

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050223\
 Data File : VD075972.D
 Acq On : 02 May 2023 19:01
 Operator : KP/SY
 Sample : 02564-18MS
 Misc : 5.73G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCN0MS

Quant Time: May 03 02:51:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 03 02:37:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	122847	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	128021	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	64059	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	60299	22.375	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.480%		
7) Chloroethane-d5	2.799	69	55408	23.796	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.200%		
11) 1,1-Dichloroethene-d2	3.911	65	13329	21.453	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	85.800%		
21) 2-Butanone-d5	6.981	46	28126	120.220	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	240.440%#		
24) Chloroform-d	7.569	84	82701	26.921	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	107.680%		
26) 1,2-Dichloroethane-d4	8.228	65	43722	33.328	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	133.320%#		
32) Benzene-d6	8.204	84	157550	21.115	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.440%		
36) 1,2-Dichloropropane-d6	9.210	67	50169	24.291	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.160%		
41) Toluene-d8	10.269	98	145878	20.883	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.520%		
43) trans-1,3-Dichloroprop...	10.528	79	23319	27.316	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	109.280%		
47) 2-Hexanone-d5	10.875	63	22949	92.285	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	184.560%#		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	65605	41.511	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	166.040%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	53052	23.414	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.640%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	41789	24.676	ug/L	99
3) Chloromethane	2.146	50	75545	31.999	ug/L	100
5) Vinyl chloride	2.281	62	79850	25.879	ug/L	99
6) Bromomethane	2.687	94	44309	21.371	ug/L	99
8) Chloroethane	2.834	64	54788	27.456	ug/L	100
9) Trichlorofluoromethane	3.175	101	60269	24.310	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	40755	24.470	ug/L #	57
12) 1,1-Dichloroethene	3.940	96	37152	23.001	ug/L #	80
13) Acetone	4.022	43	54794	273.680	ug/L	98
14) Carbon disulfide	4.263	76	136299	24.159	ug/L	98
15) Methyl Acetate	4.569	43	26639	61.394	ug/L #	62
16) Methylene chloride	4.799	84	64551	25.902	ug/L	90
17) trans-1,2-Dichloroethene	5.310	96	44608	24.629	ug/L	95
18) Methyl tert-butyl Ether	5.310	73	60989	20.993	ug/L #	81
19) 1,1-Dichloroethane	6.105	63	78145	29.452	ug/L	96
20) cis-1,2-Dichloroethene	7.069	96	25669	13.403	ug/L	98
22) 2-Butanone	7.081	43	37140	142.292	ug/L	92
23) Bromochloromethane	7.428	128	31286	35.225	ug/L #	89
25) Chloroform	7.593	83	87022	29.264	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050223\
 Data File : VD075972.D
 Acq On : 02 May 2023 19:01
 Operator : KP/SY
 Sample : 02564-18MS
 Misc : 5.73G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCN0MS

Quant Time: May 03 02:51:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 03 02:37:35 2023
 Response via : Initial Calibration

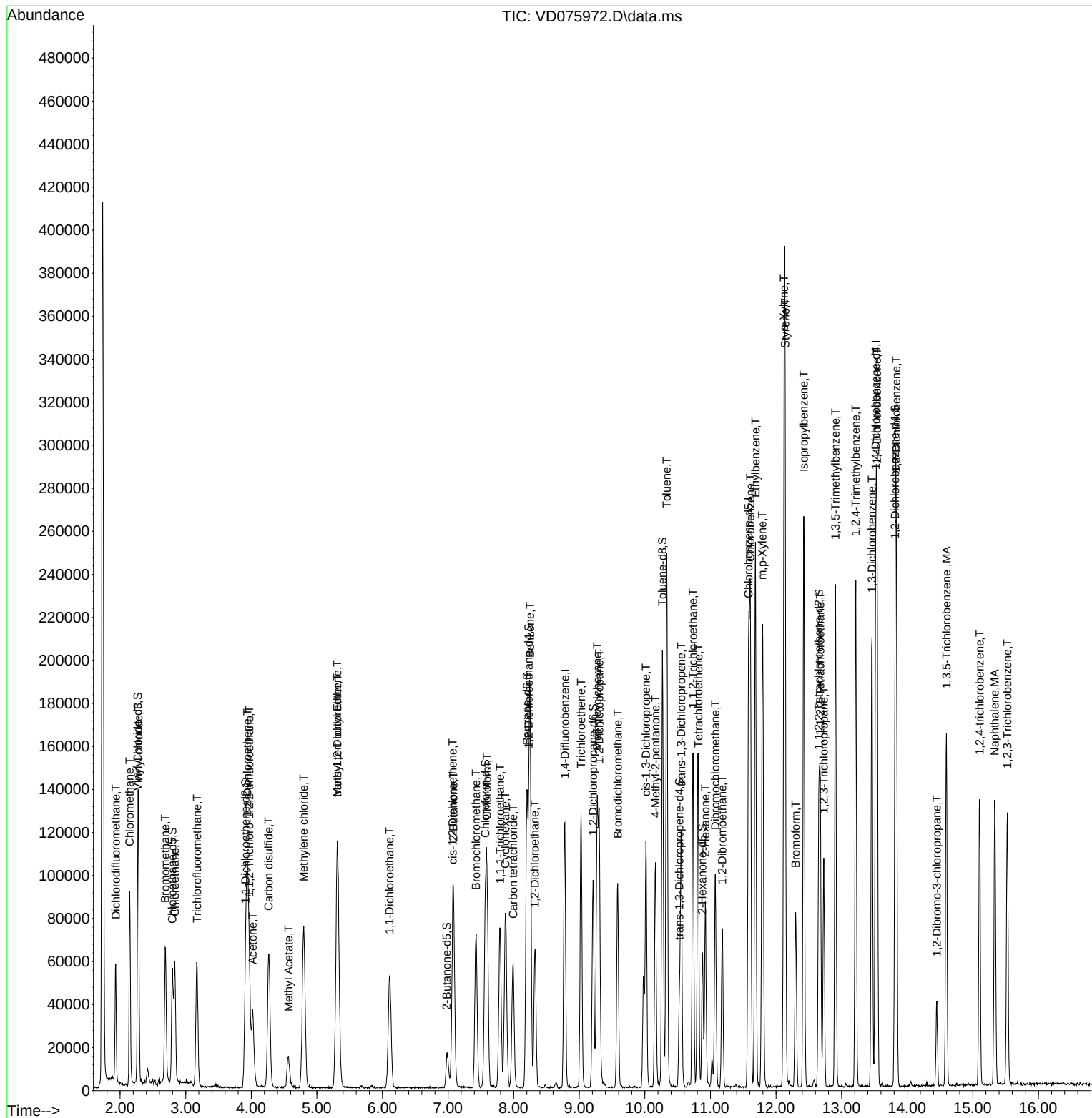
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	58309	37.988	ug/L	100
29) Cyclohexane	7.875	56	40524	18.491	ug/L #	89
30) 1,1,1-Trichloroethane	7.793	97	62580	23.104	ug/L	99
31) Carbon tetrachloride	7.993	117	46086	21.208	ug/L	97
33) Benzene	8.251	78	183742	23.728	ug/L	100
34) Trichloroethene	9.028	95	44144	22.043	ug/L	96
35) Methylcyclohexane	9.275	83	51846	16.792	ug/L	95
37) 1,2-Dichloropropane	9.304	63	51699	29.064	ug/L	97
38) Bromodichloromethane	9.587	83	67392	28.098	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	73415	25.951	ug/L	93
40) 4-Methyl-2-pentanone	10.163	43	63907	98.538	ug/L	93
42) Toluene	10.334	91	202334	24.145	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	69798	30.713	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	51687	34.155	ug/L	95
46) Tetrachloroethene	10.816	164	39208	23.870	ug/L	94
48) 2-Hexanone	10.922	43	47421	103.717	ug/L	93
49) Dibromochloromethane	11.075	129	52748	32.018	ug/L	99
50) 1,2-Dibromoethane	11.181	107	51317	37.613	ug/L	90
51) Chlorobenzene	11.610	112	135304	24.680	ug/L	96
52) Ethylbenzene	11.687	91	183984	21.410	ug/L	97
53) m,p-Xylene	11.792	106	76780	22.439	ug/L	94
54) o-Xylene	12.122	106	75134	23.118	ug/L	96
55) Styrene	12.140	104	141199	24.962	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	67970	44.143	ug/L #	96
59) Bromoform	12.298	173	36813	37.497	ug/L	99
60) Isopropylbenzene	12.422	105	173981	20.483	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	45533	45.248	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	124836	19.709	ug/L	95
63) 1,2,4-Trimethylbenzene	13.216	105	125060	20.483	ug/L	97
64) 1,3-Dichlorobenzene	13.463	146	97909	24.091	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	104424	24.482	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	97063	26.744	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.451	75	10654	52.960	ug/L	87
69) 1,3,5-Trichlorobenzene	14.598	180	55392	20.334	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	46359	20.536	ug/L	99
71) Naphthalene	15.333	128	128174	31.026	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	47586	23.615	ug/L	98

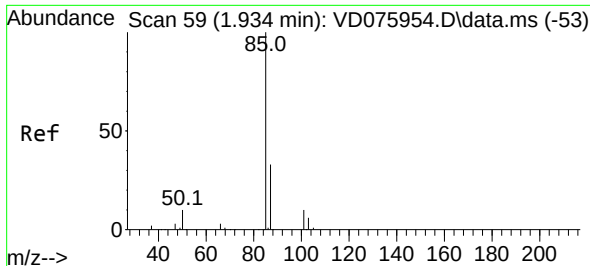
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050223\
 Data File : VD075972.D
 Acq On : 02 May 2023 19:01
 Operator : KP/SY
 Sample : 02564-18MS
 Misc : 5.73G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCN0MS

Quant Time: May 03 02:51:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 03 02:37:35 2023
 Response via : Initial Calibration

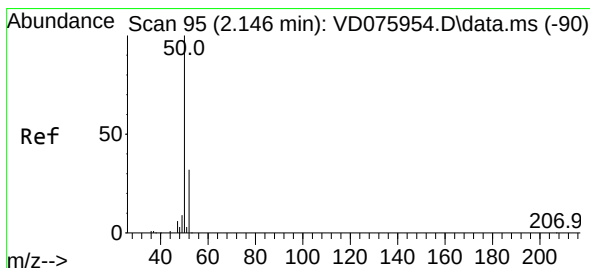
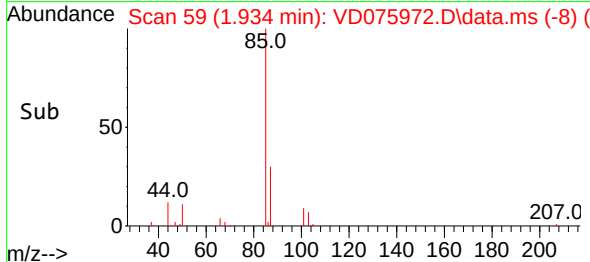
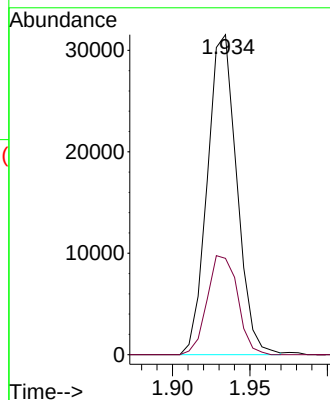
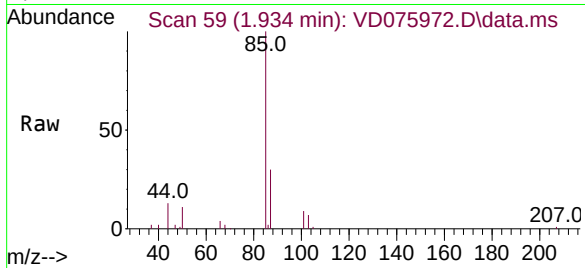




#2
Dichlorodifluoromethane
Concen: 24.676 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

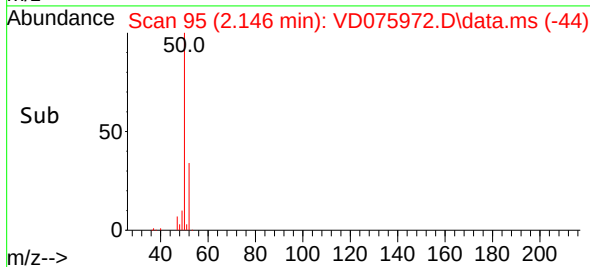
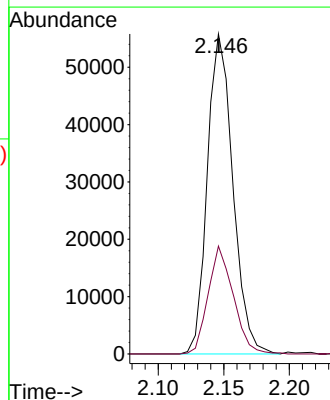
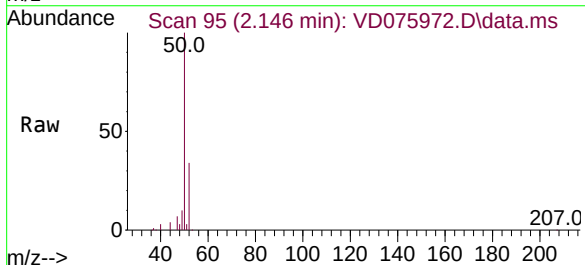
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS

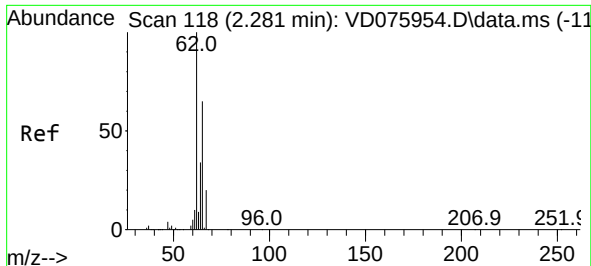
Tgt Ion: 85 Resp: 41789
Ion Ratio Lower Upper
85 100
87 31.9 25.8 38.8



#3
Chloromethane
Concen: 31.999 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Tgt Ion: 50 Resp: 75545
Ion Ratio Lower Upper
50 100
52 33.7 23.7 44.1

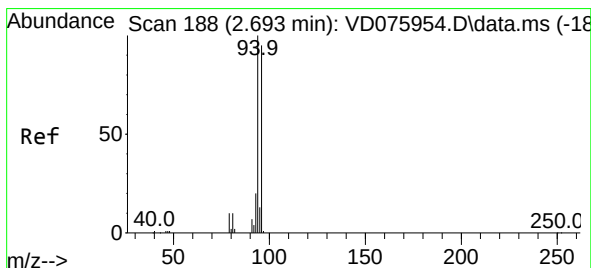
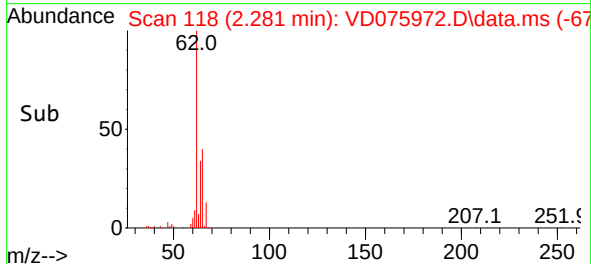
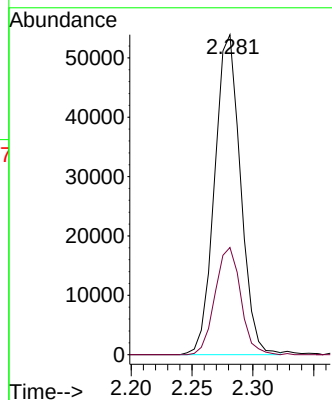
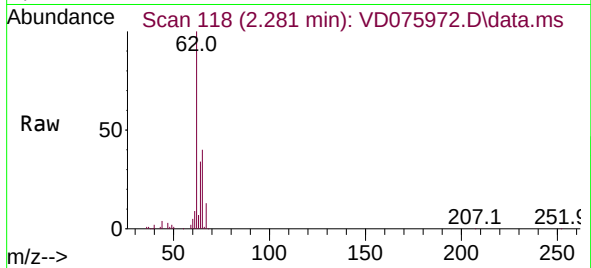




#5
 Vinyl chloride
 Concen: 25.879 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD075972.D
 Acq: 02 May 2023 19:01

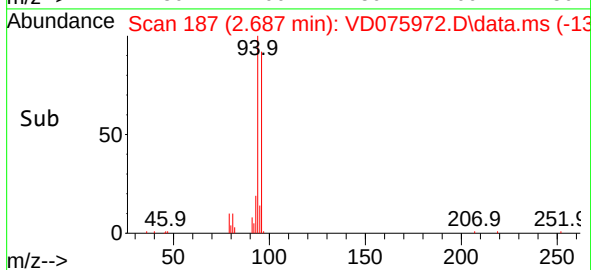
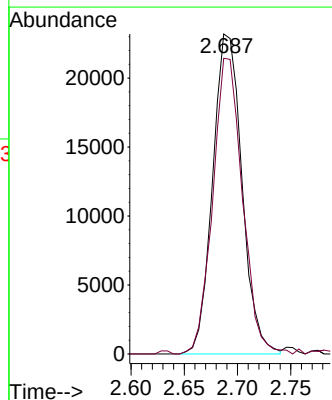
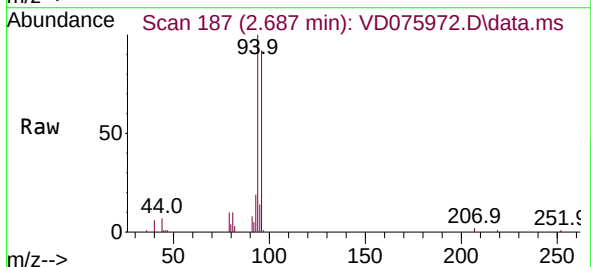
Instrument :
 MSVOA_D
 ClientSampleId :
 DCCN0MS

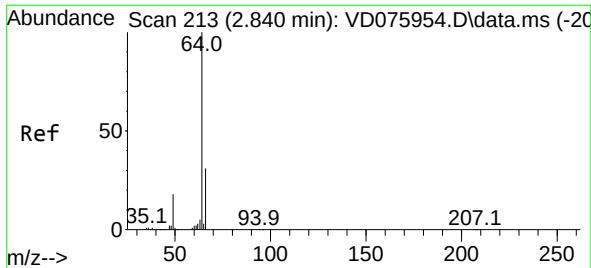
Tgt Ion: 62 Resp: 79850
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.2 43.0



#6
 Bromomethane
 Concen: 21.371 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD075972.D
 Acq: 02 May 2023 19:01

Tgt Ion: 94 Resp: 44309
 Ion Ratio Lower Upper
 94 100
 96 92.4 65.7 121.9

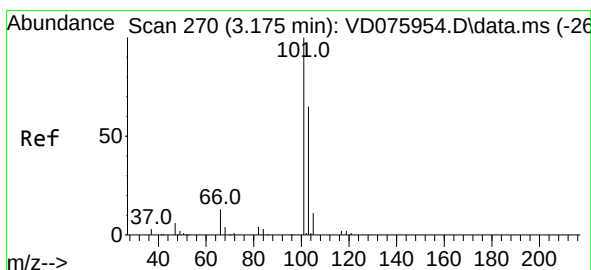
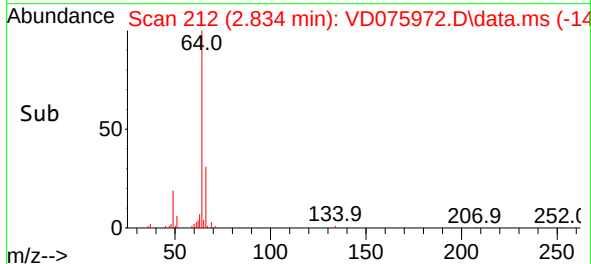
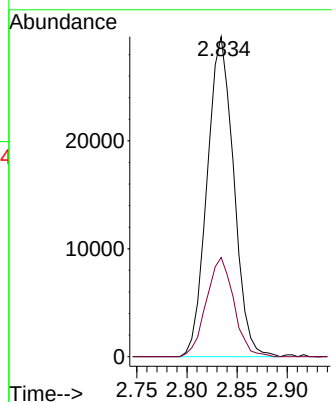
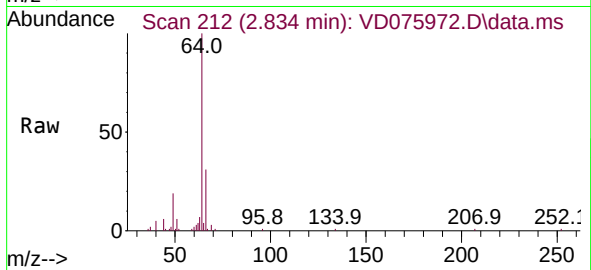




#8
Chloroethane
Concen: 27.456 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

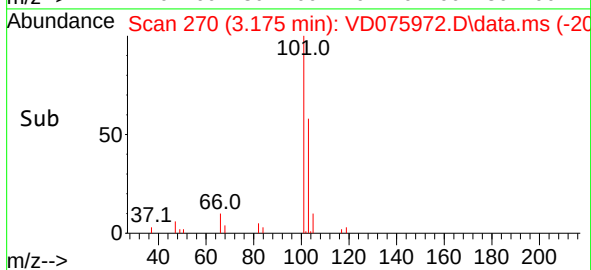
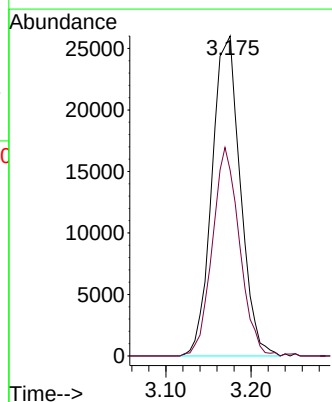
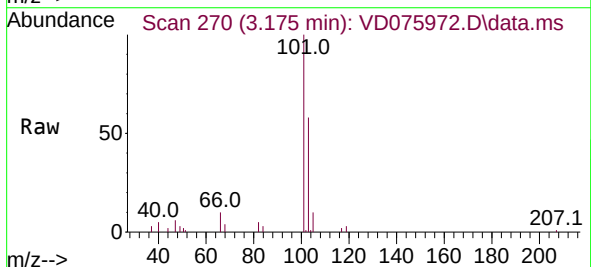
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS

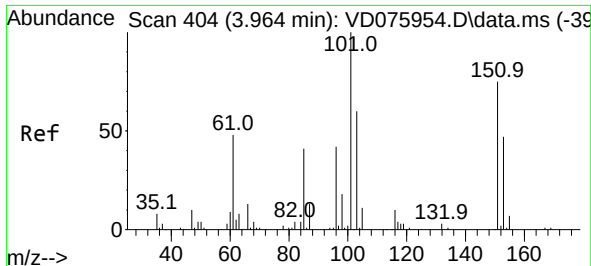
Tgt Ion: 64 Resp: 54788
Ion Ratio Lower Upper
64 100
66 31.0 21.8 40.4



#9
Trichlorofluoromethane
Concen: 24.310 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Tgt Ion:101 Resp: 60269
Ion Ratio Lower Upper
101 100
103 62.2 52.2 78.4

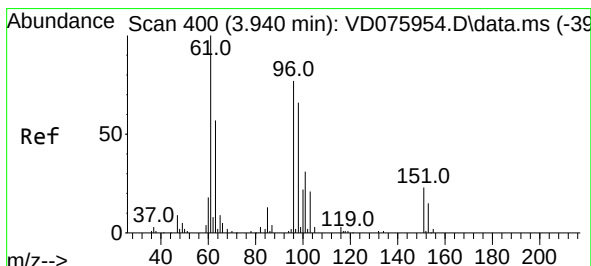
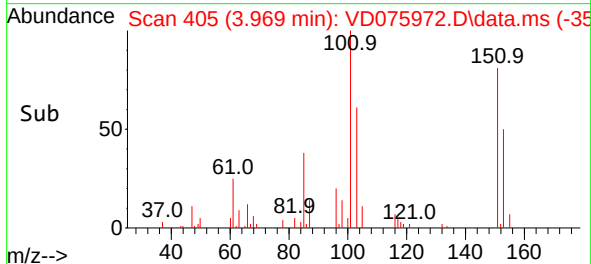
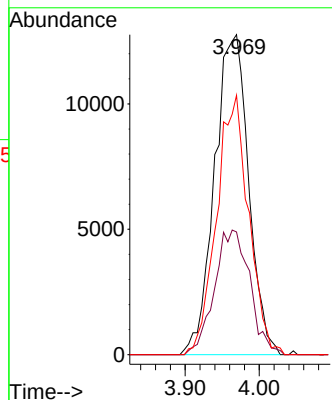
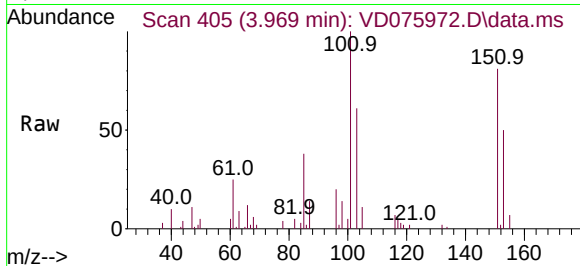




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.470 ug/L
 RT: 3.969 min Scan# 40
 Delta R.T. 0.006 min
 Lab File: VD075972.D
 Acq: 02 May 2023 19:01

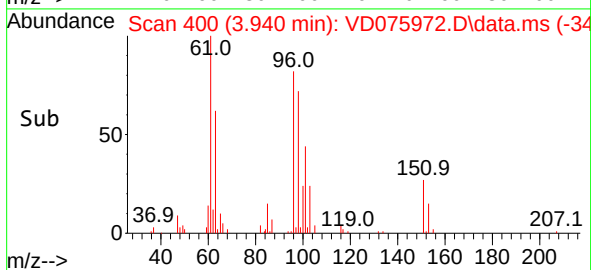
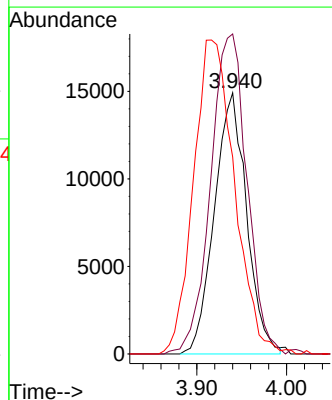
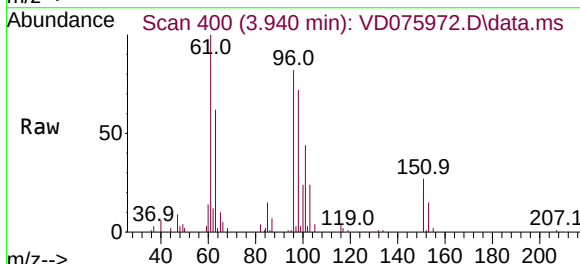
Instrument :
 MSVOA_D
 ClientSampleId :
 DCCN0MS

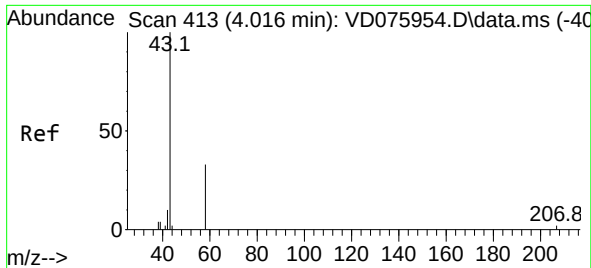
Tgt Ion:101 Resp: 40755
 Ion Ratio Lower Upper
 101 100
 85 18.0 32.9 49.3#
 151 33.0 57.2 85.8#



#12
 1,1-Dichloroethene
 Concen: 23.001 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VD075972.D
 Acq: 02 May 2023 19:01

Tgt Ion: 96 Resp: 37152
 Ion Ratio Lower Upper
 96 100
 61 122.5 92.6 172.0
 63 75.5 77.4 143.8#

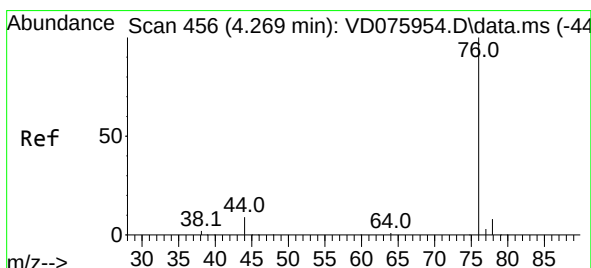
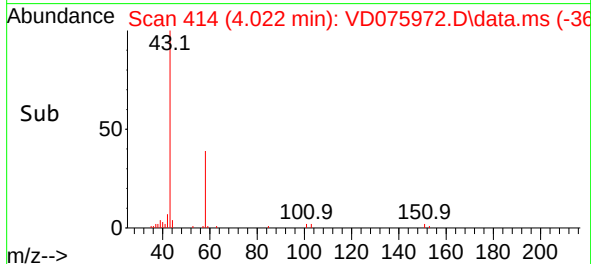
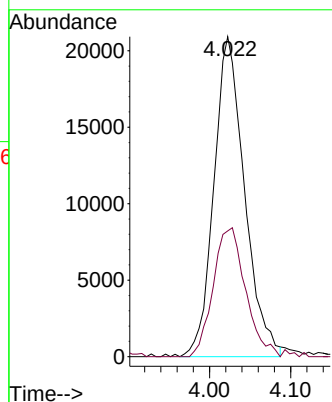
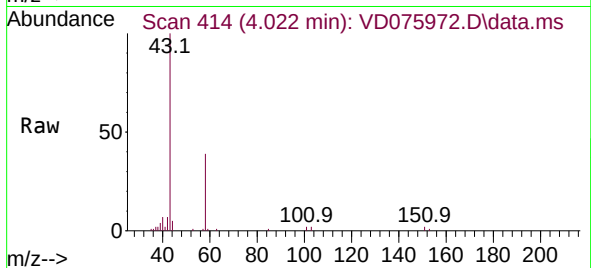




#13
Acetone
Concen: 273.680 ug/L
RT: 4.022 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

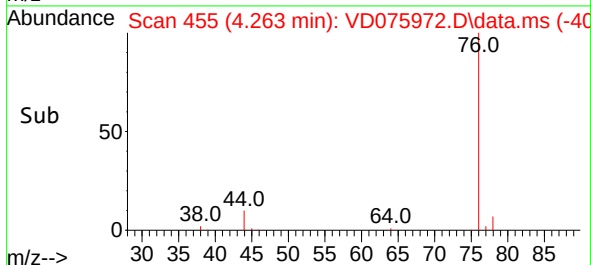
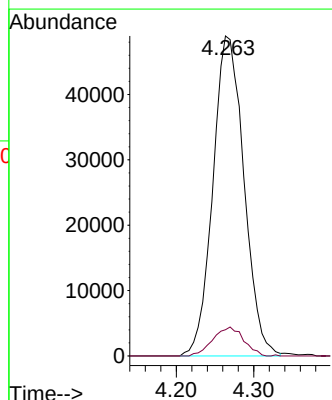
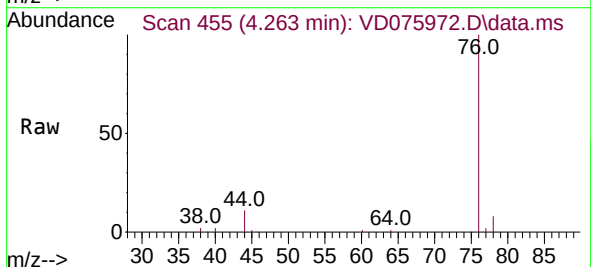
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS

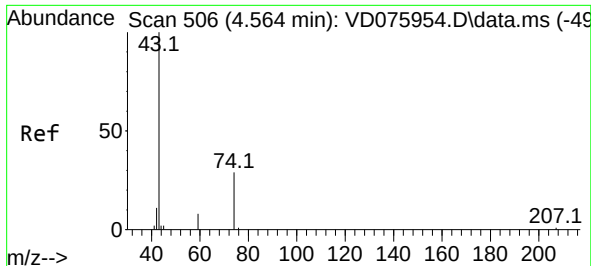
Tgt Ion: 43 Resp: 54794
Ion Ratio Lower Upper
43 100
58 42.5 0.0 87.4



#14
Carbon disulfide
Concen: 24.159 ug/L
RT: 4.263 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Tgt Ion: 76 Resp: 136299
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.6

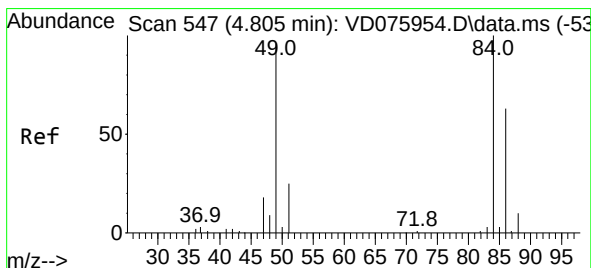
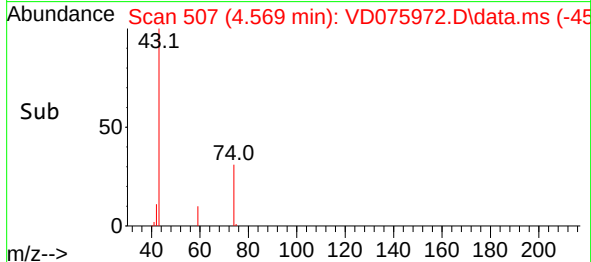
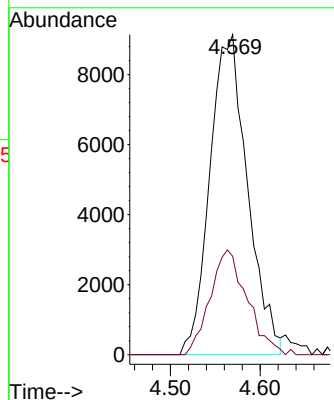
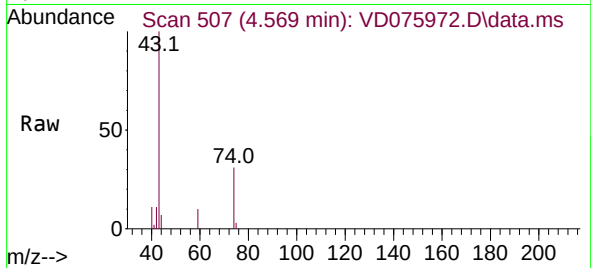




#15
Methyl Acetate
Concen: 61.394 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

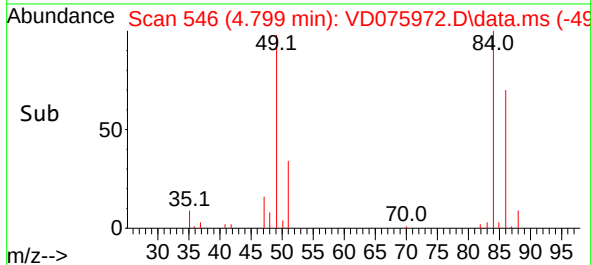
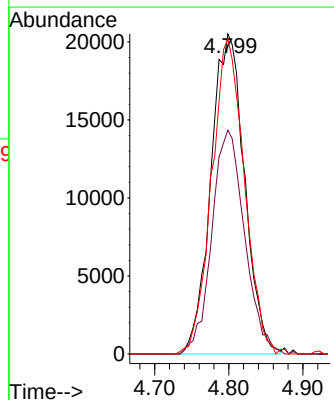
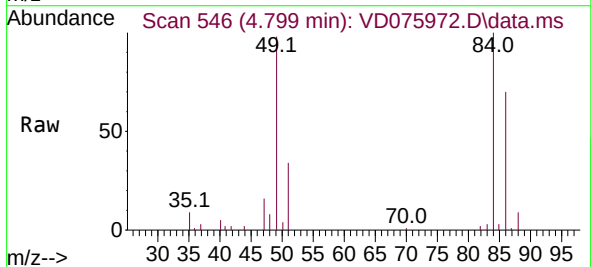
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS

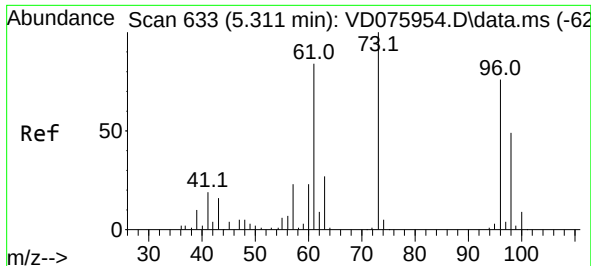
Tgt Ion: 43 Resp: 26639
Ion Ratio Lower Upper
43 100
74 32.1 12.8 19.2#



#16
Methylene chloride
Concen: 25.902 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Tgt Ion: 84 Resp: 64551
Ion Ratio Lower Upper
84 100
86 70.0 45.8 85.2
49 98.4 60.8 112.8





#17

trans-1,2-Dichloroethene

Concen: 24.629 ug/L

RT: 5.310 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD075972.D

Acq: 02 May 2023 19:01

Instrument :

MSVOA_D

ClientSampleId :

DCCN0MS

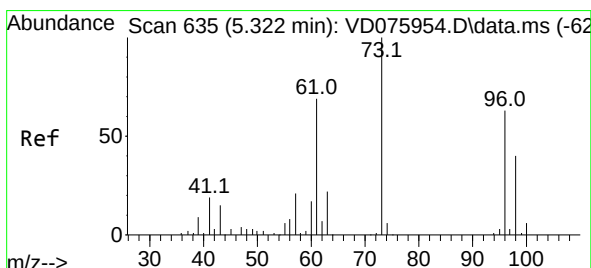
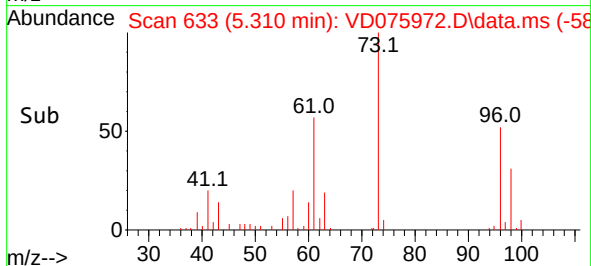
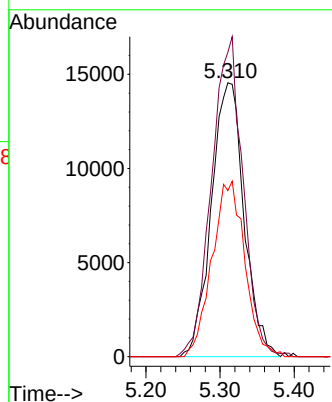
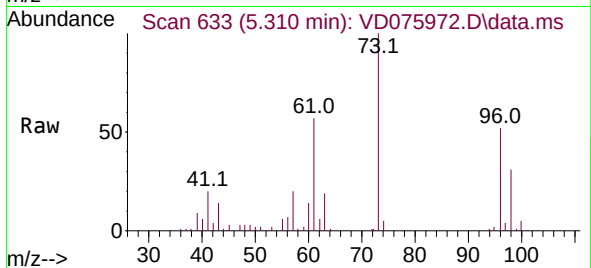
Tgt Ion: 96 Resp: 44608

Ion Ratio Lower Upper

96 100

61 111.2 72.9 135.5

98 60.6 43.0 79.8



#18

Methyl tert-butyl Ether

Concen: 20.993 ug/L

RT: 5.310 min Scan# 633

Delta R.T. -0.012 min

Lab File: VD075972.D

Acq: 02 May 2023 19:01

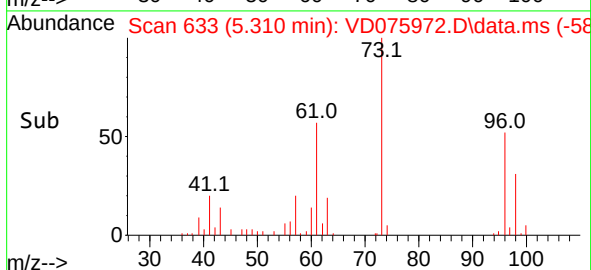
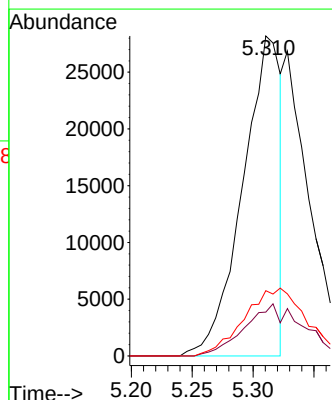
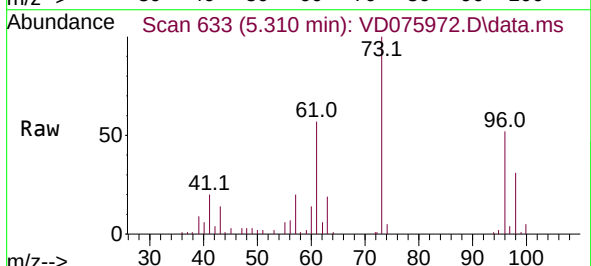
Tgt Ion: 73 Resp: 60989

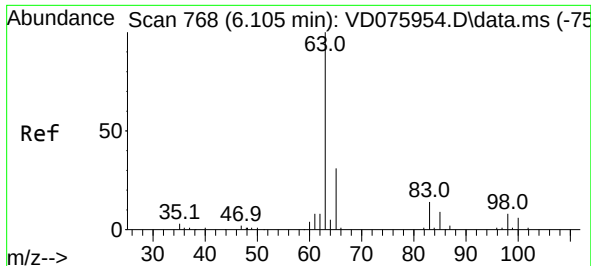
Ion Ratio Lower Upper

73 100

43 15.1 11.3 16.9

57 34.9 16.3 24.5#





#19

1,1-Dichloroethane

Concen: 29.452 ug/L

RT: 6.105 min Scan# 768

Delta R.T. -0.000 min

Lab File: VD075972.D

Acq: 02 May 2023 19:01

Instrument :

MSVOA_D

ClientSampleId :

DCCN0MS

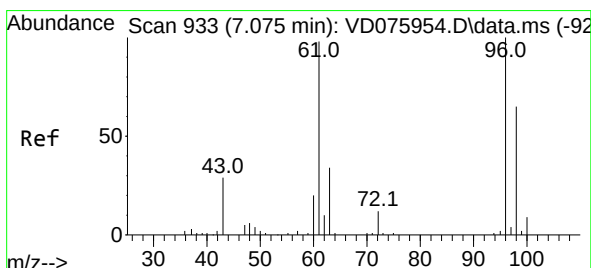
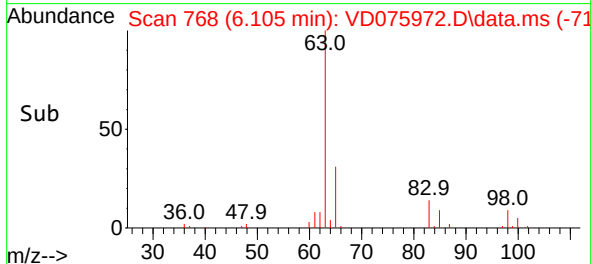
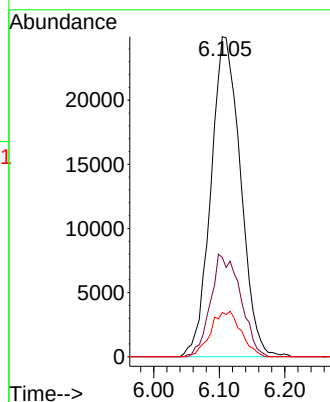
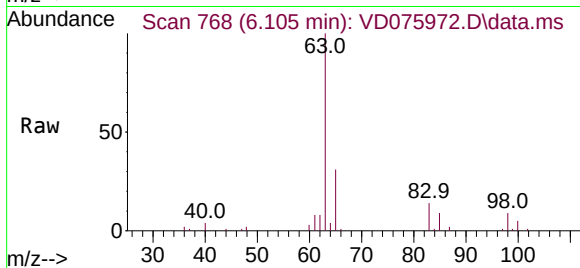
Tgt Ion: 63 Resp: 78145

Ion Ratio Lower Upper

63 100

65 31.0 22.8 42.4

83 13.8 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 13.403 ug/L

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD075972.D

Acq: 02 May 2023 19:01

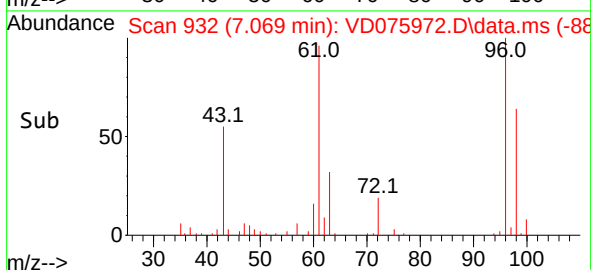
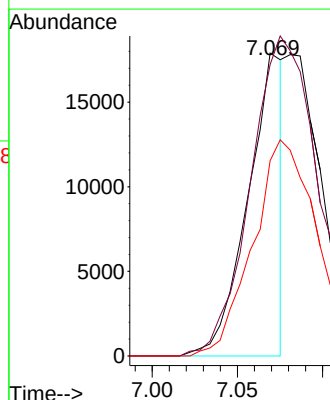
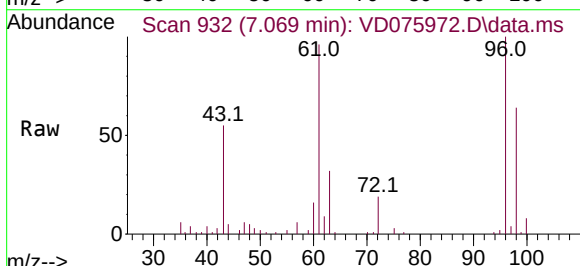
Tgt Ion: 96 Resp: 25669

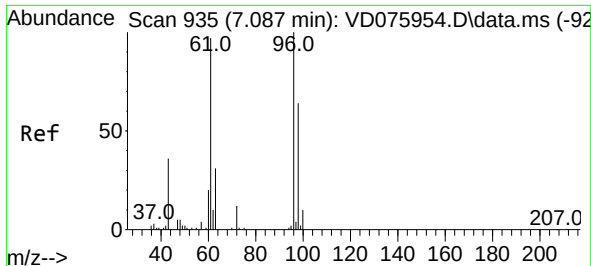
Ion Ratio Lower Upper

96 100

61 96.2 67.5 125.3

98 64.4 47.5 88.1

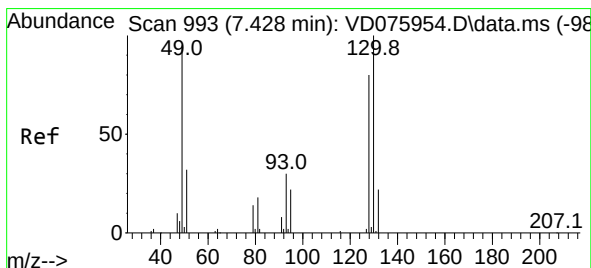
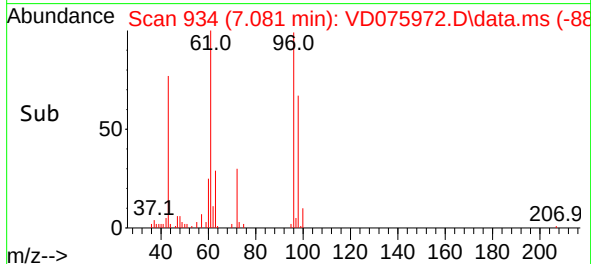
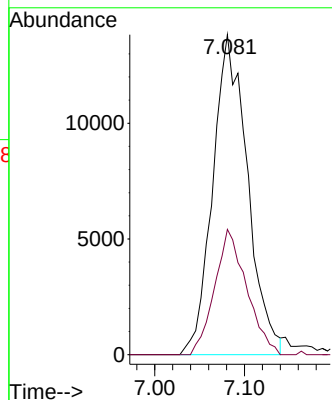
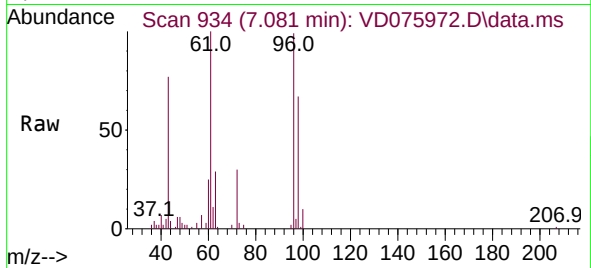




#22
2-Butanone
Concen: 142.292 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

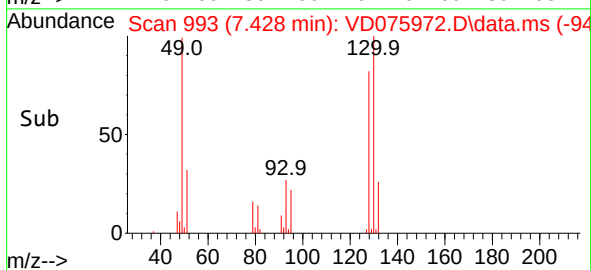
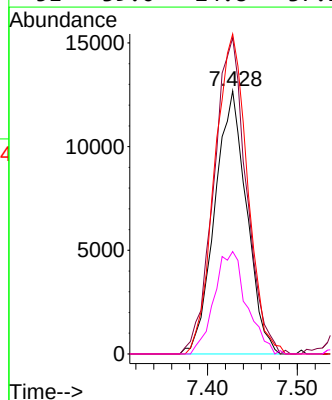
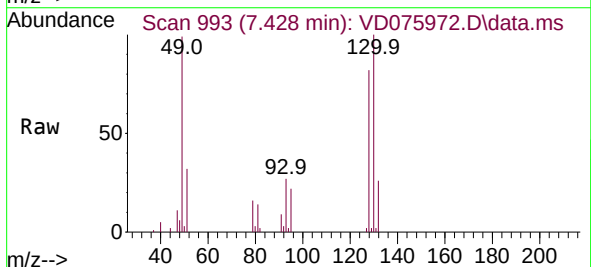
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS

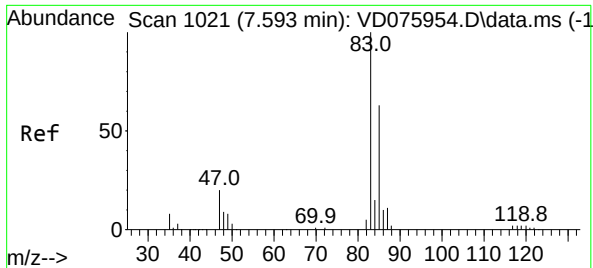
Tgt Ion: 43 Resp: 37140
Ion Ratio Lower Upper
43 100
72 36.1 20.5 61.5



#23
Bromochloromethane
Concen: 35.225 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Tgt Ion: 128 Resp: 31286
Ion Ratio Lower Upper
128 100
49 120.2 76.4 142.0
130 121.7 93.5 173.7
51 39.0 24.8 37.2#

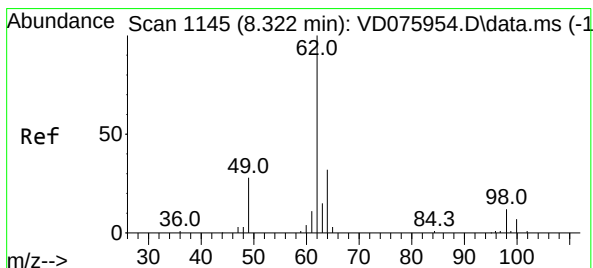
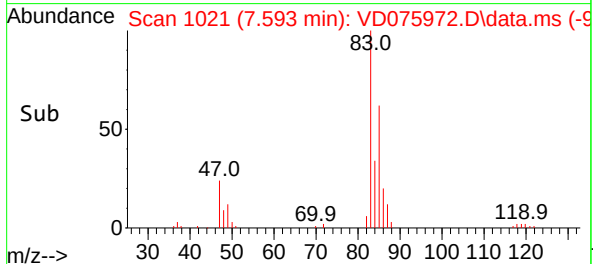
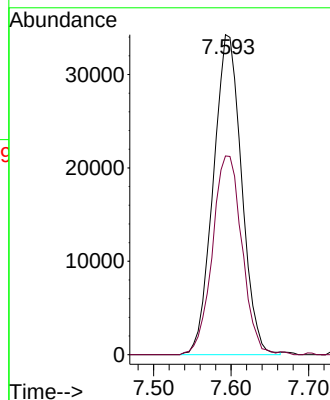
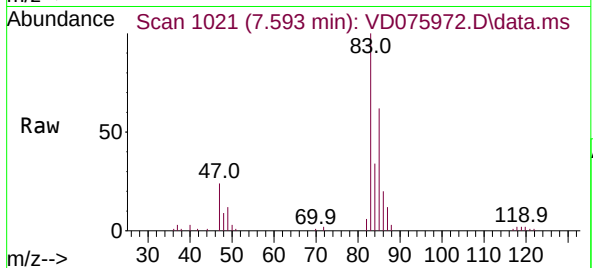




#25
Chloroform
Concen: 29.264 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

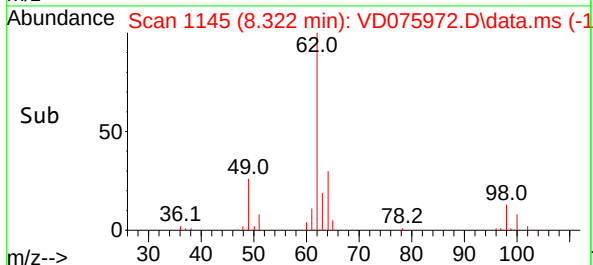
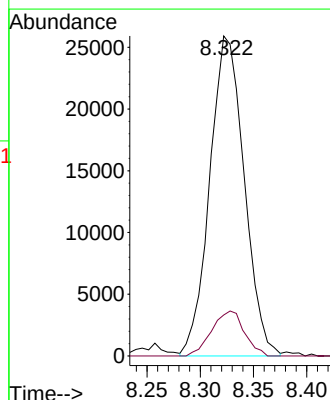
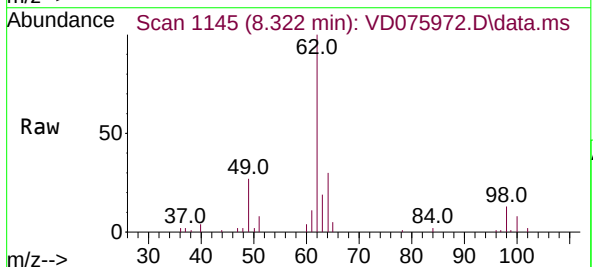
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS

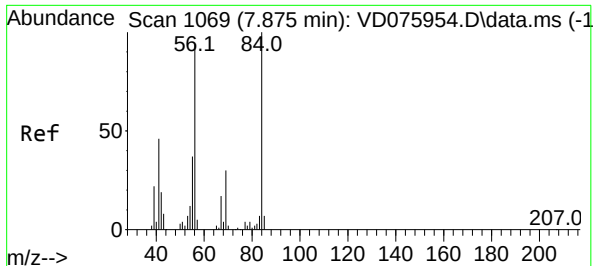
Tgt Ion: 83 Resp: 87022
Ion Ratio Lower Upper
83 100
85 62.1 44.4 82.5



#27
1,2-Dichloroethane
Concen: 37.988 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Tgt Ion: 62 Resp: 58309
Ion Ratio Lower Upper
62 100
98 12.8 10.2 15.2





#29

Cyclohexane

Concen: 18.491 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD075972.D

Acq: 02 May 2023 19:01

Instrument :

MSVOA_D

ClientSampleId :

DCCN0MS

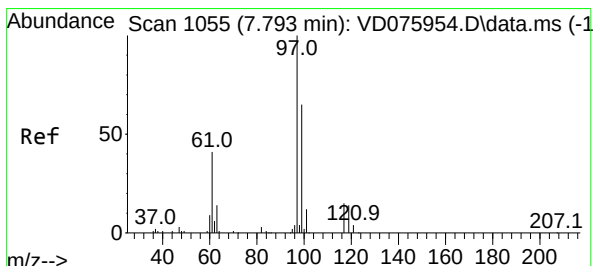
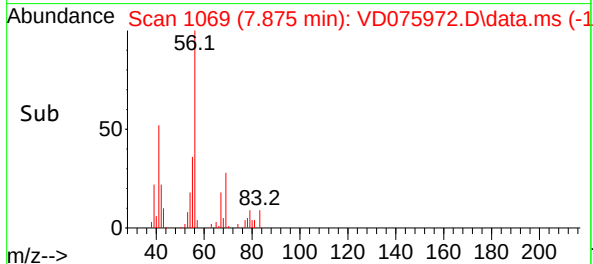
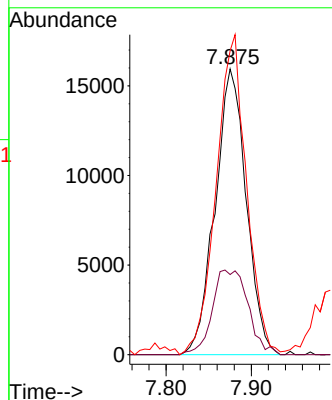
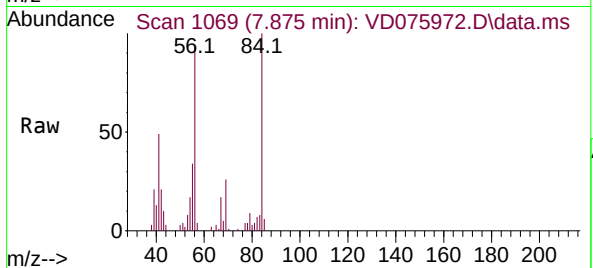
Tgt Ion: 56 Resp: 40524

Ion Ratio Lower Upper

56 100

69 18.4 28.2 42.2#

84 108.8 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 23.104 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075972.D

Acq: 02 May 2023 19:01

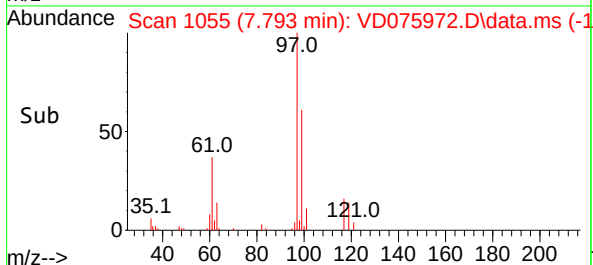
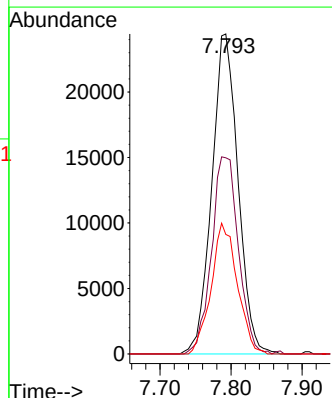
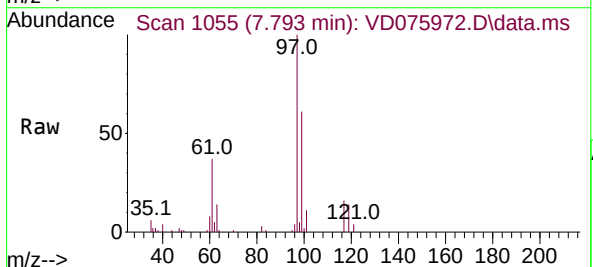
Tgt Ion: 97 Resp: 62580

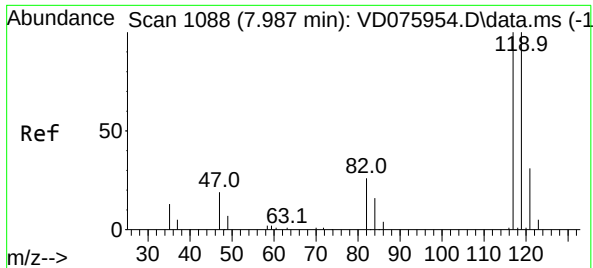
Ion Ratio Lower Upper

97 100

99 63.2 51.5 77.3

61 40.8 32.1 48.1

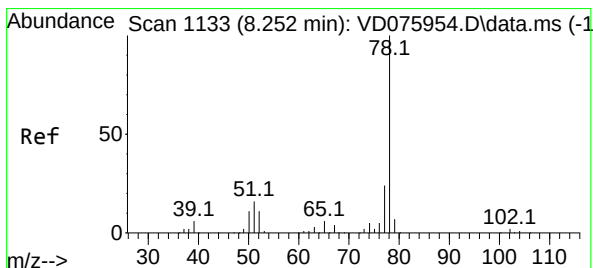
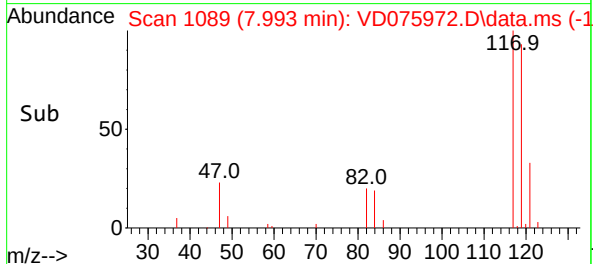
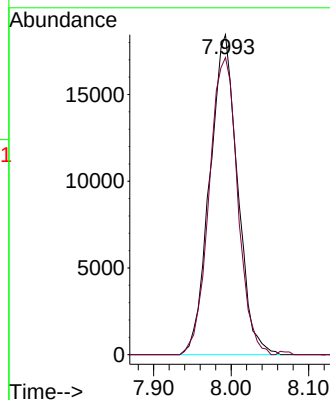
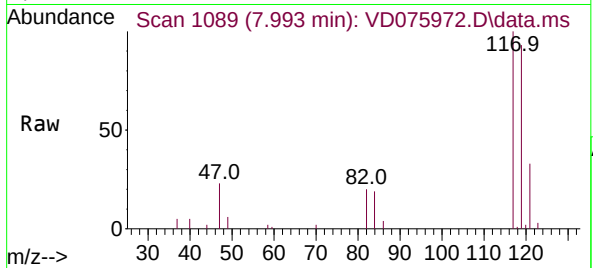




#31
Carbon tetrachloride
Concen: 21.208 ug/L
RT: 7.993 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

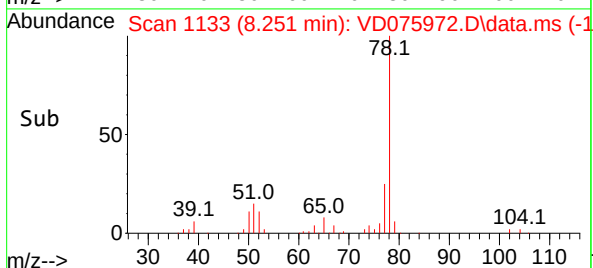
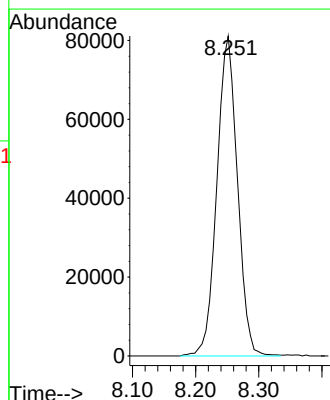
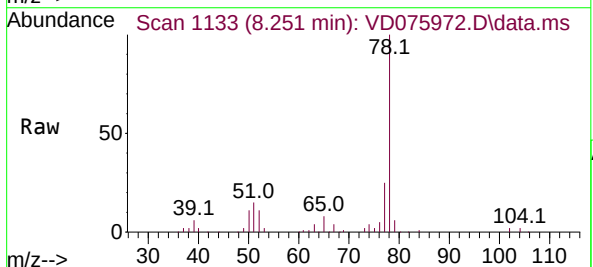
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS

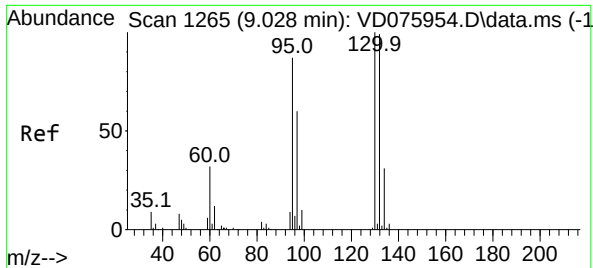
Tgt Ion:117 Resp: 46086
Ion Ratio Lower Upper
117 100
119 94.9 78.2 117.4



#33
Benzene
Concen: 23.728 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Tgt Ion: 78 Resp: 183742

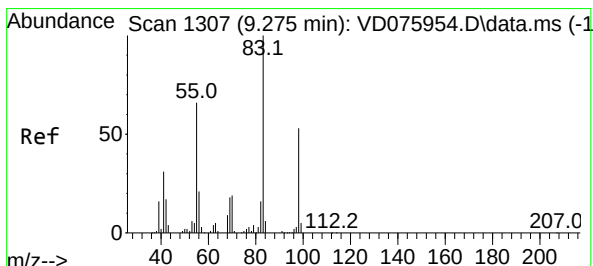
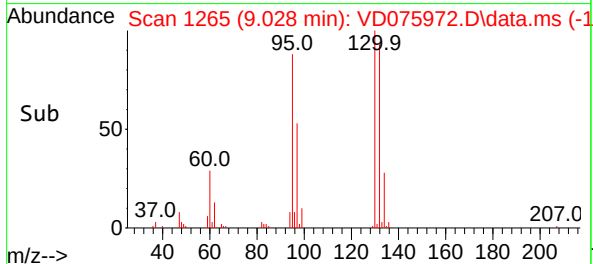
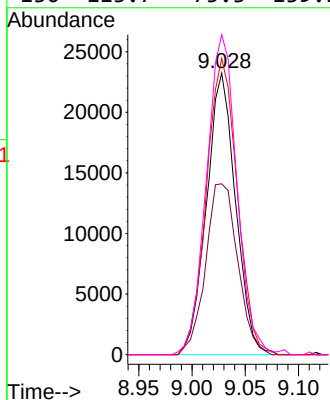
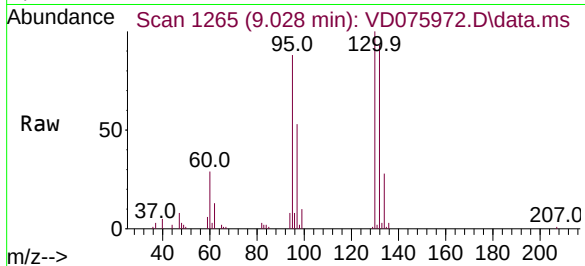




#34
Trichloroethene
Concen: 22.043 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

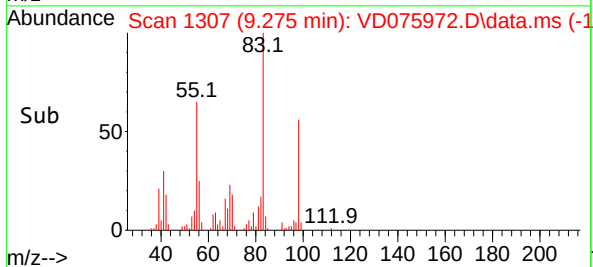
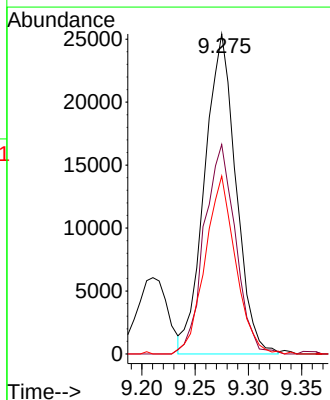
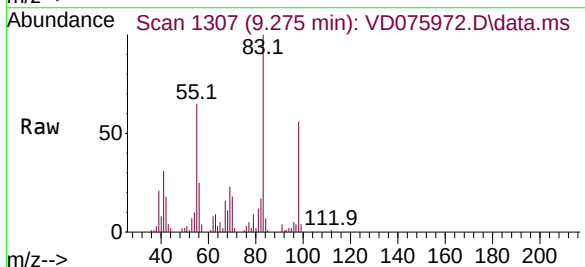
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS

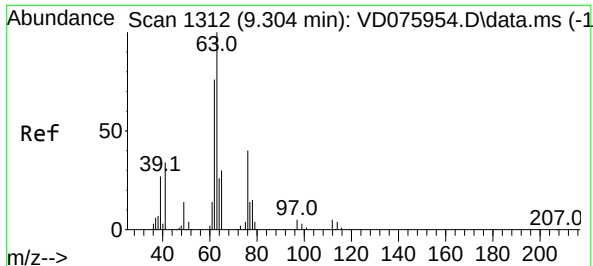
Tgt Ion:	95	Resp:	44144
Ion	Ratio	Lower	Upper
95	100		
97	60.7	46.0	85.4
132	105.3	73.3	136.1
130	113.7	75.3	139.9



#35
Methylcyclohexane
Concen: 16.792 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Tgt Ion:	83	Resp:	51846
Ion	Ratio	Lower	Upper
83	100		
55	65.0	48.2	72.2
98	54.1	40.8	61.2





#37

1,2-Dichloropropane

Concen: 29.064 ug/L

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075972.D

Acq: 02 May 2023 19:01

Instrument :

MSVOA_D

ClientSampleId :

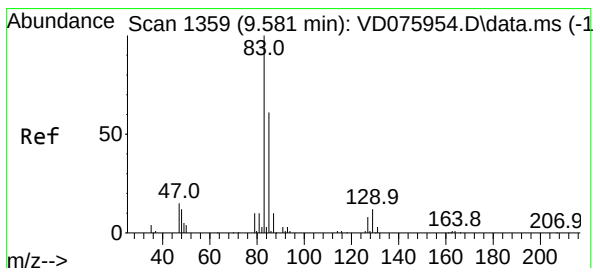
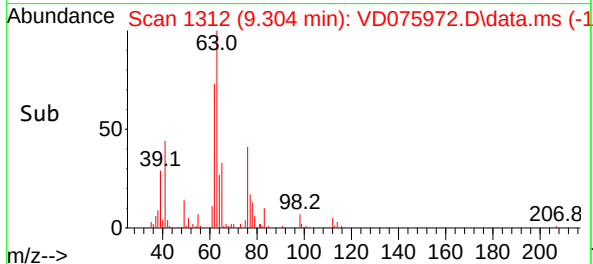
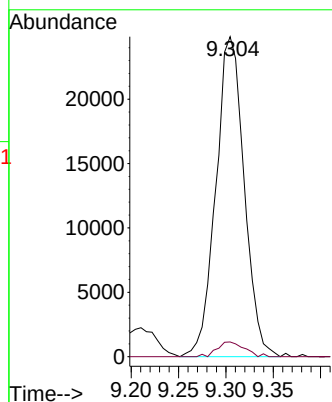
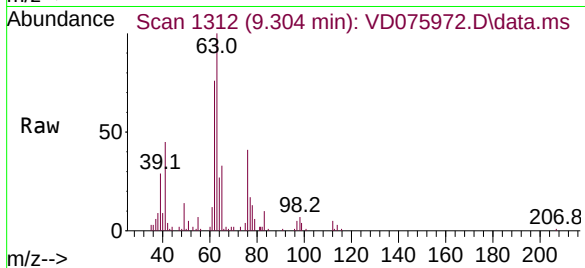
DCCN0MS

Tgt Ion: 63 Resp: 51699

Ion Ratio Lower Upper

63 100

112 4.2 4.0 6.0



#38

Bromodichloromethane

Concen: 28.098 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.006 min

Lab File: VD075972.D

Acq: 02 May 2023 19:01

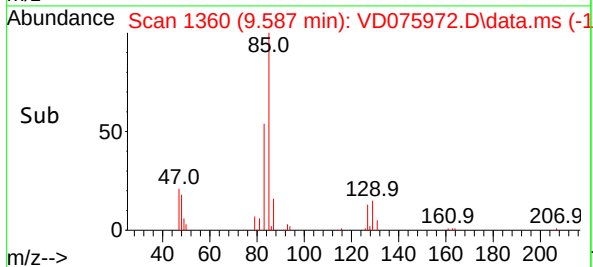
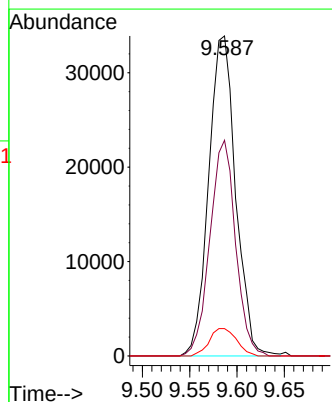
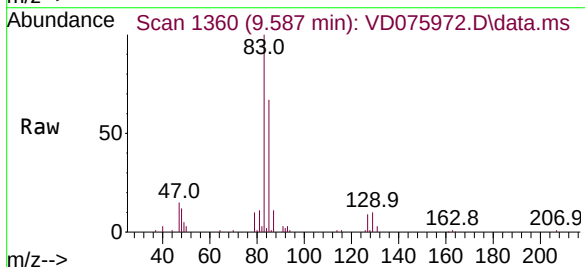
Tgt Ion: 83 Resp: 67392

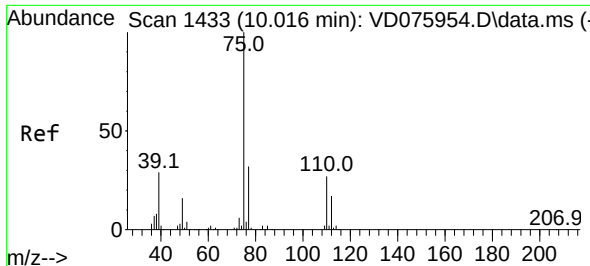
Ion Ratio Lower Upper

83 100

85 67.4 44.2 82.2

127 8.5 6.3 9.5

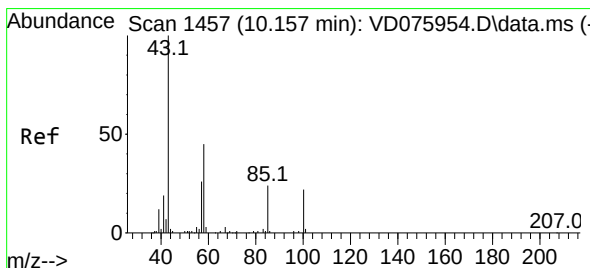
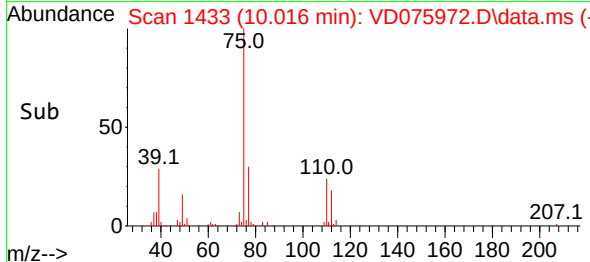
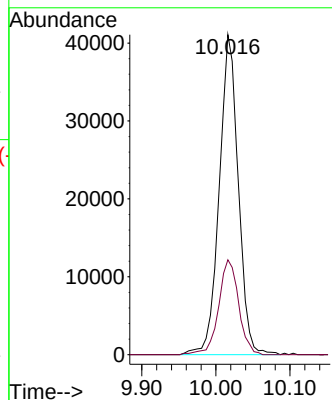
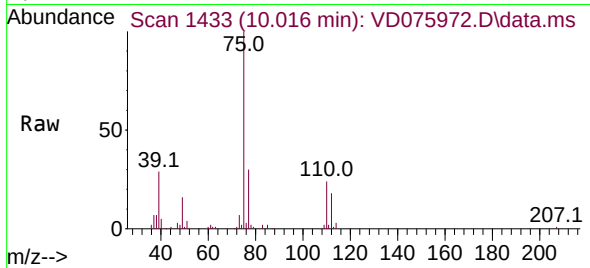




#39
 cis-1,3-Dichloropropene
 Concen: 25.951 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075972.D
 Acq: 02 May 2023 19:01

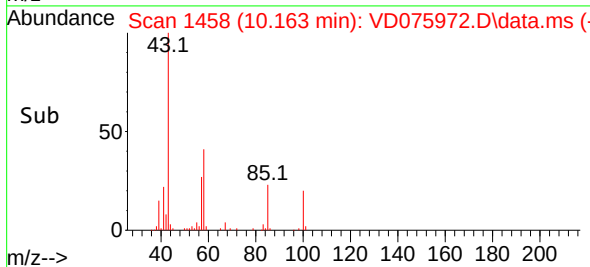
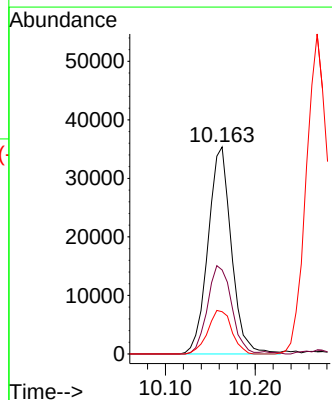
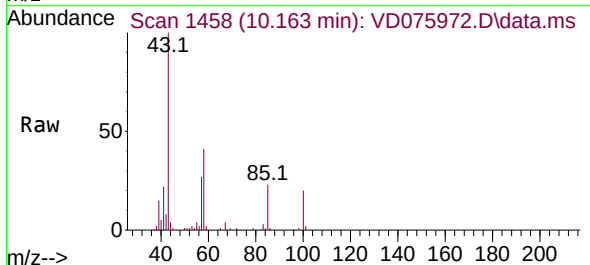
Instrument :
 MSVOA_D
 ClientSampleId :
 DCCN0MS

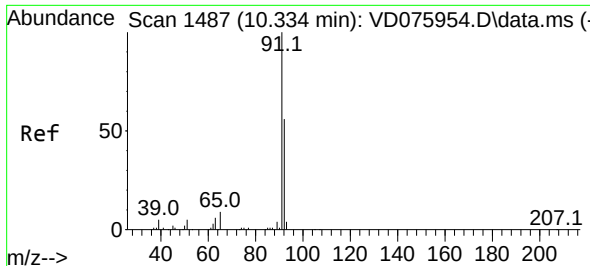
Tgt Ion: 75 Resp: 73415
 Ion Ratio Lower Upper
 75 100
 77 29.7 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 98.538 ug/L
 RT: 10.163 min Scan# 1458
 Delta R.T. 0.006 min
 Lab File: VD075972.D
 Acq: 02 May 2023 19:01

Tgt Ion: 43 Resp: 63907
 Ion Ratio Lower Upper
 43 100
 58 43.8 39.1 58.7
 100 21.6 19.4 29.0

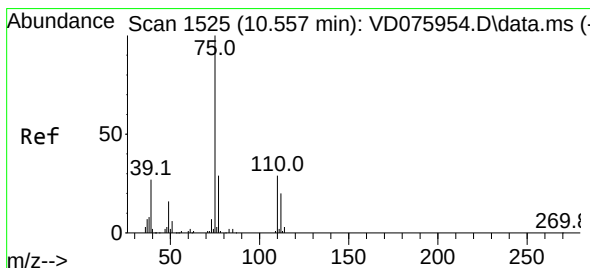
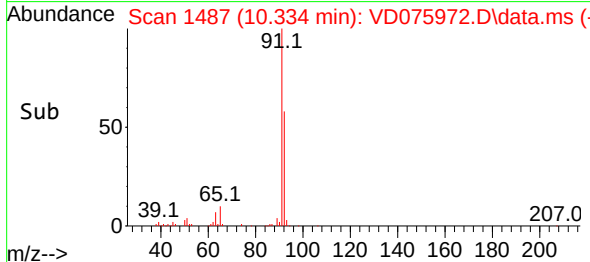
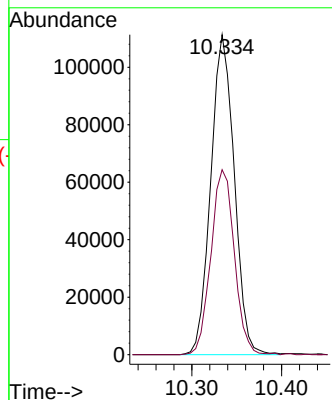
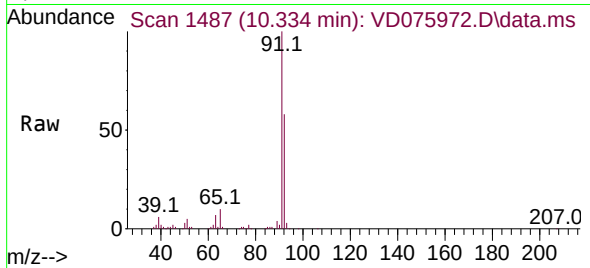




#42
Toluene
Concen: 24.145 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

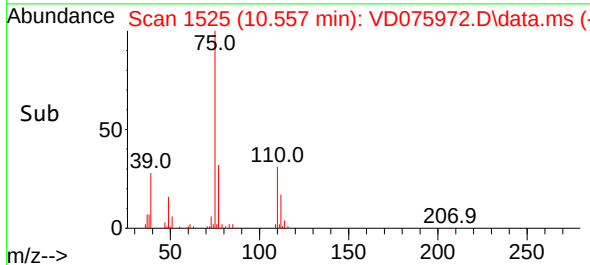
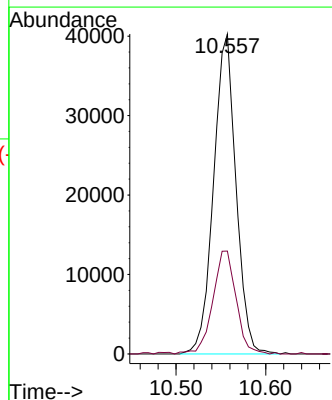
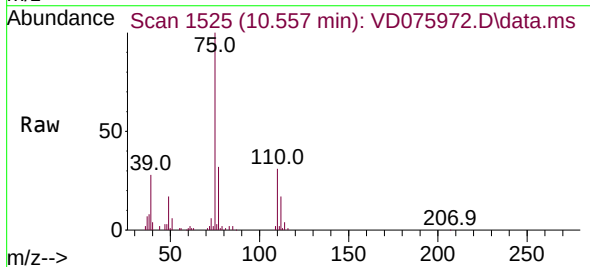
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS

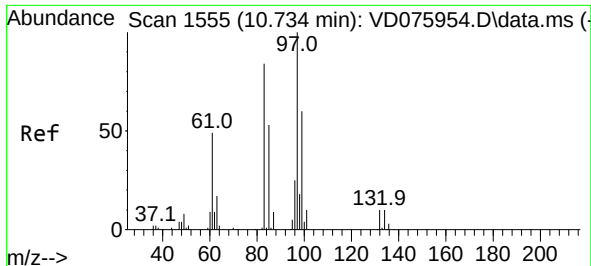
Tgt Ion: 91 Resp: 202334
Ion Ratio Lower Upper
91 100
92 57.8 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 30.713 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Tgt Ion: 75 Resp: 69798
Ion Ratio Lower Upper
75 100
77 32.1 22.0 41.0

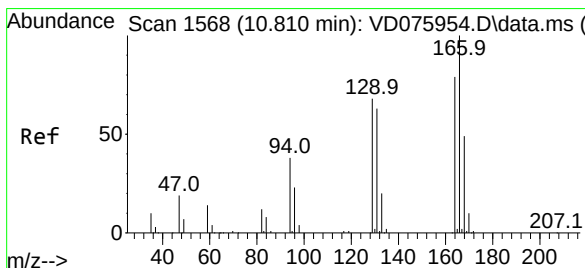
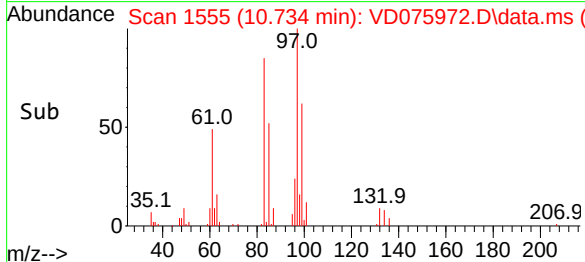
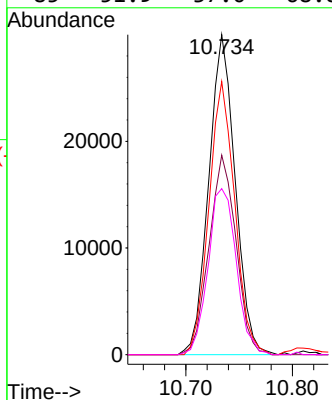
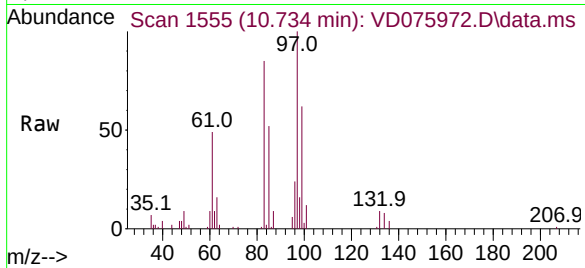




#45
1,1,2-Trichloroethane
Concen: 34.155 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

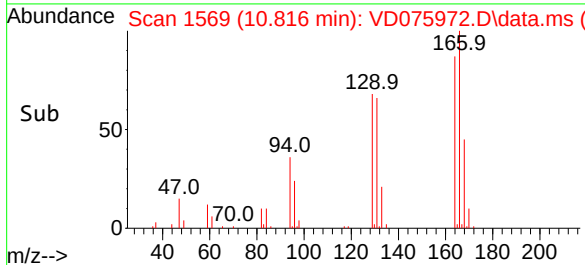
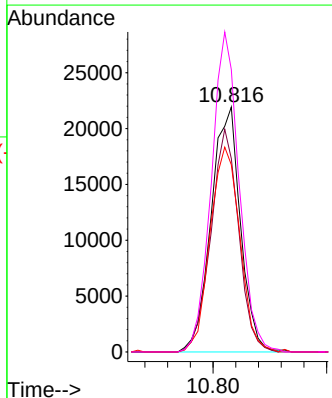
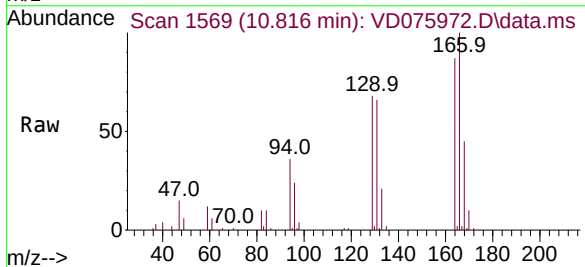
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS

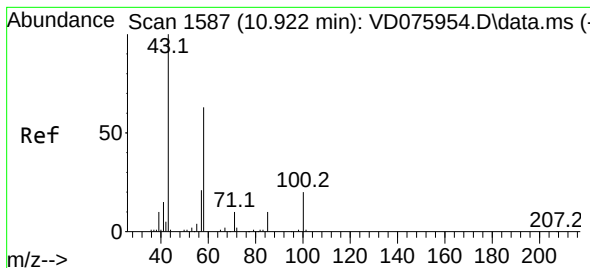
Tgt Ion: 97	Resp: 51687
Ion Ratio	Lower Upper
97 100	
99 62.3	42.2 78.4
83 85.4	54.8 101.8
85 51.9	37.0 68.8



#46
Tetrachloroethene
Concen: 23.870 ug/L
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Tgt	Ion:164	Resp:	39208
Ion	Ratio	Lower	Upper
164	100		
129	79.0	60.3	112.1
131	76.4	58.9	109.3
166	115.3	83.0	154.1

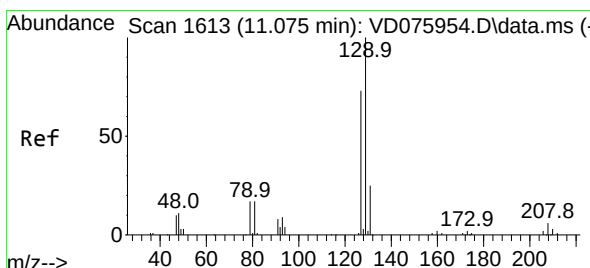
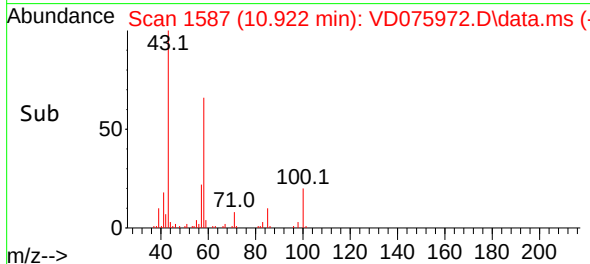
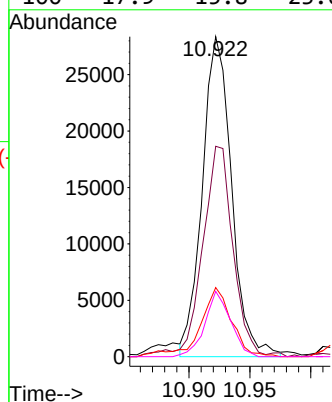
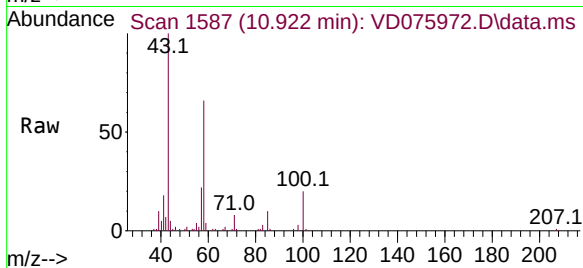




#48
2-Hexanone
Concen: 103.717 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

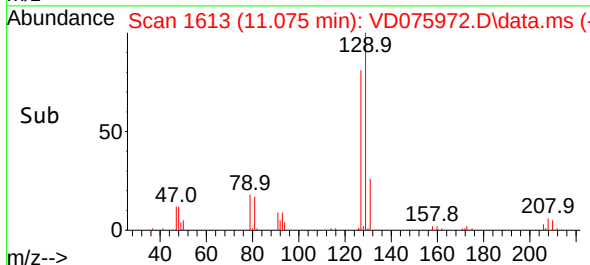
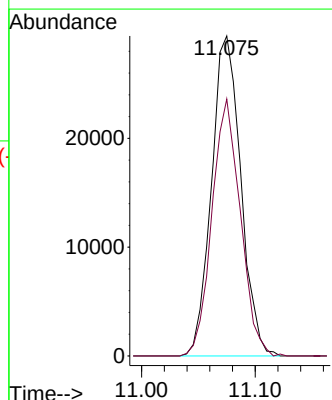
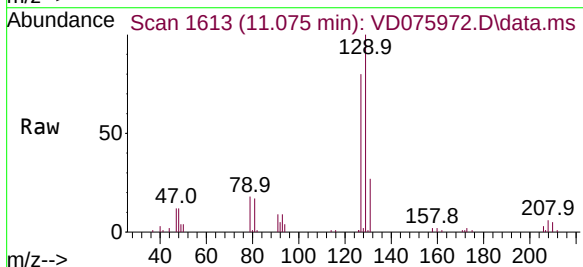
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS

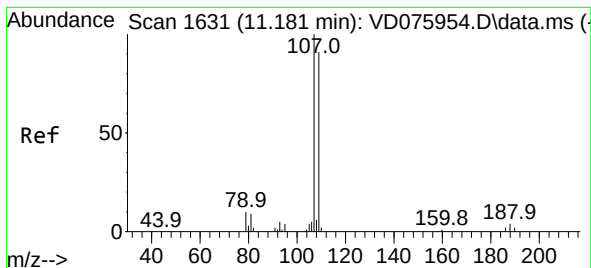
Tgt Ion: 43	Resp: 47421
Ion Ratio	Lower Upper
43 100	
58 66.7	59.7 89.5
57 22.0	17.9 26.9
100 17.9	15.8 23.6



#49
Dibromochloromethane
Concen: 32.018 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Tgt Ion:129	Resp: 52748		
Ion Ratio	Lower	Upper	
129 100			
127 80.3	55.6	103.4	

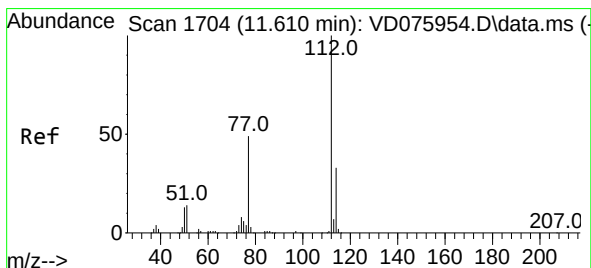
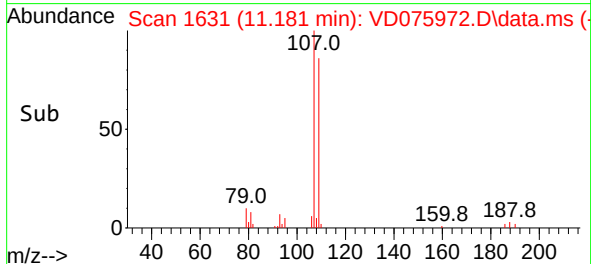
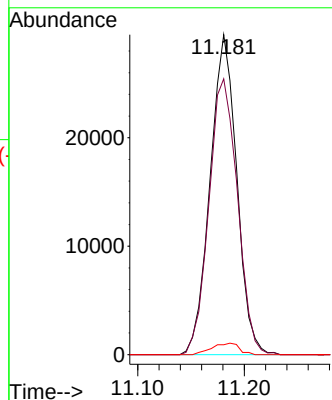
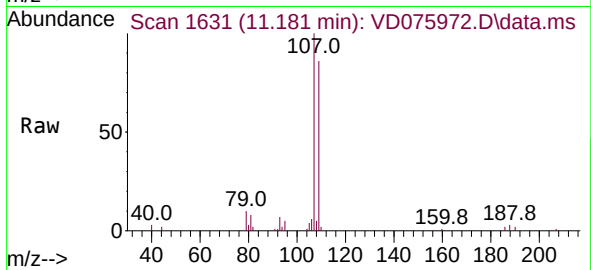




#50
1,2-Dibromoethane
Concen: 37.613 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

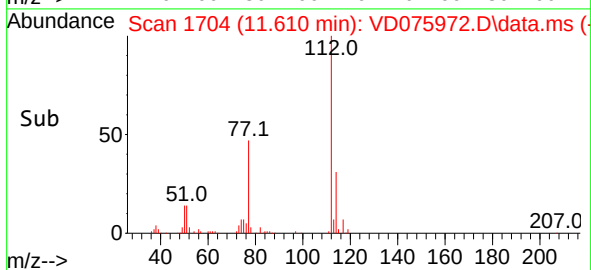
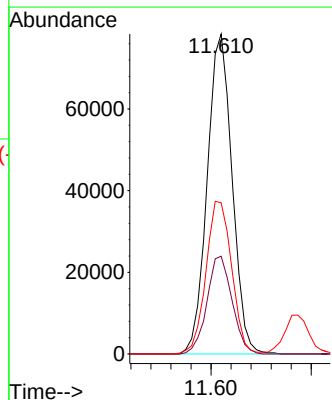
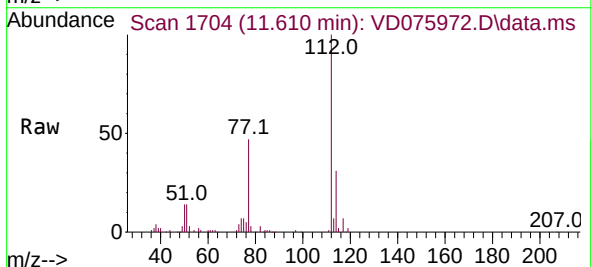
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS

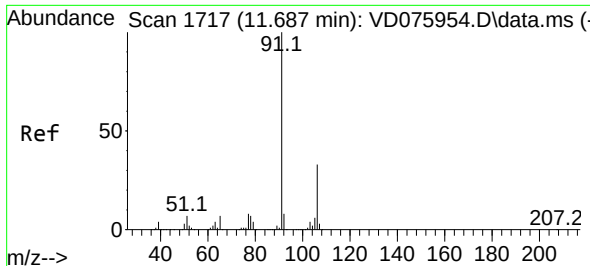
Tgt Ion:107 Resp: 51317
Ion Ratio Lower Upper
107 100
109 86.2 67.6 125.6
188 3.1 3.0 4.6



#51
Chlorobenzene
Concen: 24.680 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Tgt Ion:112 Resp: 135304
Ion Ratio Lower Upper
112 100
114 30.6 23.0 42.8
77 47.3 39.7 59.5

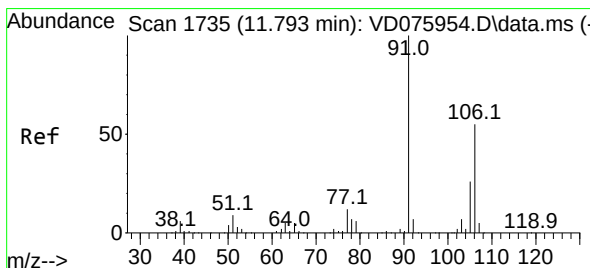
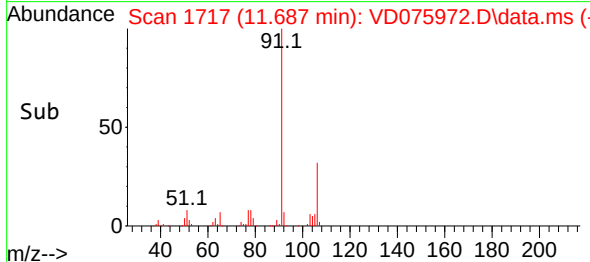
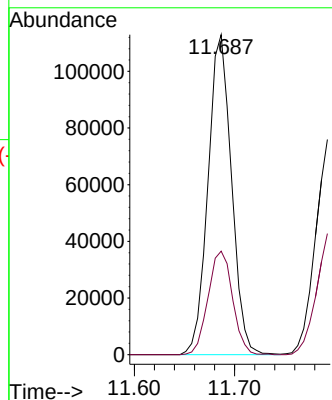
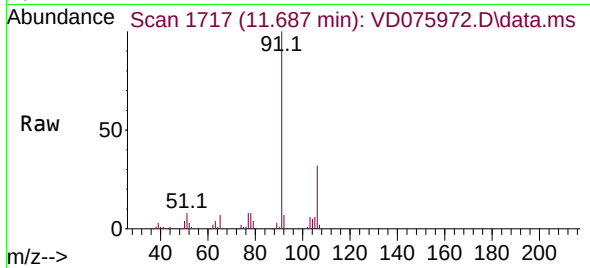




#52
Ethylbenzene
Concen: 21.410 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

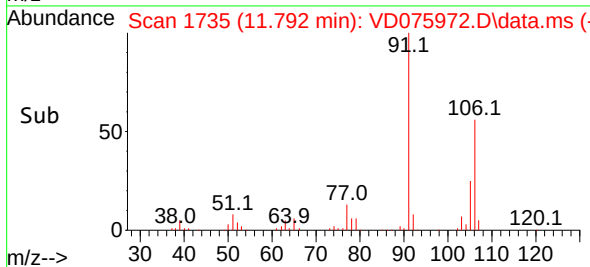
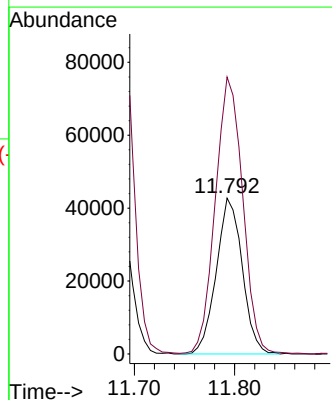
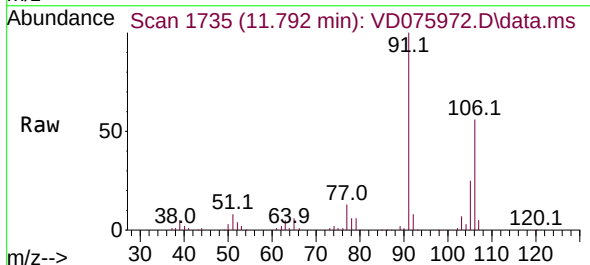
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS

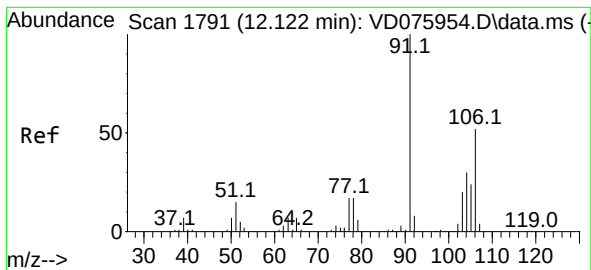
Tgt Ion: 91 Resp: 183984
Ion Ratio Lower Upper
91 100
106 32.4 23.7 43.9



#53
m,p-Xylene
Concen: 22.439 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Tgt Ion: 106 Resp: 76780
Ion Ratio Lower Upper
106 100
91 177.8 130.9 243.1





#54

o-Xylene

Concen: 23.118 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD075972.D

Acq: 02 May 2023 19:01

Instrument :

MSVOA_D

ClientSampleId :

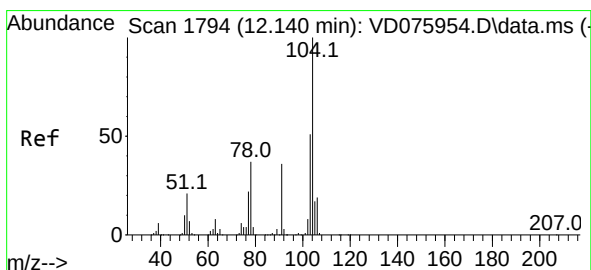
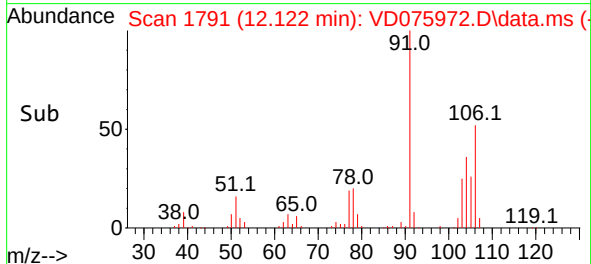
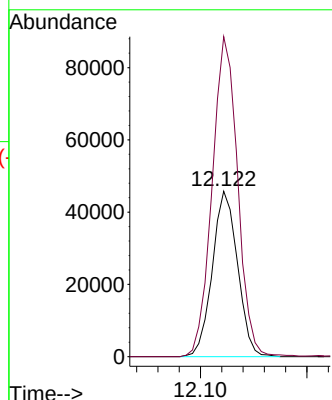
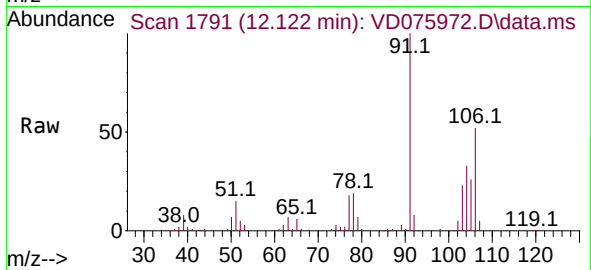
DCCN0MS

Tgt Ion:106 Resp: 75134

Ion Ratio Lower Upper

106 100

91 193.4 139.8 259.6



#55

Styrene

Concen: 24.962 ug/L

RT: 12.140 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VD075972.D

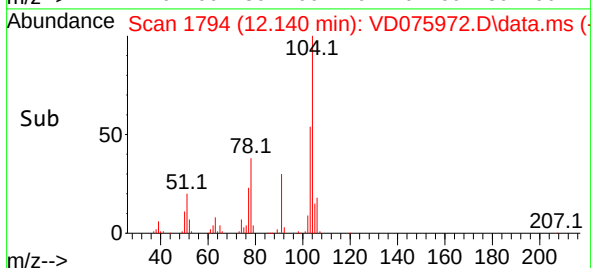
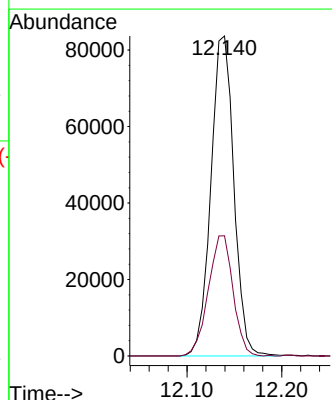
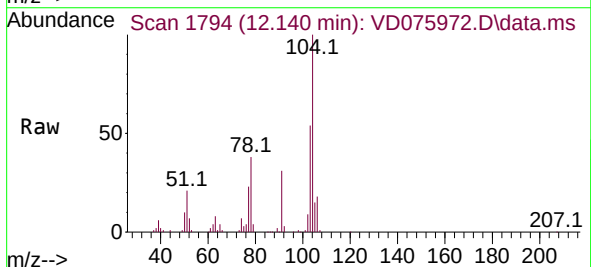
Acq: 02 May 2023 19:01

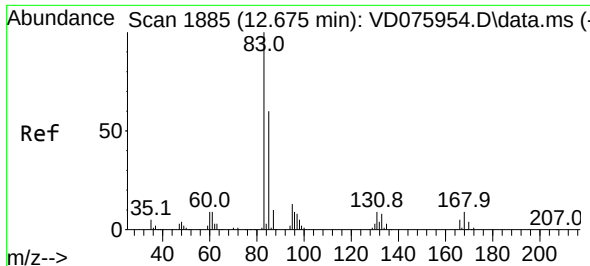
Tgt Ion:104 Resp: 141199

Ion Ratio Lower Upper

104 100

78 37.5 26.2 48.6

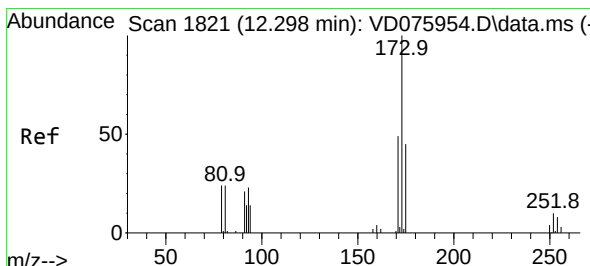
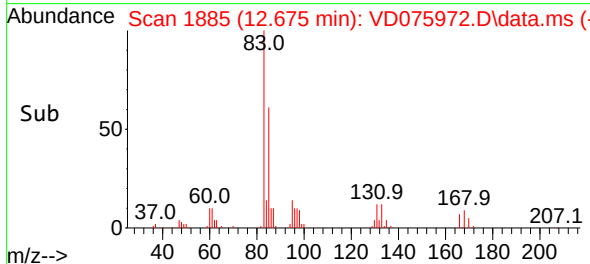
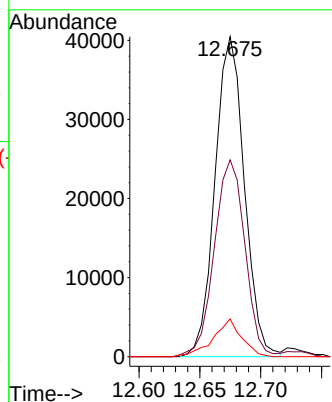
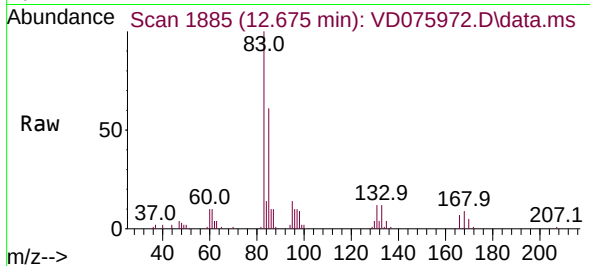




#57
1,1,2,2-Tetrachloroethane
Concen: 44.143 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

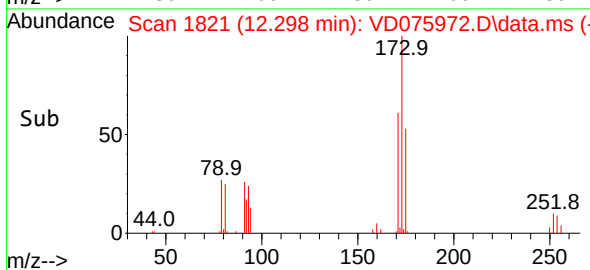
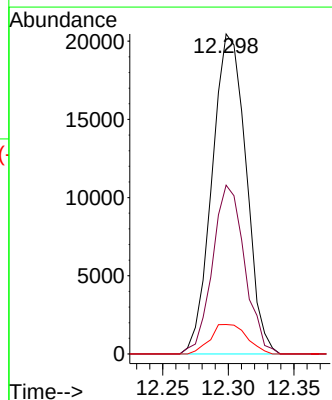
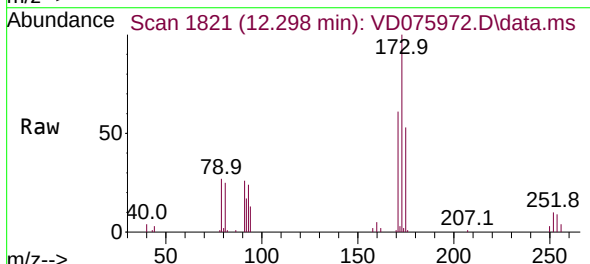
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS

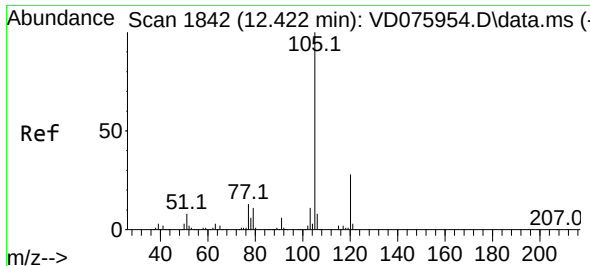
Tgt Ion: 83 Resp: 67970
Ion Ratio Lower Upper
83 100
85 61.5 45.1 83.7
131 11.8 7.0 10.6#



#59
Bromoform
Concen: 37.497 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Tgt Ion: 173 Resp: 36813
Ion Ratio Lower Upper
173 100
175 50.0 39.4 59.0
254 9.9 7.4 11.2

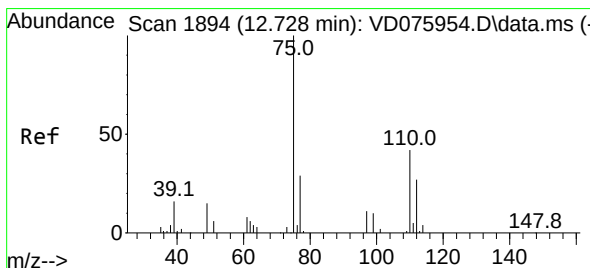
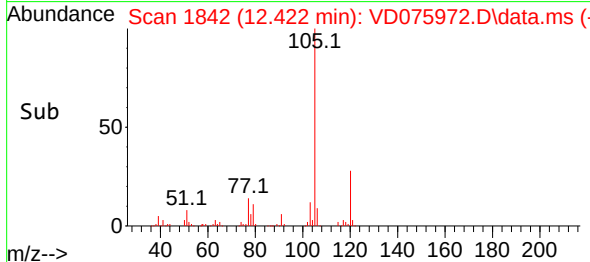
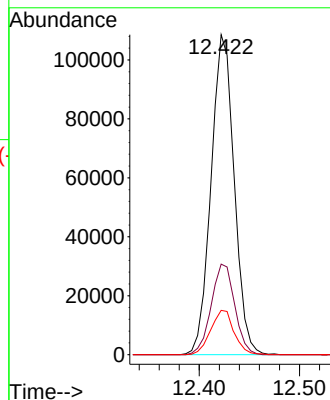
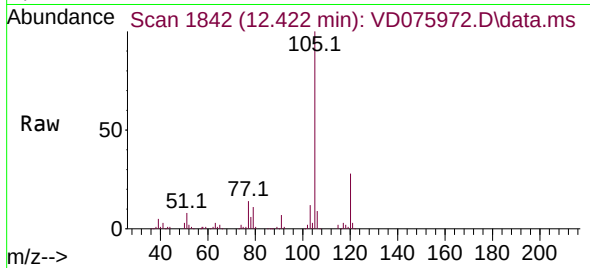




#60
Isopropylbenzene
Concen: 20.483 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

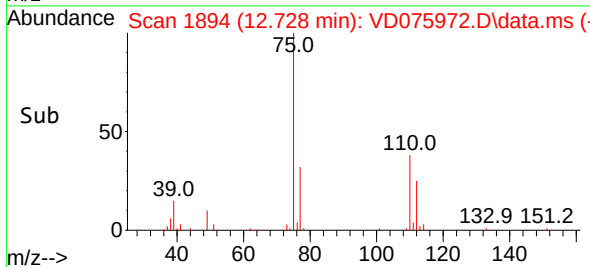
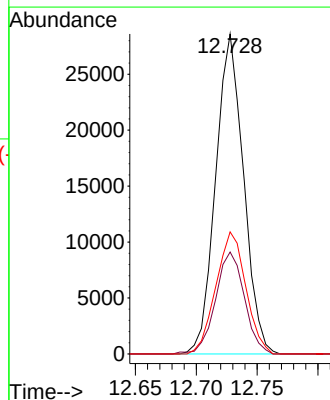
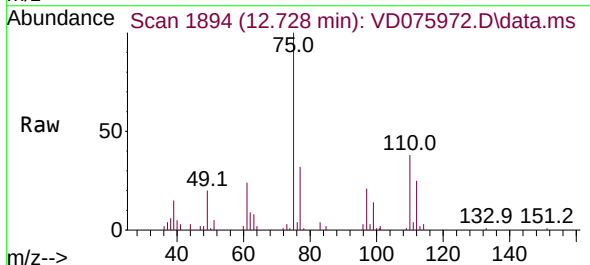
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS

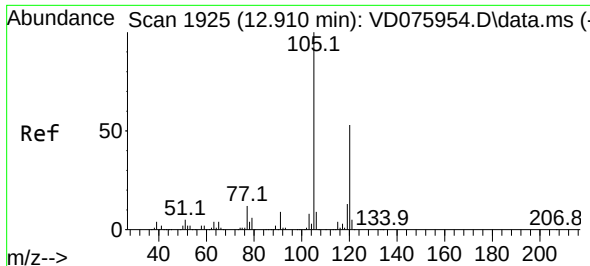
Tgt Ion:105 Resp: 173981
Ion Ratio Lower Upper
105 100
120 28.7 22.7 34.1
77 14.0 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 45.248 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Tgt Ion: 75 Resp: 45533
Ion Ratio Lower Upper
75 100
77 32.8 26.6 39.8
110 40.9 33.5 50.3

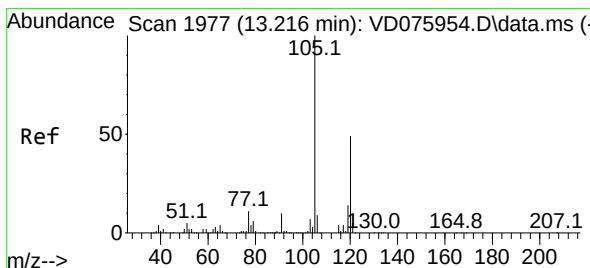
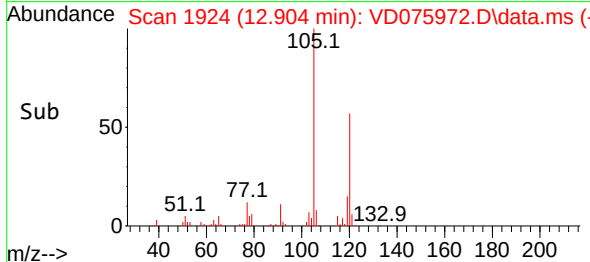
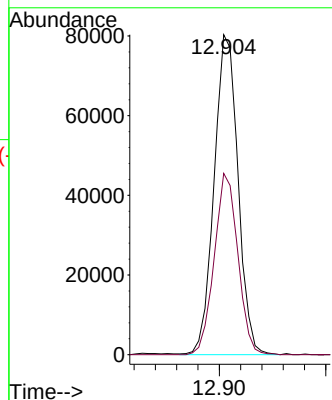
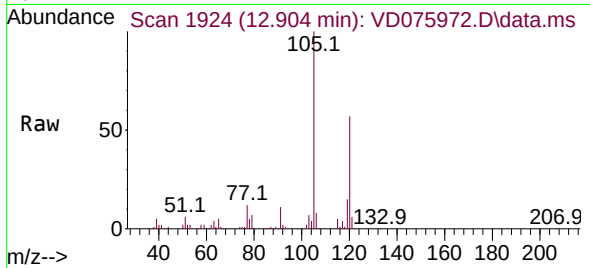




#62
1,3,5-Trimethylbenzene
Concen: 19.709 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

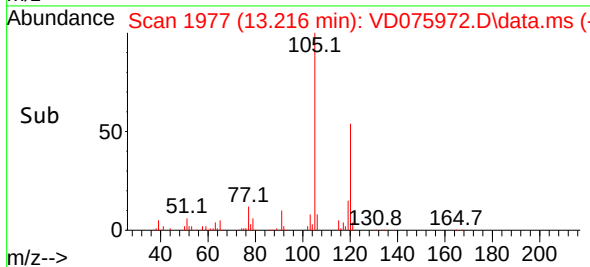
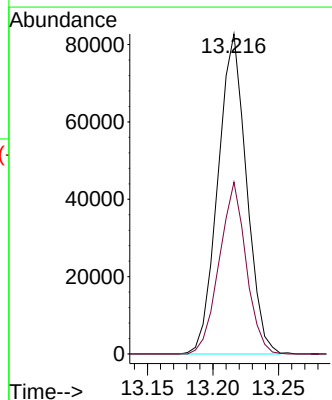
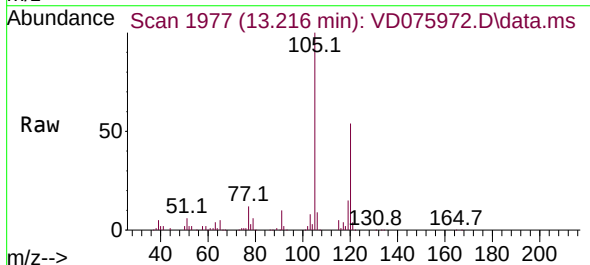
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS

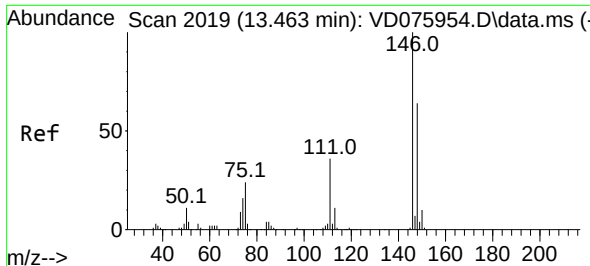
Tgt Ion:105 Resp: 124836
Ion Ratio Lower Upper
105 100
120 56.0 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 20.483 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Tgt Ion:105 Resp: 125060
Ion Ratio Lower Upper
105 100
120 50.6 39.0 58.6

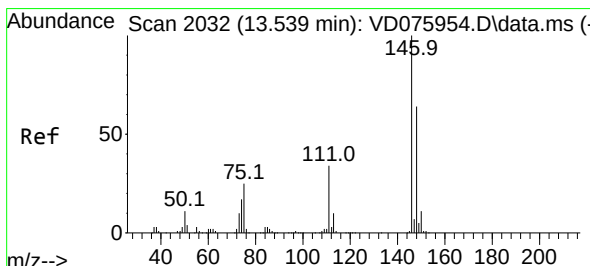
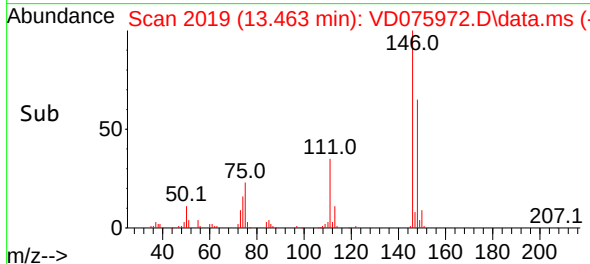
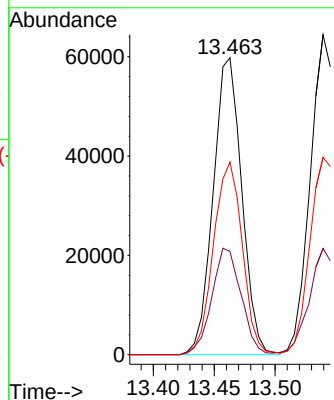
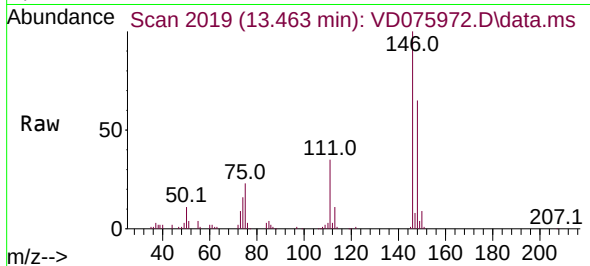




#64
1,3-Dichlorobenzene
Concen: 24.091 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

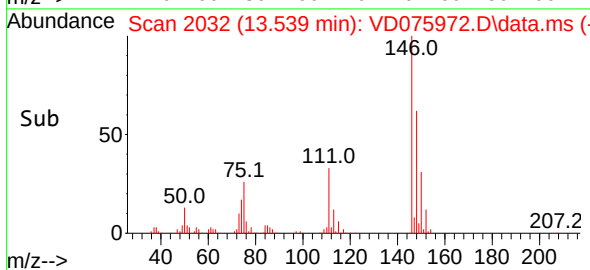
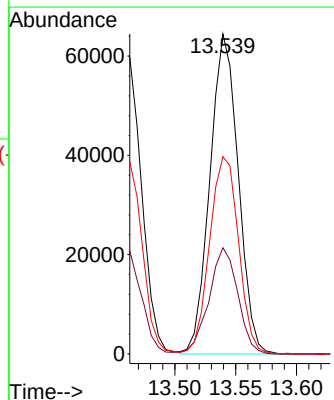
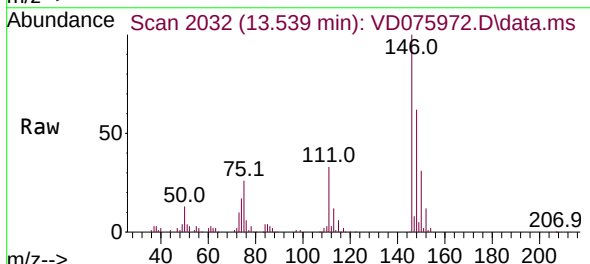
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MS

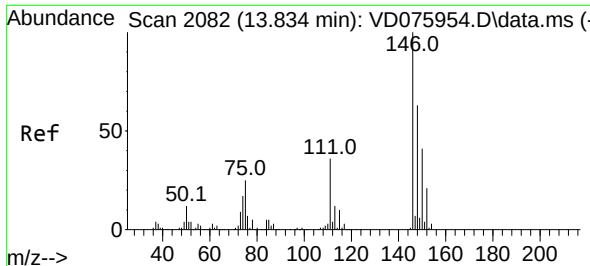
Tgt Ion:146 Resp: 97909
Ion Ratio Lower Upper
146 100
111 34.8 26.5 49.1
148 64.8 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 24.482 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075972.D
Acq: 02 May 2023 19:01

Tgt Ion:146 Resp: 104424
Ion Ratio Lower Upper
146 100
111 33.2 24.6 45.8
148 61.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 26.744 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075972.D

Acq: 02 May 2023 19:01

Instrument :

MSVOA_D

ClientSampleId :

DCCN0MS

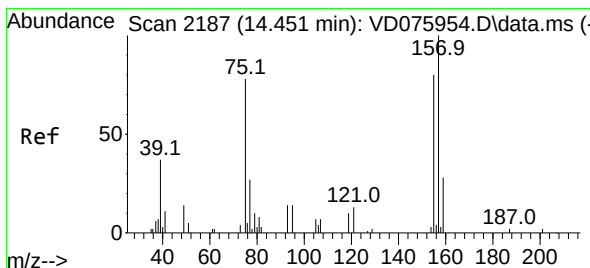
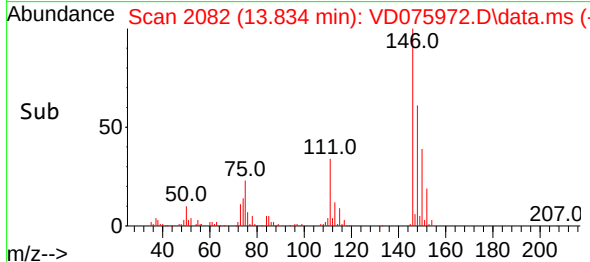
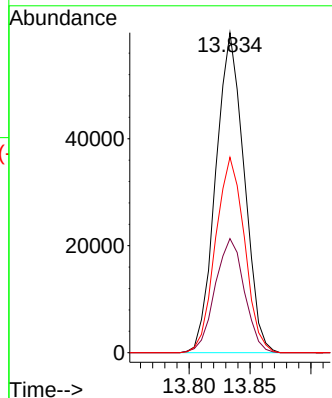
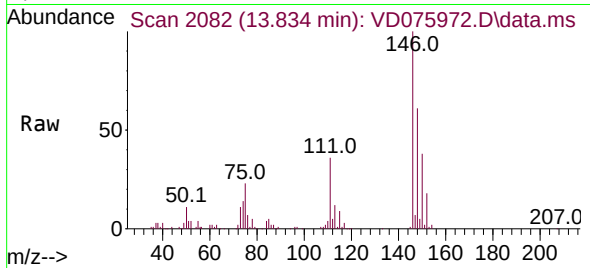
Tgt Ion:146 Resp: 97063

Ion Ratio Lower Upper

146 100

111 35.7 30.6 46.0

148 61.0 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 52.960 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD075972.D

Acq: 02 May 2023 19:01

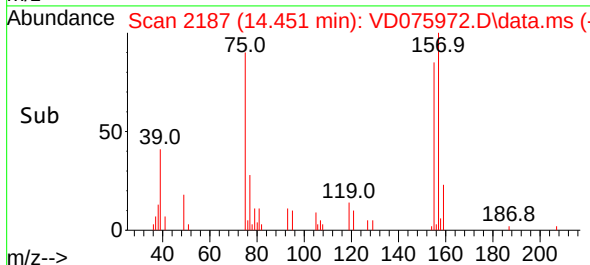
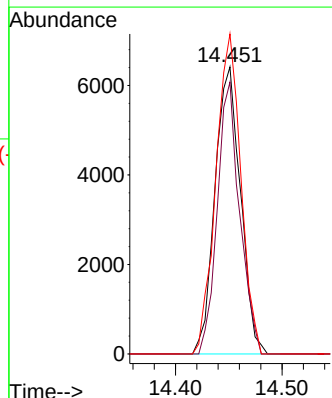
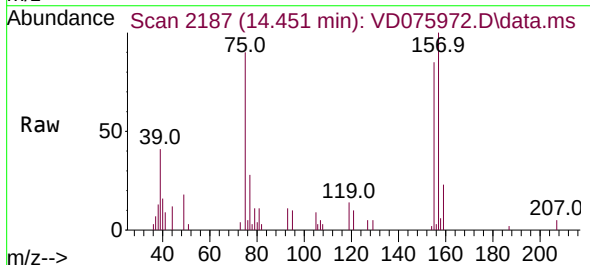
Tgt Ion: 75 Resp: 10654

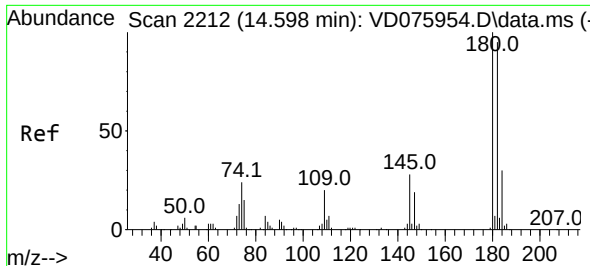
Ion Ratio Lower Upper

75 100

155 94.7 74.6 111.8

157 111.5 109.4 164.2

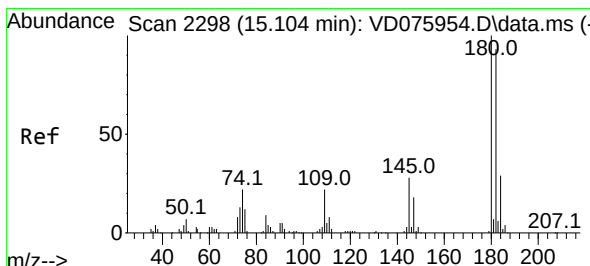
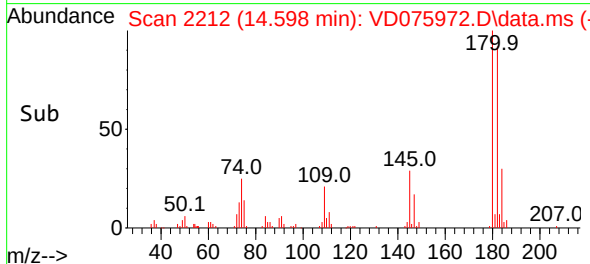
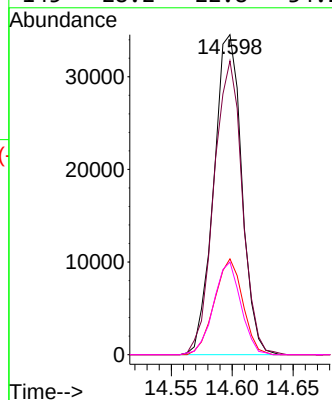
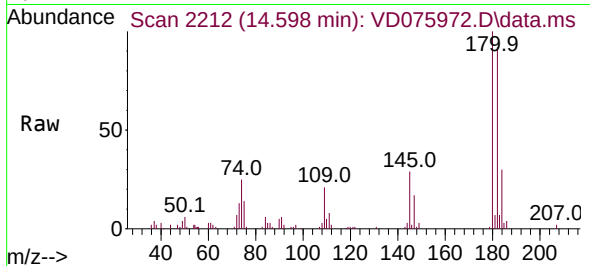




#69
 1,3,5-Trichlorobenzene
 Concen: 20.334 ug/L
 RT: 14.598 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD075972.D
 Acq: 02 May 2023 19:01

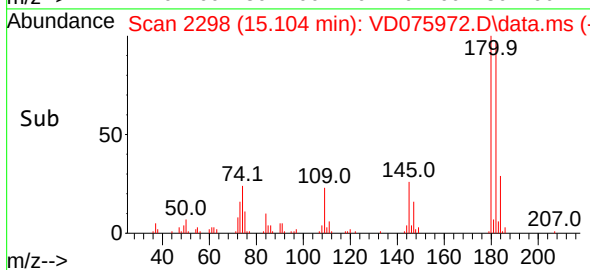
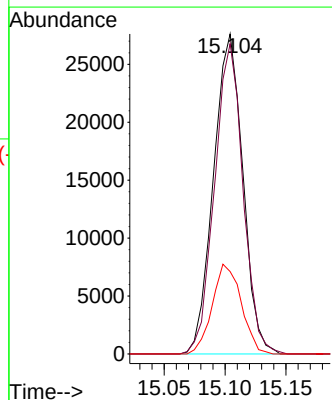
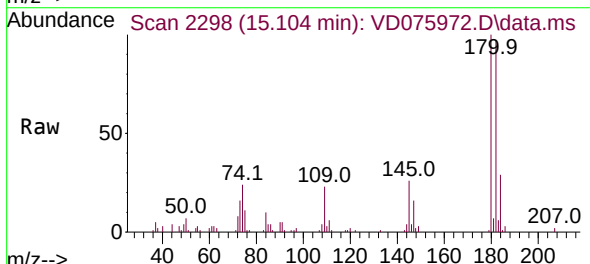
Instrument :
 MSVOA_D
 ClientSampleId :
 DCCN0MS

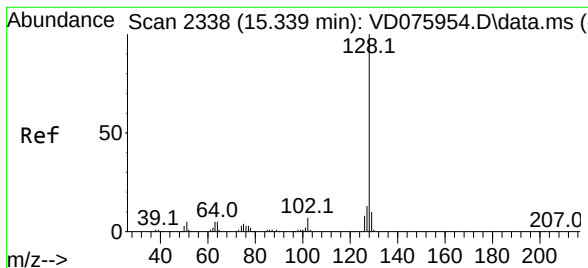
Tgt Ion:180	Resp:	55392
Ion Ratio	Lower	Upper
180	100	
182	93.0	74.9 112.3
184	30.2	25.0 37.4
145	28.2	22.8 34.2



#70
 1,2,4-trichlorobenzene
 Concen: 20.536 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. -0.000 min
 Lab File: VD075972.D
 Acq: 02 May 2023 19:01

Tgt Ion:180	Resp:	46359
Ion Ratio	Lower	Upper
180	100	
182	93.8	75.4 113.2
145	27.7	23.6 35.4





#71

Naphthalene

Concen: 31.026 ug/L

RT: 15.333 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD075972.D

Acq: 02 May 2023 19:01

Instrument :

MSVOA_D

ClientSampleId :

DCCN0MS

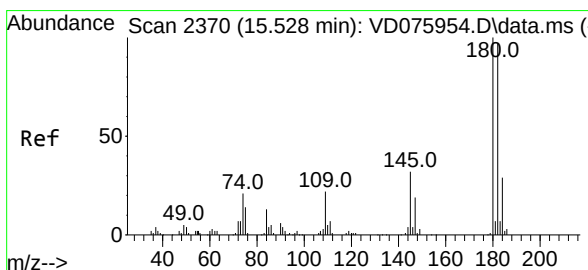
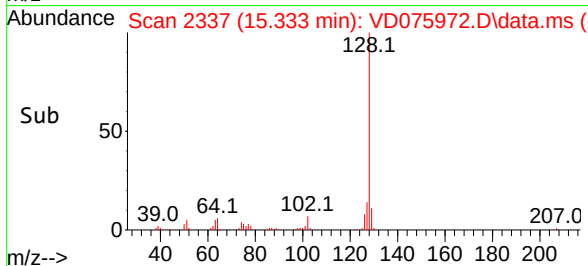
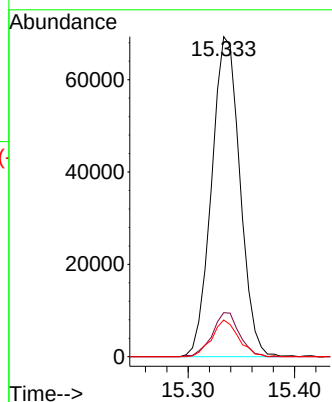
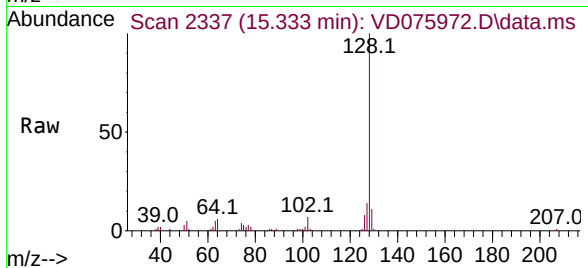
Tgt Ion:128 Resp: 128174

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.7 9.1 13.7



#72

1,2,3-Trichlorobenzene

Concen: 23.615 ug/L

RT: 15.528 min Scan# 2370

Delta R.T. -0.000 min

Lab File: VD075972.D

Acq: 02 May 2023 19:01

Tgt Ion:180 Resp: 47586

Ion Ratio Lower Upper

180 100

182 93.6 76.3 114.5

145 29.2 25.0 37.6

