

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074774.D
 Acq On : 07 Nov 2022 22:09
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1107SBL02

Quant Time: Nov 08 00:23:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

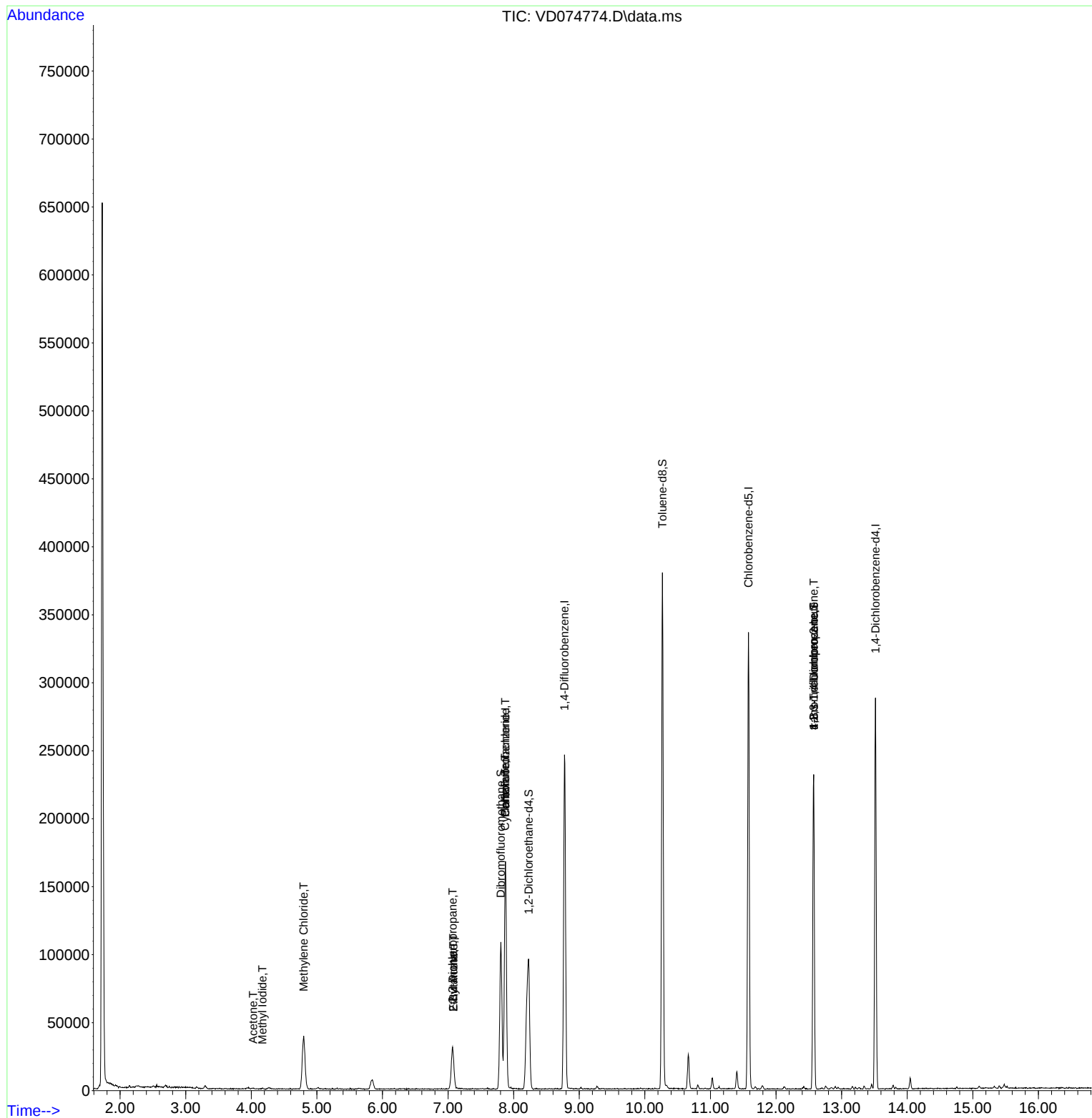
Internal Standards						
1) Pentafluorobenzene	7.875	168	137321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	241182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	213368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	81357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	62686	57.637	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.280%	
35) Dibromofluoromethane	7.805	113	79292	55.578	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.160%	
50) Toluene-d8	10.269	98	274025	52.655	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.320%	
62) 4-Bromofluorobenzene	12.575	95	70180	46.706	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.420%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.169	142	711	5.891	ug/l #	53
11) Tert butyl alcohol	5.022	59	725	Below Cal	#	84
16) Acetone	4.028	43	990	4.362	ug/l #	79
20) Methylene Chloride	4.799	84	33348	7.862	ug/l	97
25) 2-Butanone	7.081	43	1374	4.403	ug/l #	42
26) 2,2-Dichloropropane	7.069	77	2660	1.170	ug/l #	50
31) Cyclohexane	7.869	56	3046	1.383	ug/l #	1
37) Ethyl Acetate	7.081	43	1374	1.902	ug/l #	1
38) Carbon Tetrachloride	7.875	117	12789	6.233	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	34967	55.443	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	34967	131.608	ug/l #	17

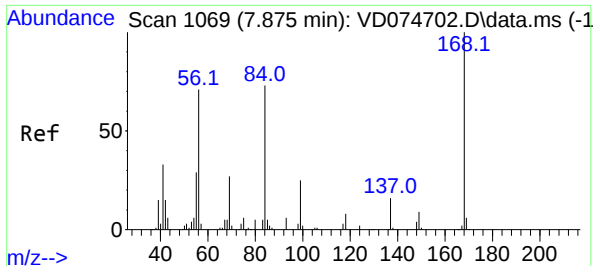
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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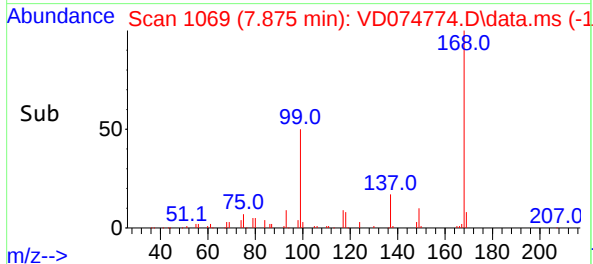
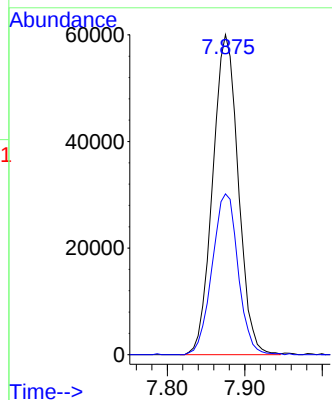
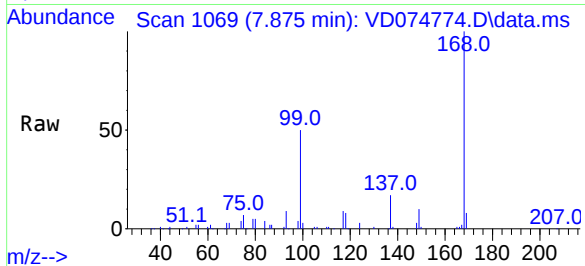




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074774.D
Acq: 07 Nov 2022 22:09

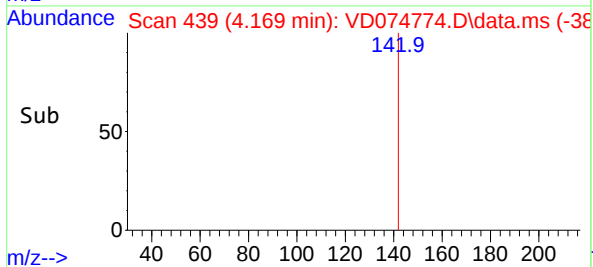
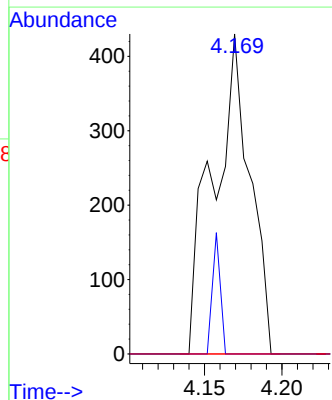
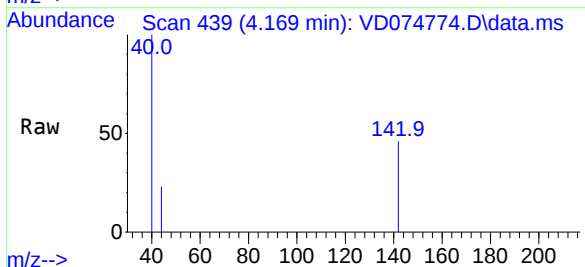
Instrument :
MSVOA_D
ClientSampleId :
VD1107SBL02

Tgt Ion:168 Resp: 137321
Ion Ratio Lower Upper
168 100
99 50.2 40.9 61.3



#10
Methyl Iodide
Concen: 5.891 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074774.D
Acq: 07 Nov 2022 22:09

Tgt Ion:142 Resp: 711
Ion Ratio Lower Upper
142 100
127 8.2 31.9 47.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.022 min Scan# 51

Delta R.T. -0.024 min

Lab File: VD074774.D

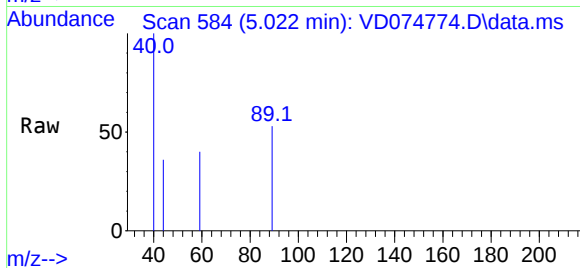
Acq: 07 Nov 2022 22:09

Instrument :

MSVOA_D

ClientSampleId :

VD1107SBL02

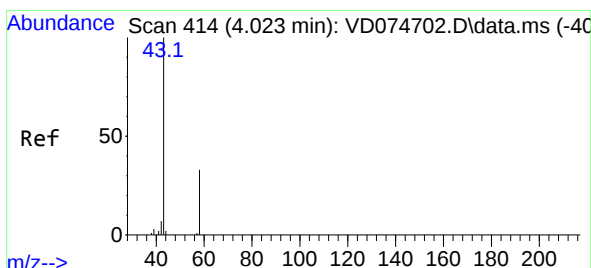
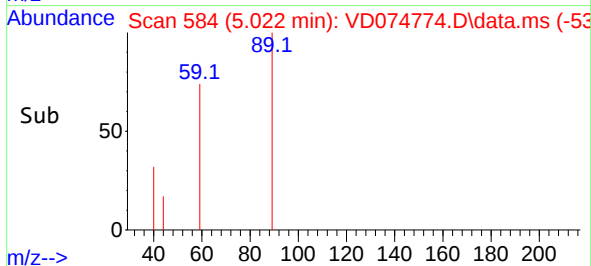
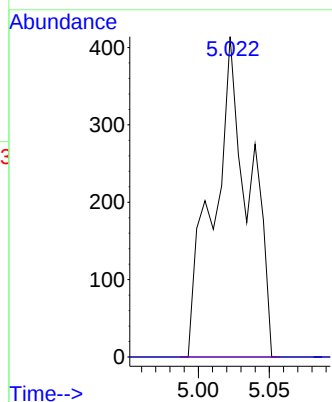


Tgt Ion: 59 Resp: 725

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 4.362 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.005 min

Lab File: VD074774.D

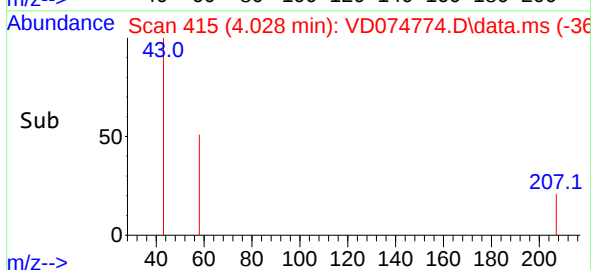
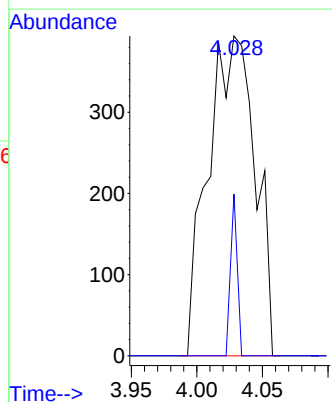
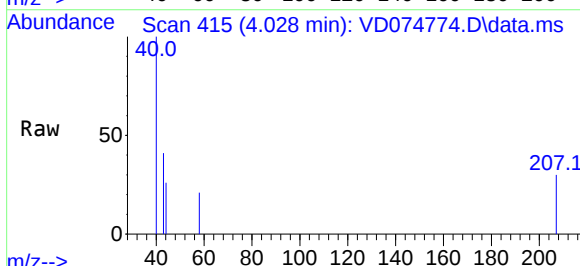
Acq: 07 Nov 2022 22:09

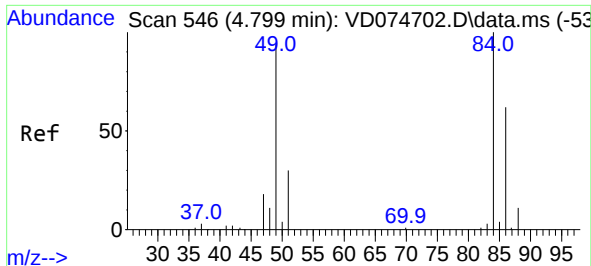
Tgt Ion: 43 Resp: 990

Ion Ratio Lower Upper

43 100

58 50.5 30.2 45.2#



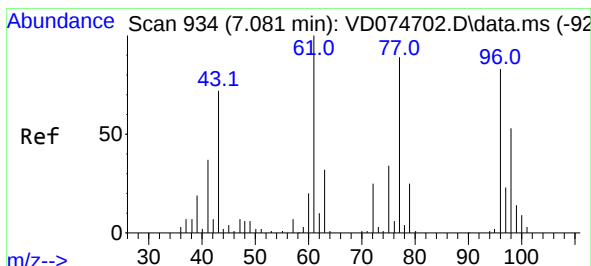
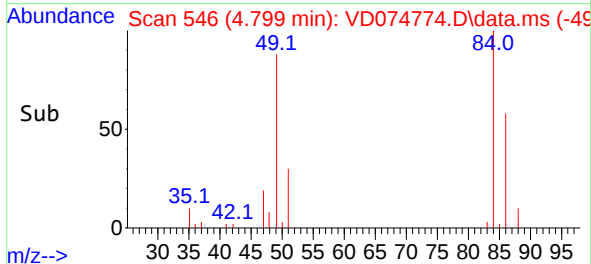
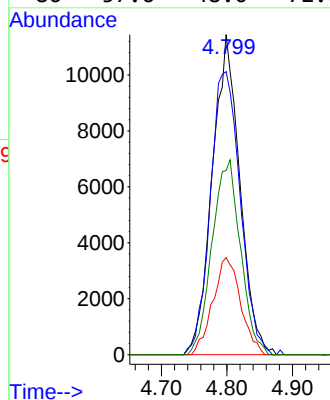
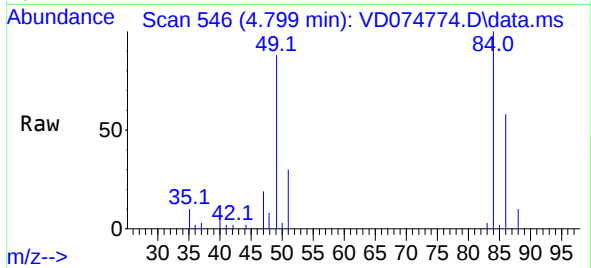


#20
Methylene Chloride
Concen: 7.862 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074774.D
Acq: 07 Nov 2022 22:09

Instrument :
MSVOA_D
ClientSampleId :
VD1107SBL02

Tgt Ion: 84 Resp: 33348

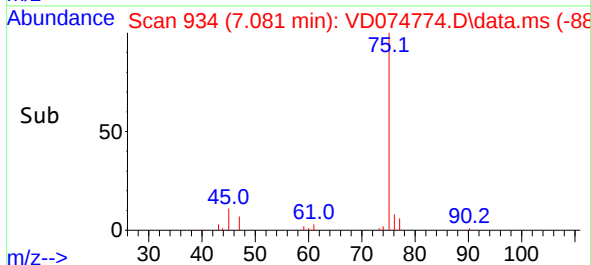
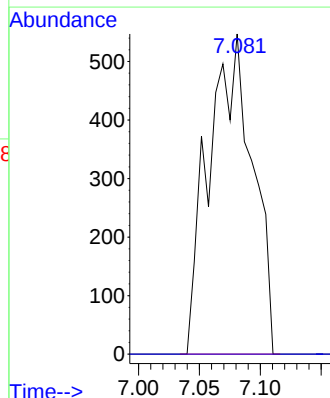
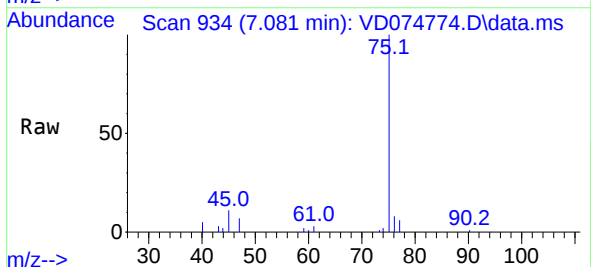
Ion	Ratio	Lower	Upper
84	100		
49	88.5	68.0	102.0
51	30.3	23.2	34.8
86	57.6	48.0	72.0

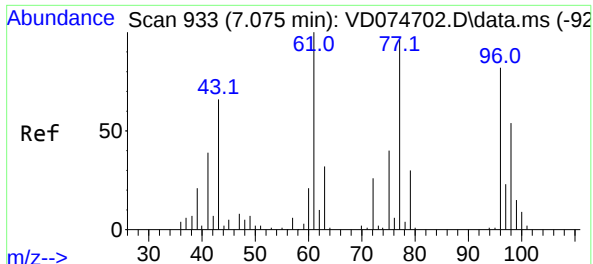


#25
2-Butanone
Concen: 4.403 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD074774.D
Acq: 07 Nov 2022 22:09

Tgt Ion: 43 Resp: 1374

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#

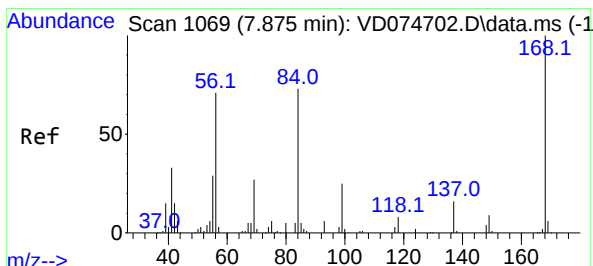
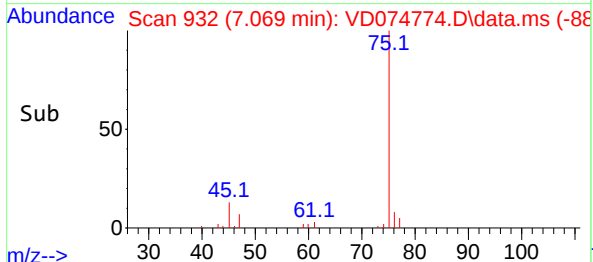
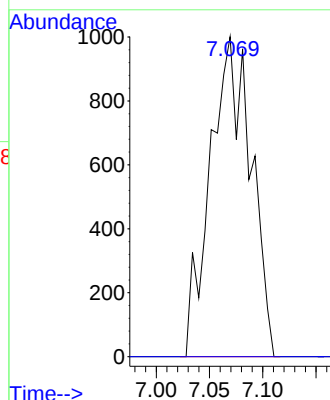
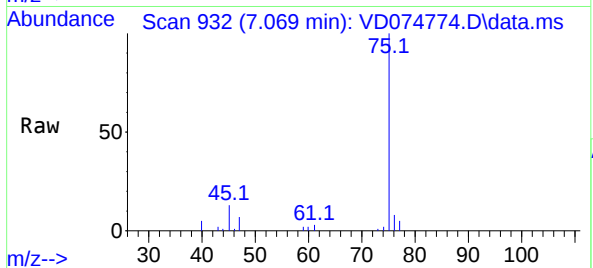




#26
2,2-Dichloropropane
Concen: 1.170 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074774.D
Acq: 07 Nov 2022 22:09

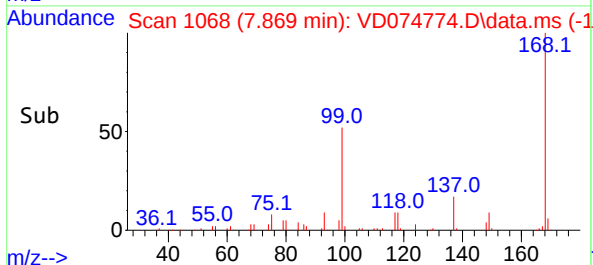
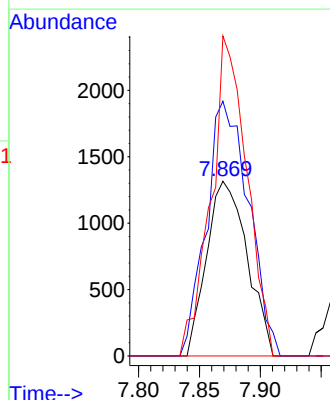
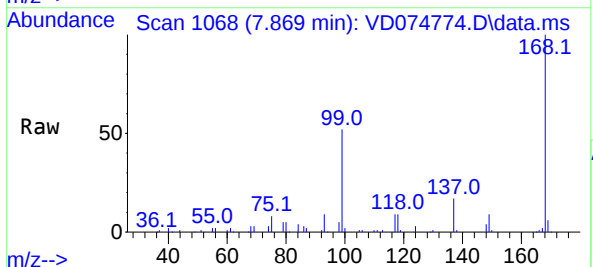
Instrument :
MSVOA_D
ClientSampleId :
VD1107SBL02

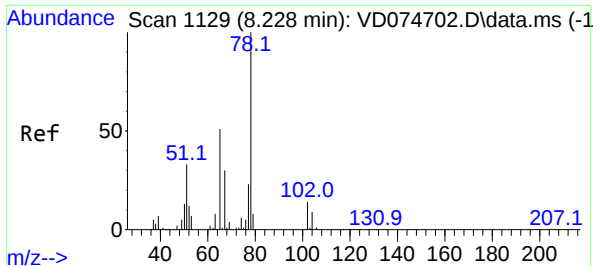
Tgt Ion: 77 Resp: 2660
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#



#31
Cyclohexane
Concen: 1.383 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD074774.D
Acq: 07 Nov 2022 22:09

Tgt Ion: 56 Resp: 3046
Ion Ratio Lower Upper
56 100
69 145.8 29.2 43.8#
84 183.1 83.4 125.2#





#33

1,2-Dichloroethane-d4

Concen: 57.637 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074774.D

Acq: 07 Nov 2022 22:09

Instrument :

MSVOA_D

ClientSampleId :

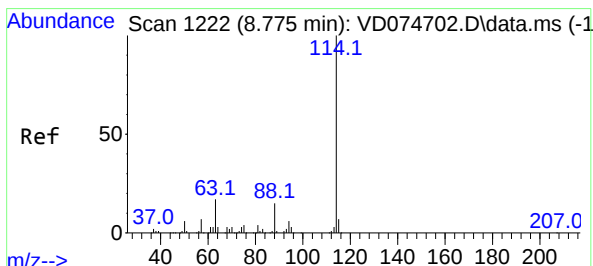
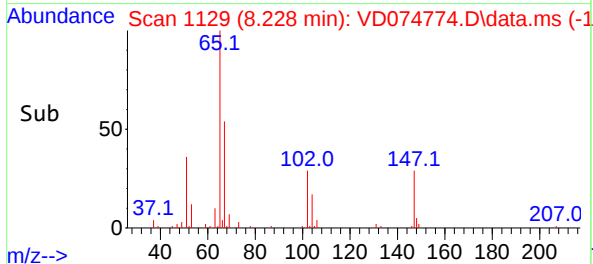
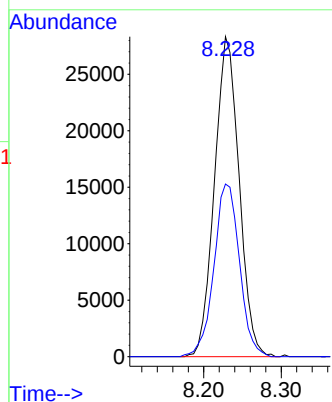
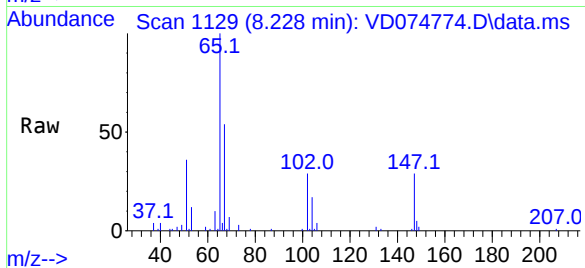
VD1107SBL02

Tgt Ion: 65 Resp: 62686

Ion Ratio Lower Upper

65 100

67 56.0 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: VD074774.D

Acq: 07 Nov 2022 22:09

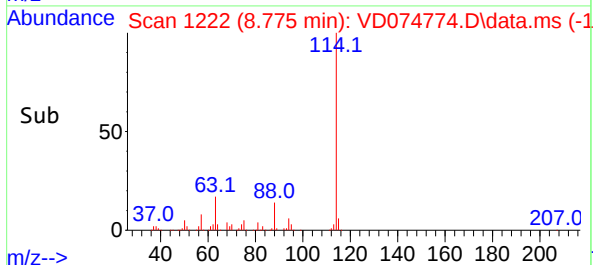
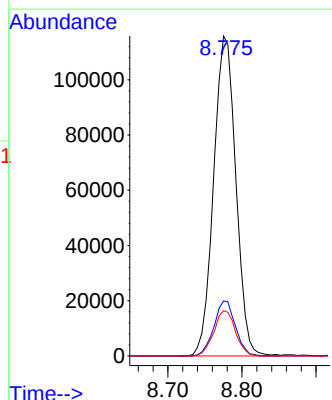
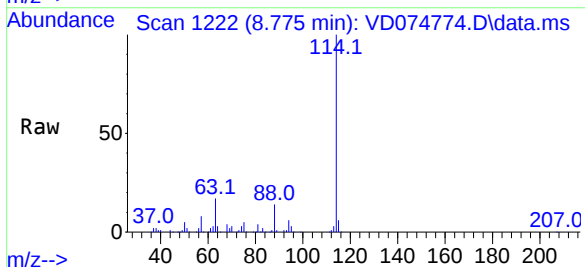
Tgt Ion: 114 Resp: 241182

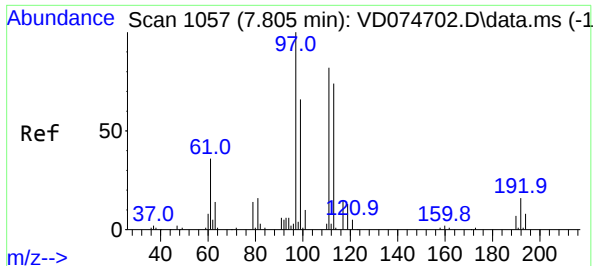
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.2

88 14.2 0.0 28.2





#35

Dibromofluoromethane

Concen: 55.578 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074774.D

Acq: 07 Nov 2022 22:09

Instrument :

MSVOA_D

ClientSampleId :

VD1107SBL02

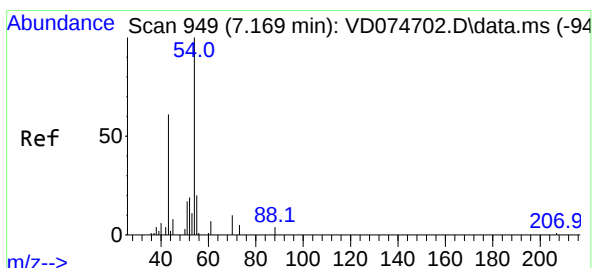
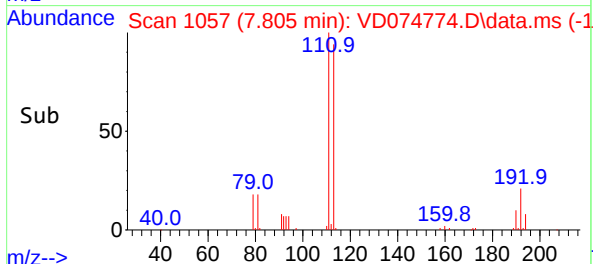
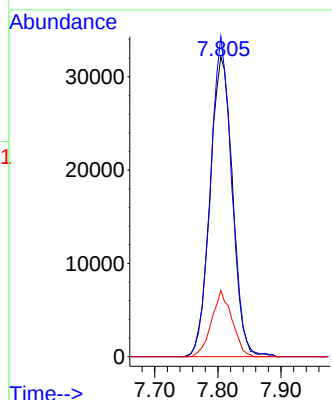
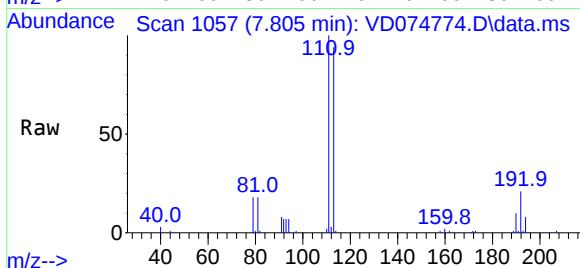
Tgt Ion:113 Resp: 79292

Ion Ratio Lower Upper

113 100

111 101.6 82.3 123.5

192 20.1 16.4 24.6



#37

Ethyl Acetate

Concen: 1.902 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.088 min

Lab File: VD074774.D

Acq: 07 Nov 2022 22:09

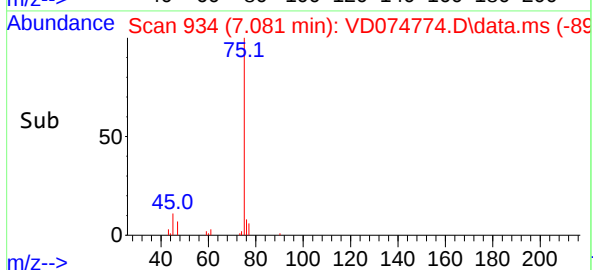
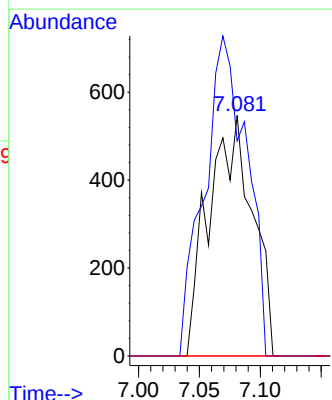
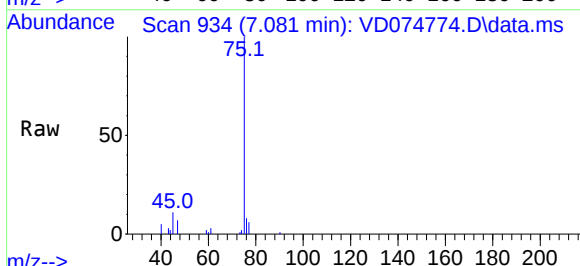
Tgt Ion: 43 Resp: 1374

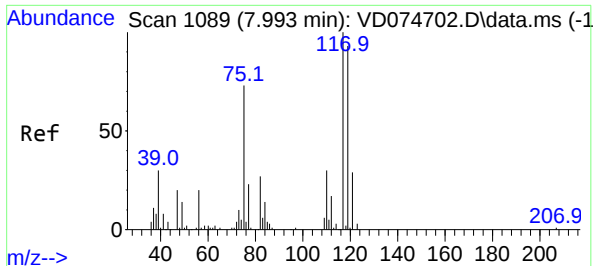
Ion Ratio Lower Upper

43 100

61 128.5 12.2 18.4#

70 0.0 9.6 14.4#

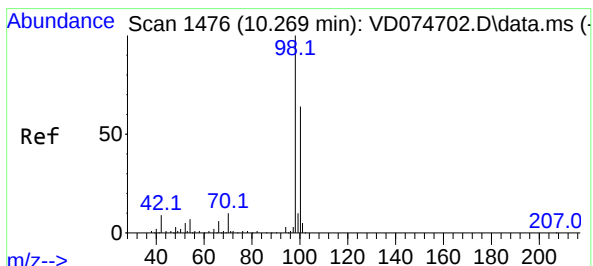
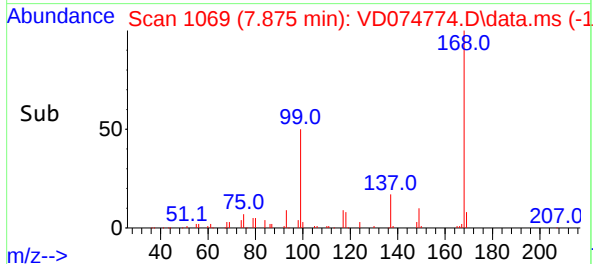
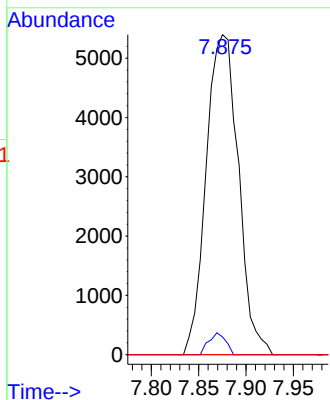
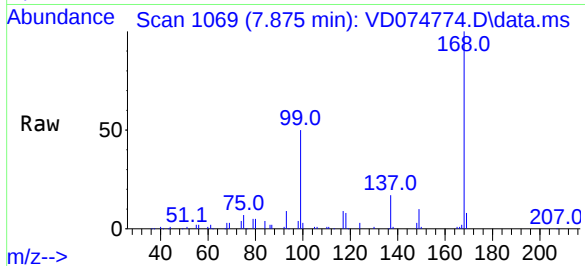




#38
Carbon Tetrachloride
Concen: 6.233 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD074774.D
Acq: 07 Nov 2022 22:09

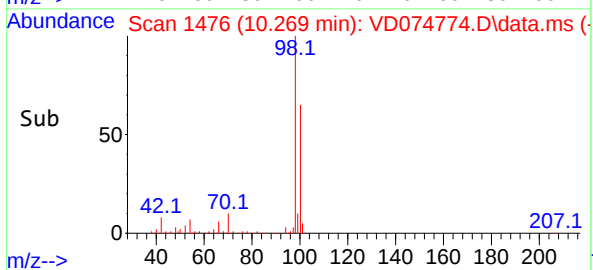
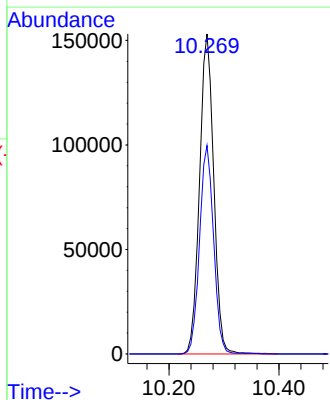
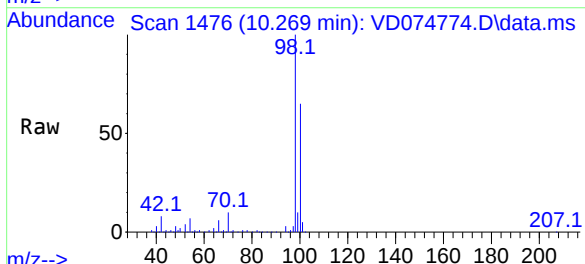
Instrument :
MSVOA_D
ClientSampleId :
VD1107SBL02

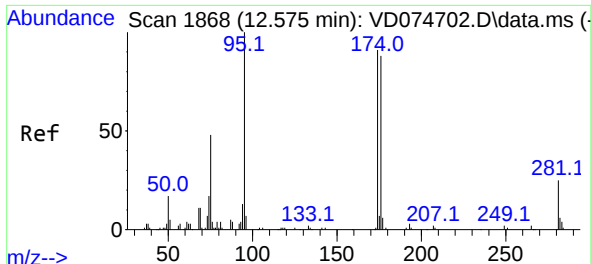
Tgt Ion:117 Resp: 12789
Ion Ratio Lower Upper
117 100
119 5.6 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 52.655 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074774.D
Acq: 07 Nov 2022 22:09

Tgt Ion: 98 Resp: 274025
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0

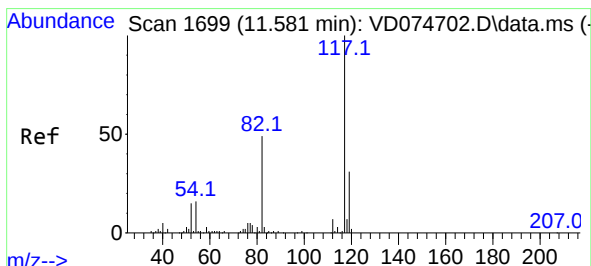
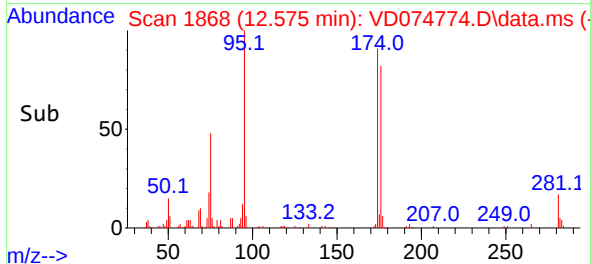
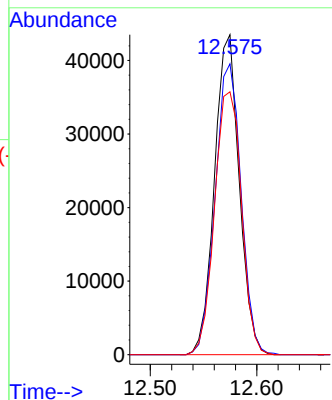
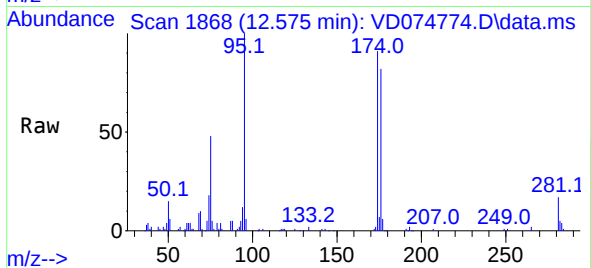




#62
4-Bromofluorobenzene
Concen: 46.706 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074774.D
Acq: 07 Nov 2022 22:09

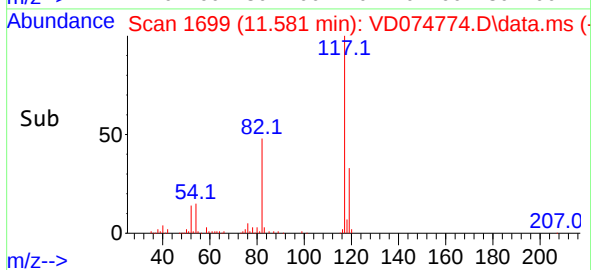
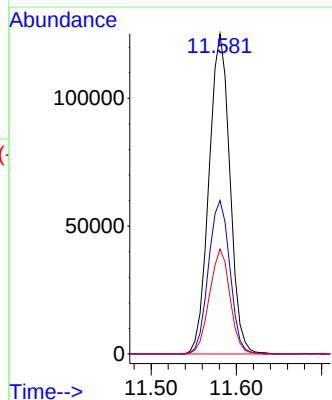
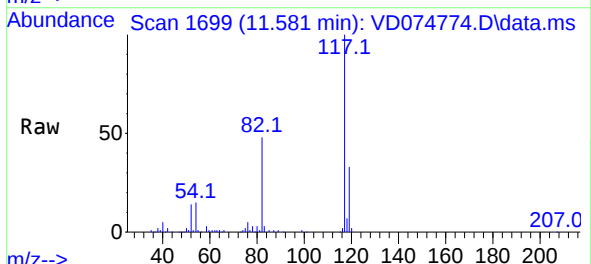
Instrument :
MSVOA_D
ClientSampleId :
VD1107SBL02

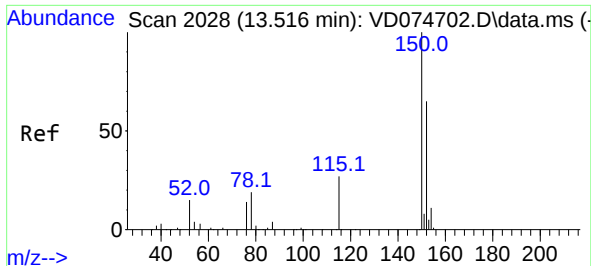
Tgt Ion: 95 Resp: 70180
Ion Ratio Lower Upper
95 100
174 95.3 0.0 197.0
176 89.5 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074774.D
Acq: 07 Nov 2022 22:09

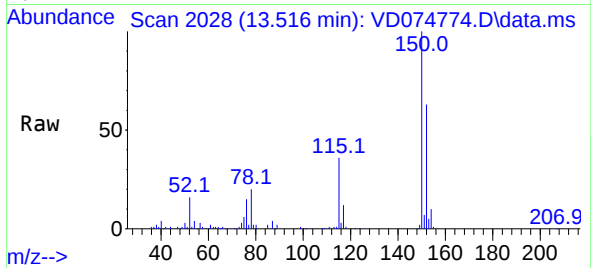
Tgt Ion: 117 Resp: 213368
Ion Ratio Lower Upper
117 100
82 47.9 41.6 62.4
119 32.8 25.2 37.8



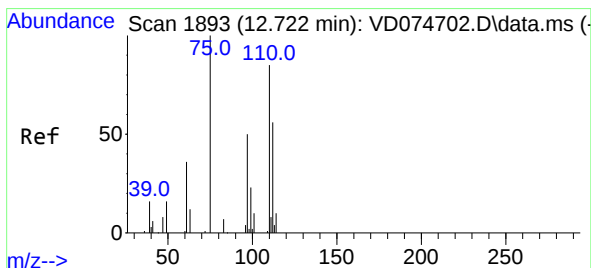
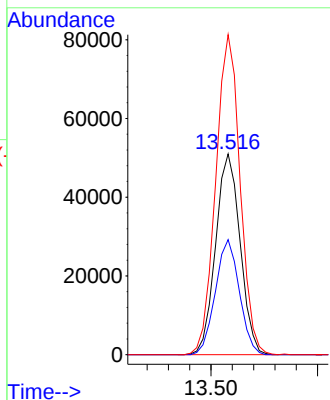
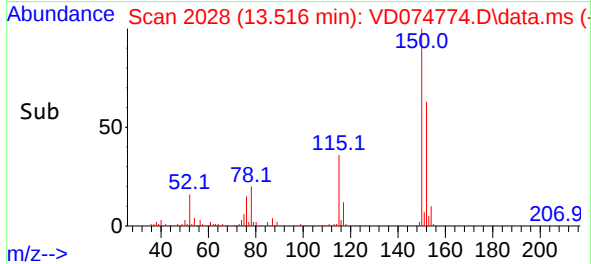


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD074774.D
Acq: 07 Nov 2022 22:09

Instrument :
MSVOA_D
ClientSampleId :
VD1107SBL02

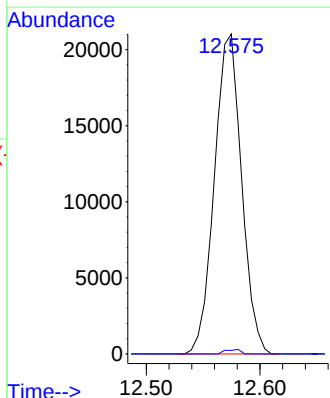
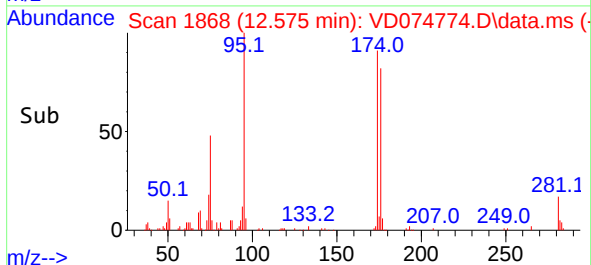
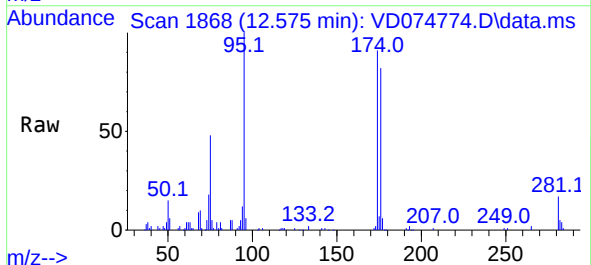


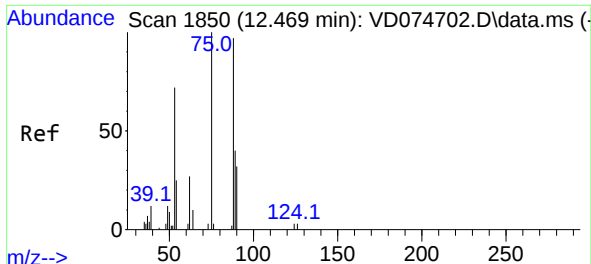
Tgt Ion:152 Resp: 81357
Ion Ratio Lower Upper
152 100
115 56.0 26.8 80.4
150 158.4 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 55.443 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074774.D
Acq: 07 Nov 2022 22:09

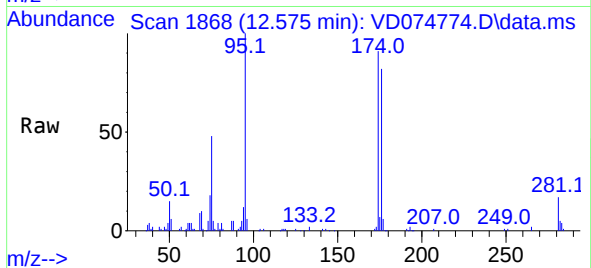
Tgt Ion: 75 Resp: 34967
Ion Ratio Lower Upper
75 100
77 0.8 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.608 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074774.D
 Acq: 07 Nov 2022 22:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1107SBL02



Tgt Ion:	75	Resp:	34967
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

