

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101822\
 Data File : VD074562.D
 Acq On : 18 Oct 2022 13:30
 Operator : VA/SY
 Sample : N5162-01RE
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-4-101422

Quant Time: Oct 19 01:33:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

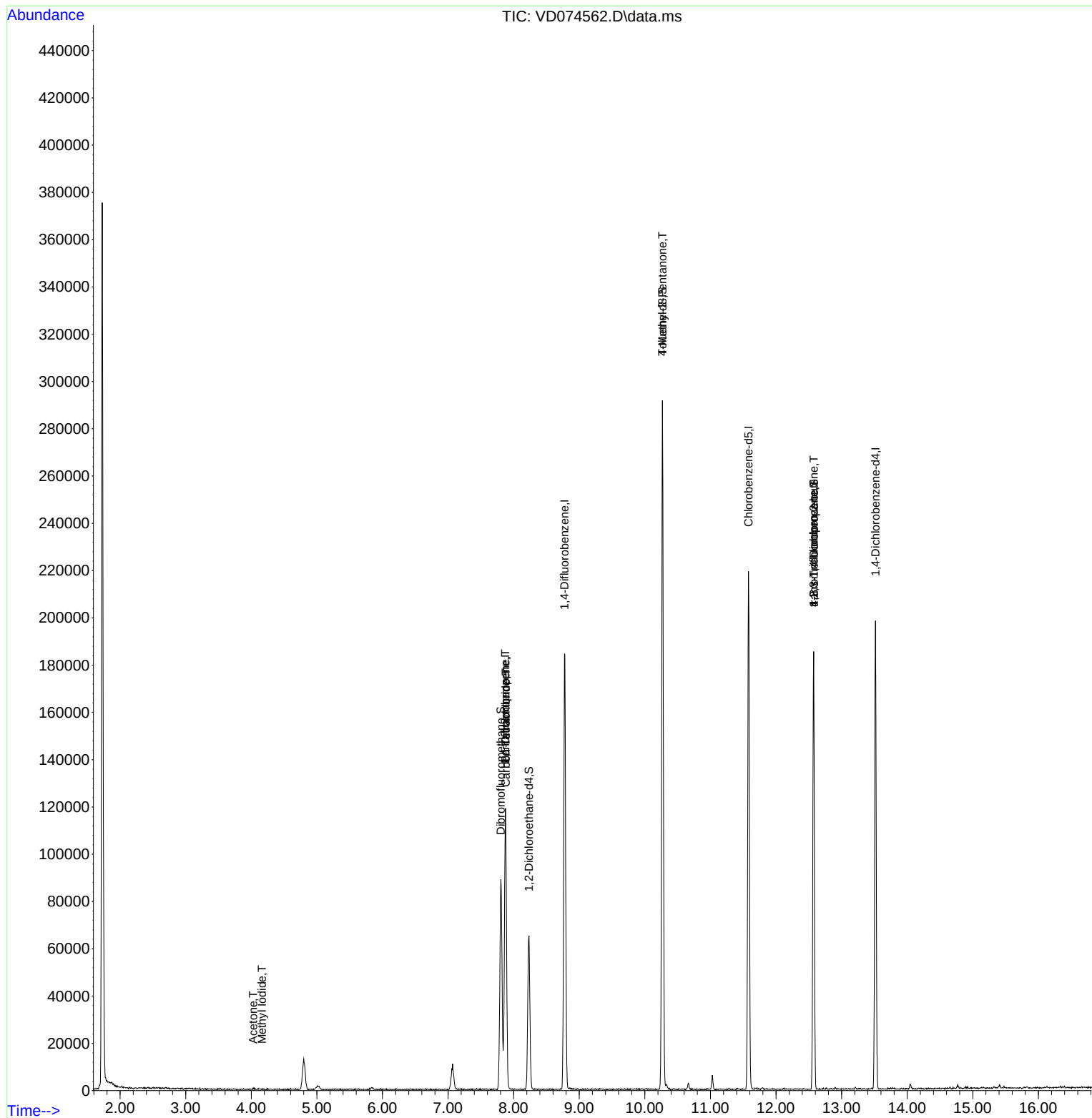
Internal Standards						
1) Pentafluorobenzene	7.875	168	97723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	181331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	139011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	57267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	51801	61.583	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.160%	
35) Dibromofluoromethane	7.804	113	64665	59.739	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.480%	
50) Toluene-d8	10.269	98	207548	49.998	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.000%	
62) 4-Bromofluorobenzene	12.574	95	57053	44.100	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.200%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.163	142	112	5.374	ug/l #	43
11) Tert butyl alcohol	5.010	59	1023	Below Cal	#	84
16) Acetone	4.028	43	343	1.890	ug/l #	37
36) 1,1-Dichloropropene	7.875	75	6965	4.002	ug/l #	46
38) Carbon Tetrachloride	7.881	117	9372	5.825	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	674	1.298	ug/l #	1
76) 1,2,3-Trichloropropane	12.574	75	28248	57.718	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.574	75	28248	146.409	ug/l #	17

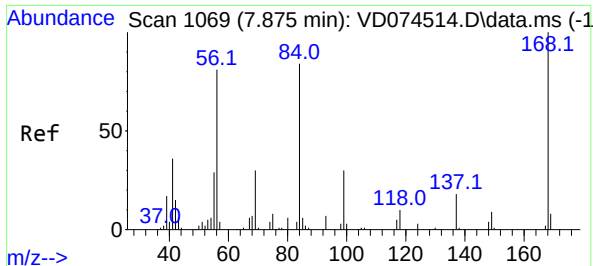
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 12 13:14:00 2022
Response via : Initial Calibration

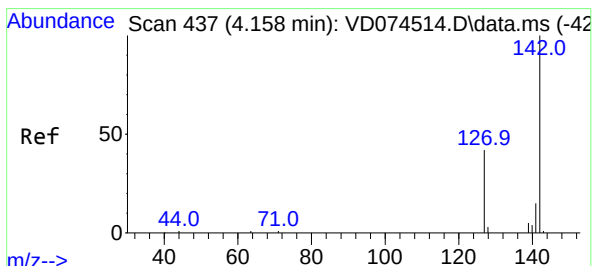
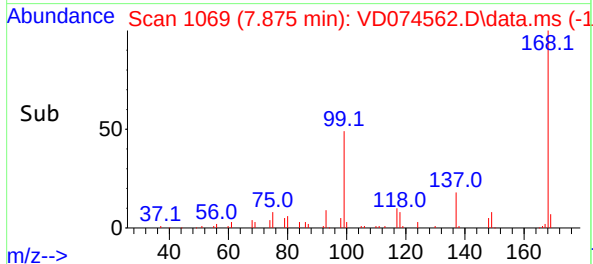
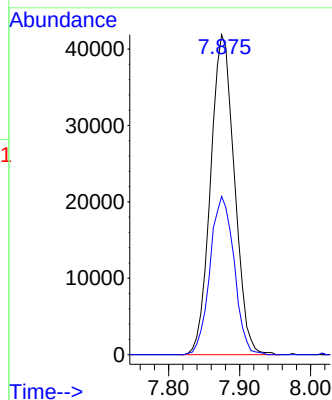
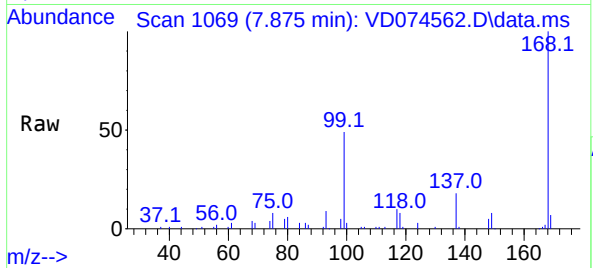




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074562.D
Acq: 18 Oct 2022 13:30

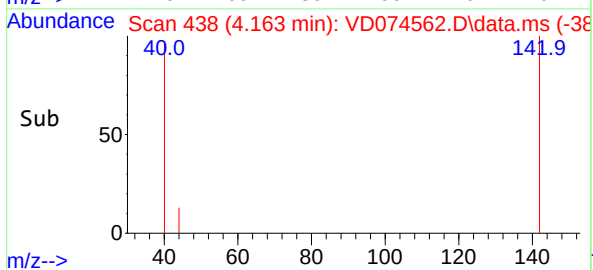
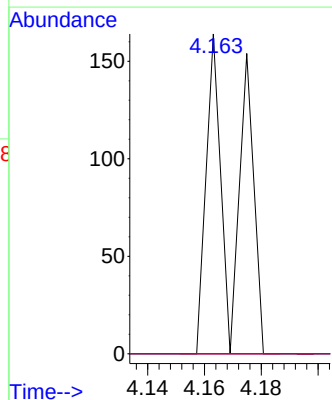
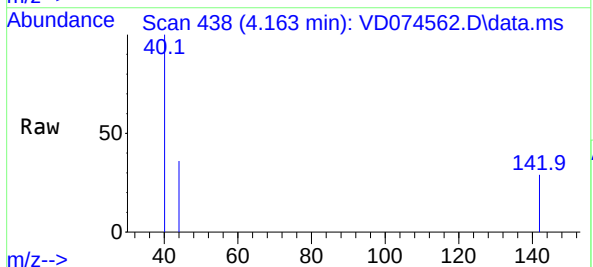
Instrument :
MSVOA_D
ClientSampleId :
TR-4-101422

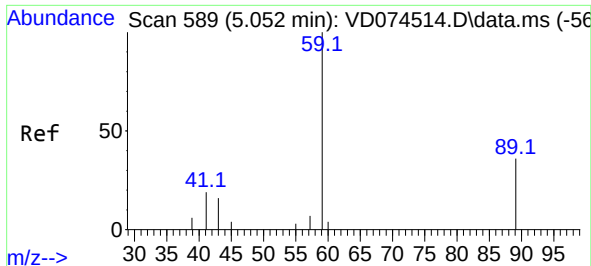
Tgt Ion:168 Resp: 97723
Ion Ratio Lower Upper
168 100
99 49.4 40.9 61.3



#10
Methyl Iodide
Concen: 5.374 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.005 min
Lab File: VD074562.D
Acq: 18 Oct 2022 13:30

Tgt Ion:142 Resp: 112
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

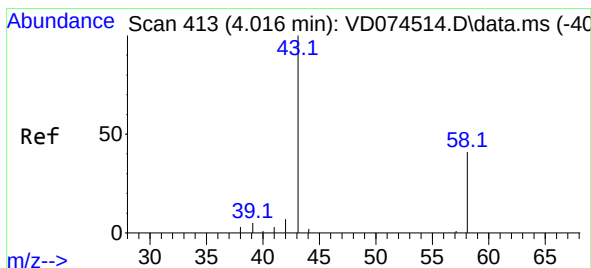
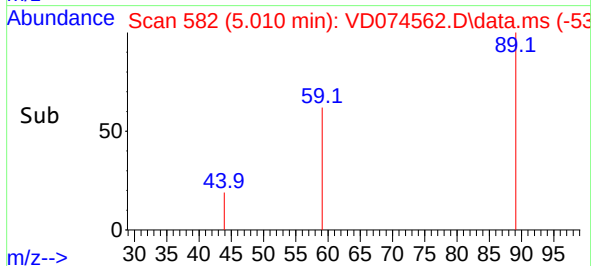
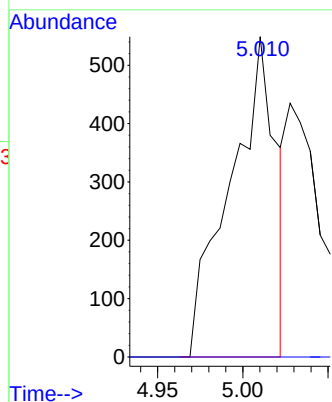
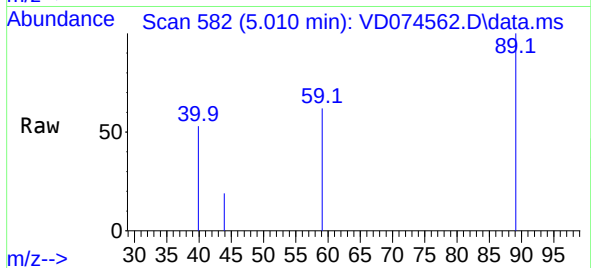




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.010 min Scan# 51
Delta R.T. -0.042 min
Lab File: VD074562.D
Acq: 18 Oct 2022 13:30

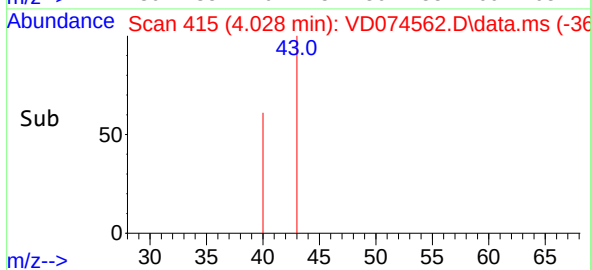
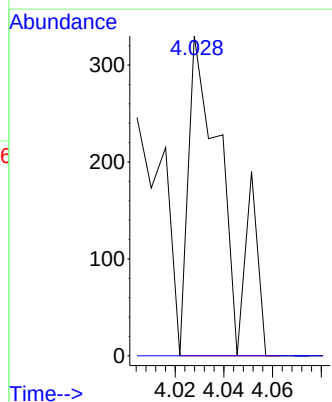
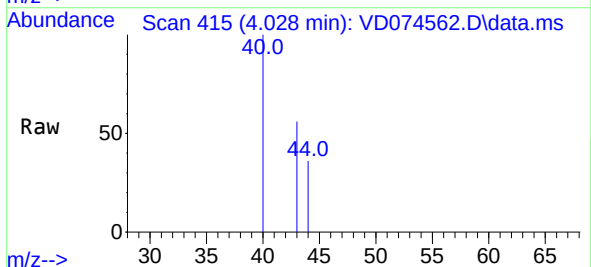
Instrument :
MSVOA_D
ClientSampleId :
TR-4-101422

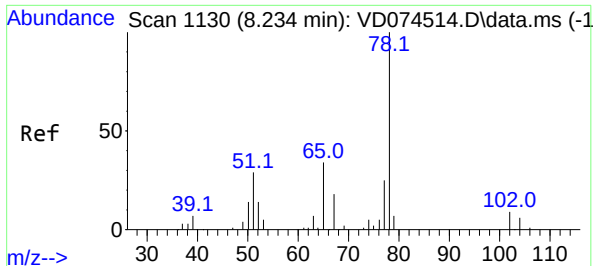
Tgt Ion: 59 Resp: 1023
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 1.890 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD074562.D
Acq: 18 Oct 2022 13:30

Tgt Ion: 43 Resp: 343
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 61.583 ug/l

RT: 8.233 min Scan# 1130

Delta R.T. 0.005 min

Lab File: VD074562.D

Acq: 18 Oct 2022 13:30

Instrument :

MSVOA_D

ClientSampleId :

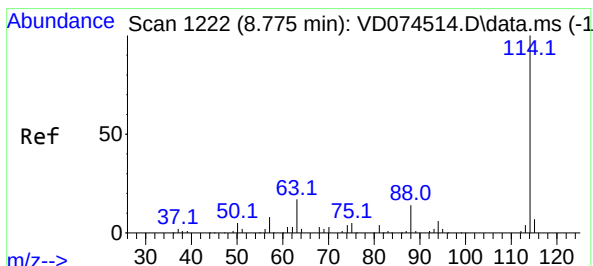
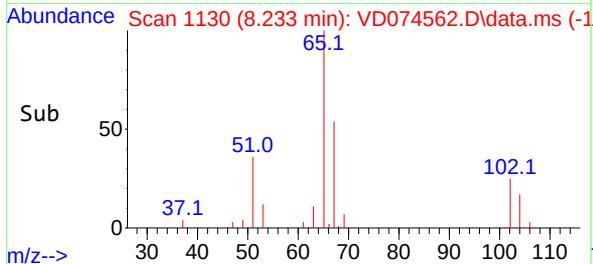
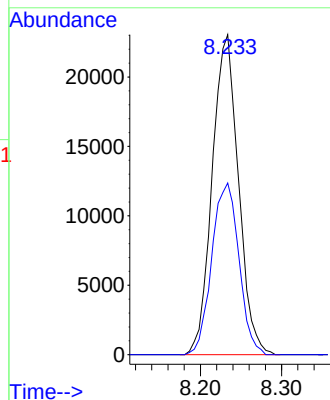
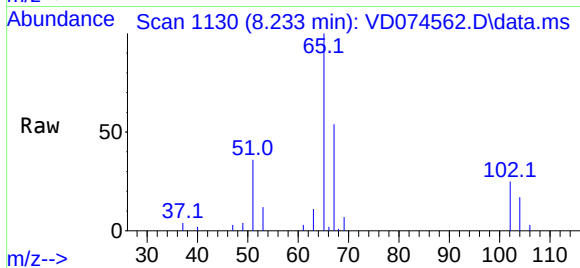
TR-4-101422

Tgt Ion: 65 Resp: 51801

Ion Ratio Lower Upper

65 100

67 55.3 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074562.D

Acq: 18 Oct 2022 13:30

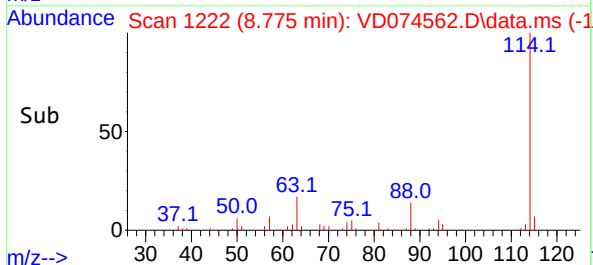
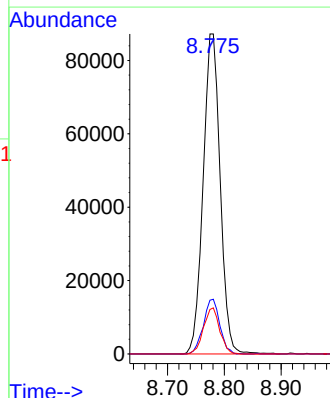
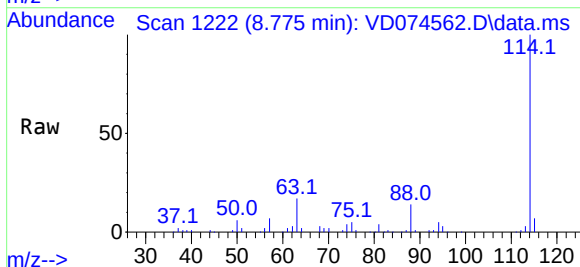
Tgt Ion: 114 Resp: 181331

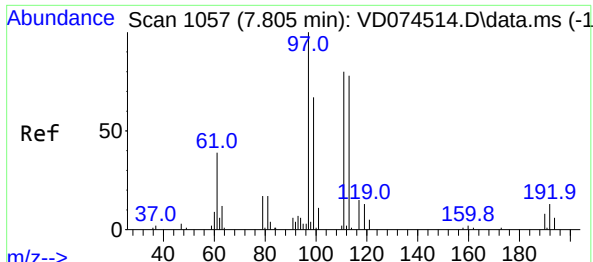
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.2

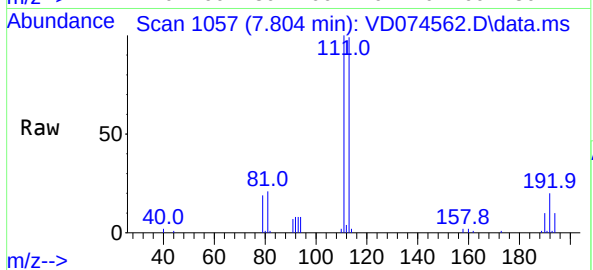
88 13.9 0.0 28.2



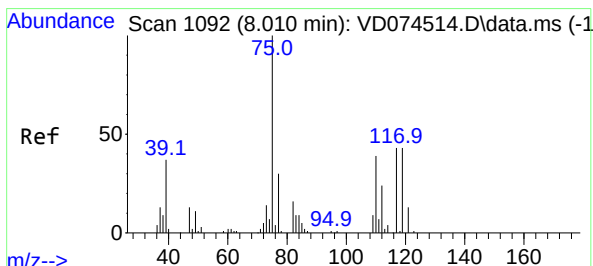
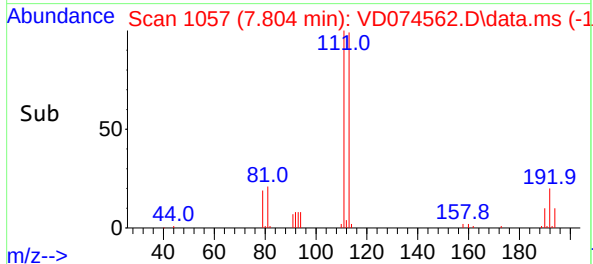
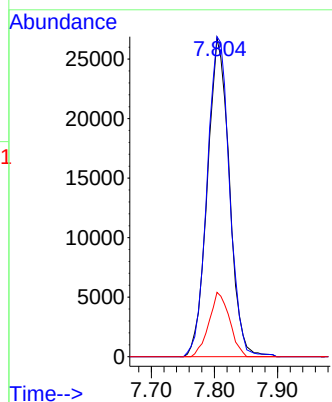


#35
Dibromofluoromethane
Concen: 59.739 ug/l
RT: 7.804 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074562.D
Acq: 18 Oct 2022 13:30

Instrument :
MSVOA_D
ClientSampleId :
TR-4-101422

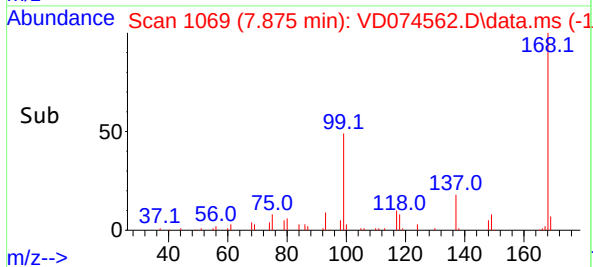
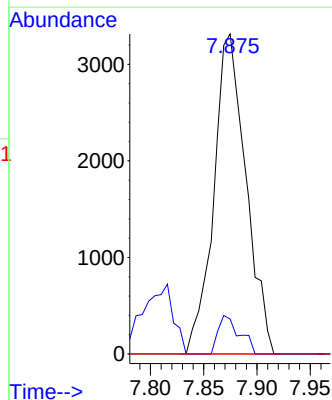
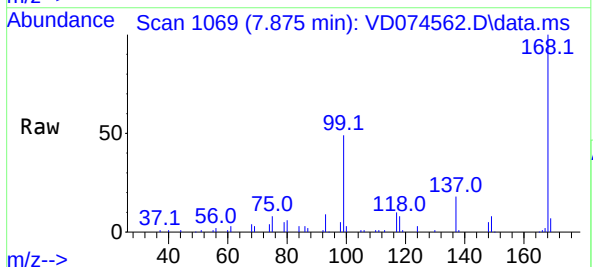


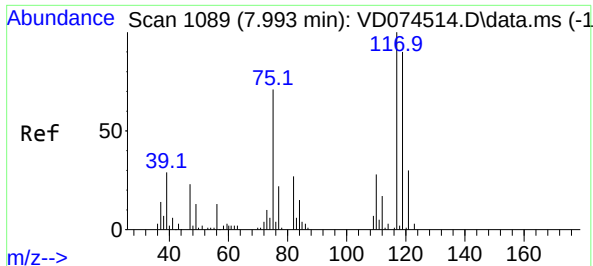
Tgt Ion:	113	Resp:	64665
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.3	123.5
192	18.9	16.4	24.6



#36
1,1-Dichloropropene
Concen: 4.002 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD074562.D
Acq: 18 Oct 2022 13:30

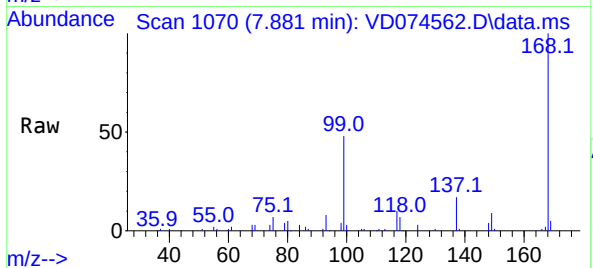
Tgt Ion:	75	Resp:	6965
Ion	Ratio	Lower	Upper
75	100		
110	8.0	19.7	59.0#
77	0.0	25.4	38.2#



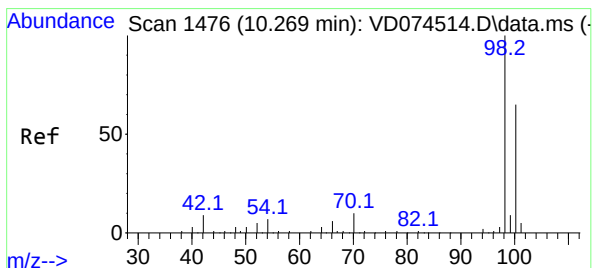
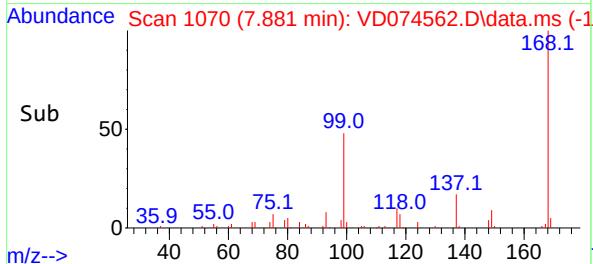
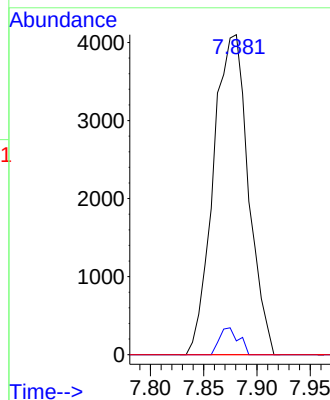


#38
Carbon Tetrachloride
Concen: 5.825 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.106 min
Lab File: VD074562.D
Acq: 18 Oct 2022 13:30

Instrument :
MSVOA_D
ClientSampleId :
TR-4-101422

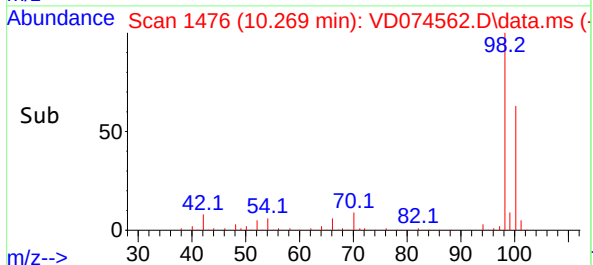
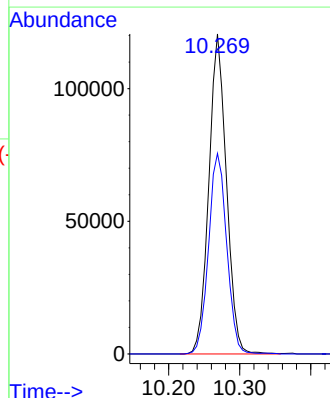
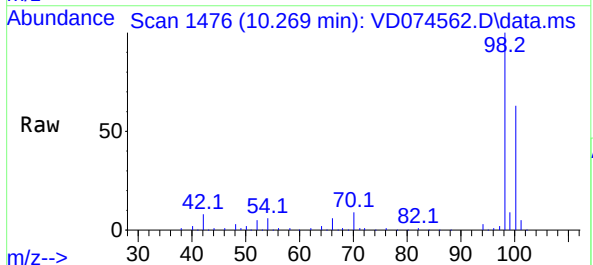


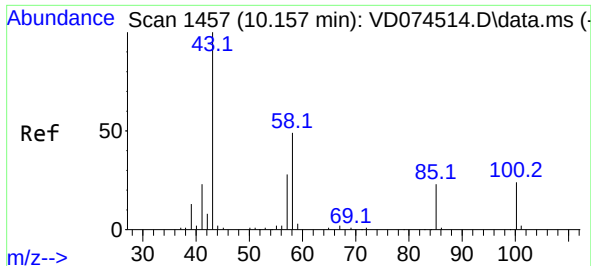
Tgt Ion:117 Resp: 9372
Ion Ratio Lower Upper
117 100
119 4.3 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 49.998 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074562.D
Acq: 18 Oct 2022 13:30

Tgt Ion: 98 Resp: 207548
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 1.298 ug/l

RT: 10.269 min Scan# 1457

Delta R.T. 0.112 min

Lab File: VD074562.D

Acq: 18 Oct 2022 13:30

Instrument :

MSVOA_D

ClientSampleId :

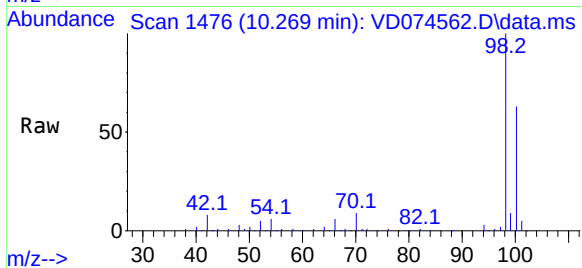
TR-4-101422

Tgt Ion: 43 Resp: 674

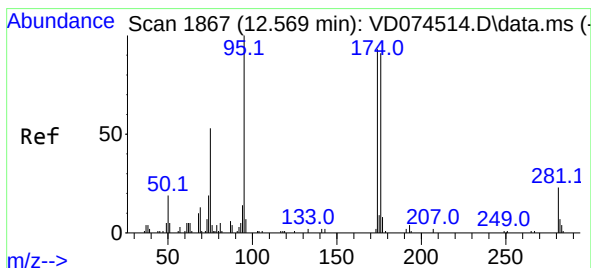
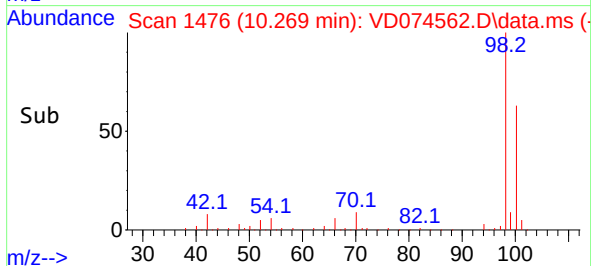
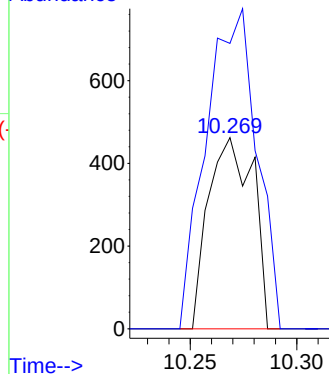
Ion Ratio Lower Upper

43 100

58 189.9 37.8 56.6#



Abundance



#62

4-Bromofluorobenzene

Concen: 44.100 ug/l

RT: 12.574 min Scan# 1868

Delta R.T. 0.005 min

Lab File: VD074562.D

Acq: 18 Oct 2022 13:30

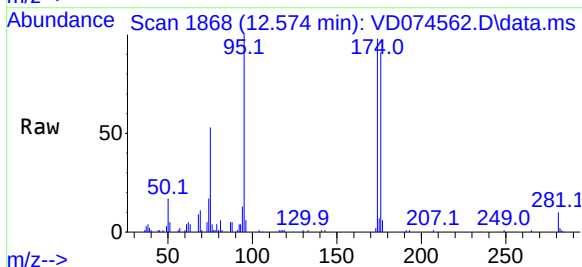
Tgt Ion: 95 Resp: 57053

Ion Ratio Lower Upper

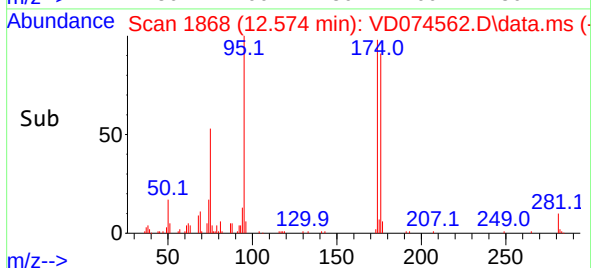
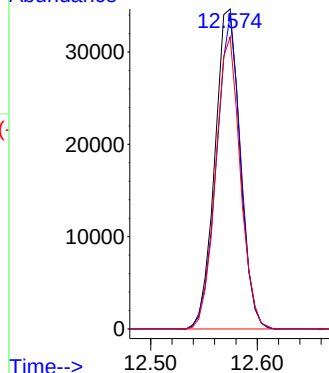
95 100

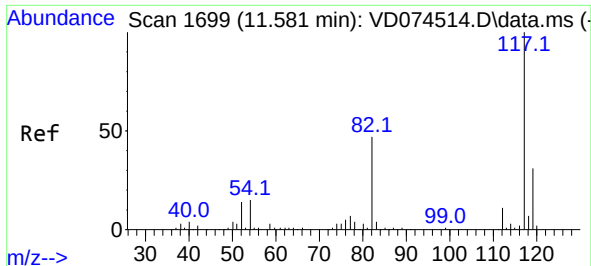
174 93.6 0.0 197.0

176 88.9 0.0 182.6



Abundance

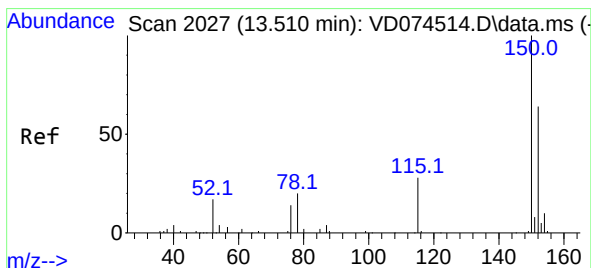
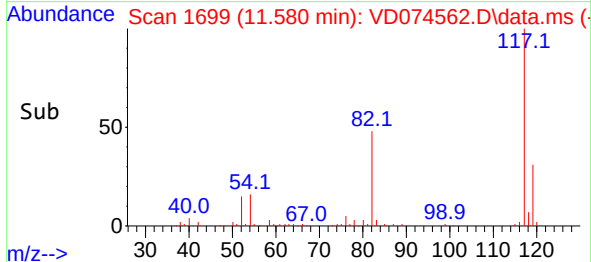
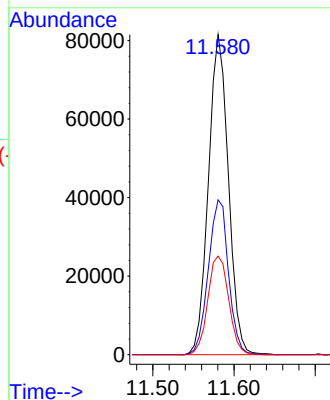
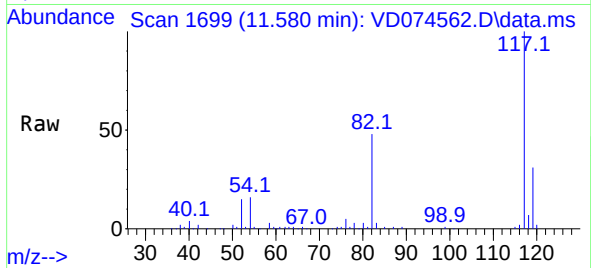




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD074562.D
Acq: 18 Oct 2022 13:30

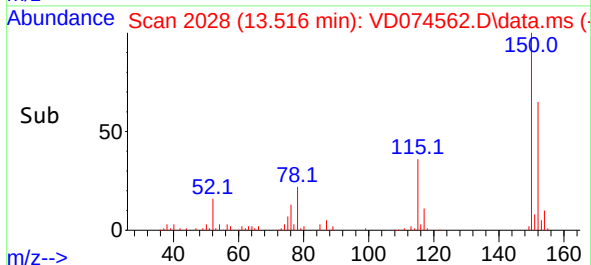
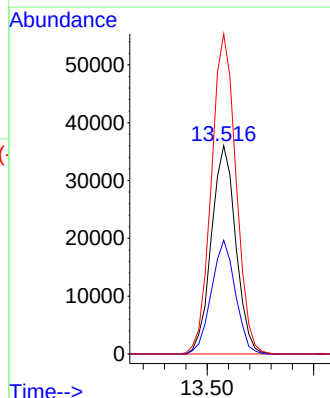
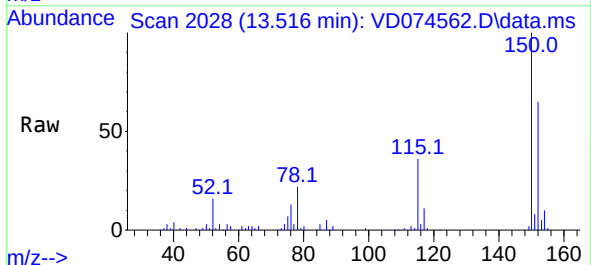
Instrument :
MSVOA_D
ClientSampleId :
TR-4-101422

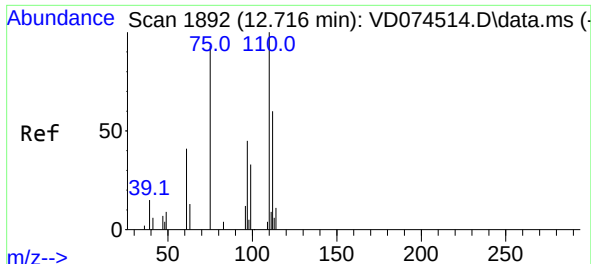
Tgt Ion:117 Resp: 139011
Ion Ratio Lower Upper
117 100
82 48.4 41.6 62.4
119 30.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074562.D
Acq: 18 Oct 2022 13:30

Tgt Ion:152 Resp: 57267
Ion Ratio Lower Upper
152 100
115 53.7 26.8 80.4
150 155.3 0.0 348.2

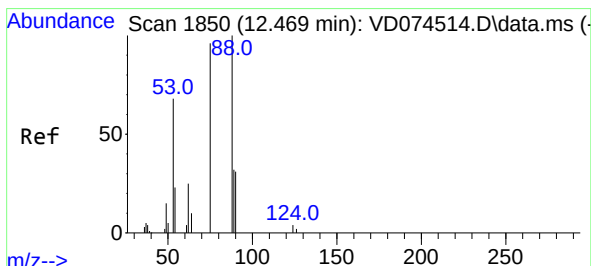
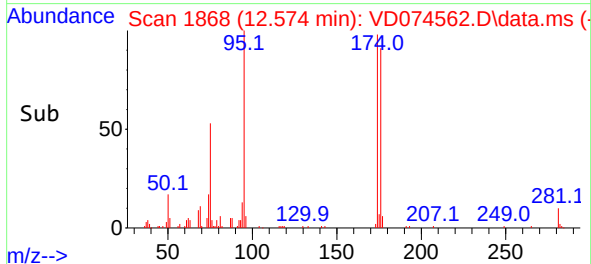
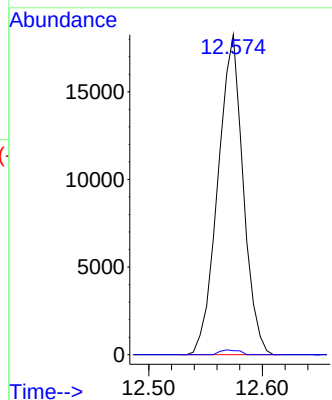
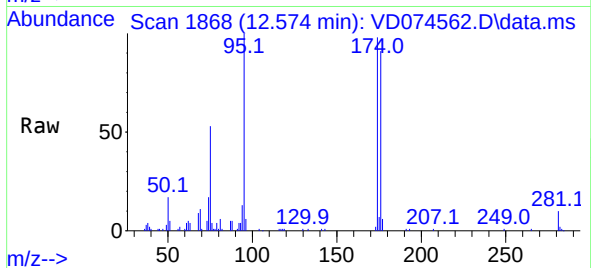




#76
1,2,3-Trichloropropane
Concen: 57.718 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.142 min
Lab File: VD074562.D
Acq: 18 Oct 2022 13:30

Instrument :
MSVOA_D
ClientSampleId :
TR-4-101422

Tgt Ion: 75 Resp: 28248
Ion Ratio Lower Upper
75 100
77 1.1 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 146.409 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. 0.111 min
Lab File: VD074562.D
Acq: 18 Oct 2022 13:30

Tgt Ion: 75 Resp: 28248
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

