

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074206.D
 Acq On : 24 Aug 2022 02:58
 Operator : VA/SY
 Sample : N4274-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-1

Quant Time: Aug 24 06:26:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

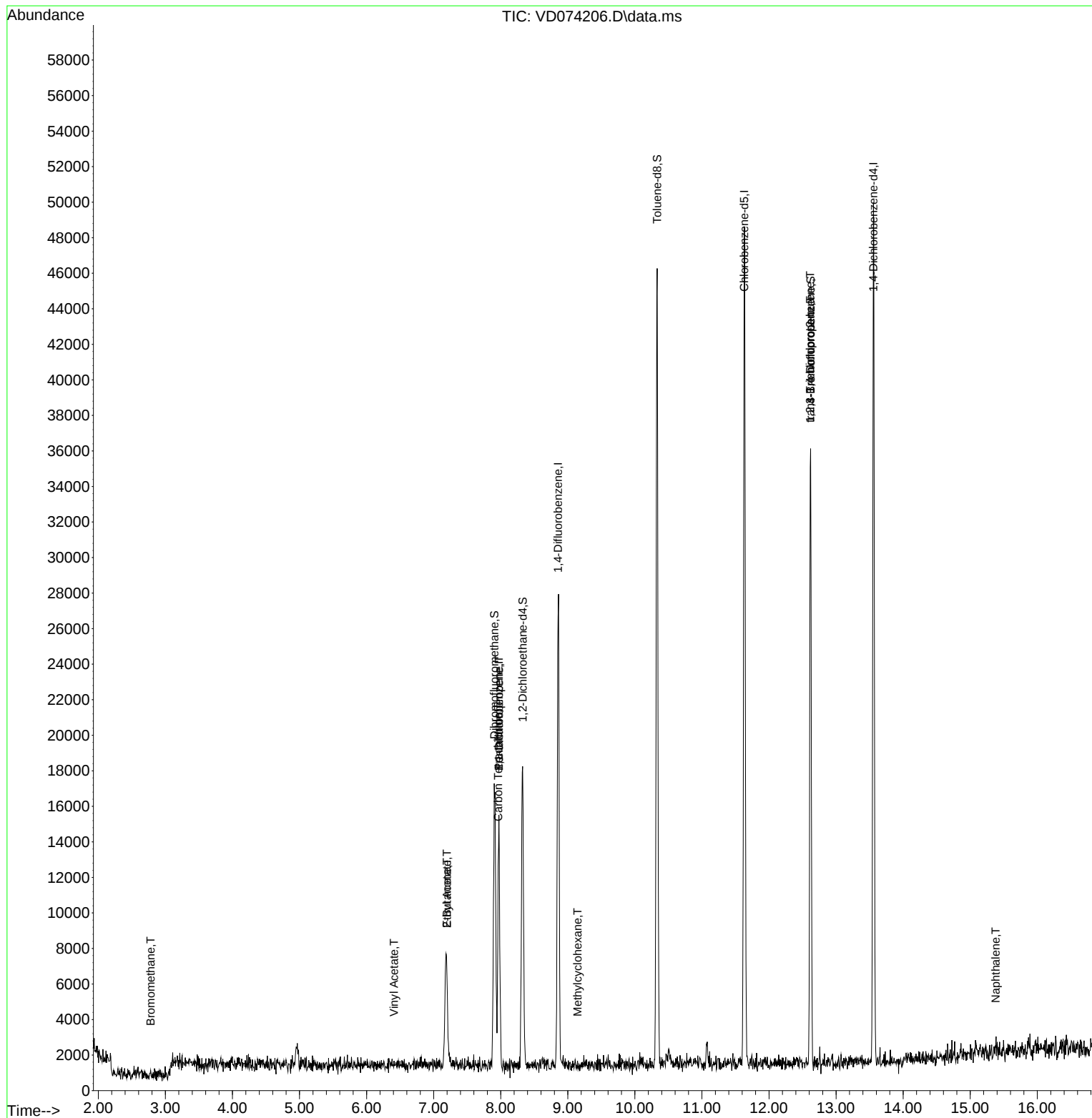
Internal Standards						
1) Pentafluorobenzene	7.973	168	10233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	22198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	28848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	13946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	13394	128.092	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 256.180%#	
35) Dibromofluoromethane	7.903	113	11565	77.890	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 155.780%#	
50) Toluene-d8	10.332	98	30570	63.972	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 127.940%	
62) 4-Bromofluorobenzene	12.620	95	11919	63.136	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 126.280%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	80	1.929	ug/l #	1
20) Methylene Chloride	4.956	84	593	Below Cal	#	59
23) Vinyl Acetate	6.409	43	56	10.367	ug/l #	75
25) 2-Butanone	7.197	43	288	9.338	ug/l #	52
36) 1,1-Dichloropropene	7.973	75	497	2.215	ug/l #	43
37) Ethyl Acetate	7.197	43	288	3.255	ug/l #	39
38) Carbon Tetrachloride	7.961	117	971	4.028	ug/l #	13
39) Methylcyclohexane	9.144	83	57	2.407	ug/l #	17
76) 1,2,3-Trichloropropane	12.614	75	6036	44.326	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.614	75	6036	113.991	ug/l #	7
95) Naphthalene	15.379	128	140	3.678	ug/l #	70

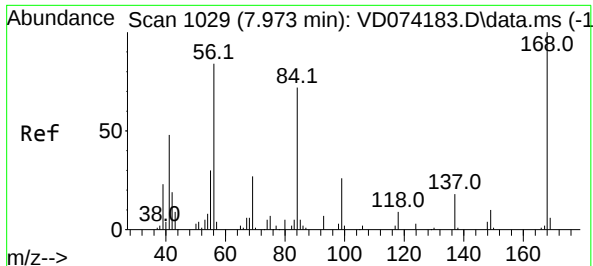
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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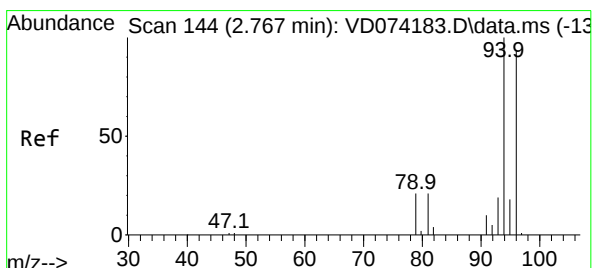
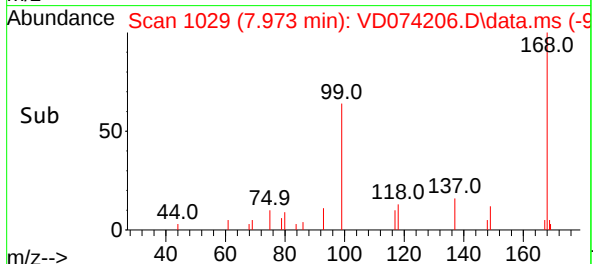
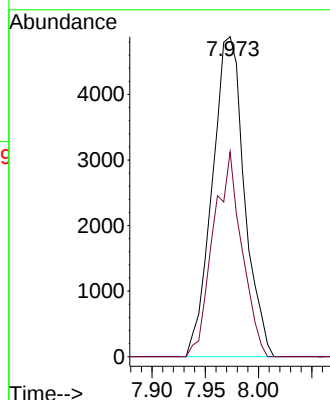
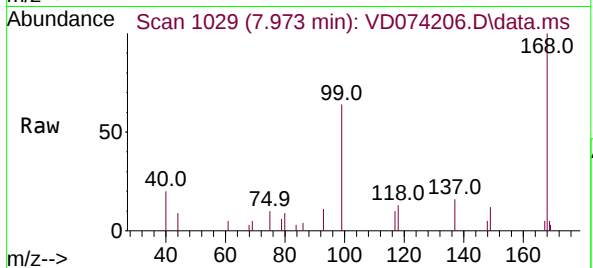




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074206.D
Acq: 24 Aug 2022 02:58

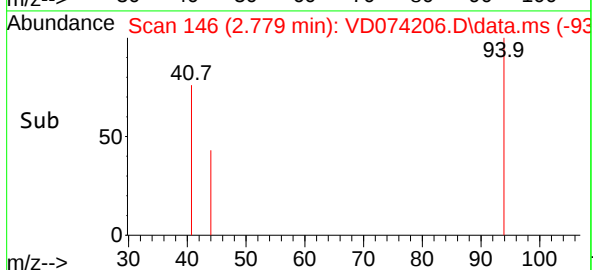
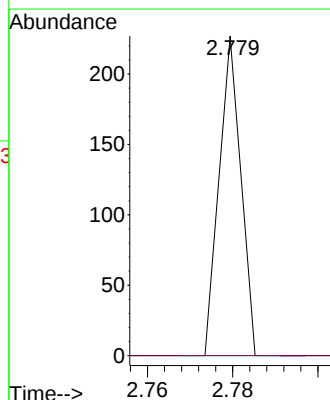
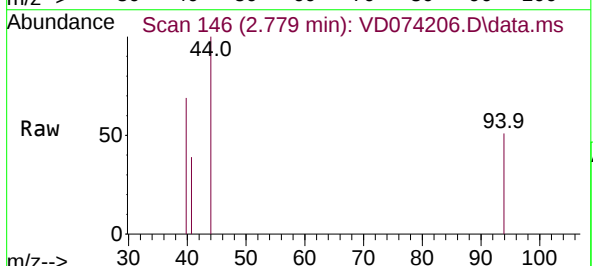
Instrument :
MSVOA_D
ClientSampleId :
CL-1

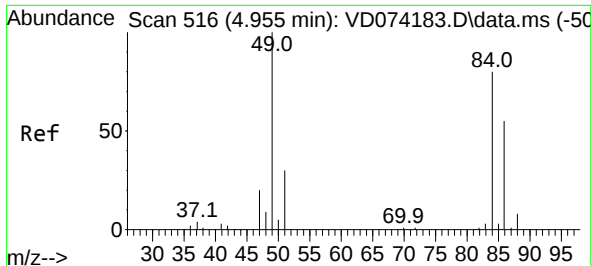
Tgt Ion:168 Resp: 10233
Ion Ratio Lower Upper
168 100
99 64.1 49.8 74.6



#5
Bromomethane
Concen: 1.929 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD074206.D
Acq: 24 Aug 2022 02:58

Tgt Ion: 94 Resp: 80
Ion Ratio Lower Upper
94 100
96 0.0 77.6 116.4#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.956 min Scan# 516

Delta R.T. 0.001 min

Lab File: VD074206.D

Acq: 24 Aug 2022 02:58

Instrument :

MSVOA_D

ClientSampleId :

CL-1

Tgt Ion: 84 Resp: 593

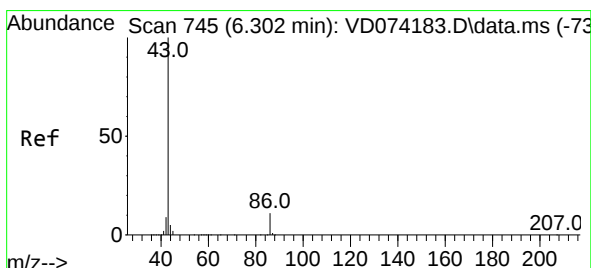
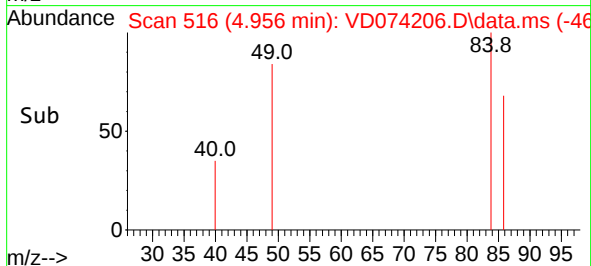
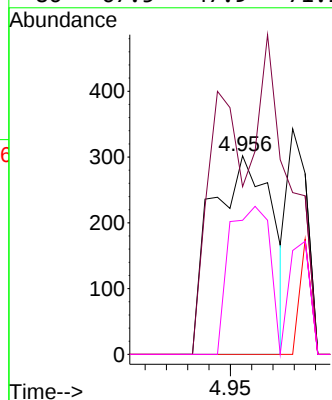
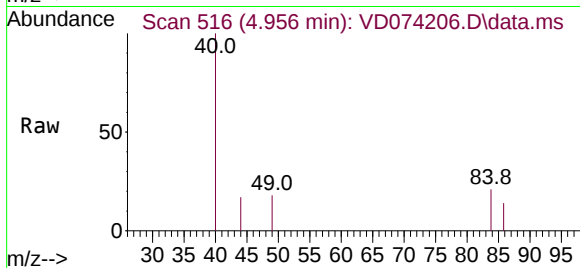
Ion Ratio Lower Upper

84 100

49 84.4 112.8 169.2#

51 0.0 32.6 48.8#

86 67.5 47.9 71.9



#23

Vinyl Acetate

Concen: 10.367 ug/l

RT: 6.409 min Scan# 763

Delta R.T. 0.107 min

Lab File: VD074206.D

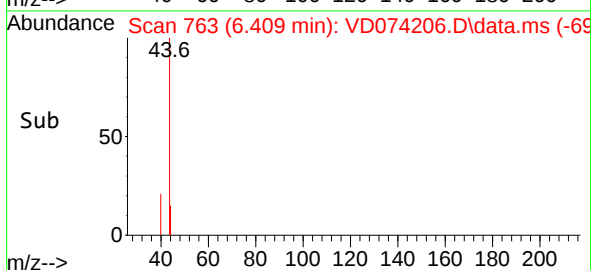
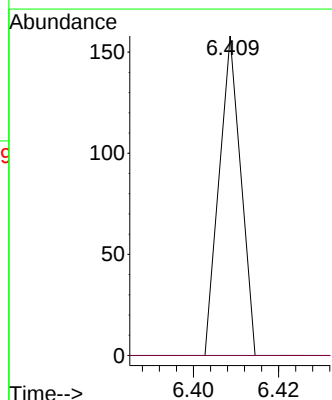
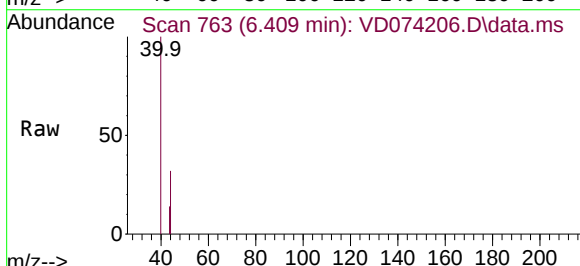
Acq: 24 Aug 2022 02:58

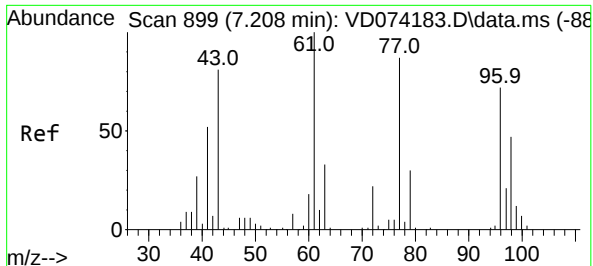
Tgt Ion: 43 Resp: 56

Ion Ratio Lower Upper

43 100

86 0.0 7.1 10.7#





#25

2-Butanone

Concen: 9.338 ug/l

RT: 7.197 min Scan# 89

Delta R.T. -0.011 min

Lab File: VD074206.D

Acq: 24 Aug 2022 02:58

Instrument :

MSVOA_D

ClientSampleId :

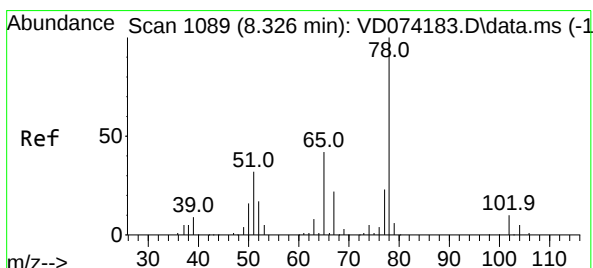
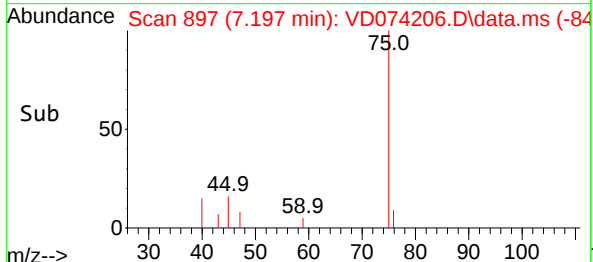
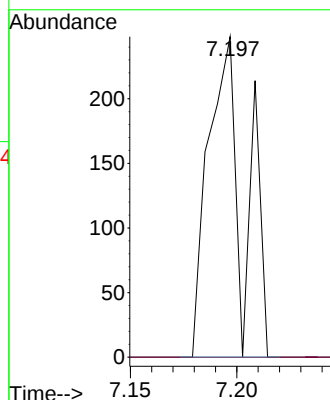
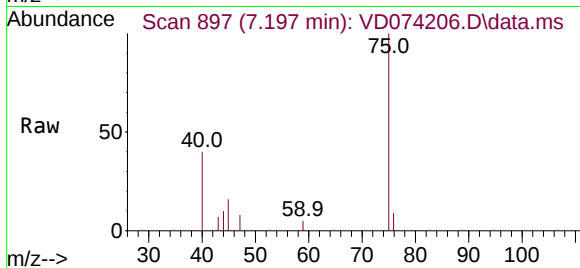
CL-1

Tgt Ion: 43 Resp: 288

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#



#33

1,2-Dichloroethane-d4

Concen: 128.092 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD074206.D

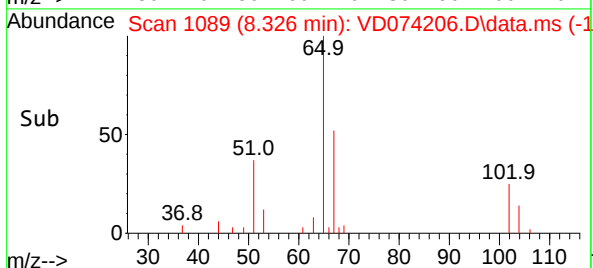
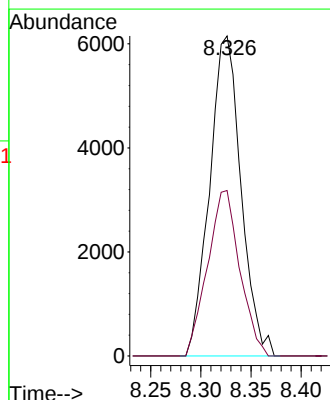
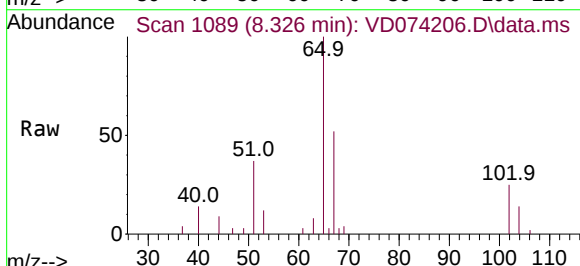
Acq: 24 Aug 2022 02:58

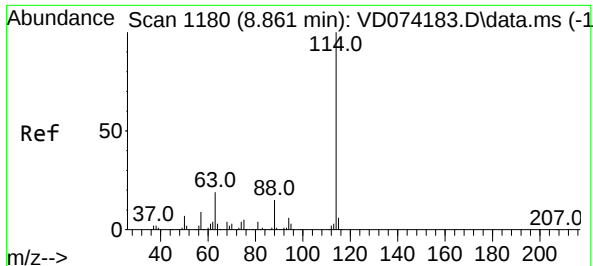
Tgt Ion: 65 Resp: 13394

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD074206.D

Acq: 24 Aug 2022 02:58

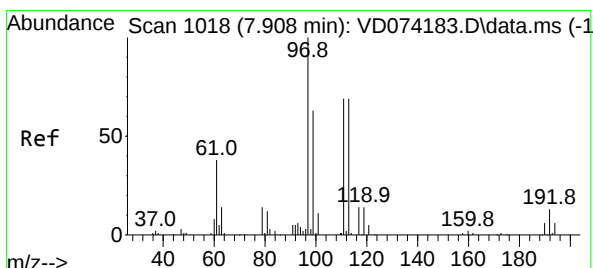
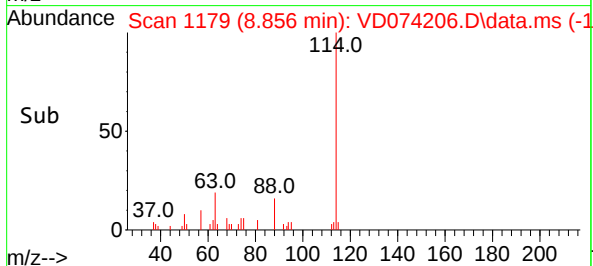
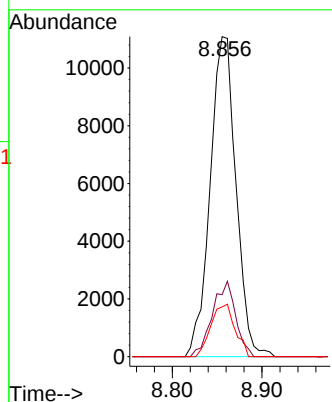
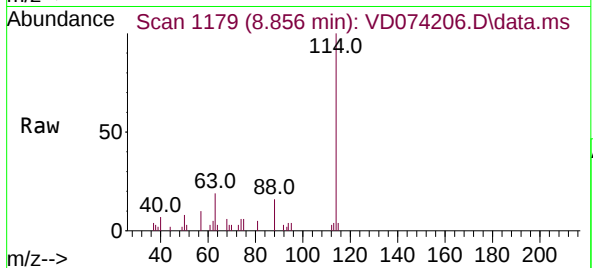
Instrument :

MSVOA_D

ClientSampleId :

CL-1

Tgt Ion:114	Resp:	22198
Ion Ratio	Lower	Upper
114	100	
63	19.4	0.0 46.6
88	15.5	0.0 33.2



#35

Dibromofluoromethane

Concen: 77.890 ug/l

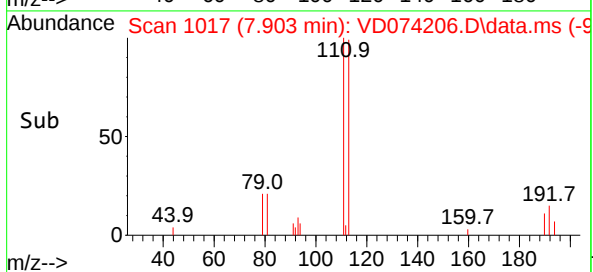
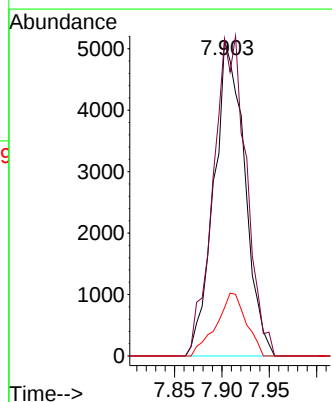
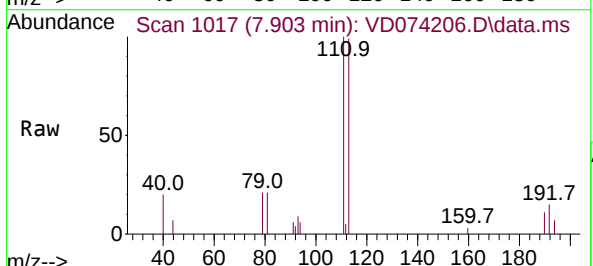
RT: 7.903 min Scan# 1017

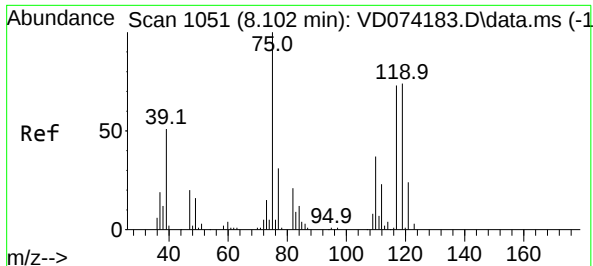
Delta R.T. -0.005 min

Lab File: VD074206.D

Acq: 24 Aug 2022 02:58

Tgt Ion:113	Resp:	11565
Ion Ratio	Lower	Upper
113	100	
111	109.1	83.8 125.6
192	19.4	14.6 21.8





#36

1,1-Dichloropropene

Concen: 2.215 ug/l

RT: 7.973 min Scan# 1051

Delta R.T. -0.129 min

Lab File: VD074206.D

Acq: 24 Aug 2022 02:58

Instrument :

MSVOA_D

ClientSampleId :

CL-1

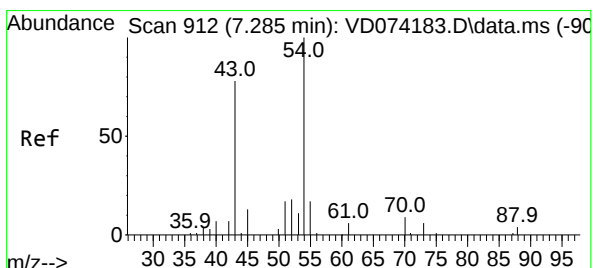
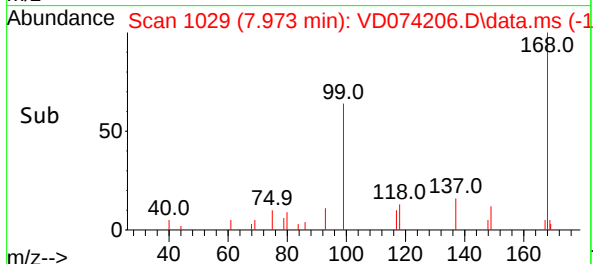
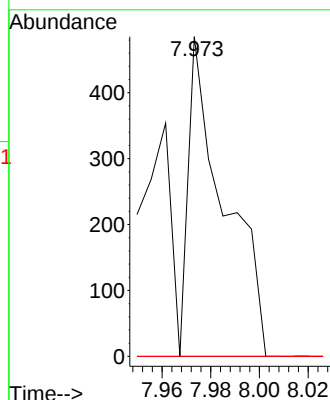
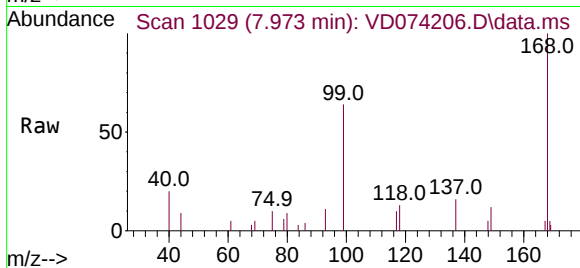
Tgt Ion: 75 Resp: 497

Ion Ratio Lower Upper

75 100

110 0.0 16.4 49.1#

77 0.0 24.2 36.2#



#37

Ethyl Acetate

Concen: 3.255 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.088 min

Lab File: VD074206.D

Acq: 24 Aug 2022 02:58

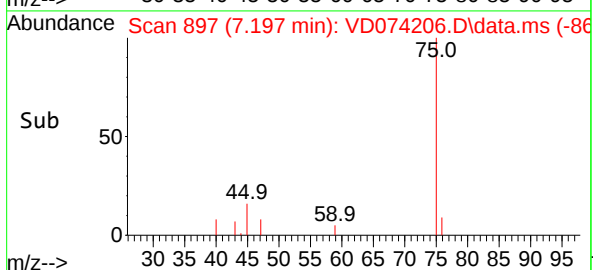
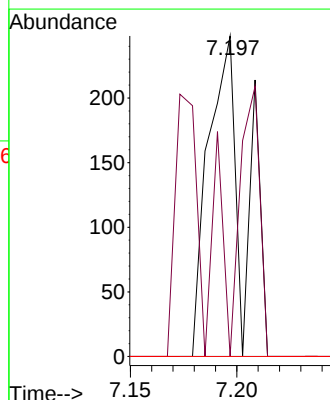
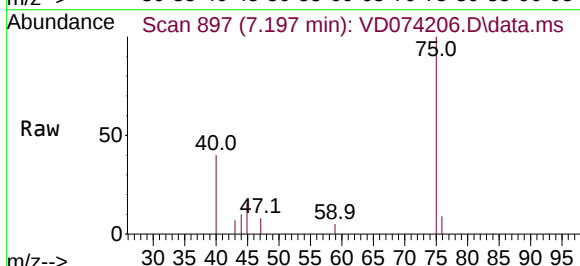
Tgt Ion: 43 Resp: 288

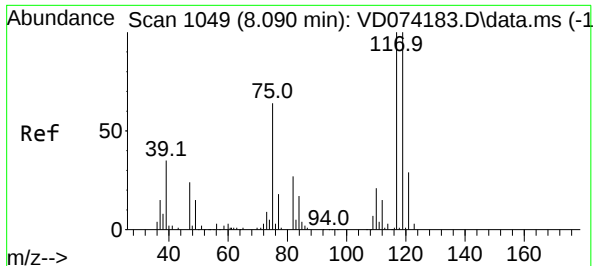
Ion Ratio Lower Upper

43 100

61 46.2 9.8 14.8#

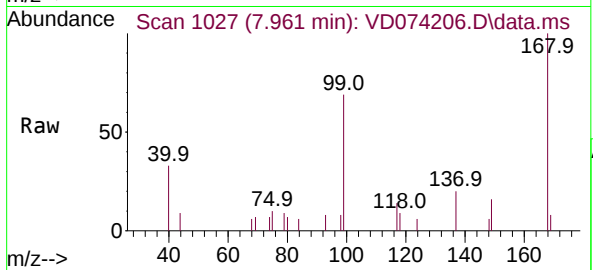
70 0.0 6.9 10.3#



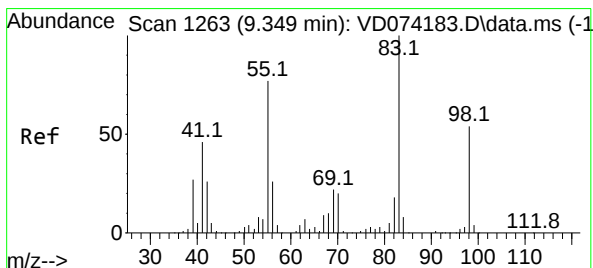
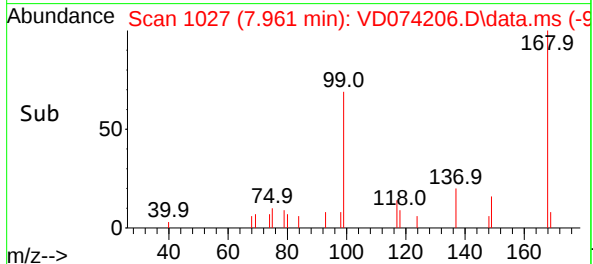
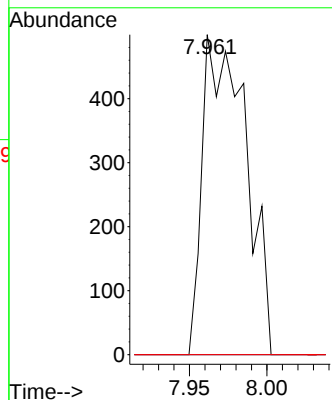


#38
Carbon Tetrachloride
Concen: 4.028 ug/l
RT: 7.961 min Scan# 11
Delta R.T. -0.129 min
Lab File: VD074206.D
Acq: 24 Aug 2022 02:58

Instrument :
MSVOA_D
ClientSampleId :
CL-1

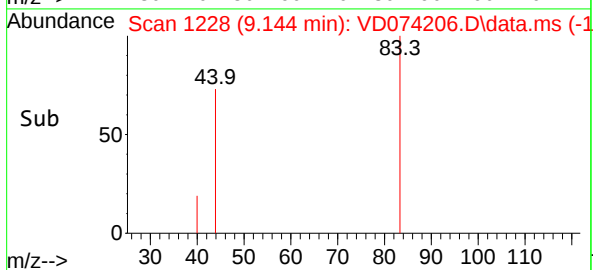
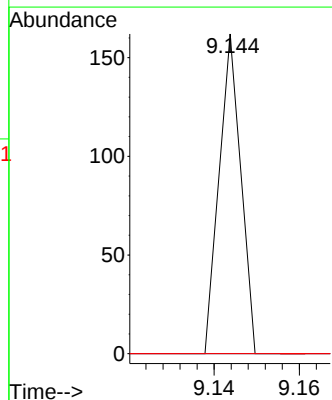
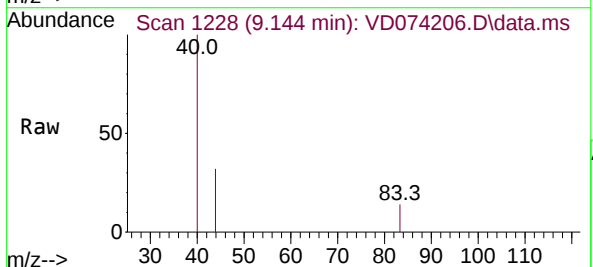


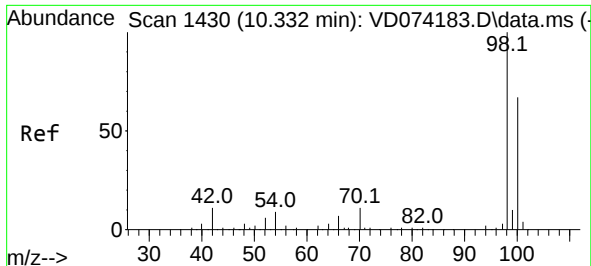
Tgt Ion:117 Resp: 971
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 2.407 ug/l
RT: 9.144 min Scan# 1228
Delta R.T. -0.205 min
Lab File: VD074206.D
Acq: 24 Aug 2022 02:58

Tgt Ion: 83 Resp: 57
Ion Ratio Lower Upper
83 100
55 0.0 63.2 94.8#
98 0.0 38.2 57.4#

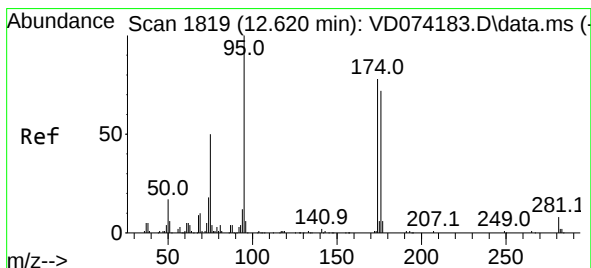
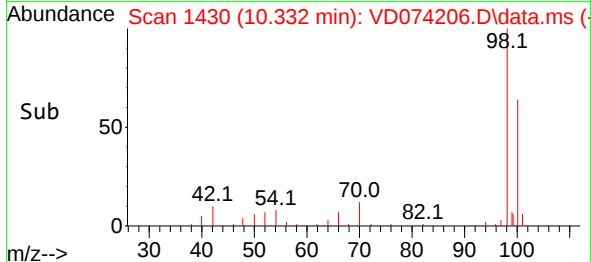
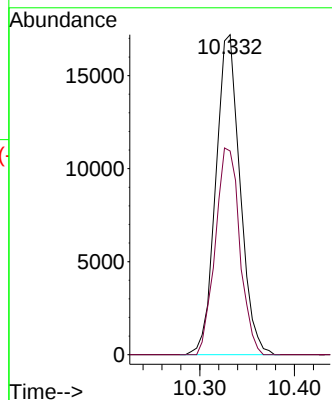
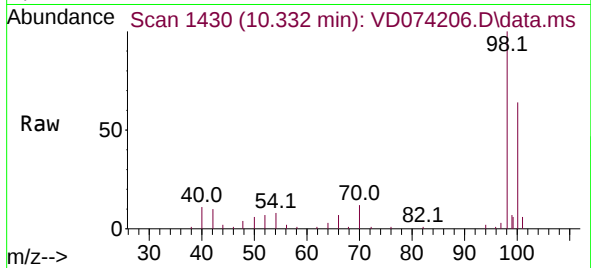




#50
Toluene-d8
Concen: 63.972 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074206.D
Acq: 24 Aug 2022 02:58

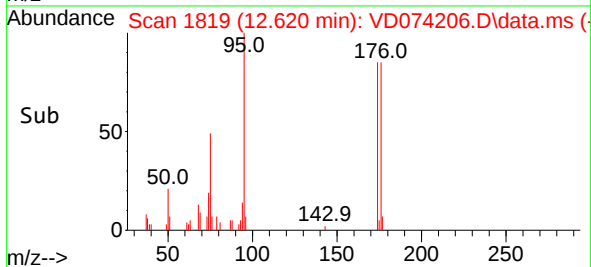
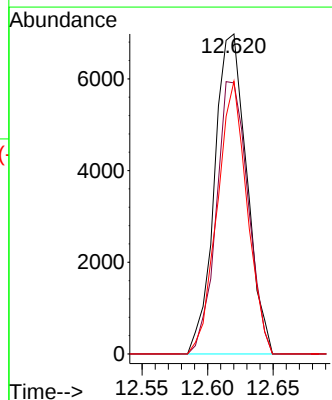
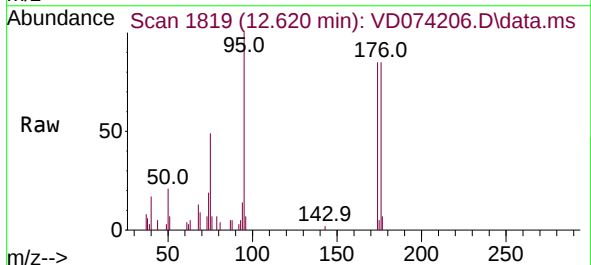
Instrument :
MSVOA_D
ClientSampleId :
CL-1

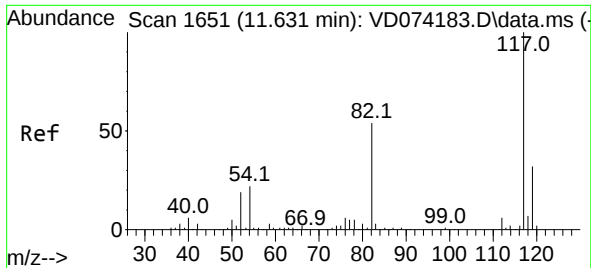
Tgt Ion: 98 Resp: 30570
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 63.136 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074206.D
Acq: 24 Aug 2022 02:58

Tgt Ion: 95 Resp: 11919
Ion Ratio Lower Upper
95 100
174 83.7 0.0 152.8
176 78.9 0.0 145.4

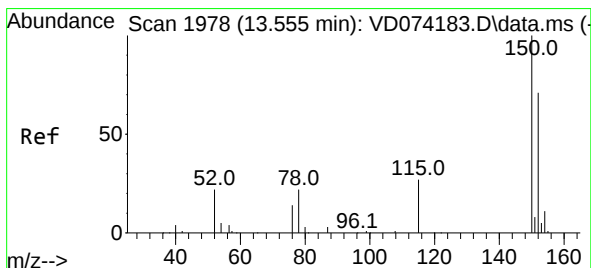
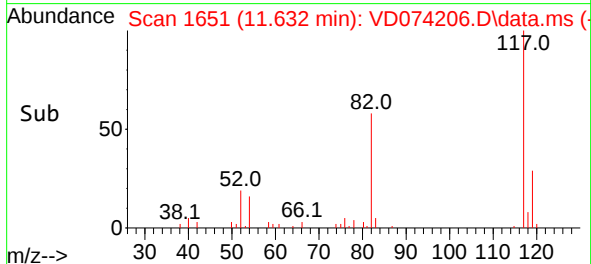
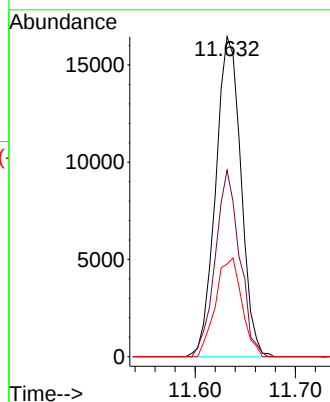
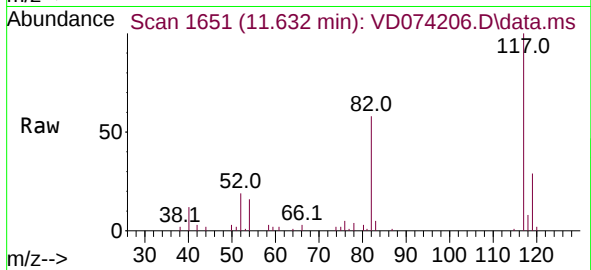




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD074206.D
Acq: 24 Aug 2022 02:58

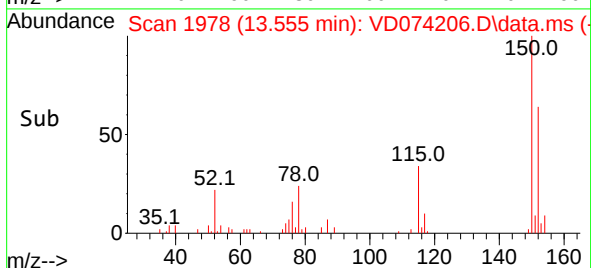
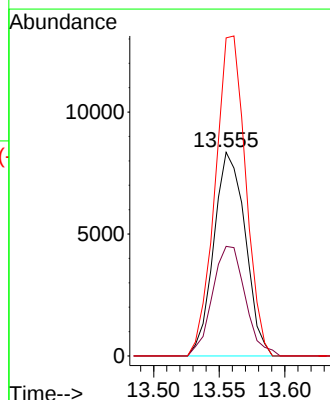
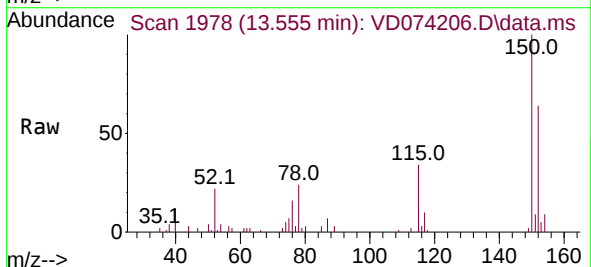
Instrument :
MSVOA_D
ClientSampleId :
CL-1

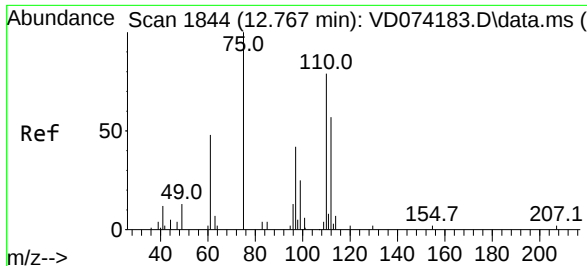
Tgt Ion:117 Resp: 28848
Ion Ratio Lower Upper
117 100
82 58.3 45.3 67.9
119 29.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074206.D
Acq: 24 Aug 2022 02:58

Tgt Ion:152 Resp: 13946
Ion Ratio Lower Upper
152 100
115 56.0 31.3 93.8
150 152.2 0.0 348.6

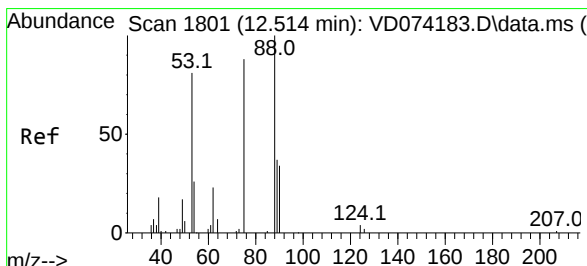
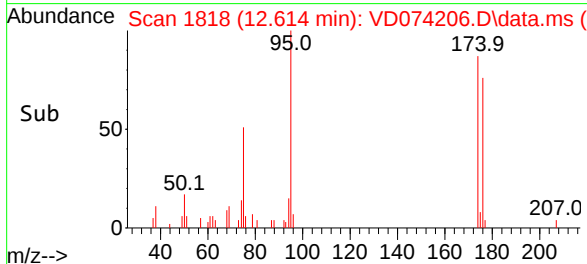
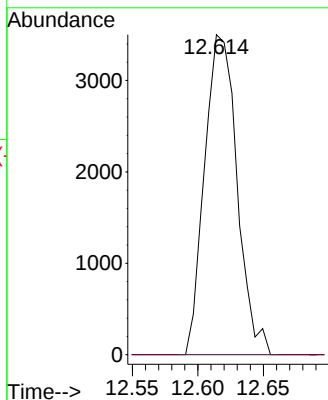
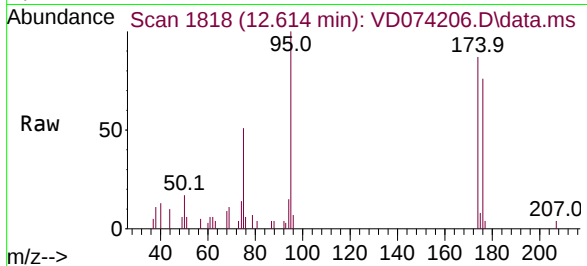




#76
1,2,3-Trichloropropane
Concen: 44.326 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.153 min
Lab File: VD074206.D
Acq: 24 Aug 2022 02:58

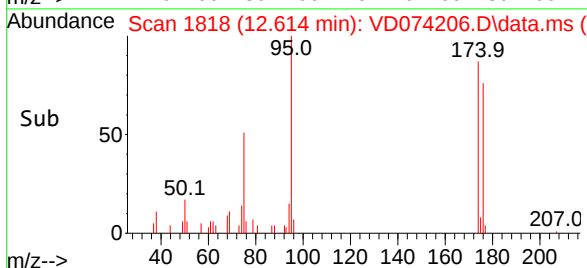
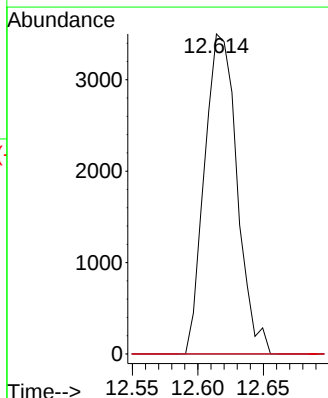
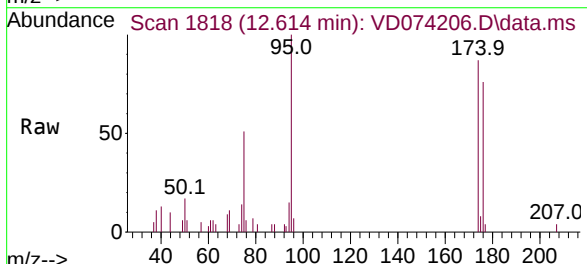
Instrument :
MSVOA_D
ClientSampleId :
CL-1

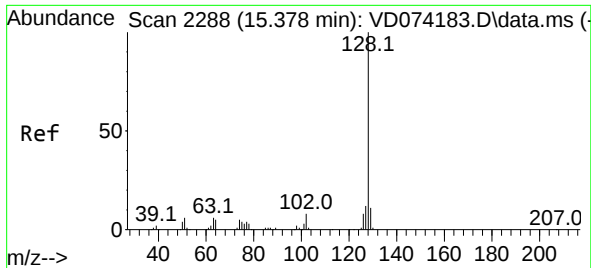
Tgt Ion: 75 Resp: 6036
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 113.991 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.100 min
Lab File: VD074206.D
Acq: 24 Aug 2022 02:58

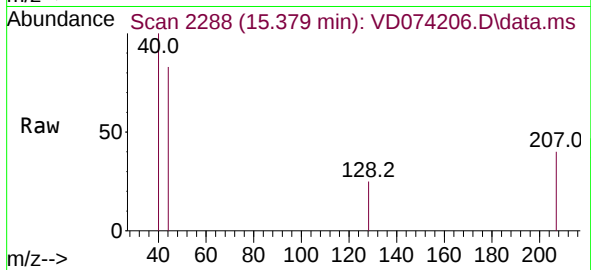
Tgt Ion: 75 Resp: 6036
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95
 Naphthalene
 Concen: 3.678 ug/l
 RT: 15.379 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: VD074206.D
 Acq: 24 Aug 2022 02:58

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-1



Tgt Ion:	128	Resp:	140
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

