

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
 Data File : VD074677.D
 Acq On : 28 Oct 2022 17:47
 Operator : VA/SY
 Sample : N5267-19RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP7-1024RE

Quant Time: Oct 29 02:15:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

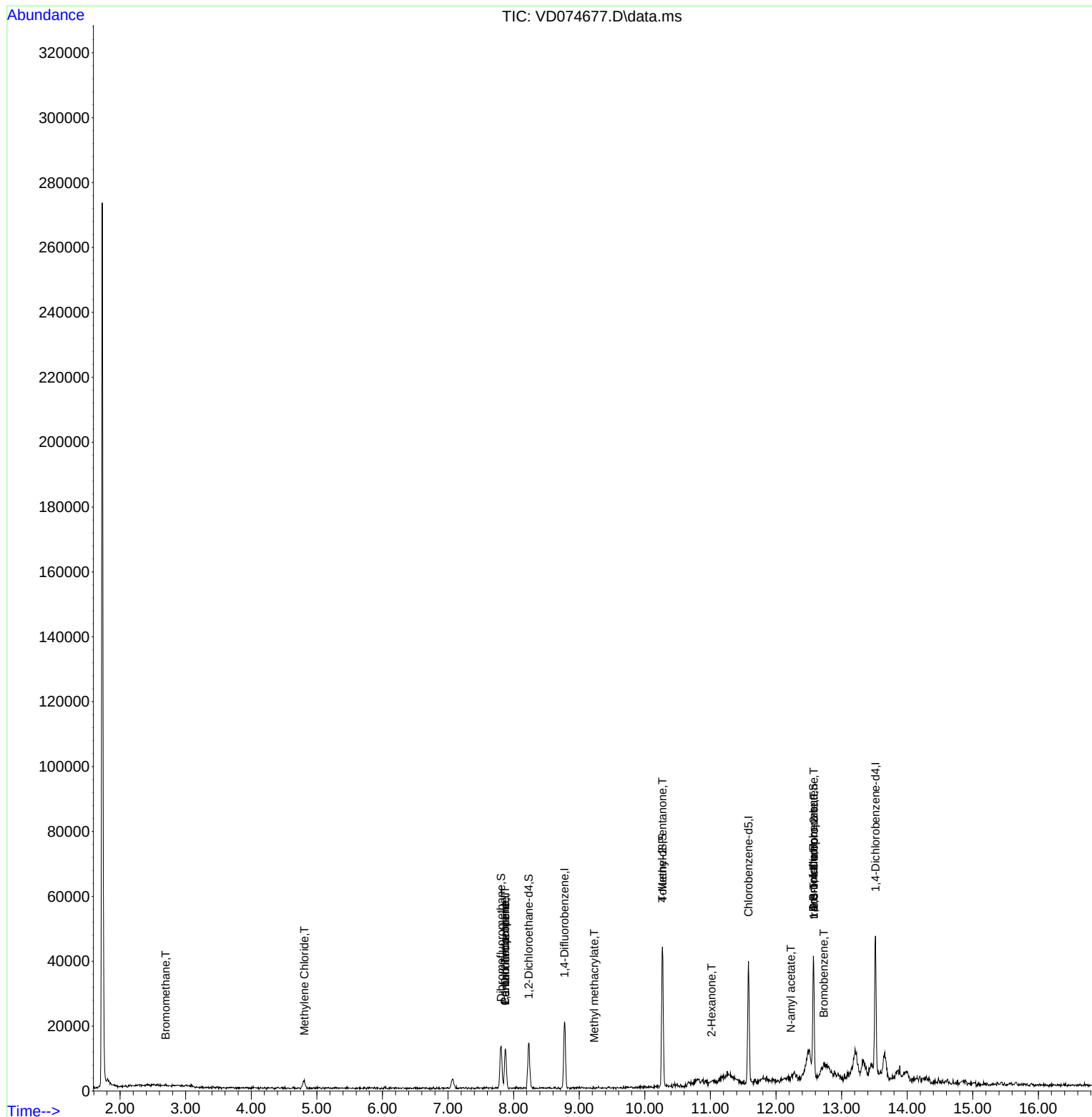
Internal Standards						
1) Pentafluorobenzene	7.875	168	10913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	21299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	23526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	11794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	11307	122.758	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 245.520%#	
35) Dibromofluoromethane	7.811	113	9631	74.052	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 148.100%#	
50) Toluene-d8	10.269	98	32234	64.448	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 128.900%	
62) 4-Bromofluorobenzene	12.569	95	11125	80.990	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 161.980%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	201	Below Cal	#	37
5) Bromomethane	2.693	94	507	3.722	ug/l	98
16) Acetone	4.023	43	127	Below Cal	#	37
20) Methylene Chloride	4.811	84	1984	1.480	ug/l #	85
36) 1,1-Dichloropropene	7.869	75	653	3.524	ug/l #	39
38) Carbon Tetrachloride	7.869	117	943	5.476	ug/l #	14
48) Methyl methacrylate	9.228	41	61	1.207	ug/l #	3
51) 4-Methyl-2-Pentanone	10.269	43	59	1.071	ug/l #	34
59) 2-Hexanone	11.016	43	60	1.608	ug/l #	18
71) Bromoform	12.569	173	214	2.635	ug/l #	1
74) N-amyl acetate	12.228	43	250	1.887	ug/l #	6
76) 1,2,3-Trichloropropane	12.575	75	5193	56.298	ug/l #	1
77) Bromobenzene	12.728	156	4644	23.110	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	5193	148.996	ug/l #	17

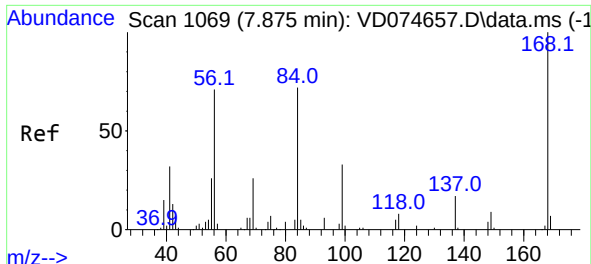
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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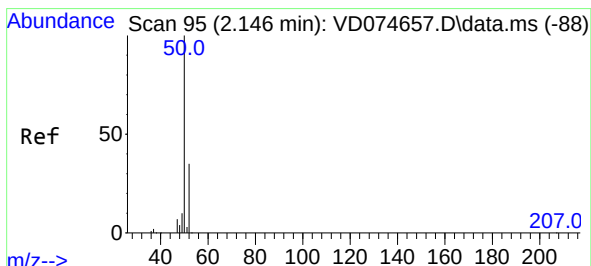
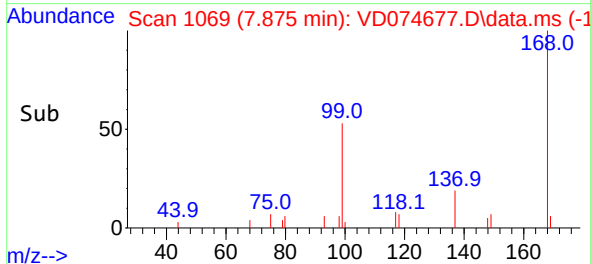
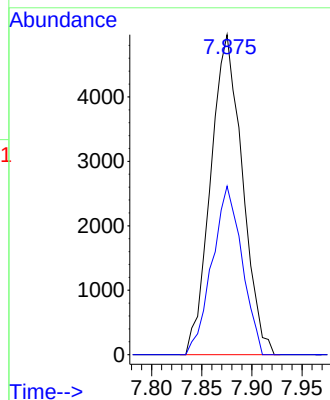
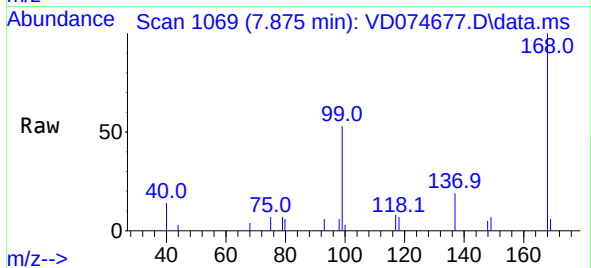




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

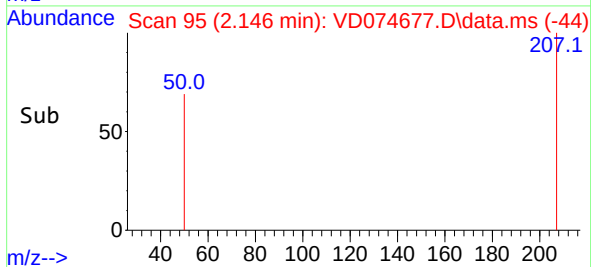
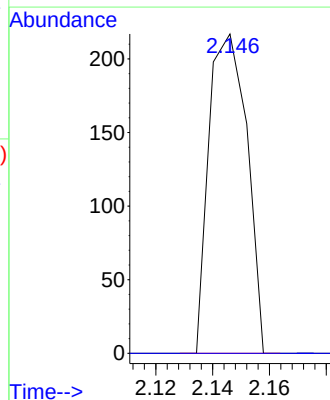
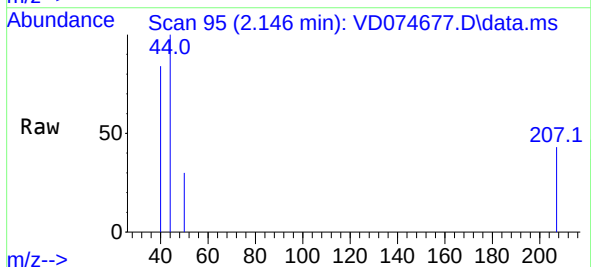
Instrument :
MSVOA_D
ClientSampleId :
TP7-1024RE

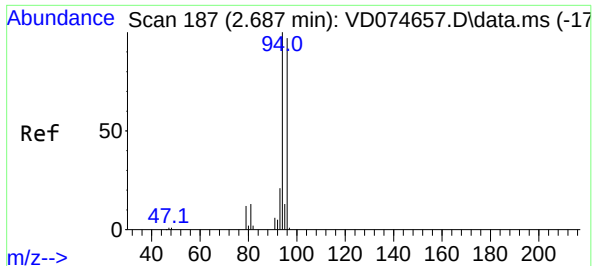
Tgt Ion:168 Resp: 10913
Ion Ratio Lower Upper
168 100
99 52.6 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

Tgt Ion: 50 Resp: 201
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

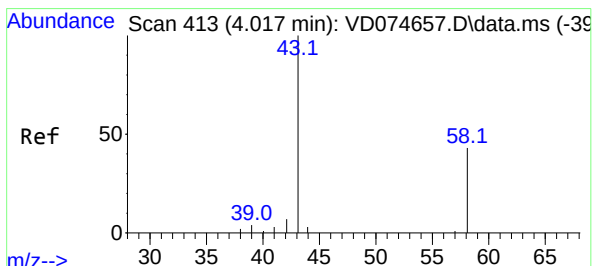
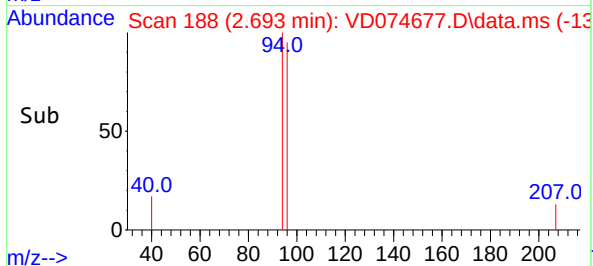
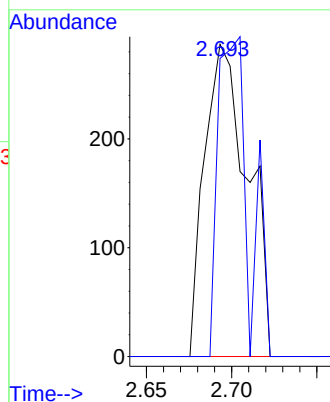
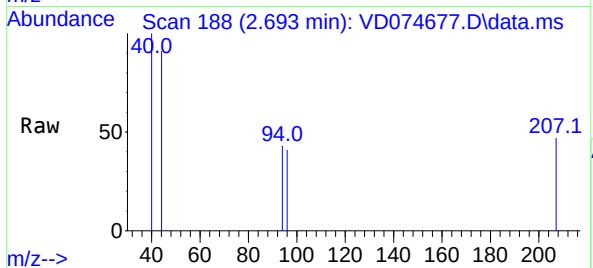




#5
Bromomethane
Concen: 3.722 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

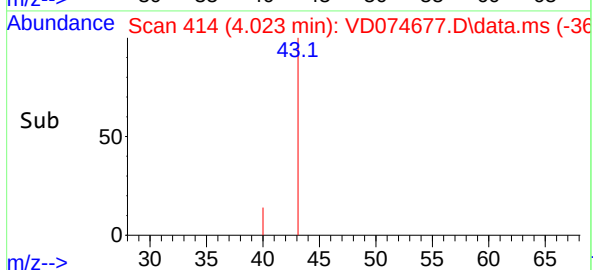
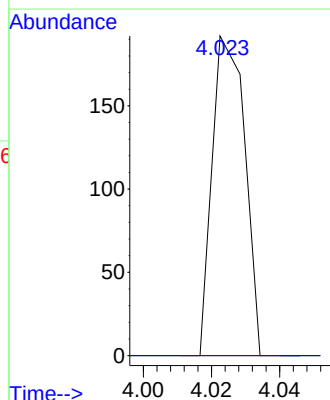
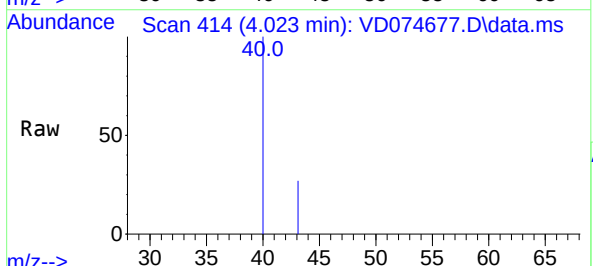
Instrument :
MSVOA_D
ClientSampleId :
TP7-1024RE

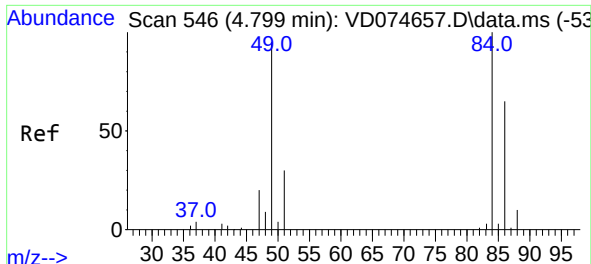
Tgt Ion: 94 Resp: 507
Ion Ratio Lower Upper
94 100
96 95.5 74.6 112.0



#16
Acetone
Concen: Below Cal
RT: 4.023 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

Tgt Ion: 43 Resp: 127
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



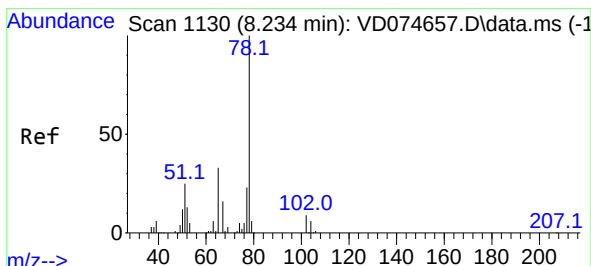
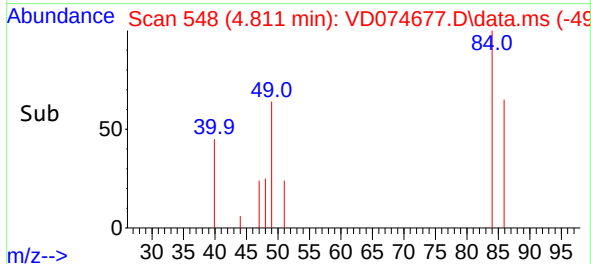
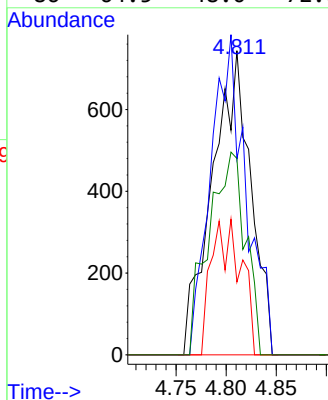
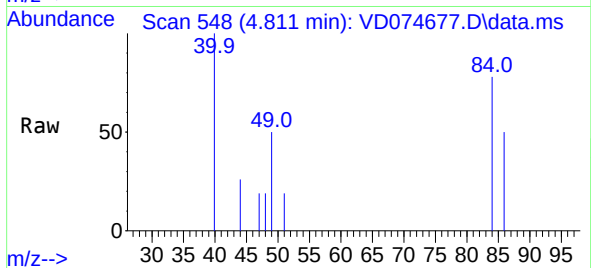


#20
Methylene Chloride
Concen: 1.480 ug/l
RT: 4.811 min Scan# 54
Delta R.T. 0.012 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

Instrument :
MSVOA_D
ClientSampleId :
TP7-1024RE

Tgt Ion: 84 Resp: 1984

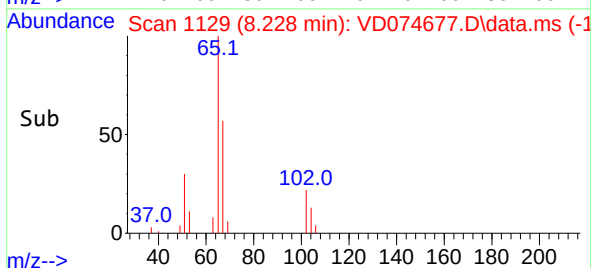
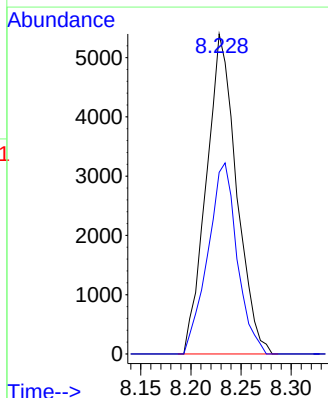
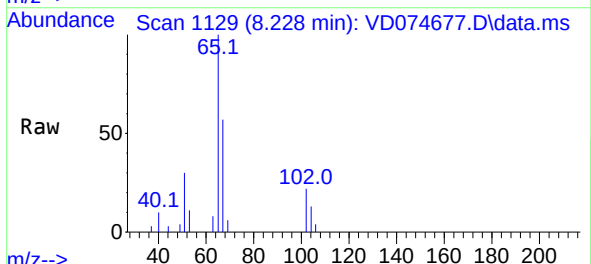
Ion	Ratio	Lower	Upper
84	100		
49	64.4	68.0	102.0#
51	23.9	23.2	34.8
86	64.5	48.0	72.0

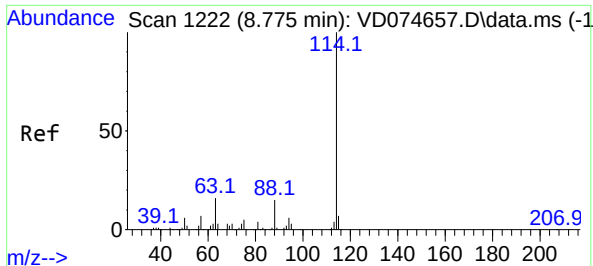


#33
1,2-Dichloroethane-d4
Concen: 122.758 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

Tgt Ion: 65 Resp: 11307

Ion	Ratio	Lower	Upper
65	100		
67	58.0	0.0	110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074677.D

Acq: 28 Oct 2022 17:47

Instrument :

MSVOA_D

ClientSampleId :

TP7-1024RE

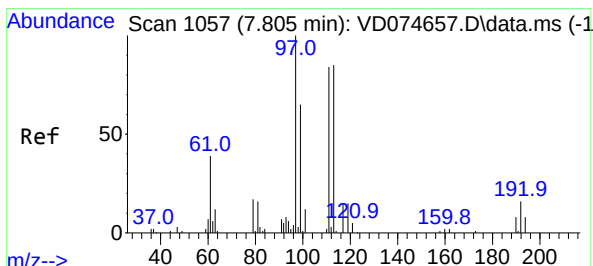
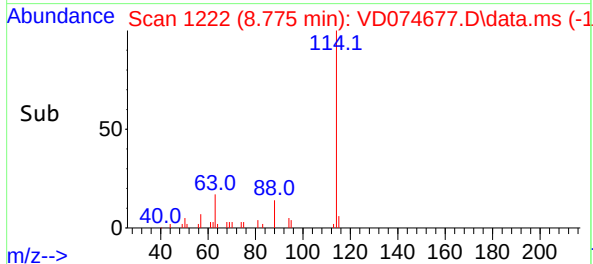
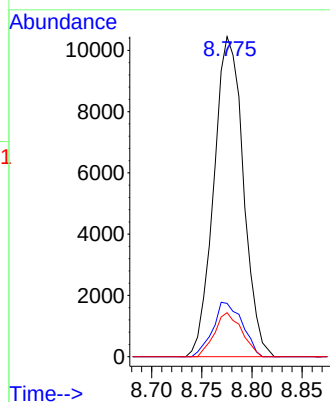
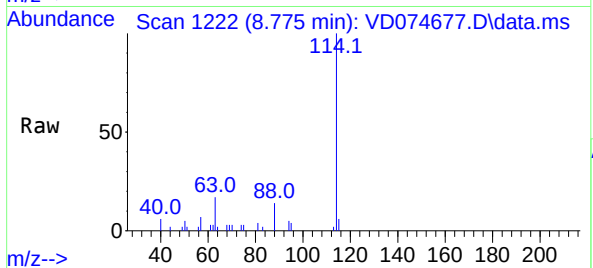
Tgt Ion:114 Resp: 21299

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.2

88 13.7 0.0 28.2



#35

Dibromofluoromethane

Concen: 74.052 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074677.D

Acq: 28 Oct 2022 17:47

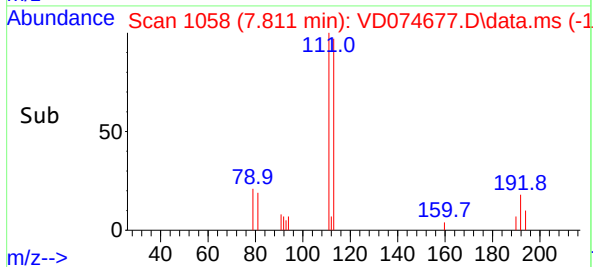
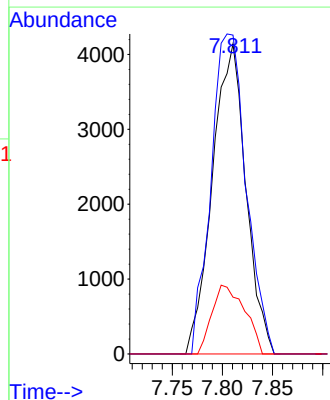
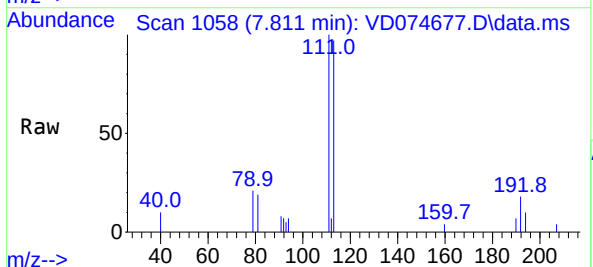
Tgt Ion:113 Resp: 9631

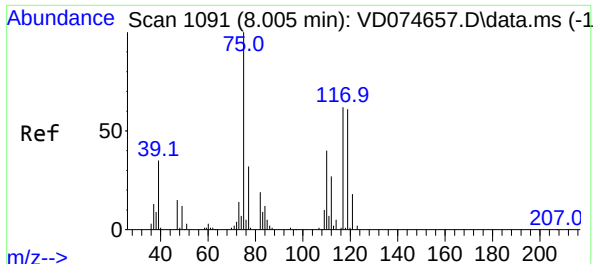
Ion Ratio Lower Upper

113 100

111 108.4 82.3 123.5

192 21.7 16.4 24.6





#36

1,1-Dichloropropene

Concen: 3.524 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VD074677.D

Acq: 28 Oct 2022 17:47

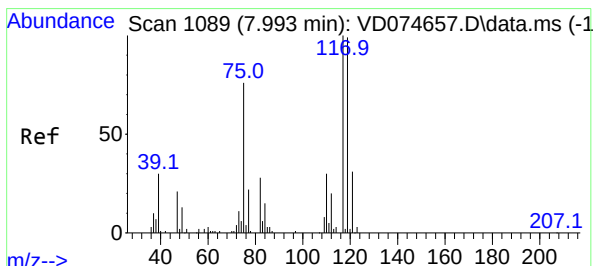
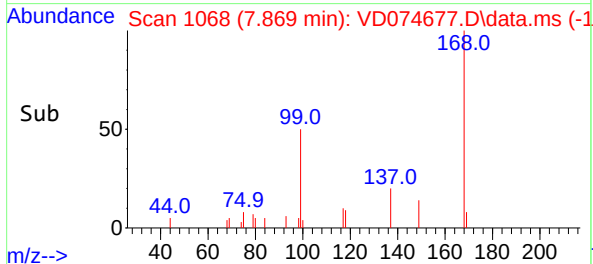
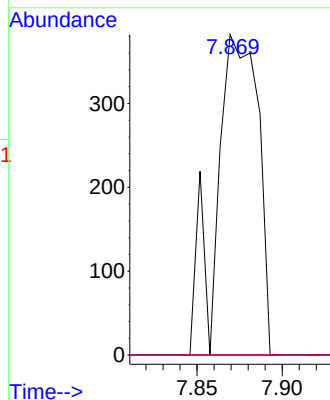
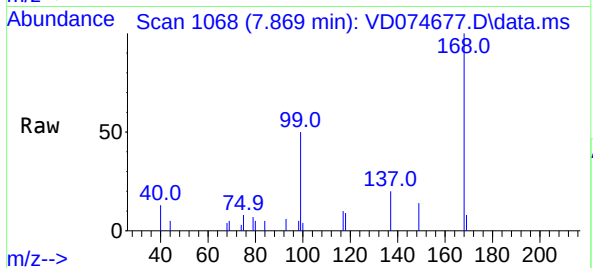
Instrument :

MSVOA_D

ClientSampleId :

TP7-1024RE

Tgt Ion:	75	Resp:	653
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.7	59.0#
77	0.0	25.4	38.2#



#38

Carbon Tetrachloride

Concen: 5.476 ug/l

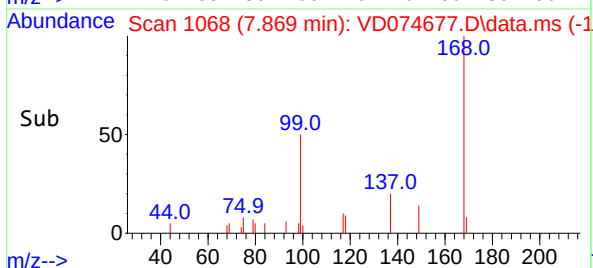
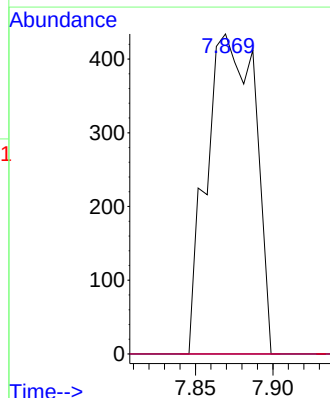
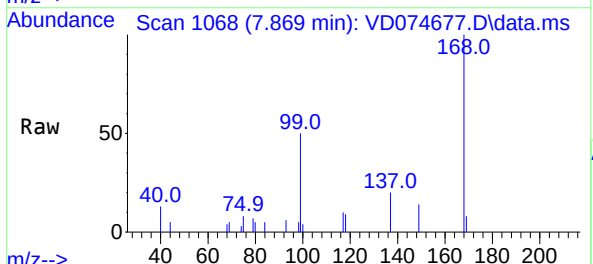
RT: 7.869 min Scan# 1068

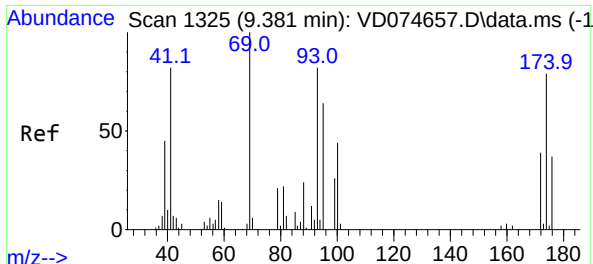
Delta R.T. -0.124 min

Lab File: VD074677.D

Acq: 28 Oct 2022 17:47

Tgt Ion:	117	Resp:	943
Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.1	109.7#
121	0.0	25.0	37.6#

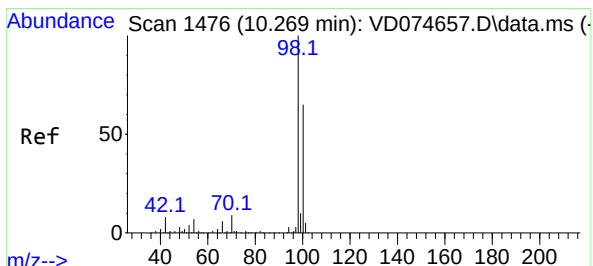
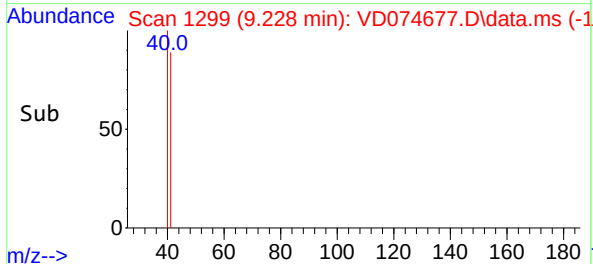
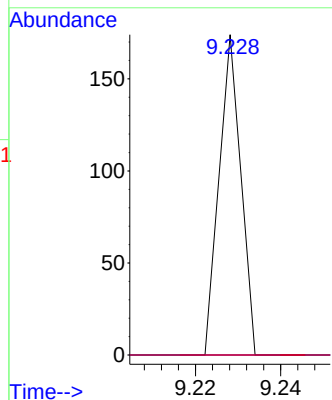
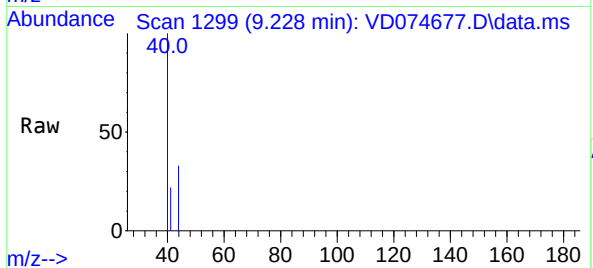




#48
Methyl methacrylate
Concen: 1.207 ug/l
RT: 9.228 min Scan# 1299
Delta R.T. -0.153 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

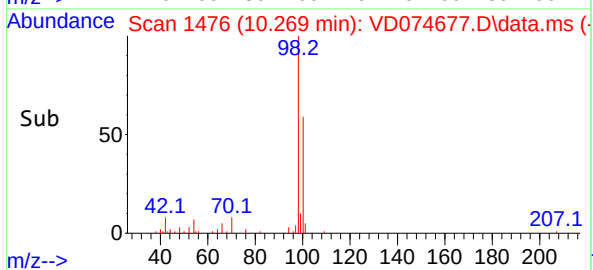
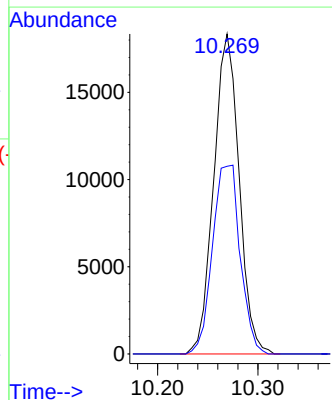
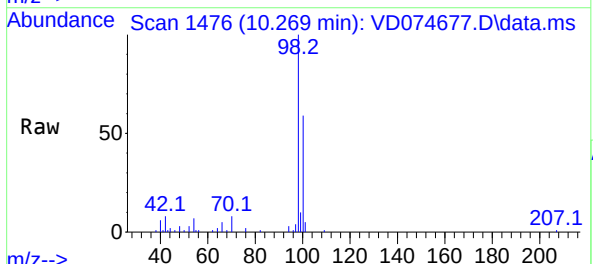
Instrument :
MSVOA_D
ClientSampleId :
TP7-1024RE

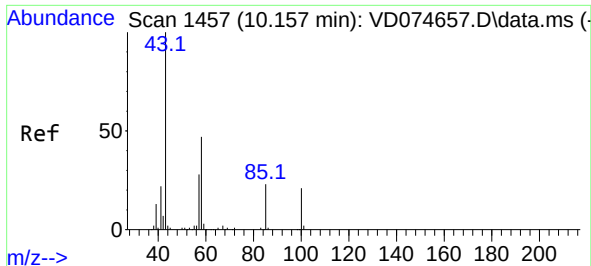
Tgt Ion: 41 Resp: 61
Ion Ratio Lower Upper
41 100
69 0.0 93.0 139.4#
39 0.0 44.6 66.8#



#50
Toluene-d8
Concen: 64.448 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

Tgt Ion: 98 Resp: 32234
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0

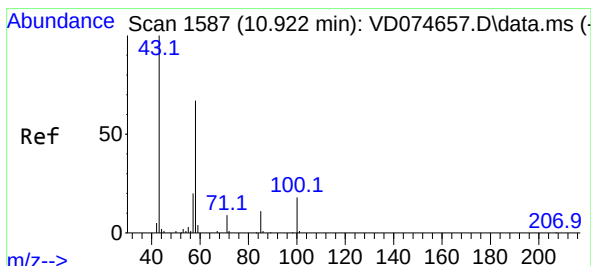
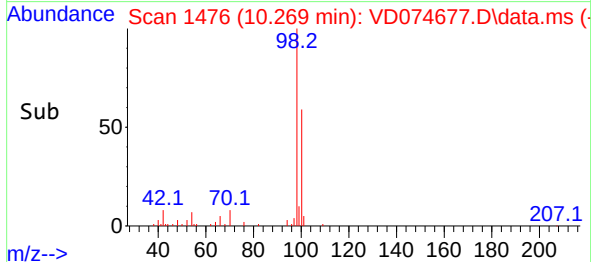
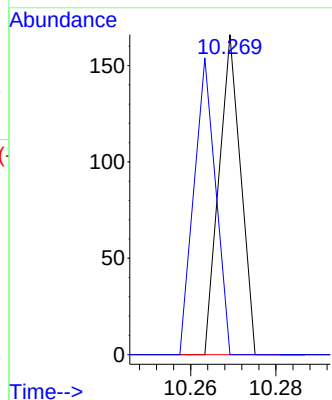
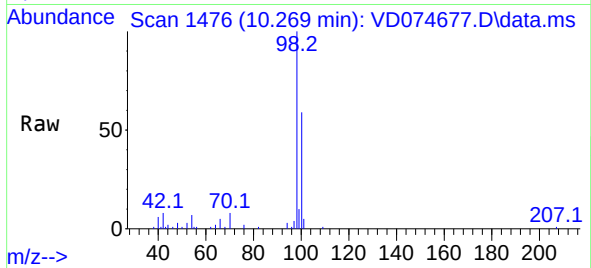




#51
4-Methyl-2-Pentanone
Concen: 1.071 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

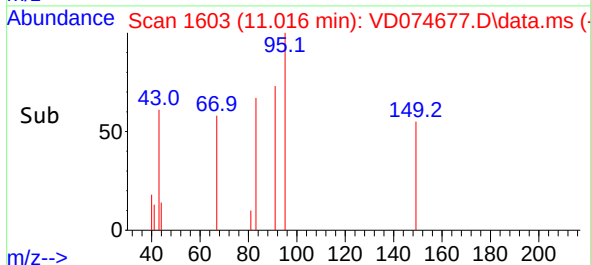
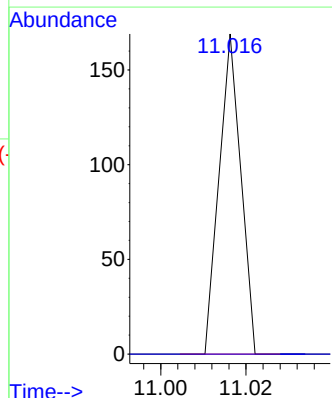
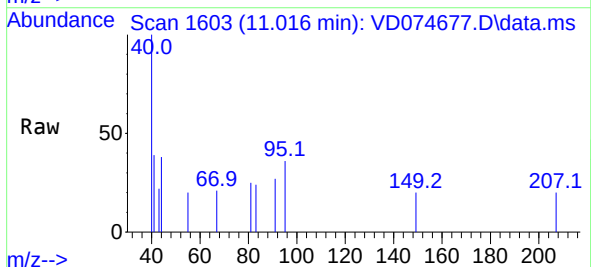
Instrument :
MSVOA_D
ClientSampleId :
TP7-1024RE

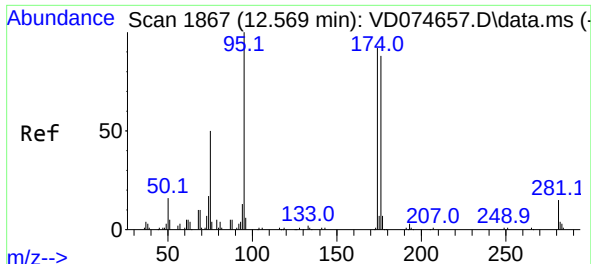
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
58 91.5 37.8 56.6#



#59
2-Hexanone
Concen: 1.608 ug/l
RT: 11.016 min Scan# 1603
Delta R.T. 0.094 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
58 0.0 32.0 96.2#



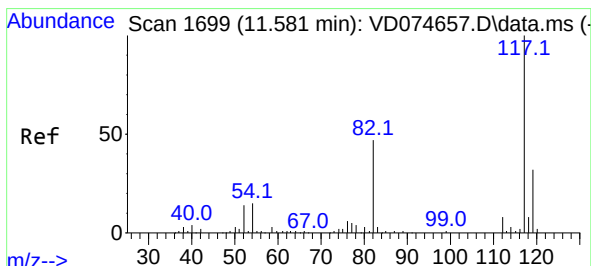
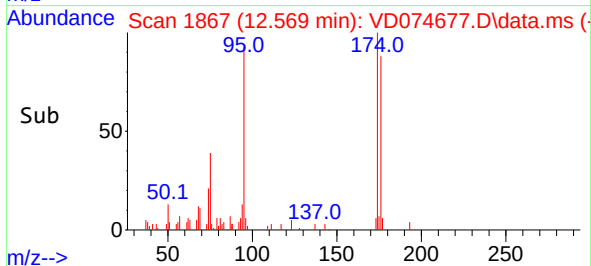
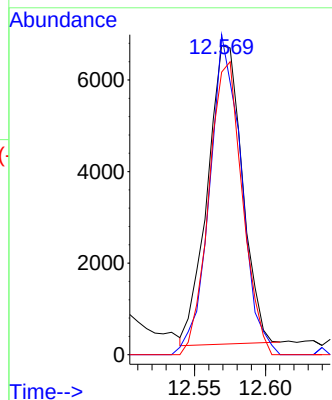
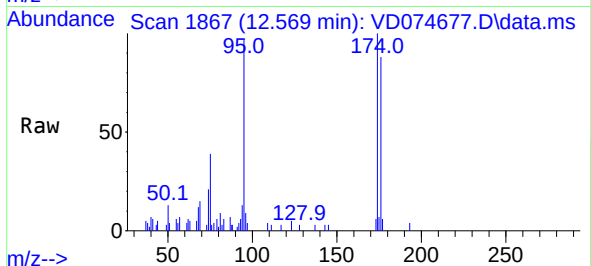


#62
4-Bromofluorobenzene
Concen: 80.990 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

Instrument :
MSVOA_D
ClientSampleId :
TP7-1024RE

Tgt Ion: 95 Resp: 11125

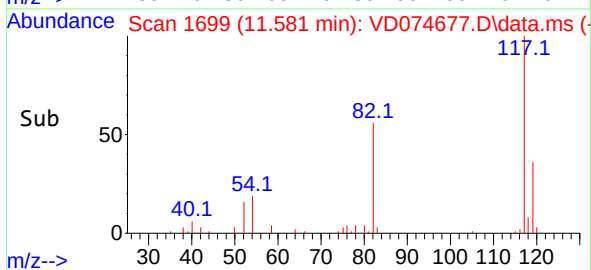
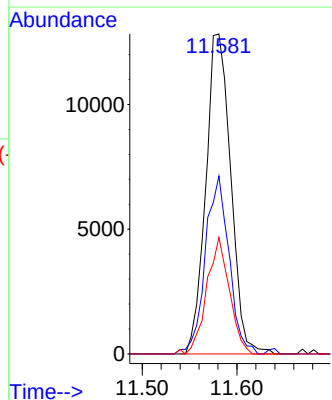
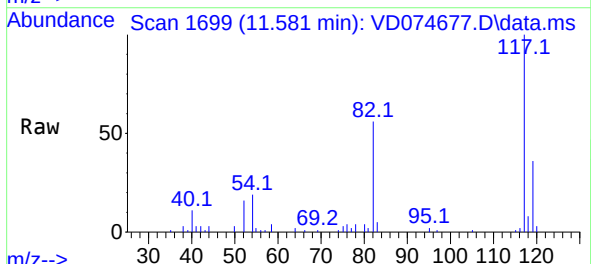
Ion	Ratio	Lower	Upper
95	100		
174	97.4	0.0	197.0
176	94.2	0.0	182.6

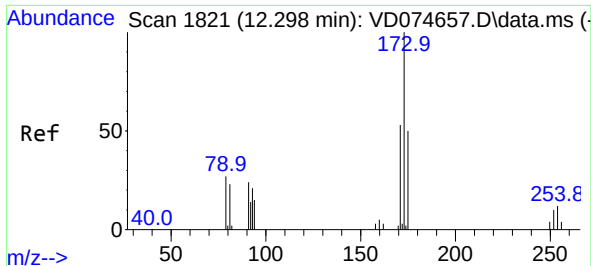


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

Tgt Ion: 117 Resp: 23526

Ion	Ratio	Lower	Upper
117	100		
82	55.6	41.6	62.4
119	36.4	25.2	37.8

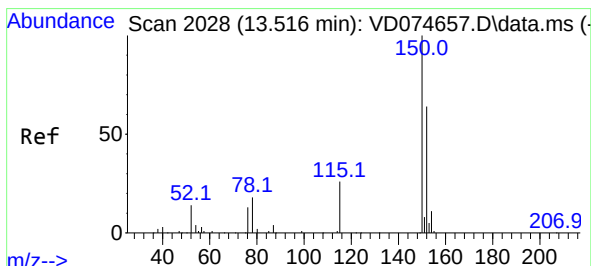
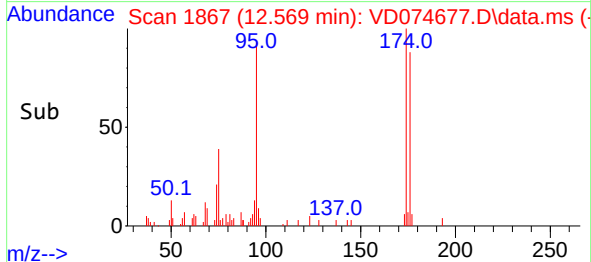
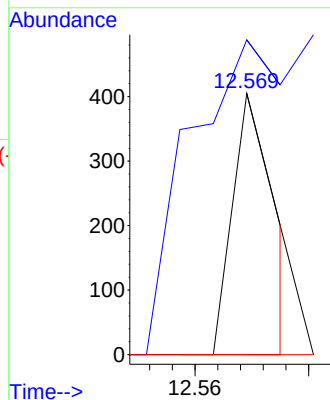
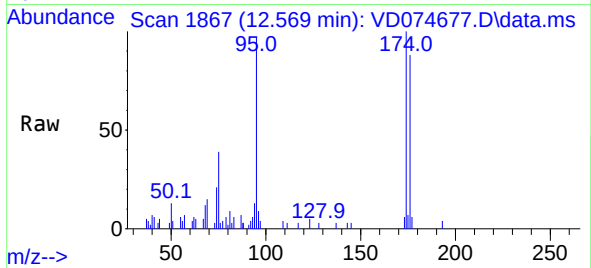




#71
Bromoform
Concen: 2.635 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.271 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

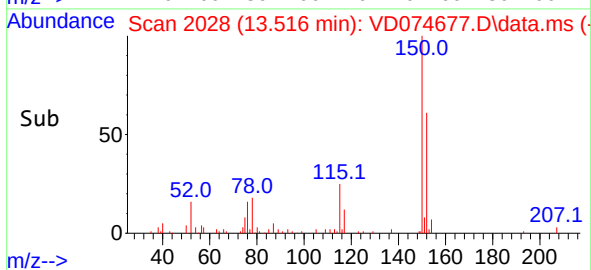
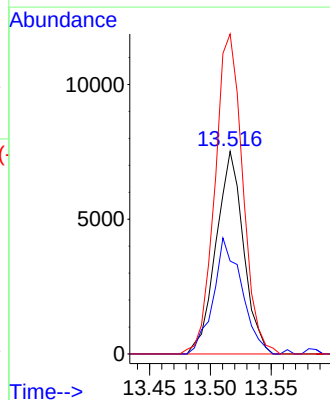
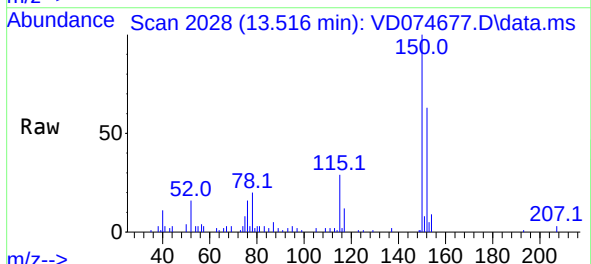
Instrument :
MSVOA_D
ClientSampleId :
TP7-1024RE

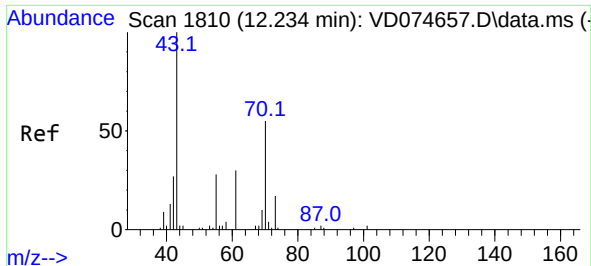
Tgt Ion:173 Resp: 214
Ion Ratio Lower Upper
173 100
175 265.9 23.1 69.3#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

Tgt Ion:152 Resp: 11794
Ion Ratio Lower Upper
152 100
115 59.2 26.8 80.4
150 160.0 0.0 348.2

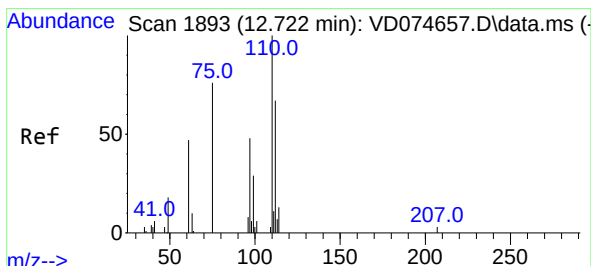
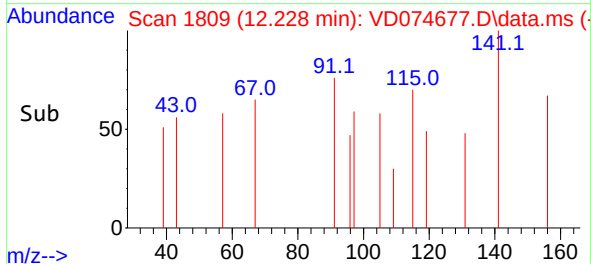
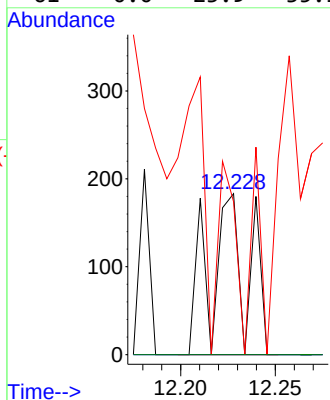
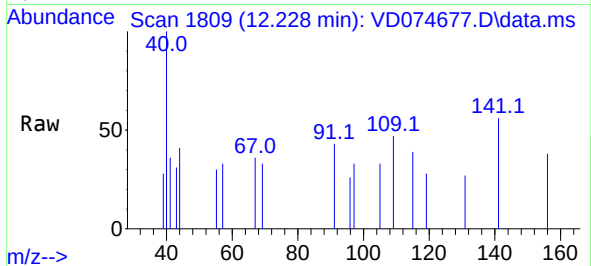




#74
N-amy1 acetate
Concen: 1.887 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

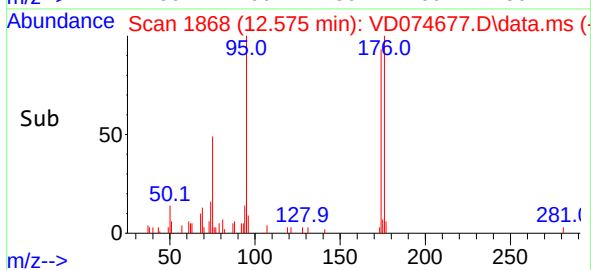
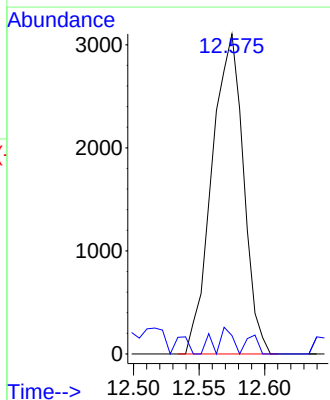
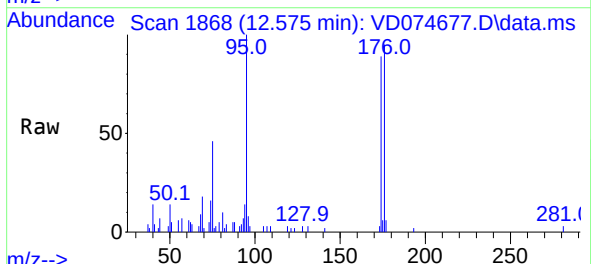
Instrument :
MSVOA_D
ClientSampleId :
TP7-1024RE

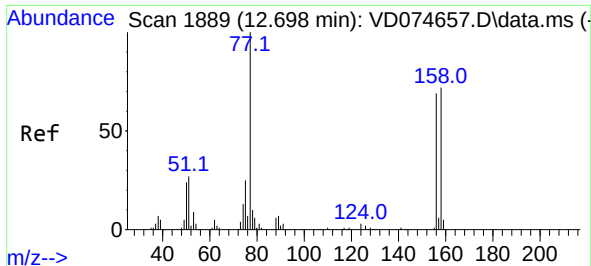
Tgt Ion: 43 Resp: 250
Ion Ratio Lower Upper
43 100
70 0.0 43.8 65.6#
55 116.4 22.0 33.0#
61 0.0 23.9 35.9#



#76
1,2,3-Trichloropropane
Concen: 56.298 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

Tgt Ion: 75 Resp: 5193
Ion Ratio Lower Upper
75 100
77 4.3 185.8 557.5#

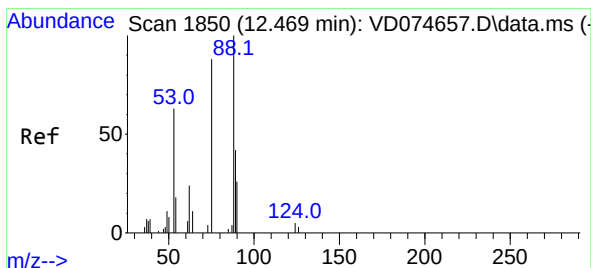
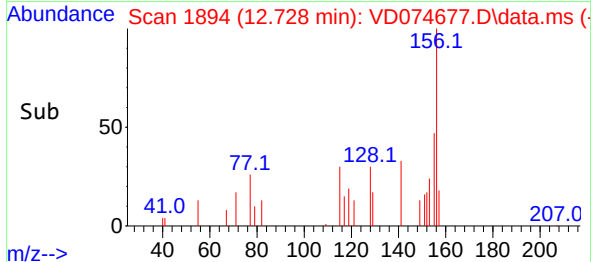
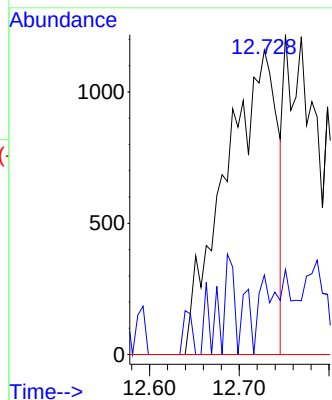
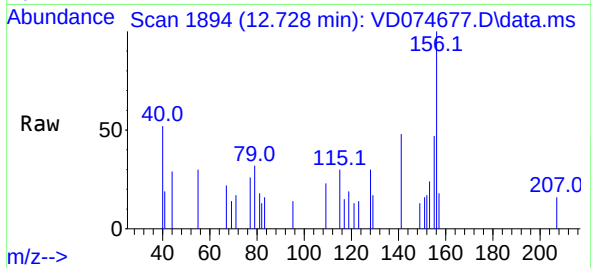




#77
Bromobenzene
Concen: 23.110 ug/l
RT: 12.728 min Scan# 1889
Delta R.T. 0.030 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

Instrument :
MSVOA_D
ClientSampleId :
TP7-1024RE

Tgt Ion:156 Resp: 4644
Ion Ratio Lower Upper
156 100
77 5.6 77.7 233.1#
158 0.0 49.4 148.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 148.996 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

Tgt Ion: 75 Resp: 5193
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

