

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080048.D
 Acq On : 17 Nov 2024 18:01
 Operator : RP/MD
 Sample : P4824-01
 Misc : 5.05G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 04:26:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

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

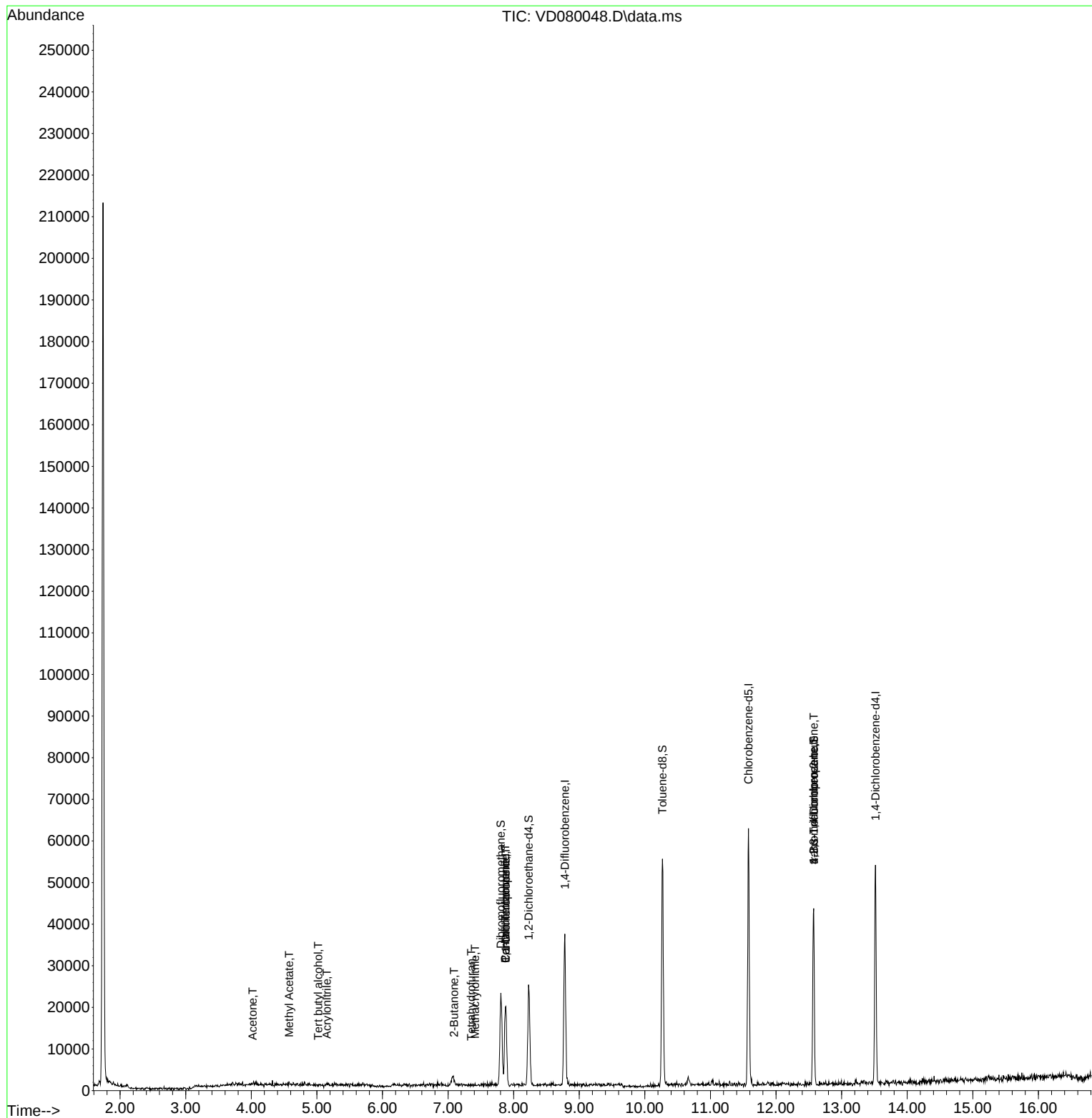
Internal Standards						
1) Pentafluorobenzene	7.875	168	16585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	32256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	35905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	14825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	19200	112.439	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 224.880%#	
35) Dibromofluoromethane	7.804	113	15442	71.932	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 143.860%	
50) Toluene-d8	10.269	98	41172	50.886	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.780%	
62) 4-Bromofluorobenzene	12.575	95	14013	52.788	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.022	59	57	6.414	ug/l #	82
15) Acrylonitrile	5.152	53	53	1.489	ug/l #	17
16) Acetone	4.022	43	246	6.640	ug/l #	43
18) Methyl Acetate	4.575	43	266	3.237	ug/l #	49
25) 2-Butanone	7.093	43	66	1.363	ug/l #	47
29) Tetrahydrofuran	7.351	42	60	2.262	ug/l #	32
36) 1,1-Dichloropropene	7.881	75	1389	4.732	ug/l #	40
38) Carbon Tetrachloride	7.875	117	1631	5.085	ug/l #	14
41) Methacrylonitrile	7.410	41	86	1.263	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	6740	51.487	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	6740	105.375	ug/l #	15

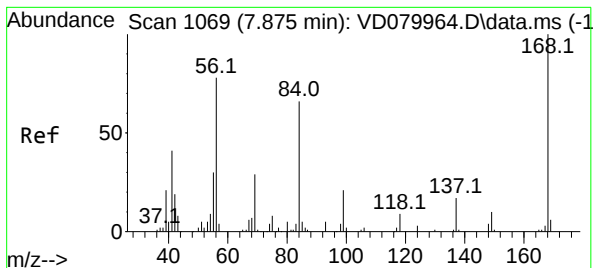
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:25:47 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: VD080048.D

Acq: 17 Nov 2024 18:01

Instrument :

MSVOA_D

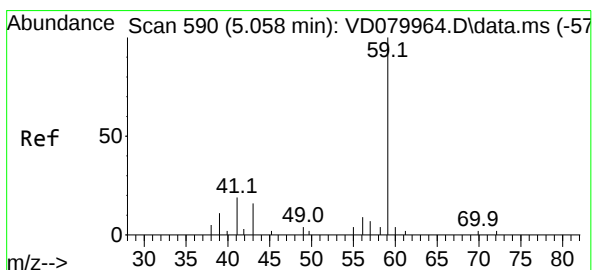
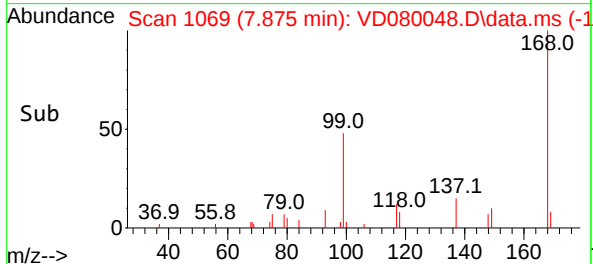
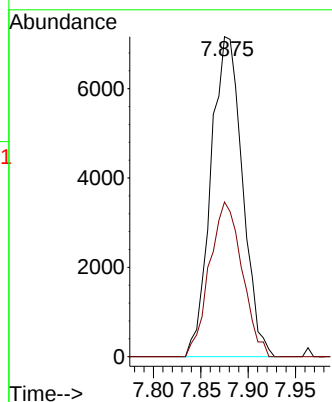
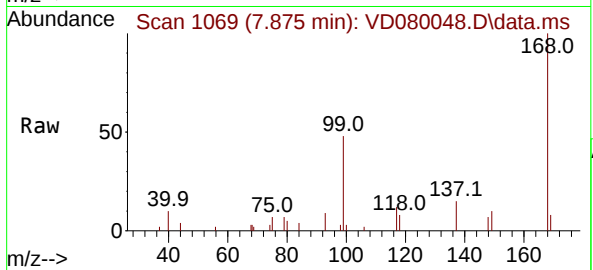
ClientSampleId :

Tgt Ion:168 Resp: 16585

Ion Ratio Lower Upper

168 100

99 48.3 46.0 69.0



#11

Tert butyl alcohol

Concen: 6.414 ug/l

RT: 5.022 min Scan# 584

Delta R.T. -0.036 min

Lab File: VD080048.D

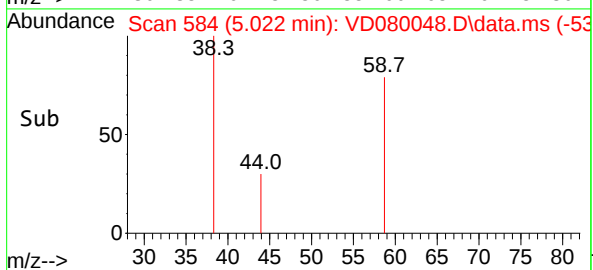
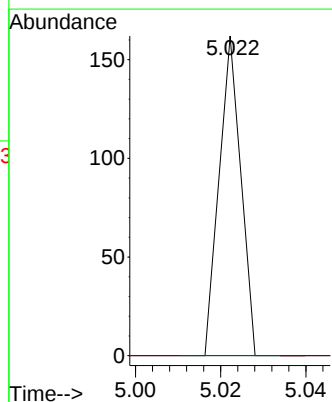
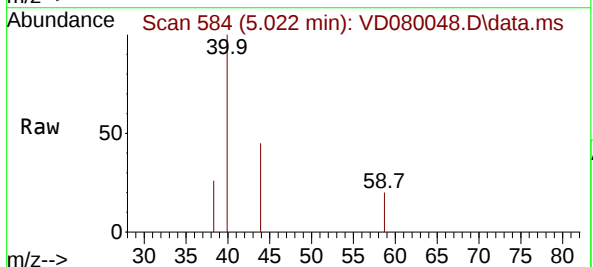
Acq: 17 Nov 2024 18:01

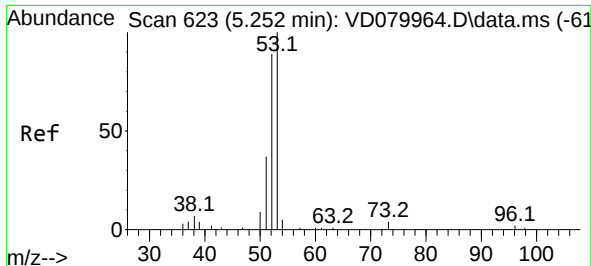
Tgt Ion: 59 Resp: 57

Ion Ratio Lower Upper

59 100

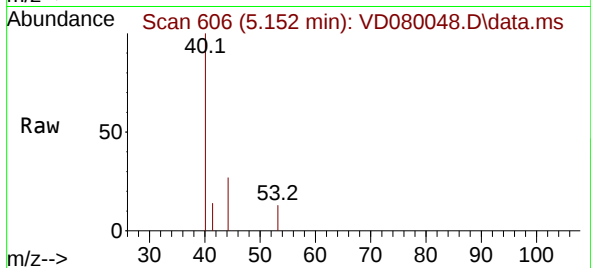
57 0.0 4.8 7.2#



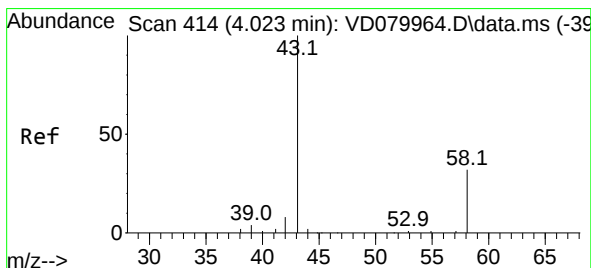
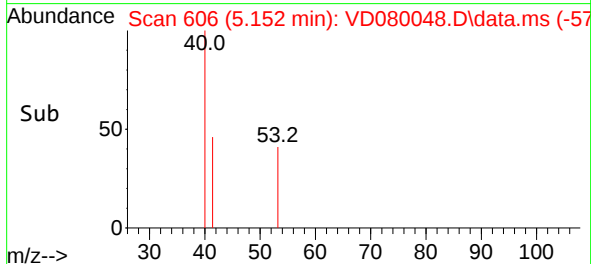
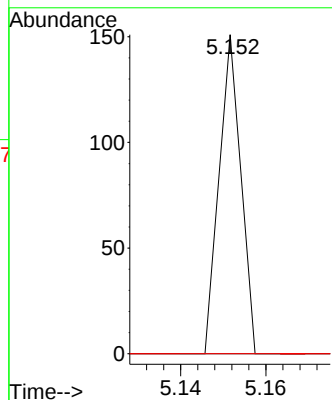


#15
Acrylonitrile
Concen: 1.489 ug/l
RT: 5.152 min Scan# 606
Delta R.T. -0.100 min
Lab File: VD080048.D
Acq: 17 Nov 2024 18:01

Instrument :
MSVOA_D
ClientSampleId :

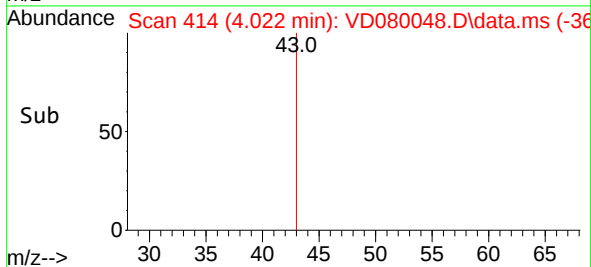
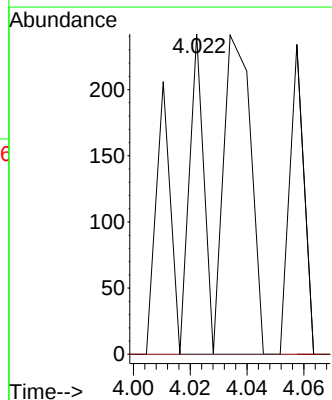
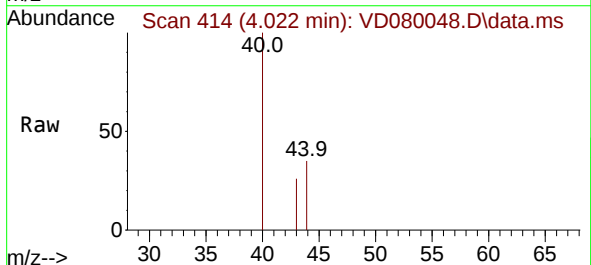


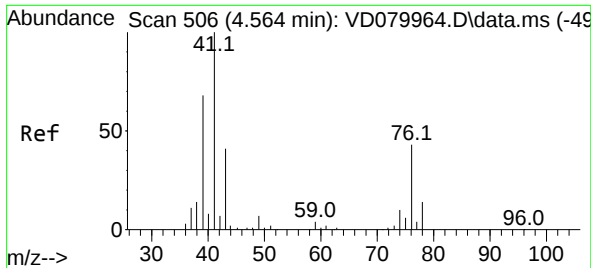
Tgt Ion: 53 Resp: 53
Ion Ratio Lower Upper
53 100
52 0.0 66.2 99.4#
51 0.0 30.3 45.5#



#16
Acetone
Concen: 6.640 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD080048.D
Acq: 17 Nov 2024 18:01

Tgt Ion: 43 Resp: 246
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.2#

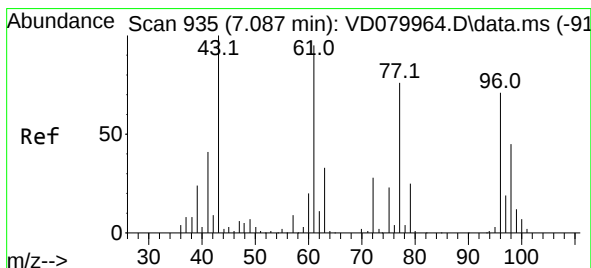
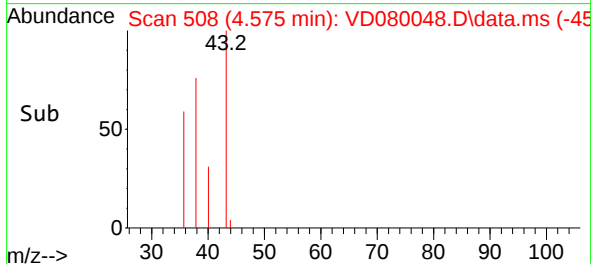
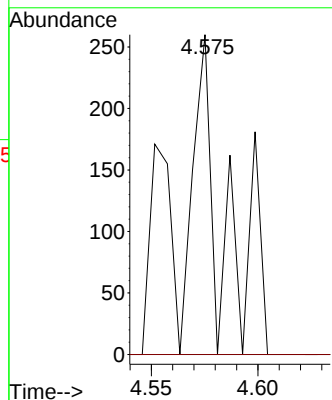
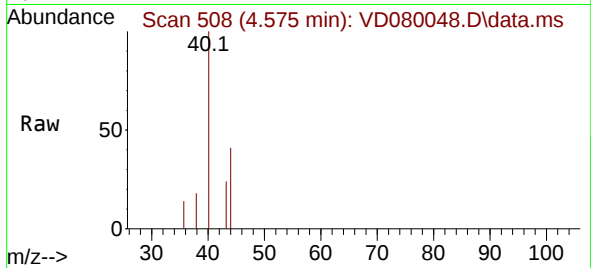




#18
Methyl Acetate
Concen: 3.237 ug/l
RT: 4.575 min Scan# 506
Delta R.T. 0.011 min
Lab File: VD080048.D
Acq: 17 Nov 2024 18:01

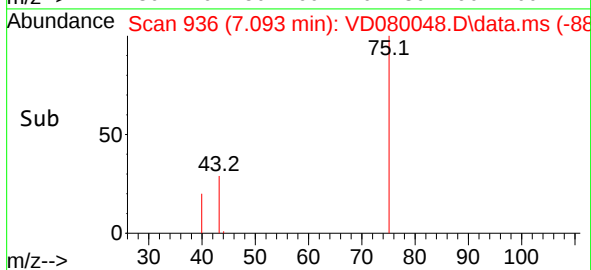
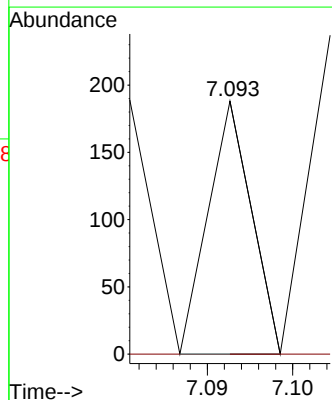
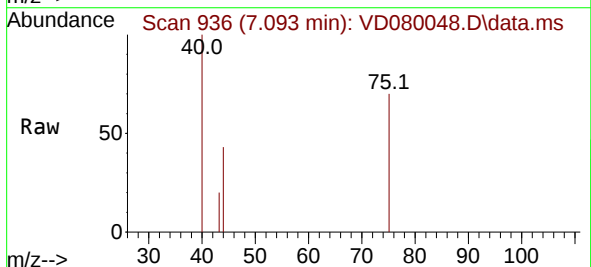
Instrument :
MSVOA_D
ClientSampleId :

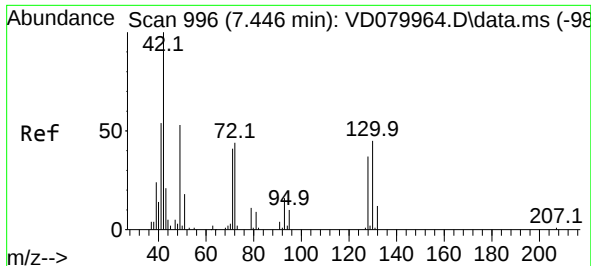
Tgt Ion: 43 Resp: 266
Ion Ratio Lower Upper
43 100
74 0.0 20.5 30.7#



#25
2-Butanone
Concen: 1.363 ug/l
RT: 7.093 min Scan# 936
Delta R.T. 0.006 min
Lab File: VD080048.D
Acq: 17 Nov 2024 18:01

Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#





#29

Tetrahydrofuran

Concen: 2.262 ug/l

RT: 7.351 min Scan# 91

Delta R.T. -0.095 min

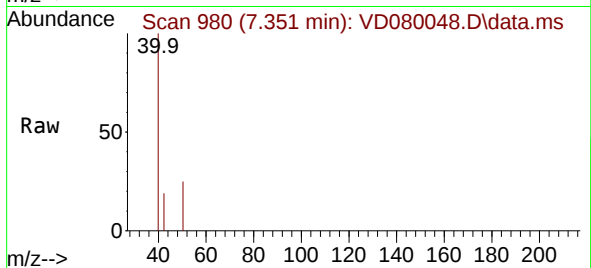
Lab File: VD080048.D

Acq: 17 Nov 2024 18:01

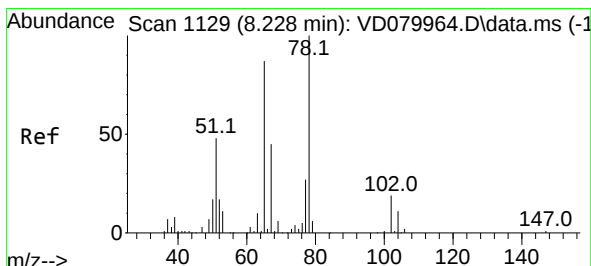
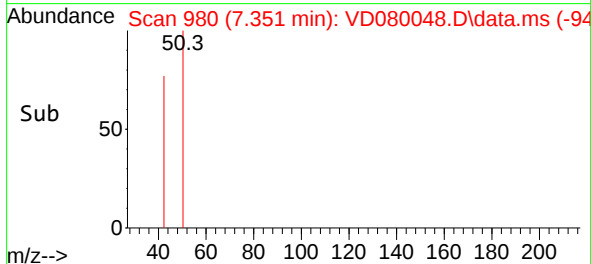
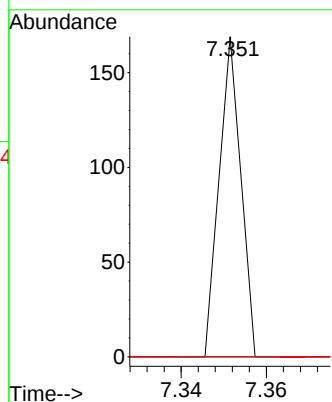
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	60
Ion Ratio	Lower	Upper	
42	100		
72	0.0	36.7	55.1#
71	0.0	34.4	51.6#



#33

1,2-Dichloroethane-d4

Concen: 112.439 ug/l

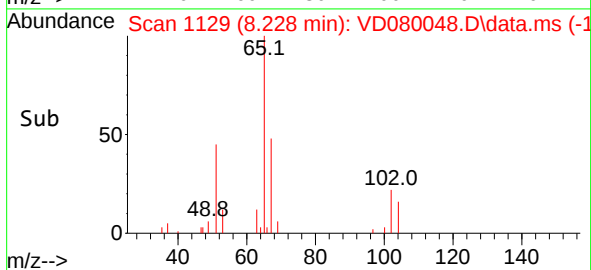
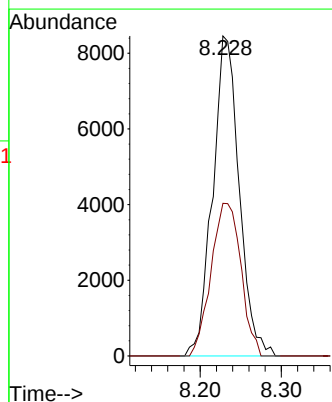
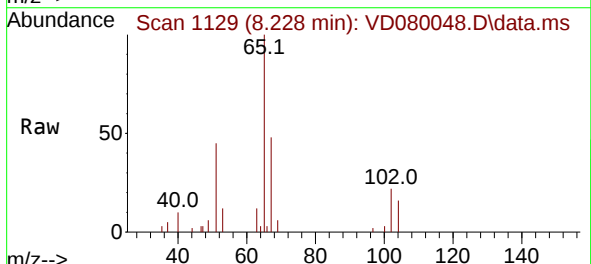
RT: 8.228 min Scan# 1129

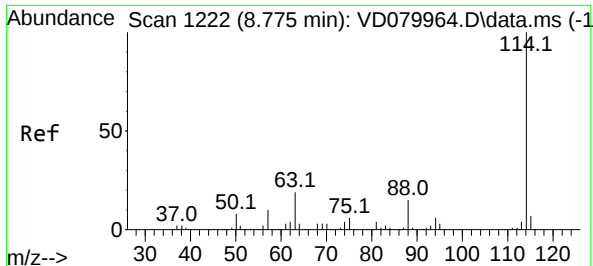
Delta R.T. -0.000 min

Lab File: VD080048.D

Acq: 17 Nov 2024 18:01

Tgt Ion:	65	Resp:	19200
Ion Ratio	Lower	Upper	
65	100		
67	53.6	0.0	109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD080048.D

Acq: 17 Nov 2024 18:01

Instrument :

MSVOA_D

ClientSampleId :

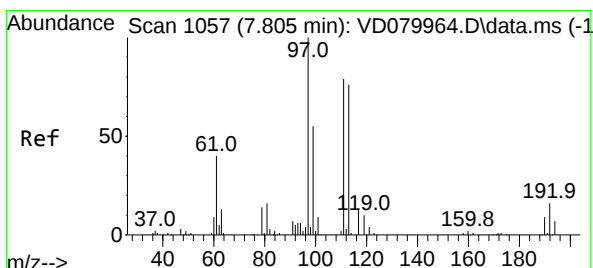
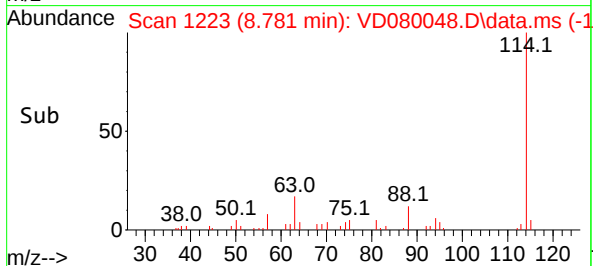
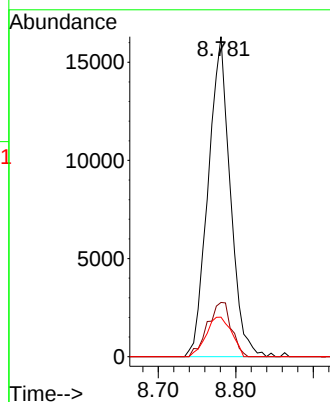
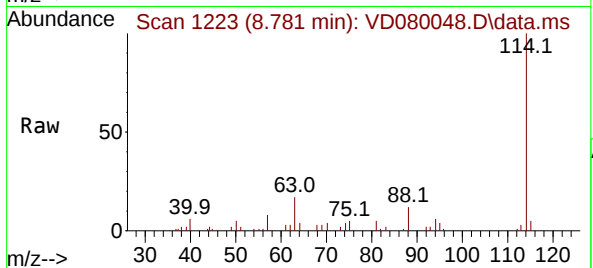
Tgt Ion:114 Resp: 32256

Ion Ratio Lower Upper

114 100

63 17.0 0.0 38.8

88 12.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 71.932 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD080048.D

Acq: 17 Nov 2024 18:01

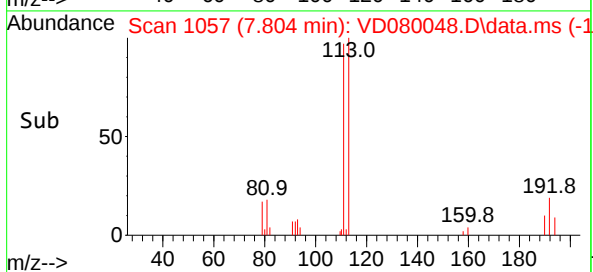
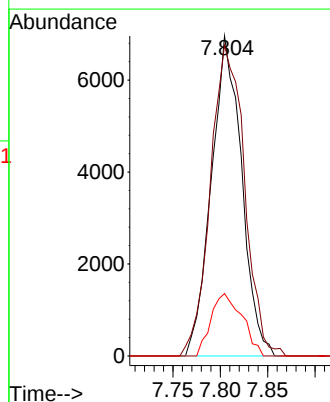
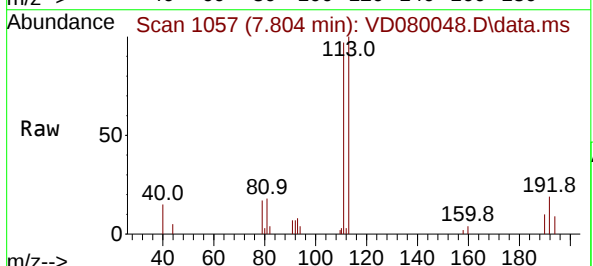
Tgt Ion:113 Resp: 15442

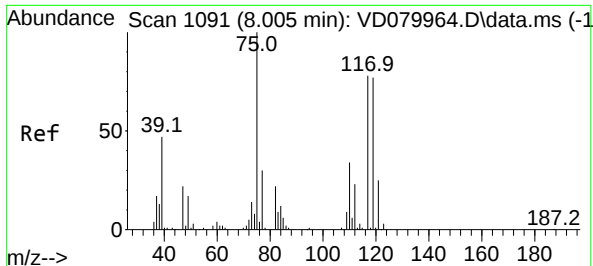
Ion Ratio Lower Upper

113 100

111 109.1 82.5 123.7

192 20.1 16.6 25.0





#36

1,1-Dichloropropene

Concen: 4.732 ug/l

RT: 7.881 min Scan# 1091

Delta R.T. -0.124 min

Lab File: VD080048.D

Acq: 17 Nov 2024 18:01

Instrument :

MSVOA_D

ClientSampleId :

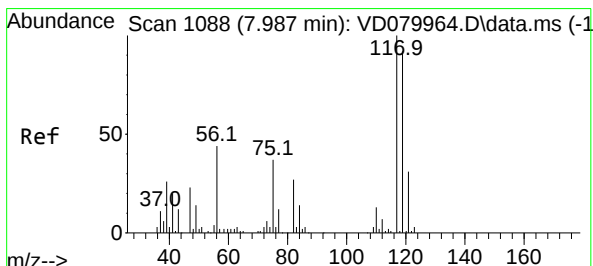
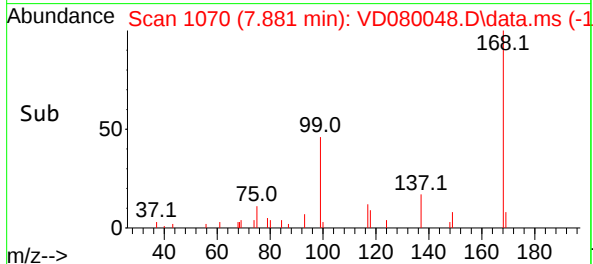
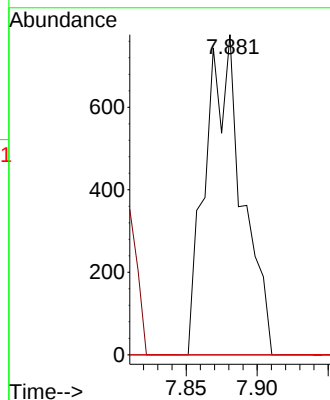
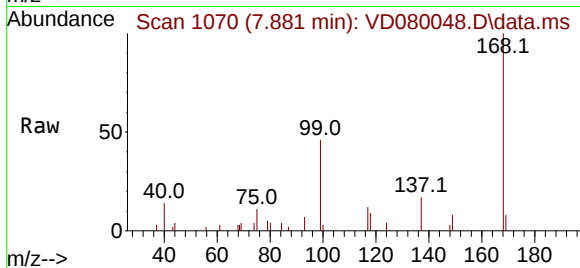
Tgt Ion: 75 Resp: 1389

Ion Ratio Lower Upper

75 100

110 0.0 18.4 55.0#

77 0.0 25.6 38.4#



#38

Carbon Tetrachloride

Concen: 5.085 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD080048.D

Acq: 17 Nov 2024 18:01

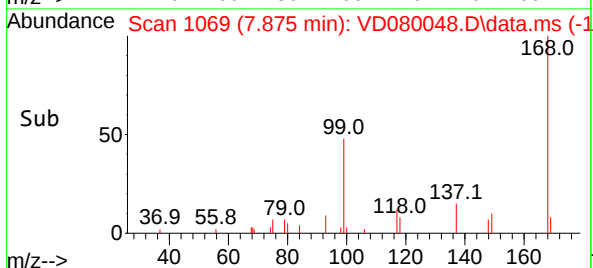
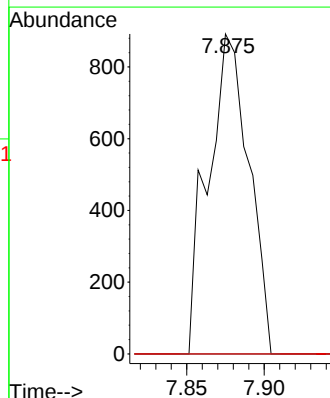
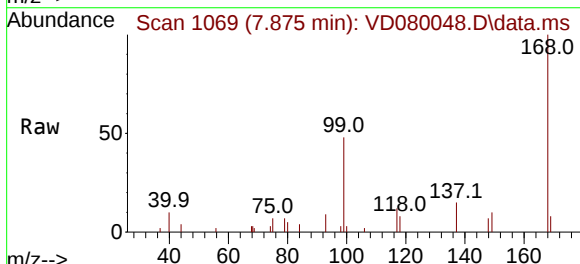
Tgt Ion: 117 Resp: 1631

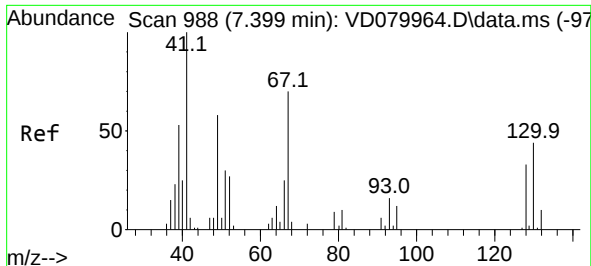
Ion Ratio Lower Upper

117 100

119 0.0 73.4 110.0#

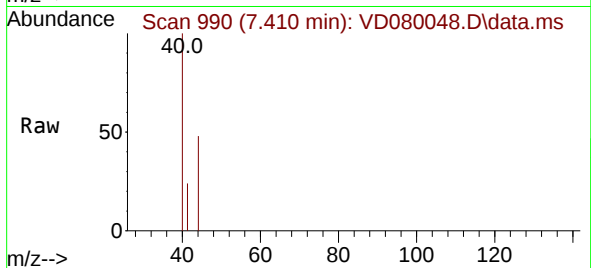
121 0.0 24.5 36.7#



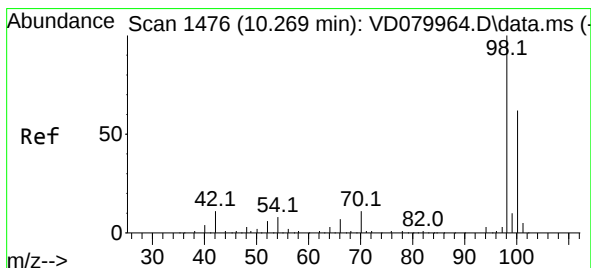
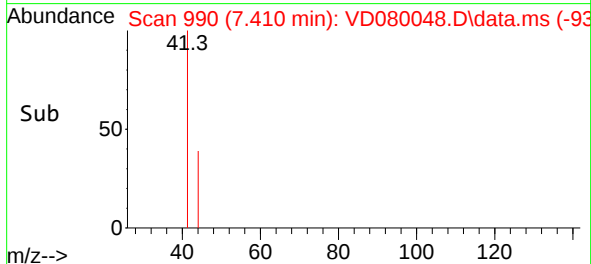
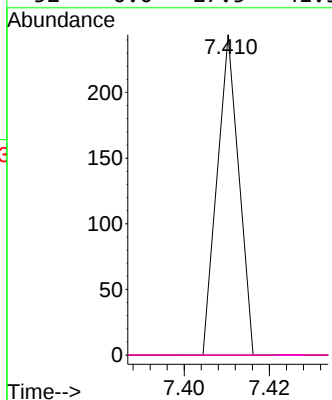


#41
Methacrylonitrile
Concen: 1.263 ug/l
RT: 7.410 min Scan# 990
Delta R.T. 0.011 min
Lab File: VD080048.D
Acq: 17 Nov 2024 18:01

Instrument :
MSVOA_D
ClientSampleId :

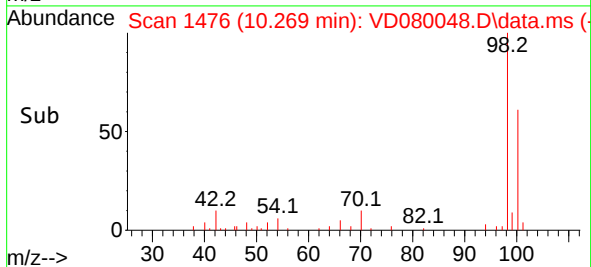
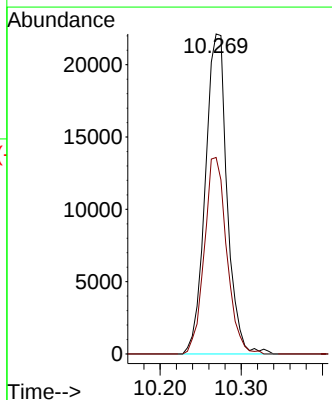
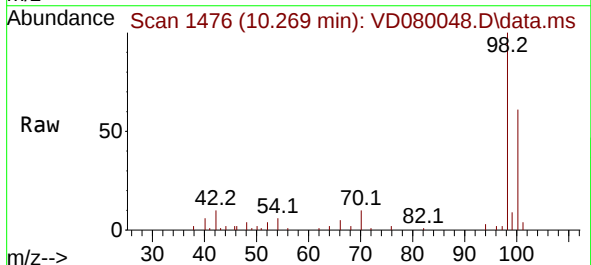


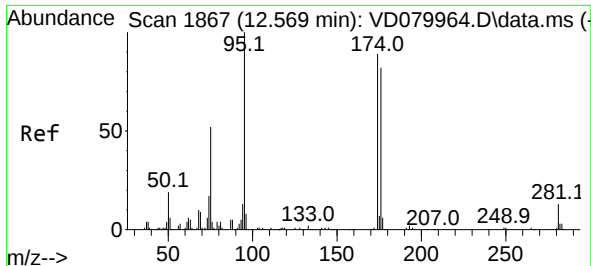
Tgt Ion:	41	Resp:	86
Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.8	71.8#
67	0.0	64.9	97.3#
52	0.0	27.5	41.3#



#50
Toluene-d8
Concen: 50.886 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD080048.D
Acq: 17 Nov 2024 18:01

Tgt Ion:	98	Resp:	41172
Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.2	75.4

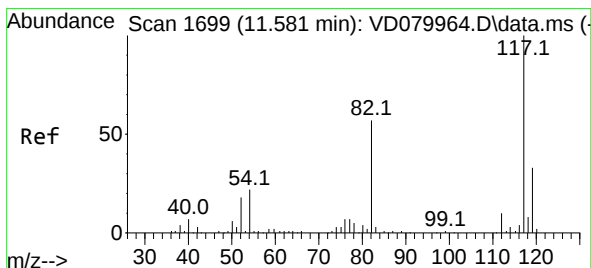
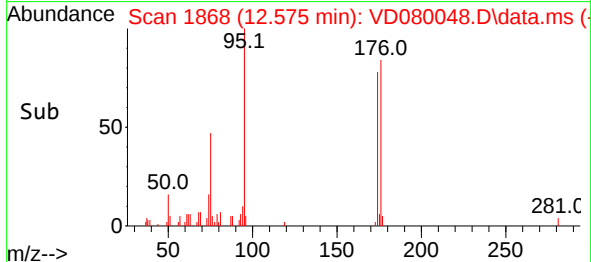
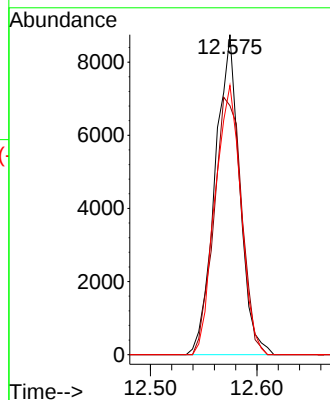
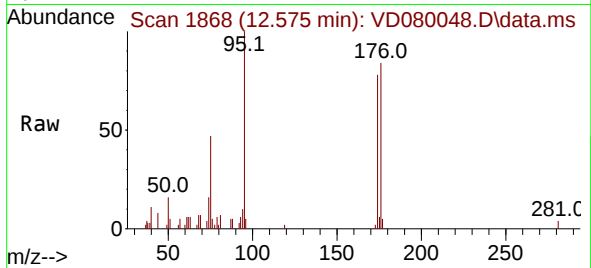




#62
4-Bromofluorobenzene
Concen: 52.788 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD080048.D
Acq: 17 Nov 2024 18:01

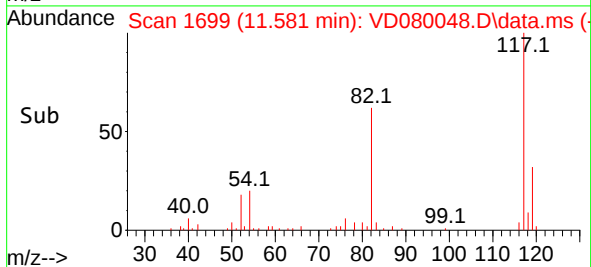
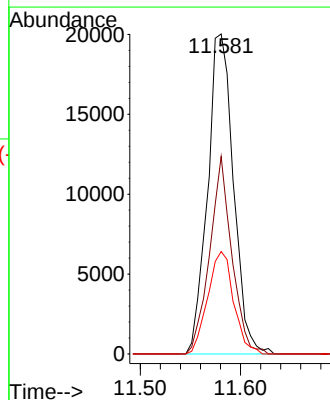
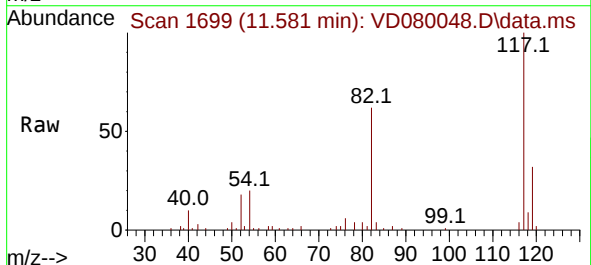
Instrument :
MSVOA_D
ClientSampleId :

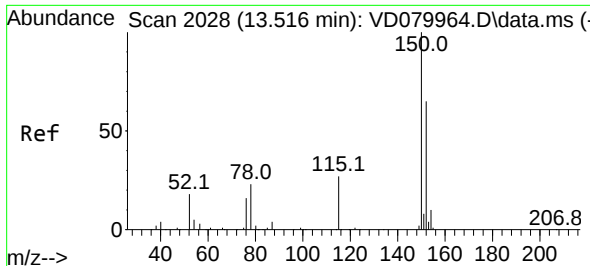
Tgt Ion: 95 Resp: 14013
Ion Ratio Lower Upper
95 100
174 91.1 0.0 173.4
176 88.9 0.0 166.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080048.D
Acq: 17 Nov 2024 18:01

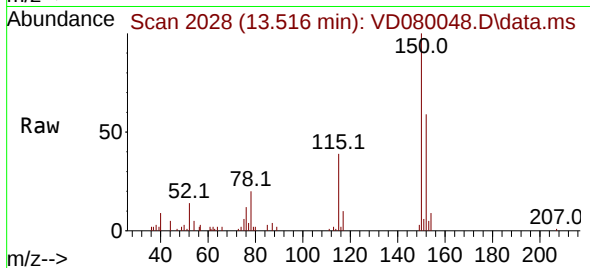
Tgt Ion: 117 Resp: 35905
Ion Ratio Lower Upper
117 100
82 61.7 45.8 68.6
119 32.0 26.2 39.2



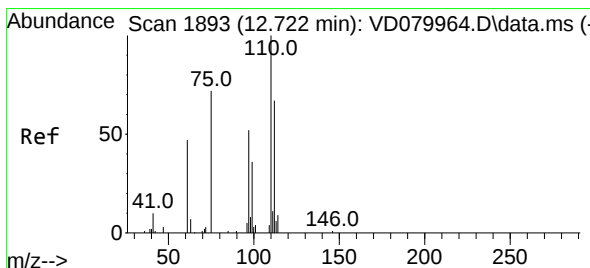
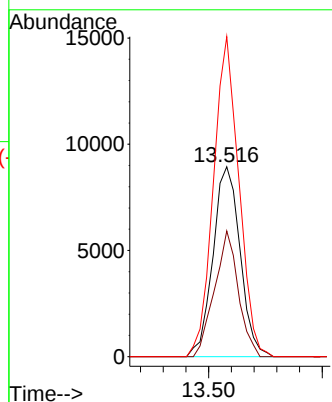
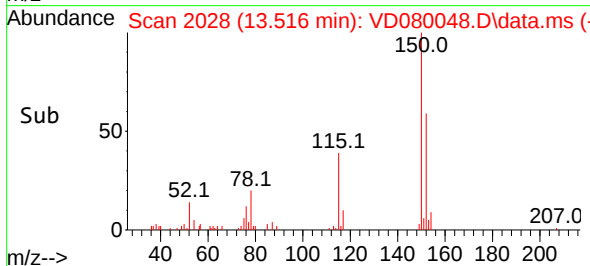


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD080048.D
 Acq: 17 Nov 2024 18:01

Instrument :
 MSVOA_D
 ClientSampleId :

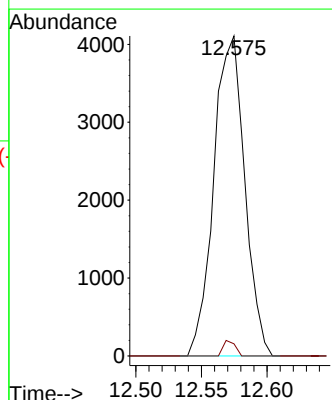
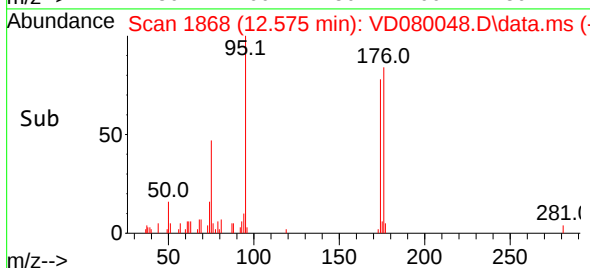
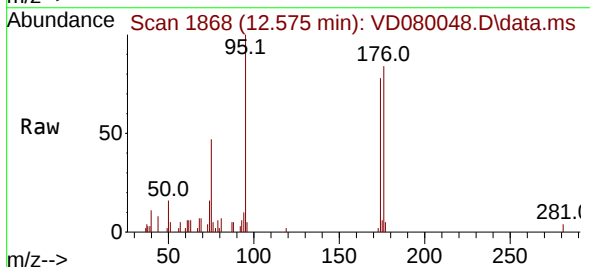


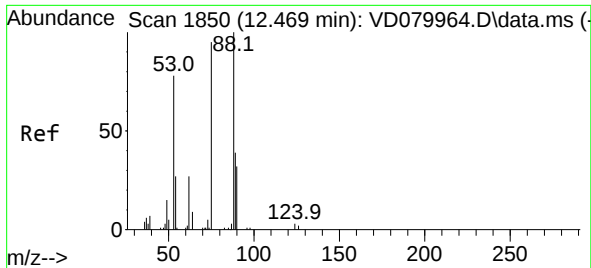
Tgt Ion:152 Resp: 14825
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.9 86.8
 150 158.1 0.0 354.8



#76
 1,2,3-Trichloropropane
 Concen: 51.487 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD080048.D
 Acq: 17 Nov 2024 18:01

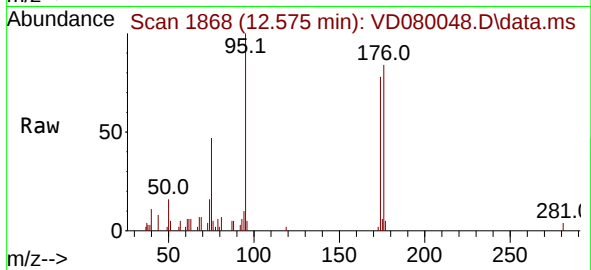
Tgt Ion: 75 Resp: 6740
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 105.375 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD080048.D
Acq: 17 Nov 2024 18:01

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 6740
Ion Ratio Lower Upper
75 100
53 0.0 68.7 103.1#
89 0.0 36.1 54.1#

