

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079462.D
 Acq On : 30 Jul 2024 16:48
 Operator : RP/MD
 Sample : P3379-11
 Misc : 5.28G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 31 01:54:43 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)

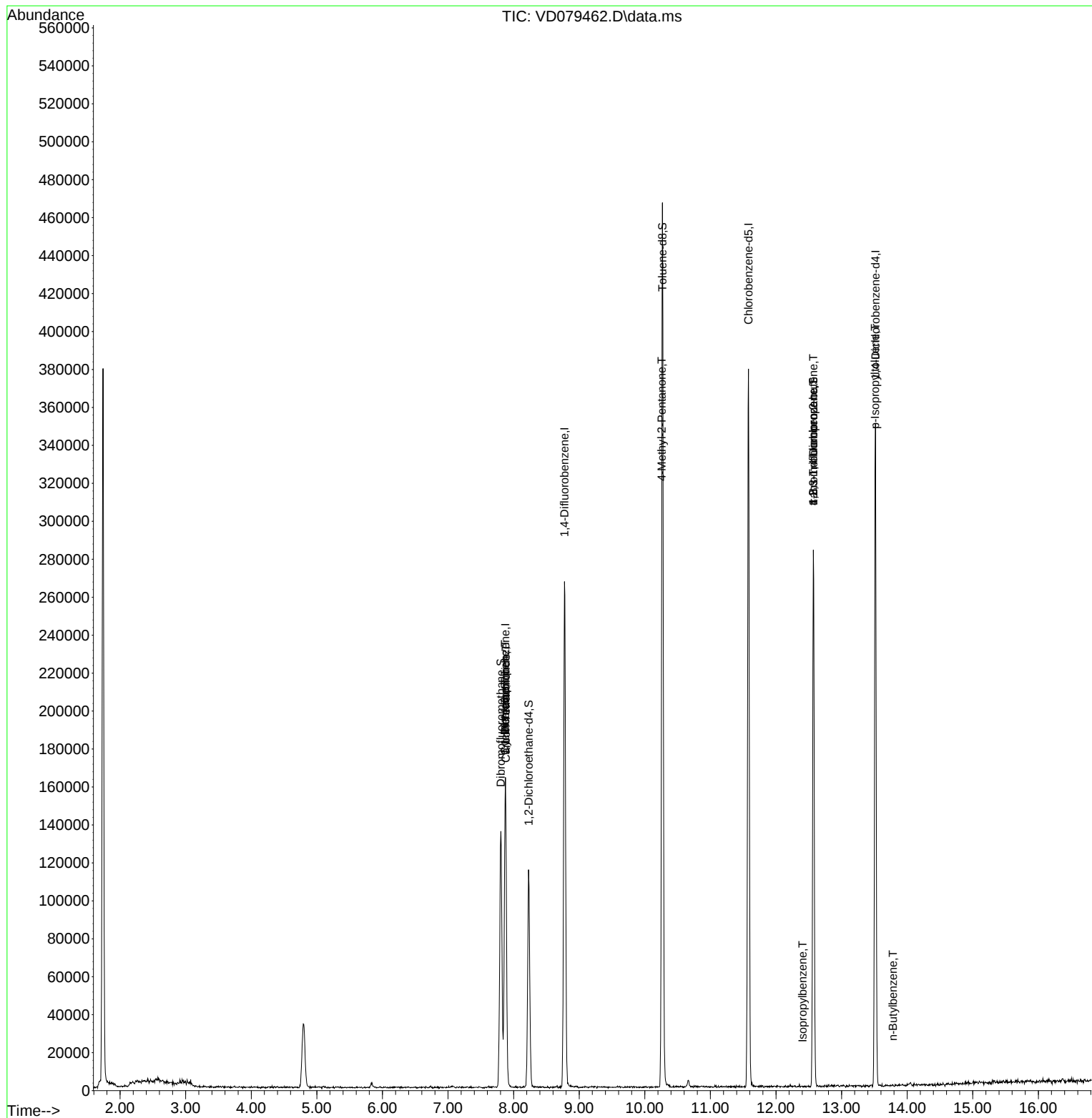
Internal Standards						
1) Pentafluorobenzene	7.875	168	130901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	247322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86540	65.076	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.160%	
35) Dibromofluoromethane	7.805	113	98104	58.605	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.200%	
50) Toluene-d8	10.269	98	327292	50.347	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.700%	
62) 4-Bromofluorobenzene	12.569	95	84795	45.075	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.160%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.711	94	92	Below Cal	#	1
11) Tert butyl alcohol	5.058	59	196	Below Cal	#	86
20) Methylene Chloride	4.799	84	28333	Below Cal		94
31) Cyclohexane	7.869	56	2520	1.141	ug/l #	44
36) 1,1-Dichloropropene	7.869	75	10151	4.443	ug/l #	48
38) Carbon Tetrachloride	7.881	117	12254	5.102	ug/l #	13
51) 4-Methyl-2-Pentanone	10.257	43	1089	1.212	ug/l #	1
73) Isopropylbenzene	12.404	105	53	3.634	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	43375	48.551	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	43375	92.599	ug/l #	19
86) p-Isopropyltoluene	13.510	119	57	3.894	ug/l #	1
89) n-Butylbenzene	13.781	91	74	3.793	ug/l #	1

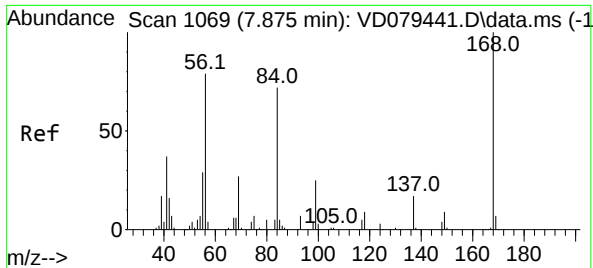
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 31 01:54:43 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

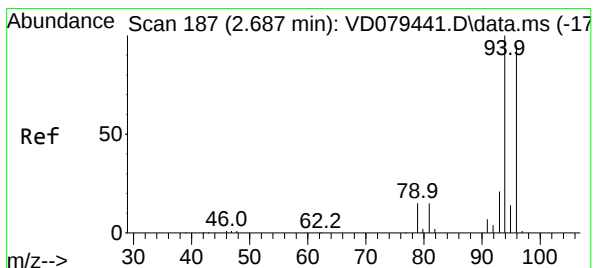
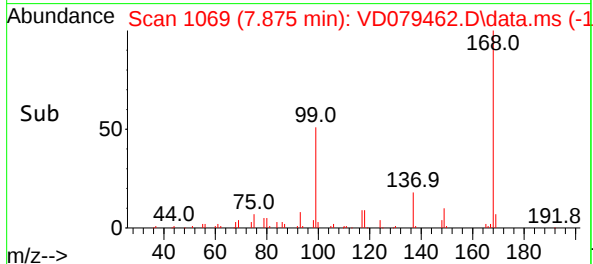
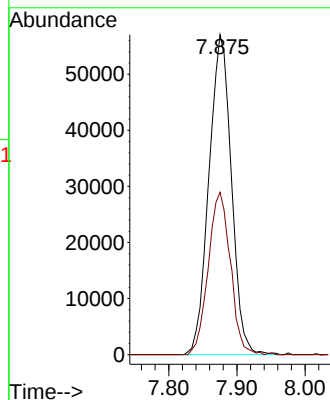
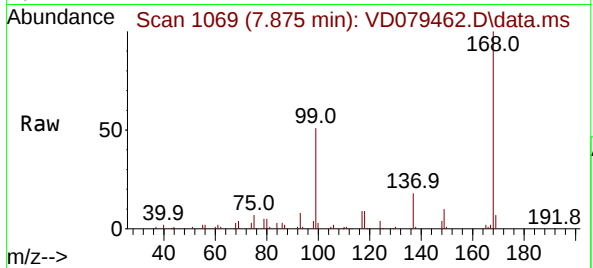




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079462.D
Acq: 30 Jul 2024 16:48

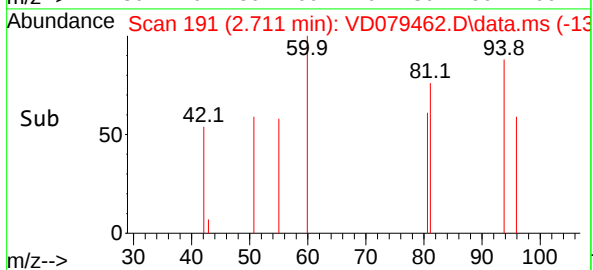
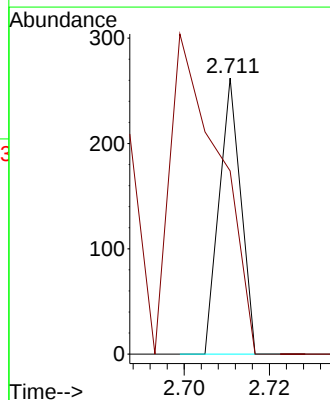
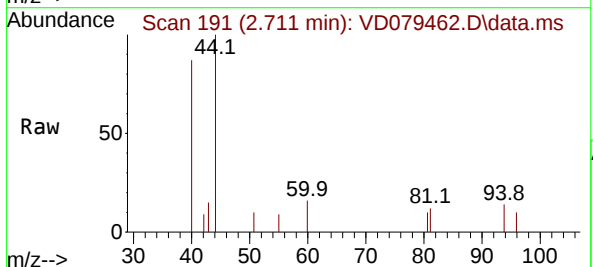
Instrument :
MSVOA_D
ClientSampleId :

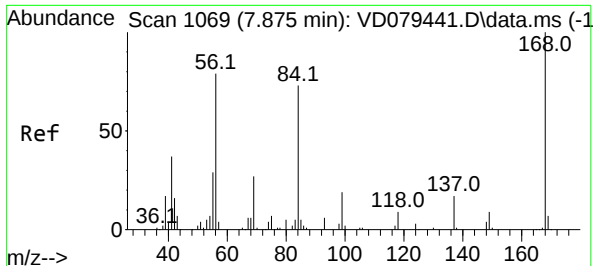
Tgt Ion:168 Resp: 130901
Ion Ratio Lower Upper
168 100
99 50.7 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.711 min Scan# 191
Delta R.T. 0.024 min
Lab File: VD079462.D
Acq: 30 Jul 2024 16:48

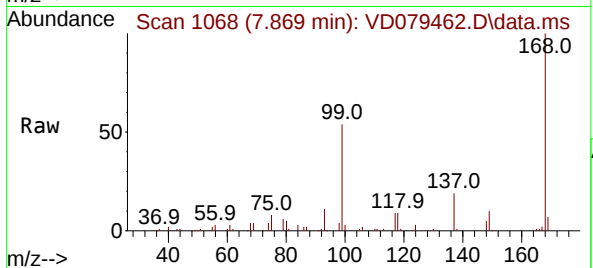
Tgt Ion: 94 Resp: 92
Ion Ratio Lower Upper
94 100
96 344.6 76.9 115.3#



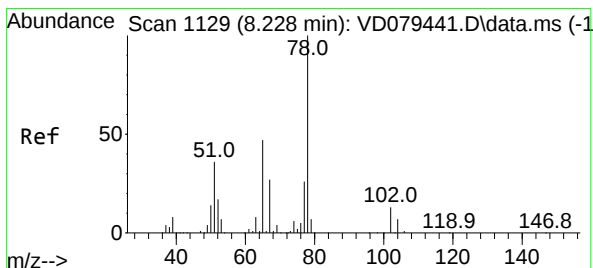
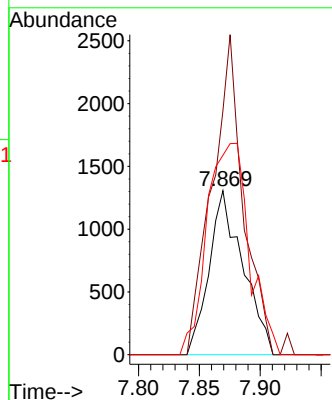
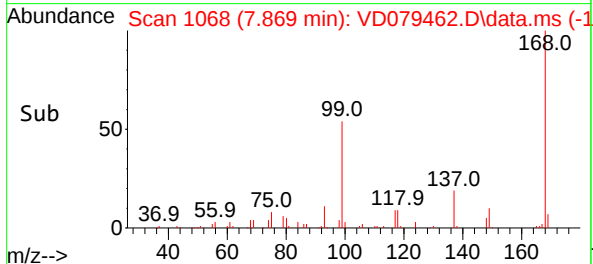


#31
Cyclohexane
Concen: 1.141 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD079462.D
Acq: 30 Jul 2024 16:48

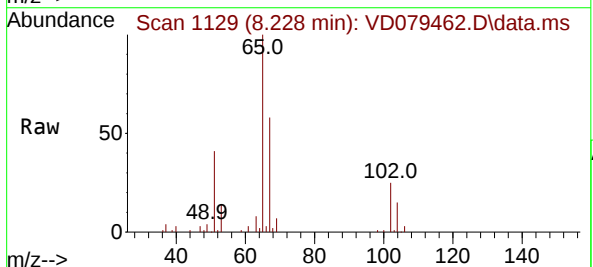
Instrument :
MSVOA_D
ClientSampleId :



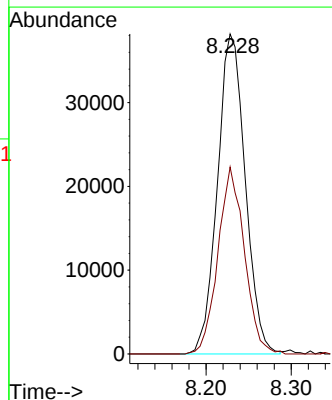
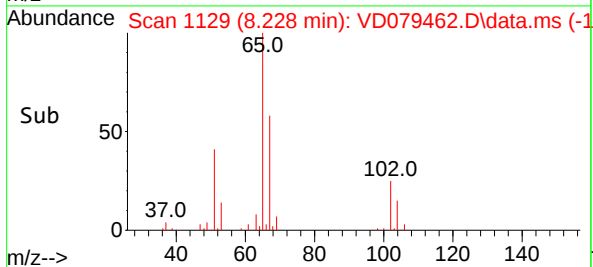
Tgt Ion: 56 Resp: 2520
Ion Ratio Lower Upper
56 100
69 148.6 28.0 42.0#
84 121.5 87.4 131.0

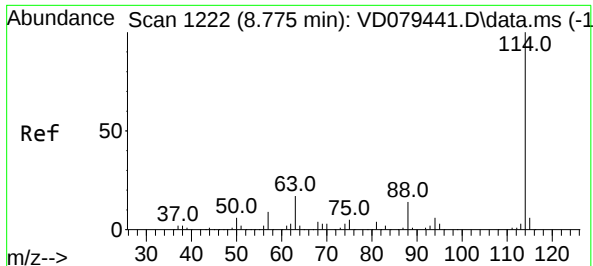


#33
1,2-Dichloroethane-d4
Concen: 65.076 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079462.D
Acq: 30 Jul 2024 16:48



Tgt Ion: 65 Resp: 86540
Ion Ratio Lower Upper
65 100
67 55.6 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: VD079462.D

Acq: 30 Jul 2024 16:48

Instrument :

MSVOA_D

ClientSampleId :

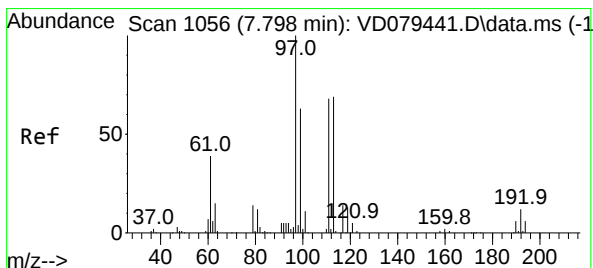
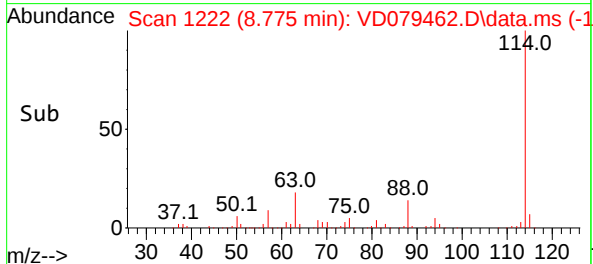
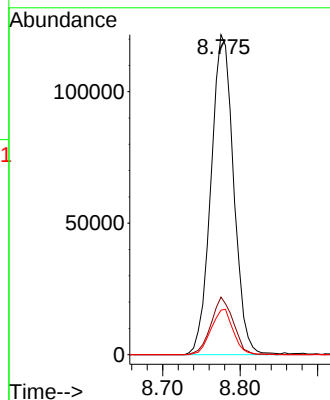
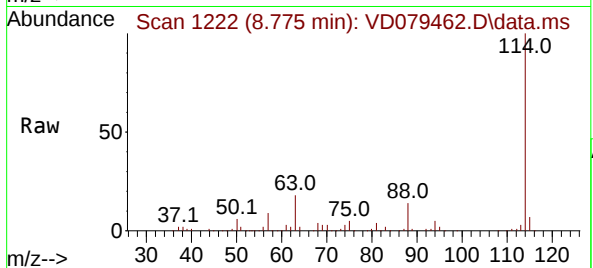
Tgt Ion:114 Resp: 247322

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 58.605 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079462.D

Acq: 30 Jul 2024 16:48

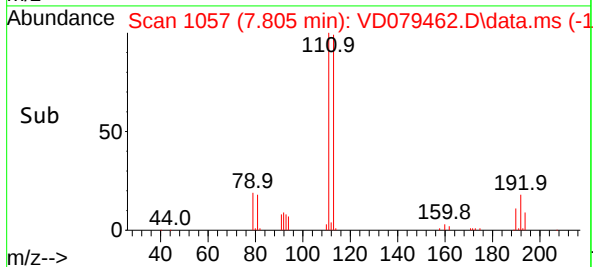
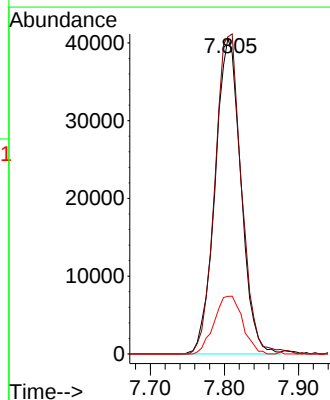
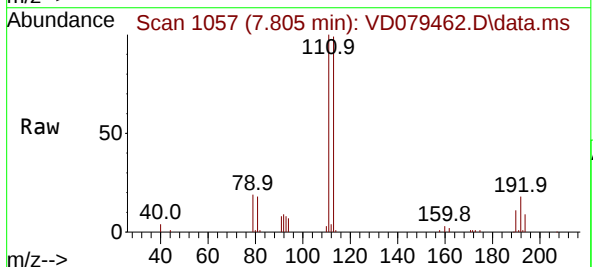
Tgt Ion:113 Resp: 98104

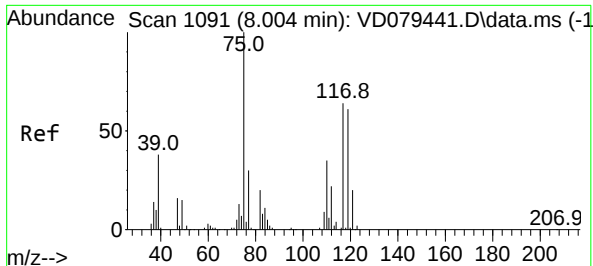
Ion Ratio Lower Upper

113 100

111 104.0 84.0 126.0

192 20.1 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.443 ug/l

RT: 7.869 min Scan# 10

Delta R.T. -0.141 min

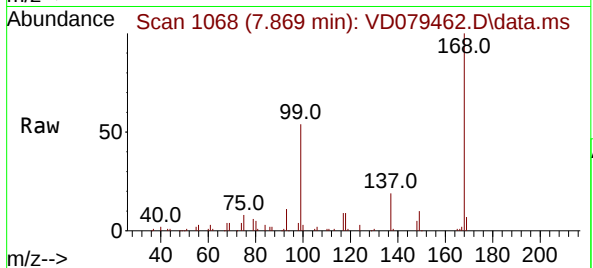
Lab File: VD079462.D

Acq: 30 Jul 2024 16:48

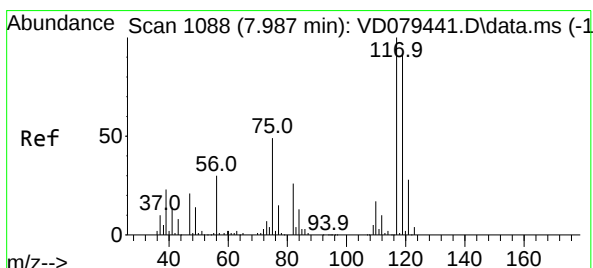
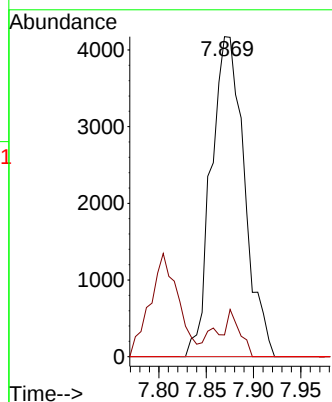
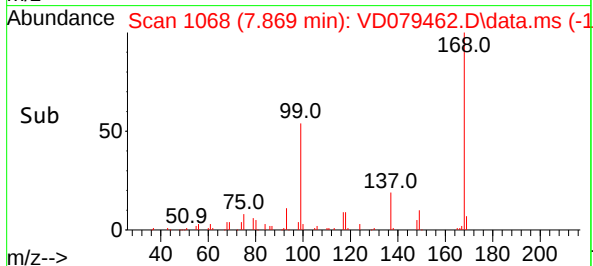
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 10151
Ion Ratio	Lower Upper
75	100
110	10.4 19.6 58.7#
77	0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 5.102 ug/l

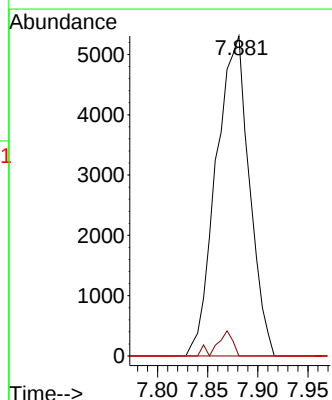
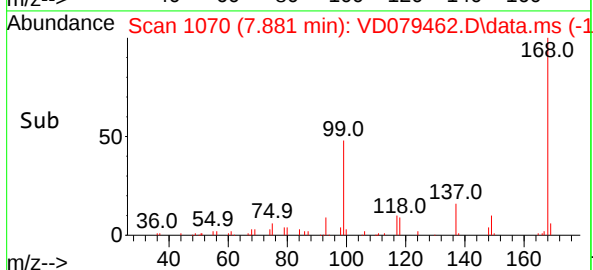
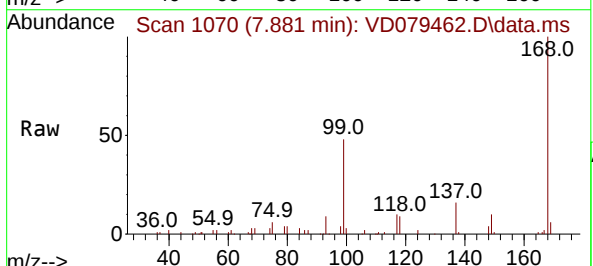
RT: 7.881 min Scan# 1070

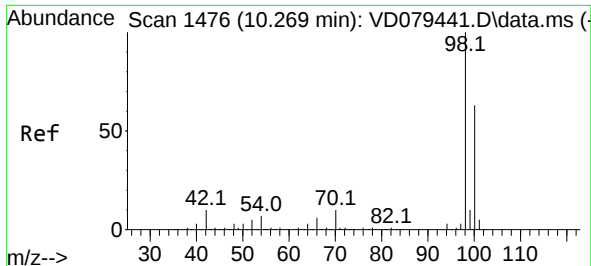
Delta R.T. -0.106 min

Lab File: VD079462.D

Acq: 30 Jul 2024 16:48

Tgt Ion: 117	Resp: 12254
Ion Ratio	Lower Upper
117	100
119	0.0 75.4 113.0#
121	0.0 25.0 37.4#

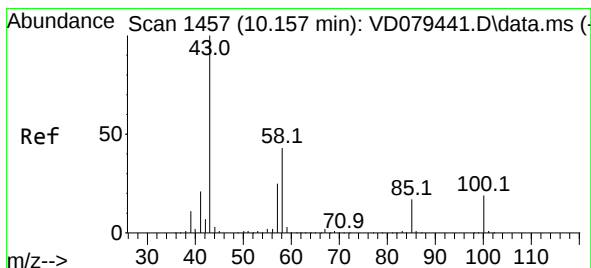
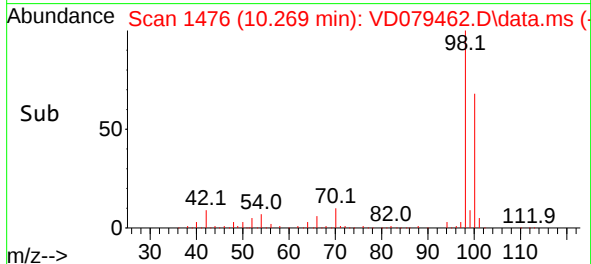
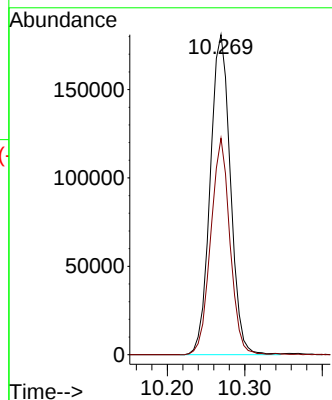
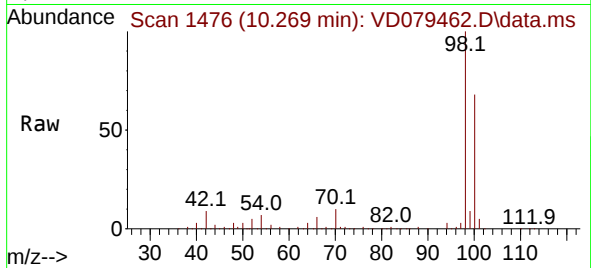




#50
Toluene-d8
Concen: 50.347 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079462.D
Acq: 30 Jul 2024 16:48

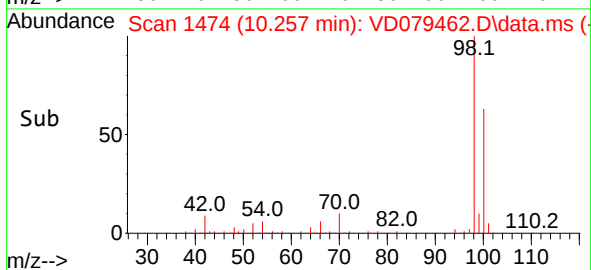
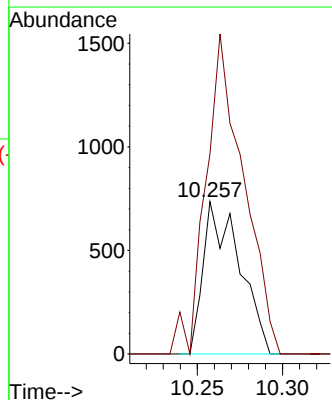
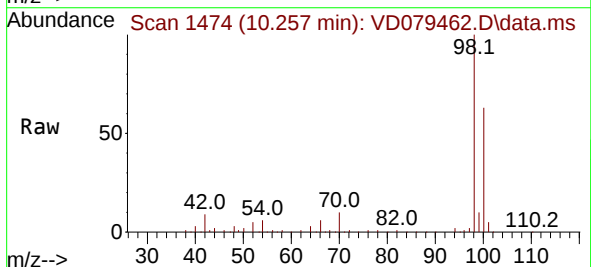
Instrument :
MSVOA_D
ClientSampleId :

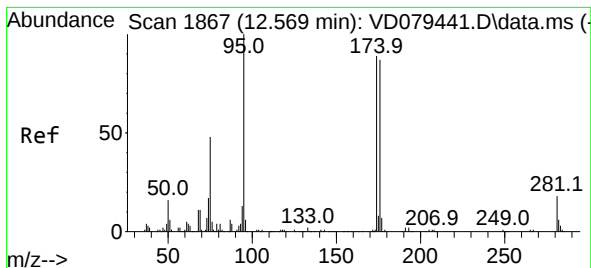
Tgt Ion: 98 Resp: 327292
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.212 ug/l
RT: 10.257 min Scan# 1474
Delta R.T. 0.100 min
Lab File: VD079462.D
Acq: 30 Jul 2024 16:48

Tgt Ion: 43 Resp: 1089
Ion Ratio Lower Upper
43 100
58 218.6 36.6 55.0#

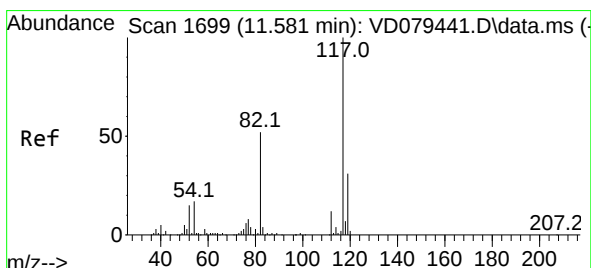
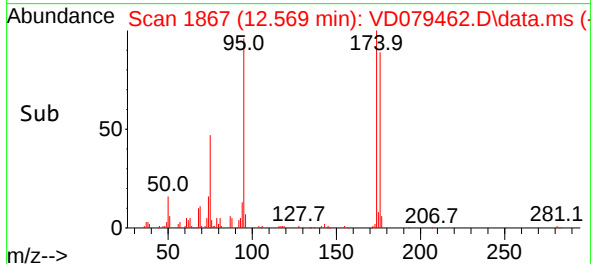
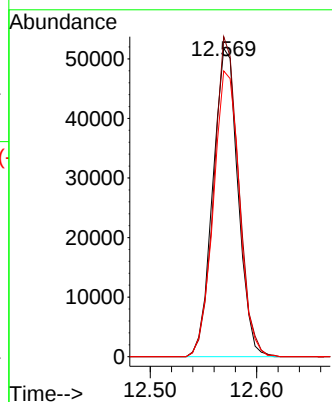
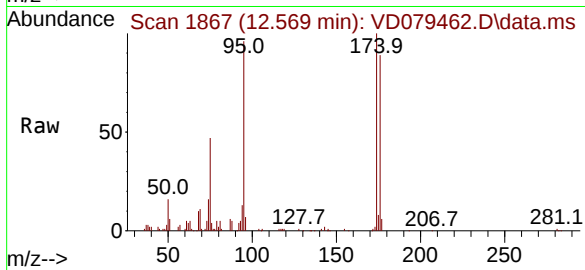




#62
4-Bromofluorobenzene
Concen: 45.075 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079462.D
Acq: 30 Jul 2024 16:48

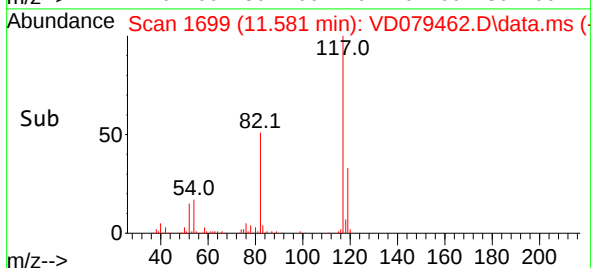
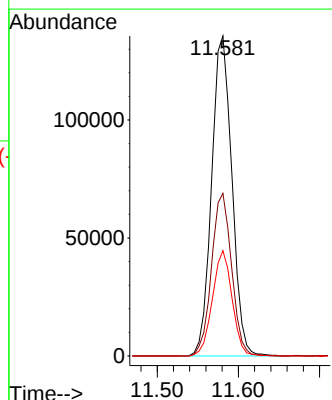
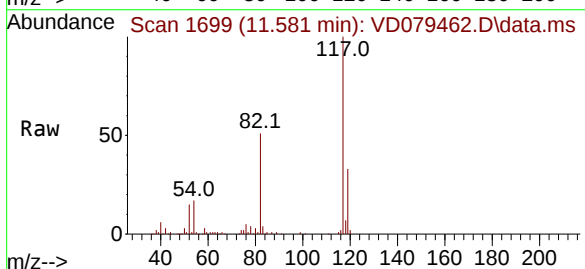
Instrument :
MSVOA_D
ClientSampleId :

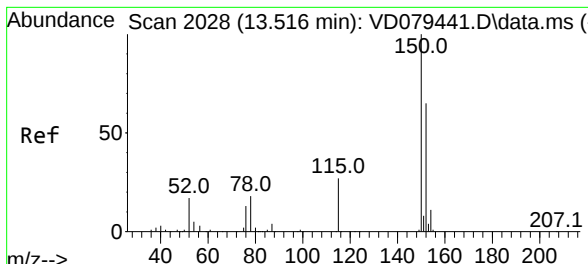
Tgt Ion	Ratio	Lower	Upper
95	100		
174	102.2	0.0	195.4
176	96.0	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079462.D
Acq: 30 Jul 2024 16:48

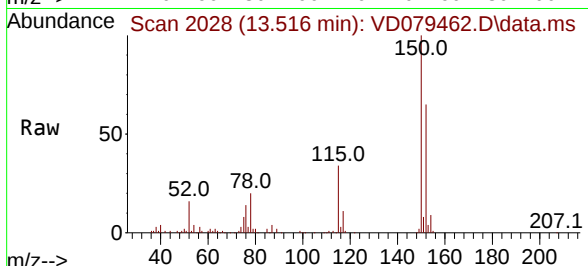
Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.8	39.8	59.6
119	32.9	25.7	38.5



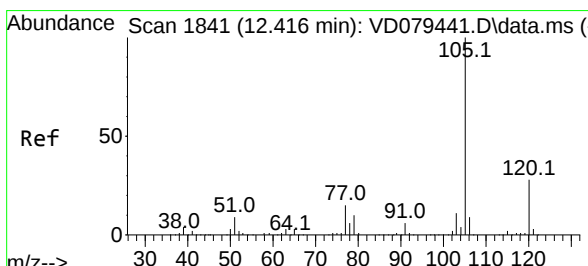
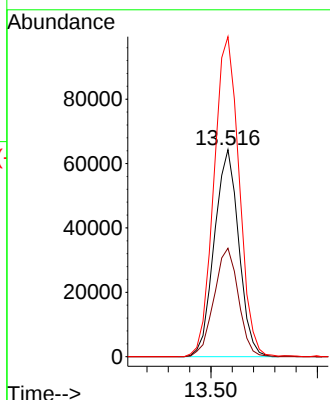
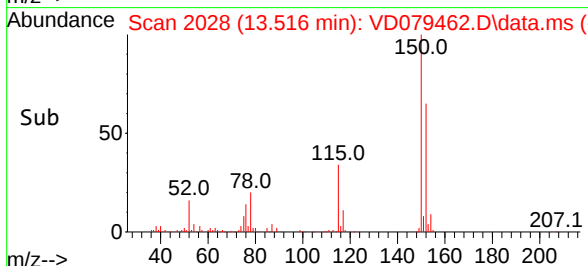


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.006 min
 Lab File: VD079462.D
 Acq: 30 Jul 2024 16:48

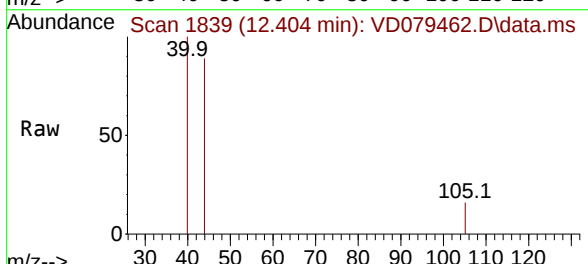
Instrument :
 MSVOA_D
 ClientSampleId :



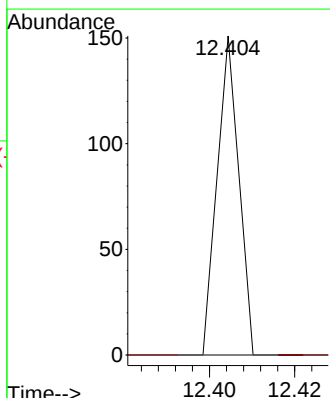
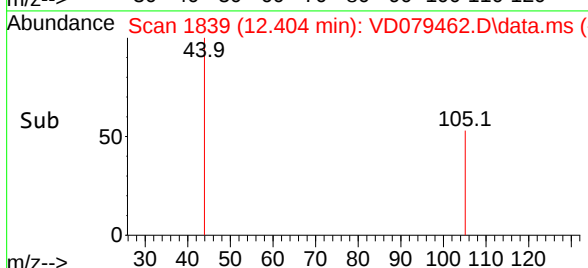
Tgt Ion:152 Resp: 102208
 Ion Ratio Lower Upper
 152 100
 115 52.4 26.5 79.5
 150 159.8 0.0 341.6

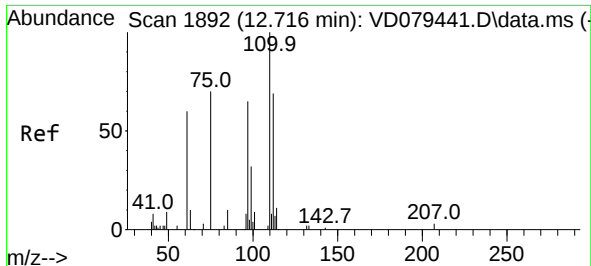


#73
 Isopropylbenzene
 Concen: 3.634 ug/l
 RT: 12.404 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: VD079462.D
 Acq: 30 Jul 2024 16:48



Tgt Ion:105 Resp: 53
 Ion Ratio Lower Upper
 105 100
 120 0.0 13.6 40.7#

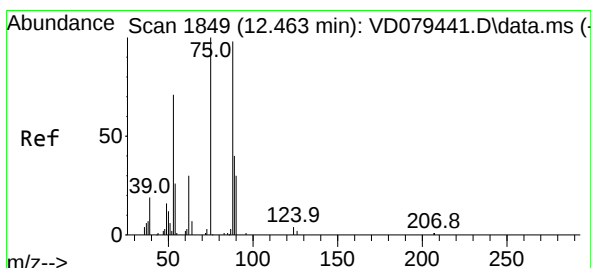
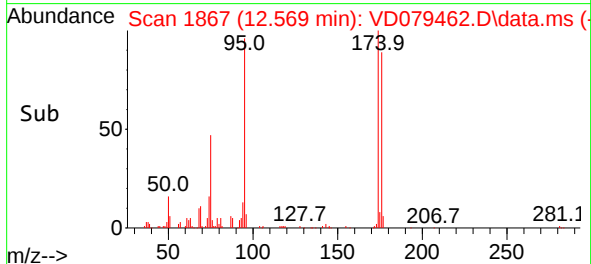
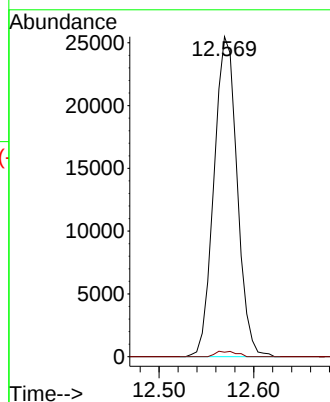
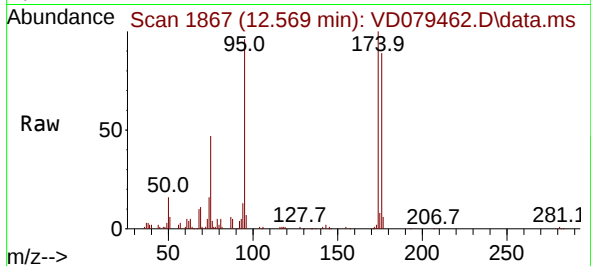




#76
1,2,3-Trichloropropane
Concen: 48.551 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079462.D
Acq: 30 Jul 2024 16:48

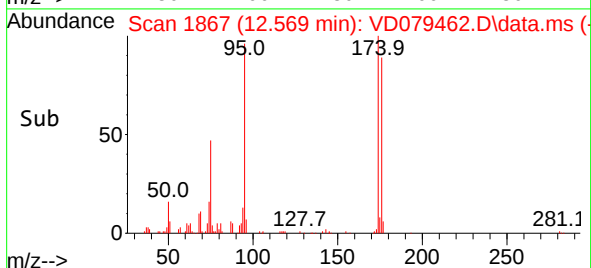
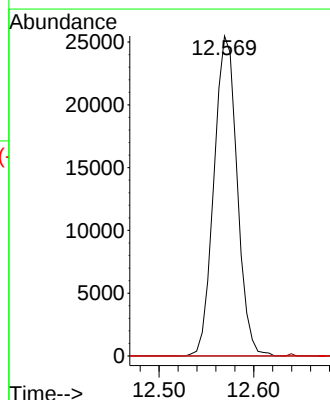
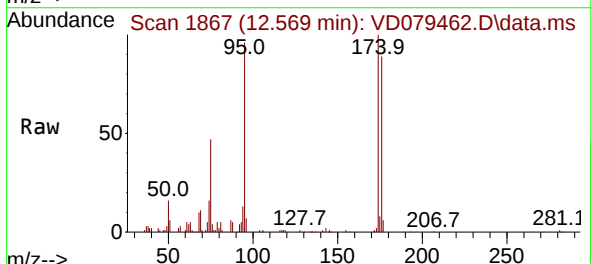
Instrument :
MSVOA_D
ClientSampleId :

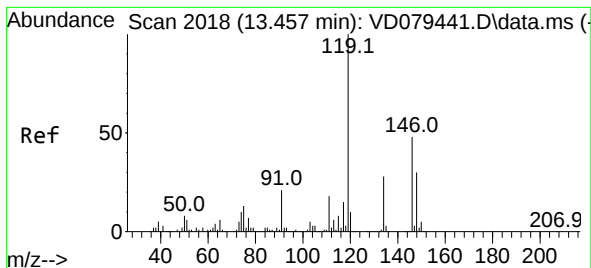
Tgt Ion: 75 Resp: 43375
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.599 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079462.D
Acq: 30 Jul 2024 16:48

Tgt Ion: 75 Resp: 43375
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#

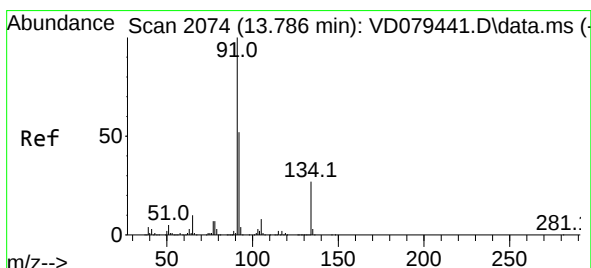
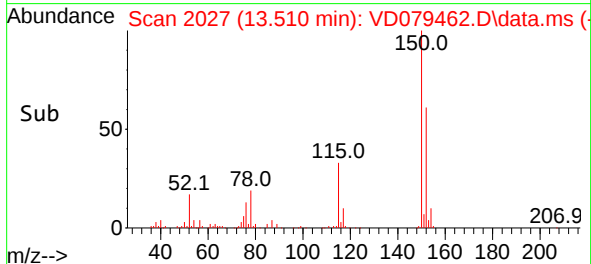
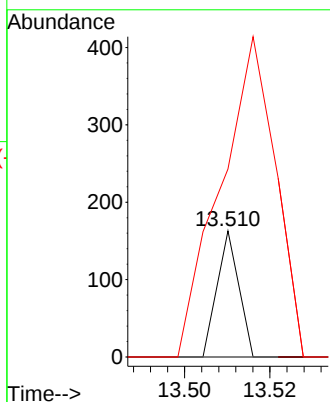
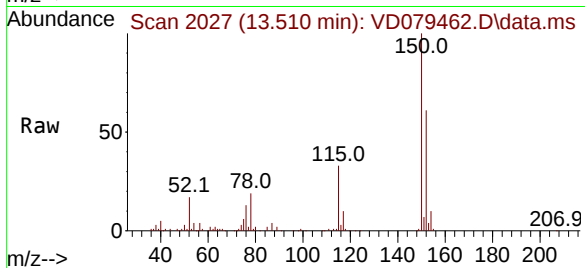




#86
p-Isopropyltoluene
Concen: 3.894 ug/l
RT: 13.510 min Scan# 2018
Delta R.T. 0.053 min
Lab File: VD079462.D
Acq: 30 Jul 2024 16:48

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:119 Resp: 57
Ion Ratio Lower Upper
119 100
134 0.0 13.7 41.1#
91 650.9 10.7 32.1#



#89
n-Butylbenzene
Concen: 3.793 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VD079462.D
Acq: 30 Jul 2024 16:48

Tgt Ion: 91 Resp: 74
Ion Ratio Lower Upper
91 100
92 147.3 25.7 77.0#
134 0.0 13.6 40.8#

