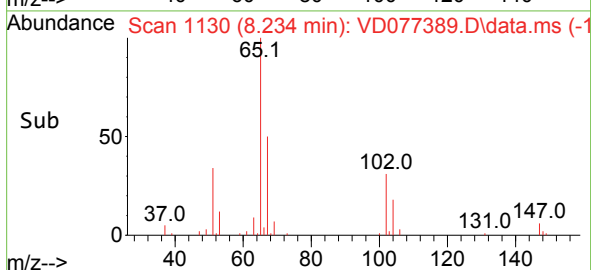
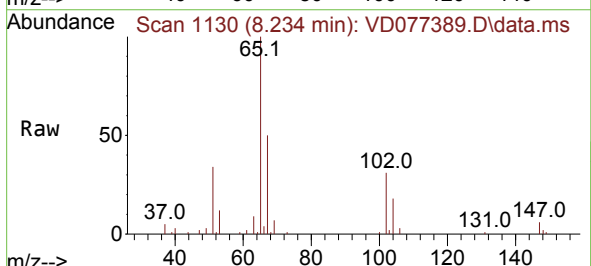


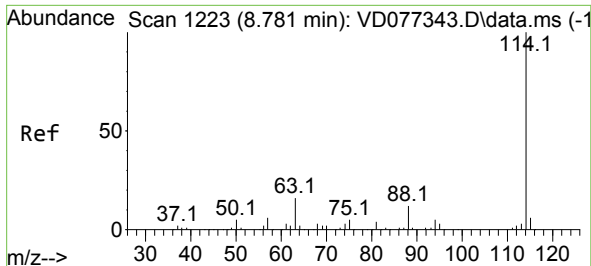
Tgt Ion: 56 Resp: 3220
Ion Ratio Lower Upper
56 100
69 153.0 28.6 43.0#
84 122.3 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 52.996 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD077389.D
Acq: 24 Oct 2023 12:26

Tgt Ion: 65 Resp: 72517
Ion Ratio Lower Upper
65 100
67 53.8 0.0 115.0

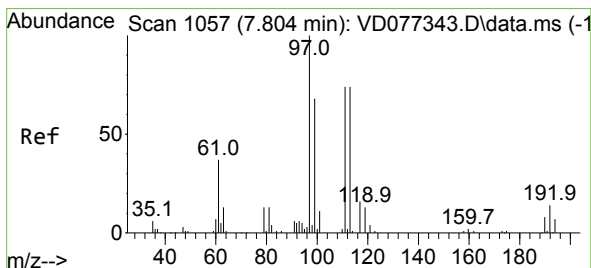
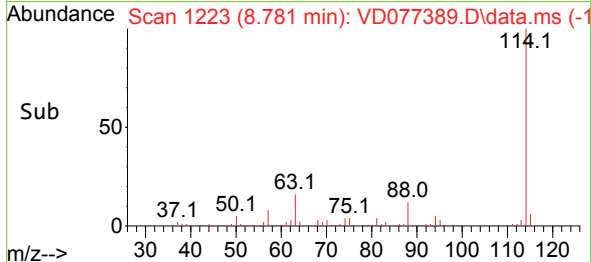
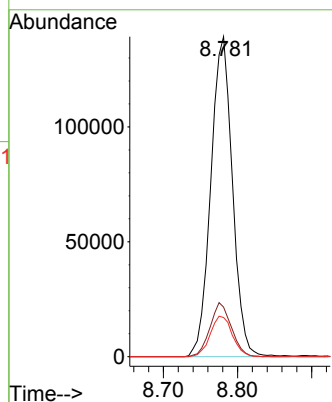
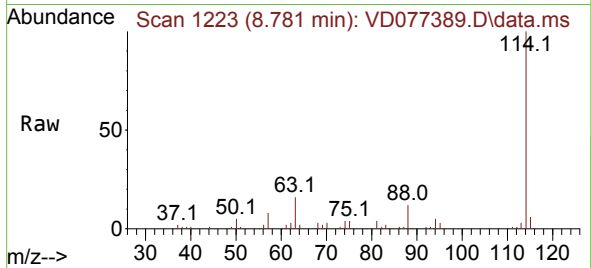




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077389.D
Acq: 24 Oct 2023 12:26

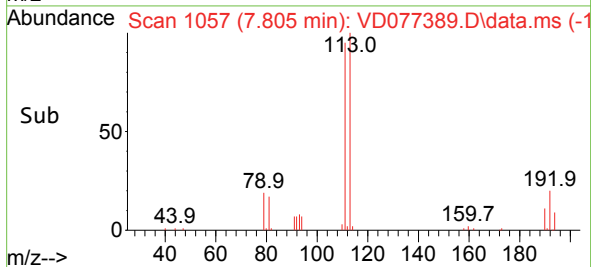
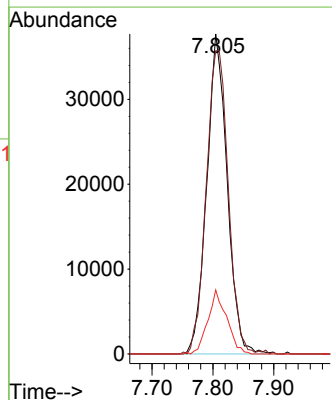
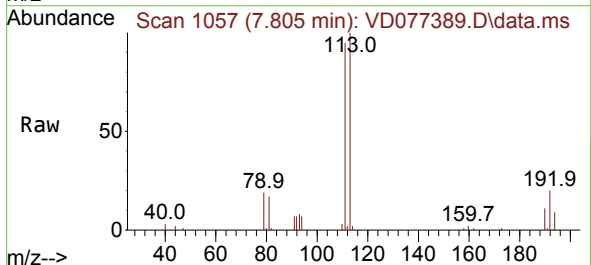
Instrument :
MSVOA_D
ClientSampleId :

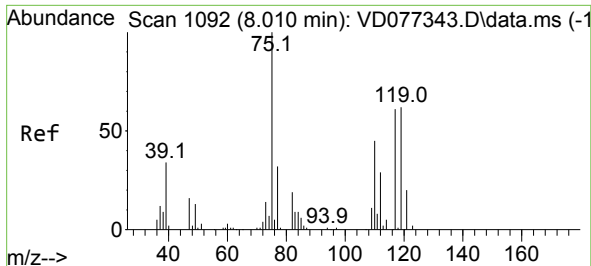
Tgt Ion:114 Resp: 282008
Ion Ratio Lower Upper
114 100
63 15.5 0.0 33.4
88 12.2 0.0 26.2



#35
Dibromofluoromethane
Concen: 44.459 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD077389.D
Acq: 24 Oct 2023 12:26

Tgt Ion:113 Resp: 88084
Ion Ratio Lower Upper
113 100
111 102.0 84.7 127.1
192 18.5 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.406 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD077389.D

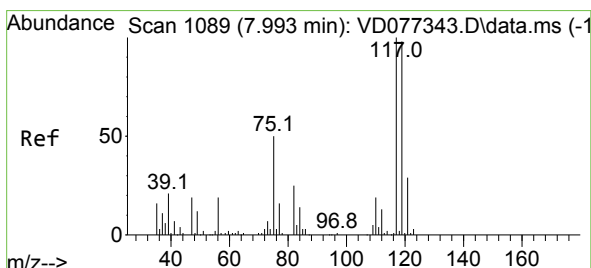
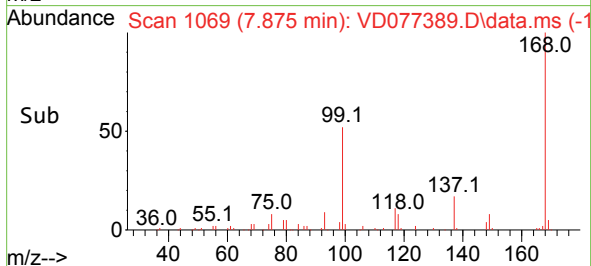
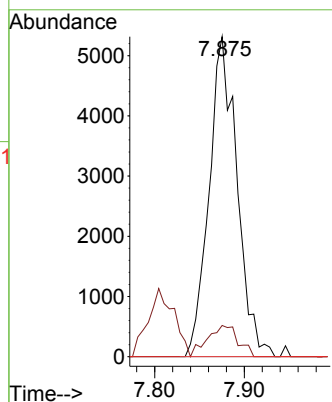
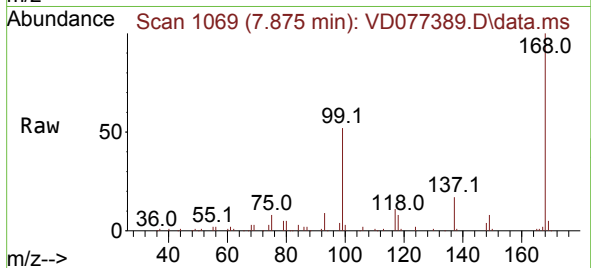
Acq: 24 Oct 2023 12:26

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 75	Resp: 11471
Ion Ratio	Lower Upper
75	100
110	10.7 19.9 59.6#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.133 ug/l

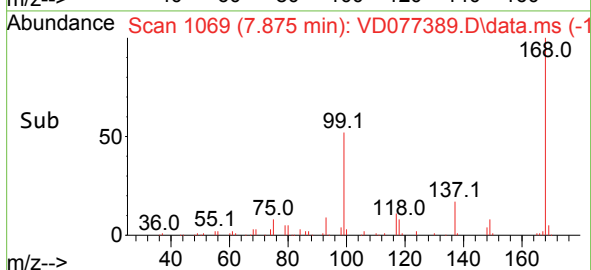
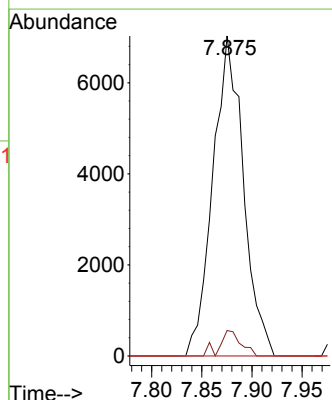
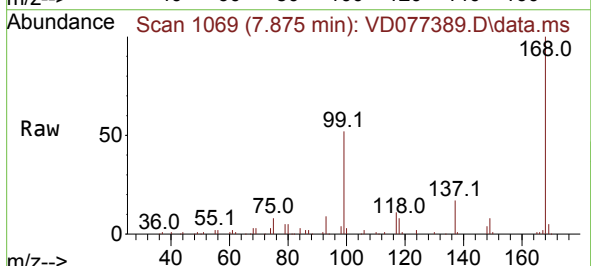
RT: 7.875 min Scan# 1069

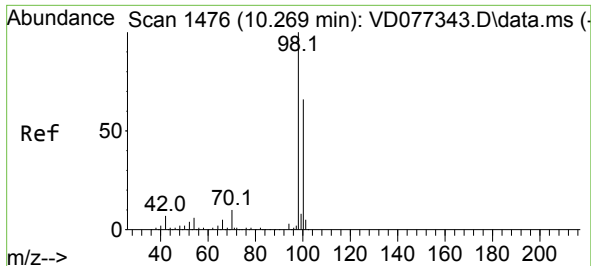
Delta R.T. -0.118 min

Lab File: VD077389.D

Acq: 24 Oct 2023 12:26

Tgt Ion: 117	Resp: 14864
Ion Ratio	Lower Upper
117	100
119	8.0 78.0 117.0#
121	0.0 24.2 36.2#

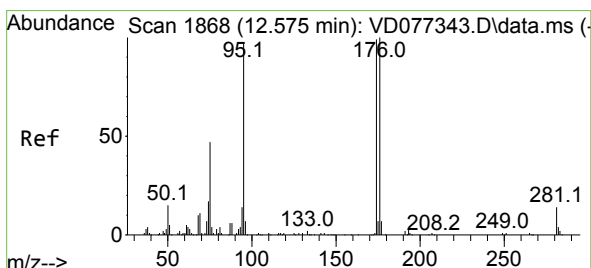
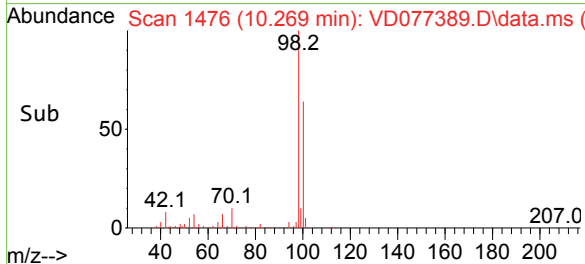
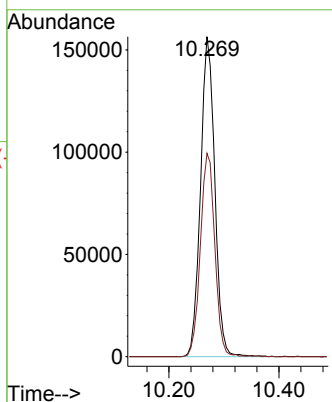
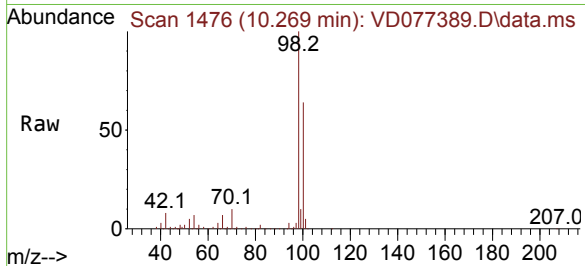




#50
Toluene-d8
Concen: 39.684 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077389.D
Acq: 24 Oct 2023 12:26

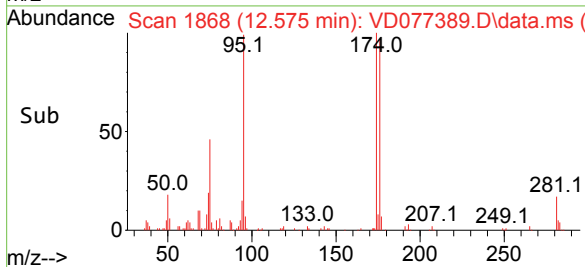
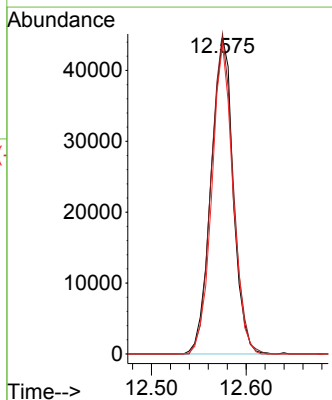
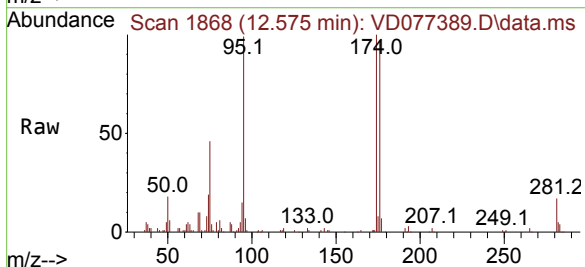
Instrument :
MSVOA_D
ClientSampleId :

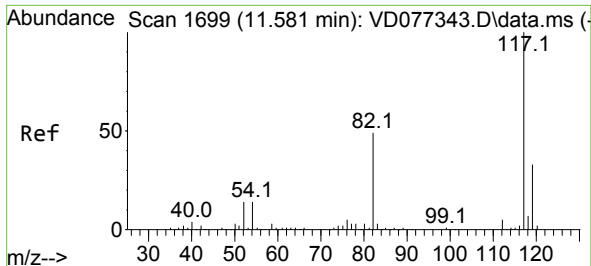
Tgt Ion: 98 Resp: 281571
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 35.413 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077389.D
Acq: 24 Oct 2023 12:26

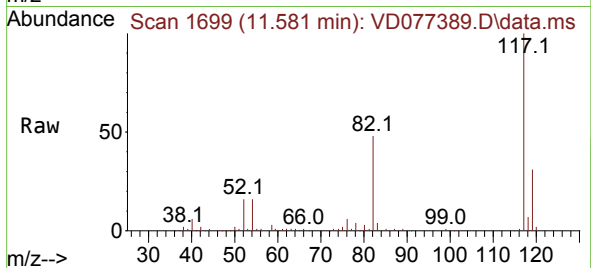
Tgt Ion: 95 Resp: 72330
Ion Ratio Lower Upper
95 100
174 100.6 0.0 201.8
176 93.4 0.0 191.8



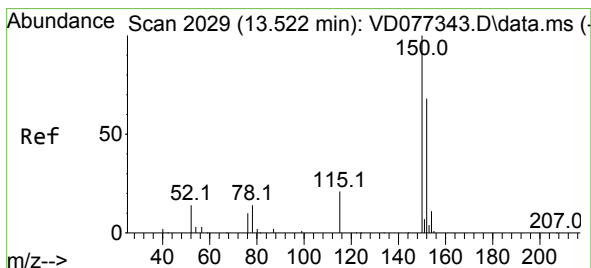
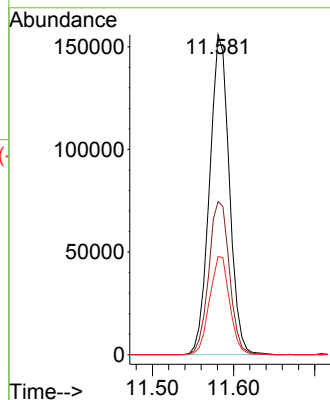
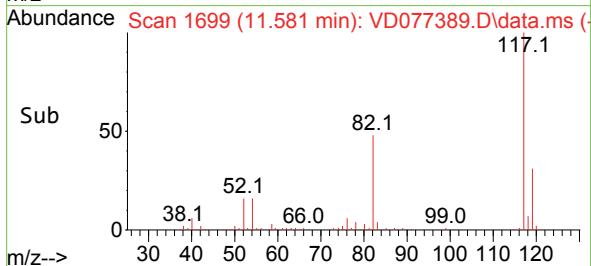


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077389.D
Acq: 24 Oct 2023 12:26

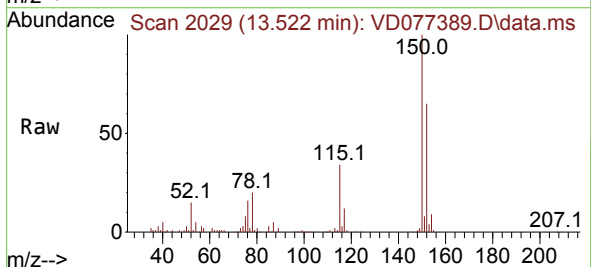
Instrument :
MSVOA_D
ClientSampleId :



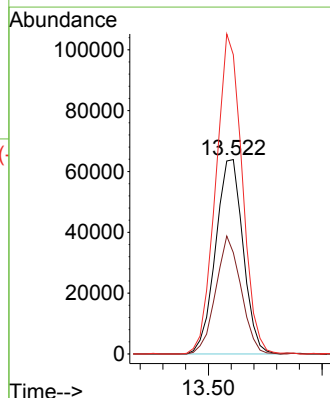
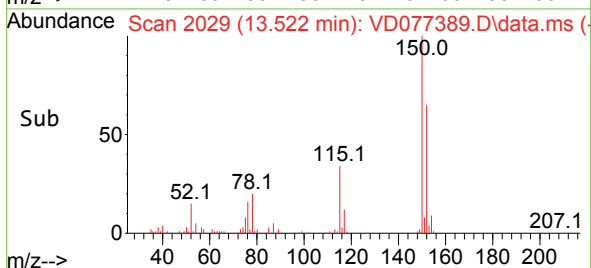
Tgt Ion:117 Resp: 263017
Ion Ratio Lower Upper
117 100
82 47.8 38.3 57.5
119 30.7 25.0 37.4

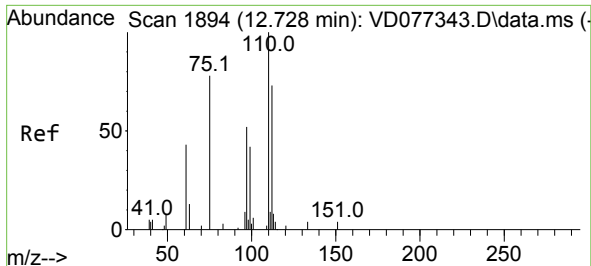


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD077389.D
Acq: 24 Oct 2023 12:26



Tgt Ion:152 Resp: 107577
Ion Ratio Lower Upper
152 100
115 55.7 27.1 81.3
150 158.1 0.0 353.6

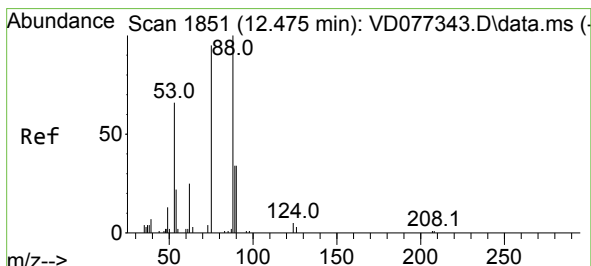
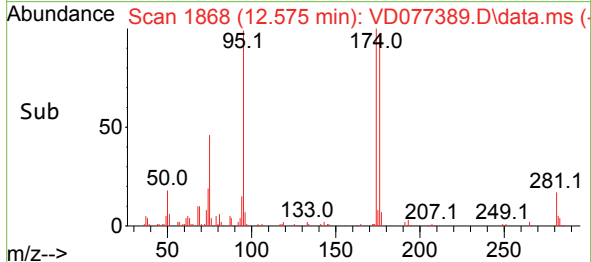
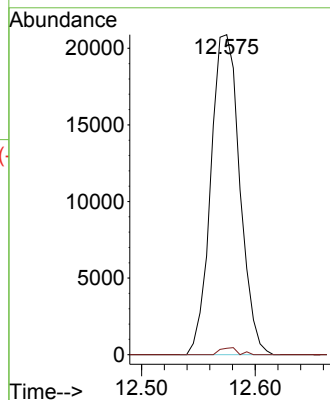
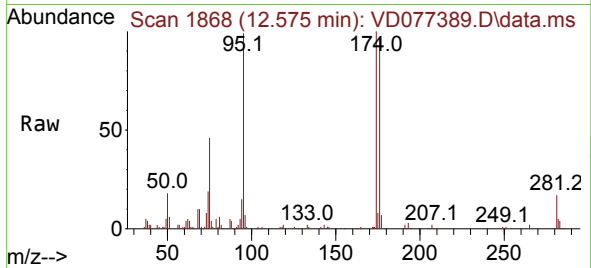




#76
1,2,3-Trichloropropane
Concen: 26.680 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD077389.D
Acq: 24 Oct 2023 12:26

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 36990
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.135 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD077389.D
Acq: 24 Oct 2023 12:26

Tgt Ion: 75 Resp: 36990
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.2 37.9 56.9#

