

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
 Data File : VD074625.D
 Acq On : 25 Oct 2022 11:41
 Operator : VA/SY
 Sample : VD1025SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1025SBL01

Quant Time: Oct 27 01:20:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

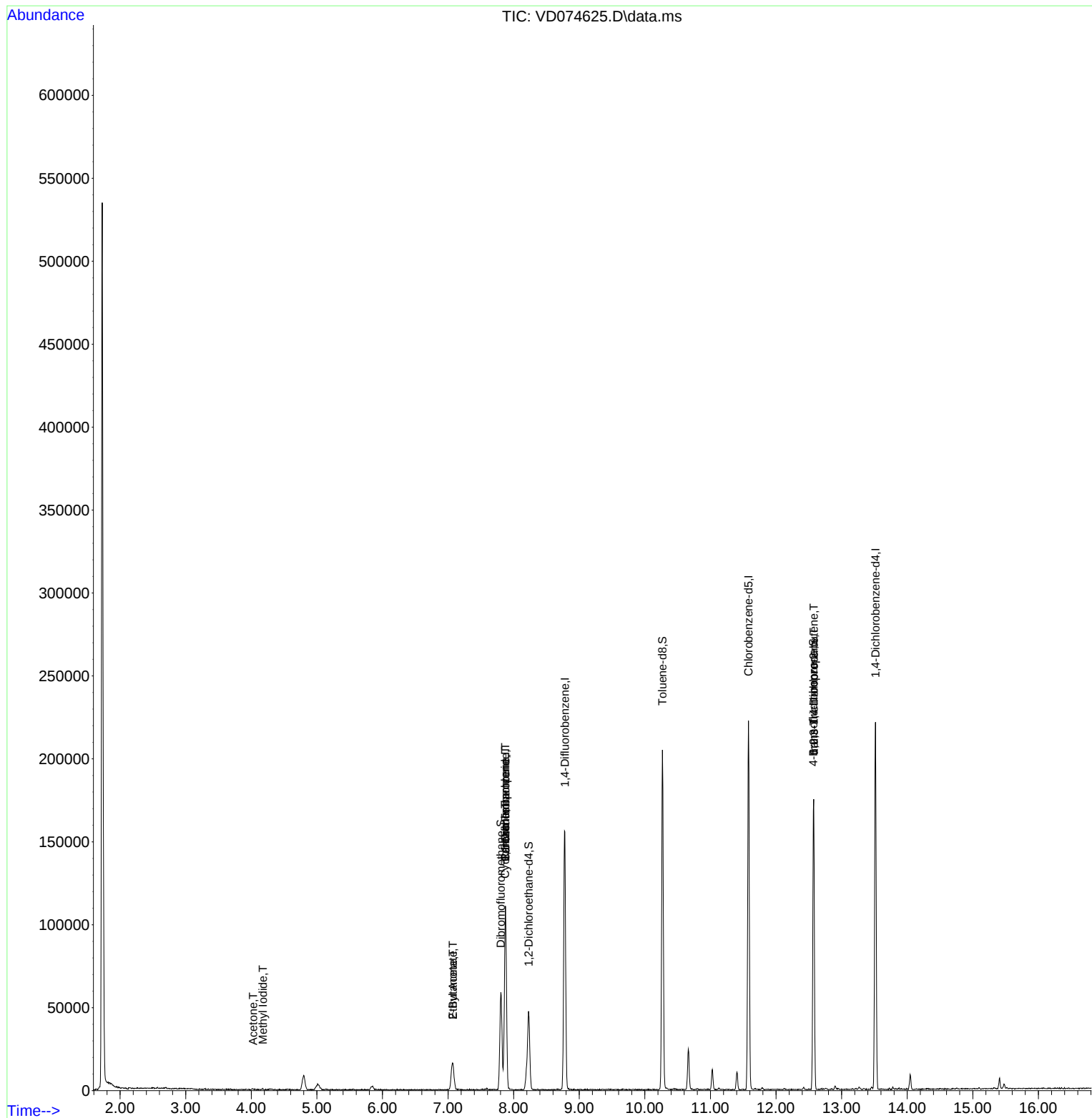
Internal Standards						
1) Pentafluorobenzene	7.875	168	91342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	153749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	140790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	64143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	34224	49.075	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.160%		
35) Dibromofluoromethane	7.804	113	42849	50.309	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.620%		
50) Toluene-d8	10.269	98	147206	47.836	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.680%		
62) 4-Bromofluorobenzene	12.569	95	47581	53.897	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.800%		
Target Compounds			Qvalue			
10) Methyl Iodide	4.175	142	451	4.268 ug/l	#	43
11) Tert butyl alcohol	5.010	59	3357	Below Cal	#	84
16) Acetone	4.028	43	638	4.190 ug/l	#	37
20) Methylene Chloride	4.805	84	7682	Below Cal		93
25) 2-Butanone	7.075	43	608	2.986 ug/l	#	42
31) Cyclohexane	7.869	56	1479	1.056 ug/l	#	44
36) 1,1-Dichloropropene	7.875	75	6239	4.517 ug/l	#	47
37) Ethyl Acetate	7.075	43	608	1.395 ug/l	#	1
38) Carbon Tetrachloride	7.875	117	8437	6.238 ug/l	#	18
76) 1,2,3-Trichloropropane	12.575	75	23058	41.169 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.575	75	23058	105.208 ug/l	#	17

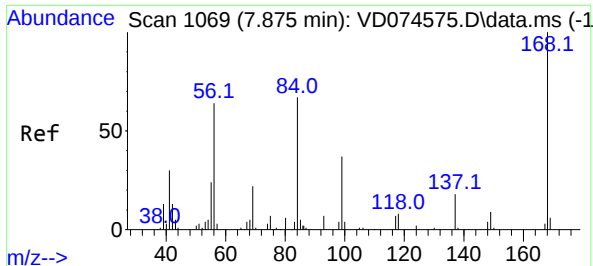
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
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Acq On : 25 Oct 2022 11:41
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Quant Time: Oct 27 01:20:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:41:20 2022
Response via : Initial Calibration

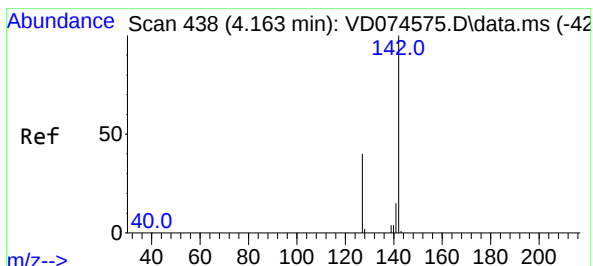
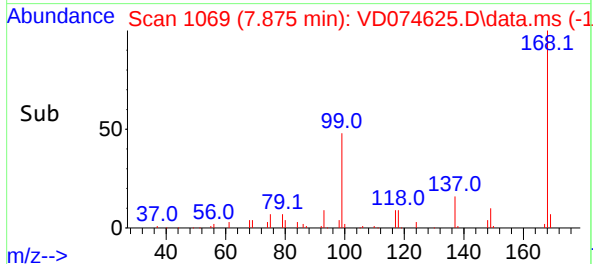
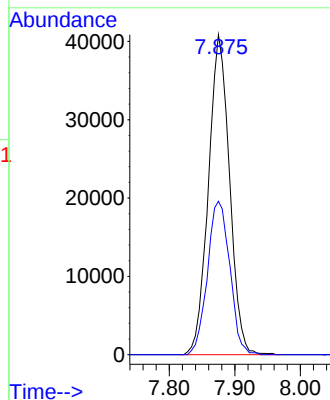
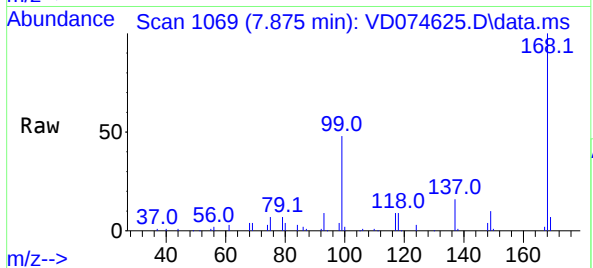




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074625.D
Acq: 25 Oct 2022 11:41

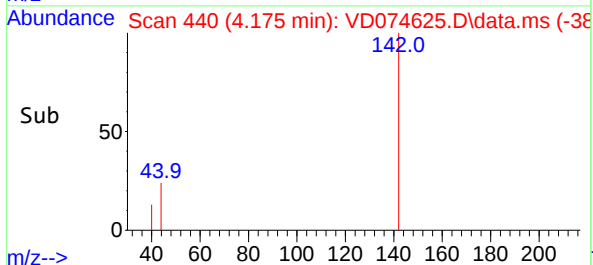
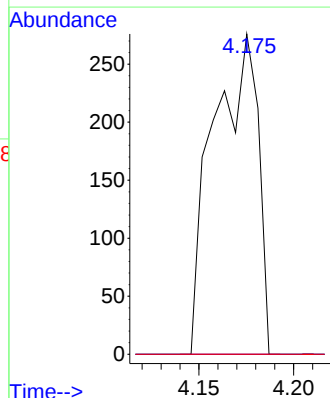
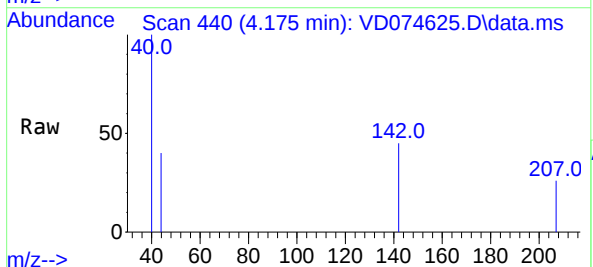
Instrument :
MSVOA_D
ClientSampleId :
VD1025SBL01

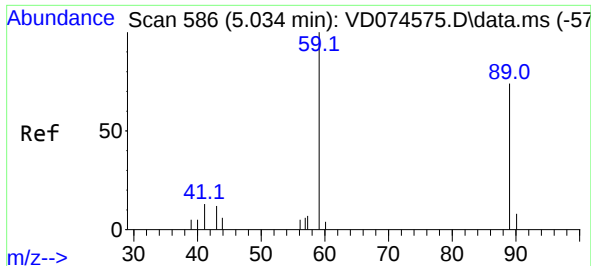
Tgt Ion:168 Resp: 91342
Ion Ratio Lower Upper
168 100
99 47.9 40.9 61.3



#10
Methyl Iodide
Concen: 4.268 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.017 min
Lab File: VD074625.D
Acq: 25 Oct 2022 11:41

Tgt Ion:142 Resp: 451
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# 5

Delta R.T. -0.042 min

Lab File: VD074625.D

Acq: 25 Oct 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

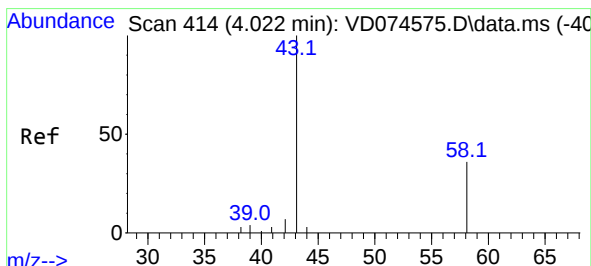
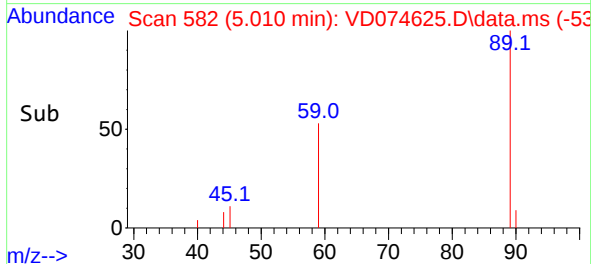
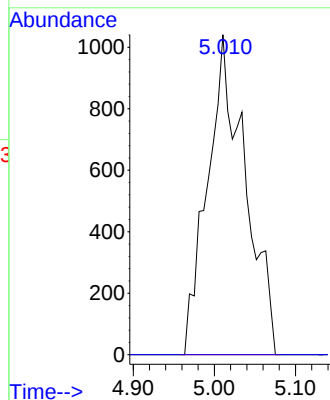
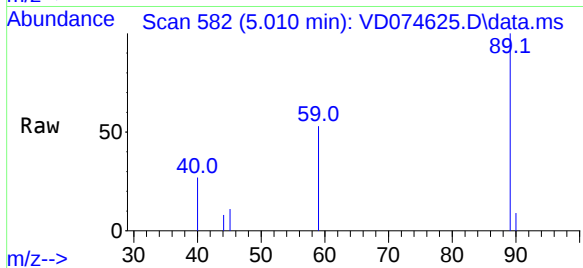
VD1025SBL01

Tgt Ion: 59 Resp: 3357

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 4.190 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.006 min

Lab File: VD074625.D

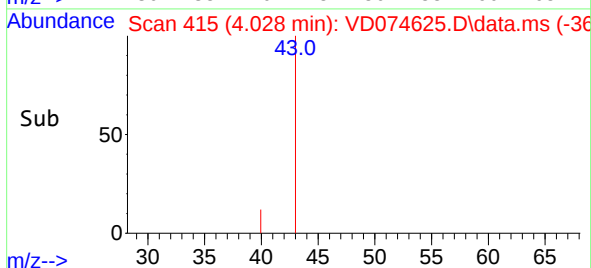
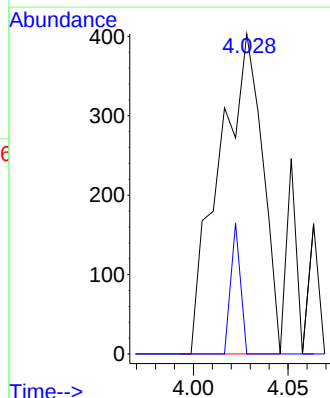
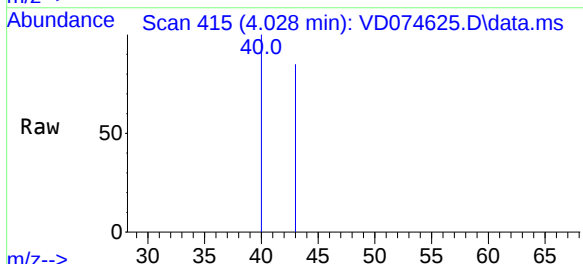
Acq: 25 Oct 2022 11:41

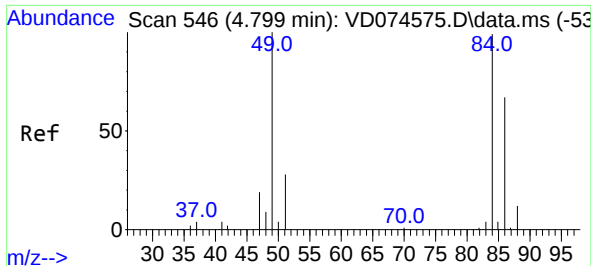
Tgt Ion: 43 Resp: 638

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.2#



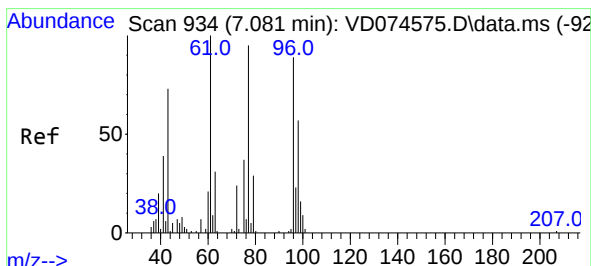
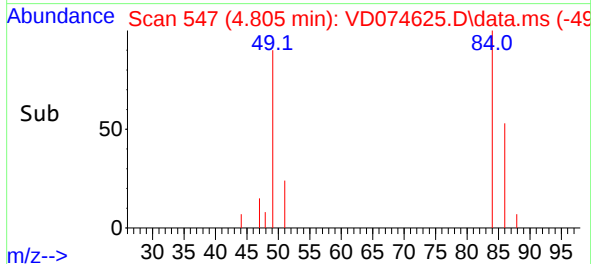
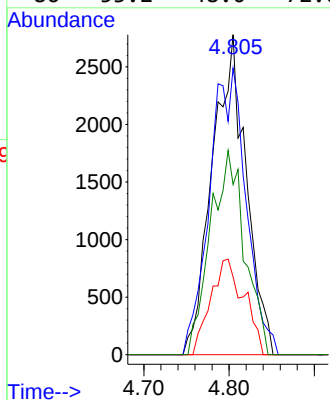
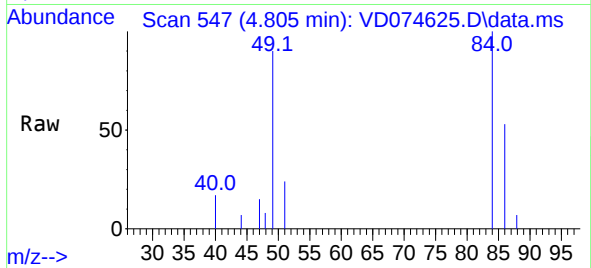


#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD074625.D
Acq: 25 Oct 2022 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD1025SBL01

Tgt Ion: 84 Resp: 7682

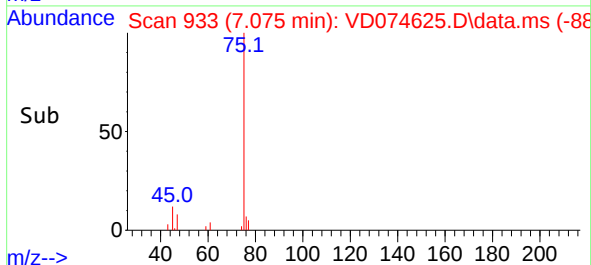
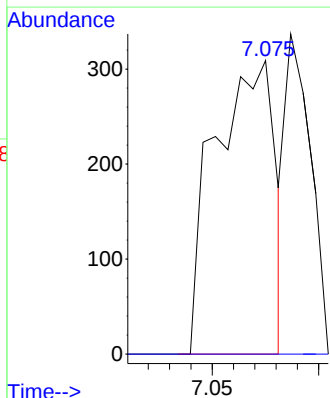
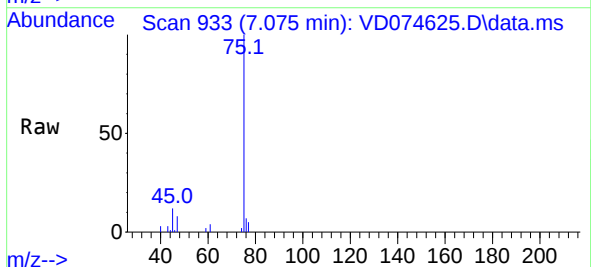
Ion	Ratio	Lower	Upper
84	100		
49	89.6	68.0	102.0
51	24.4	23.2	34.8
86	53.2	48.0	72.0

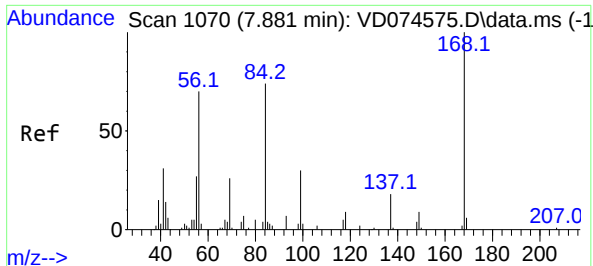


#25
2-Butanone
Concen: 2.986 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD074625.D
Acq: 25 Oct 2022 11:41

Tgt Ion: 43 Resp: 608

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8

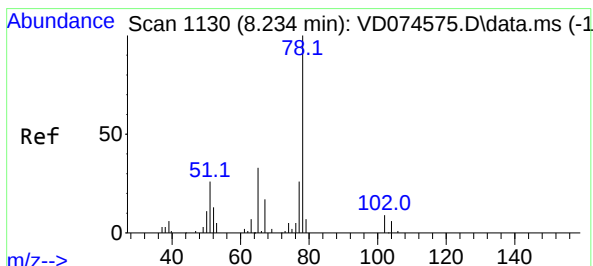
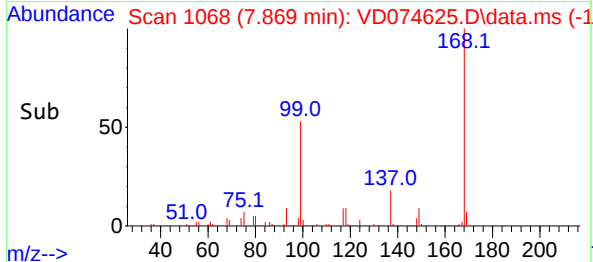
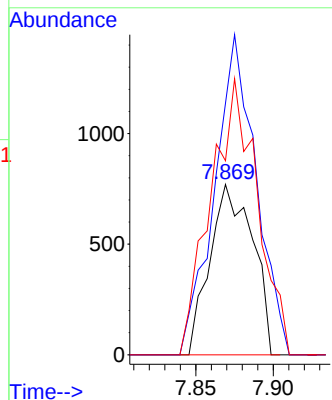
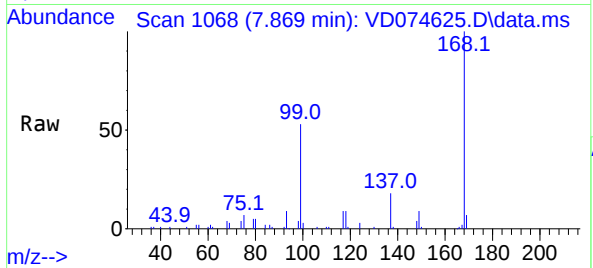




#31
Cyclohexane
Concen: 1.056 ug/l
RT: 7.869 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VD074625.D
Acq: 25 Oct 2022 11:41

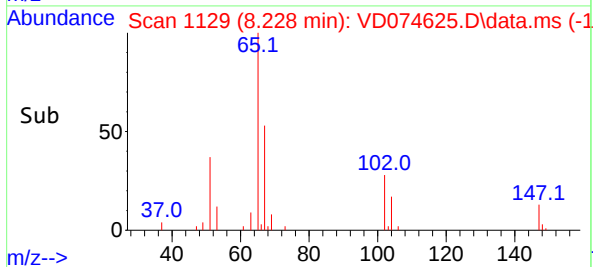
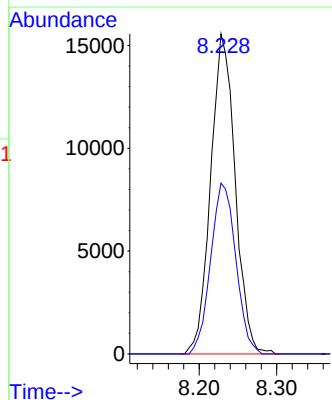
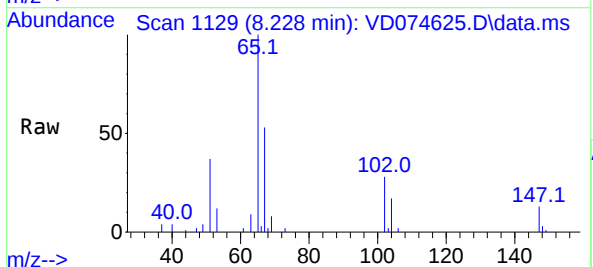
Instrument :
MSVOA_D
ClientSampleId :
VD1025SBL01

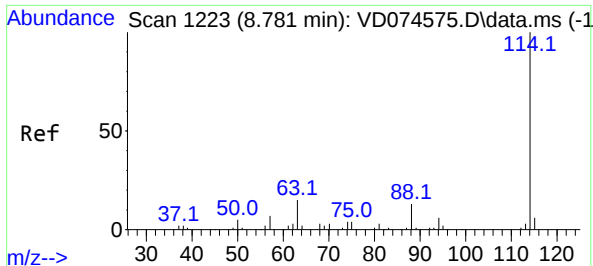
Tgt Ion: 56 Resp: 1479
Ion Ratio Lower Upper
56 100
69 147.7 29.2 43.8#
84 113.9 83.4 125.2



#33
1,2-Dichloroethane-d4
Concen: 49.075 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074625.D
Acq: 25 Oct 2022 11:41

Tgt Ion: 65 Resp: 34224
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.2

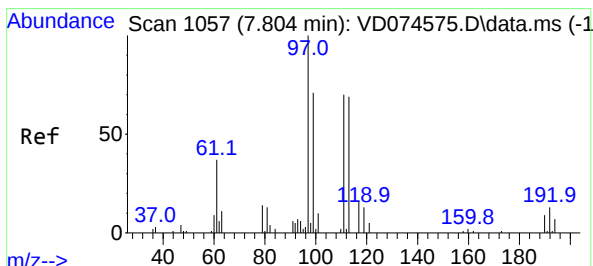
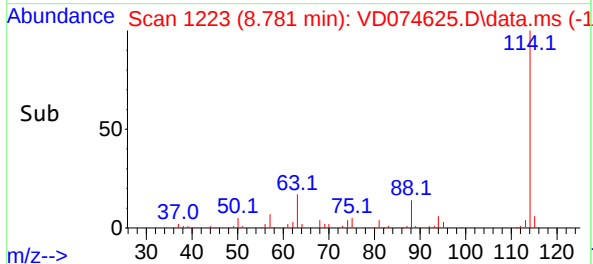
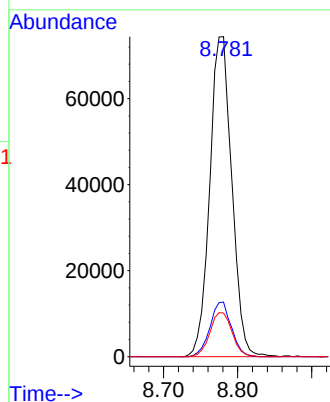
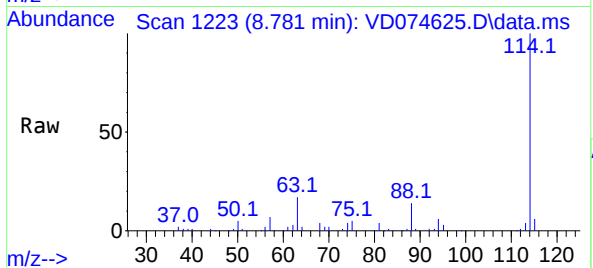




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074625.D
Acq: 25 Oct 2022 11:41

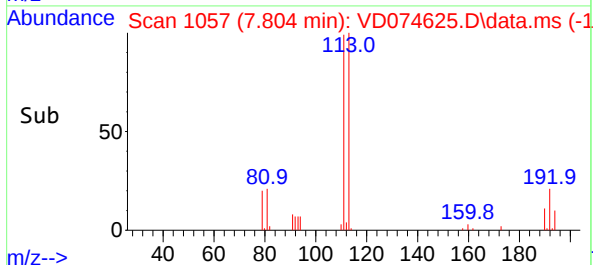
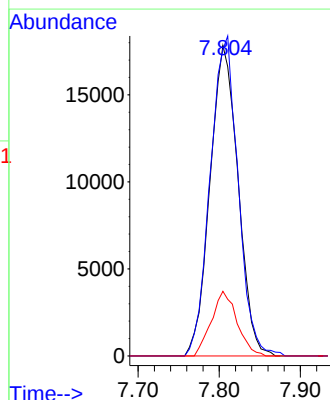
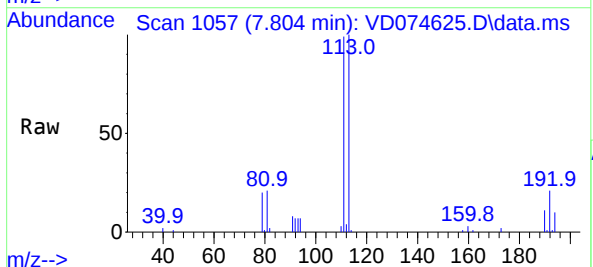
Instrument :
MSVOA_D
ClientSampleId :
VD1025SBL01

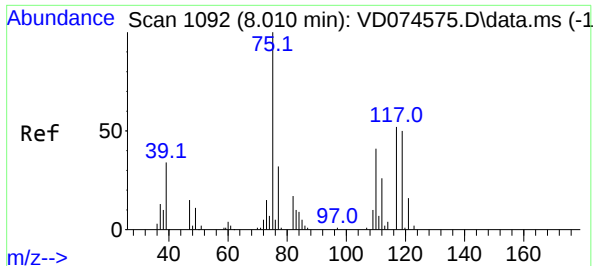
Tgt Ion:114 Resp: 153749
Ion Ratio Lower Upper
114 100
63 17.1 0.0 33.2
88 13.7 0.0 28.2



#35
Dibromofluoromethane
Concen: 50.309 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074625.D
Acq: 25 Oct 2022 11:41

Tgt Ion:113 Resp: 42849
Ion Ratio Lower Upper
113 100
111 102.3 82.3 123.5
192 19.1 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.517 ug/l

RT: 7.875 min Scan# 1092

Delta R.T. -0.129 min

Lab File: VD074625.D

Acq: 25 Oct 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1025SBL01

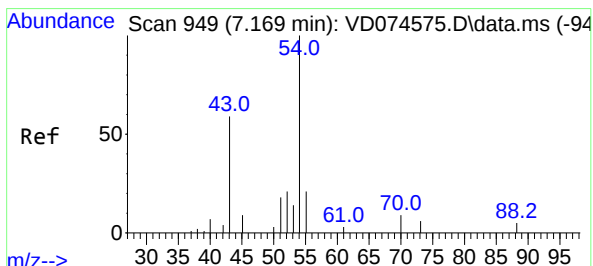
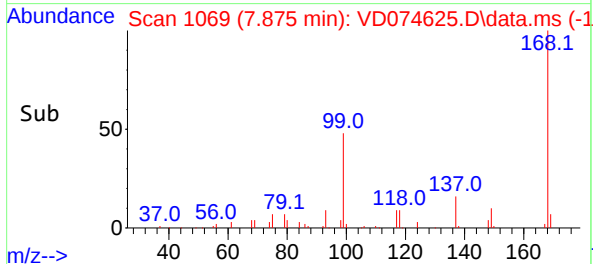
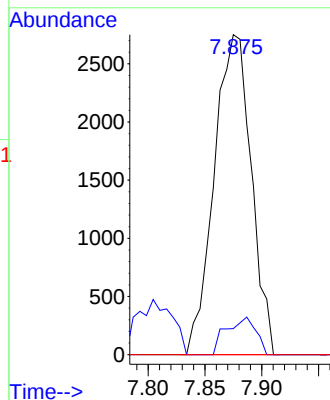
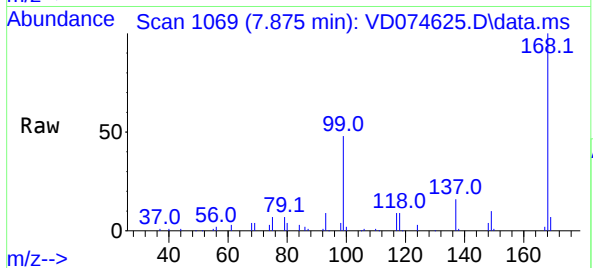
Tgt Ion: 75 Resp: 6239

Ion Ratio Lower Upper

75 100

110 9.3 19.7 59.0#

77 0.0 25.4 38.2#



#37

Ethyl Acetate

Concen: 1.395 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.094 min

Lab File: VD074625.D

Acq: 25 Oct 2022 11:41

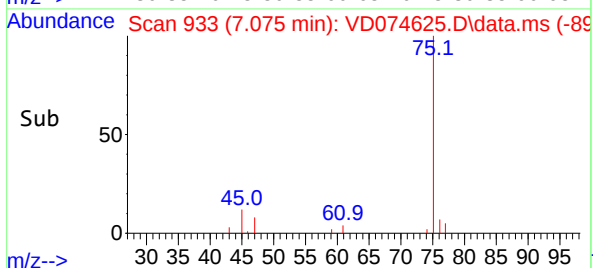
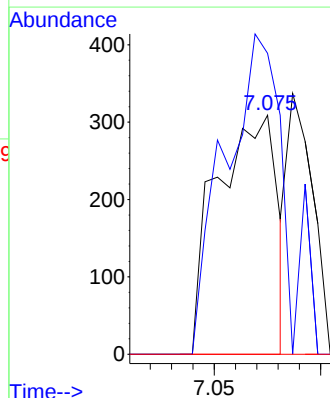
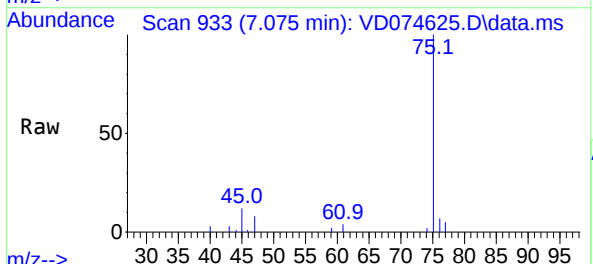
Tgt Ion: 43 Resp: 608

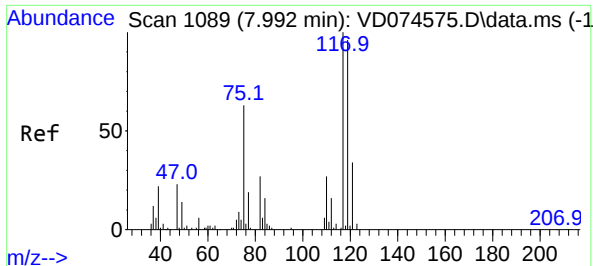
Ion Ratio Lower Upper

43 100

61 133.1 12.2 18.4#

70 0.0 9.6 14.4#





#38

Carbon Tetrachloride

Concen: 6.238 ug/l

RT: 7.875 min Scan# 1

Delta R.T. -0.112 min

Lab File: VD074625.D

Acq: 25 Oct 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1025SBL01

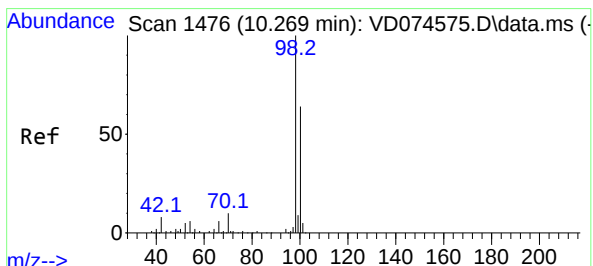
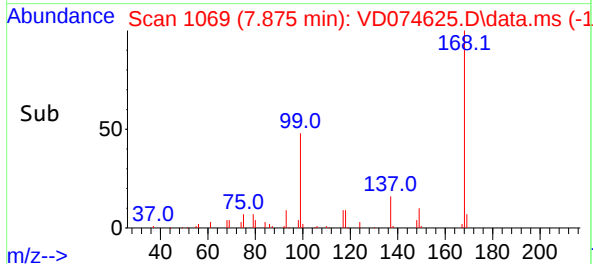
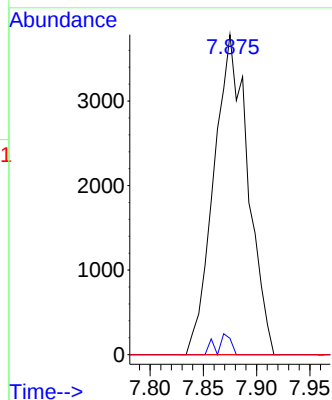
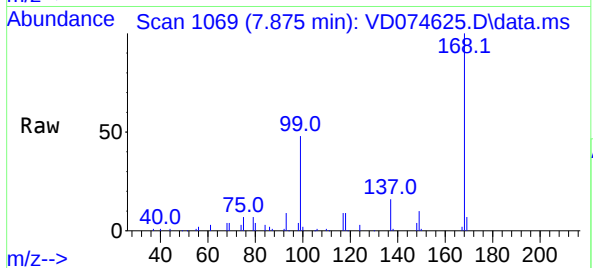
Tgt Ion:117 Resp: 8437

Ion Ratio Lower Upper

117 100

119 5.1 73.1 109.7#

121 0.0 25.0 37.6#



#50

Toluene-d8

Concen: 47.836 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074625.D

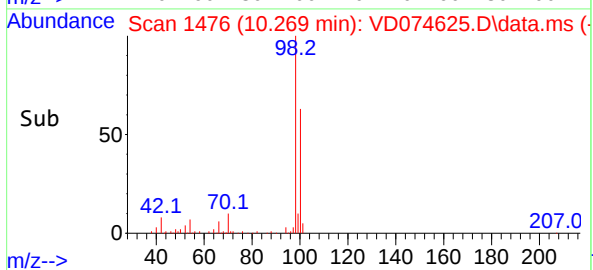
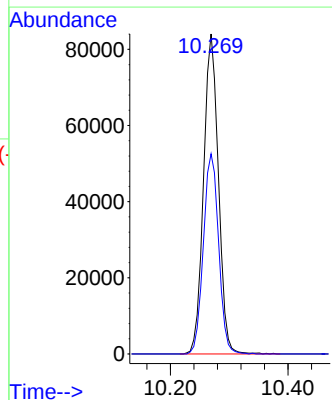
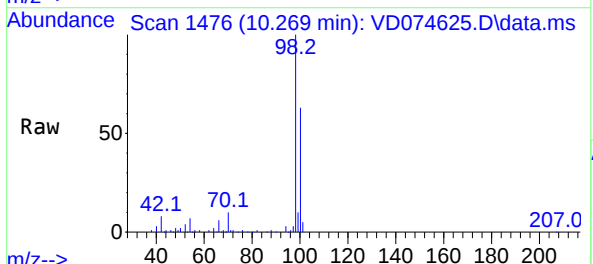
Acq: 25 Oct 2022 11:41

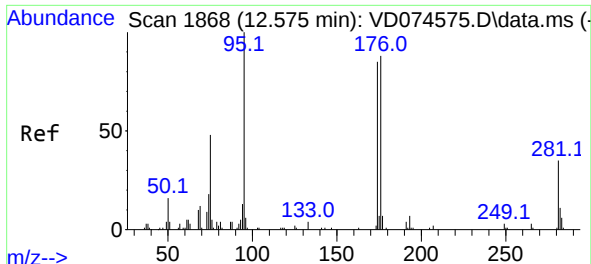
Tgt Ion: 98 Resp: 147206

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0

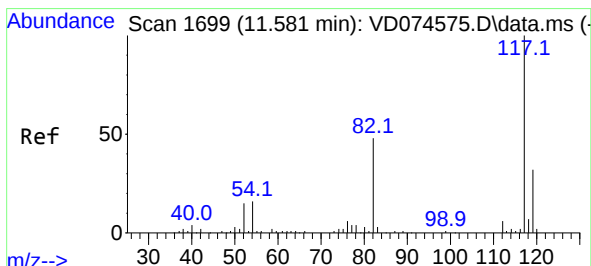
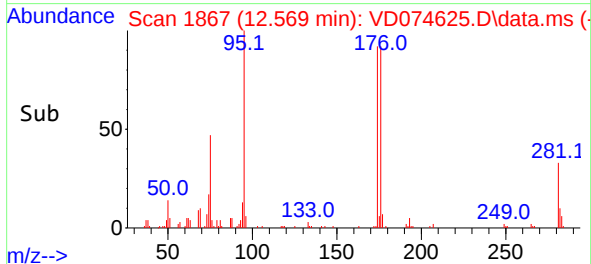
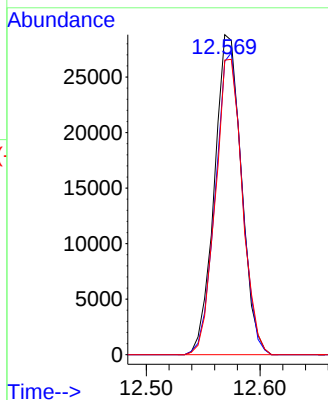
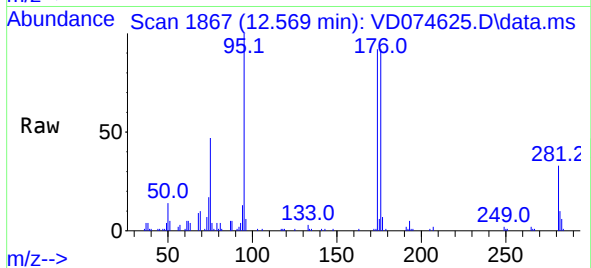




#62
4-Bromofluorobenzene
Concen: 53.897 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074625.D
Acq: 25 Oct 2022 11:41

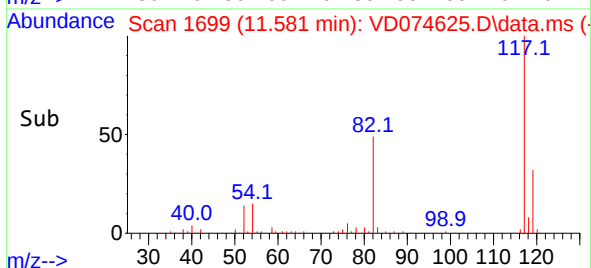
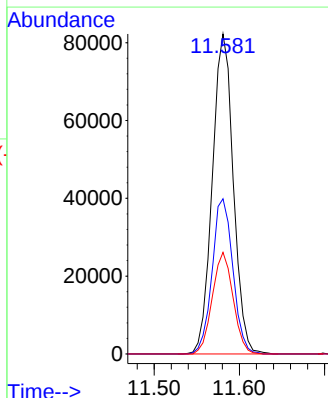
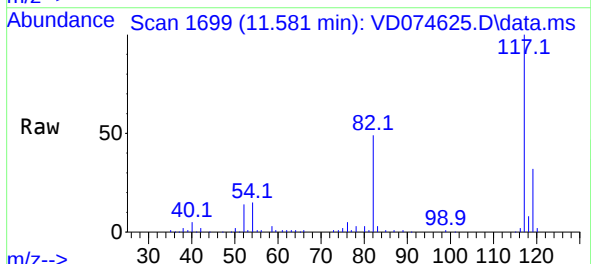
Instrument :
MSVOA_D
ClientSampleId :
VD1025SBL01

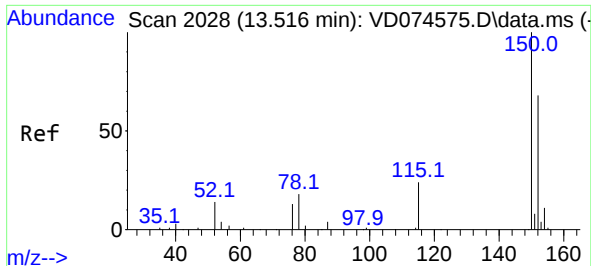
Tgt Ion: 95 Resp: 47581
Ion Ratio Lower Upper
95 100
174 93.2 0.0 197.0
176 92.1 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074625.D
Acq: 25 Oct 2022 11:41

Tgt Ion: 117 Resp: 140790
Ion Ratio Lower Upper
117 100
82 48.5 41.6 62.4
119 31.7 25.2 37.8

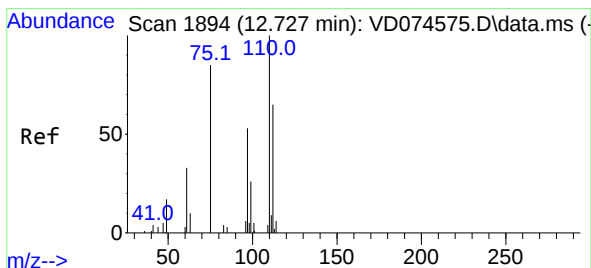
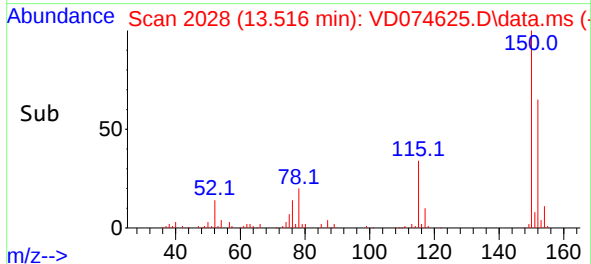
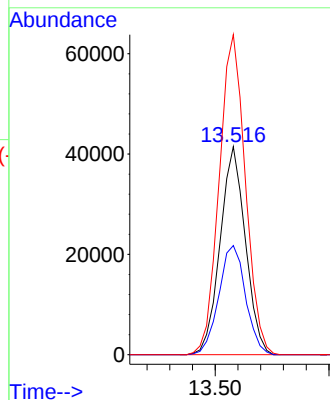
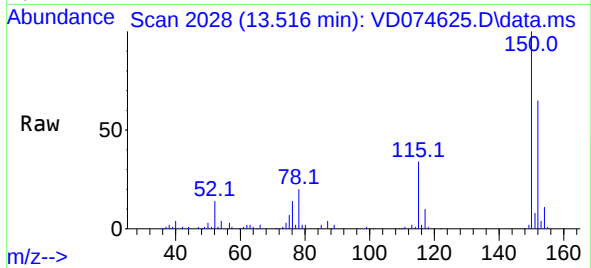




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074625.D
Acq: 25 Oct 2022 11:41

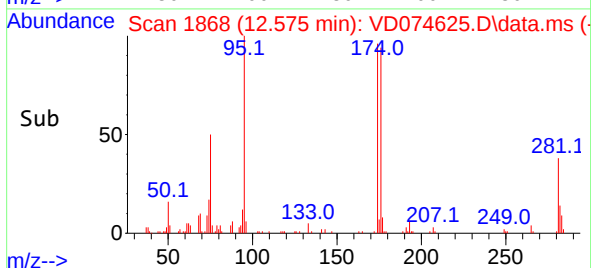
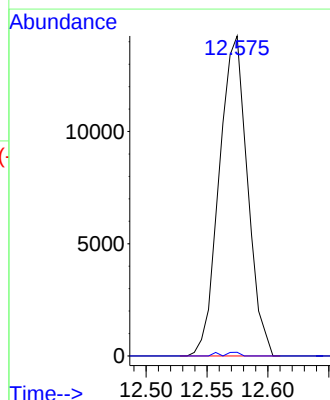
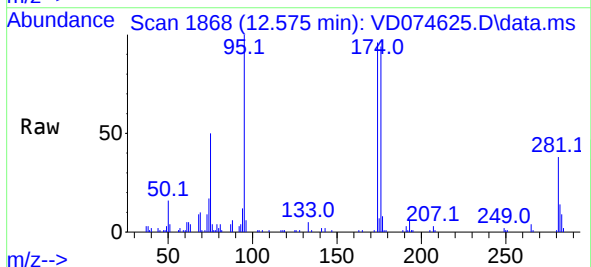
Instrument :
MSVOA_D
ClientSampleId :
VD1025SBL01

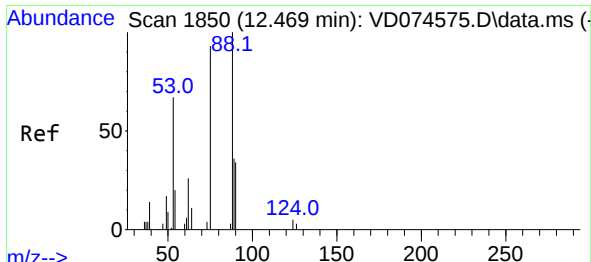
Tgt Ion:152 Resp: 64143
Ion Ratio Lower Upper
152 100
115 55.5 26.8 80.4
150 159.0 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 41.169 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.141 min
Lab File: VD074625.D
Acq: 25 Oct 2022 11:41

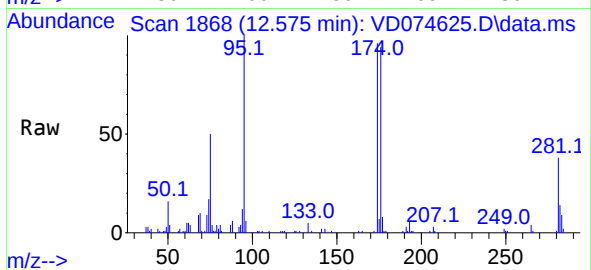
Tgt Ion: 75 Resp: 23058
Ion Ratio Lower Upper
75 100
77 0.7 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.208 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VD074625.D
 Acq: 25 Oct 2022 11:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1025SBL01



Tgt Ion: 75 Resp: 23058
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

