

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055528.D
 Acq On : 26 Sep 2023 19:52
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 04:52:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 04:44:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	260100	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	265376	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	153400	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	103620	3.942	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.911	69	71988	3.107	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.200%#
11) 1,1-Dichloroethene-d2	2.563	65	46155	4.266	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.628	46	204440	43.056	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.120%
24) Chloroform-d	5.058	84	209765	4.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.698	65	93531	4.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
32) Benzene-d6	5.724	84	417007	4.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.685	67	123517	4.454	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.894	98	385484	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.177	79	46335	4.761	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.631	63	136311	46.044	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	94527	4.548	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	142781	4.612	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	123944	4.895	ug/L	100
3) Chloromethane	1.518	50	101140	4.540	ug/L	99
5) Vinyl chloride	1.602	62	110165	4.584	ug/L	95
6) Bromomethane	1.856	94	56003	3.669	ug/L	100
8) Chloroethane	1.930	64	57223	3.649	ug/L	94
9) Trichlorofluoromethane	2.136	101	149005	4.471	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	101440	5.002	ug/L	96
12) 1,1-Dichloroethene	2.576	96	95866	5.272	ug/L	92
13) Acetone	2.637	43	118776	43.883	ug/L	93
14) Carbon disulfide	2.792	76	288500	5.277	ug/L	99
15) Methyl Acetate	2.949	43	31524	5.108	ug/L	100
16) Methylene chloride	3.042	84	112761	5.175	ug/L	94
17) Methyl tert-butyl Ether	3.357	73	209909	5.321	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	95611	5.216	ug/L	96
19) 1,1-Dichloroethane	3.865	63	177196	5.227	ug/L	97
21) 2-Butanone	4.708	43	199502	50.255	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	110711	5.210	ug/L	98
23) Bromochloromethane	4.972	128	47765	5.318	ug/L	99
25) Chloroform	5.084	83	187333	5.219	ug/L	98

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 ALS Vial : 25 Sample Multiplier: 1

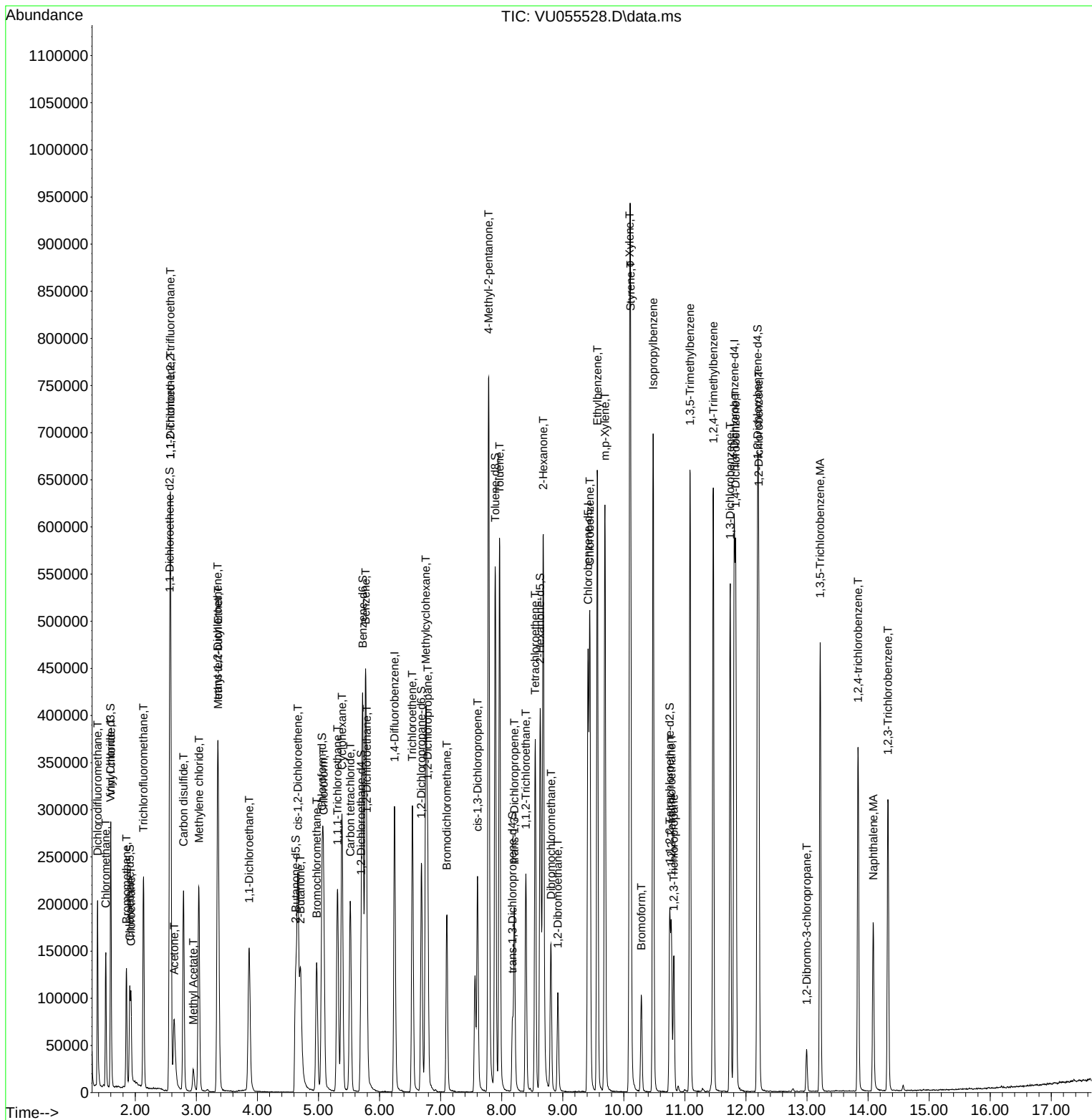
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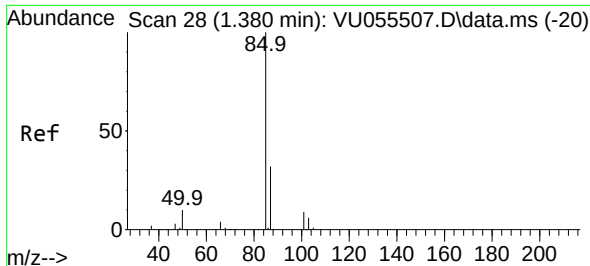
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 04:44:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	105443	4.790	ug/L	# 95
29) 1,1,1-Trichloroethane	5.312	97	165346	5.465	ug/L	97
30) Cyclohexane	5.386	56	150591	5.438	ug/L	96
31) Carbon tetrachloride	5.521	117	146069	5.633	ug/L	97
33) Benzene	5.772	78	410698	5.377	ug/L	100
34) Trichloroethene	6.537	95	111812	5.175	ug/L	98
35) Methylcyclohexane	6.759	83	161427	5.187	ug/L	99
37) 1,2-Dichloropropane	6.788	63	104850	5.249	ug/L	99
38) Bromodichloromethane	7.103	83	128620	5.495	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	148395	5.566	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	476370	52.572	ug/L	96
42) Toluene	7.965	91	446456	5.480	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	119558	5.605	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	76371	5.453	ug/L	98
47) Tetrachloroethene	8.550	164	86608	5.588	ug/L	98
48) 2-Hexanone	8.682	43	353366	50.318	ug/L	92
49) Dibromochloromethane	8.807	129	86158	5.868	ug/L	97
50) 1,2-Dibromoethane	8.920	107	71851	5.528	ug/L	99
51) Chlorobenzene	9.444	112	278256	5.332	ug/L	97
52) Ethylbenzene	9.566	91	472648	5.412	ug/L	99
53) m,p-Xylene	9.692	106	181918	5.558	ug/L	100
54) o-Xylene	10.097	106	179971	5.655	ug/L	94
55) Styrene	10.113	104	299576	5.822	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	88422	5.592	ug/L	96
59) Bromoform	10.286	173	49190	5.983	ug/L	98
60) Isopropylbenzene	10.483	105	471078	5.328	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	62357	5.207	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	380285	5.379	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	366042	5.289	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	225758	5.334	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	220885	5.221	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	212514	5.476	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	11938	5.751	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	152834	5.243	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	114778	5.165	ug/L	100
71) Naphthalene	14.087	128	153027	4.756	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	102277	5.289	ug/L	97

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

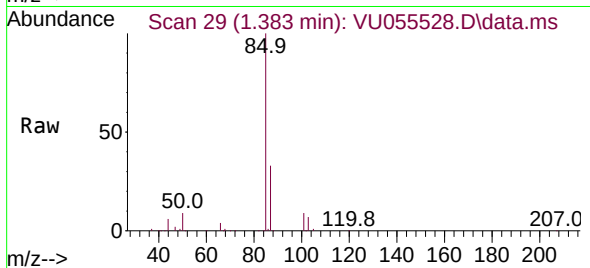
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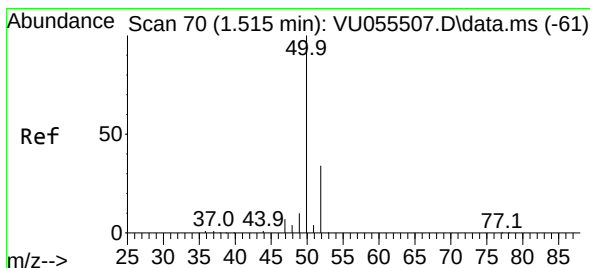
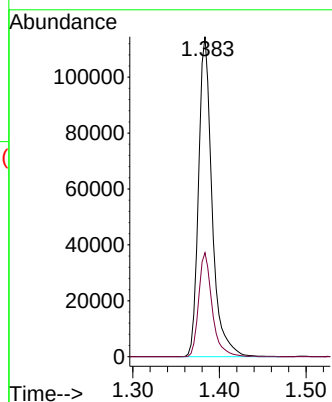
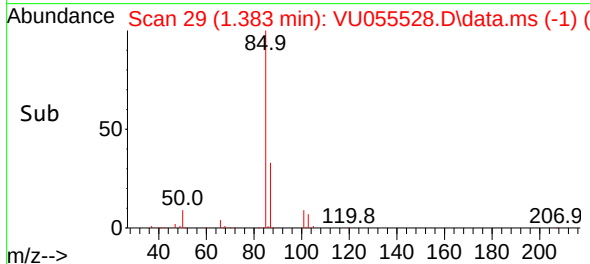


#2
Dichlorodifluoromethane
Concen: 4.895 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

Instrument :
MSVOA_U
ClientSampleId :

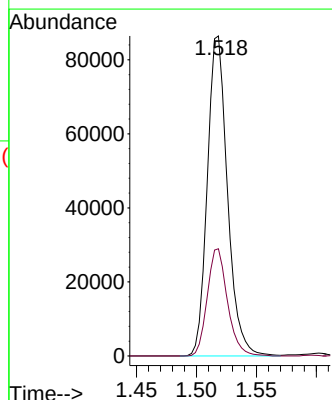
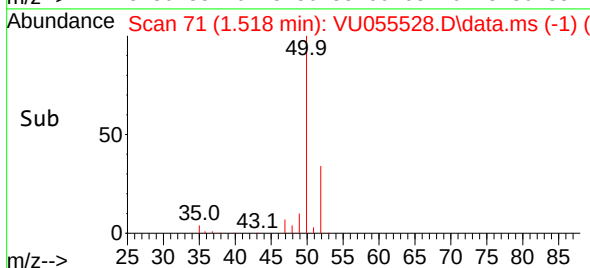
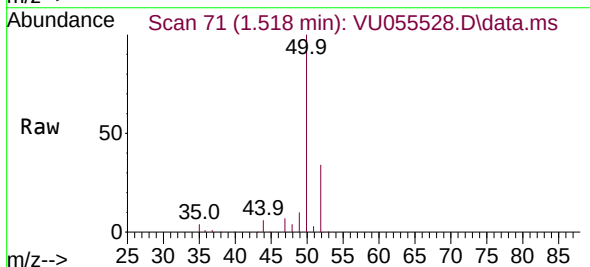


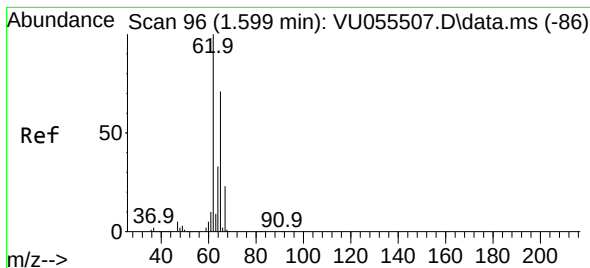
Tgt Ion: 85 Resp: 123944
Ion Ratio Lower Upper
85 100
87 32.4 26.0 39.0



#3
Chloromethane
Concen: 4.540 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

Tgt Ion: 50 Resp: 101140
Ion Ratio Lower Upper
50 100
52 33.5 22.9 42.5





#5

Vinyl chloride

Concen: 4.584 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU055528.D

Acq: 26 Sep 2023 19:52

Instrument :

MSVOA_U

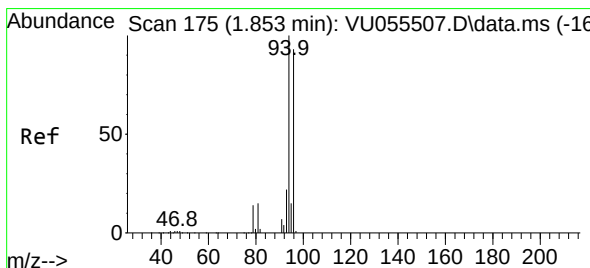
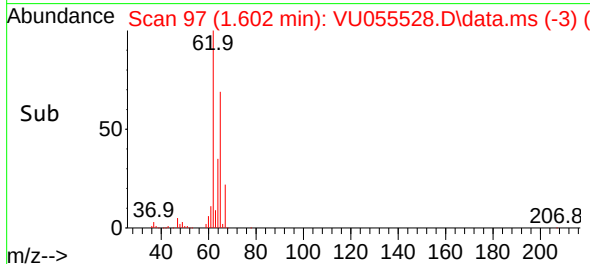
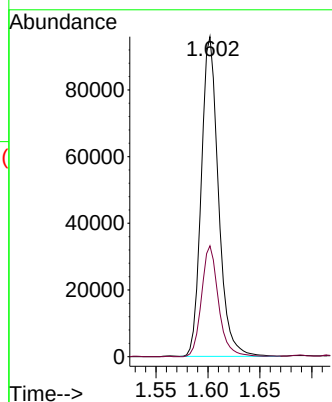
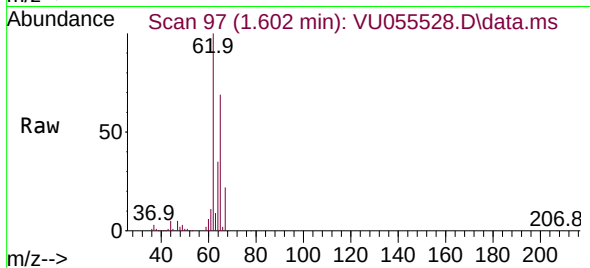
ClientSampleId :

Tgt Ion: 62 Resp: 110165

Ion Ratio Lower Upper

62 100

64 34.7 22.3 41.5



#6

Bromomethane

Concen: 3.669 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.003 min

Lab File: VU055528.D

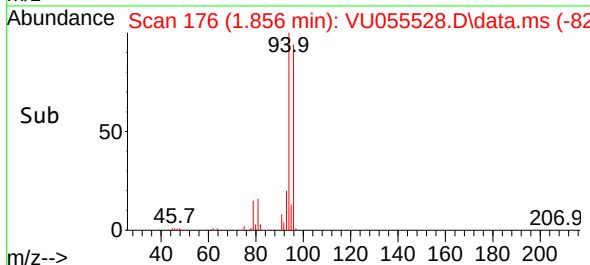
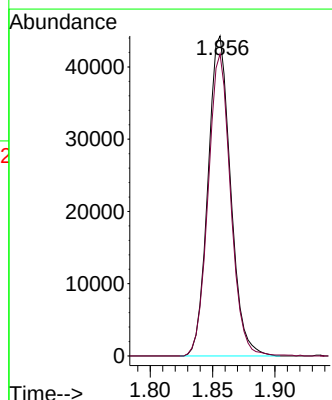
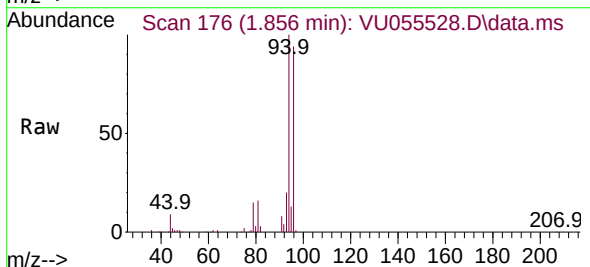
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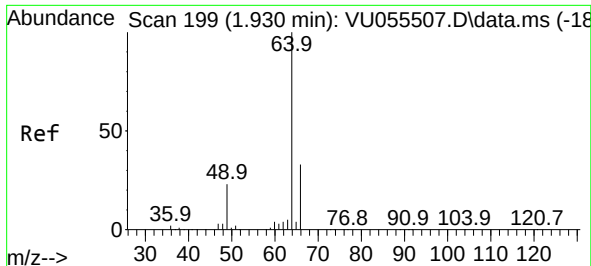
Tgt Ion: 94 Resp: 56003

Ion Ratio Lower Upper

94 100

96 94.4 66.4 123.2

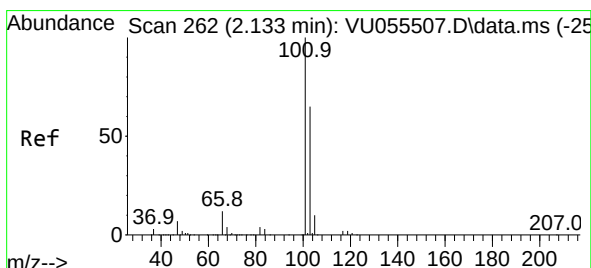
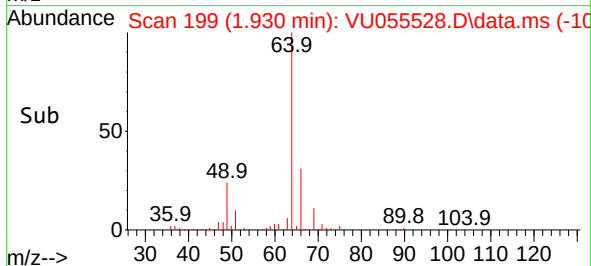
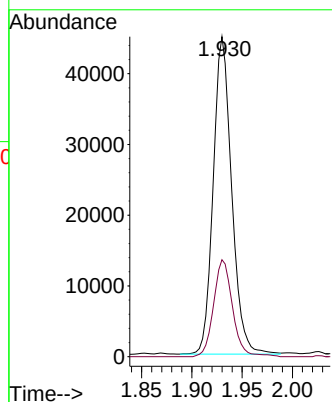
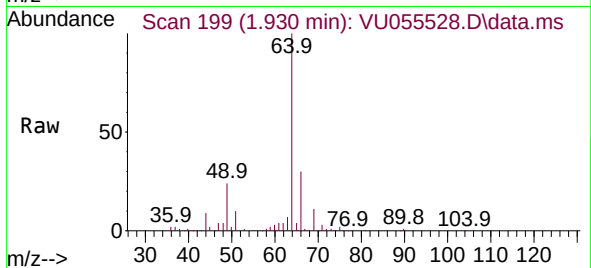




#8
Chloroethane
Concen: 3.649 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

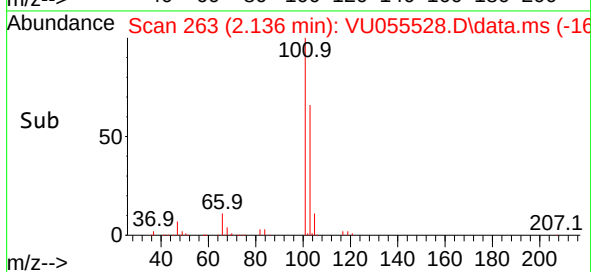
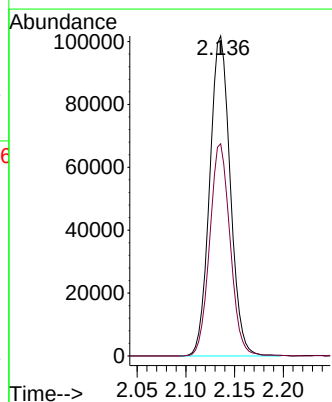
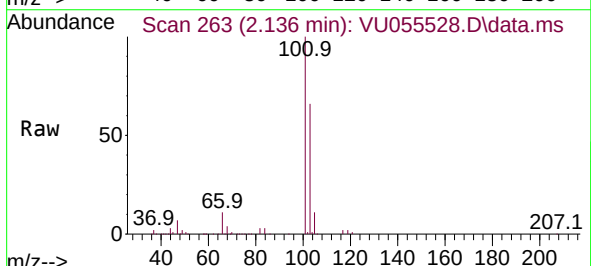
Instrument :
MSVOA_U
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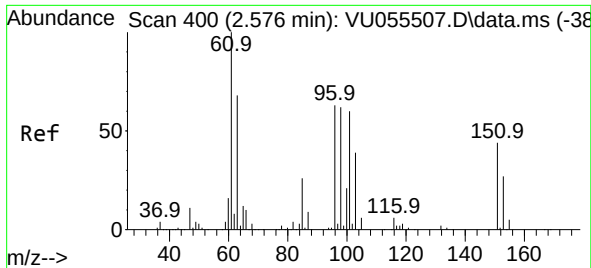
Tgt Ion: 64 Resp: 57223
Ion Ratio Lower Upper
64 100
66 30.3 23.7 44.1



#9
Trichlorofluoromethane
Concen: 4.471 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

Tgt Ion:101 Resp: 149005
Ion Ratio Lower Upper
101 100
103 65.8 52.0 78.0

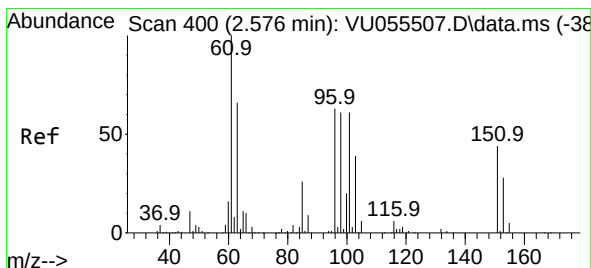
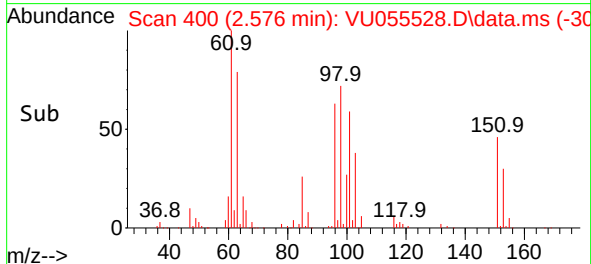
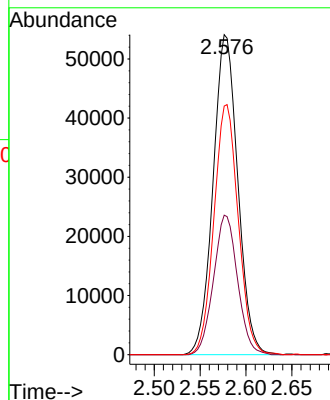
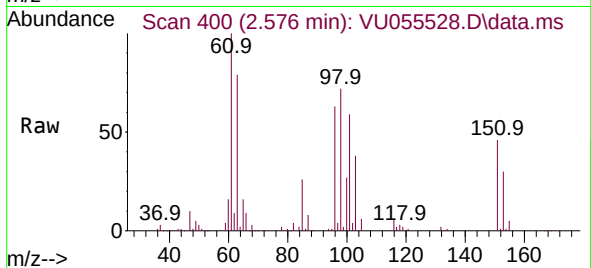




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.002 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055528.D
 Acq: 26 Sep 2023 19:52

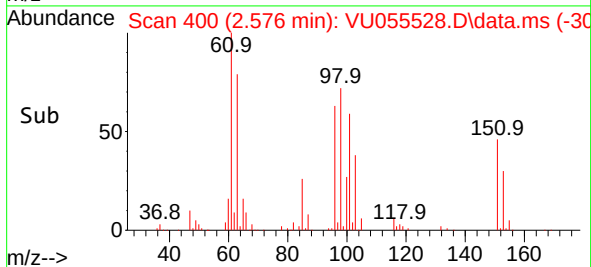
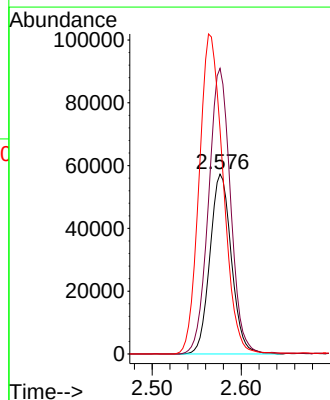
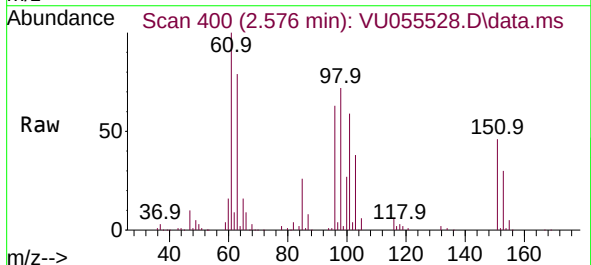
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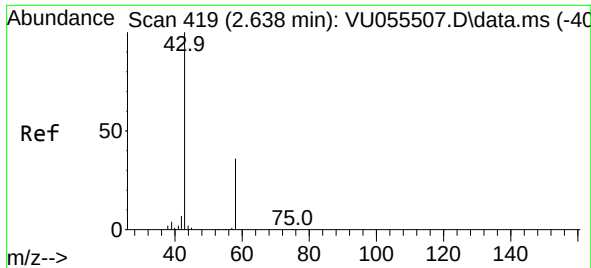
Tgt Ion:101 Resp: 101440
 Ion Ratio Lower Upper
 101 100
 85 42.3 35.8 53.6
 151 76.8 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 5.272 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055528.D
 Acq: 26 Sep 2023 19:52

Tgt Ion: 96 Resp: 95866
 Ion Ratio Lower Upper
 96 100
 61 158.8 114.5 212.7
 63 124.9 98.3 182.5





#13

Acetone

Concen: 43.883 ug/L

RT: 2.637 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU055528.D

Acq: 26 Sep 2023 19:52

Instrument :

MSVOA_U

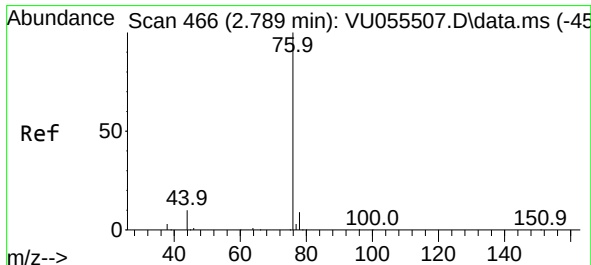
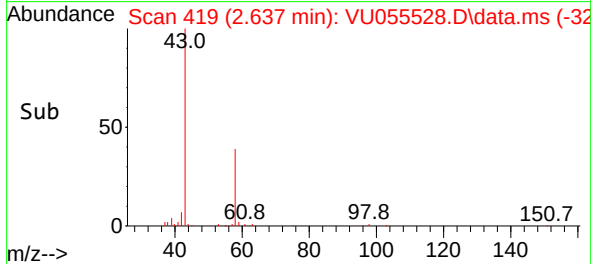
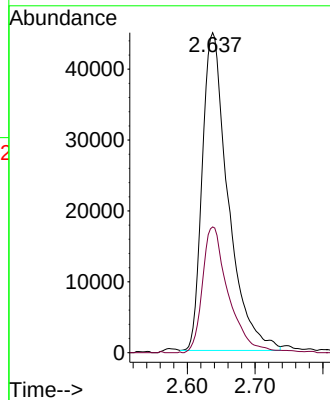
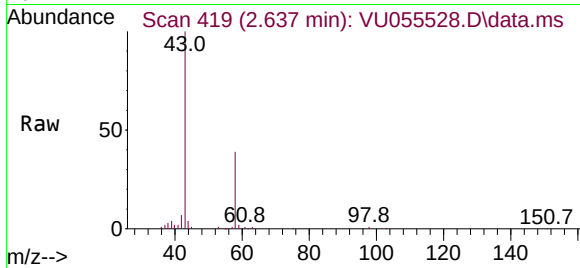
ClientSampleId :

Tgt Ion: 43 Resp: 118776

Ion Ratio Lower Upper

43 100

58 40.0 0.0 72.2



#14

Carbon disulfide

Concen: 5.277 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU055528.D

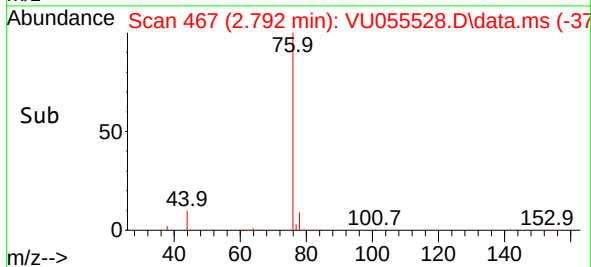
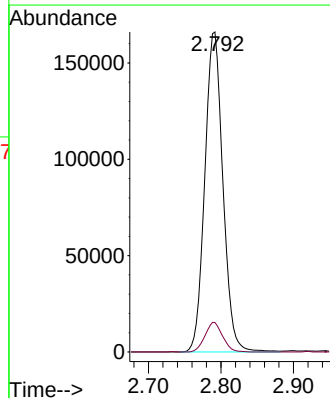
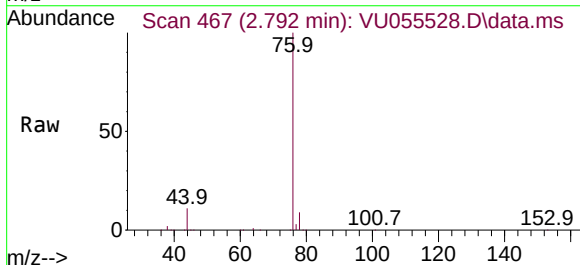
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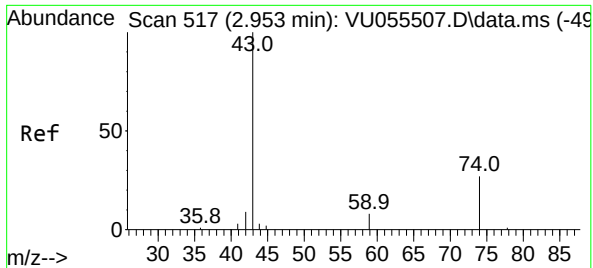
Tgt Ion: 76 Resp: 288500

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5

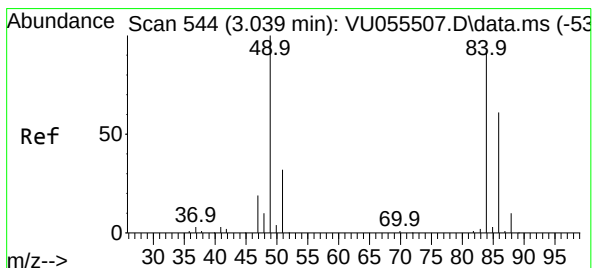
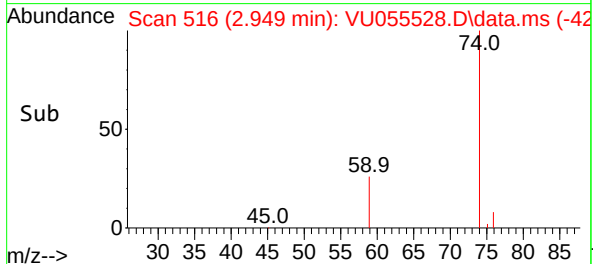
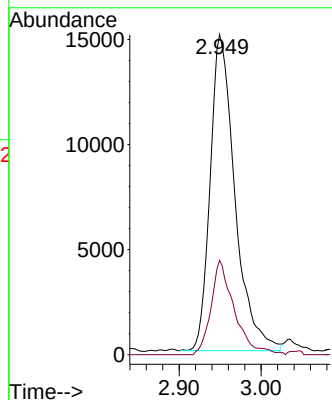
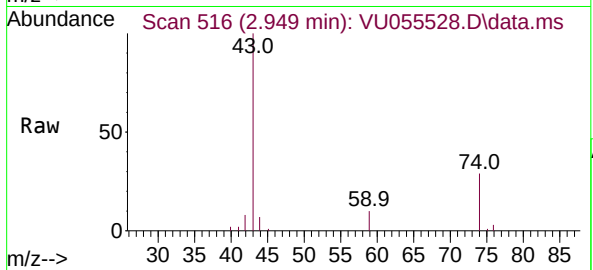




#15
Methyl Acetate
Concen: 5.108 ug/L
RT: 2.949 min Scan# 51
Delta R.T. -0.004 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

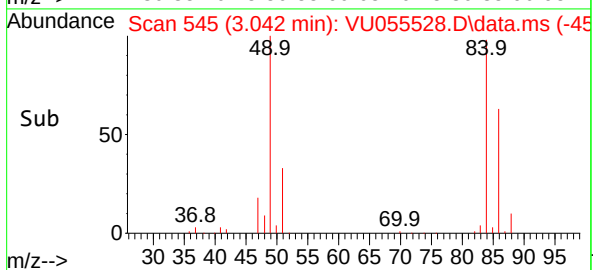
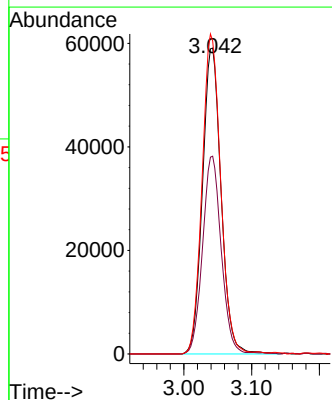
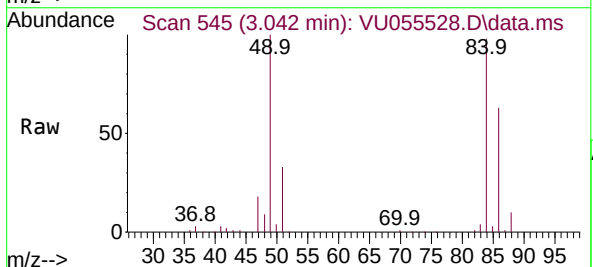
Instrument :
MSVOA_U
ClientSampleId :

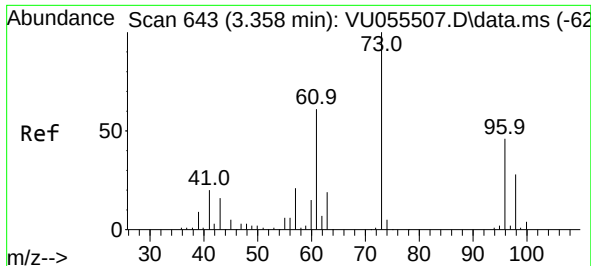
Tgt Ion: 43 Resp: 31524
Ion Ratio Lower Upper
43 100
74 28.0 22.3 33.5



#16
Methylene chloride
Concen: 5.175 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

Tgt Ion: 84 Resp: 112761
Ion Ratio Lower Upper
84 100
86 64.7 44.9 83.3
49 102.3 78.8 146.3

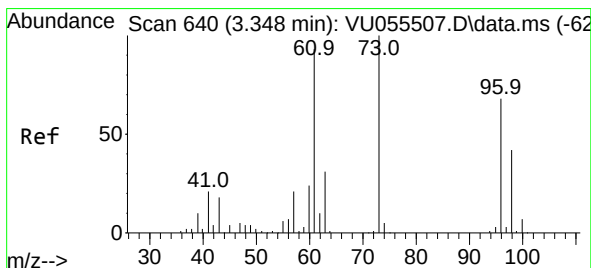
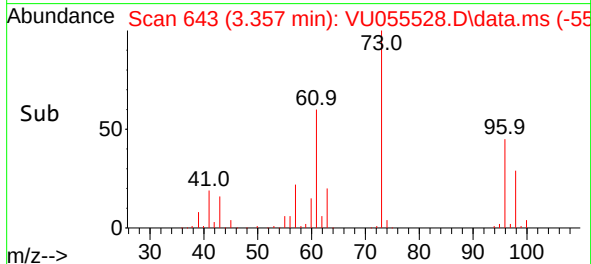
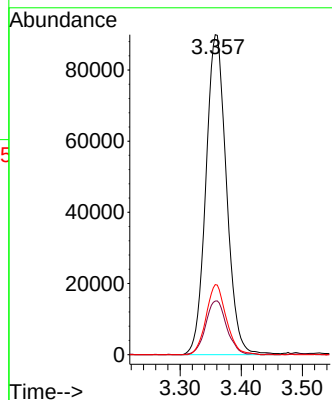
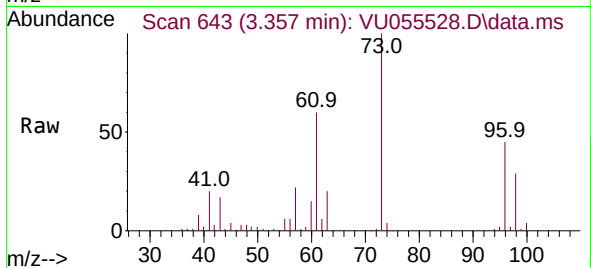




#17
Methyl tert-butyl Ether
Concen: 5.321 ug/L
RT: 3.357 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

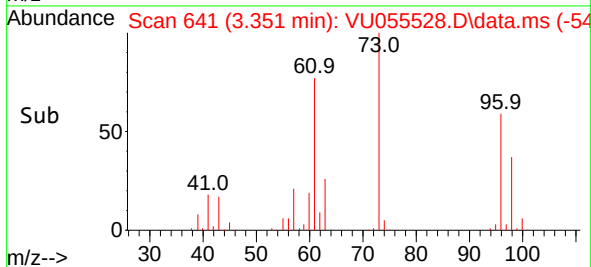
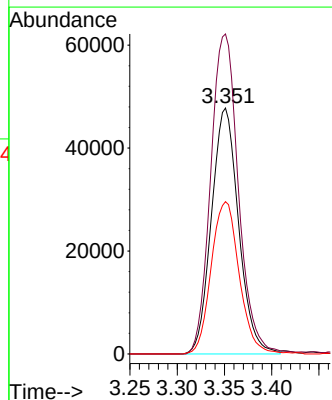
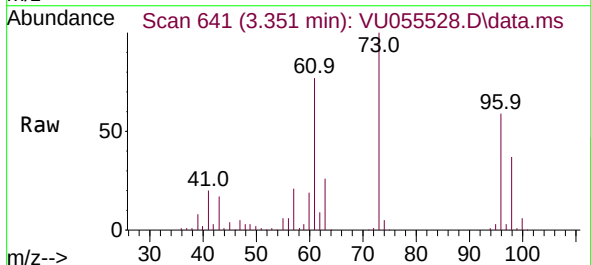
Instrument :
MSVOA_U
ClientSampleId :

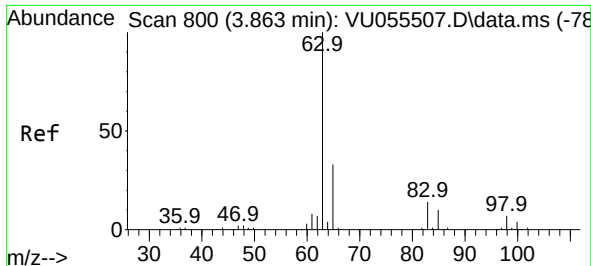
Tgt Ion: 73 Resp: 209909
Ion Ratio Lower Upper
73 100
43 17.1 14.9 22.3
57 21.5 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 5.216 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

Tgt Ion: 96 Resp: 95611
Ion Ratio Lower Upper
96 100
61 130.1 94.6 175.6
98 61.9 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.227 ug/L

RT: 3.865 min Scan# 800

Delta R.T. 0.003 min

Lab File: VU055528.D

Acq: 26 Sep 2023 19:52

Instrument :

MSVOA_U

ClientSampleId :

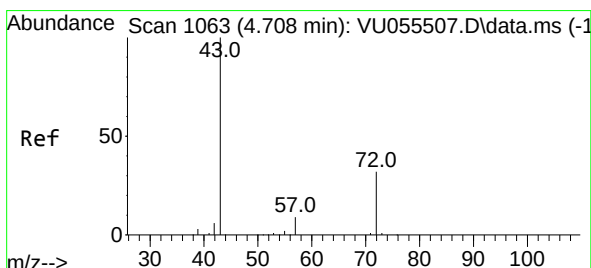
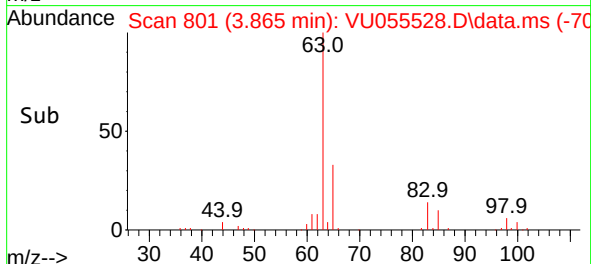
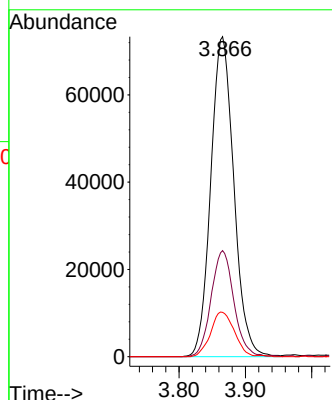
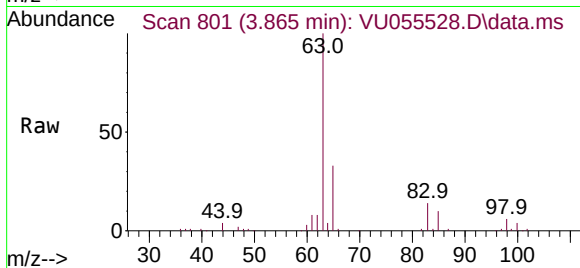
Tgt Ion: 63 Resp: 177196

Ion Ratio Lower Upper

63 100

65 33.1 22.0 41.0

83 13.9 10.1 18.9



#21

2-Butanone

Concen: 50.255 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VU055528.D

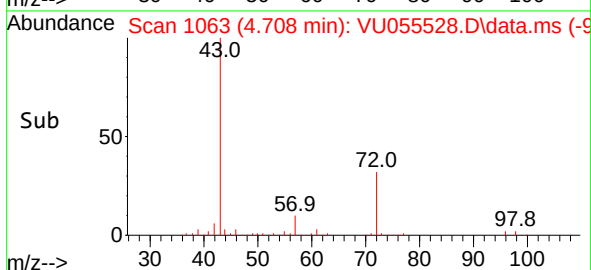
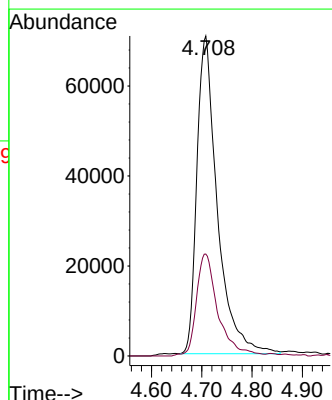
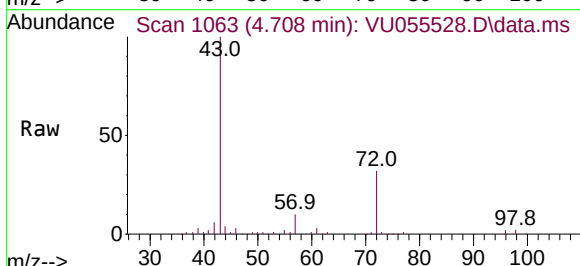
Acq: 26 Sep 2023 19:52

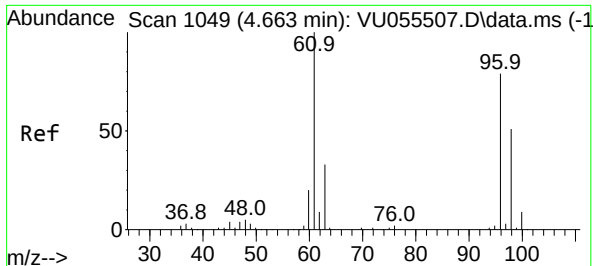
Tgt Ion: 43 Resp: 199502

Ion Ratio Lower Upper

43 100

72 33.8 15.1 45.3

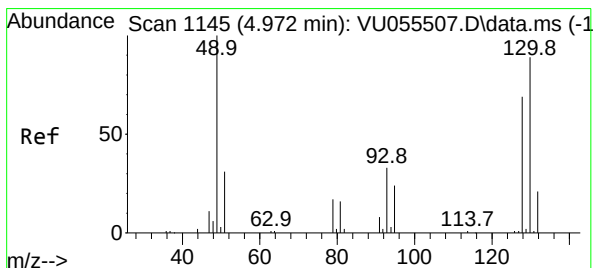
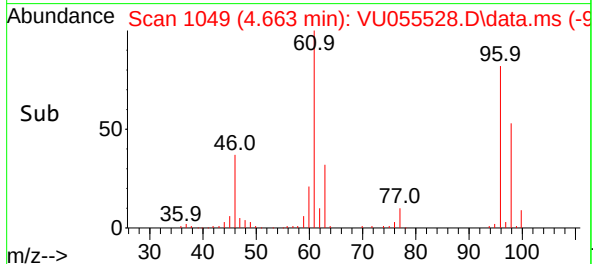
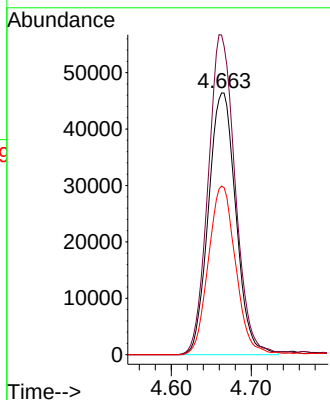
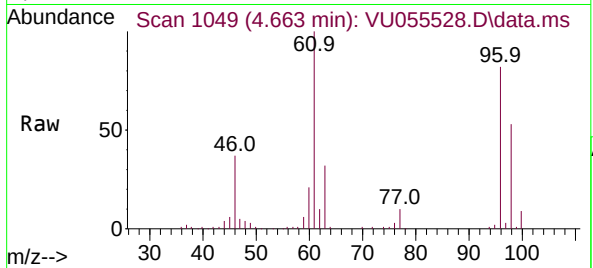




#22
 cis-1,2-Dichloroethene
 Concen: 5.210 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055528.D
 Acq: 26 Sep 2023 19:52

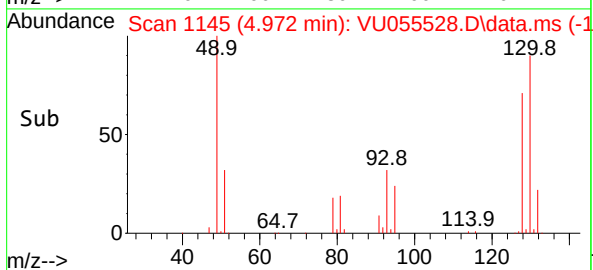
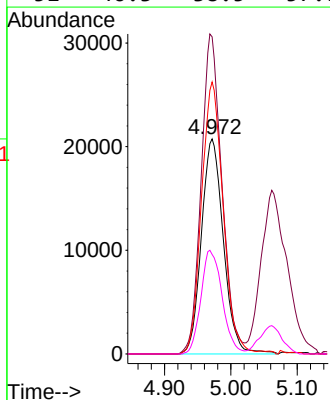
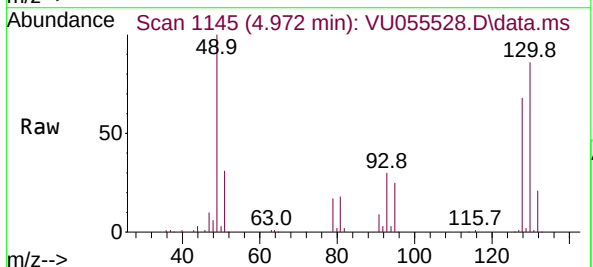
Instrument :
 MSVOA_U
 ClientSampleId :

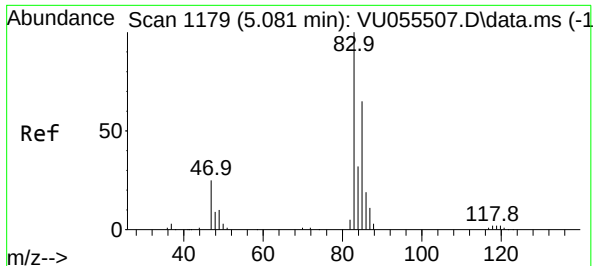
Tgt Ion: 96 Resp: 110711
 Ion Ratio Lower Upper
 96 100
 61 122.1 87.8 163.2
 98 64.4 44.4 82.4



#23
 Bromochloromethane
 Concen: 5.318 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. -0.000 min
 Lab File: VU055528.D
 Acq: 26 Sep 2023 19:52

Tgt Ion: 128 Resp: 47765
 Ion Ratio Lower Upper
 128 100
 49 147.5 102.8 191.0
 130 126.4 89.9 166.9
 51 46.3 38.5 57.7





#25

Chloroform

Concen: 5.219 ug/L

RT: 5.084 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VU055528.D

Acq: 26 Sep 2023 19:52

Instrument :

MSVOA_U

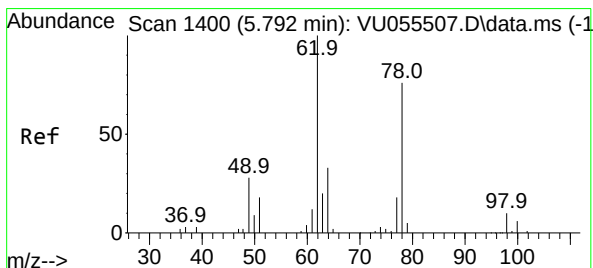
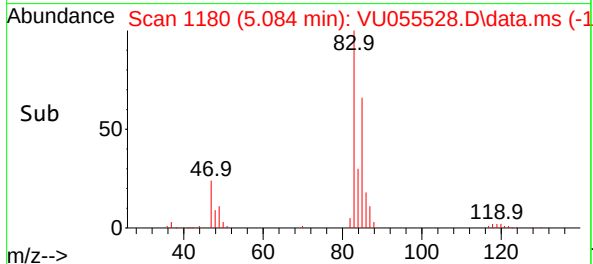
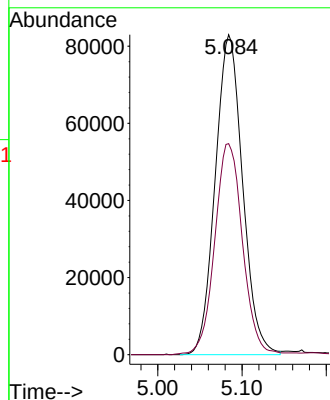
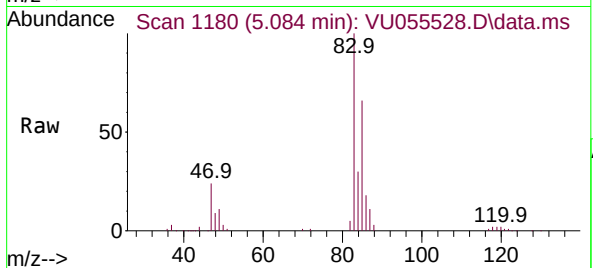
ClientSampleId :

Tgt Ion: 83 Resp: 187333

Ion Ratio Lower Upper

83 100

85 66.0 44.9 83.5



#27

1,2-Dichloroethane

Concen: 4.790 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU055528.D

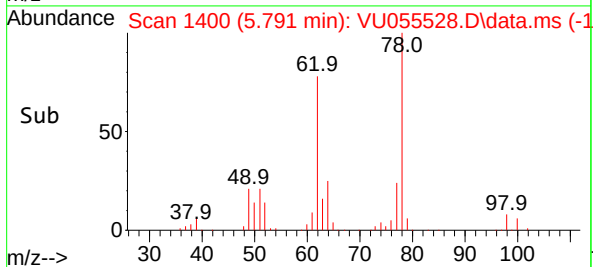
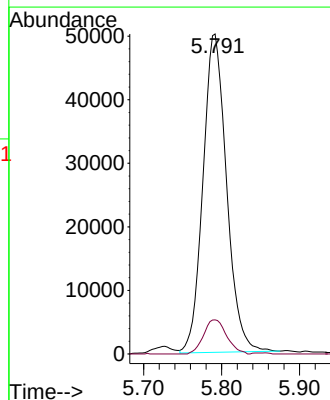
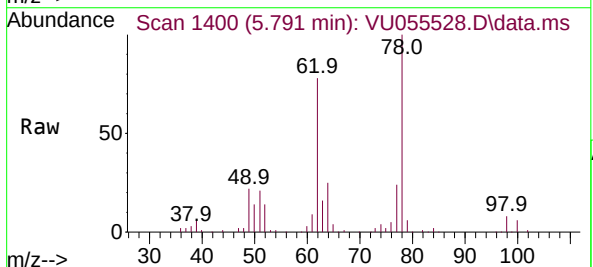
Acq: 26 Sep 2023 19:52

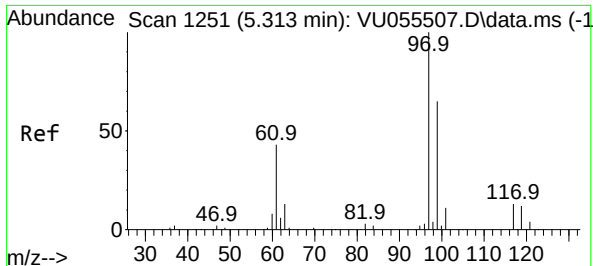
Tgt Ion: 62 Resp: 105443

Ion Ratio Lower Upper

62 100

98 10.6 7.0 10.4#

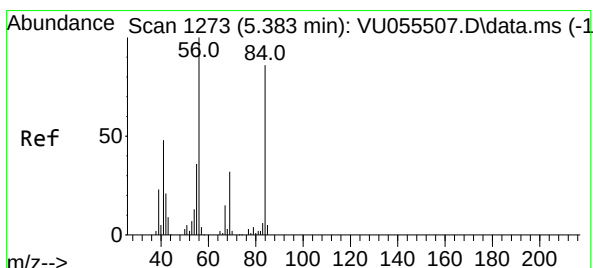
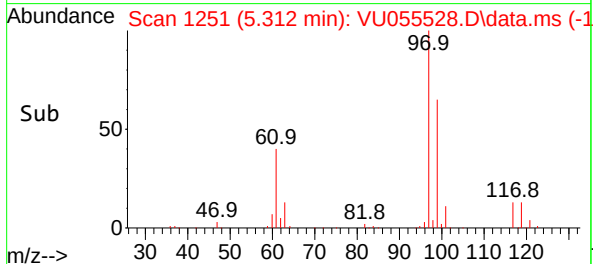
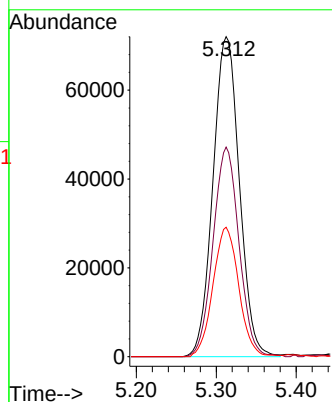
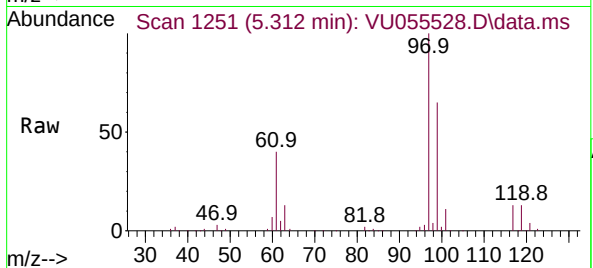




#29
1,1,1-Trichloroethane
Concen: 5.465 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

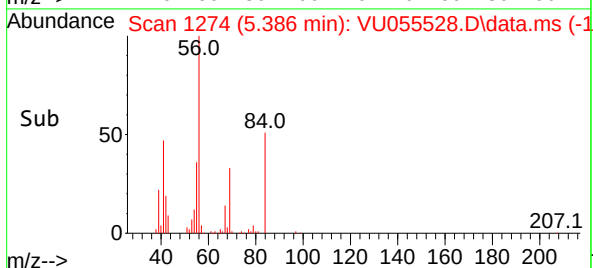
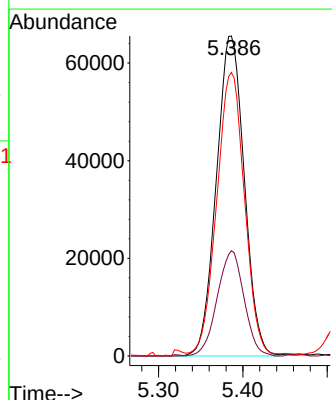
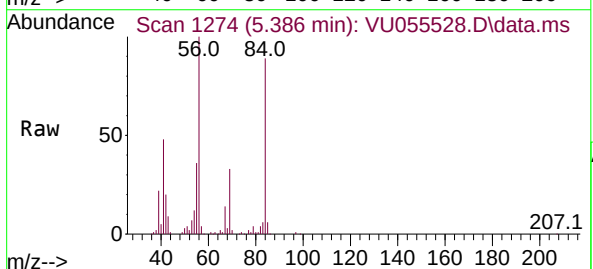
Instrument :
MSVOA_U
ClientSampleId :

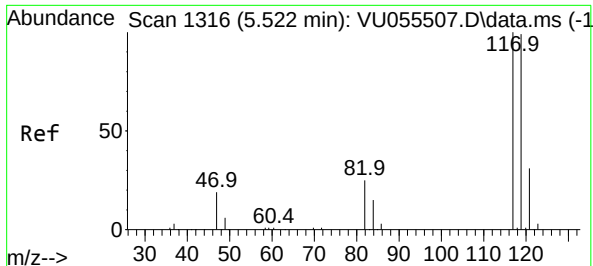
Tgt Ion: 97 Resp: 165346
Ion Ratio Lower Upper
97 100
99 64.3 50.7 76.1
61 39.5 34.6 51.8



#30
Cyclohexane
Concen: 5.438 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

Tgt Ion: 56 Resp: 150591
Ion Ratio Lower Upper
56 100
69 31.5 26.5 39.7
84 86.5 72.6 108.8

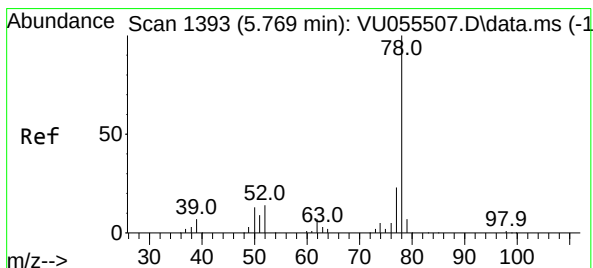
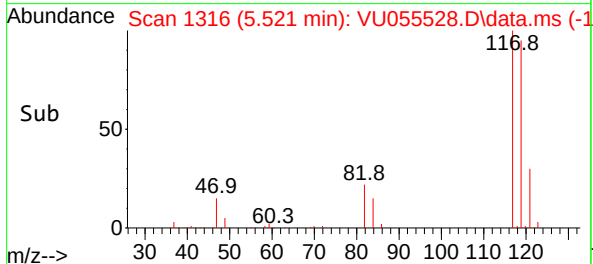
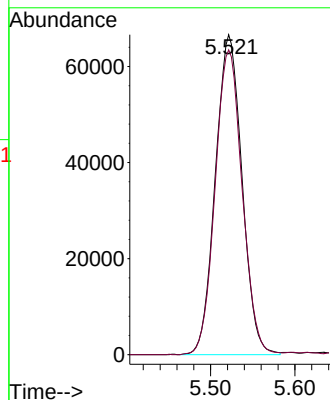
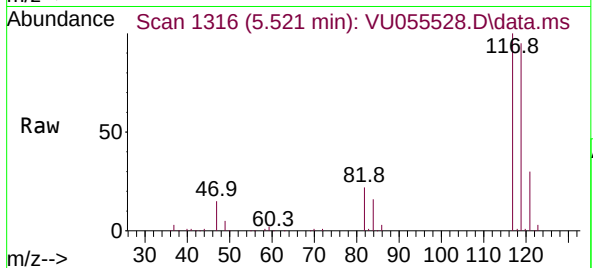




#31
Carbon tetrachloride
Concen: 5.633 ug/L
RT: 5.521 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

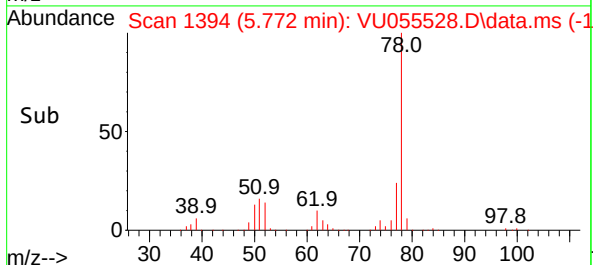
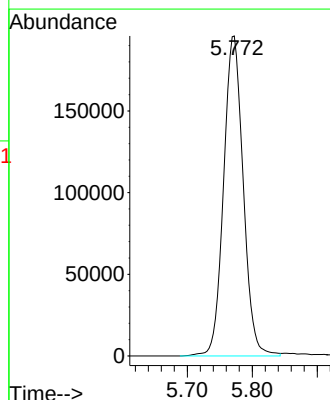
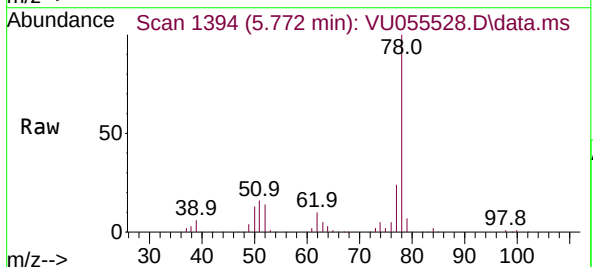
Instrument :
MSVOA_U
ClientSampleId :

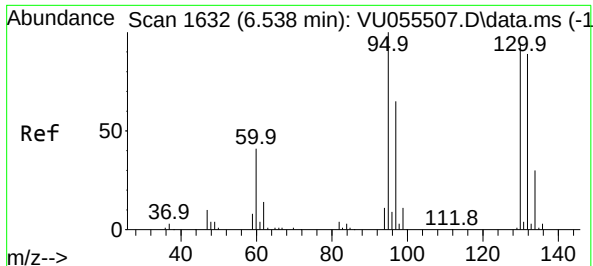
Tgt Ion:117 Resp: 146069
Ion Ratio Lower Upper
117 100
119 96.6 75.2 112.8



#33
Benzene
Concen: 5.377 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

Tgt Ion: 78 Resp: 410698





#34

Trichloroethene

Concen: 5.175 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055528.D

Acq: 26 Sep 2023 19:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 111812

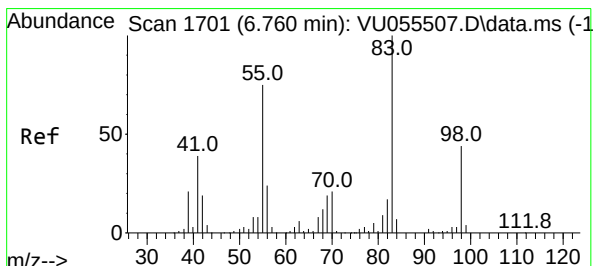
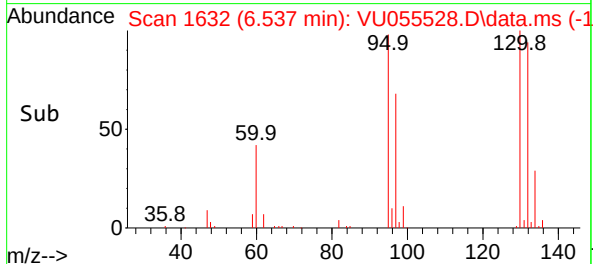
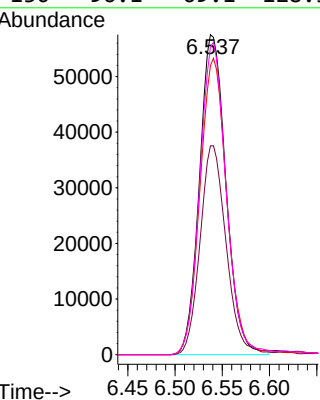
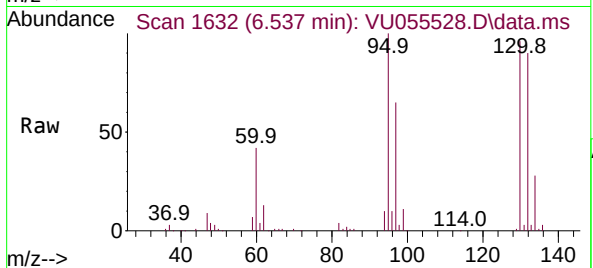
Ion Ratio Lower Upper

95 100

97 65.2 45.4 84.2

132 90.3 65.2 121.2

130 96.1 69.1 128.3



#35

Methylcyclohexane

Concen: 5.187 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU055528.D

Acq: 26 Sep 2023 19:52

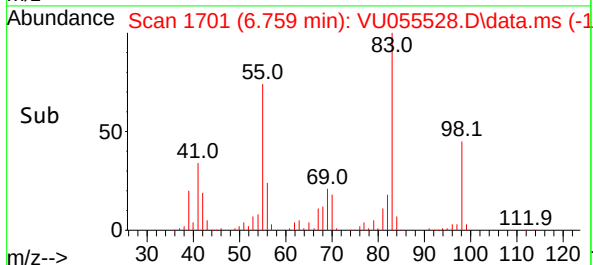
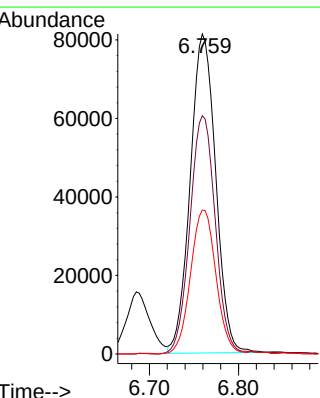
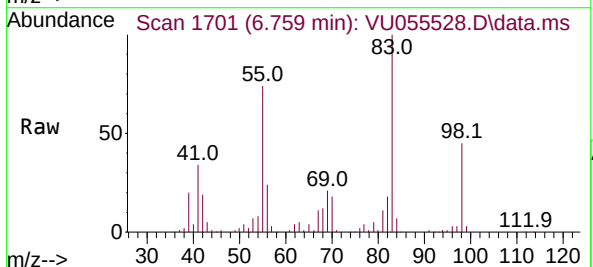
Tgt Ion: 83 Resp: 161427

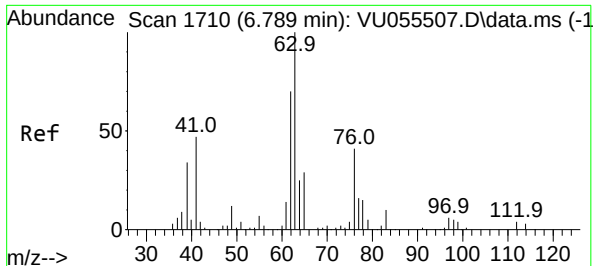
Ion Ratio Lower Upper

83 100

55 74.8 59.1 88.7

98 45.1 36.3 54.5





#37

1,2-Dichloropropane

Concen: 5.249 ug/L

RT: 6.788 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055528.D

Acq: 26 Sep 2023 19:52

Instrument :

MSVOA_U

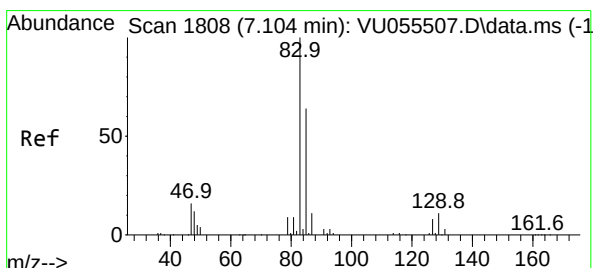
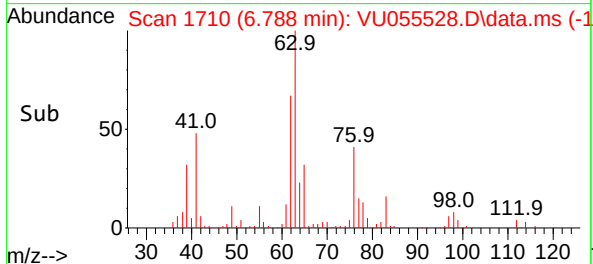
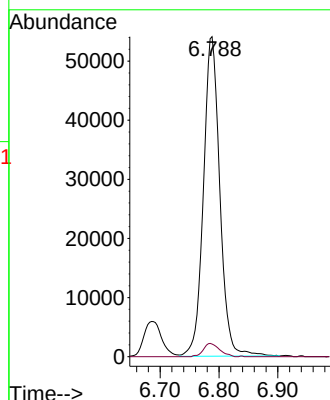
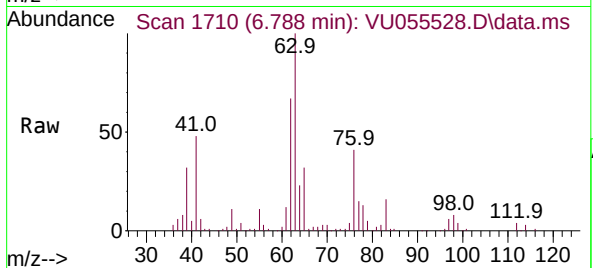
ClientSampleId :

Tgt Ion: 63 Resp: 104850

Ion Ratio Lower Upper

63 100

112 4.1 3.0 4.6



#38

Bromodichloromethane

Concen: 5.495 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VU055528.D

Acq: 26 Sep 2023 19:52

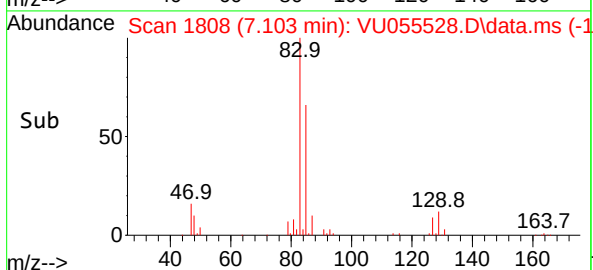
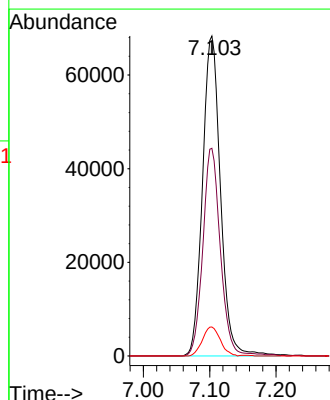
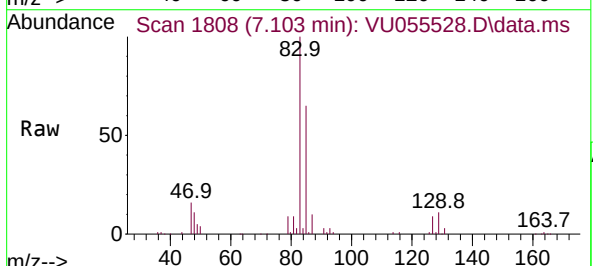
Tgt Ion: 83 Resp: 128620

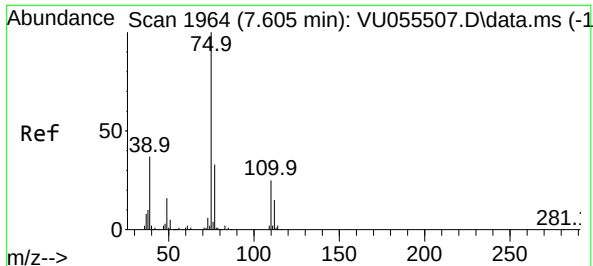
Ion Ratio Lower Upper

83 100

85 64.9 46.8 86.8

127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.566 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU055528.D

Acq: 26 Sep 2023 19:52

Instrument :

MSVOA_U

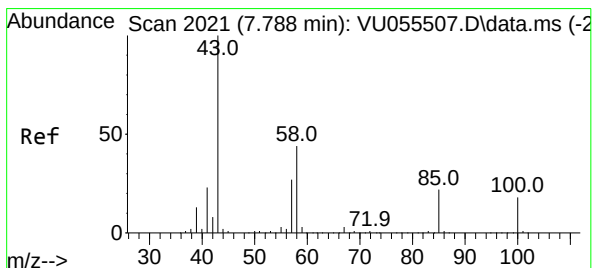
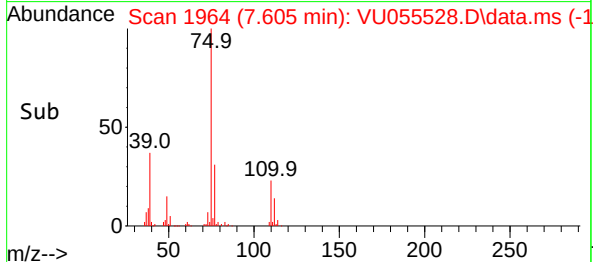
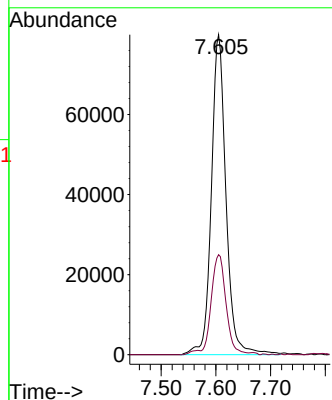
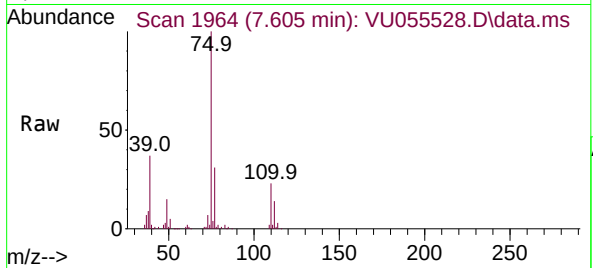
ClientSampleId :

Tgt Ion: 75 Resp: 148395

Ion Ratio Lower Upper

75 100

77 31.3 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 52.572 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU055528.D

Acq: 26 Sep 2023 19:52

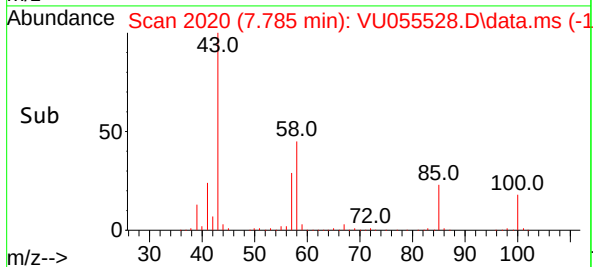
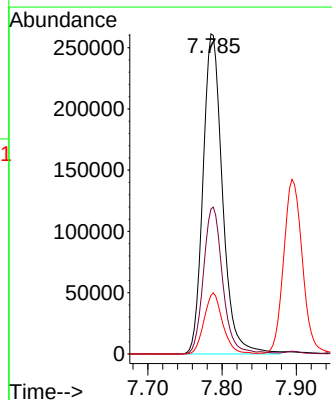
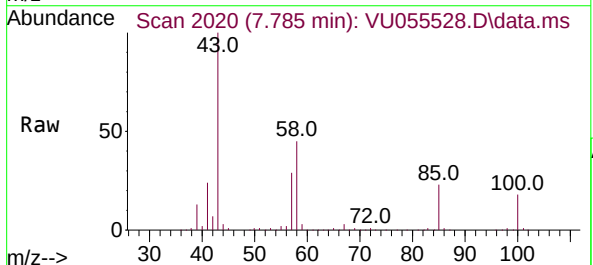
Tgt Ion: 43 Resp: 476370

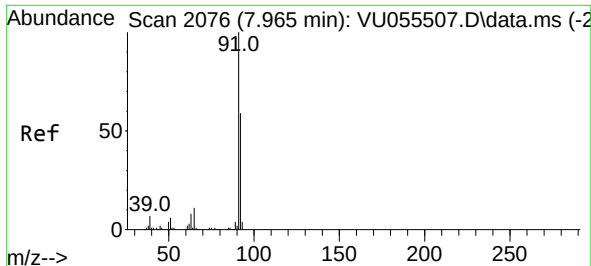
Ion Ratio Lower Upper

43 100

58 45.4 34.2 51.4

100 18.3 13.4 20.0





#42

Toluene

Concen: 5.480 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU055528.D

Acq: 26 Sep 2023 19:52

Instrument :

MSVOA_U

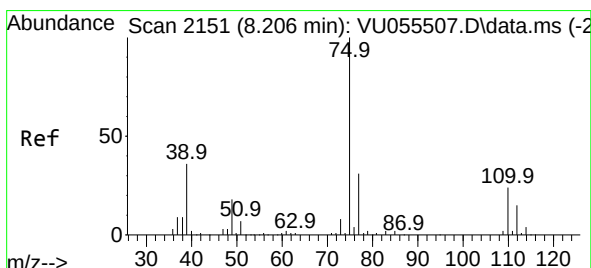
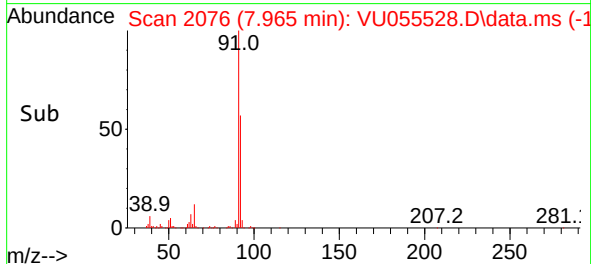
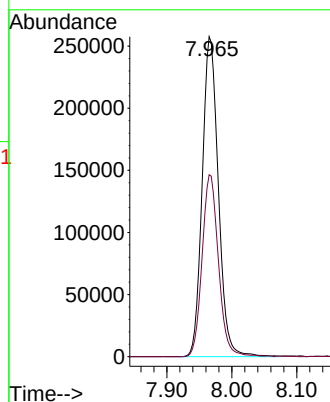
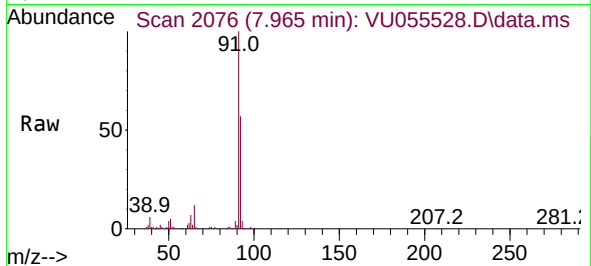
ClientSampleId :

Tgt Ion: 91 Resp: 446456

Ion Ratio Lower Upper

91 100

92 56.8 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.605 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU055528.D

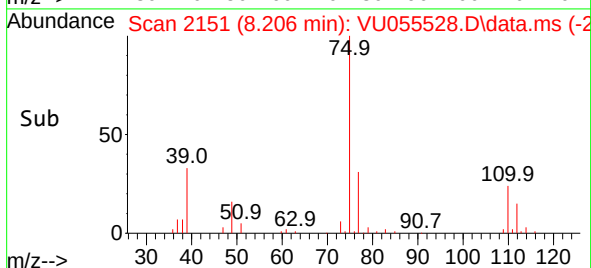
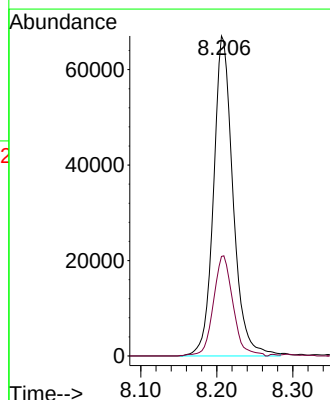
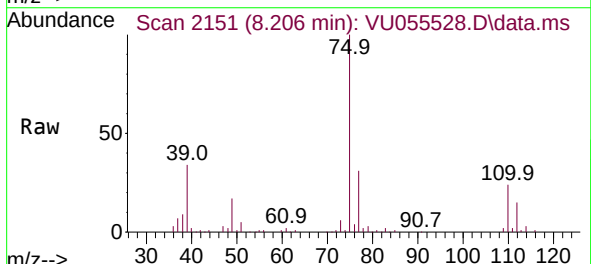
Acq: 26 Sep 2023 19:52

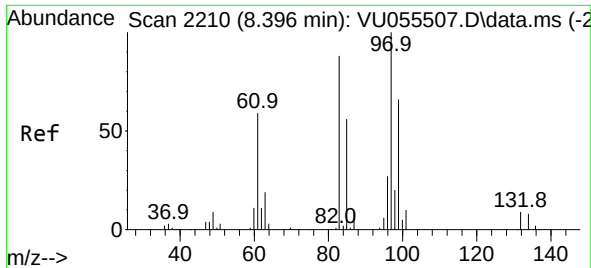
Tgt Ion: 75 Resp: 119558

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4

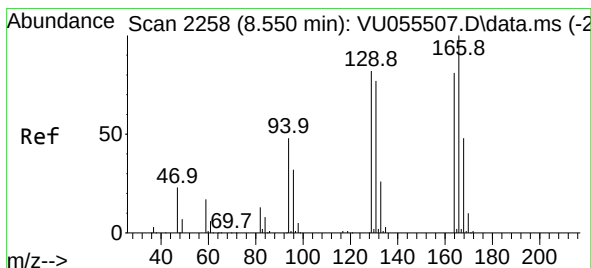
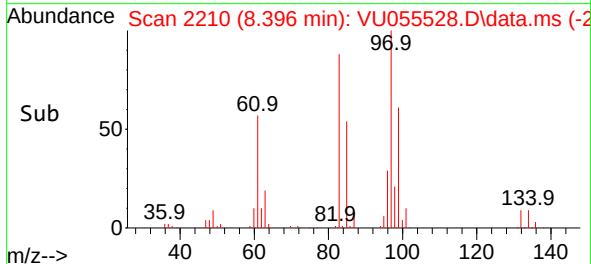
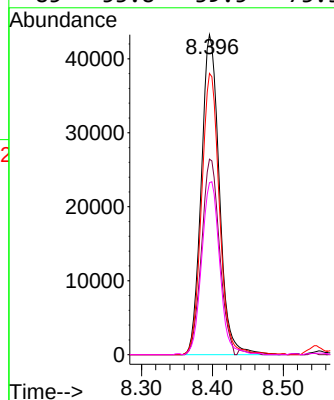
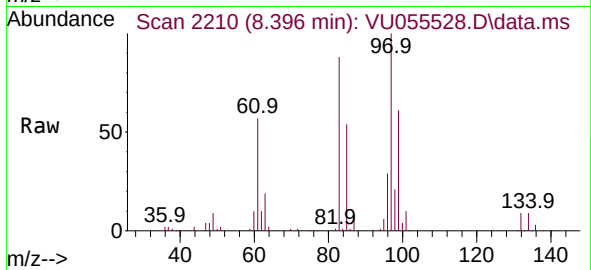




#45
1,1,2-Trichloroethane
Concen: 5.453 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

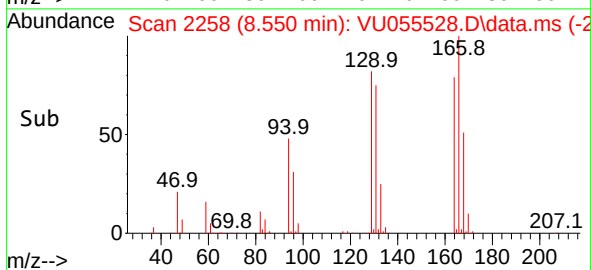
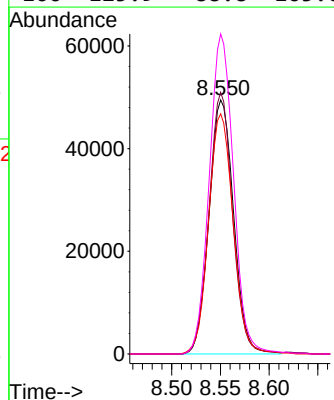
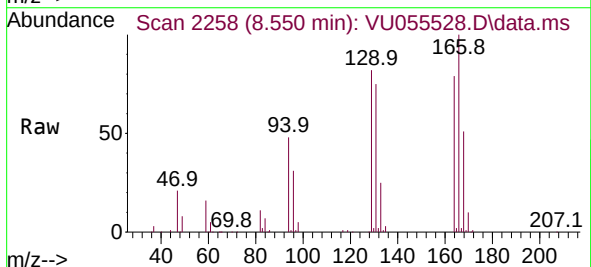
Instrument :
MSVOA_U
ClientSampleId :

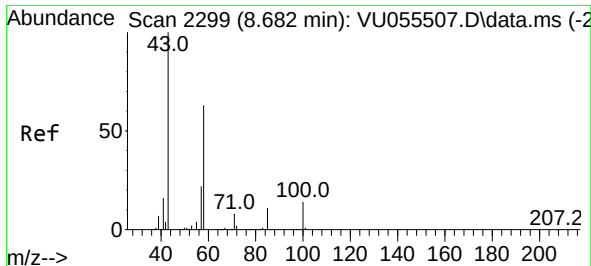
Tgt Ion:	97	Resp:	76371
Ion	Ratio	Lower	Upper
97	100		
99	61.1	44.1	81.9
83	87.9	61.5	114.1
85	53.8	39.5	73.3



#47
Tetrachloroethene
Concen: 5.588 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

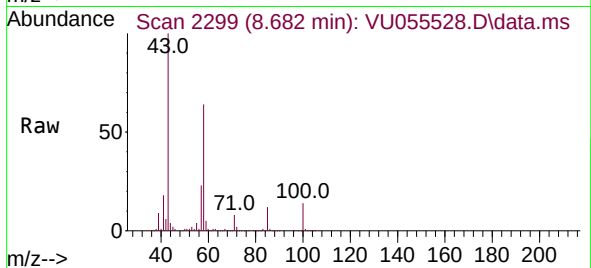
Tgt Ion:	164	Resp:	86608
Ion	Ratio	Lower	Upper
164	100		
129	103.0	67.4	125.2
131	94.5	66.4	123.2
166	125.9	88.8	165.0



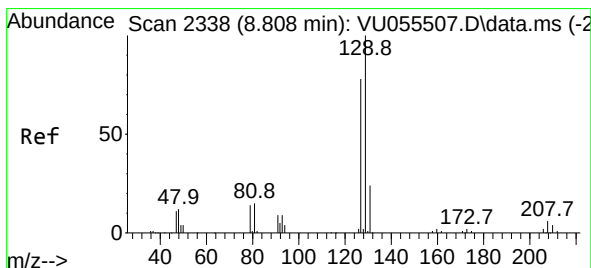
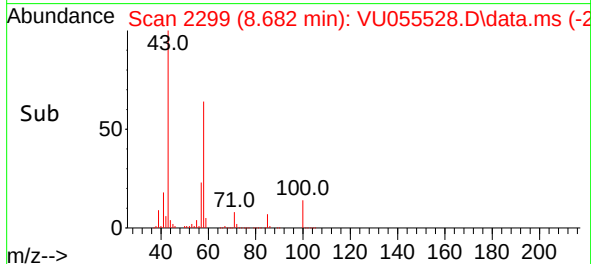
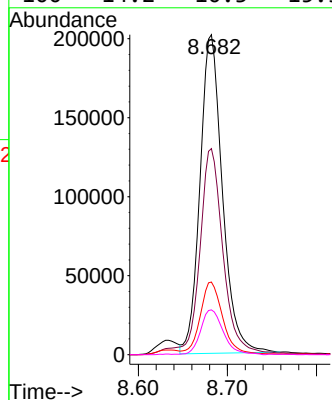


#48
2-Hexanone
Concen: 50.318 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

Instrument :
MSVOA_U
ClientSampleId :

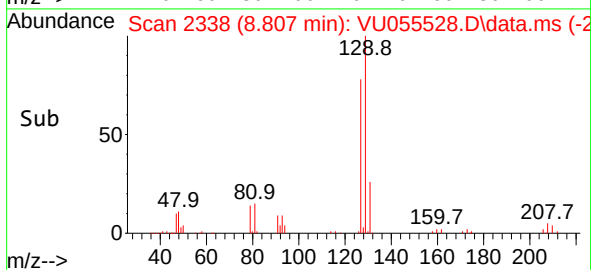
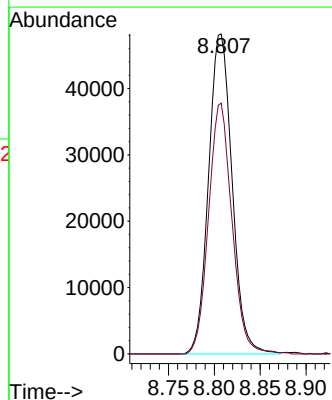
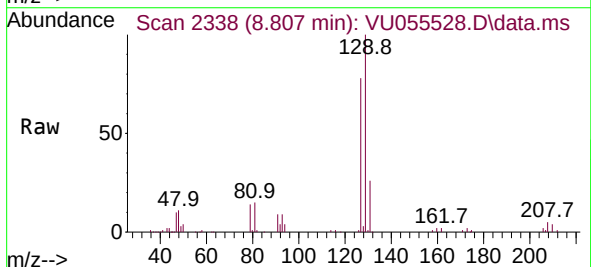


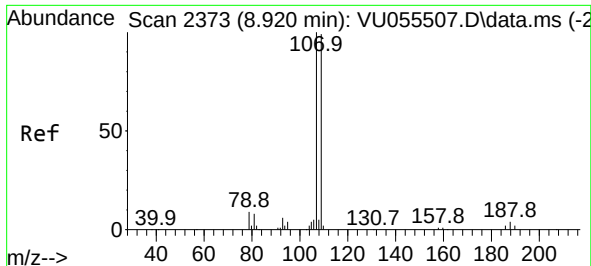
Tgt Ion: 43 Resp: 353366
Ion Ratio Lower Upper
43 100
58 68.7 48.5 72.7
57 23.1 17.0 25.4
100 14.2 10.3 15.5



#49
Dibromochloromethane
Concen: 5.868 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

Tgt Ion: 129 Resp: 86158
Ion Ratio Lower Upper
129 100
127 78.4 56.8 105.6





#50

1,2-Dibromoethane

Concen: 5.528 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU055528.D

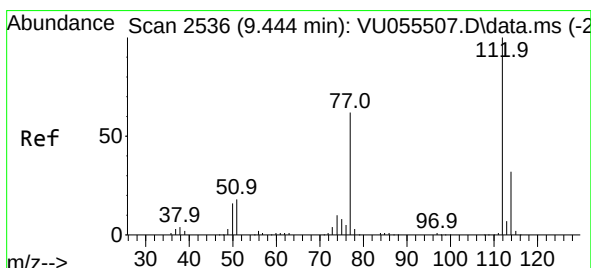
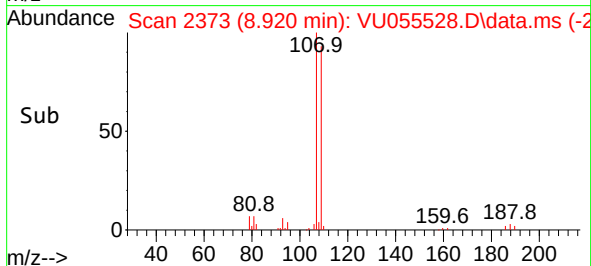
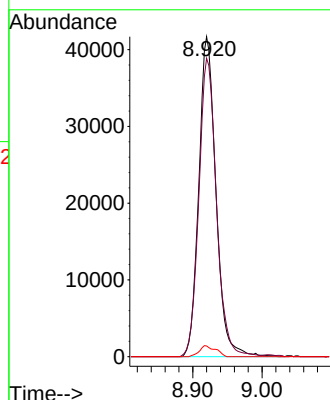
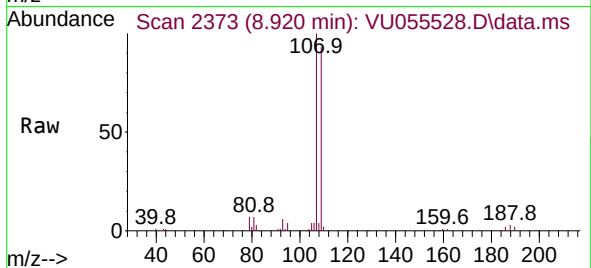
Acq: 26 Sep 2023 19:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	71851
Ion	Ratio	Lower	Upper
107	100		
109	93.3	66.1	122.8
188	3.4	3.2	4.8



#51

Chlorobenzene

Concen: 5.332 ug/L

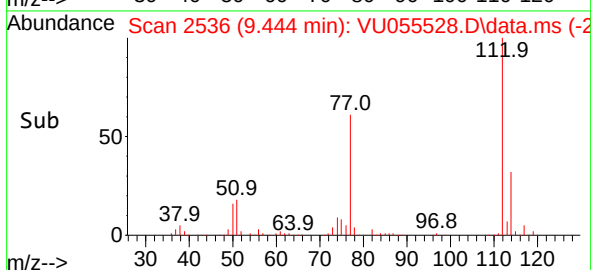
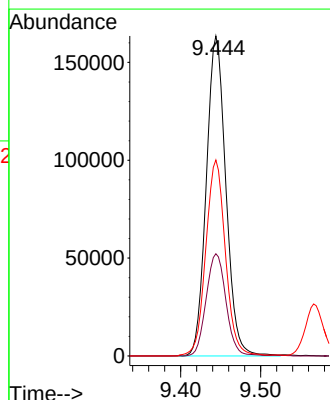
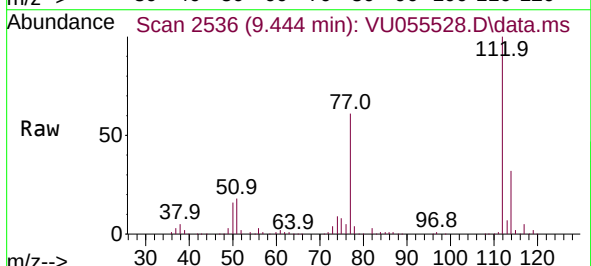
RT: 9.444 min Scan# 2536

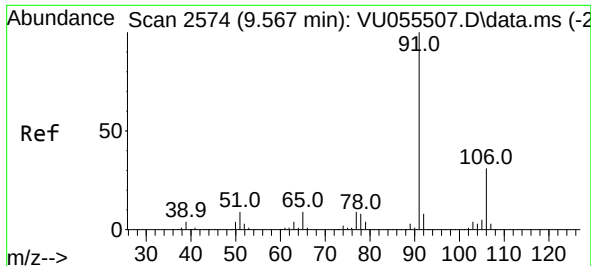
Delta R.T. -0.000 min

Lab File: VU055528.D

Acq: 26 Sep 2023 19:52

Tgt Ion:	112	Resp:	278256
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.0	40.8
77	61.3	46.9	70.3

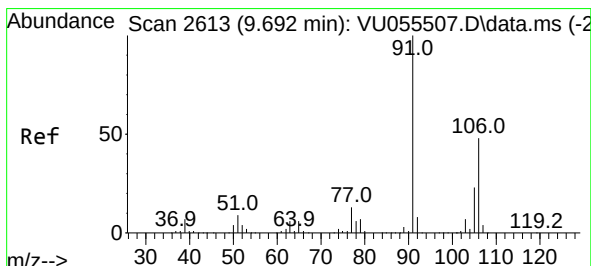
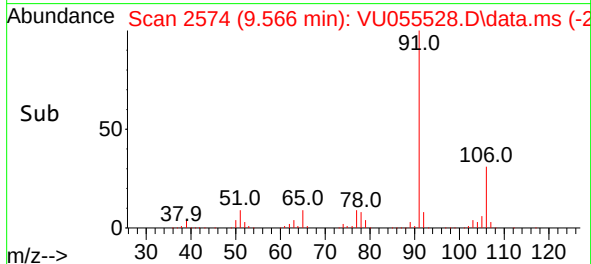
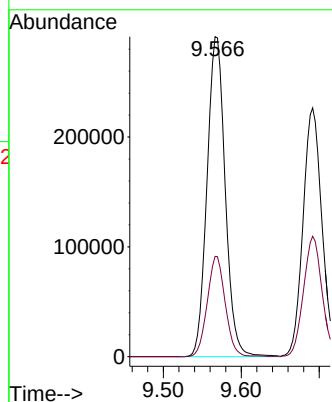
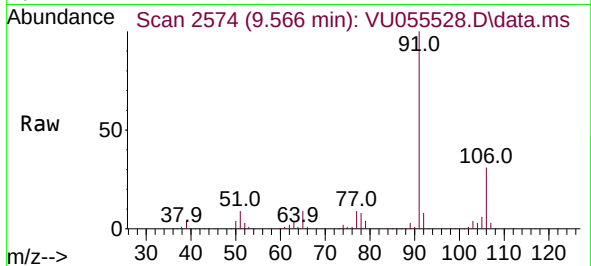




#52
Ethylbenzene
Concen: 5.412 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

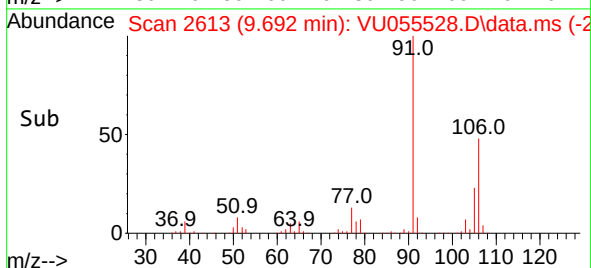
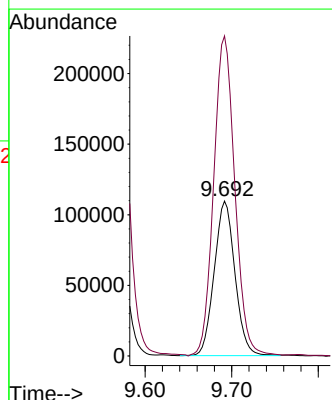
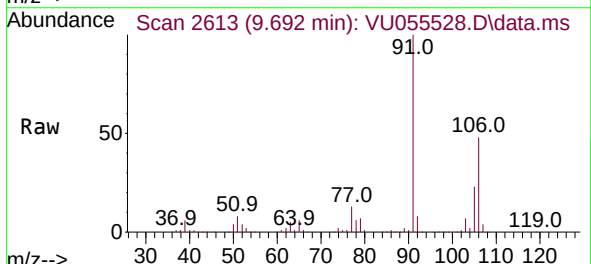
Instrument :
MSVOA_U
ClientSampleId :

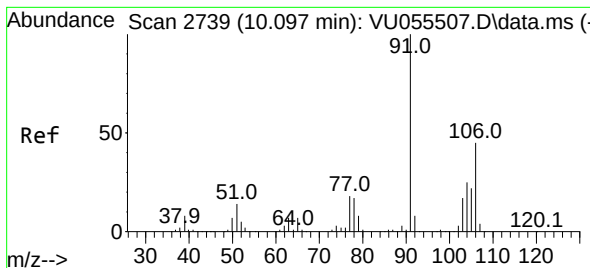
Tgt Ion: 91 Resp: 472648
Ion Ratio Lower Upper
91 100
106 31.3 22.4 41.6



#53
m,p-Xylene
Concen: 5.558 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

Tgt Ion: 106 Resp: 181918
Ion Ratio Lower Upper
106 100
91 206.6 144.8 269.0





#54

o-Xylene

Concen: 5.655 ug/L

RT: 10.097 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU055528.D

Acq: 26 Sep 2023 19:52

Instrument :

MSVOA_U

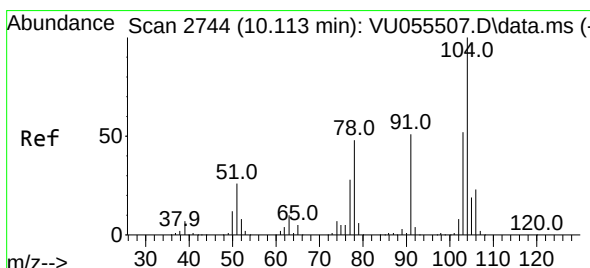
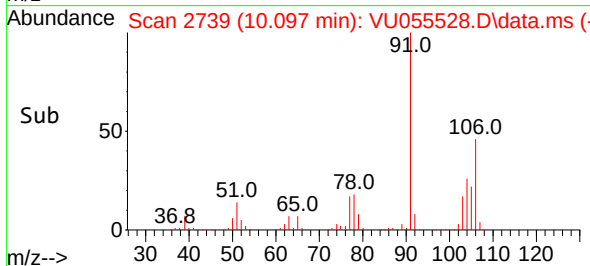
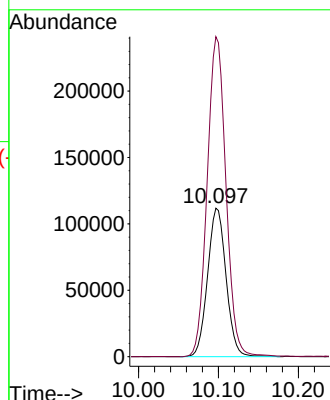
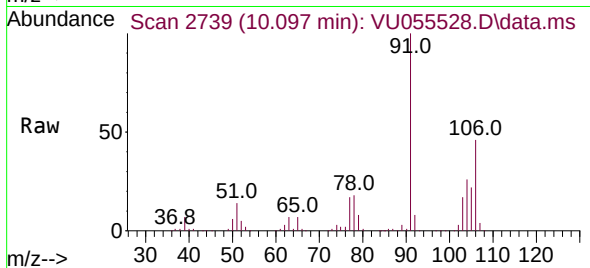
ClientSampleId :

Tgt Ion:106 Resp: 179971

Ion Ratio Lower Upper

106 100

91 215.6 157.6 292.8



#55

Styrene

Concen: 5.822 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. -0.000 min

Lab File: VU055528.D

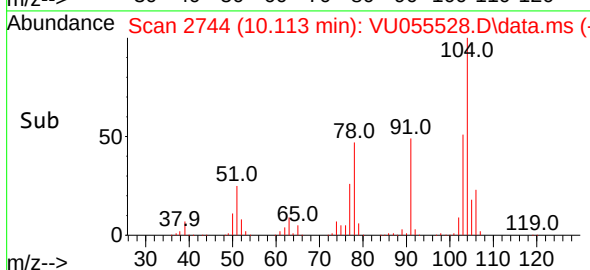
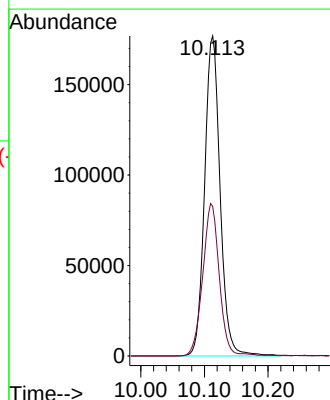
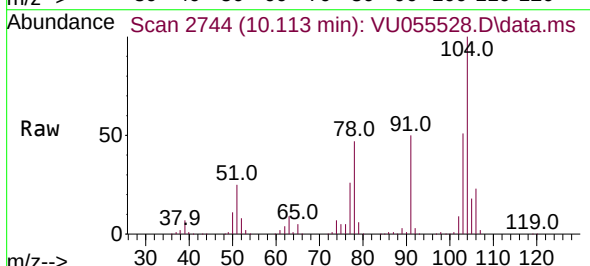
Acq: 26 Sep 2023 19:52

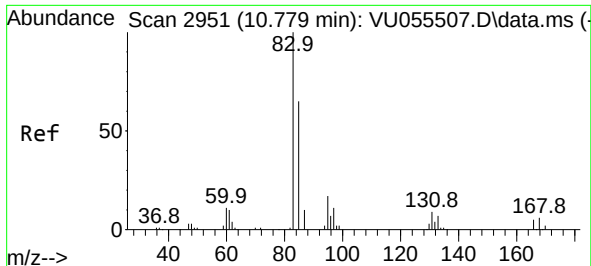
Tgt Ion:104 Resp: 299576

Ion Ratio Lower Upper

104 100

78 46.8 31.2 58.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.592 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU055528.D

Acq: 26 Sep 2023 19:52

Instrument :

MSVOA_U

ClientSampleId :

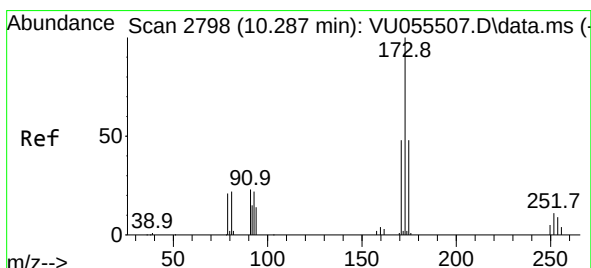
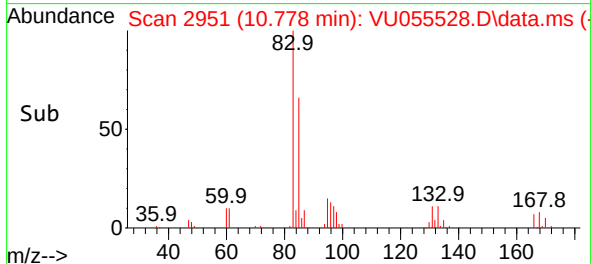
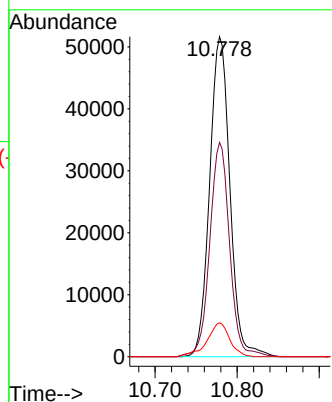
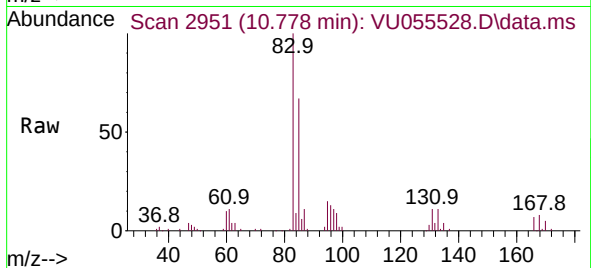
Tgt Ion: 83 Resp: 88422

Ion Ratio Lower Upper

83 100

85 66.9 44.4 82.5

131 10.6 7.4 11.2



#59

Bromoform

Concen: 5.983 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU055528.D

Acq: 26 Sep 2023 19:52

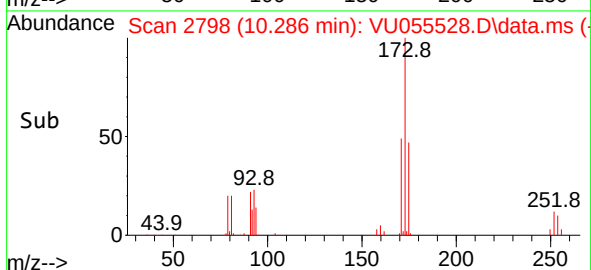
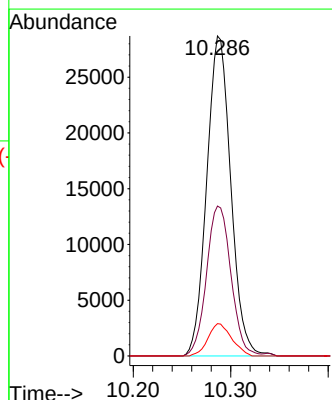
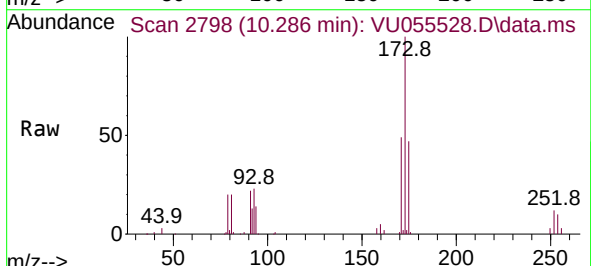
Tgt Ion:173 Resp: 49190

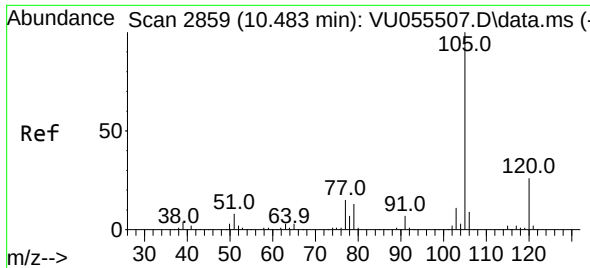
Ion Ratio Lower Upper

173 100

175 47.6 39.4 59.2

254 9.9 7.3 10.9

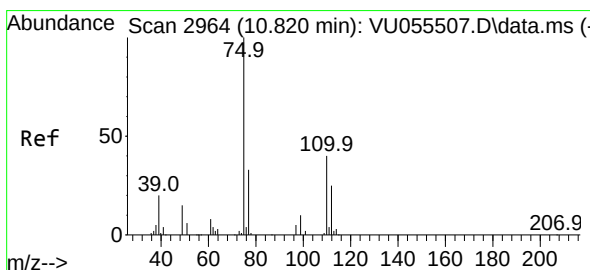
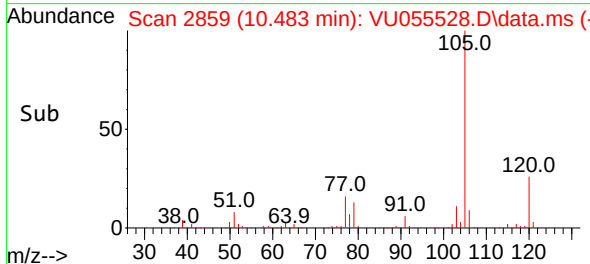
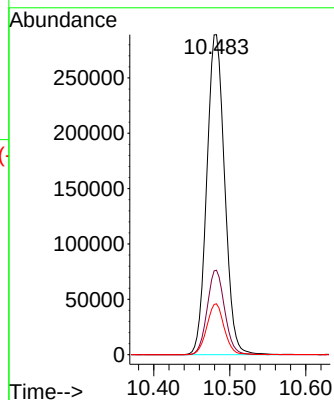
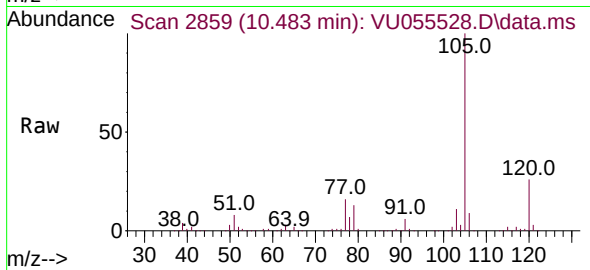




#60
Isopropylbenzene
Concen: 5.328 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

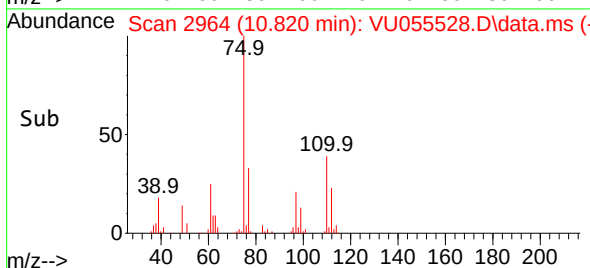
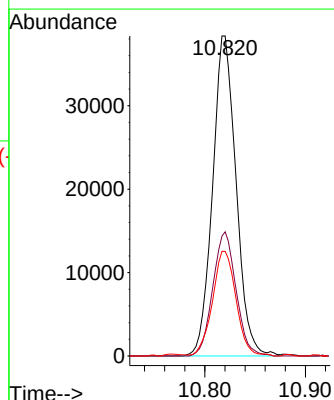
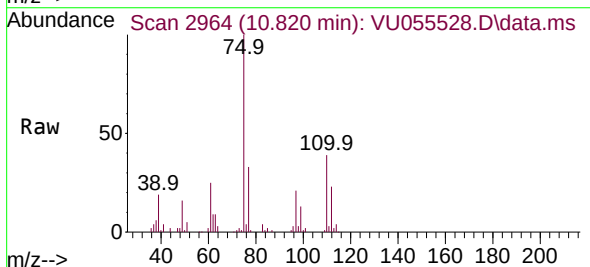
Instrument :
MSVOA_U
ClientSampleId :

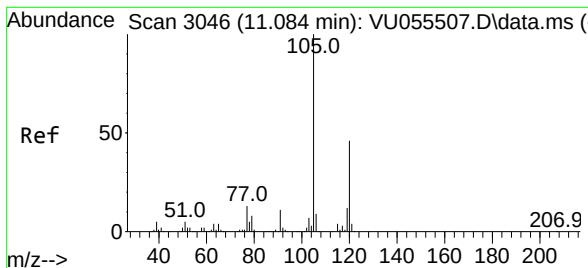
Tgt Ion:105 Resp: 471078
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.207 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. -0.000 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

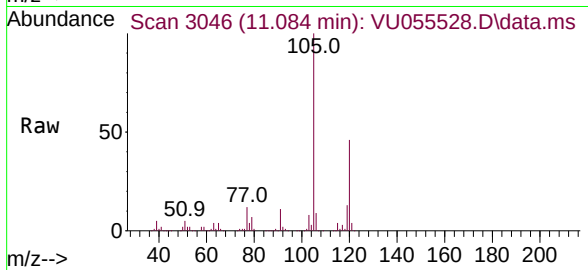
Tgt Ion: 75 Resp: 62357
Ion Ratio Lower Upper
75 100
110 38.3 30.6 45.8
77 32.8 26.7 40.1



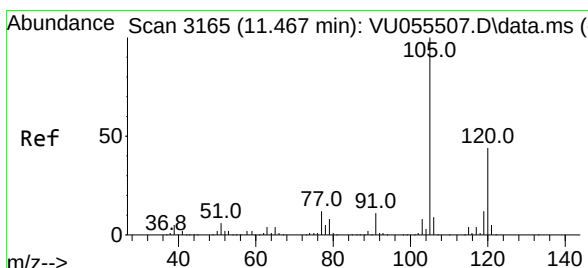
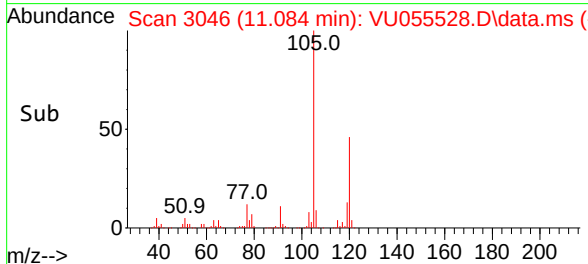
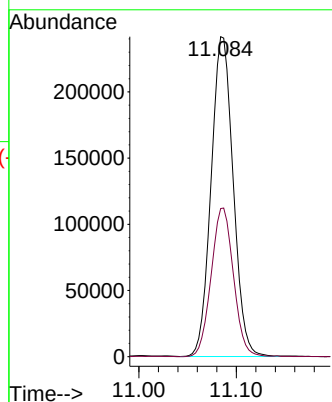


#62
 1,3,5-Trimethylbenzene
 Concen: 5.379 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU055528.D
 Acq: 26 Sep 2023 19:52

Instrument :
 MSVOA_U
 ClientSampleId :

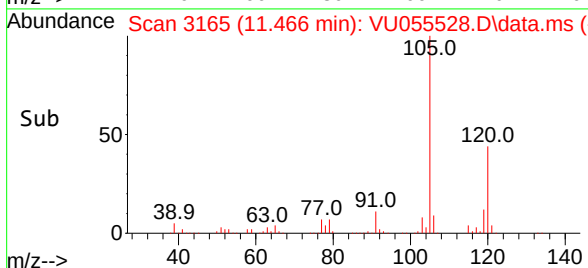
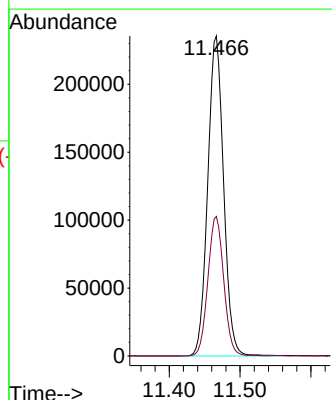
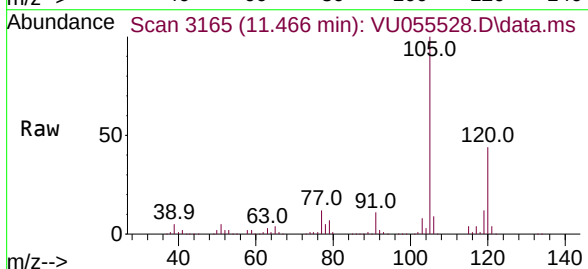


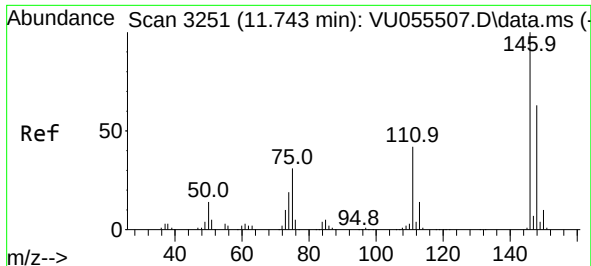
Tgt Ion:105 Resp: 380285
 Ion Ratio Lower Upper
 105 100
 120 47.0 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.289 ug/L
 RT: 11.466 min Scan# 3165
 Delta R.T. -0.000 min
 Lab File: VU055528.D
 Acq: 26 Sep 2023 19:52

Tgt Ion:105 Resp: 366042
 Ion Ratio Lower Upper
 105 100
 120 43.6 34.9 52.3

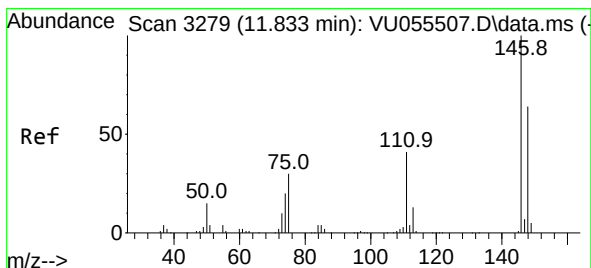
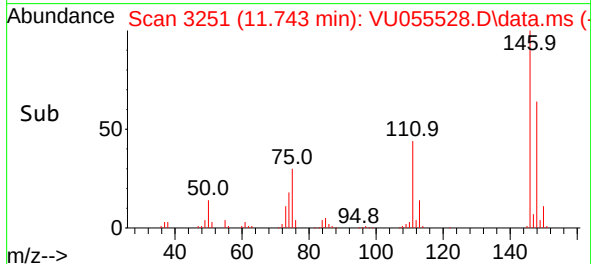
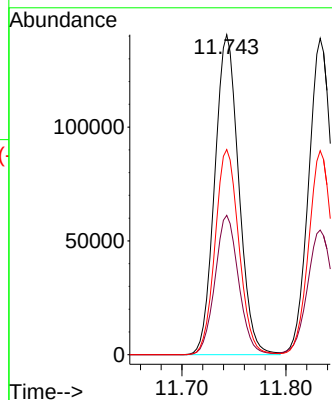
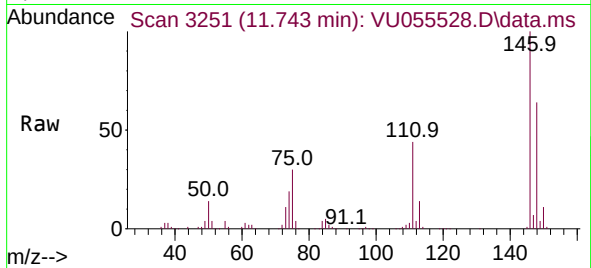




#64
1,3-Dichlorobenzene
Concen: 5.334 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

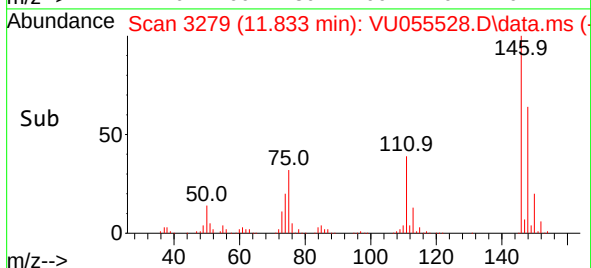
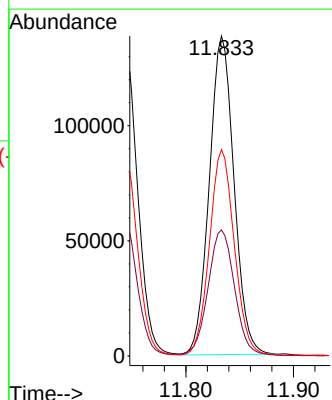
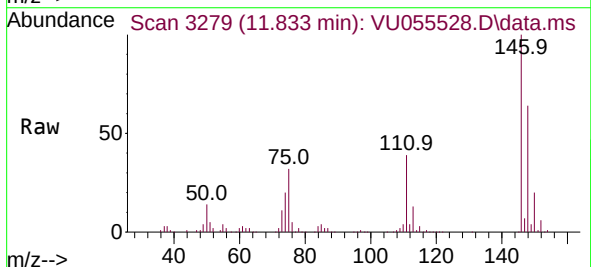
Instrument :
MSVOA_U
ClientSampleId :

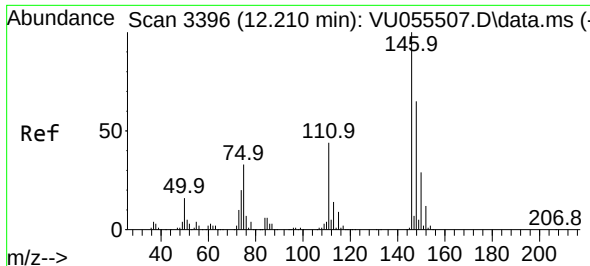
Tgt Ion:146 Resp: 225758
Ion Ratio Lower Upper
146 100
111 43.6 28.8 53.6
148 64.1 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 5.221 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

Tgt Ion:146 Resp: 220885
Ion Ratio Lower Upper
146 100
111 39.4 29.0 53.8
148 64.5 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 5.476 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055528.D

Acq: 26 Sep 2023 19:52

Instrument :

MSVOA_U

ClientSampleId :

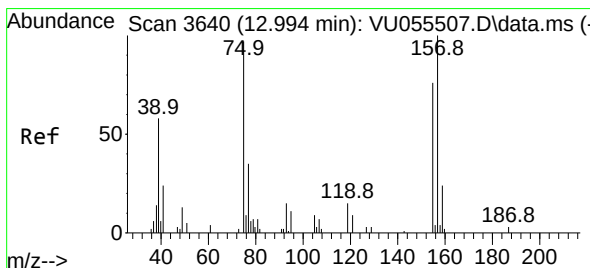
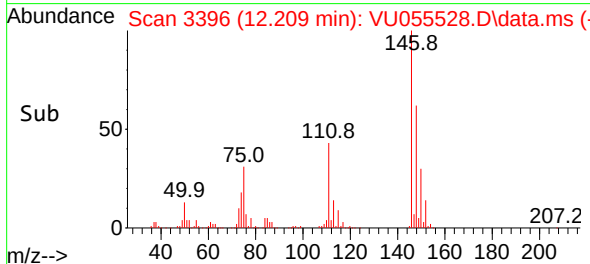
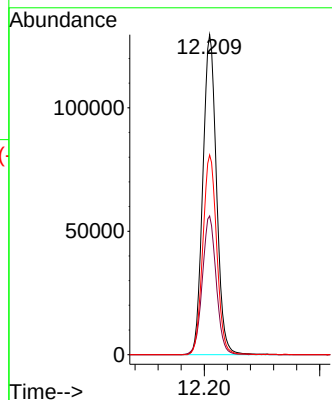
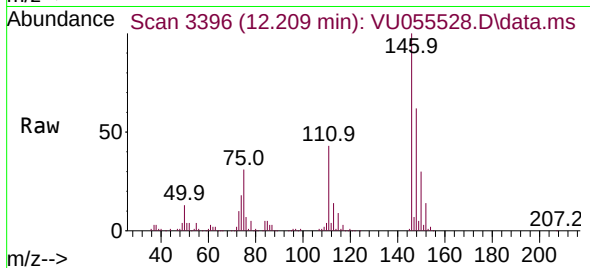
Tgt Ion:146 Resp: 212514

Ion Ratio Lower Upper

146 100

111 43.4 34.6 52.0

148 62.4 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.751 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU055528.D

Acq: 26 Sep 2023 19:52

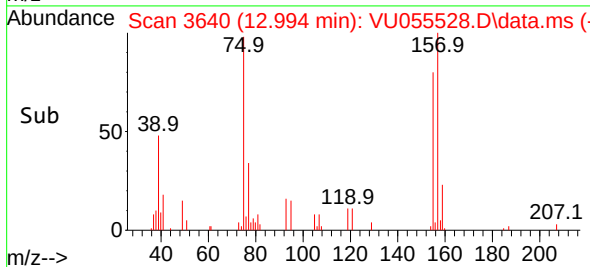
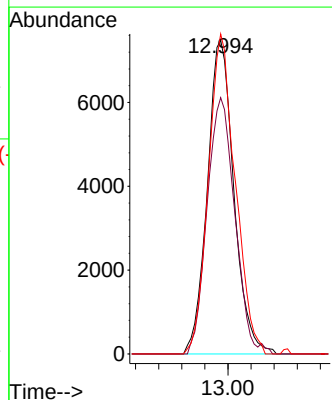
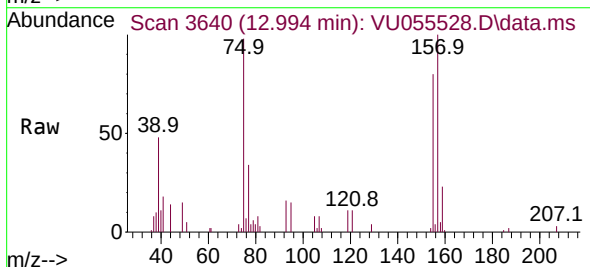
Tgt Ion: 75 Resp: 11938

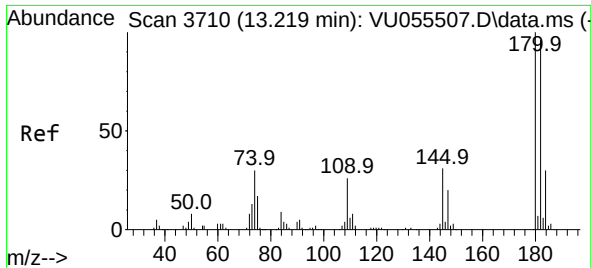
Ion Ratio Lower Upper

75 100

155 81.7 69.2 103.8

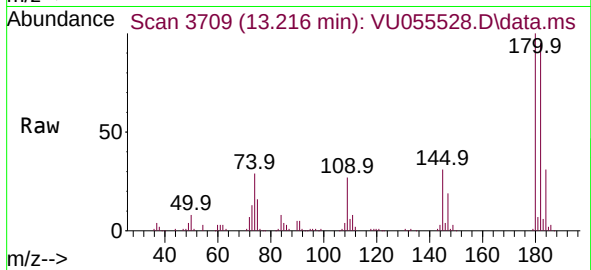
157 102.0 81.9 122.9



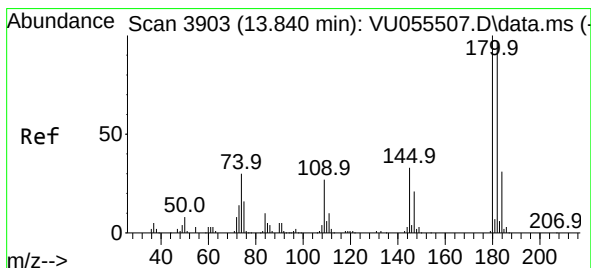
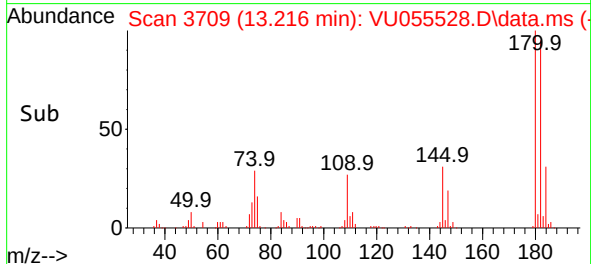
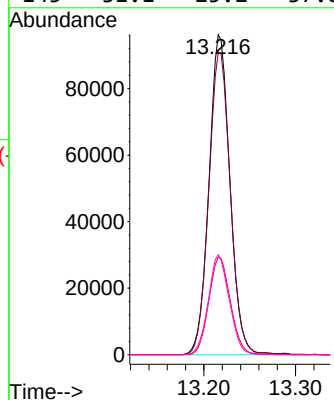


#69
 1,3,5-Trichlorobenzene
 Concen: 5.243 ug/L
 RT: 13.216 min Scan# 3710
 Delta R.T. -0.003 min
 Lab File: VU055528.D
 Acq: 26 Sep 2023 19:52

Instrument :
 MSVOA_U
 ClientSampleId :

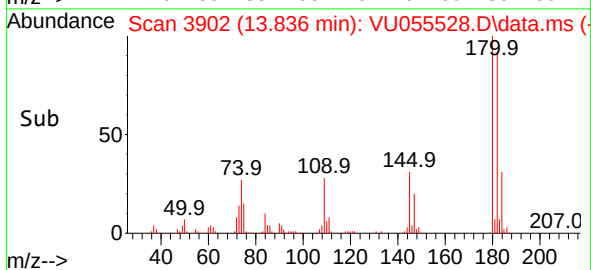
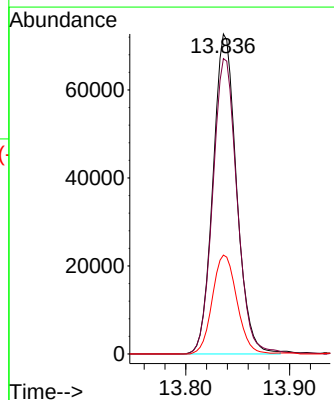
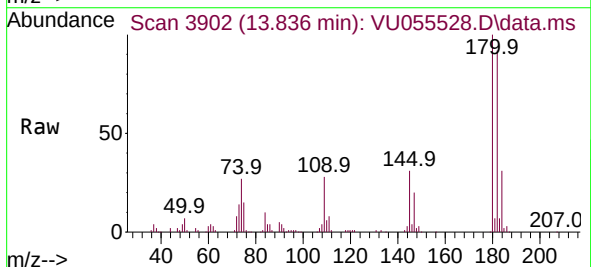


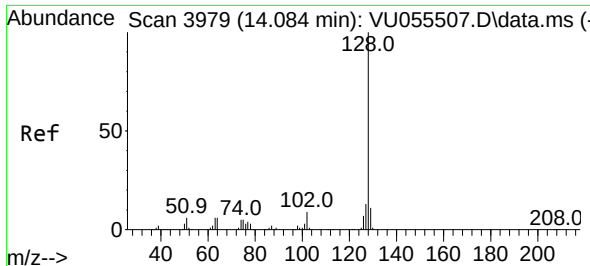
Tgt Ion:180 Resp: 152834
 Ion Ratio Lower Upper
 180 100
 182 96.8 77.1 115.7
 184 31.3 24.0 36.0
 145 31.1 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.165 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.003 min
 Lab File: VU055528.D
 Acq: 26 Sep 2023 19:52

Tgt Ion:180 Resp: 114778
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.4 114.6
 145 32.1 25.4 38.0

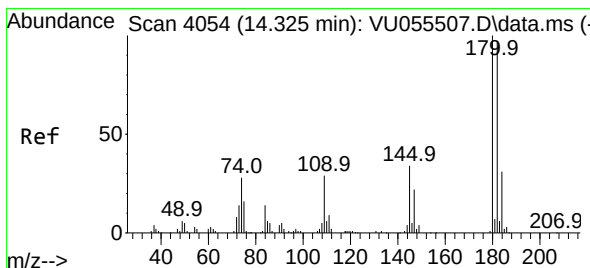
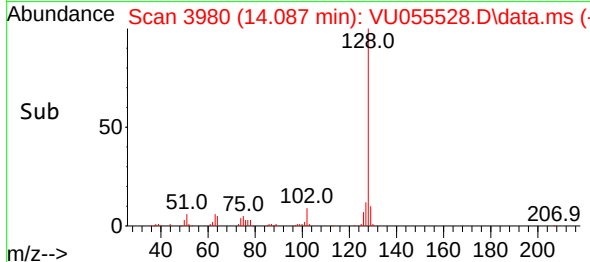
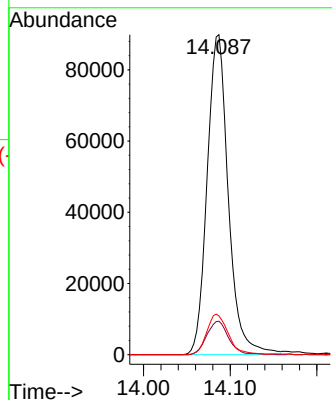
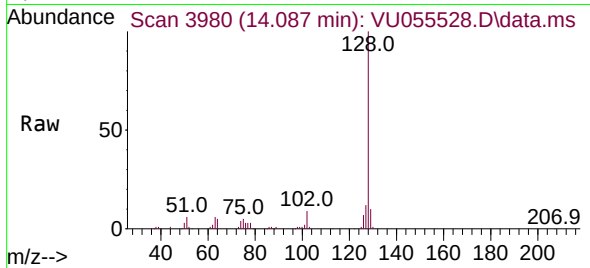




#71
Naphthalene
Concen: 4.756 ug/L
RT: 14.087 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 153027
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 12.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.289 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU055528.D
Acq: 26 Sep 2023 19:52

Tgt Ion:180 Resp: 102277
Ion Ratio Lower Upper
180 100
182 91.9 76.2 114.4
145 34.3 26.0 39.0

