

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090524\
 Data File : VD079787.D
 Acq On : 05 Sep 2024 16:03
 Operator : RP/MD
 Sample : P3826-01
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 06 01:38:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

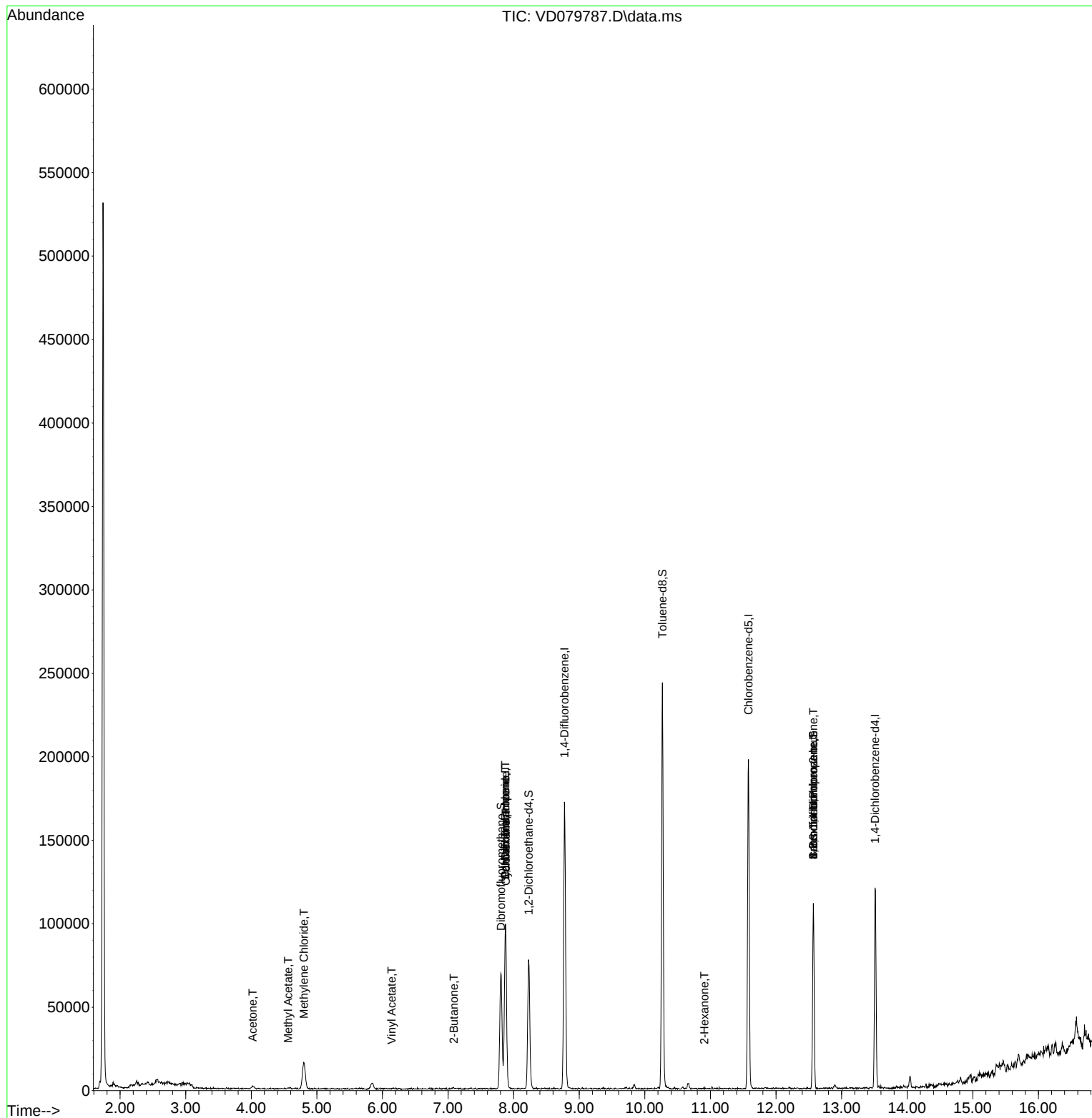
Internal Standards						
1) Pentafluorobenzene	7.875	168	67400	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	146493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	109414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	30454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60279	65.593	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.180%	
35) Dibromofluoromethane	7.810	113	50265	52.788	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.580%	
50) Toluene-d8	10.269	98	165271	40.470	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 80.940%	
62) 4-Bromofluorobenzene	12.569	95	33707	29.499	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 59.000%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	2480	13.004	ug/l	# 85
18) Methyl Acetate	4.563	43	811	1.484	ug/l	# 40
20) Methylene Chloride	4.804	84	12258	8.541	ug/l	# 73
23) Vinyl Acetate	6.140	43	76	2.560	ug/l	# 63
25) 2-Butanone	7.087	43	386	1.517	ug/l	# 42
31) Cyclohexane	7.881	56	2085	1.357	ug/l	# 45
36) 1,1-Dichloropropene	7.875	75	6962	4.933	ug/l	# 43
38) Carbon Tetrachloride	7.875	117	8804	5.849	ug/l	# 17
58) 2-Chloroethyl Vinyl ether	9.869	63	53	Below Cal	#	42
59) 2-Hexanone	10.910	43	142	20.511	ug/l	# 19
71) Bromoform	12.569	173	533	1.333	ug/l	# 1
76) 1,2,3-Trichloropropane	12.569	75	18469	70.956	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	18469	118.347	ug/l	# 19

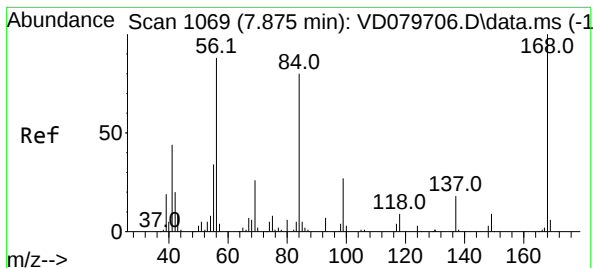
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079787.D

Acq: 05 Sep 2024 16:03

Instrument :

MSVOA_D

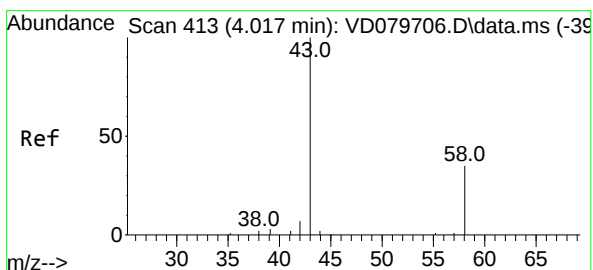
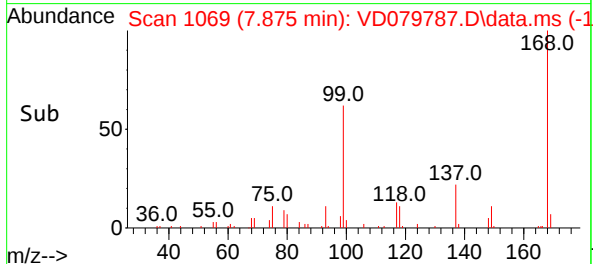
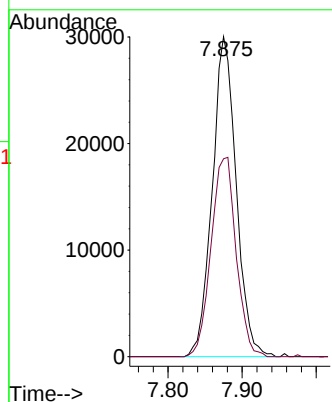
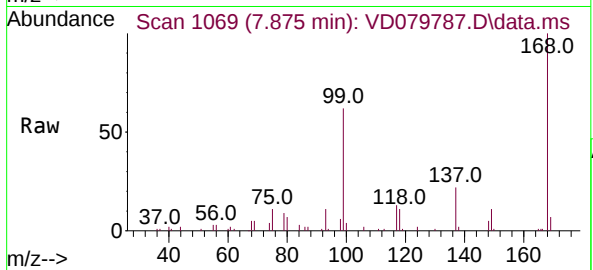
ClientSampleId :

Tgt Ion:168 Resp: 67400

Ion Ratio Lower Upper

168 100

99 61.9 41.1 61.7#



#16

Acetone

Concen: 13.004 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.005 min

Lab File: VD079787.D

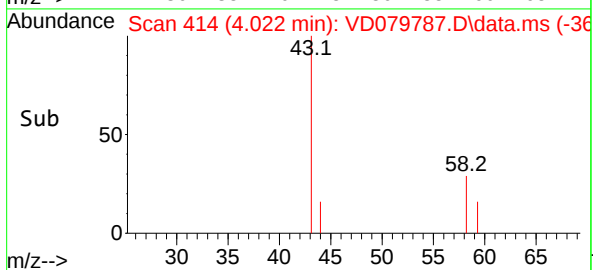
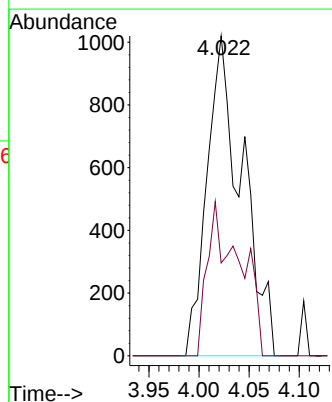
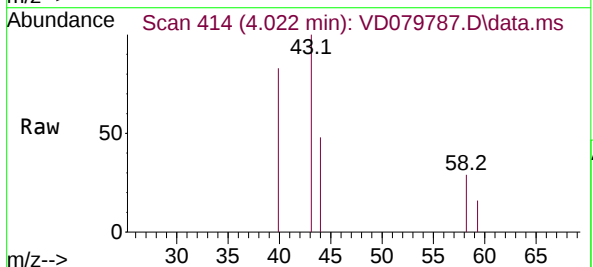
Acq: 05 Sep 2024 16:03

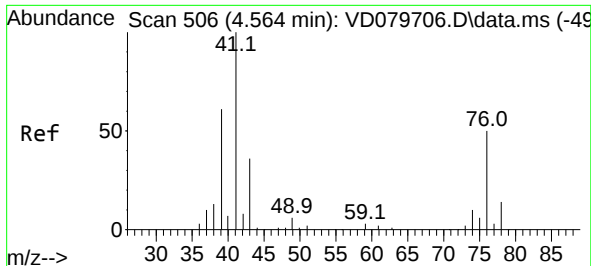
Tgt Ion: 43 Resp: 2480

Ion Ratio Lower Upper

43 100

58 29.0 30.4 45.6#

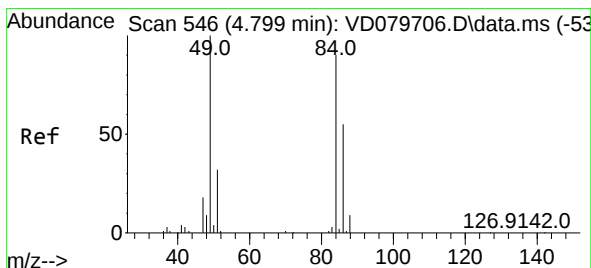
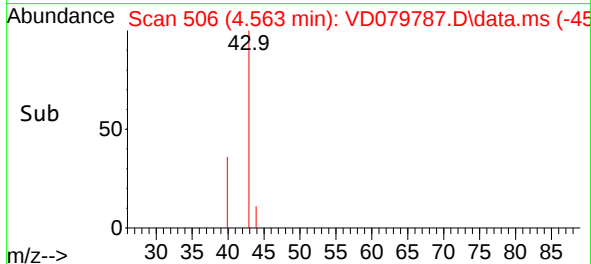
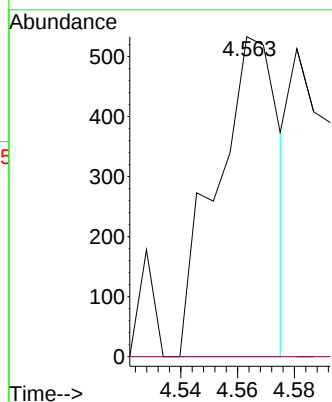
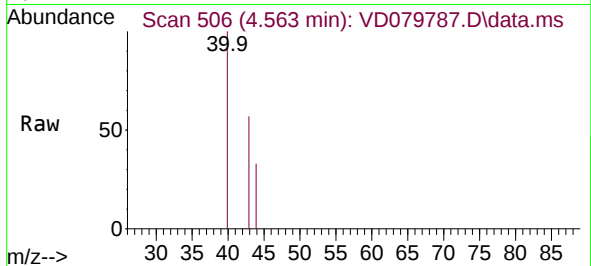




#18
Methyl Acetate
Concen: 1.484 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079787.D
Acq: 05 Sep 2024 16:03

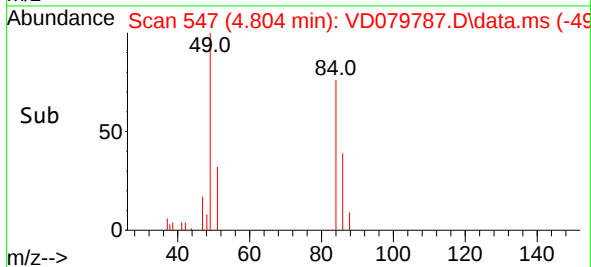
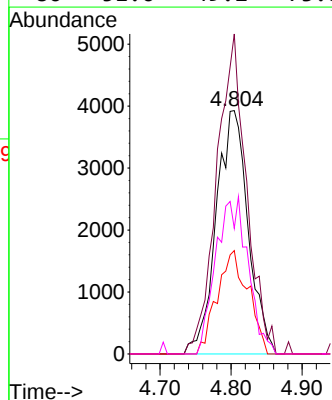
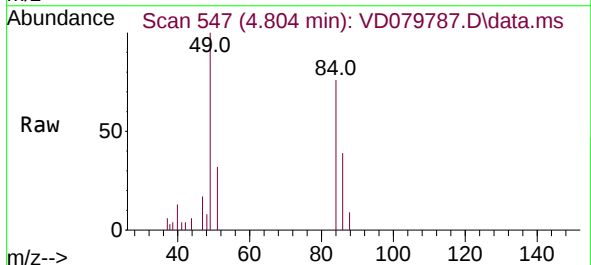
Instrument :
MSVOA_D
ClientSampleId :

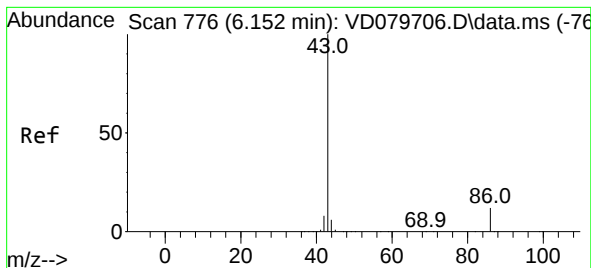
Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
74 0.0 28.1 42.1#



#20
Methylene Chloride
Concen: 8.541 ug/l
RT: 4.804 min Scan# 547
Delta R.T. 0.005 min
Lab File: VD079787.D
Acq: 05 Sep 2024 16:03

Tgt Ion: 84 Resp: 12258
Ion Ratio Lower Upper
84 100
49 131.5 75.6 113.4#
51 42.5 24.2 36.2#
86 51.6 49.2 73.8





#23

Vinyl Acetate

Concen: 2.560 ug/l

RT: 6.140 min Scan# 71

Delta R.T. -0.012 min

Lab File: VD079787.D

Acq: 05 Sep 2024 16:03

Instrument :

MSVOA_D

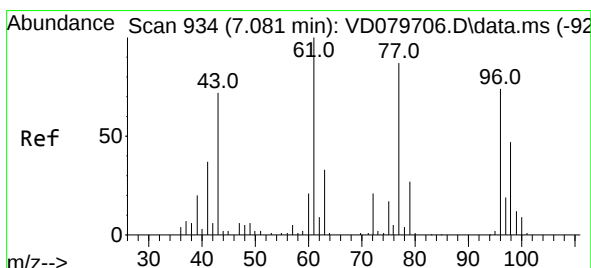
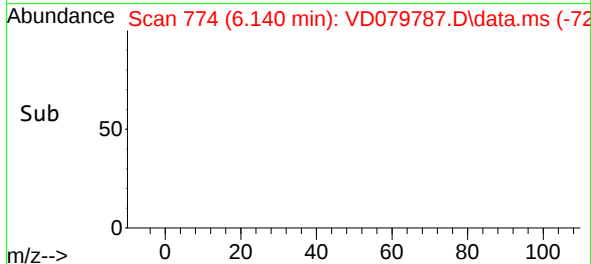
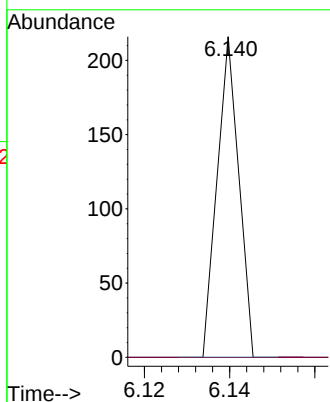
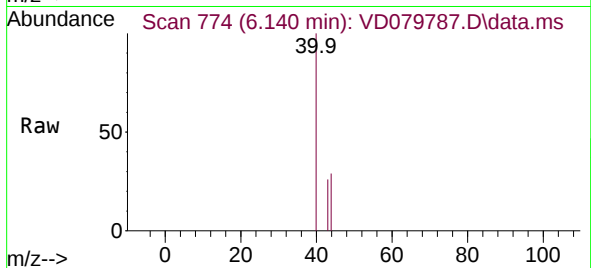
ClientSampleId :

Tgt Ion: 43 Resp: 76

Ion Ratio Lower Upper

43 100

86 0.0 12.3 18.5#



#25

2-Butanone

Concen: 1.517 ug/l

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD079787.D

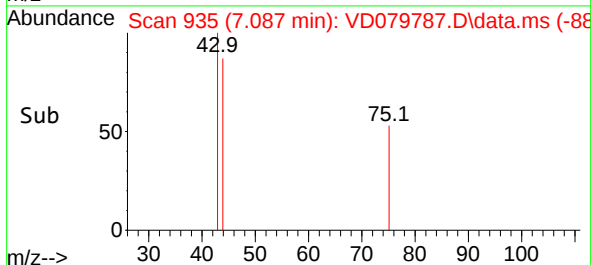
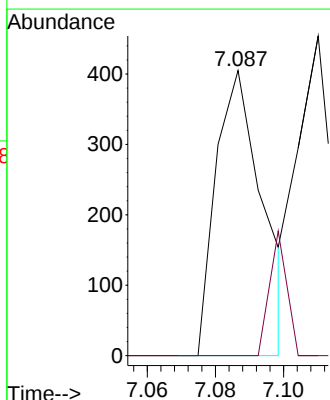
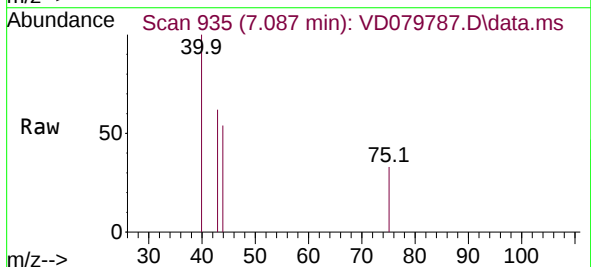
Acq: 05 Sep 2024 16:03

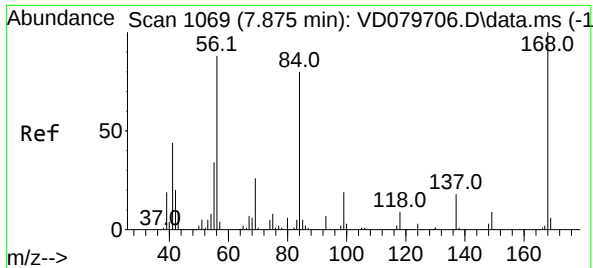
Tgt Ion: 43 Resp: 386

Ion Ratio Lower Upper

43 100

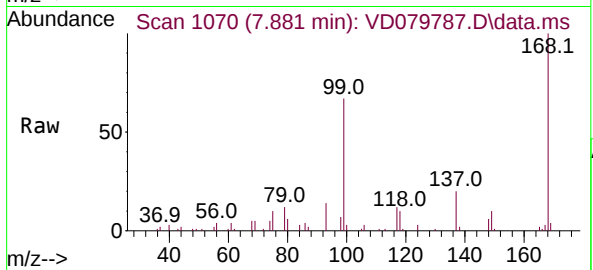
72 0.0 26.4 39.6#



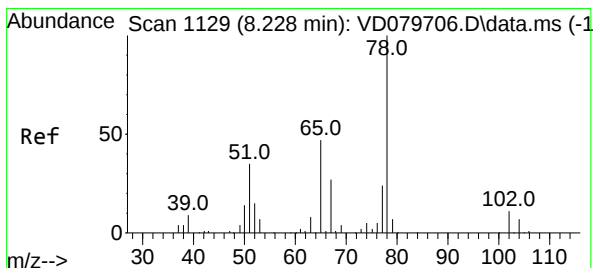
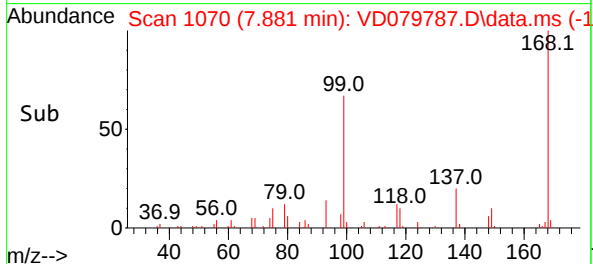
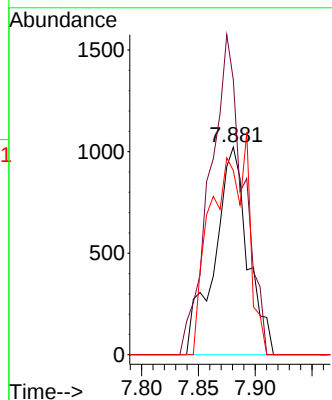


#31
Cyclohexane
Concen: 1.357 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD079787.D
Acq: 05 Sep 2024 16:03

Instrument :
MSVOA_D
ClientSampleId :

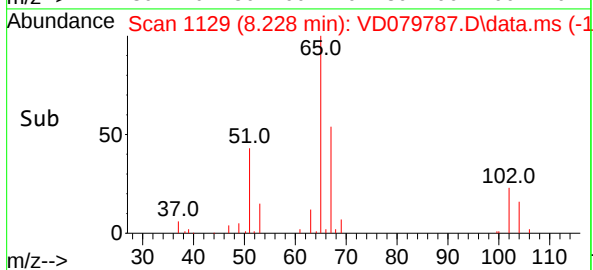
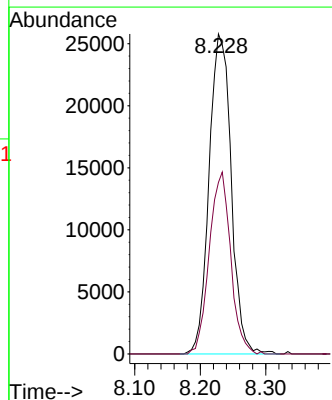
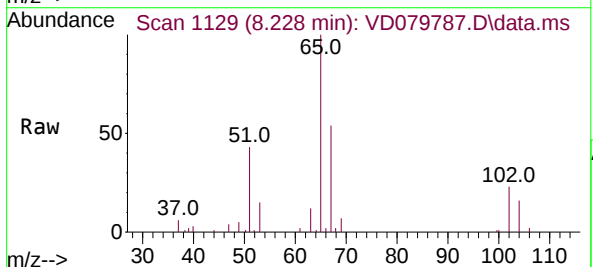


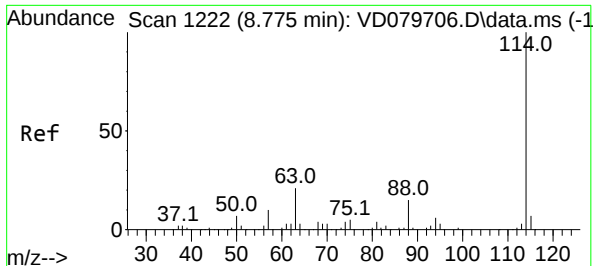
Tgt Ion: 56 Resp: 2085
Ion Ratio Lower Upper
56 100
69 132.5 28.0 42.0#
84 88.7 87.4 131.0



#33
1,2-Dichloroethane-d4
Concen: 65.593 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079787.D
Acq: 05 Sep 2024 16:03

Tgt Ion: 65 Resp: 60279
Ion Ratio Lower Upper
65 100
67 55.0 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079787.D

Acq: 05 Sep 2024 16:03

Instrument :

MSVOA_D

ClientSampleId :

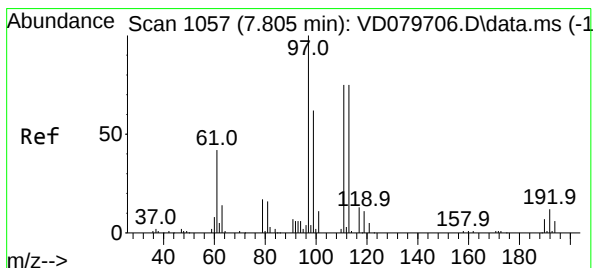
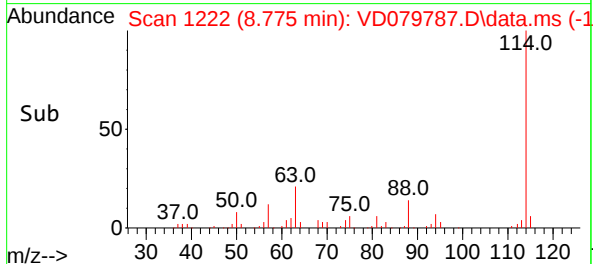
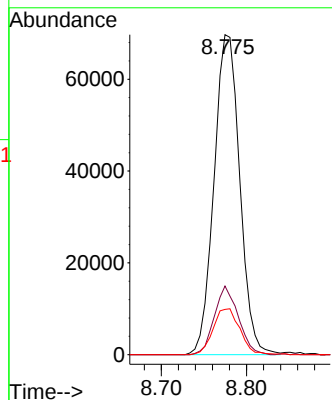
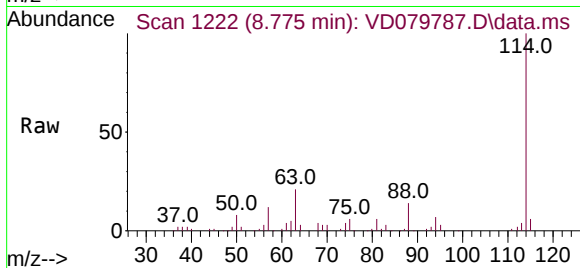
Tgt Ion:114 Resp: 146493

Ion Ratio Lower Upper

114 100

63 21.5 0.0 34.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.788 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD079787.D

Acq: 05 Sep 2024 16:03

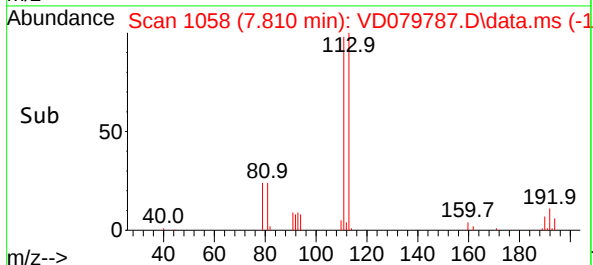
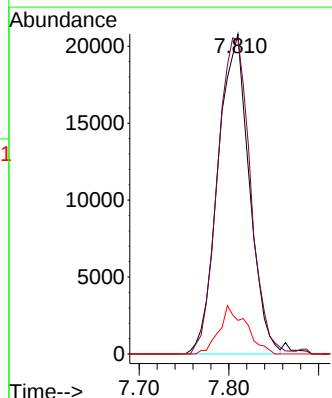
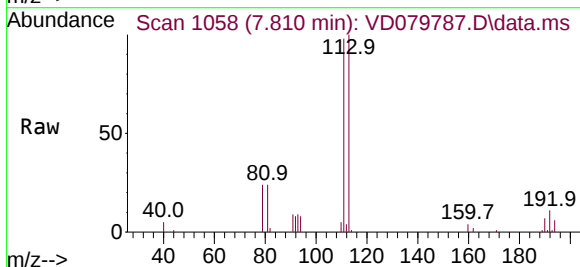
Tgt Ion:113 Resp: 50265

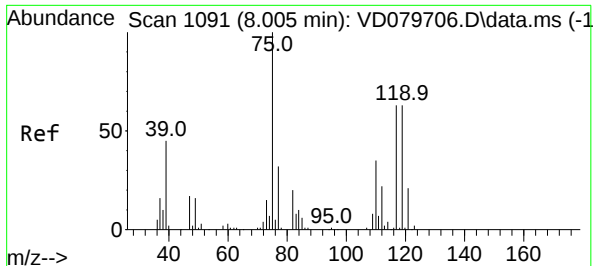
Ion Ratio Lower Upper

113 100

111 103.8 84.0 126.0

192 13.0 15.4 23.0#





#36

1,1-Dichloropropene

Concen: 4.933 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD079787.D

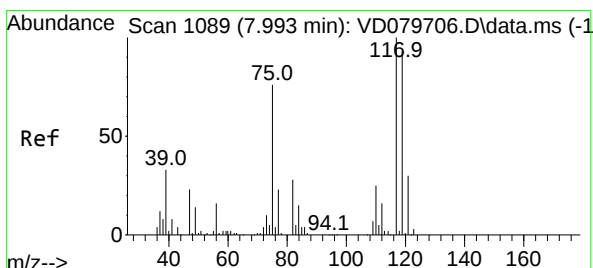
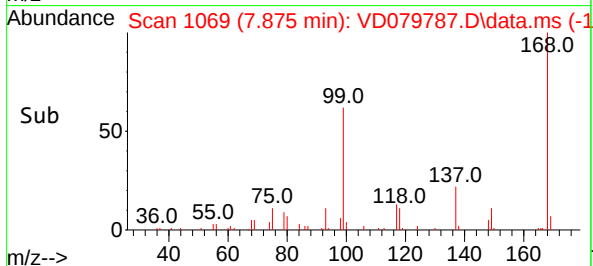
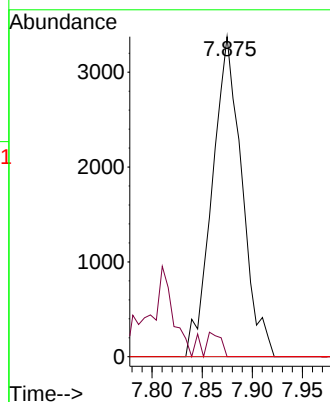
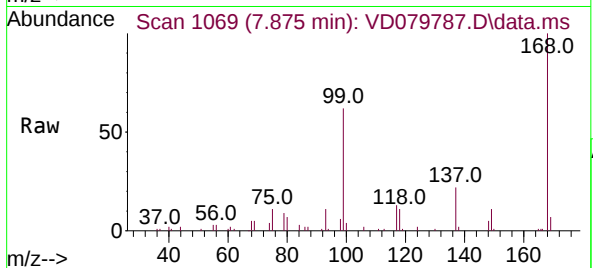
Acq: 05 Sep 2024 16:03

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 75	Resp: 6962
Ion Ratio	Lower Upper
75 100	
110 4.7	19.6 58.7#
77 0.0	26.1 39.1#



#38

Carbon Tetrachloride

Concen: 5.849 ug/l

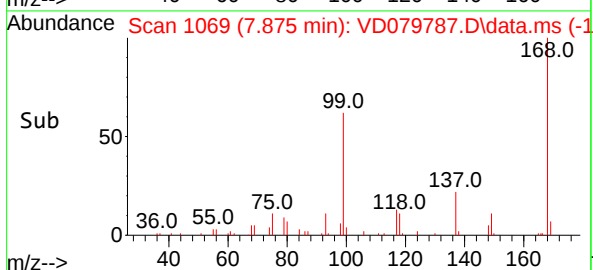
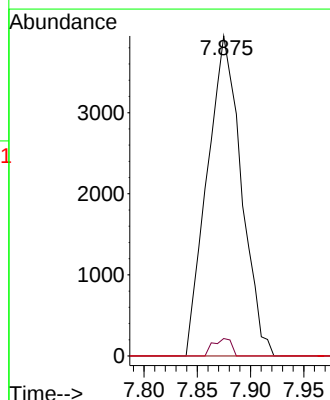
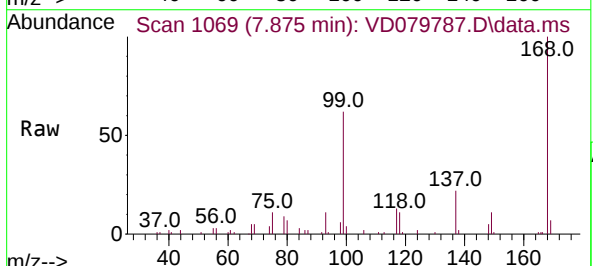
RT: 7.875 min Scan# 1069

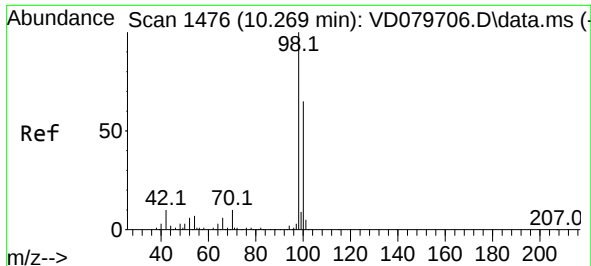
Delta R.T. -0.118 min

Lab File: VD079787.D

Acq: 05 Sep 2024 16:03

Tgt Ion: 117	Resp: 8804
Ion Ratio	Lower Upper
117 100	
119 5.4	75.4 113.0#
121 0.0	25.0 37.4#

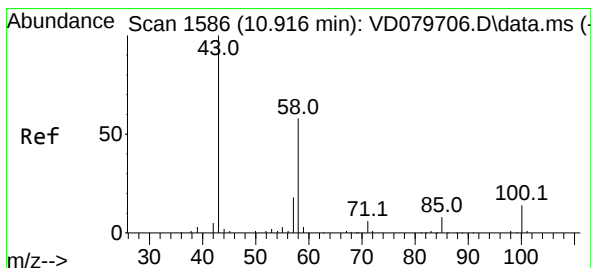
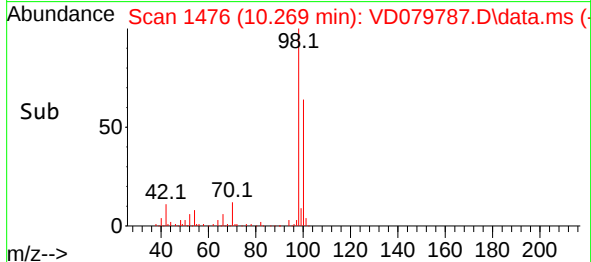
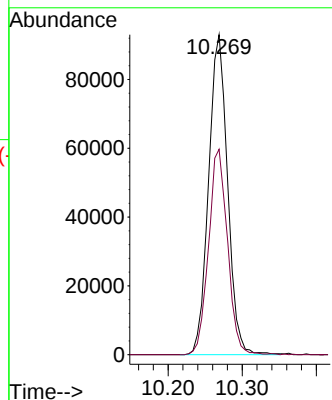
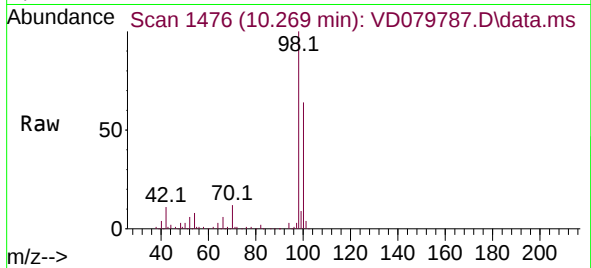




#50
Toluene-d8
Concen: 40.470 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079787.D
Acq: 05 Sep 2024 16:03

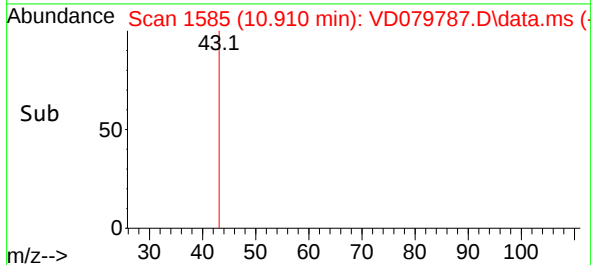
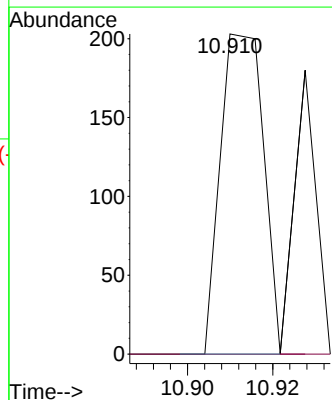
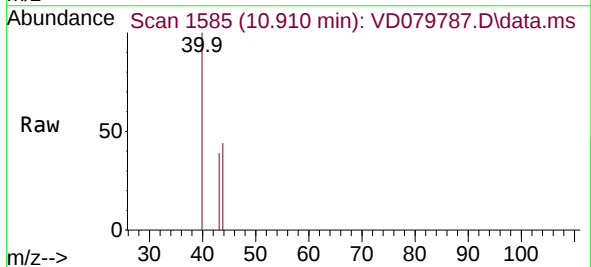
Instrument :
MSVOA_D
ClientSampleId :

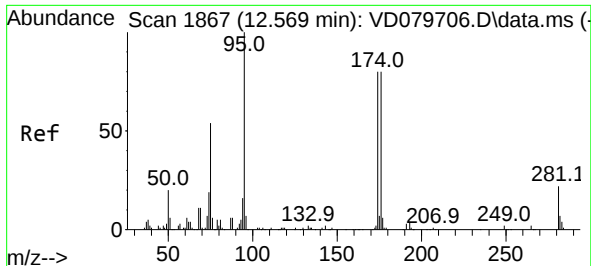
Tgt Ion: 98 Resp: 165271
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#59
2-Hexanone
Concen: 20.511 ug/l
RT: 10.910 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD079787.D
Acq: 05 Sep 2024 16:03

Tgt Ion: 43 Resp: 142
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#

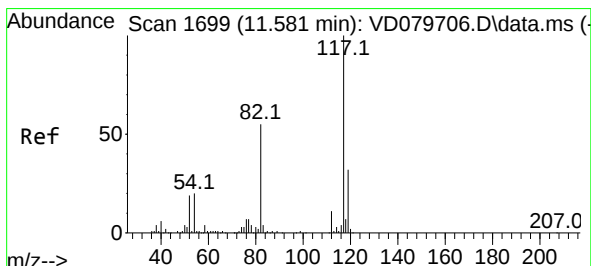
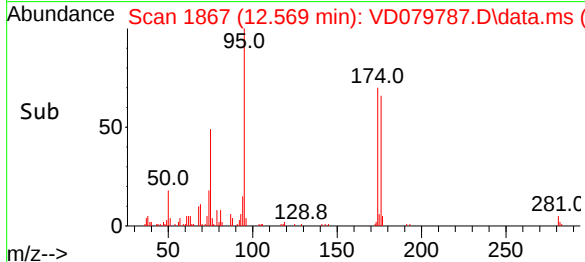
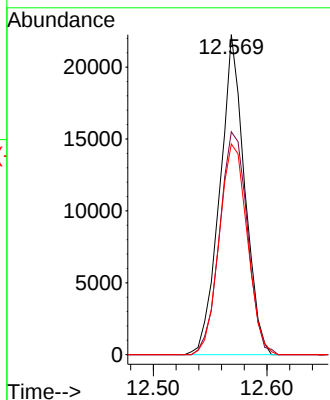
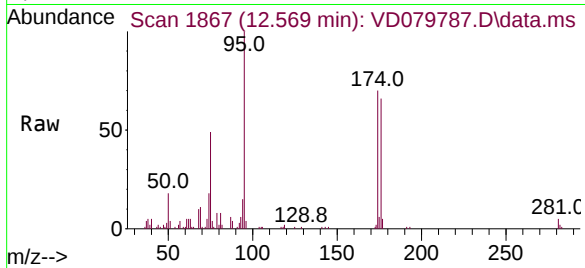




#62
4-Bromofluorobenzene
Concen: 29.499 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079787.D
Acq: 05 Sep 2024 16:03

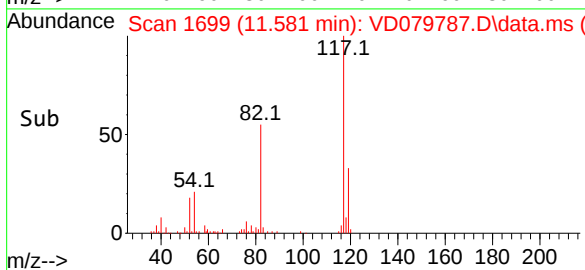
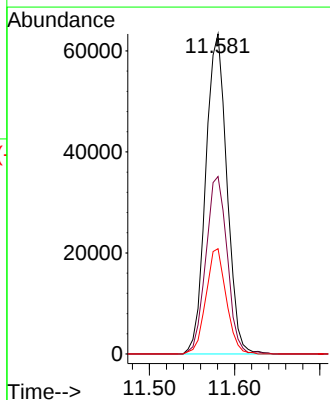
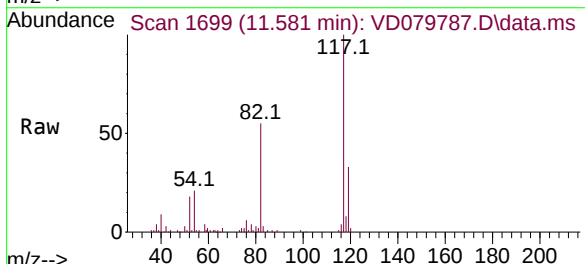
Instrument :
MSVOA_D
ClientSampleId :

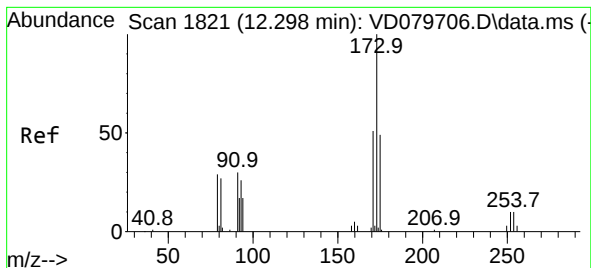
Tgt Ion: 95 Resp: 33707
Ion Ratio Lower Upper
95 100
174 77.9 0.0 195.4
176 74.6 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079787.D
Acq: 05 Sep 2024 16:03

Tgt Ion: 117 Resp: 109414
Ion Ratio Lower Upper
117 100
82 55.4 39.8 59.6
119 32.9 25.7 38.5





#71

Bromoform

Concen: 1.333 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.270 min

Lab File: VD079787.D

Acq: 05 Sep 2024 16:03

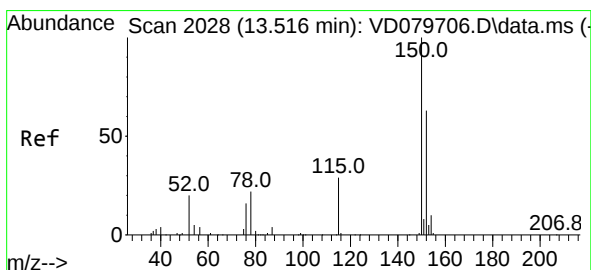
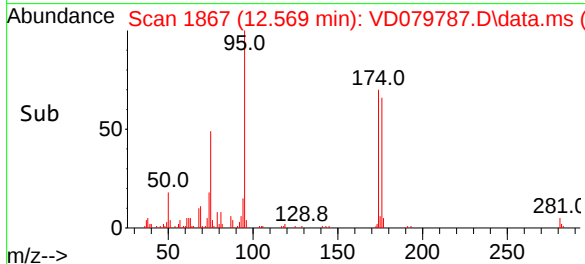
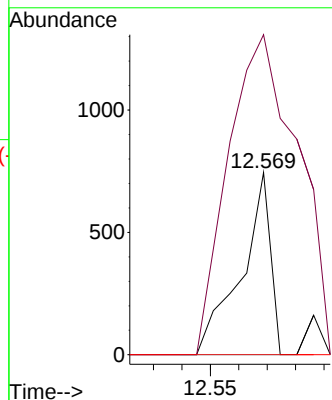
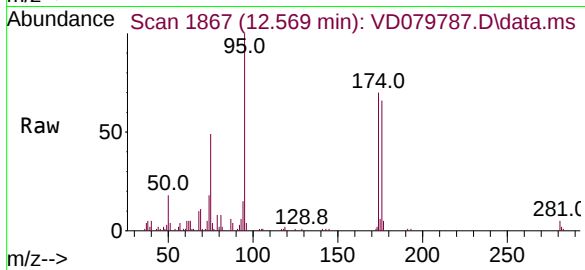
Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173 Resp: 533

Ion	Ratio	Lower	Upper
173	100		
175	313.9	23.7	71.1#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.510 min Scan# 2027

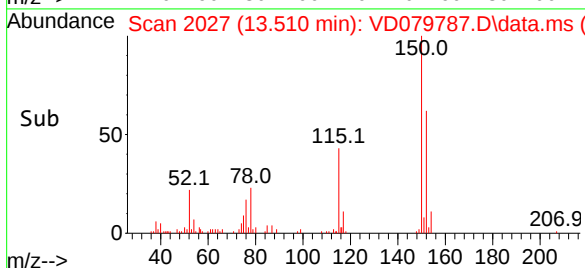
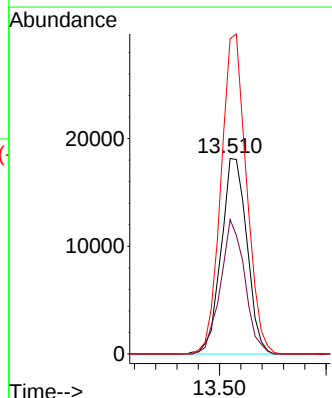
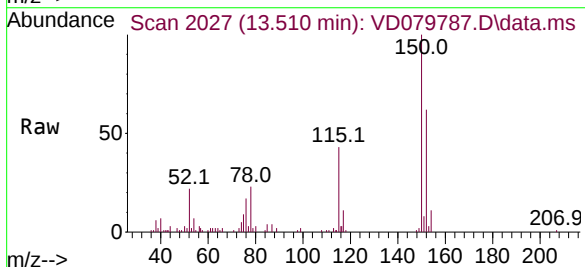
Delta R.T. -0.006 min

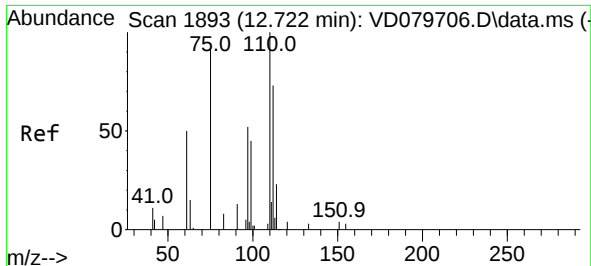
Lab File: VD079787.D

Acq: 05 Sep 2024 16:03

Tgt Ion:152 Resp: 30454

Ion	Ratio	Lower	Upper
152	100		
115	64.6	26.5	79.5
150	161.7	0.0	341.6

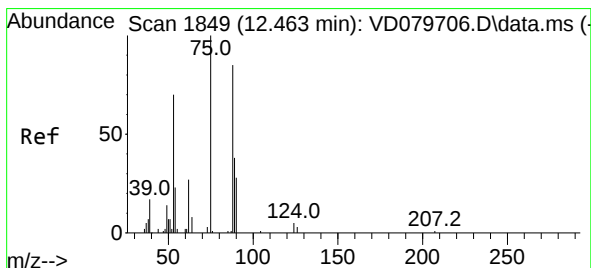
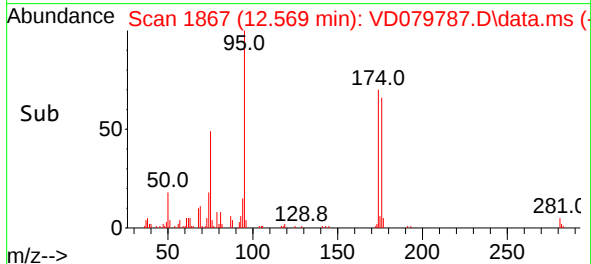
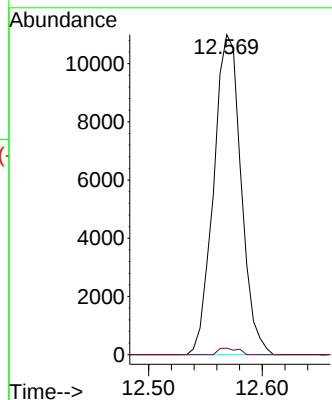
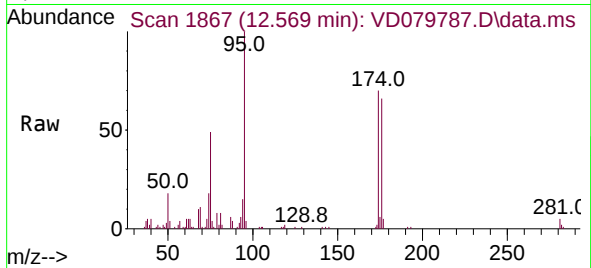




#76
1,2,3-Trichloropropane
Concen: 70.956 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079787.D
Acq: 05 Sep 2024 16:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 18469
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.347 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD079787.D
Acq: 05 Sep 2024 16:03

Tgt Ion: 75 Resp: 18469
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#

