

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080924\
 Data File : VD079696.D
 Acq On : 09 Aug 2024 16:36
 Operator : RP/MD
 Sample : P3483-01
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 10 02:12:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

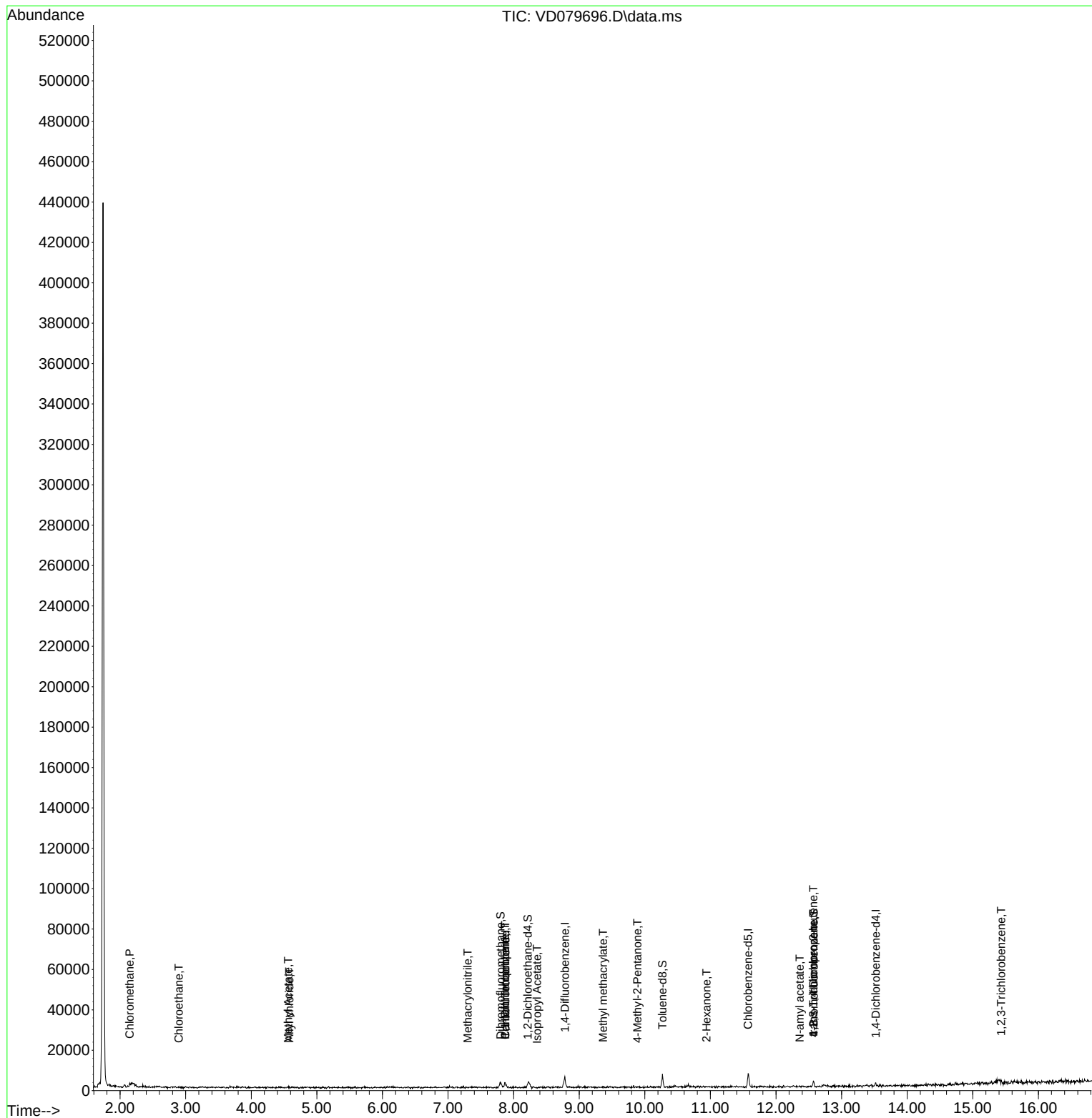
Internal Standards						
1) Pentafluorobenzene	7.875	168	2397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	5336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	4501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	543	50.000	ug/l	# 0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.216	65	2230	91.576	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 183.160%#	
35) Dibromofluoromethane	7.799	113	1947	53.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.820%	
50) Toluene-d8	10.269	98	4225	30.124	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 60.240%	
62) 4-Bromofluorobenzene	12.575	95	1004	24.737	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 49.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	63	1.821	ug/l #	40
6) Chloroethane	2.893	64	54	2.042	ug/l #	44
14) Allyl chloride	4.581	41	67	1.959	ug/l #	17
18) Methyl Acetate	4.564	43	63	4.288	ug/l #	40
20) Methylene Chloride	4.811	84	58	Below Cal	#	15
36) 1,1-Dichloropropene	7.869	75	158	3.205	ug/l #	39
38) Carbon Tetrachloride	7.875	117	69	1.332	ug/l #	13
41) Methacrylonitrile	7.299	41	55	4.947	ug/l #	12
43) Isopropyl Acetate	8.358	43	89	2.343	ug/l #	45
48) Methyl methacrylate	9.363	41	57	3.353	ug/l #	2
51) 4-Methyl-2-Pentanone	9.887	43	54	2.784	ug/l #	31
59) 2-Hexanone	10.940	43	53	3.919	ug/l #	19
74) N-amyl acetate	12.363	43	62	7.763	ug/l #	35
76) 1,2,3-Trichloropropane	12.569	75	451	95.020	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	451	181.229	ug/l #	19
96) 1,2,3-Trichlorobenzene	15.434	180	67	7.500	ug/l #	12

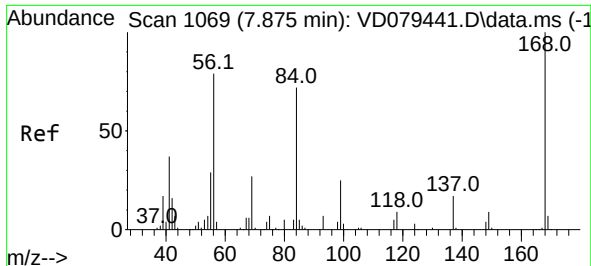
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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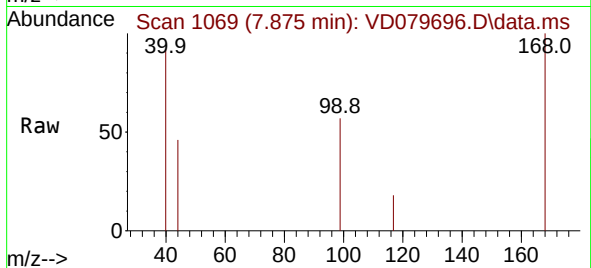
Quant Time: Aug 10 02:12:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



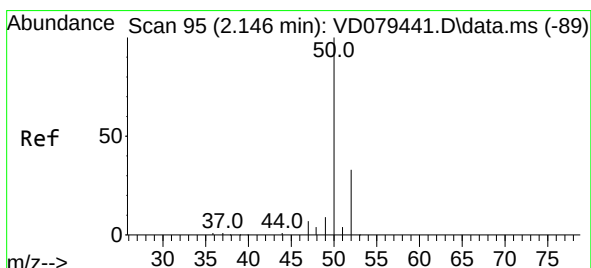
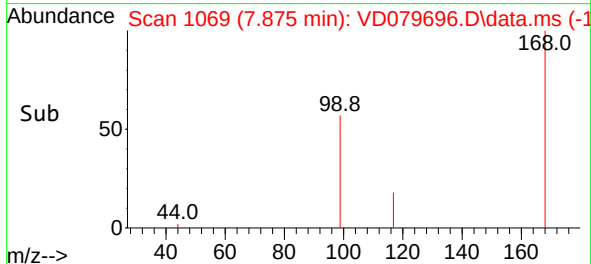
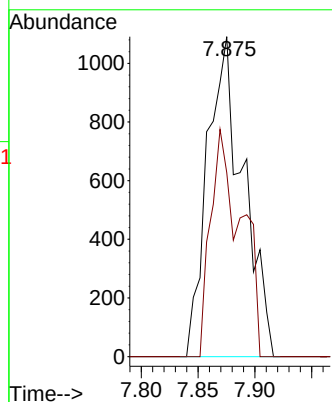


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079696.D
Acq: 09 Aug 2024 16:36

Instrument :
MSVOA_D
ClientSampleId :

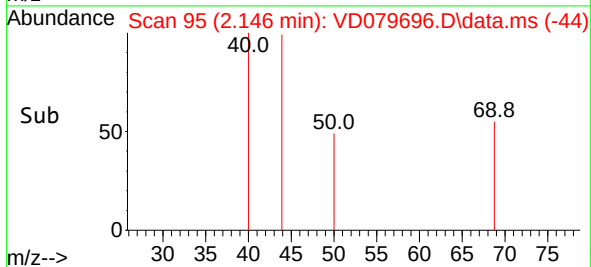
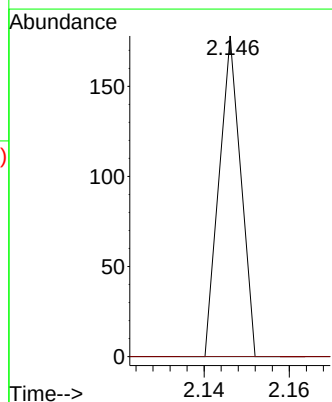
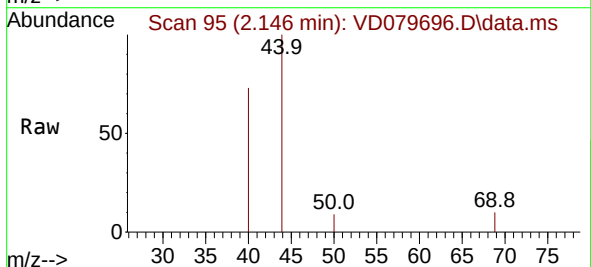


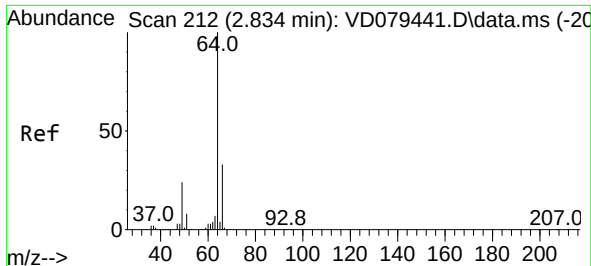
Tgt Ion:168 Resp: 2397
Ion Ratio Lower Upper
168 100
99 57.5 41.1 61.7



#3
Chloromethane
Concen: 1.821 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079696.D
Acq: 09 Aug 2024 16:36

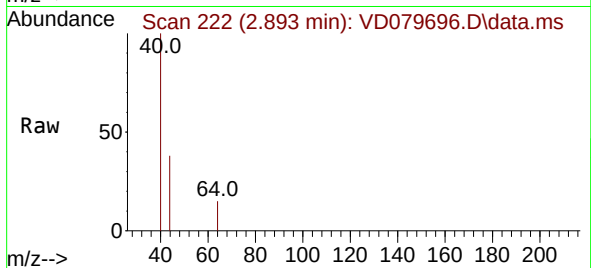
Tgt Ion: 50 Resp: 63
Ion Ratio Lower Upper
50 100
52 0.0 28.2 42.2#



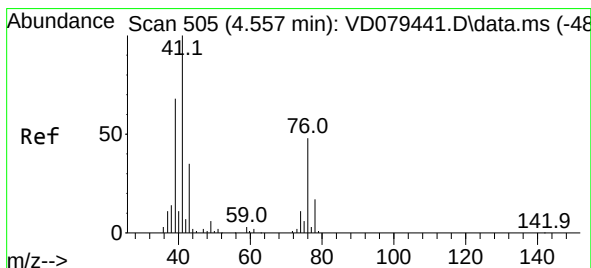
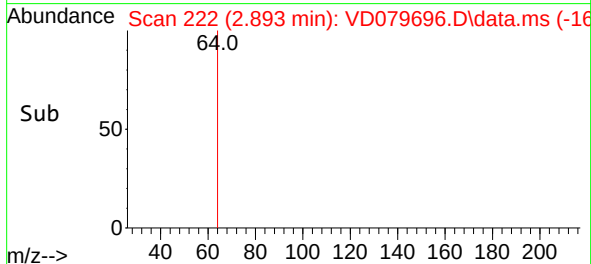
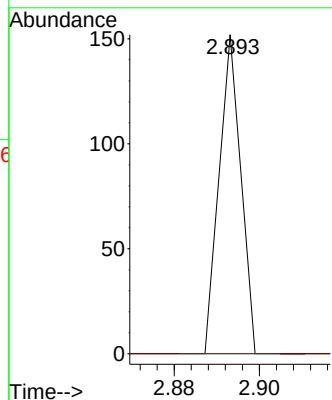


#6
Chloroethane
Concen: 2.042 ug/l
RT: 2.893 min Scan# 212
Delta R.T. 0.065 min
Lab File: VD079696.D
Acq: 09 Aug 2024 16:36

Instrument :
MSVOA_D
ClientSampleId :

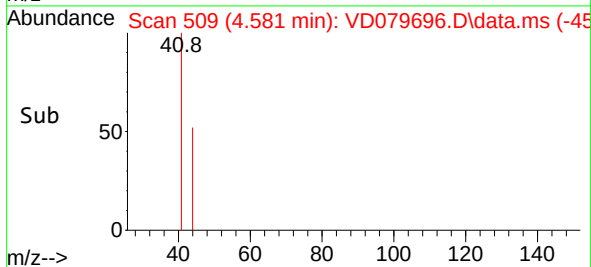
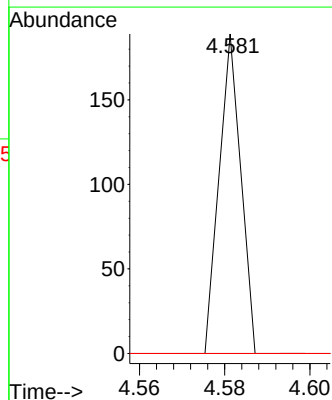
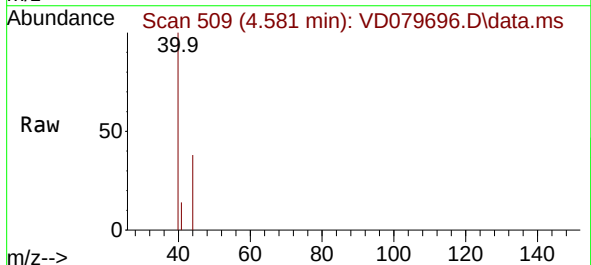


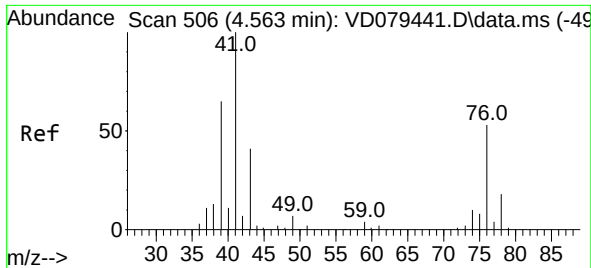
Tgt Ion: 64 Resp: 54
Ion Ratio Lower Upper
64 100
66 0.0 24.5 36.7#



#14
Allyl chloride
Concen: 1.959 ug/l
RT: 4.581 min Scan# 509
Delta R.T. 0.029 min
Lab File: VD079696.D
Acq: 09 Aug 2024 16:36

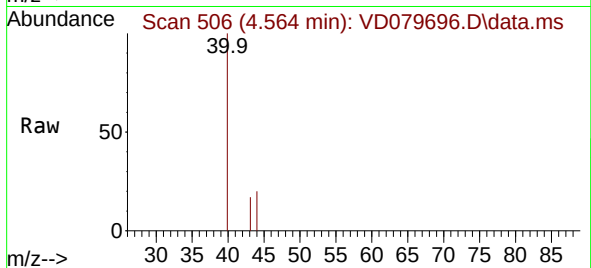
Tgt Ion: 41 Resp: 67
Ion Ratio Lower Upper
41 100
39 0.0 58.0 87.0#
76 0.0 45.9 68.9#



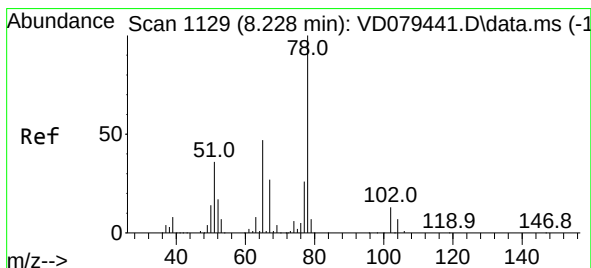
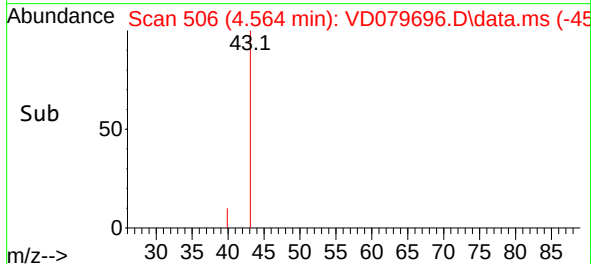
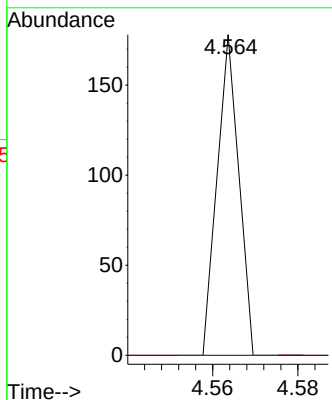


#18
Methyl Acetate
Concen: 4.288 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079696.D
Acq: 09 Aug 2024 16:36

Instrument :
MSVOA_D
ClientSampleId :

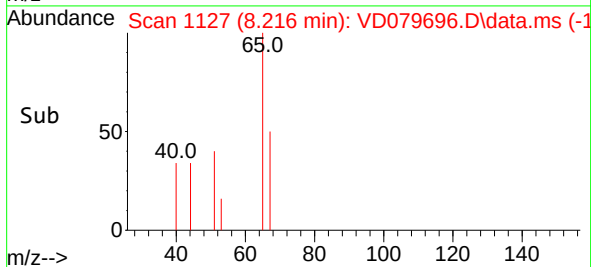
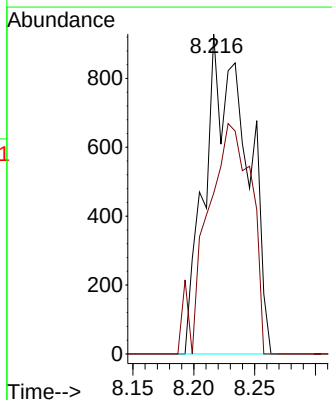
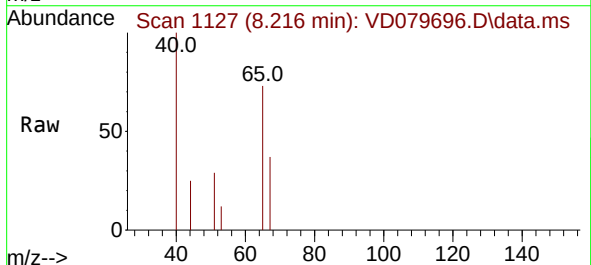


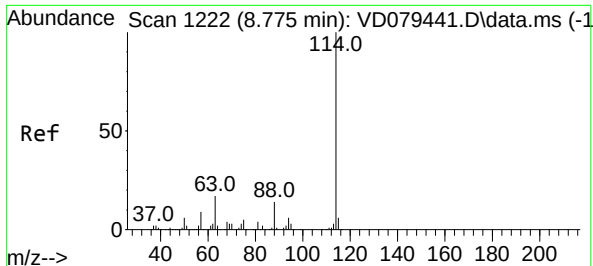
Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
74 0.0 28.1 42.1#



#33
1,2-Dichloroethane-d4
Concen: 91.576 ug/l
RT: 8.216 min Scan# 1127
Delta R.T. -0.012 min
Lab File: VD079696.D
Acq: 09 Aug 2024 16:36

Tgt Ion: 65 Resp: 2230
Ion Ratio Lower Upper
65 100
67 75.7 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 114

Delta R.T. 0.006 min

Lab File: VD079696.D

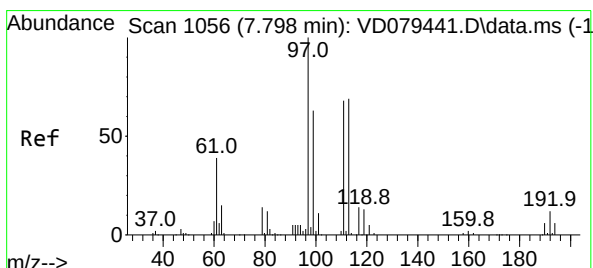
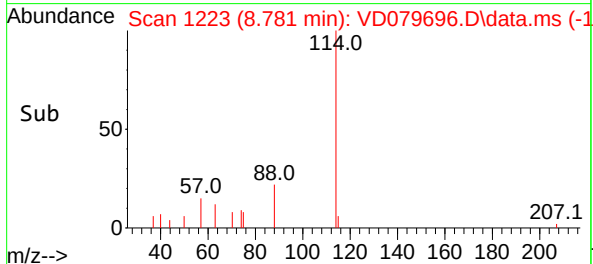
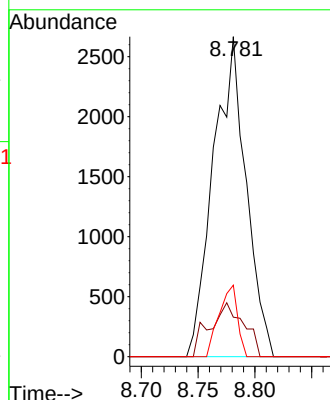
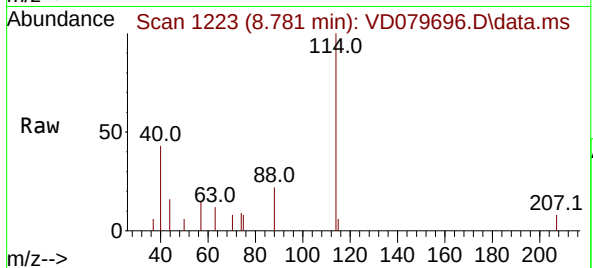
Acq: 09 Aug 2024 16:36

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:114	Resp:	5336
Ion	Ratio	Lower Upper
114	100	
63	12.3	0.0 34.0
88	22.4	0.0 27.2



#35

Dibromofluoromethane

Concen: 53.909 ug/l

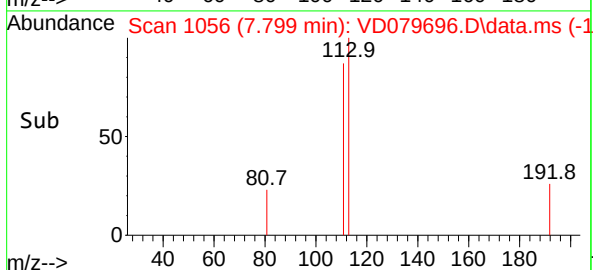
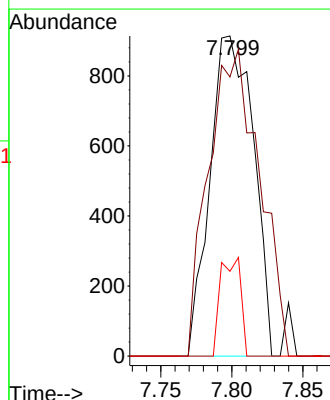
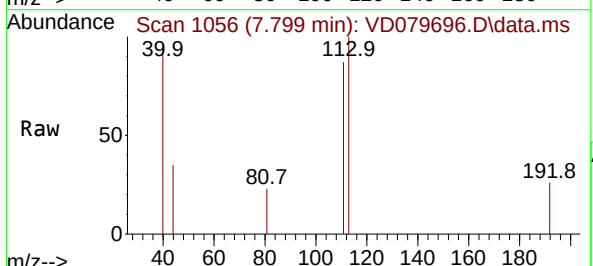
RT: 7.799 min Scan# 1056

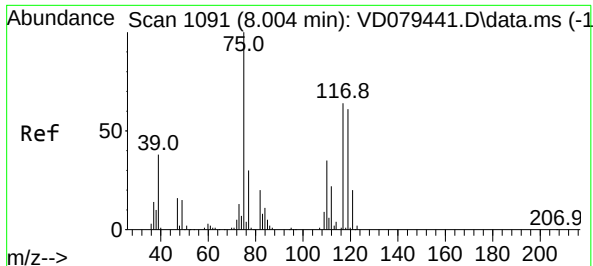
Delta R.T. -0.006 min

Lab File: VD079696.D

Acq: 09 Aug 2024 16:36

Tgt Ion:113	Resp:	1947
Ion	Ratio	Lower Upper
113	100	
111	112.2	84.0 126.0
192	14.3	15.4 23.0





#36

1,1-Dichloropropene

Concen: 3.205 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

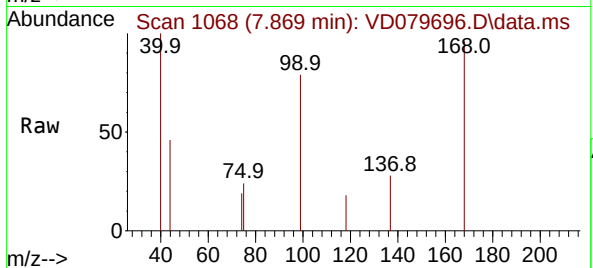
Lab File: VD079696.D

Acq: 09 Aug 2024 16:36

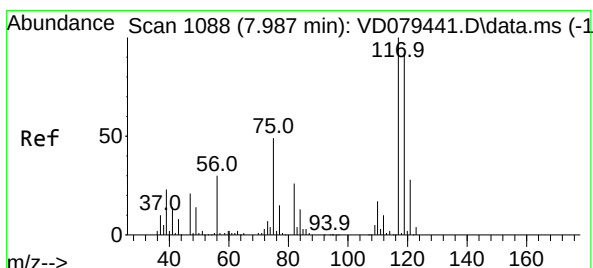
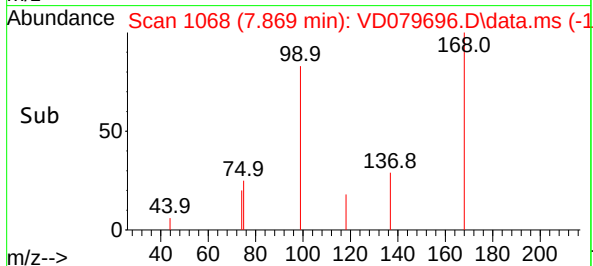
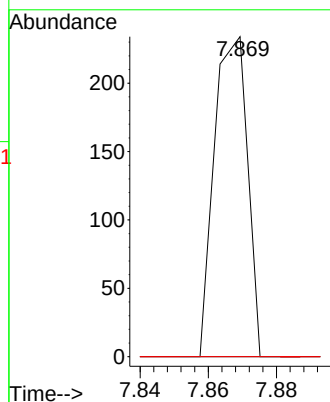
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	158
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.6	58.7#
77	0.0	26.1	39.1#



#38

Carbon Tetrachloride

Concen: 1.332 ug/l

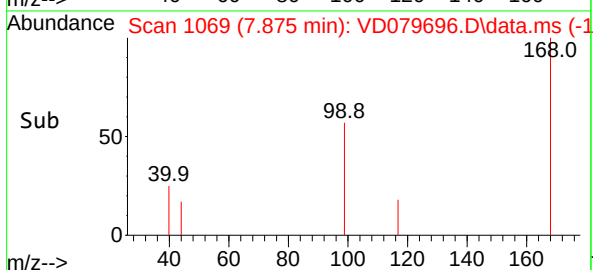
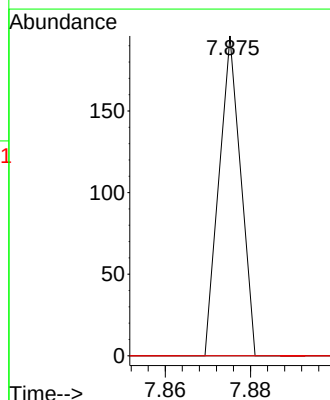
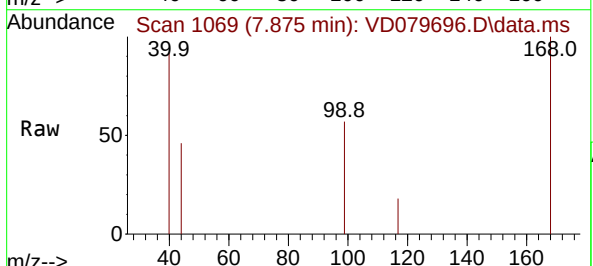
RT: 7.875 min Scan# 1069

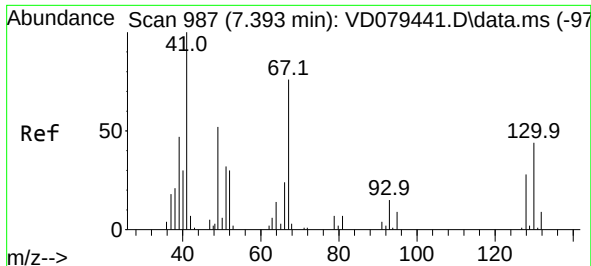
Delta R.T. -0.112 min

Lab File: VD079696.D

Acq: 09 Aug 2024 16:36

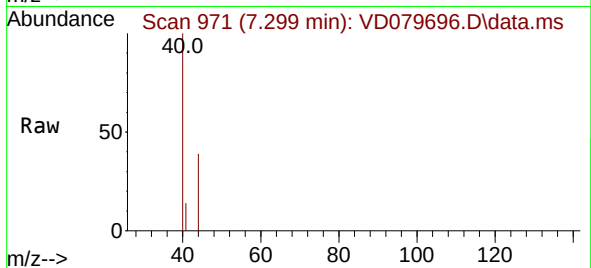
Tgt Ion:	117	Resp:	69
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.4	113.0#
121	0.0	25.0	37.4#



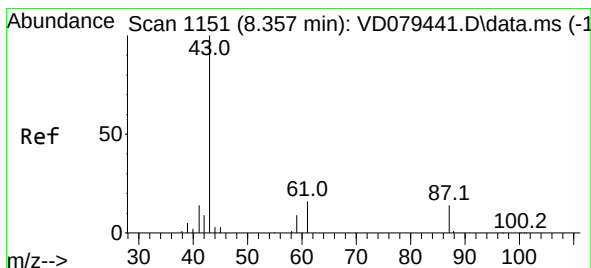
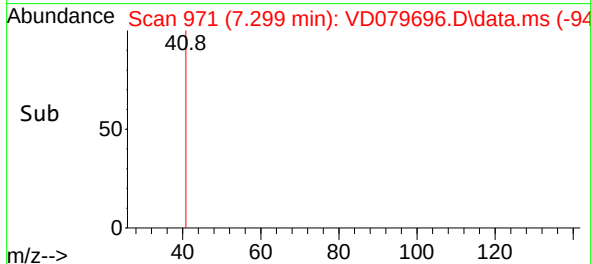
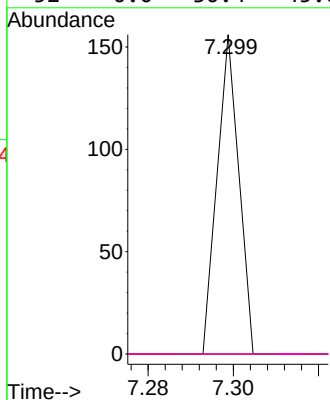


#41
Methacrylonitrile
Concen: 4.947 ug/l
RT: 7.299 min Scan# 91
Delta R.T. -0.118 min
Lab File: VD079696.D
Acq: 09 Aug 2024 16:36

Instrument :
MSVOA_D
ClientSampleId :

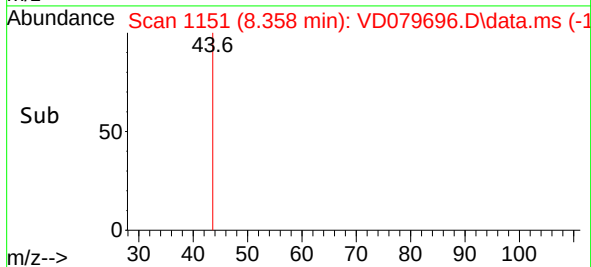
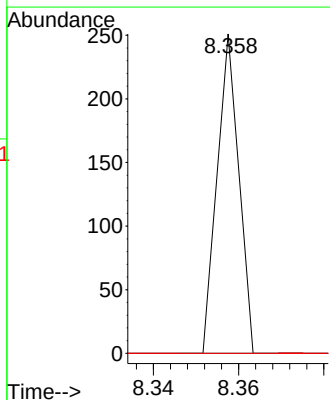
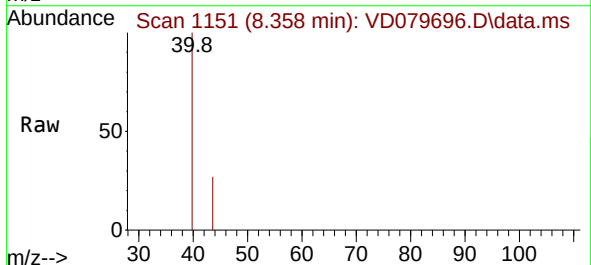


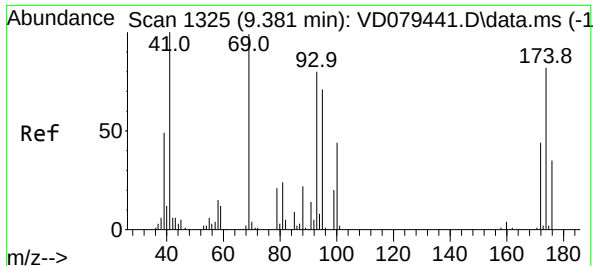
Tgt Ion: 41	Resp: 55
Ion Ratio	Lower Upper
41 100	
39 0.0	41.4 62.0#
67 0.0	85.8 128.6#
52 0.0	30.4 45.6#



#43
Isopropyl Acetate
Concen: 2.343 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD079696.D
Acq: 09 Aug 2024 16:36

Tgt Ion: 43	Resp: 89
Ion Ratio	Lower Upper
43 100	
61 0.0	29.3 43.9#
87 0.0	14.9 22.3#





#48

Methyl methacrylate

Concen: 3.353 ug/l

RT: 9.363 min Scan# 11

Delta R.T. -0.018 min

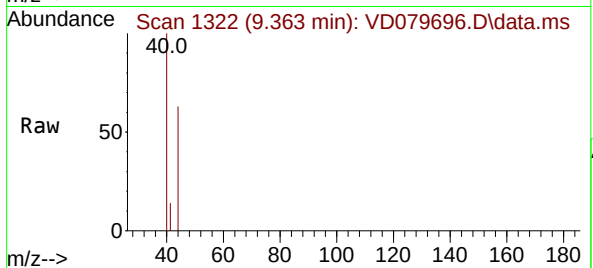
Lab File: VD079696.D

Acq: 09 Aug 2024 16:36

Instrument :

MSVOA_D

ClientSampleId :



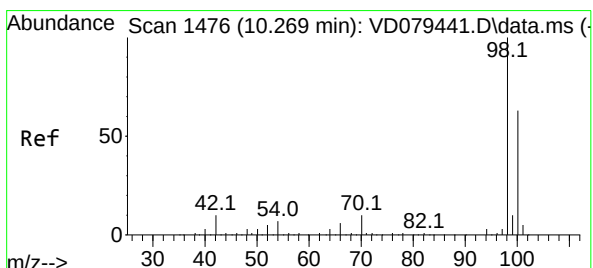
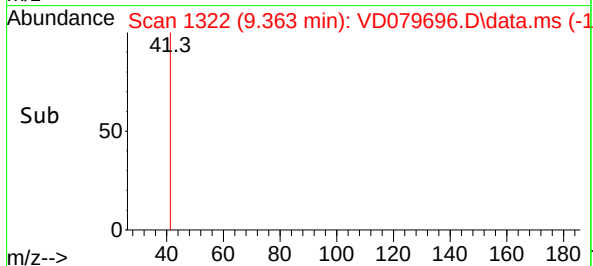
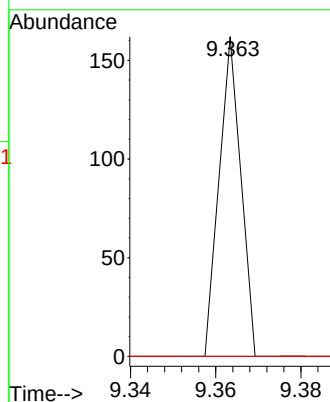
Tgt Ion: 41 Resp: 57

Ion Ratio Lower Upper

41 100

69 0.0 96.7 145.1#

39 0.0 43.8 65.6#



#50

Toluene-d8

Concen: 30.124 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079696.D

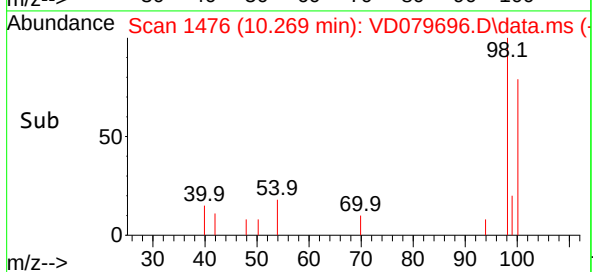
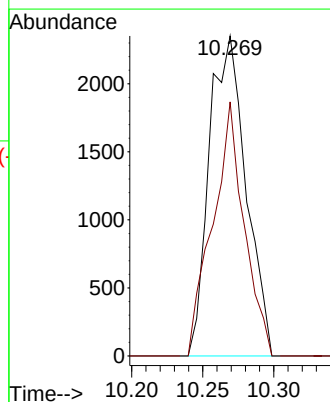
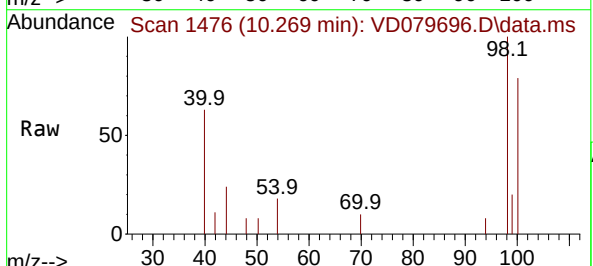
Acq: 09 Aug 2024 16:36

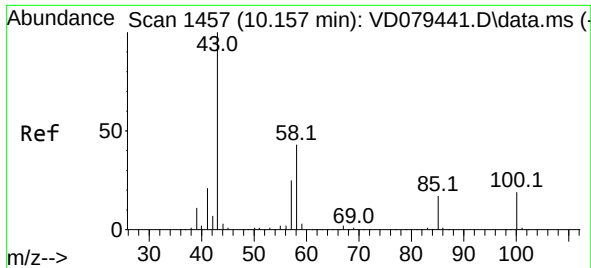
Tgt Ion: 98 Resp: 4225

Ion Ratio Lower Upper

98 100

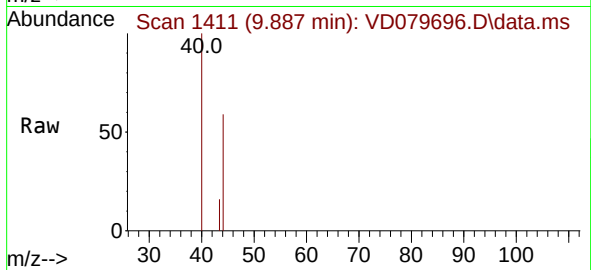
100 68.1 51.6 77.4



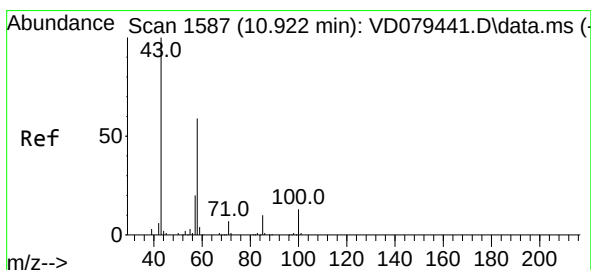
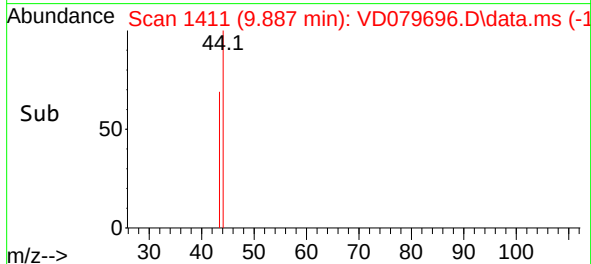
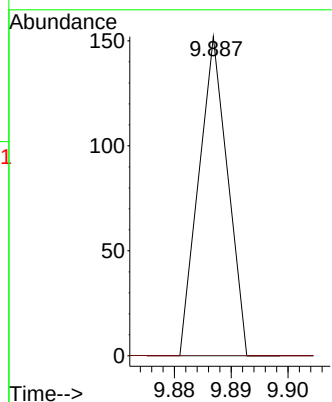


#51
4-Methyl-2-Pentanone
Concen: 2.784 ug/l
RT: 9.887 min Scan# 1411
Delta R.T. -0.271 min
Lab File: VD079696.D
Acq: 09 Aug 2024 16:36

Instrument :
MSVOA_D
ClientSampleId :

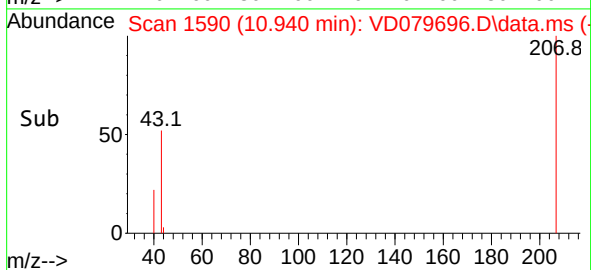
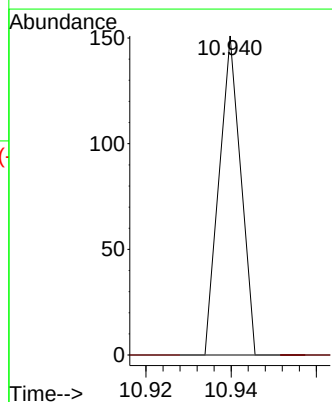
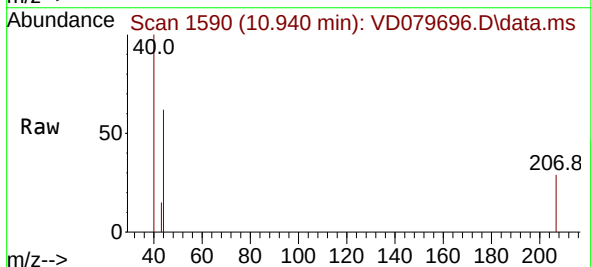


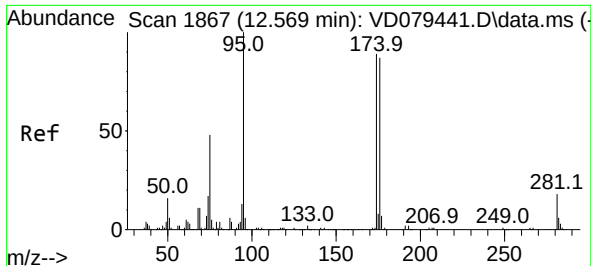
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
58 0.0 36.6 55.0#



#59
2-Hexanone
Concen: 3.919 ug/l
RT: 10.940 min Scan# 1590
Delta R.T. 0.024 min
Lab File: VD079696.D
Acq: 09 Aug 2024 16:36

Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#

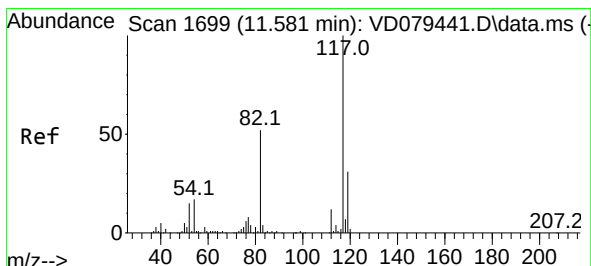
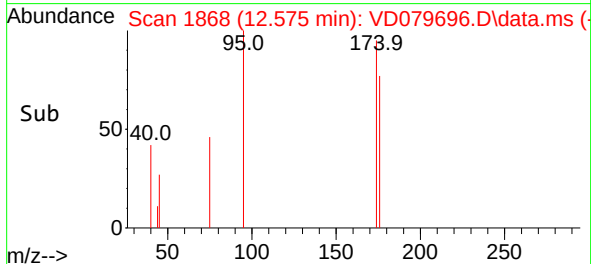
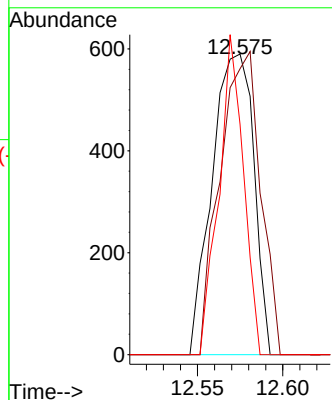
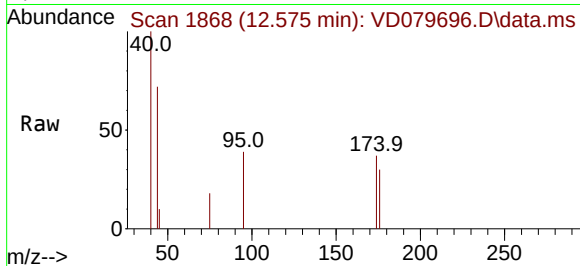




#62
4-Bromofluorobenzene
Concen: 24.737 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079696.D
Acq: 09 Aug 2024 16:36

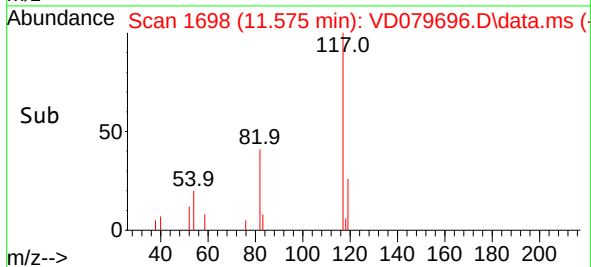
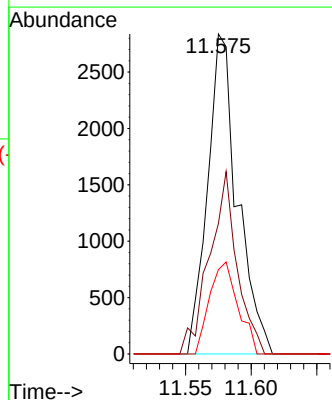
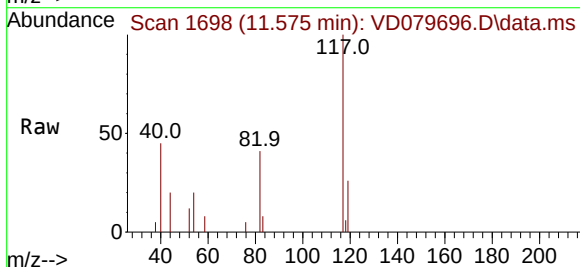
Instrument :
MSVOA_D
ClientSampleId :

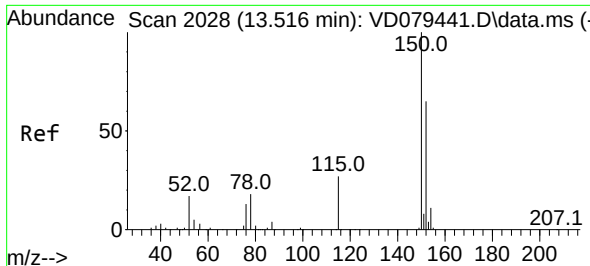
Tgt Ion: 95 Resp: 1004
Ion Ratio Lower Upper
95 100
174 97.8 0.0 195.4
176 62.5 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VD079696.D
Acq: 09 Aug 2024 16:36

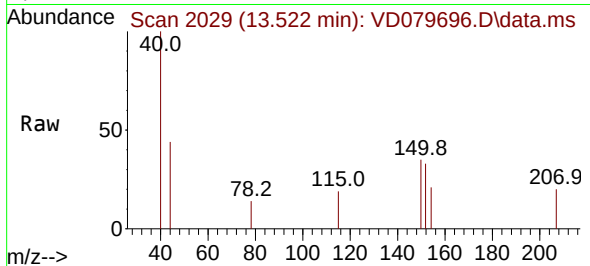
Tgt Ion: 117 Resp: 4501
Ion Ratio Lower Upper
117 100
82 40.8 39.8 59.6
119 26.4 25.7 38.5



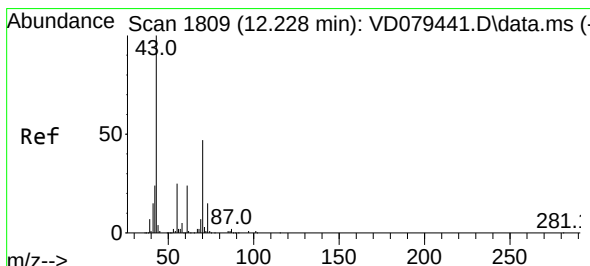
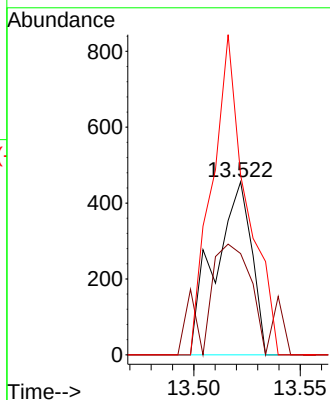
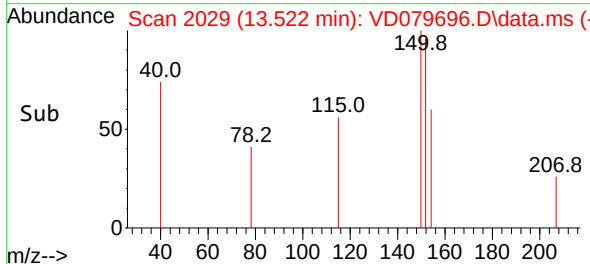


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2028
 Delta R.T. 0.012 min
 Lab File: VD079696.D
 Acq: 09 Aug 2024 16:36

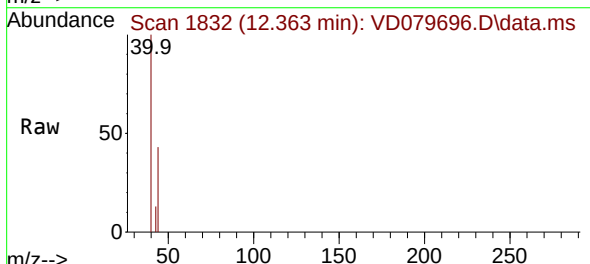
Instrument :
 MSVOA_D
 ClientSampleId :



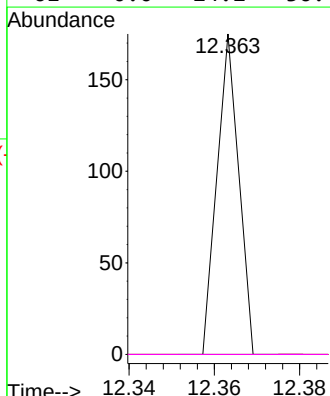
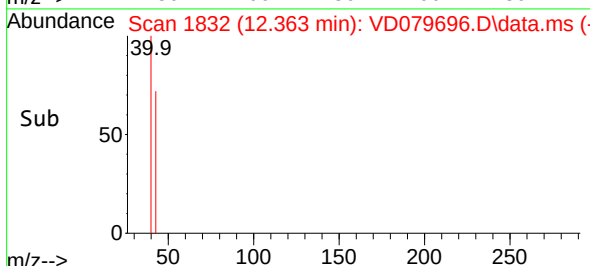
Tgt Ion:152 Resp: 543
 Ion Ratio Lower Upper
 152 100
 115 86.6 26.5 79.5#
 150 175.3 0.0 341.6

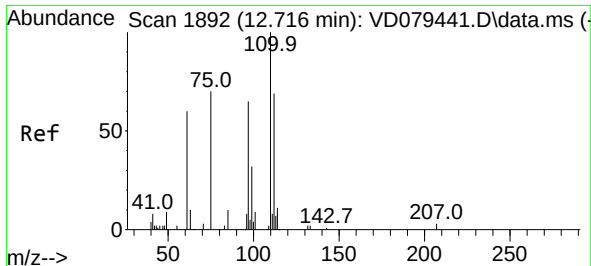


#74
 N-ethyl acetate
 Concen: 7.763 ug/l
 RT: 12.363 min Scan# 1832
 Delta R.T. 0.129 min
 Lab File: VD079696.D
 Acq: 09 Aug 2024 16:36



Tgt Ion: 43 Resp: 62
 Ion Ratio Lower Upper
 43 100
 70 0.0 44.3 66.5#
 55 0.0 23.2 34.8#
 61 0.0 24.2 36.4#

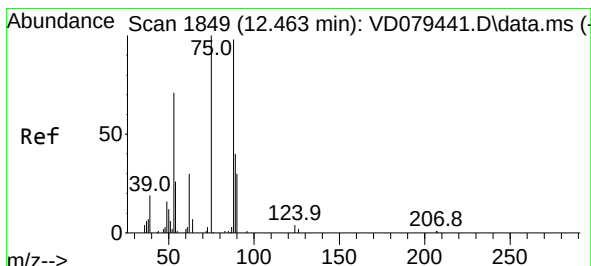
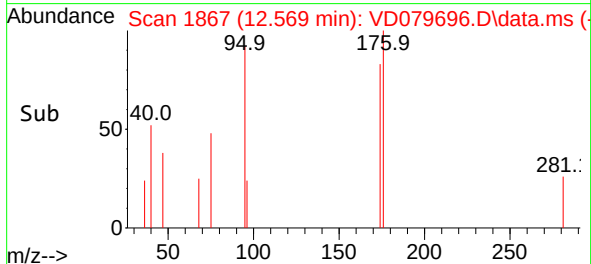
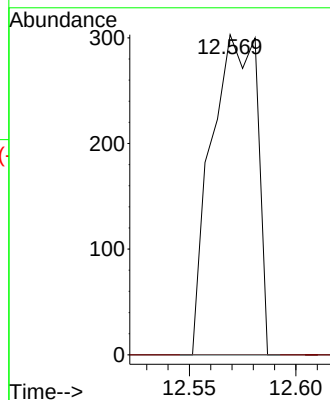
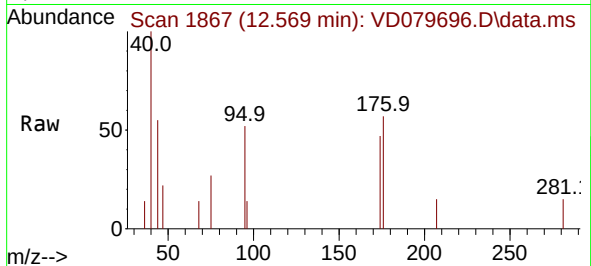




#76
1,2,3-Trichloropropane
Concen: 95.020 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079696.D
Acq: 09 Aug 2024 16:36

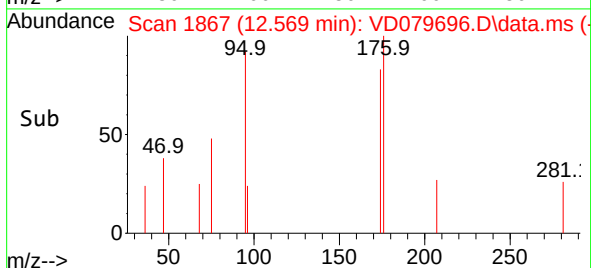
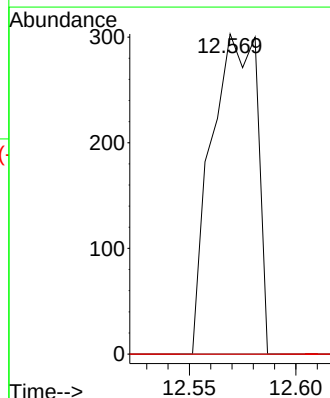
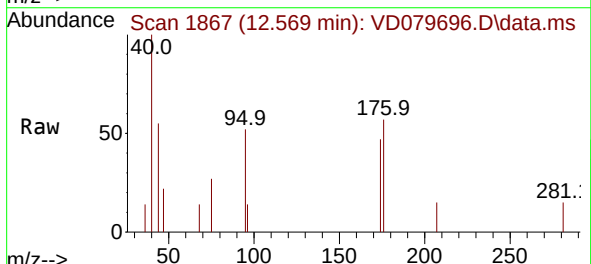
Instrument :
MSVOA_D
ClientSampleId :

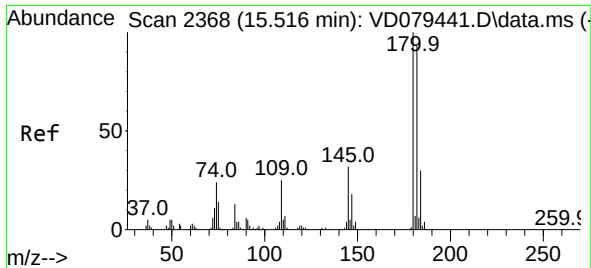
Tgt Ion: 75 Resp: 451
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 181.229 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079696.D
Acq: 09 Aug 2024 16:36

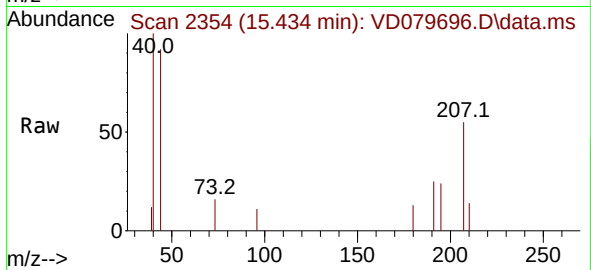
Tgt Ion: 75 Resp: 451
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 7.500 ug/l
 RT: 15.434 min Scan# 21
 Delta R.T. -0.088 min
 Lab File: VD079696.D
 Acq: 09 Aug 2024 16:36

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	180	Resp:	67
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.3#
145	0.0	16.1	48.2#

