

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101022\
 Data File : VD074501.D
 Acq On : 10 Oct 2022 14:33
 Operator : VA/SY
 Sample : N5058-05
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 11 08:21:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

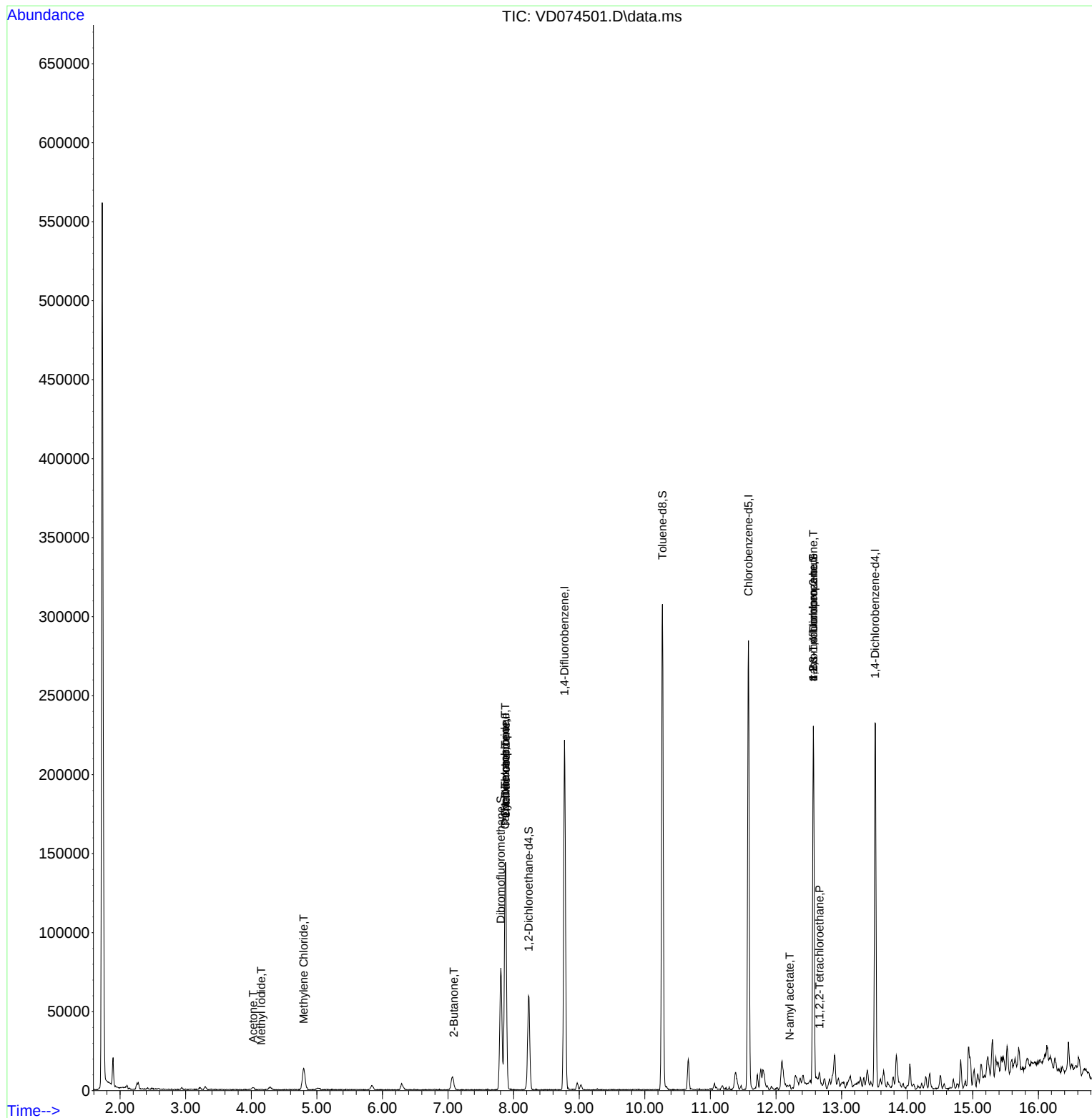
Internal Standards						
1) Pentafluorobenzene	7.881	168	117802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	209015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	174294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	66514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	46107	44.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.100%
35) Dibromofluoromethane	7.805	113	55548	40.303	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.600%
50) Toluene-d8	10.269	98	224342	44.760	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.520%
62) 4-Bromofluorobenzene	12.569	95	58333	35.732	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.460%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.152	142	66	5.847	ug/l #	43
11) Tert butyl alcohol	5.016	59	1235	Below Cal	#	84
16) Acetone	4.028	43	2285	19.526	ug/l	88
20) Methylene Chloride	4.799	84	11169	1.929	ug/l	93
25) 2-Butanone	7.087	43	368	1.226	ug/l #	42
31) Cyclohexane	7.875	56	2517	1.197	ug/l #	17
36) 1,1-Dichloropropene	7.875	75	8501	4.394	ug/l #	45
38) Carbon Tetrachloride	7.869	117	11541	6.732	ug/l #	20
74) N-amyl acetate	12.210	43	872	1.042	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.663	83	858	1.055	ug/l #	24
76) 1,2,3-Trichloropropane	12.569	75	30239	59.224	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	30239	132.136	ug/l #	17

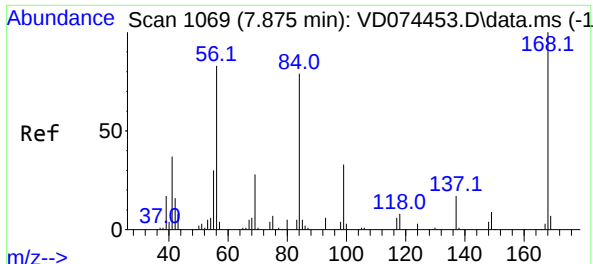
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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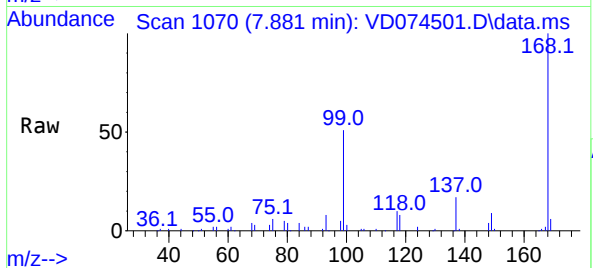
Quant Time: Oct 11 08:21:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 01:54:40 2022
Response via : Initial Calibration



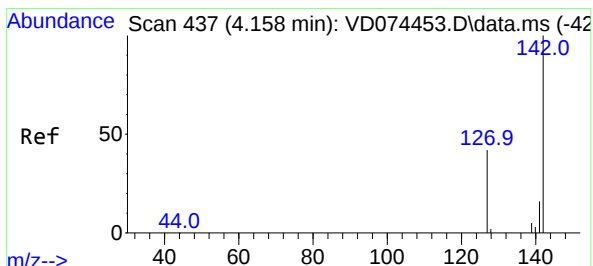
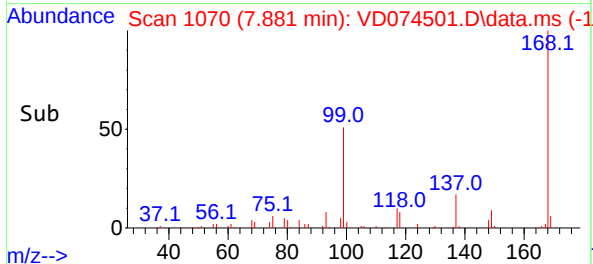
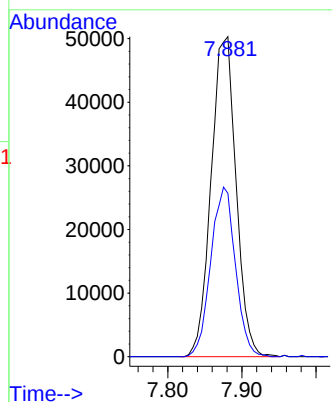


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074501.D
Acq: 10 Oct 2022 14:33

Instrument :
MSVOA_D
ClientSampleId :

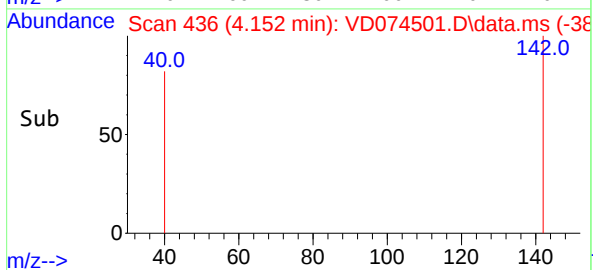
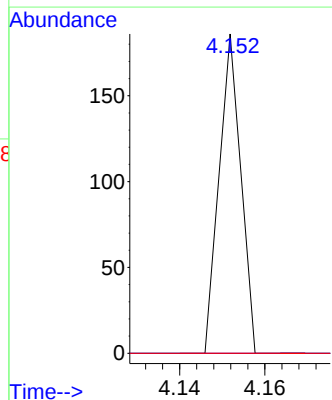
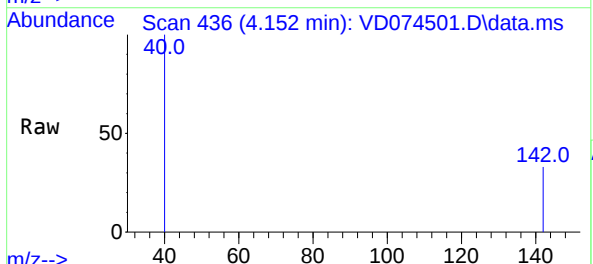


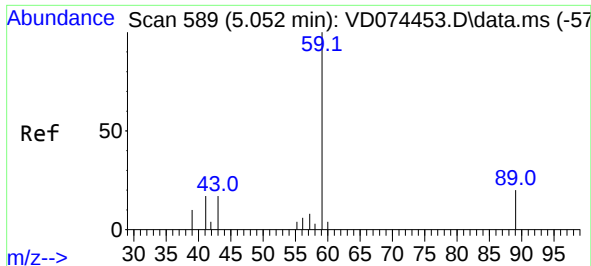
Tgt Ion:168 Resp: 117802
Ion Ratio Lower Upper
168 100
99 51.1 40.9 61.3



#10
Methyl Iodide
Concen: 5.847 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD074501.D
Acq: 10 Oct 2022 14:33

Tgt Ion:142 Resp: 66
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: 5.016 min Scan# 51

Delta R.T. -0.036 min

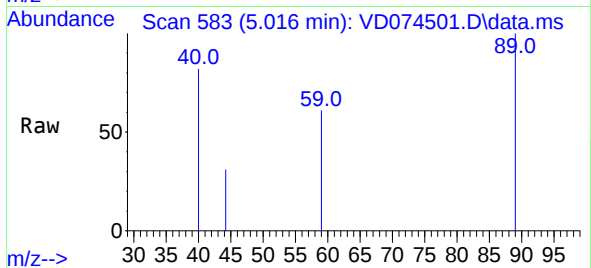
Lab File: VD074501.D

Acq: 10 Oct 2022 14:33

Instrument :

MSVOA_D

ClientSampleId :

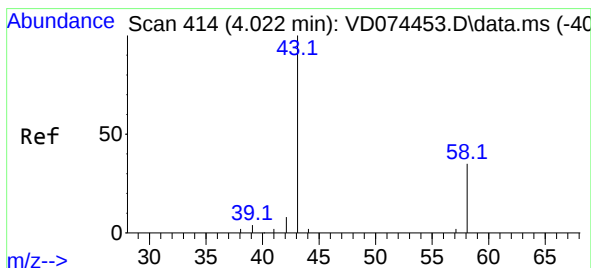
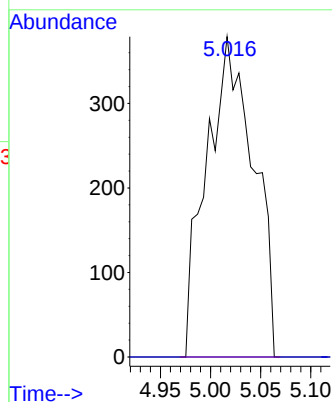


Tgt Ion: 59 Resp: 1235

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 19.526 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.006 min

Lab File: VD074501.D

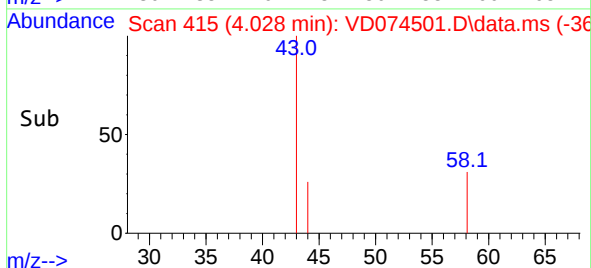
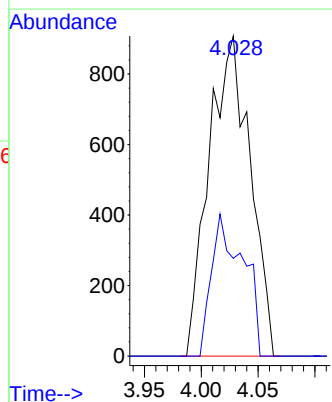
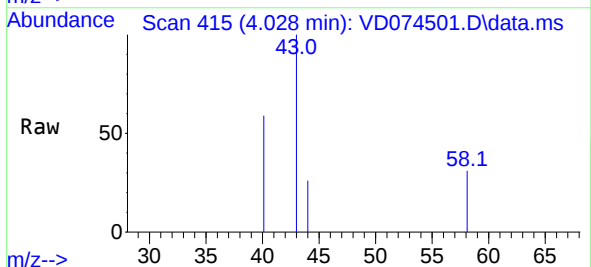
Acq: 10 Oct 2022 14:33

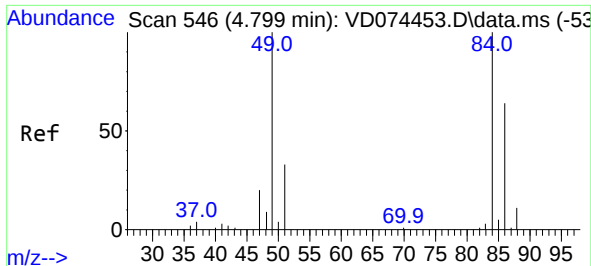
Tgt Ion: 43 Resp: 2285

Ion Ratio Lower Upper

43 100

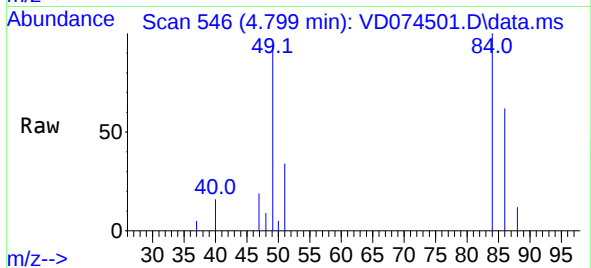
58 30.5 30.2 45.2





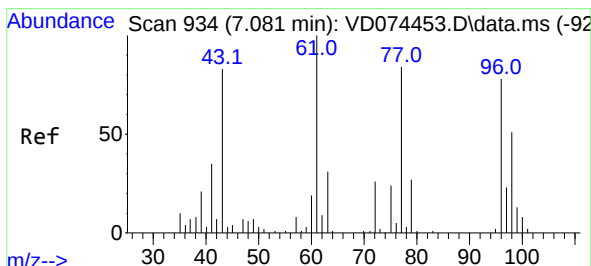
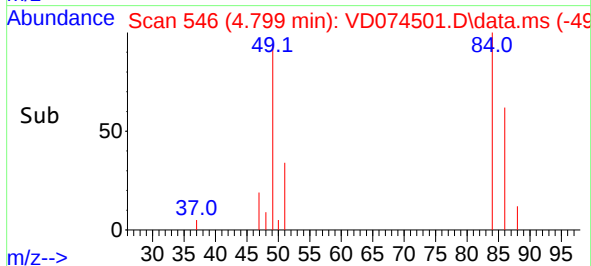
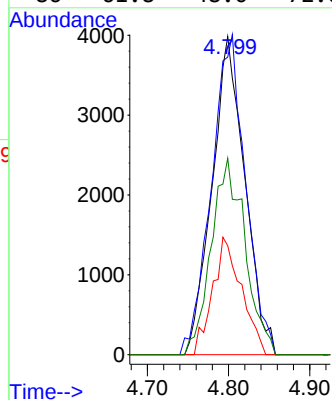
#20
Methylene Chloride
Concen: 1.929 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074501.D
Acq: 10 Oct 2022 14:33

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 11169

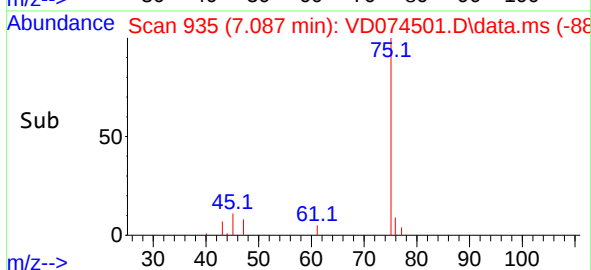
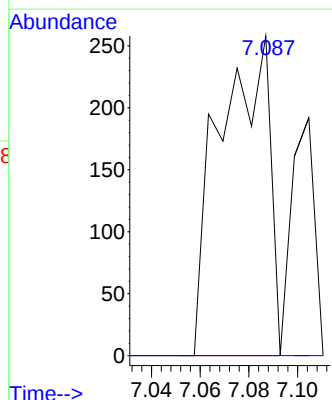
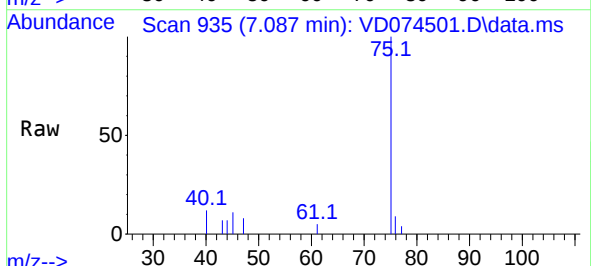
Ion	Ratio	Lower	Upper
84	100		
49	93.5	68.0	102.0
51	34.3	23.2	34.8
86	61.8	48.0	72.0

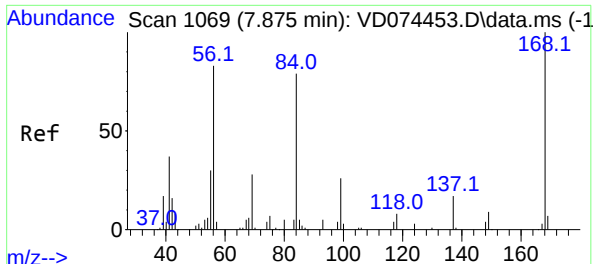


#25
2-Butanone
Concen: 1.226 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD074501.D
Acq: 10 Oct 2022 14:33

Tgt Ion: 43 Resp: 368

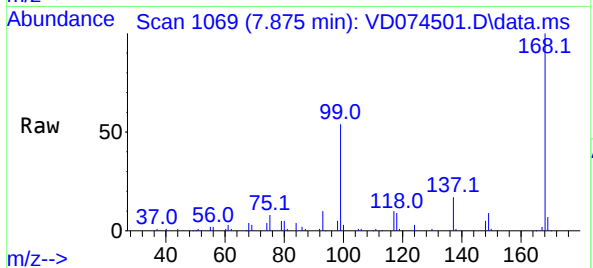
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#



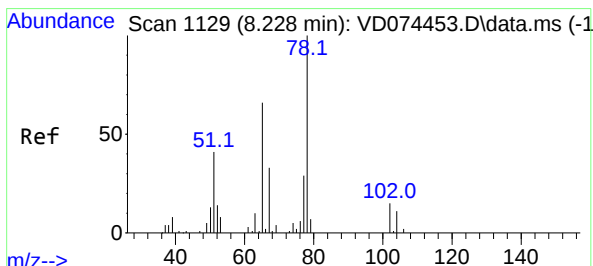
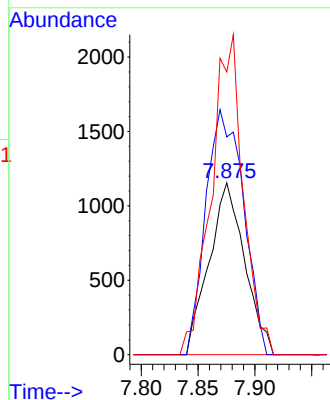
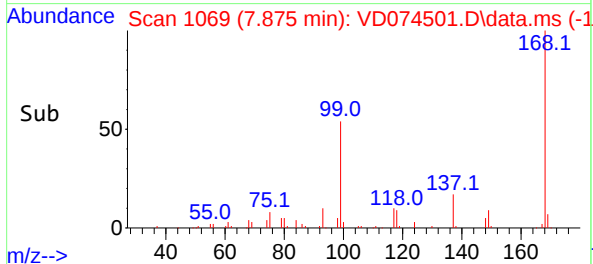


#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074501.D
Acq: 10 Oct 2022 14:33

Instrument :
MSVOA_D
ClientSampleId :

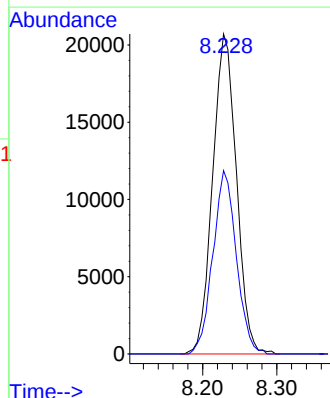
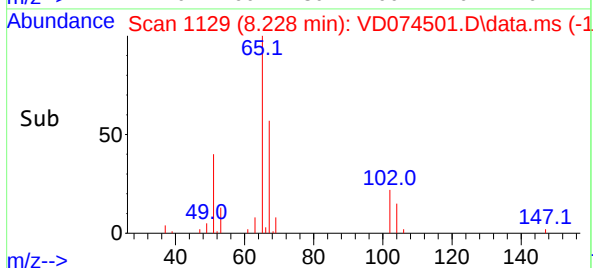
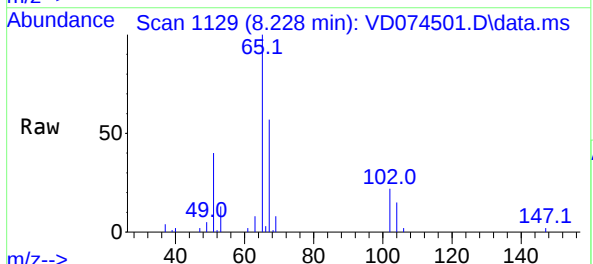


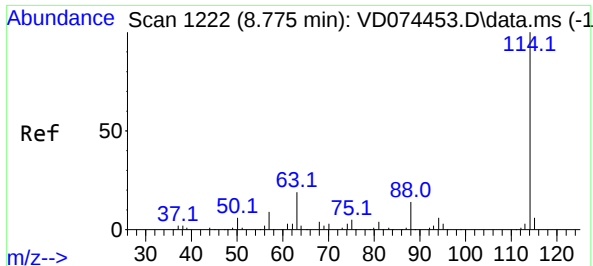
Tgt Ion: 56 Resp: 2517
Ion Ratio Lower Upper
56 100
69 126.8 29.2 43.8#
84 164.6 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 44.053 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074501.D
Acq: 10 Oct 2022 14:33

Tgt Ion: 65 Resp: 46107
Ion Ratio Lower Upper
65 100
67 56.7 0.0 110.2

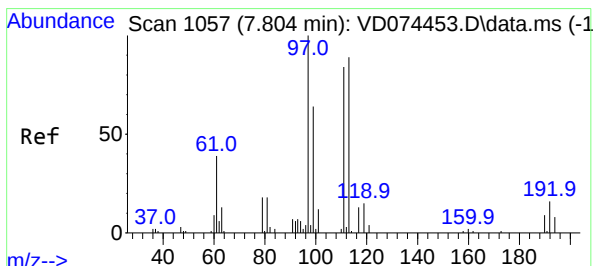
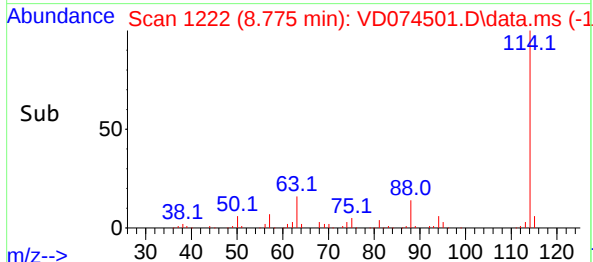
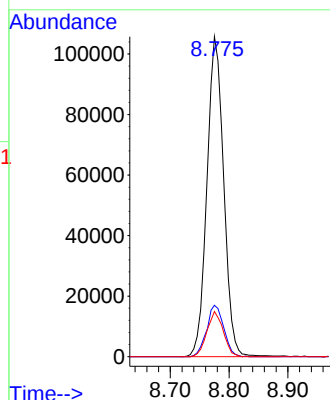
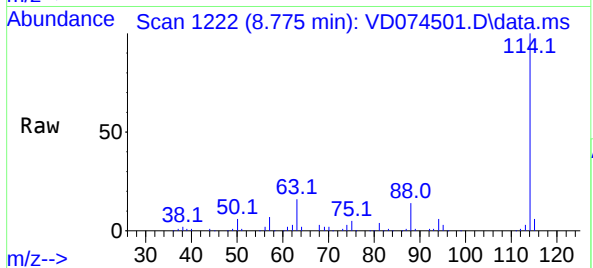




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074501.D
Acq: 10 Oct 2022 14:33

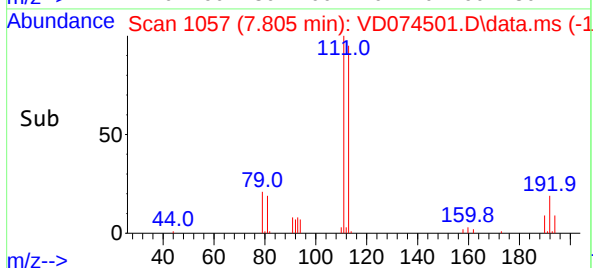
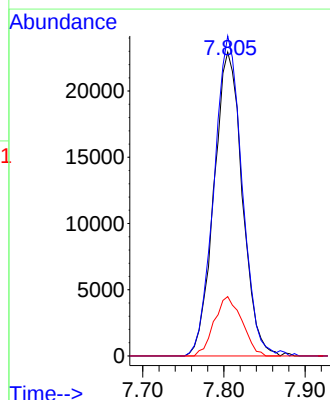
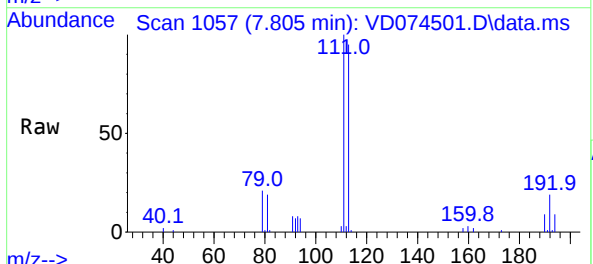
Instrument :
MSVOA_D
ClientSampleId :

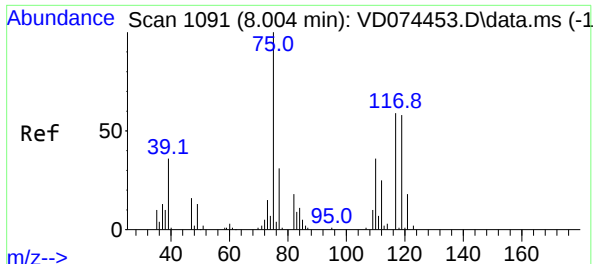
Tgt Ion:114 Resp: 209015
Ion Ratio Lower Upper
114 100
63 16.0 0.0 33.2
88 14.1 0.0 28.2



#35
Dibromofluoromethane
Concen: 40.303 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074501.D
Acq: 10 Oct 2022 14:33

Tgt Ion:113 Resp: 55548
Ion Ratio Lower Upper
113 100
111 104.8 82.3 123.5
192 19.1 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.394 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD074501.D

Acq: 10 Oct 2022 14:33

Instrument :

MSVOA_D

ClientSampleId :

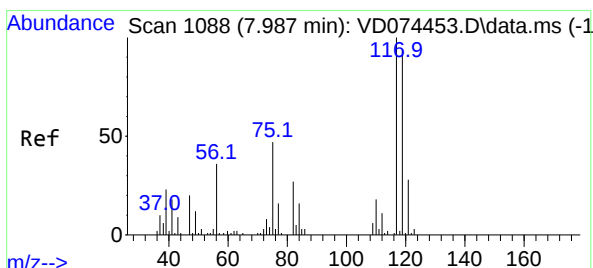
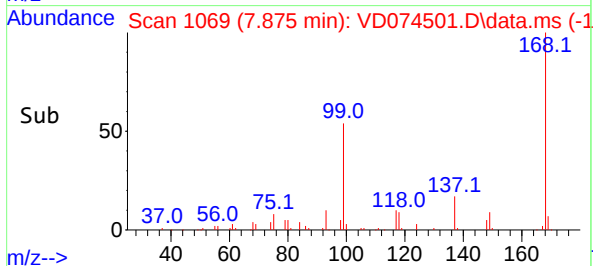
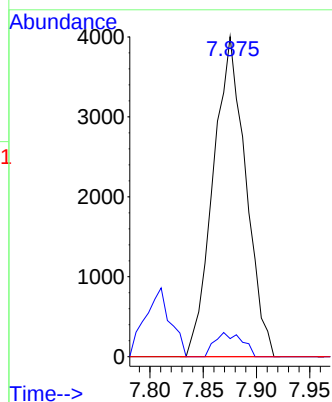
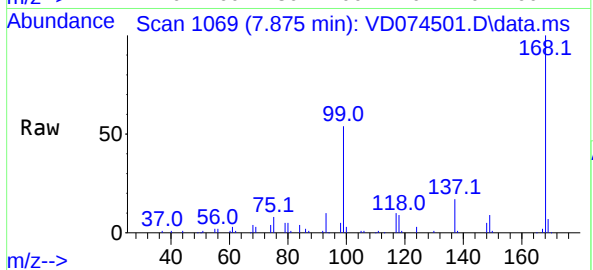
Tgt Ion: 75 Resp: 8501

Ion Ratio Lower Upper

75 100

110 6.4 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.732 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.118 min

Lab File: VD074501.D

Acq: 10 Oct 2022 14:33

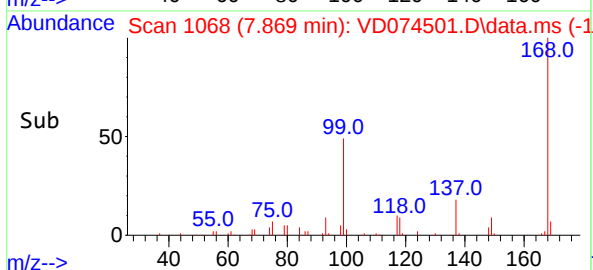
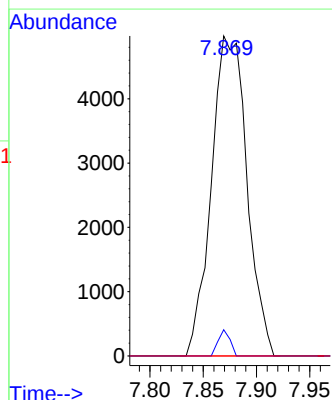
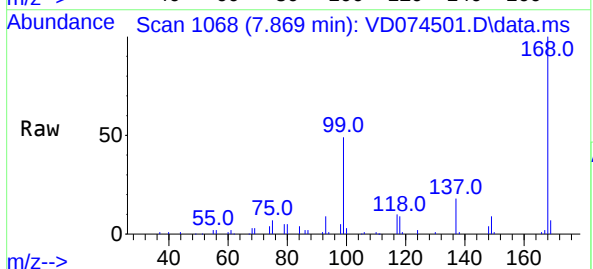
Tgt Ion: 117 Resp: 11541

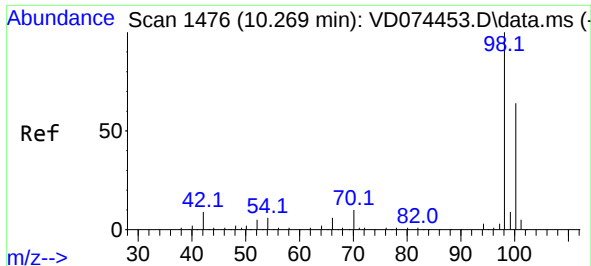
Ion Ratio Lower Upper

117 100

119 8.2 73.1 109.7#

121 0.0 25.0 37.6#

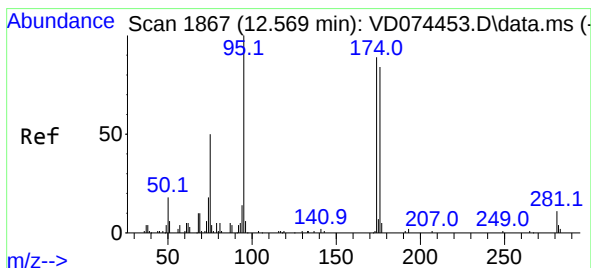
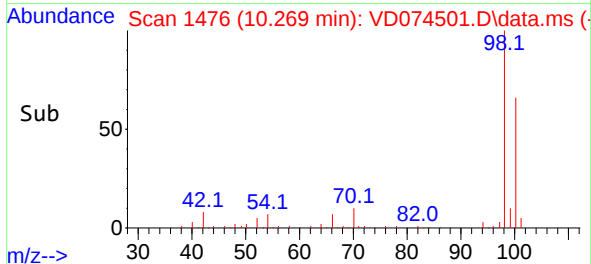
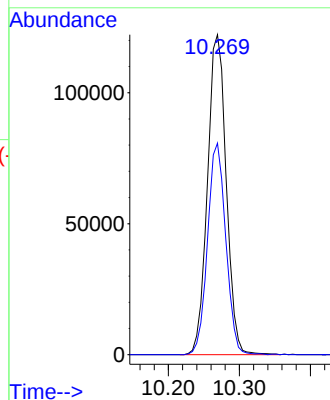
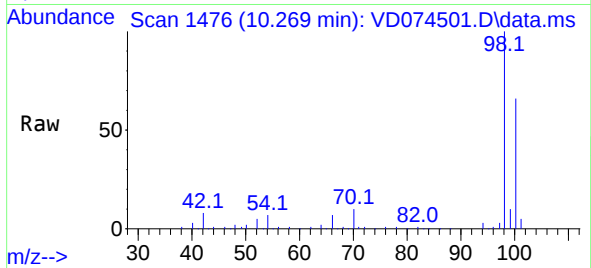




#50
Toluene-d8
Concen: 44.760 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074501.D
Acq: 10 Oct 2022 14:33

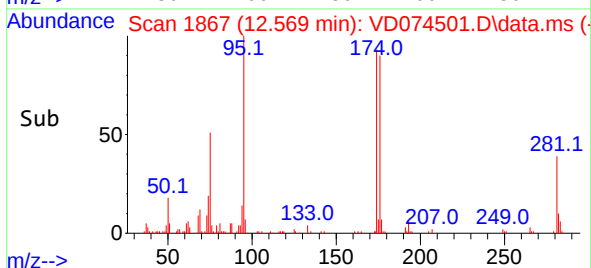
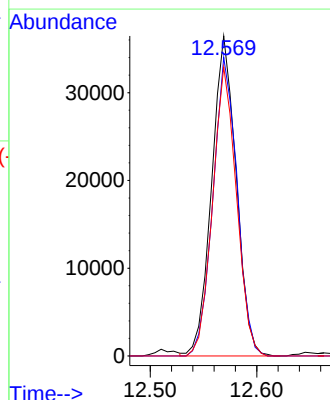
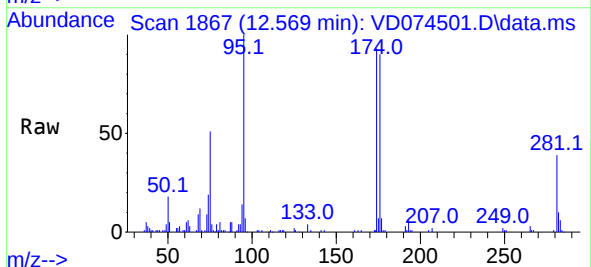
Instrument :
MSVOA_D
ClientSampleId :

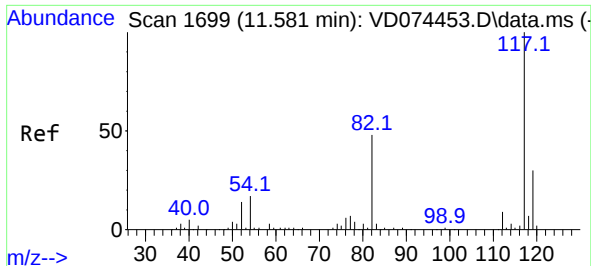
Tgt Ion: 98 Resp: 224342
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 35.732 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074501.D
Acq: 10 Oct 2022 14:33

Tgt Ion: 95 Resp: 58333
Ion Ratio Lower Upper
95 100
174 91.3 0.0 197.0
176 87.8 0.0 182.6

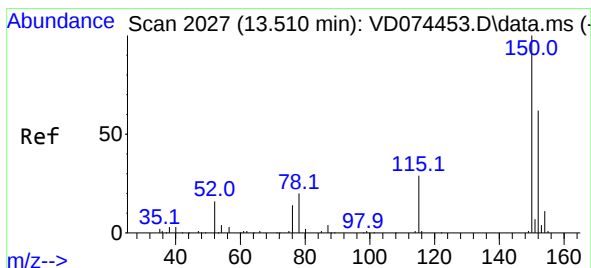
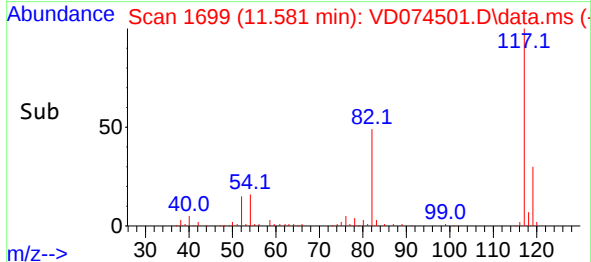
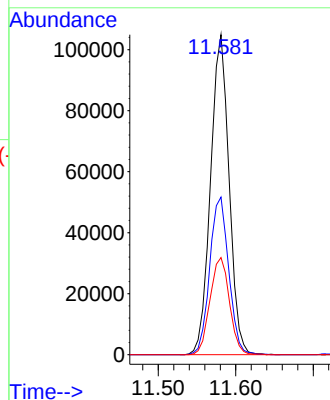
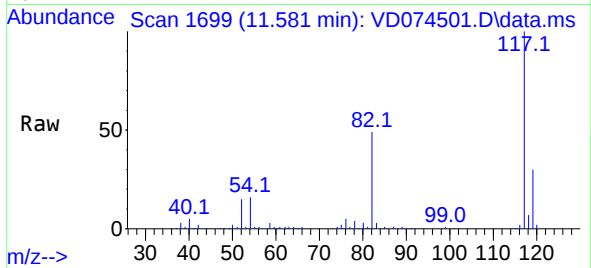




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD074501.D
Acq: 10 Oct 2022 14:33

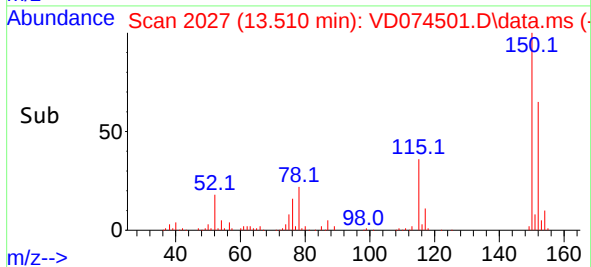
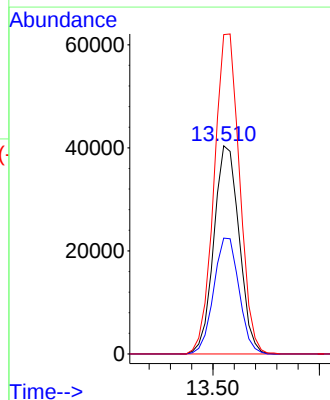
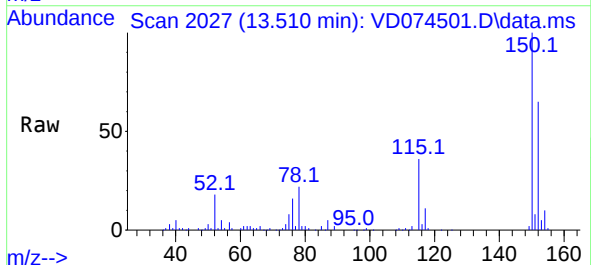
Instrument :
MSVOA_D
ClientSampleId :

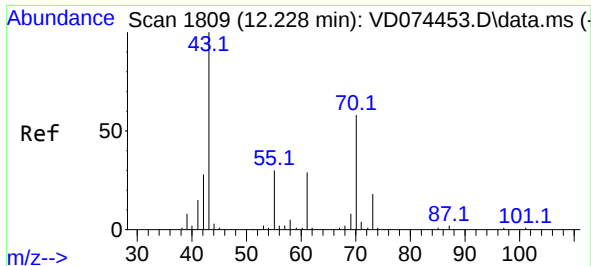
Tgt Ion:117 Resp: 174294
Ion Ratio Lower Upper
117 100
82 49.3 41.6 62.4
119 30.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074501.D
Acq: 10 Oct 2022 14:33

Tgt Ion:152 Resp: 66514
Ion Ratio Lower Upper
152 100
115 55.9 26.8 80.4
150 154.5 0.0 348.2



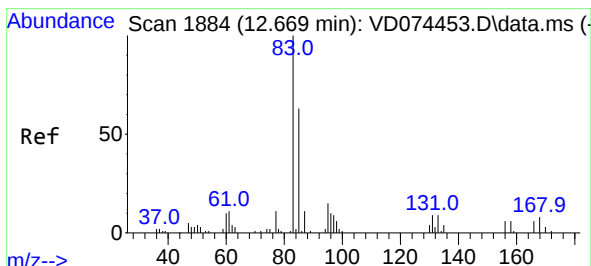
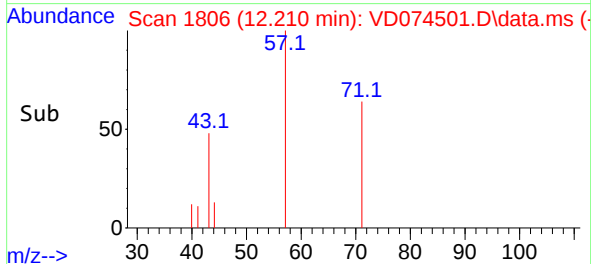
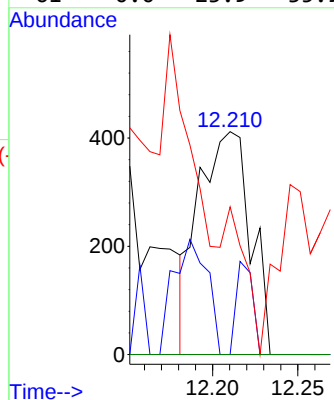
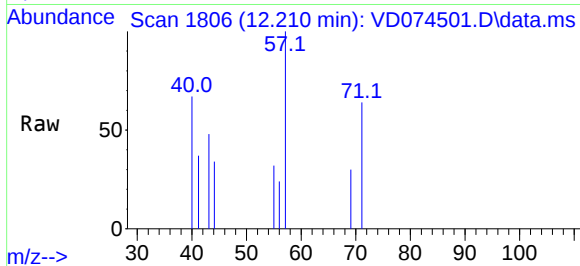


#74
N-amy1 acetate
Concen: 1.042 ug/l
RT: 12.210 min Scan# 1806
Delta R.T. -0.018 min
Lab File: VD074501.D
Acq: 10 Oct 2022 14:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 872

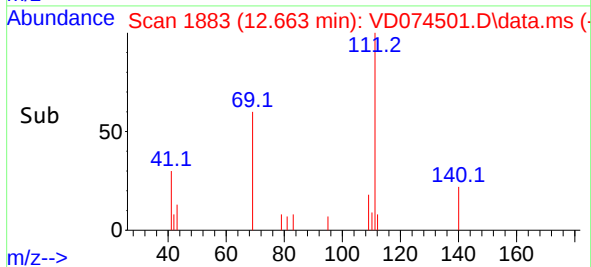
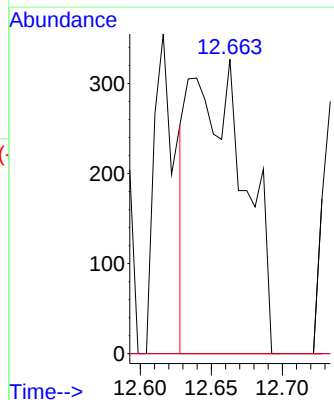
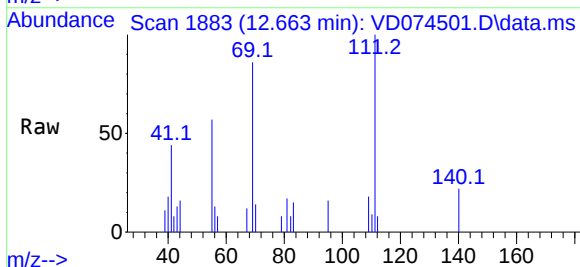
Ion	Ratio	Lower	Upper
43	100		
70	13.1	43.8	65.6#
55	0.0	22.0	33.0#
61	0.0	23.9	35.9#

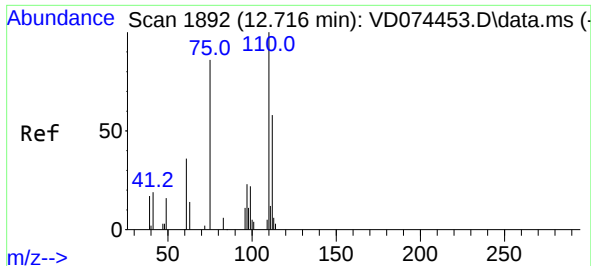


#75
1,1,2,2-Tetrachloroethane
Concen: 1.055 ug/l
RT: 12.663 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VD074501.D
Acq: 10 Oct 2022 14:33

Tgt Ion: 83 Resp: 858

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.7	14.1#
85	0.0	33.1	99.2#

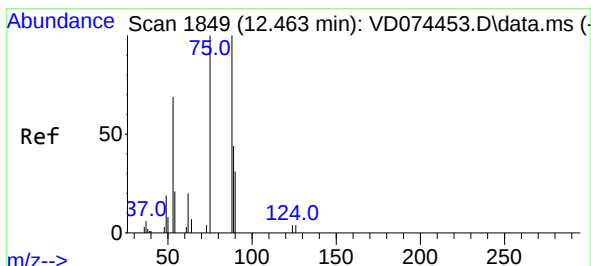
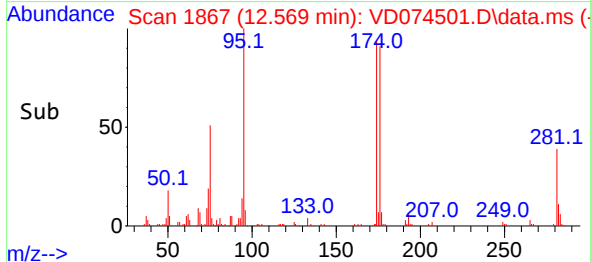
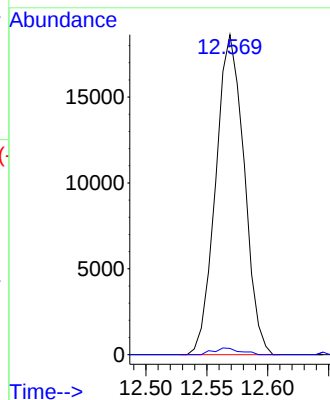
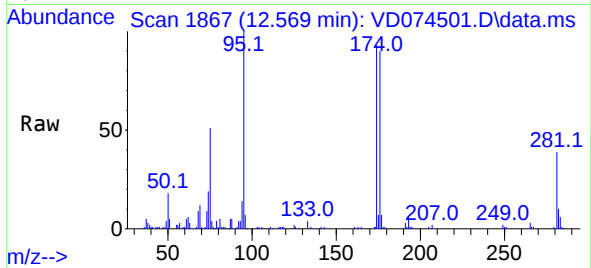




#76
1,2,3-Trichloropropane
Concen: 59.224 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074501.D
Acq: 10 Oct 2022 14:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 30239
Ion Ratio Lower Upper
75 100
77 1.9 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.136 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074501.D
Acq: 10 Oct 2022 14:33

Tgt Ion: 75 Resp: 30239
Ion Ratio Lower Upper
75 100
53 0.2 63.8 95.6#
89 0.0 38.2 57.4#

