

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074805.D
 Acq On : 08 Nov 2022 15:35
 Operator : VA/SY
 Sample : N5415-11RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 08 16:31:17 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)

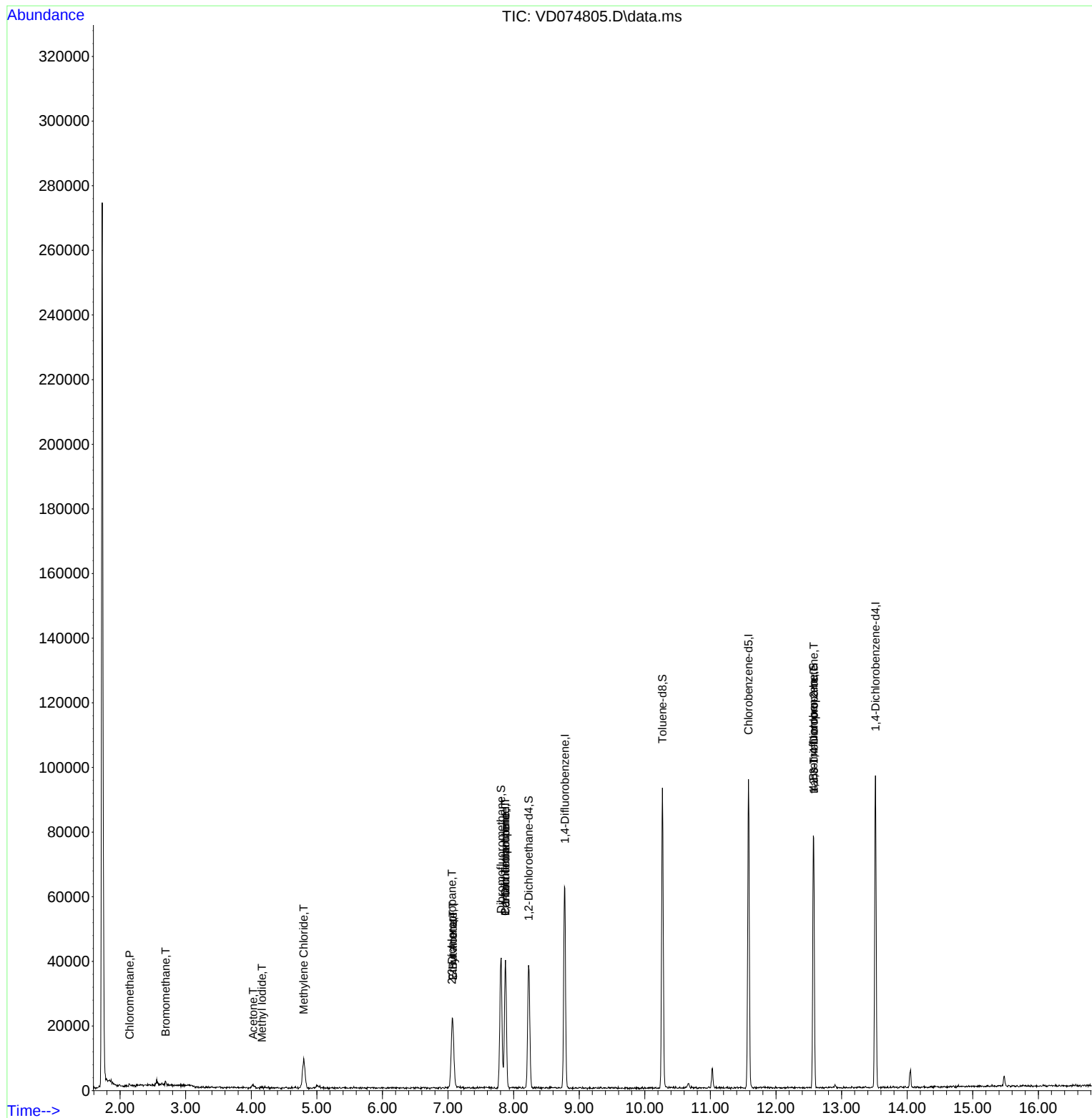
Internal Standards						
1) Pentafluorobenzene	7.875	168	32268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	60006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	60917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	28150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	31365	122.726	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 245.460%#	
35) Dibromofluoromethane	7.810	113	29310	82.573	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 165.140%#	
50) Toluene-d8	10.269	98	67731	52.310	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.620%	
62) 4-Bromofluorobenzene	12.569	95	23956	64.080	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 128.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	469	1.109	ug/l #	37
5) Bromomethane	2.693	94	730	2.077	ug/l #	58
10) Methyl Iodide	4.164	142	197	5.951	ug/l #	43
11) Tert butyl alcohol	5.046	59	274	Below Cal	#	84
16) Acetone	4.028	43	1960	36.750	ug/l	97
20) Methylene Chloride	4.799	84	7897	8.034	ug/l	94
25) 2-Butanone	7.075	43	933	12.723	ug/l #	42
26) 2,2-Dichloropropane	7.058	77	796	1.490	ug/l #	50
36) 1,1-Dichloropropene	7.875	75	2334	4.332	ug/l #	39
37) Ethyl Acetate	7.075	43	933	5.191	ug/l #	1
38) Carbon Tetrachloride	7.875	117	3304	6.473	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	11840	54.257	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	11840	128.793	ug/l #	17

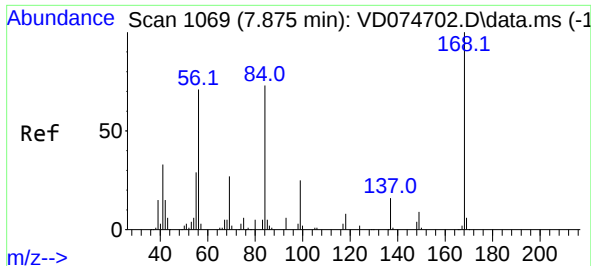
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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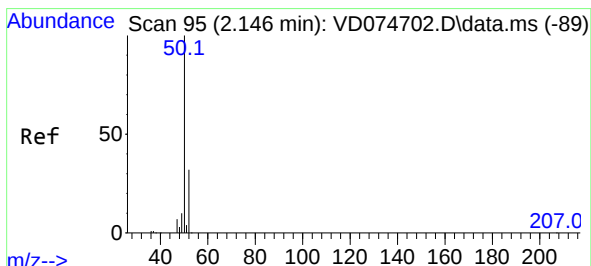
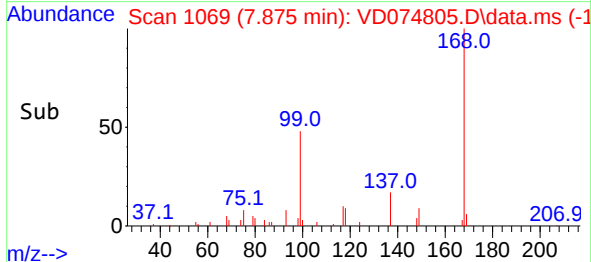
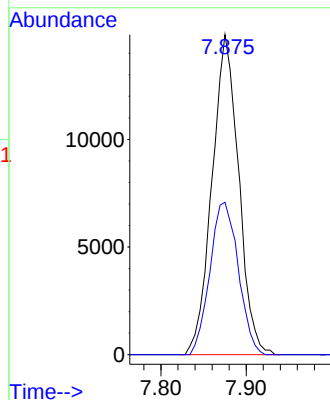
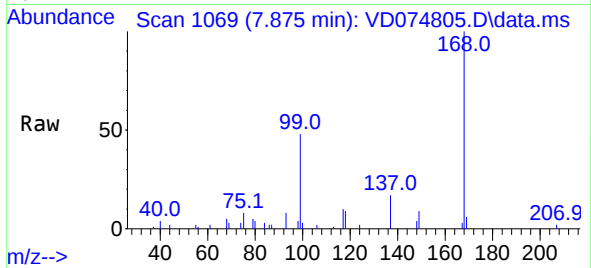




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074805.D
Acq: 08 Nov 2022 15:35

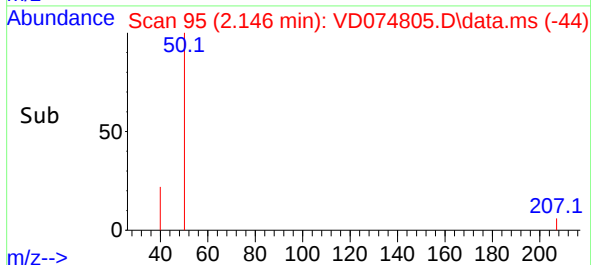
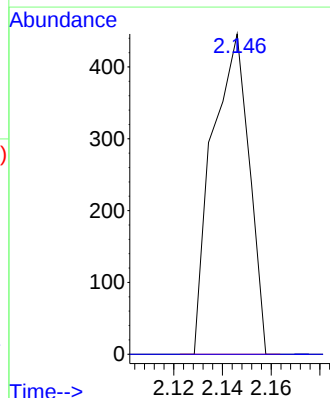
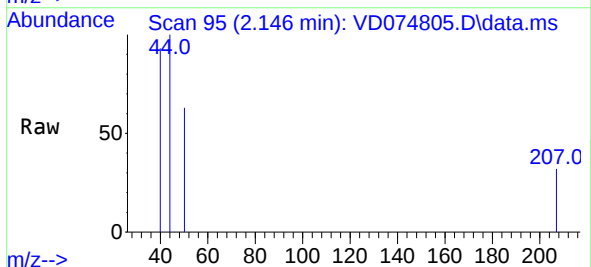
Instrument :
MSVOA_D
ClientSampleId :

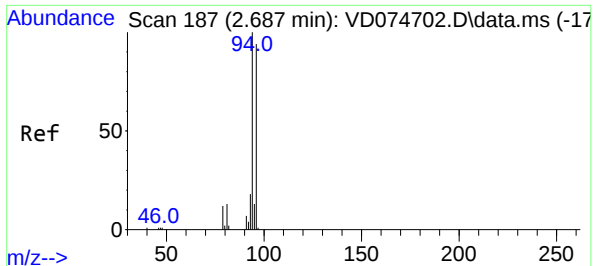
Tgt Ion:168 Resp: 32268
Ion Ratio Lower Upper
168 100
99 47.7 40.9 61.3



#3
Chloromethane
Concen: 1.109 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD074805.D
Acq: 08 Nov 2022 15:35

Tgt Ion: 50 Resp: 469
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

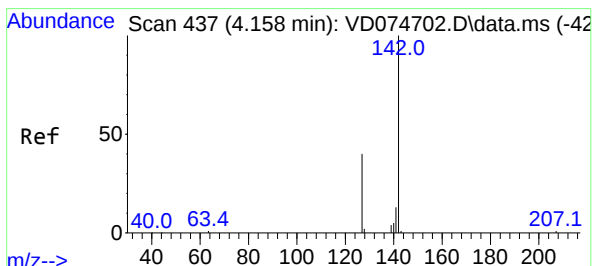
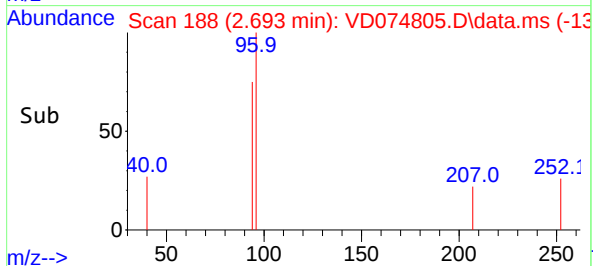
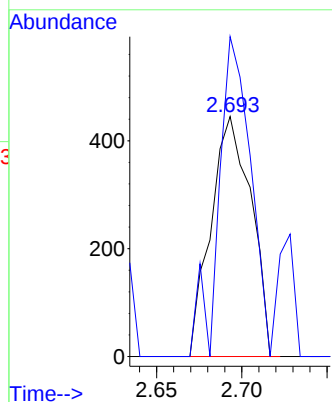
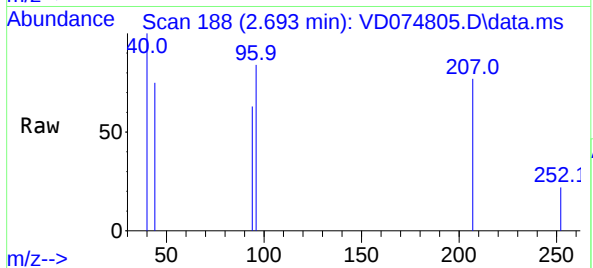




#5
Bromomethane
Concen: 2.077 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074805.D
Acq: 08 Nov 2022 15:35

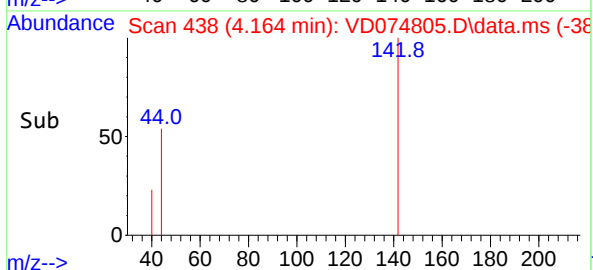
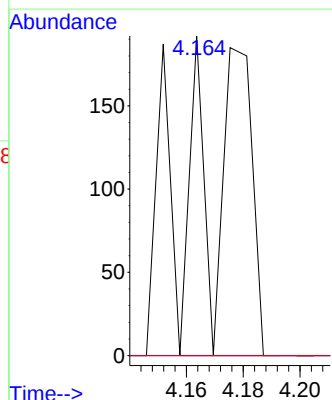
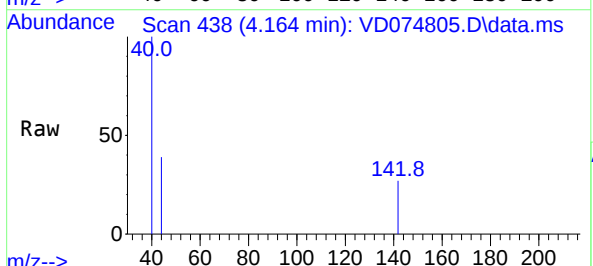
Instrument :
MSVOA_D
ClientSampleId :

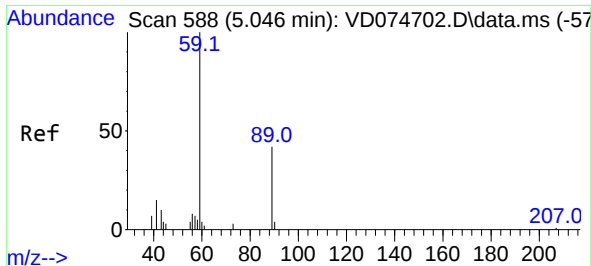
Tgt Ion: 94 Resp: 730
Ion Ratio Lower Upper
94 100
96 133.3 74.6 112.0#



#10
Methyl Iodide
Concen: 5.951 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074805.D
Acq: 08 Nov 2022 15:35

Tgt Ion: 142 Resp: 197
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: 5.046 min Scan# 51

Delta R.T. -0.000 min

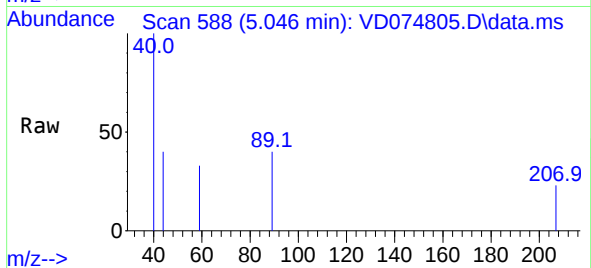
Lab File: VD074805.D

Acq: 08 Nov 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

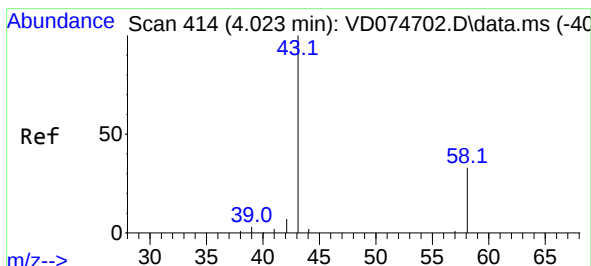
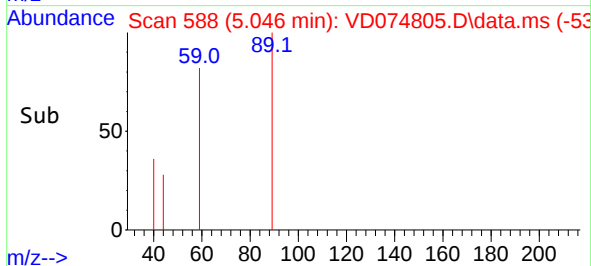
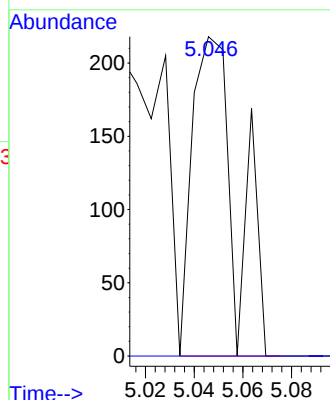


Tgt Ion: 59 Resp: 274

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 36.750 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.005 min

Lab File: VD074805.D

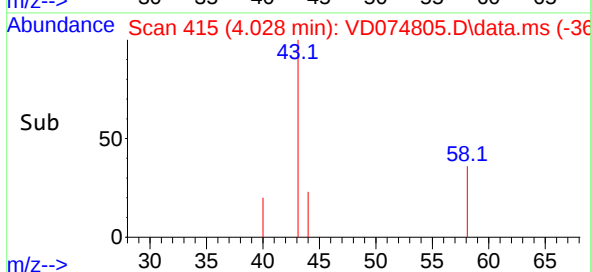
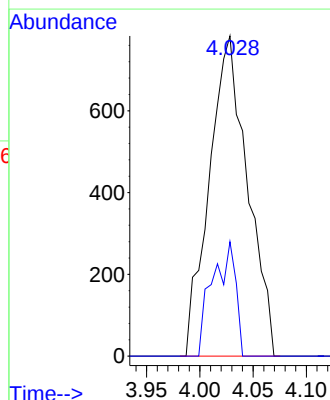
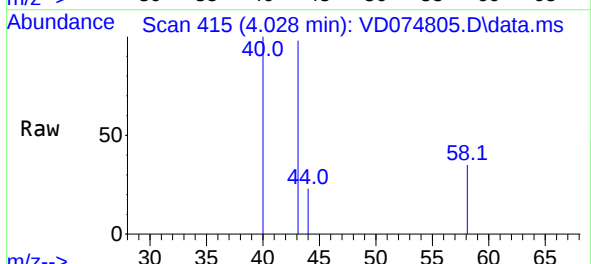
Acq: 08 Nov 2022 15:35

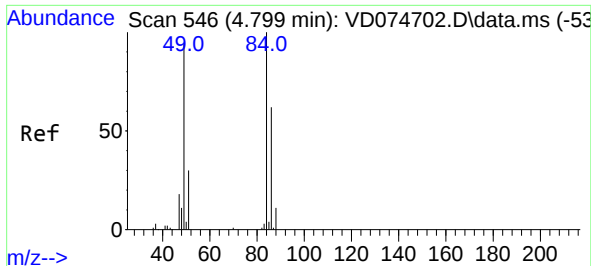
Tgt Ion: 43 Resp: 1960

Ion Ratio Lower Upper

43 100

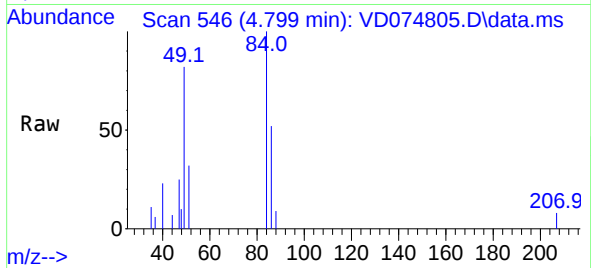
58 35.8 30.2 45.2





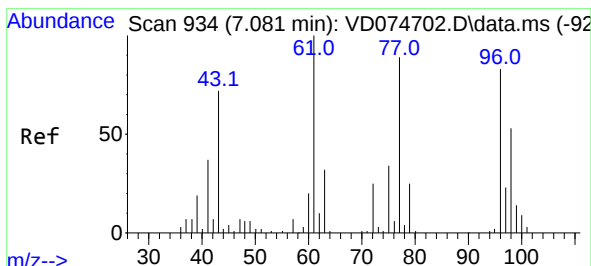
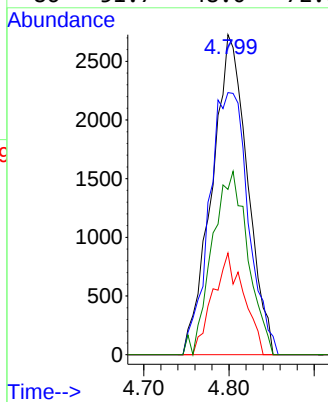
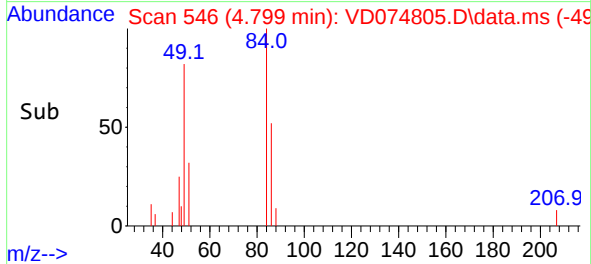
#20
Methylene Chloride
Concen: 8.034 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074805.D
Acq: 08 Nov 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 7897

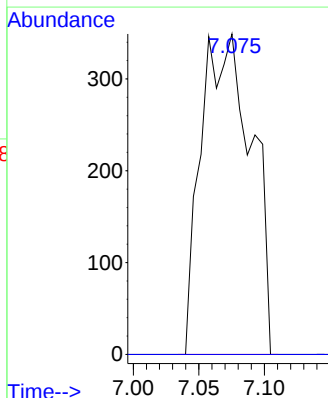
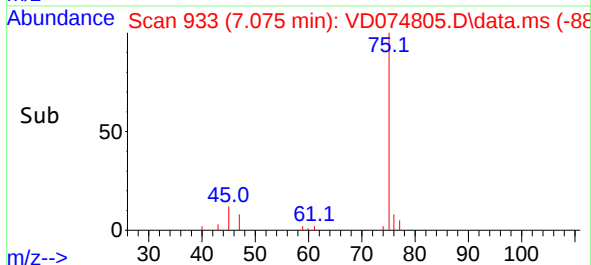
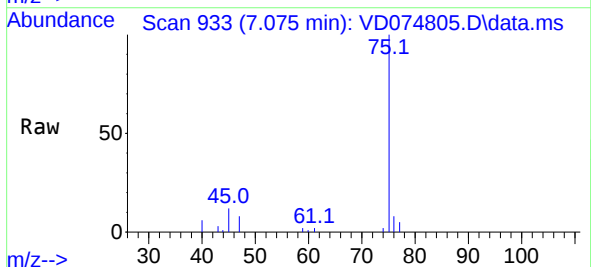
Ion	Ratio	Lower	Upper
84	100		
49	81.9	68.0	102.0
51	31.8	23.2	34.8
86	51.7	48.0	72.0

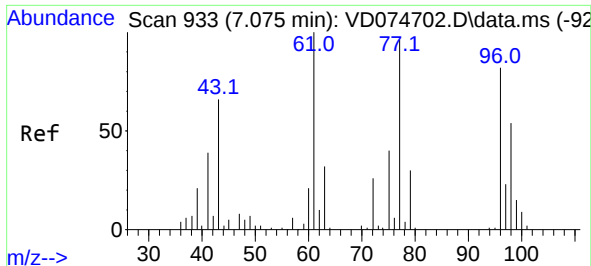


#25
2-Butanone
Concen: 12.723 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD074805.D
Acq: 08 Nov 2022 15:35

Tgt Ion: 43 Resp: 933

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#

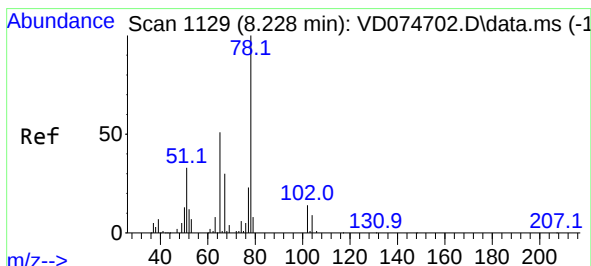
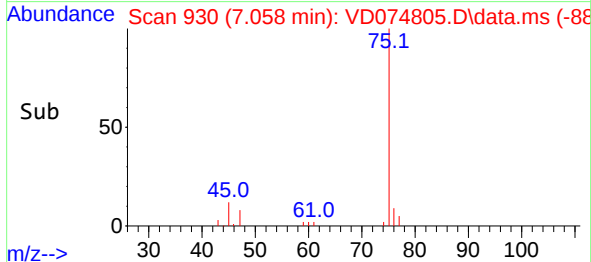
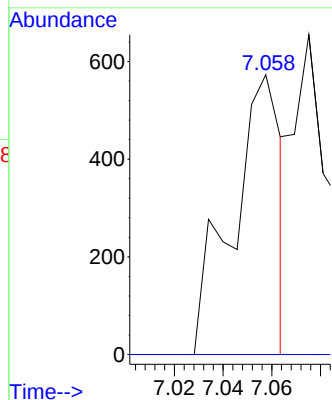
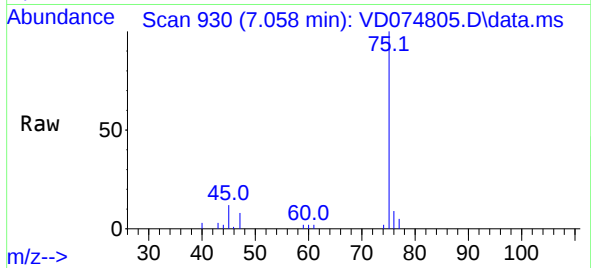




#26
2,2-Dichloropropane
Concen: 1.490 ug/l
RT: 7.058 min Scan# 91
Delta R.T. -0.017 min
Lab File: VD074805.D
Acq: 08 Nov 2022 15:35

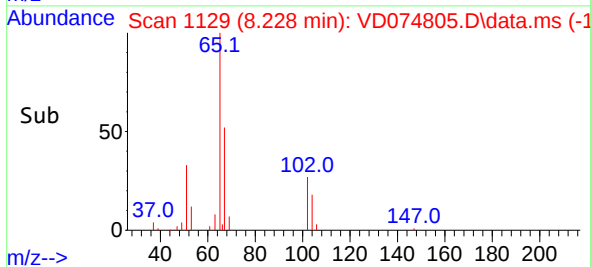
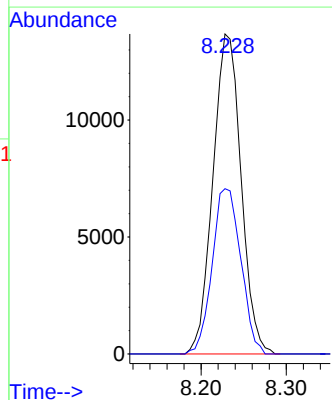
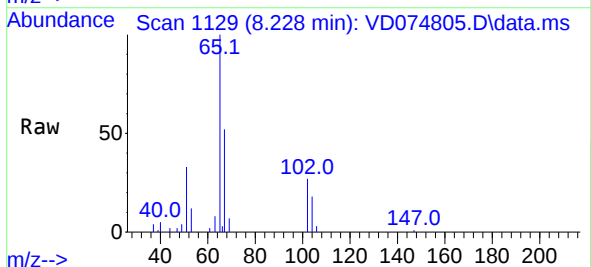
Instrument :
MSVOA_D
ClientSampleId :

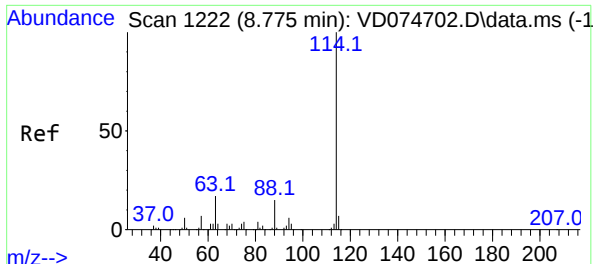
Tgt Ion: 77 Resp: 796
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#



#33
1,2-Dichloroethane-d4
Concen: 122.726 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074805.D
Acq: 08 Nov 2022 15:35

Tgt Ion: 65 Resp: 31365
Ion Ratio Lower Upper
65 100
67 52.6 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: VD074805.D

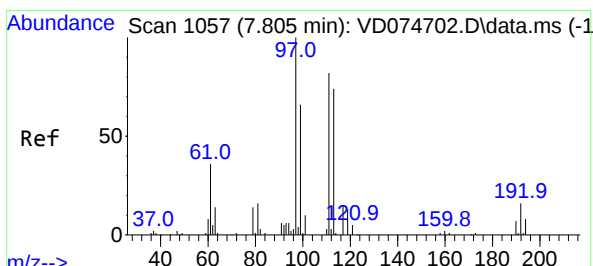
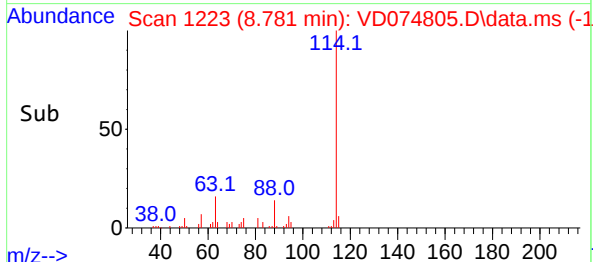
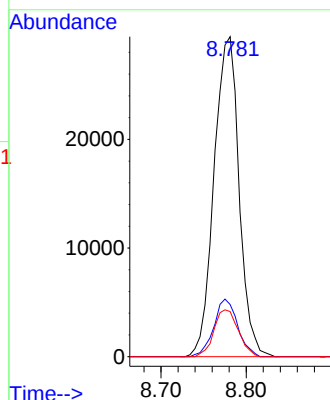
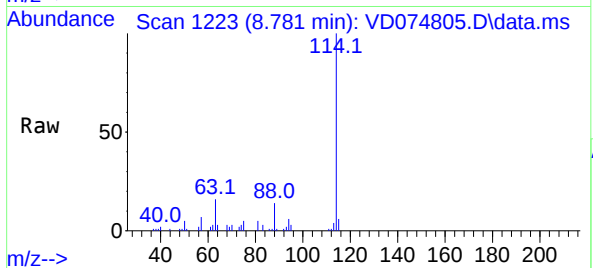
Acq: 08 Nov 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	114	Resp:	60006
Ion	Ratio	Lower	Upper
114	100		
63	16.3	0.0	33.2
88	14.1	0.0	28.2



#35

Dibromofluoromethane

Concen: 82.573 ug/l

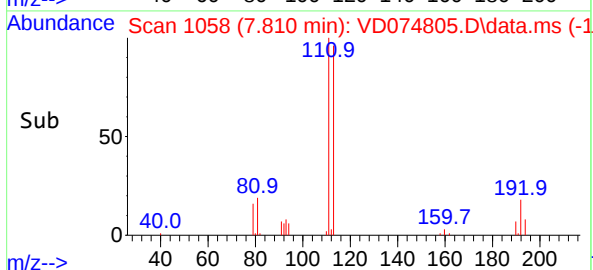
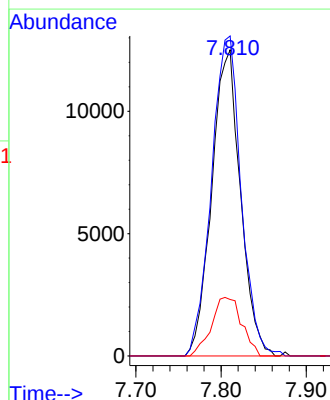
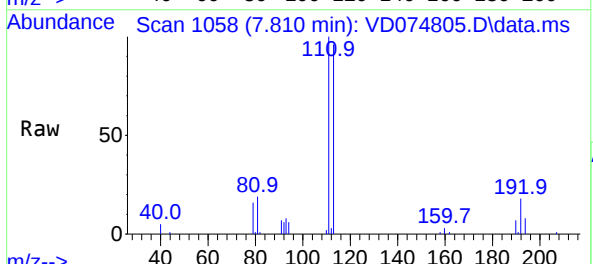
RT: 7.810 min Scan# 1058

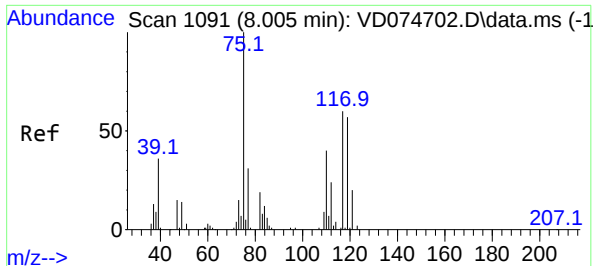
Delta R.T. 0.005 min

Lab File: VD074805.D

Acq: 08 Nov 2022 15:35

Tgt Ion:	113	Resp:	29310
Ion	Ratio	Lower	Upper
113	100		
111	107.8	82.3	123.5
192	20.2	16.4	24.6

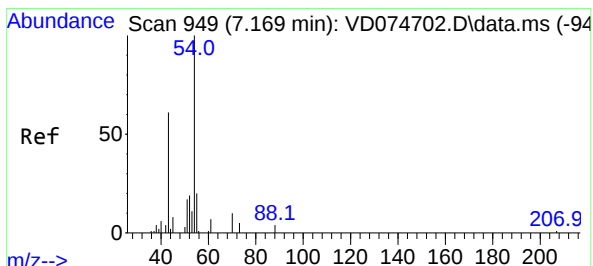
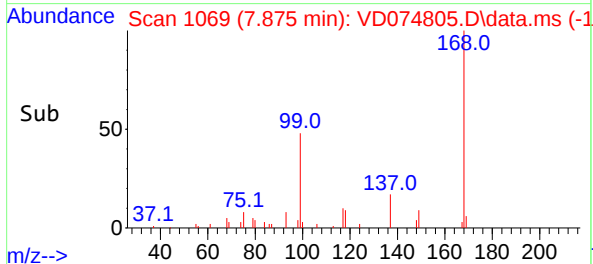
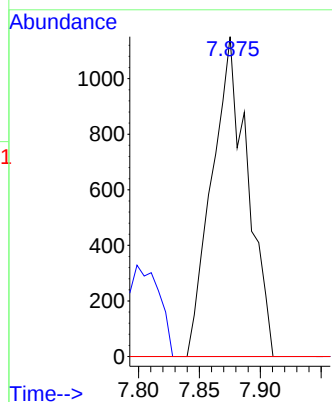
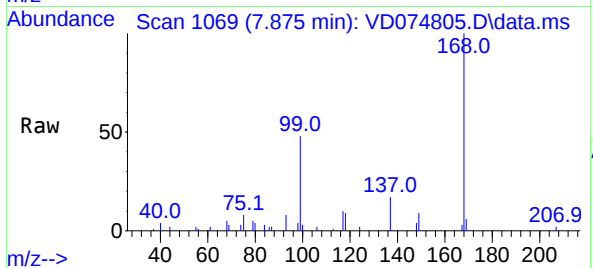




#36
1,1-Dichloropropene
Concen: 4.332 ug/l
RT: 7.875 min Scan# 1091
Delta R.T. -0.130 min
Lab File: VD074805.D
Acq: 08 Nov 2022 15:35

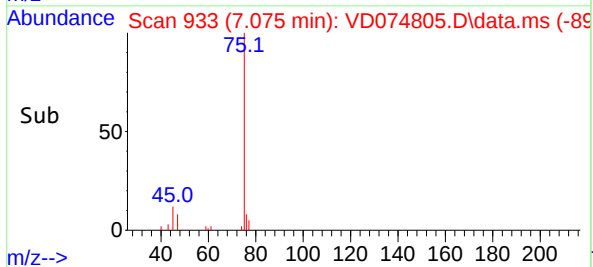
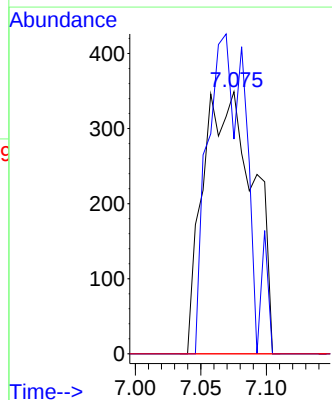
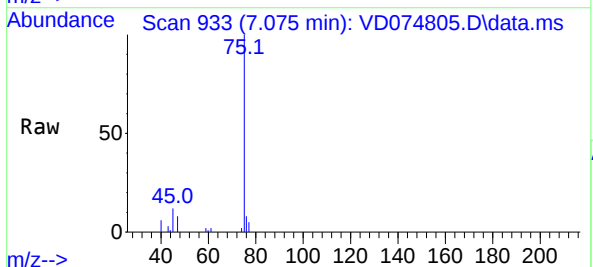
Instrument :
MSVOA_D
ClientSampleId :

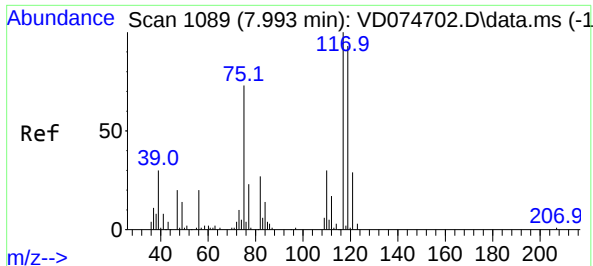
Tgt Ion: 75 Resp: 2334
Ion Ratio Lower Upper
75 100
110 0.0 19.7 59.0#
77 0.0 25.4 38.2#



#37
Ethyl Acetate
Concen: 5.191 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.094 min
Lab File: VD074805.D
Acq: 08 Nov 2022 15:35

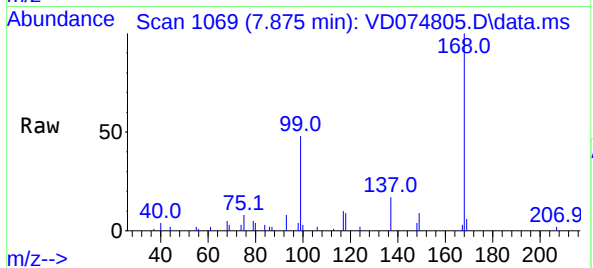
Tgt Ion: 43 Resp: 933
Ion Ratio Lower Upper
43 100
61 94.9 12.2 18.4#
70 0.0 9.6 14.4#



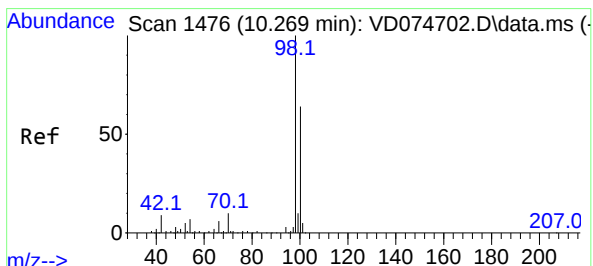
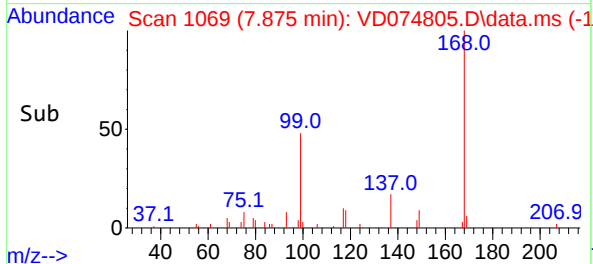
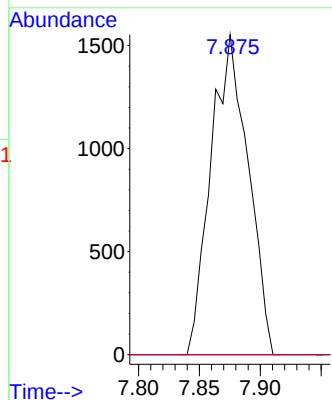


#38
Carbon Tetrachloride
Concen: 6.473 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD074805.D
Acq: 08 Nov 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :

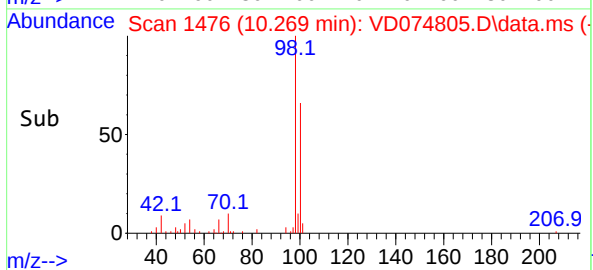
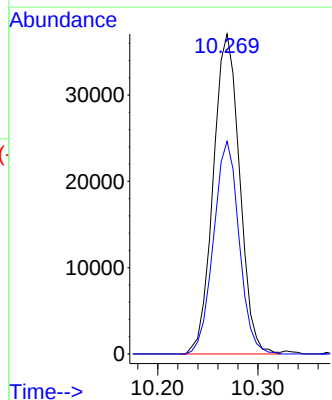
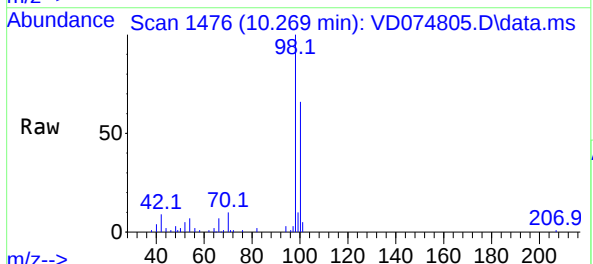


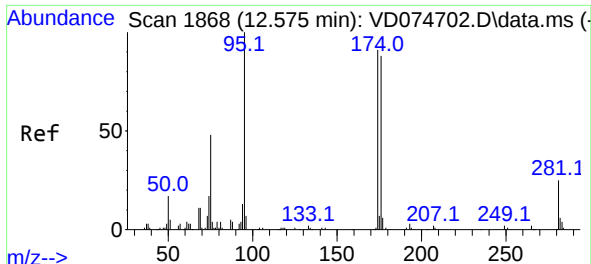
Tgt Ion:117 Resp: 3304
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 52.310 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074805.D
Acq: 08 Nov 2022 15:35

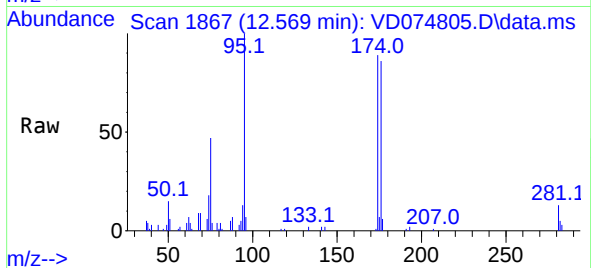
Tgt Ion: 98 Resp: 67731
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



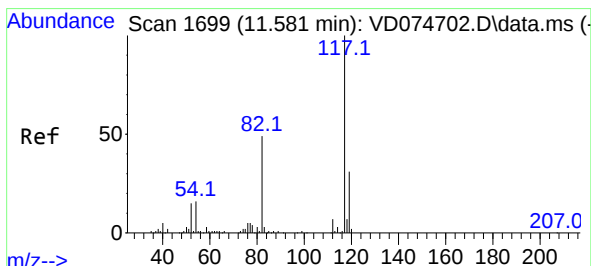
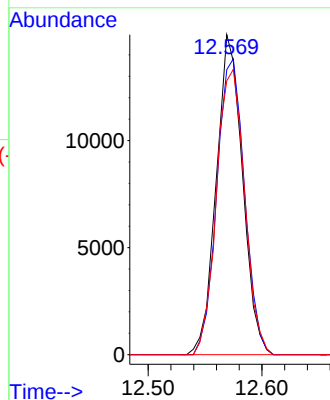
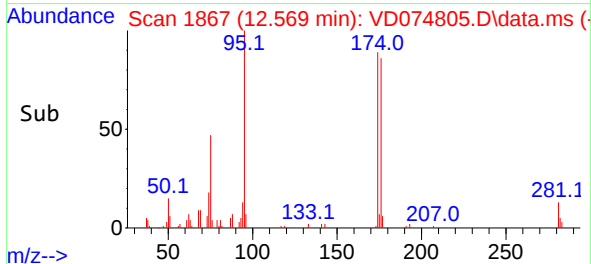


#62
4-Bromofluorobenzene
Concen: 64.080 ug/l
RT: 12.569 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074805.D
Acq: 08 Nov 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :

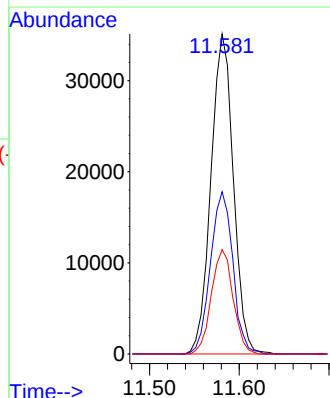
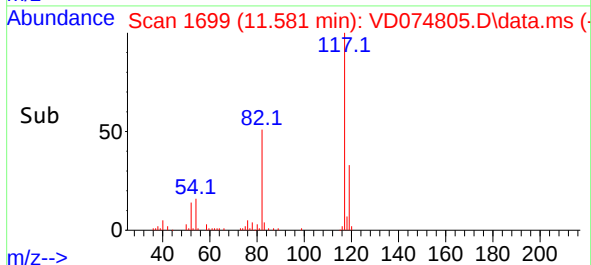
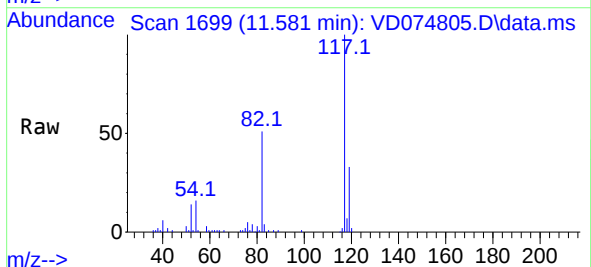


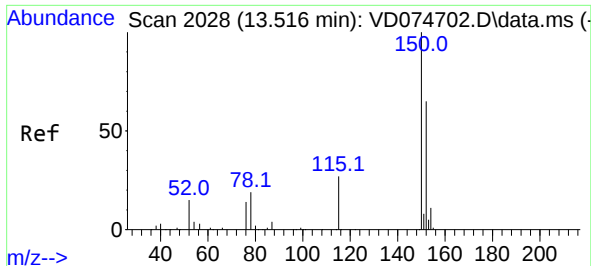
Tgt Ion: 95 Resp: 23956
Ion Ratio Lower Upper
95 100
174 97.4 0.0 197.0
176 95.5 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074805.D
Acq: 08 Nov 2022 15:35

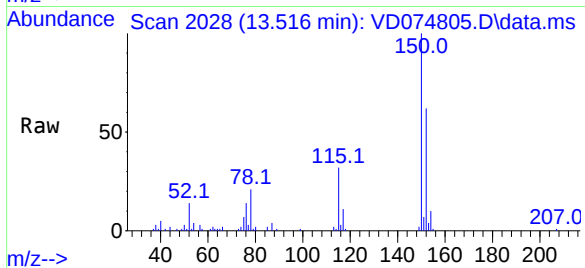
Tgt Ion: 117 Resp: 60917
Ion Ratio Lower Upper
117 100
82 50.7 41.6 62.4
119 32.6 25.2 37.8



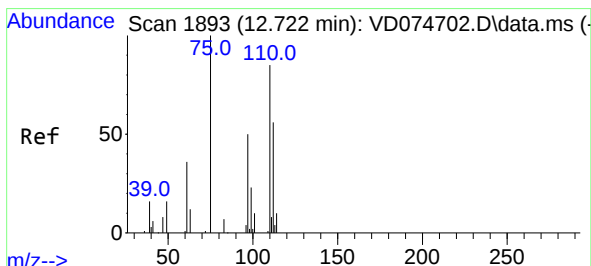
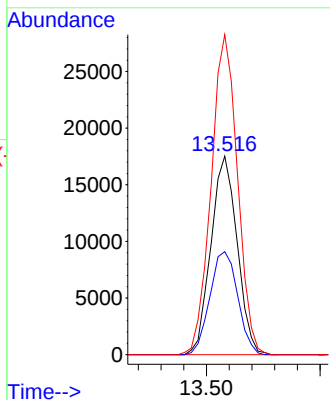
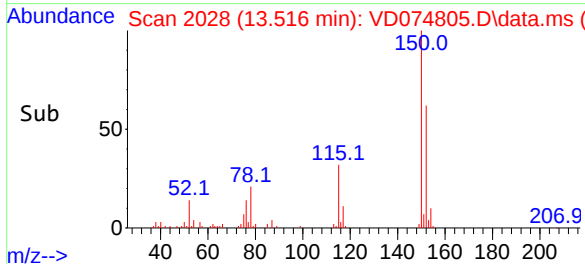


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074805.D
Acq: 08 Nov 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :

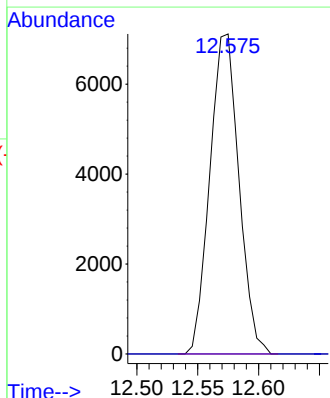
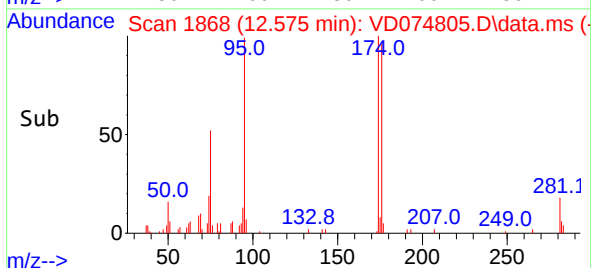
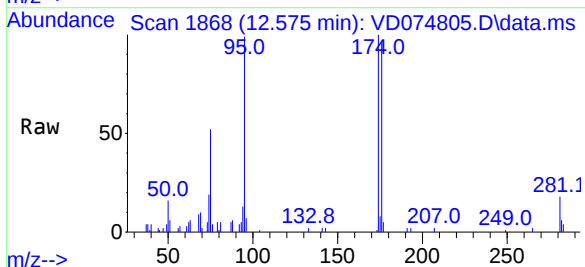


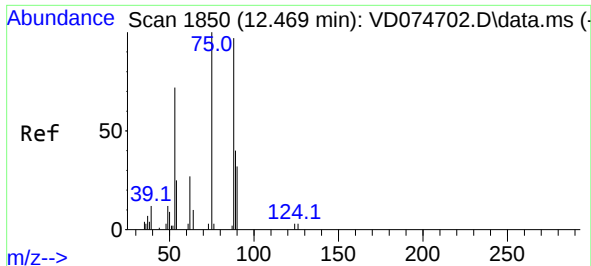
Tgt Ion:152 Resp: 28150
Ion Ratio Lower Upper
152 100
115 55.0 26.8 80.4
150 161.8 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 54.257 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074805.D
Acq: 08 Nov 2022 15:35

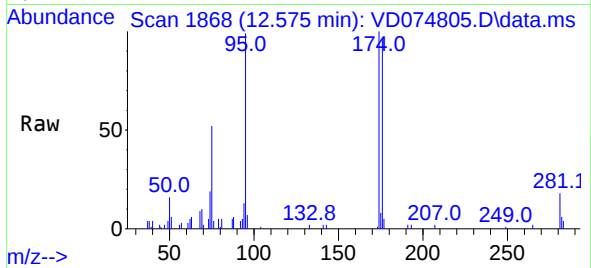
Tgt Ion: 75 Resp: 11840
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.793 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074805.D
 Acq: 08 Nov 2022 15:35

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	11840
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

