

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079449.D
 Acq On : 30 Jul 2024 10:23
 Operator : RP/MD
 Sample : VD0730SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 30 15:41:04 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)

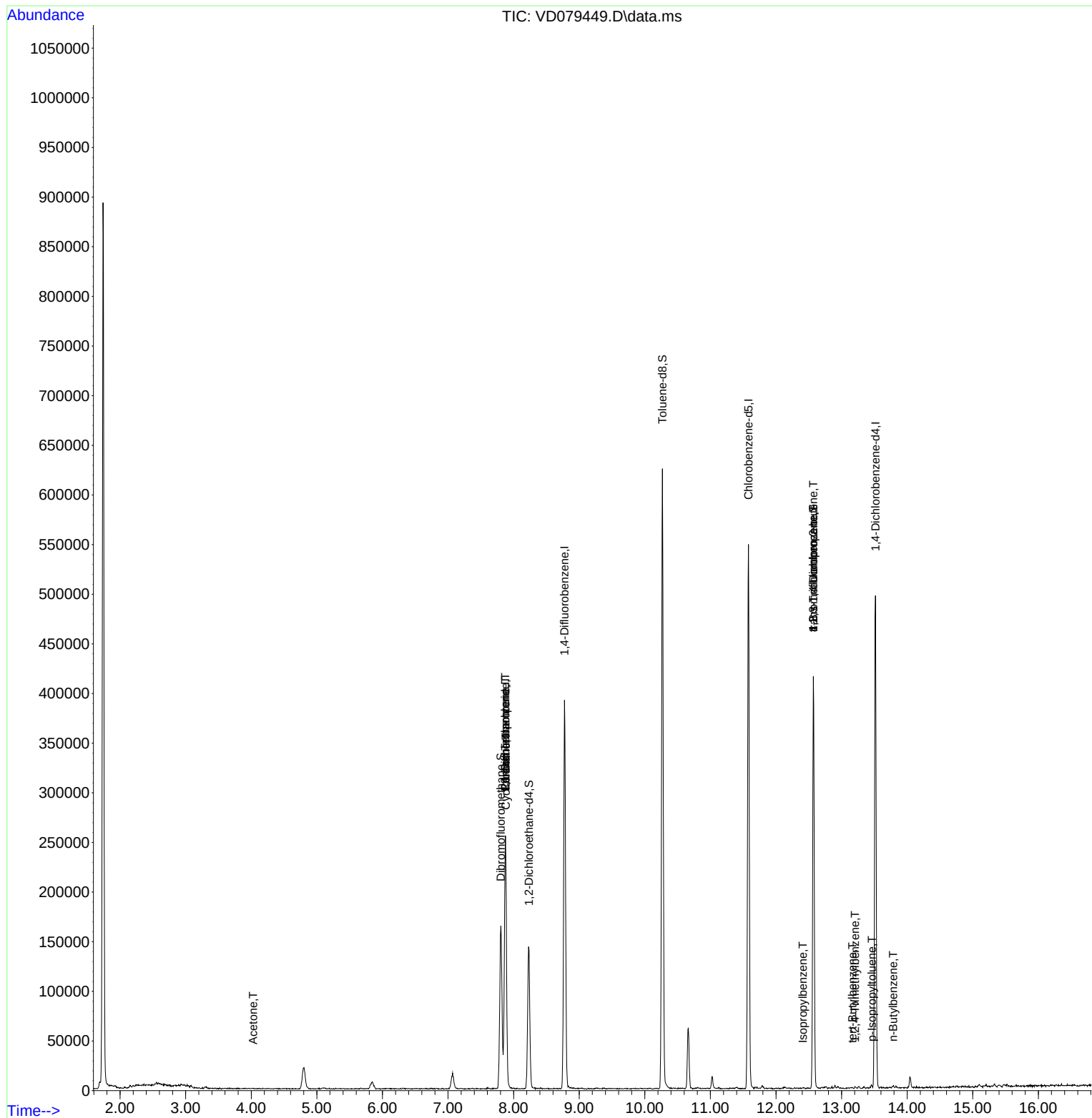
Internal Standards						
1) Pentafluorobenzene	7.875	168	202109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	360252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	331646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	143472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	110882	54.004	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.000%	
35) Dibromofluoromethane	7.805	113	119486	49.003	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.000%	
50) Toluene-d8	10.269	98	432208	45.644	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.280%	
62) 4-Bromofluorobenzene	12.569	95	116552	42.535	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.060%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.705	94	970	Below Cal		100
11) Tert butyl alcohol	5.028	59	73	Below Cal	#	86
16) Acetone	4.028	43	638	1.599	ug/l #	37
20) Methylene Chloride	4.805	84	17544	Below Cal	#	81
31) Cyclohexane	7.881	56	4456	1.307	ug/l #	25
36) 1,1-Dichloropropene	7.875	75	15617	4.692	ug/l #	44
38) Carbon Tetrachloride	7.875	117	19626	5.610	ug/l #	18
73) Isopropylbenzene	12.410	105	250	3.649	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	56138	44.764	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	56138	85.377	ug/l #	19
83) tert-Butylbenzene	13.163	119	487	3.686	ug/l #	74
84) 1,2,4-Trimethylbenzene	13.204	105	931	3.525	ug/l	81
86) p-Isopropyltoluene	13.463	119	770	3.957	ug/l	94
89) n-Butylbenzene	13.787	91	1499	3.931	ug/l	86

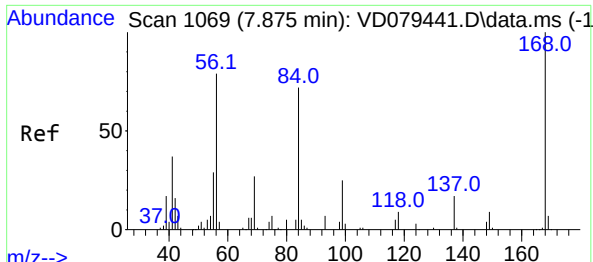
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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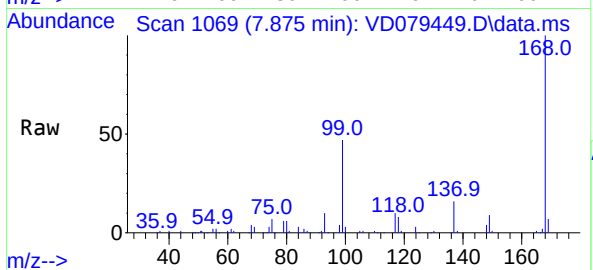
Quant Time: Jul 30 15:41:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



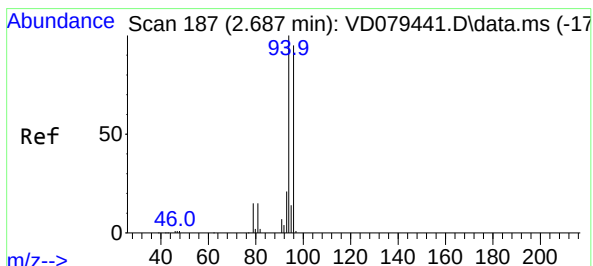
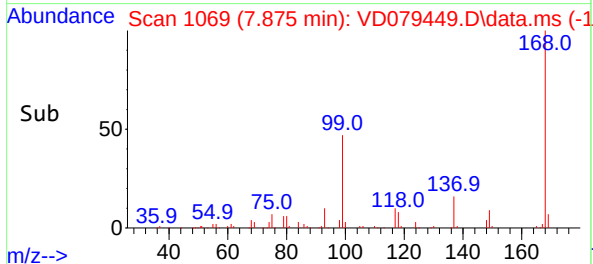
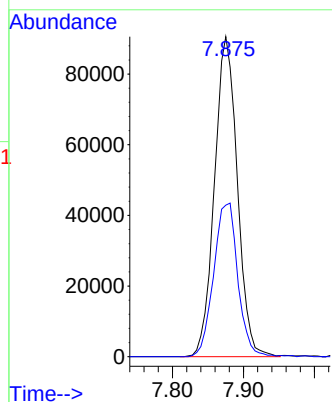


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23

Instrument :
MSVOA_D
ClientSampleId :

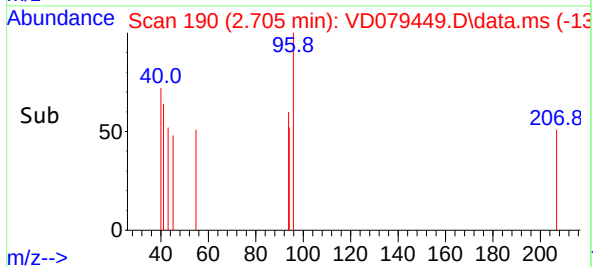
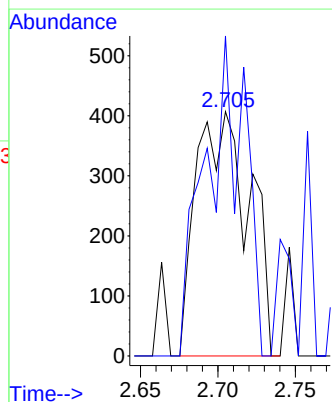
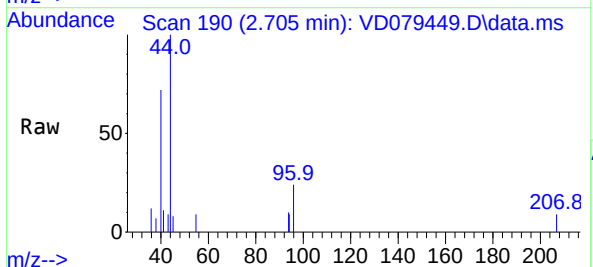


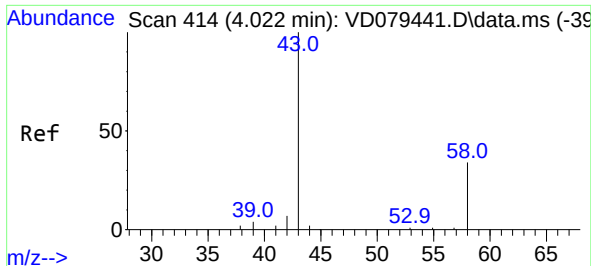
Tgt Ion:168 Resp: 202109
Ion Ratio Lower Upper
168 100
99 47.4 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.705 min Scan# 190
Delta R.T. 0.018 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23

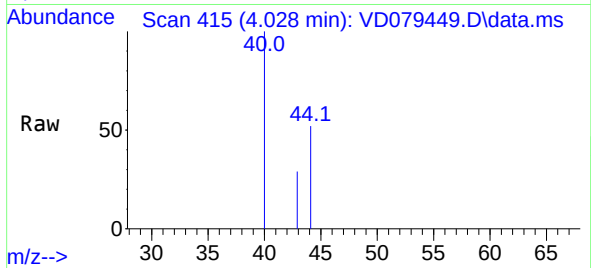
Tgt Ion: 94 Resp: 970
Ion Ratio Lower Upper
94 100
96 96.3 76.9 115.3



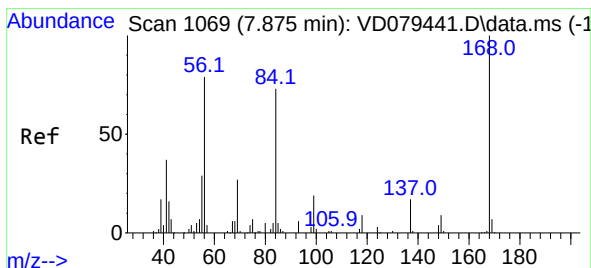
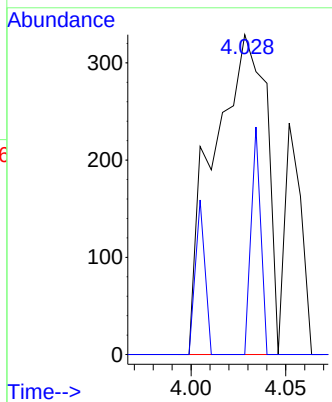
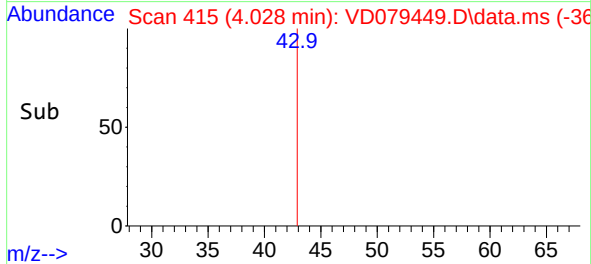


#16
Acetone
Concen: 1.599 ug/l
RT: 4.028 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23

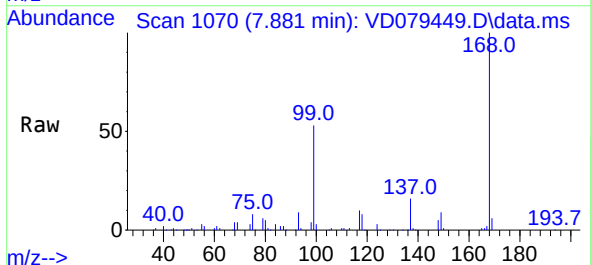
Instrument :
MSVOA_D
ClientSampleId :



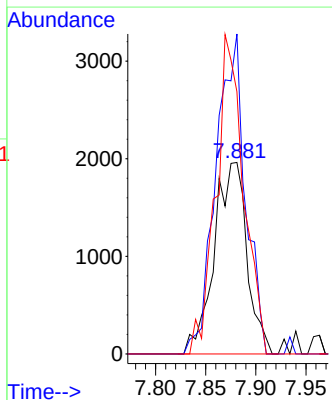
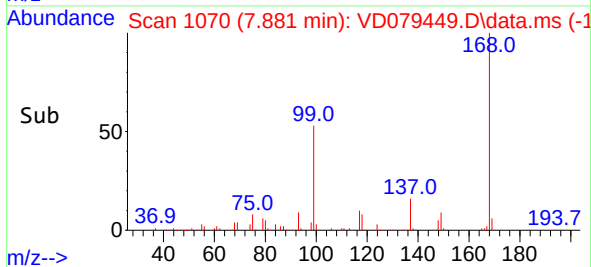
Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#

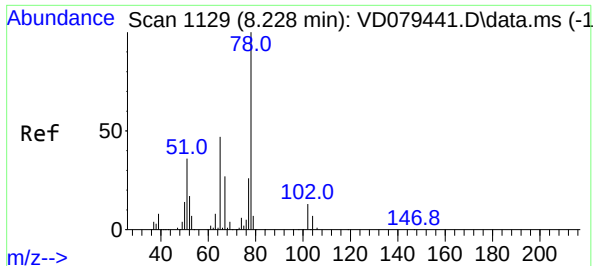


#31
Cyclohexane
Concen: 1.307 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23



Tgt Ion: 56 Resp: 4456
Ion Ratio Lower Upper
56 100
69 167.1 28.0 42.0#
84 137.0 87.4 131.0#

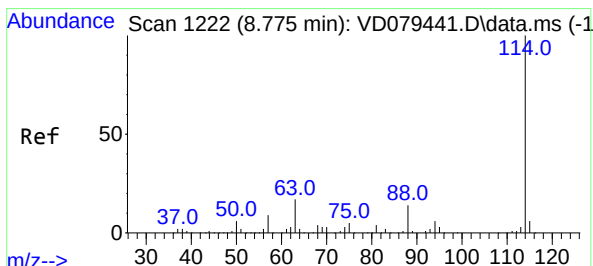
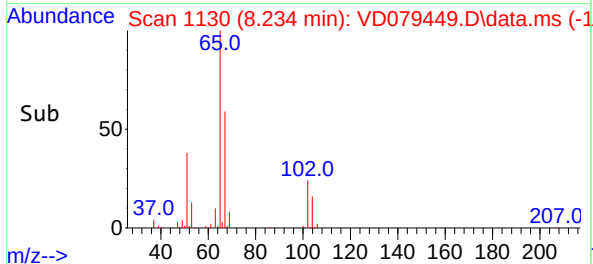
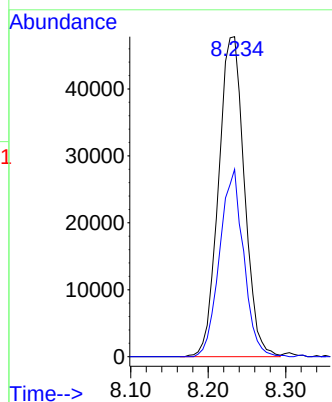
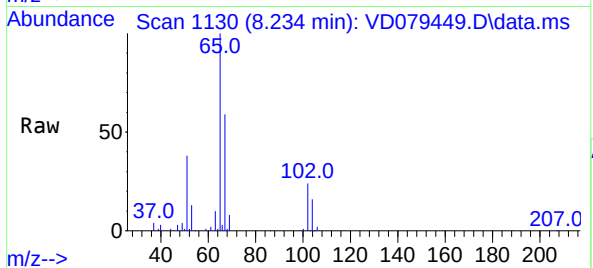




#33
 1,2-Dichloroethane-d4
 Concen: 54.004 ug/l
 RT: 8.234 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VD079449.D
 Acq: 30 Jul 2024 10:23

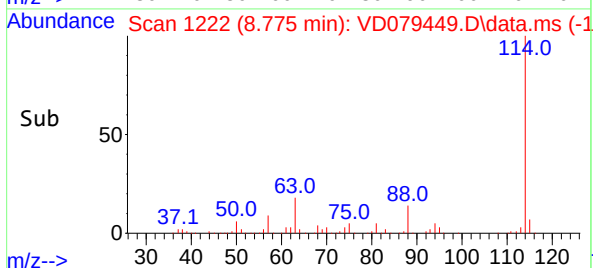
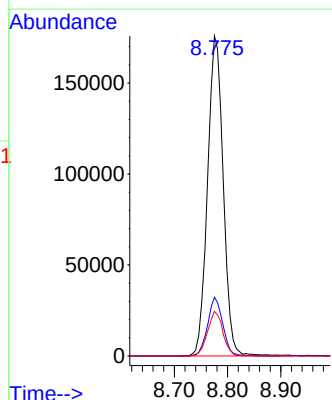
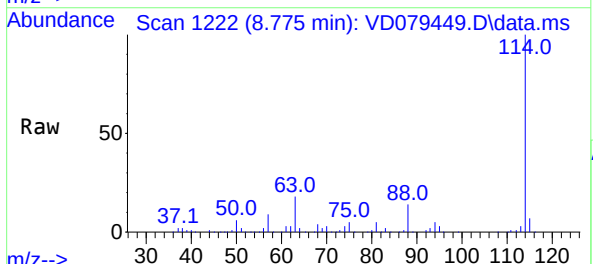
Instrument :
 MSVOA_D
 ClientSampleId :

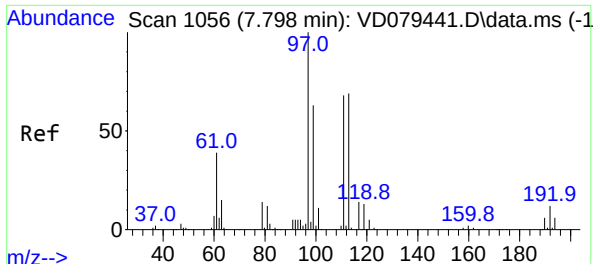
Tgt Ion: 65 Resp: 110882
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD079449.D
 Acq: 30 Jul 2024 10:23

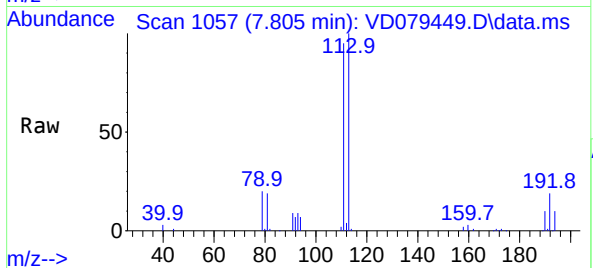
Tgt Ion: 114 Resp: 360252
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.0
 88 13.9 0.0 27.2



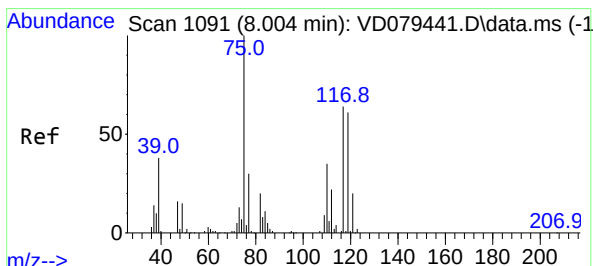
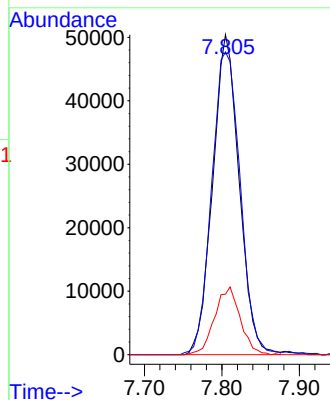
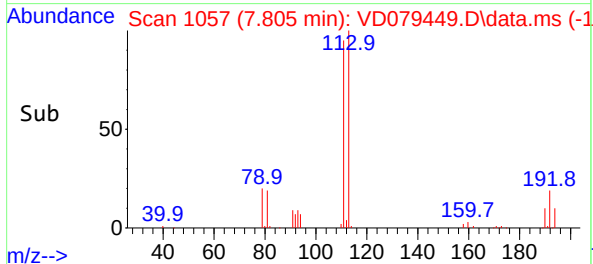


#35
Dibromofluoromethane
Concen: 49.003 ug/l
RT: 7.805 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23

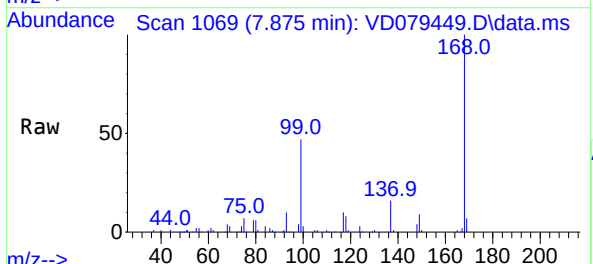
Instrument :
MSVOA_D
ClientSampleId :



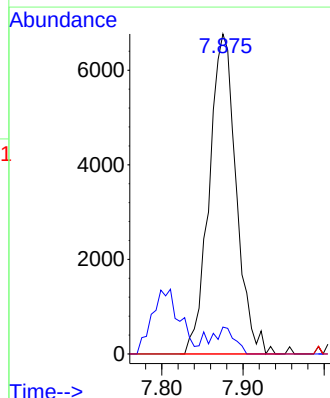
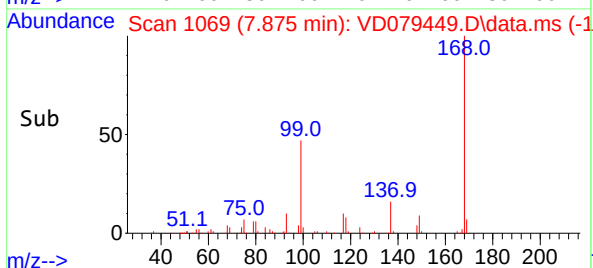
Tgt Ion:113 Resp: 119486
Ion Ratio Lower Upper
113 100
111 102.7 84.0 126.0
192 20.5 15.4 23.0

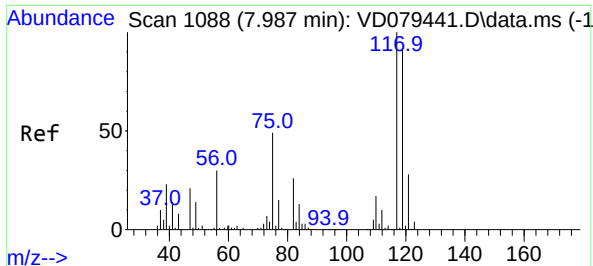


#36
1,1-Dichloropropene
Concen: 4.692 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23



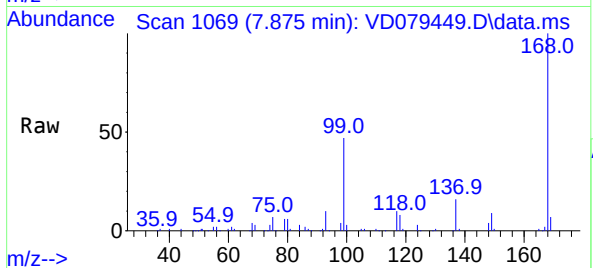
Tgt Ion: 75 Resp: 15617
Ion Ratio Lower Upper
75 100
110 5.9 19.6 58.7#
77 0.0 26.1 39.1#



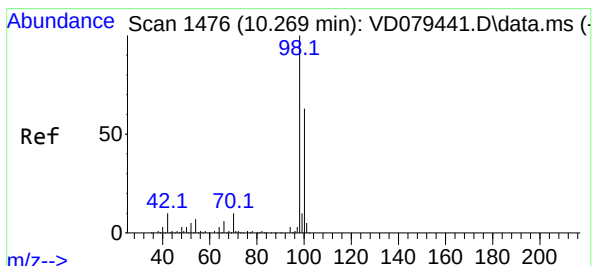
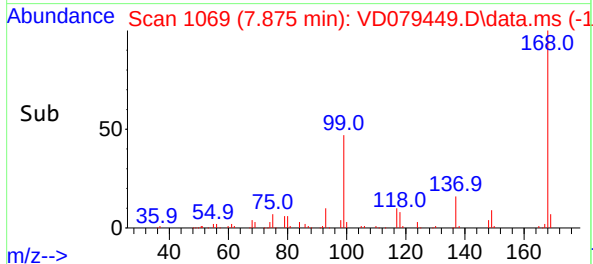
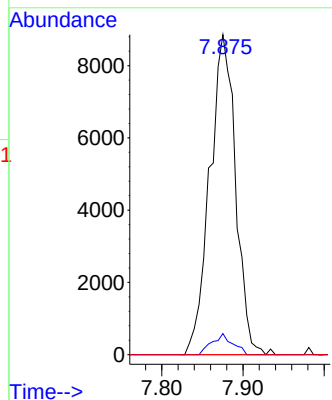


#38
Carbon Tetrachloride
Concen: 5.610 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23

Instrument :
MSVOA_D
ClientSampleId :

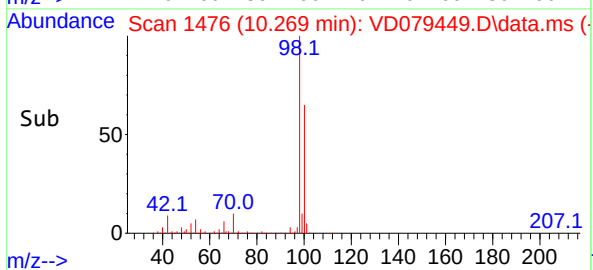
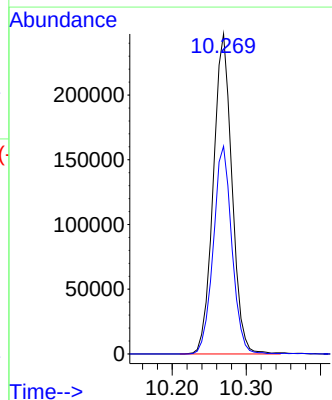
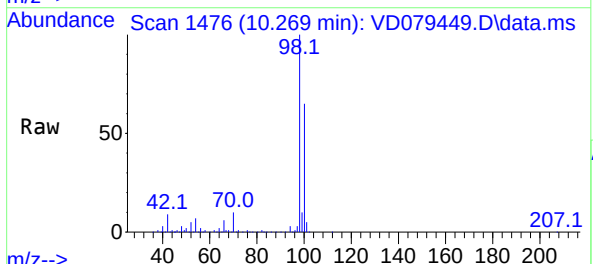


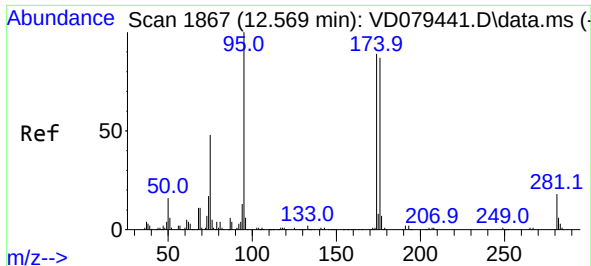
Tgt Ion:117 Resp: 19626
Ion Ratio Lower Upper
117 100
119 6.6 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 45.644 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23

Tgt Ion: 98 Resp: 432208
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4

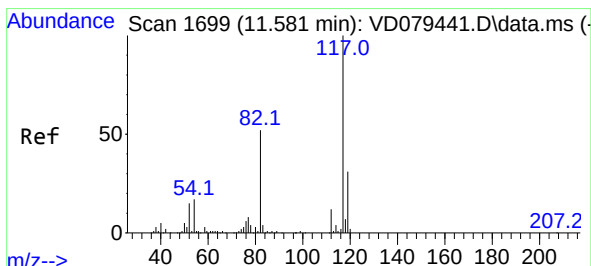
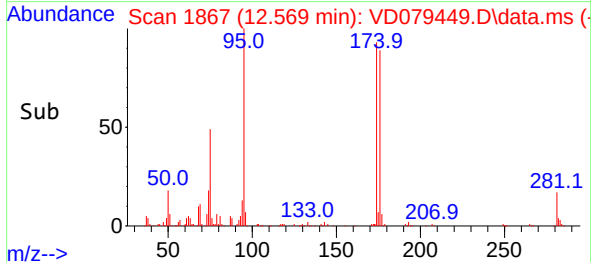
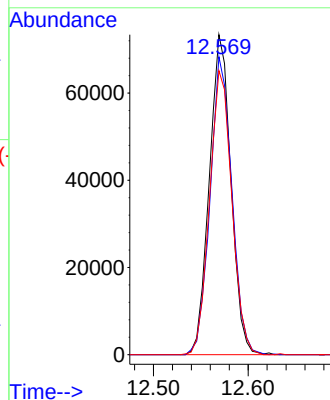
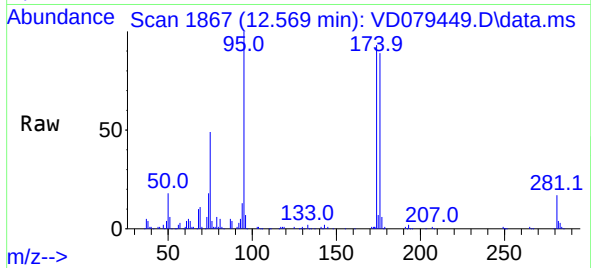




#62
4-Bromofluorobenzene
Concen: 42.535 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23

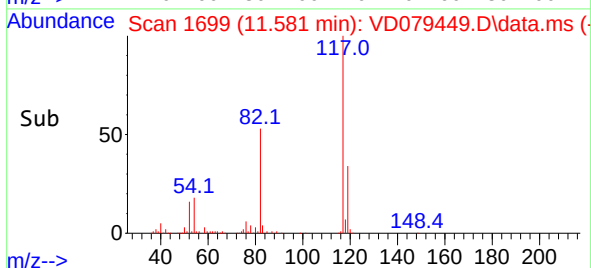
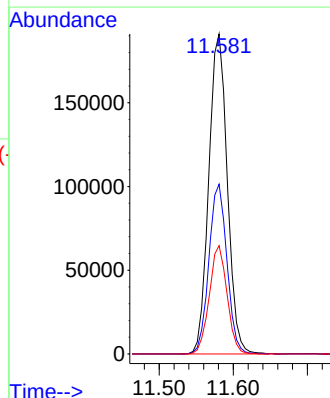
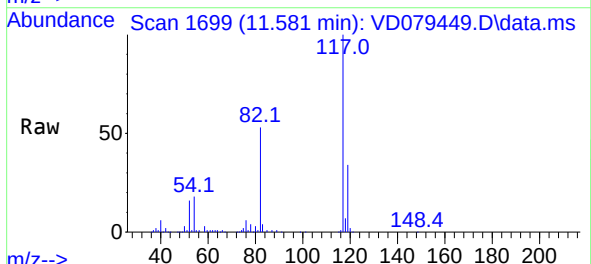
Instrument :
MSVOA_D
ClientSampleId :

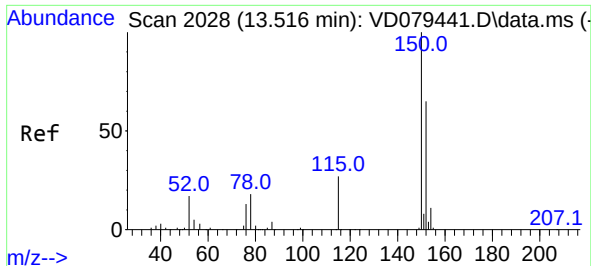
Tgt Ion: 95 Resp: 116552
Ion Ratio Lower Upper
95 100
174 93.5 0.0 195.4
176 91.5 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23

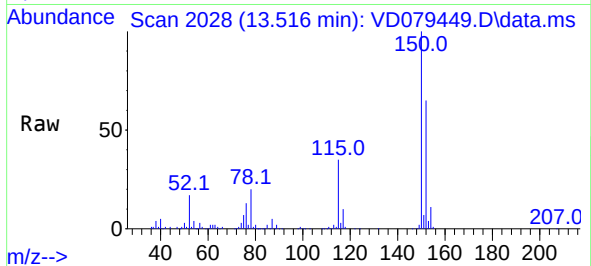
Tgt Ion: 117 Resp: 331646
Ion Ratio Lower Upper
117 100
82 53.0 39.8 59.6
119 33.8 25.7 38.5



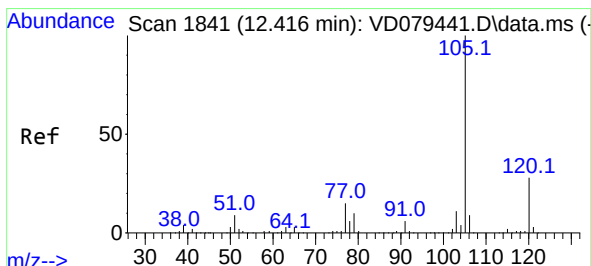
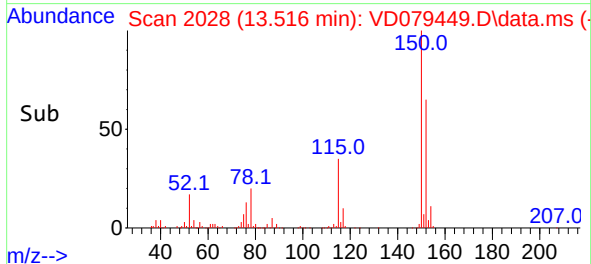
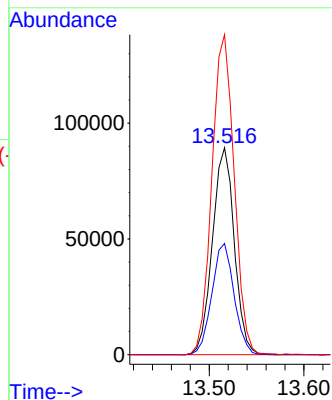


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23

Instrument :
MSVOA_D
ClientSampleId :

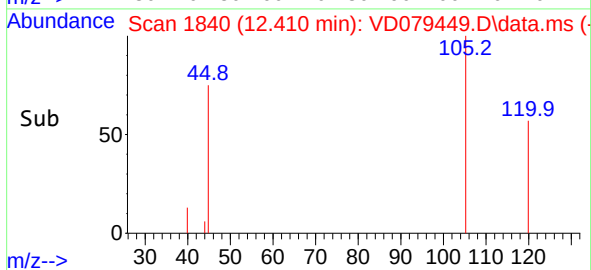
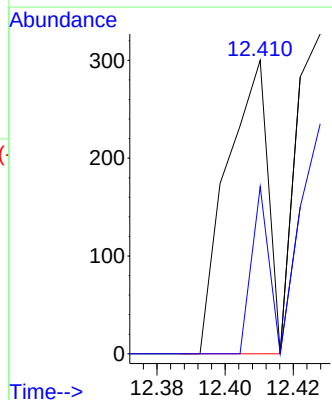
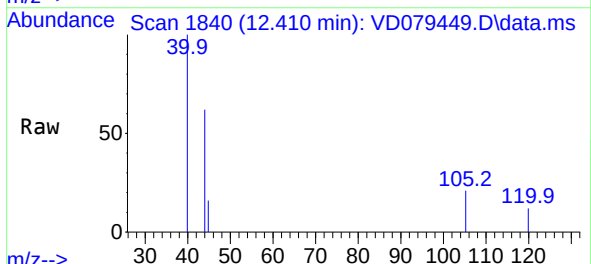


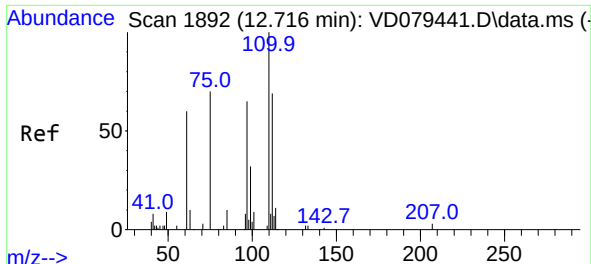
Tgt Ion:152 Resp: 143472
Ion Ratio Lower Upper
152 100
115 54.7 26.5 79.5
150 157.3 0.0 341.6



#73
Isopropylbenzene
Concen: 3.649 ug/l
RT: 12.410 min Scan# 1840
Delta R.T. -0.006 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23

Tgt Ion:105 Resp: 250
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.7#

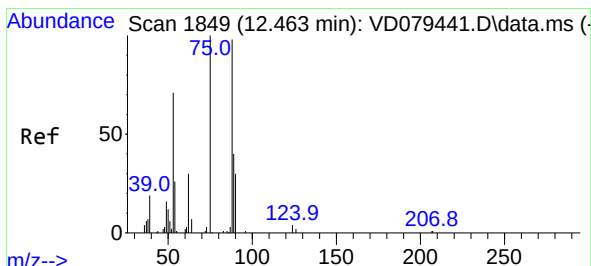
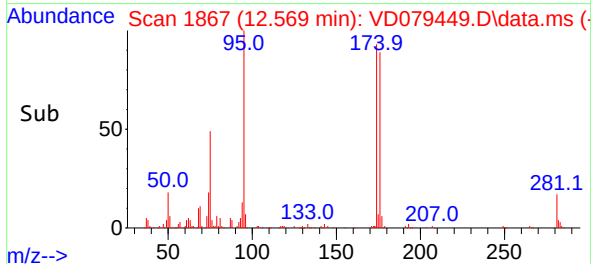
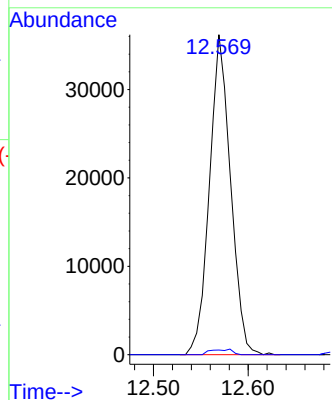
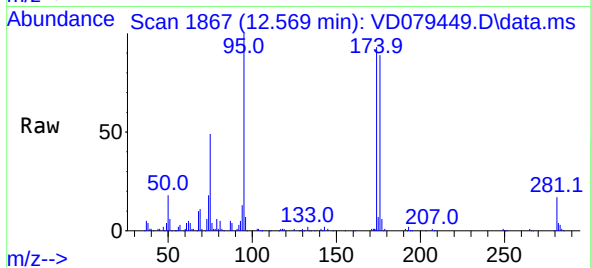




#76
1,2,3-Trichloropropane
Concen: 44.764 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23

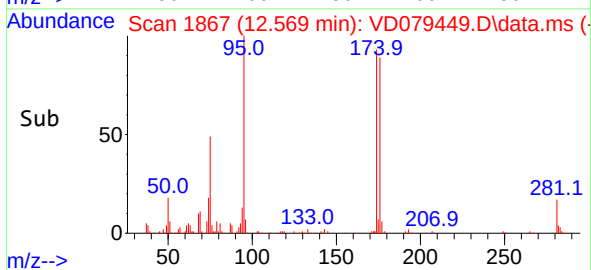
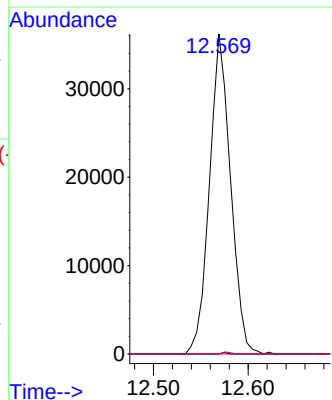
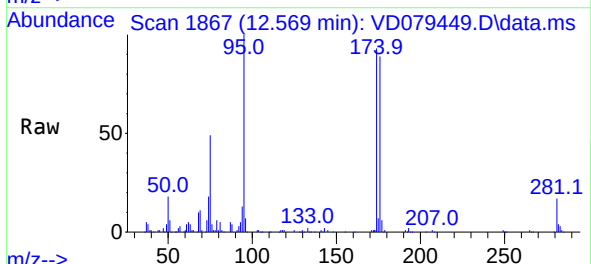
Instrument :
MSVOA_D
ClientSampleId :

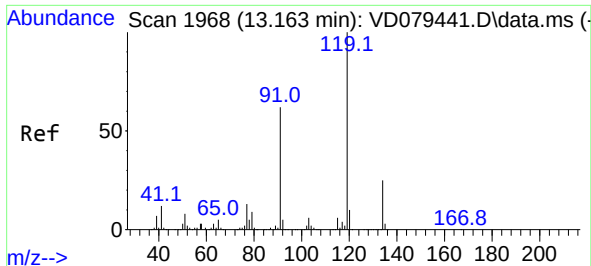
Tgt Ion: 75 Resp: 56138
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.377 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23

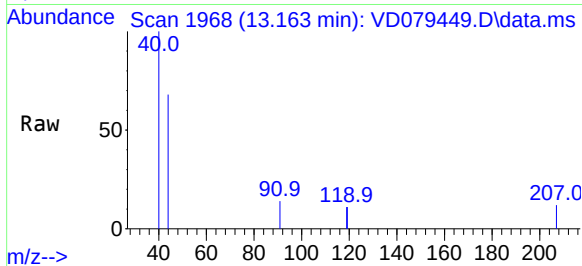
Tgt Ion: 75 Resp: 56138
Ion Ratio Lower Upper
75 100
53 0.1 61.4 92.2#
89 0.2 35.4 53.0#



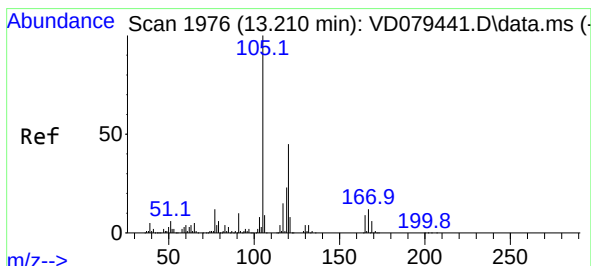
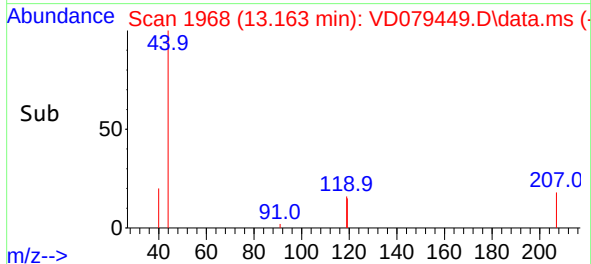
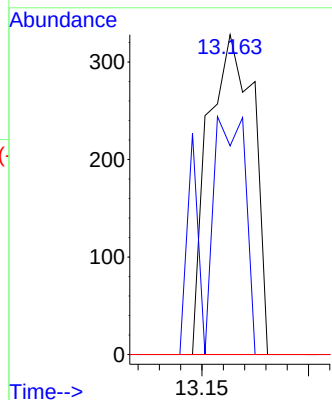


#83
tert-Butylbenzene
Concen: 3.686 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23

Instrument :
MSVOA_D
ClientSampleId :

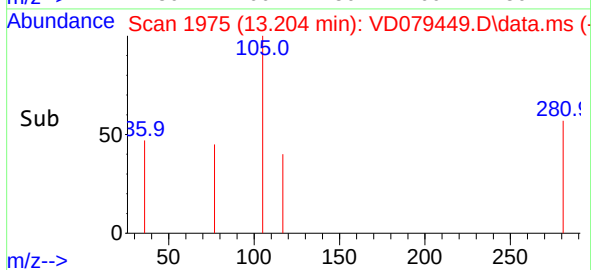
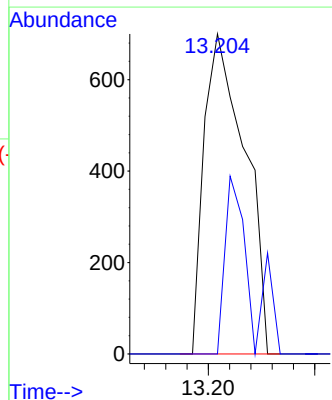
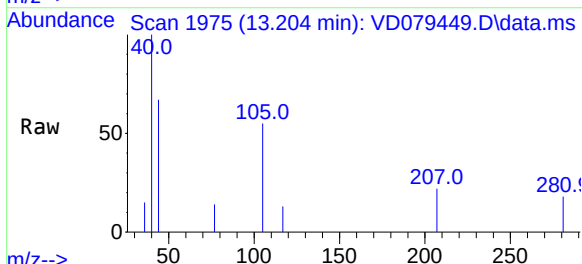


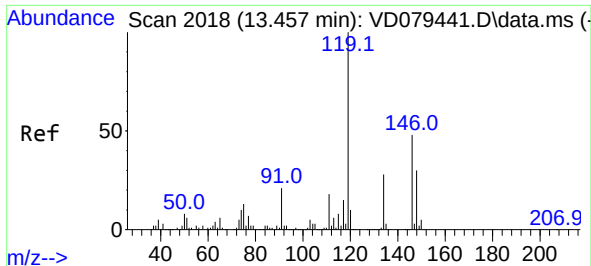
Tgt Ion:119 Resp: 487
Ion Ratio Lower Upper
119 100
91 67.1 28.2 84.7
134 0.0 13.4 40.1#



#84
1,2,4-Trimethylbenzene
Concen: 3.525 ug/l
RT: 13.204 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23

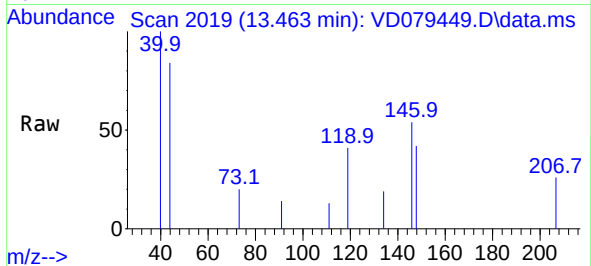
Tgt Ion:105 Resp: 931
Ion Ratio Lower Upper
105 100
120 34.3 23.6 71.0



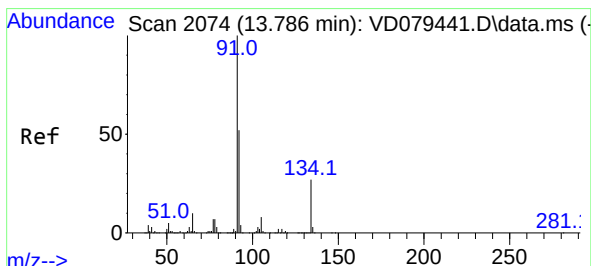
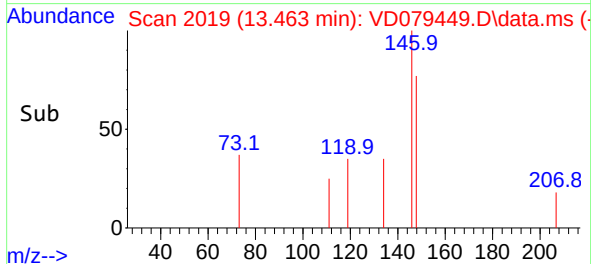
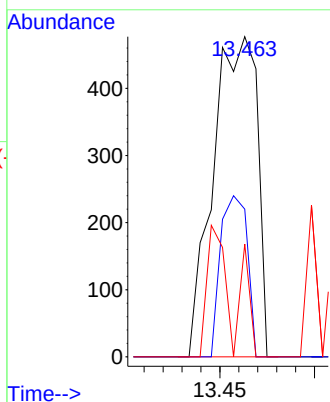


#86
p-Isopropyltoluene
Concen: 3.957 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:119 Resp: 770
Ion Ratio Lower Upper
119 100
134 30.5 13.7 41.1
91 24.2 10.7 32.1



#89
n-Butylbenzene
Concen: 3.931 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23

Tgt Ion: 91 Resp: 1499
Ion Ratio Lower Upper
91 100
92 58.0 25.7 77.0
134 15.7 13.6 40.8

