

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092523\
 Data File : VU055504.D
 Acq On : 25 Sep 2023 18:49
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 01:24:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	324011	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	328678	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	188146	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	96441	2.945	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.800%
7) Chloroethane-d5	1.911	69	88819	3.078	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.600%#
11) 1,1-Dichloroethene-d2	2.563	65	41596	3.086	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.800%
20) 2-Butanone-d5	4.624	46	325090	54.961	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.920%
24) Chloroform-d	5.058	84	253307	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.695	65	123850	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.724	84	463342	4.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.685	67	151050	4.397	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.894	98	408230	3.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.177	79	55608	4.613	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.631	63	197264	53.800	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.600%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	129133	5.016	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	159880	4.210	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	146166	4.634	ug/L	100
3) Chloromethane	1.515	50	129913	4.682	ug/L	99
5) Vinyl chloride	1.602	62	141589	4.729	ug/L	98
6) Bromomethane	1.856	94	71811	3.776	ug/L	99
8) Chloroethane	1.930	64	80494	4.120	ug/L	96
9) Trichlorofluoromethane	2.136	101	184219	4.437	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	116275	4.603	ug/L	99
12) 1,1-Dichloroethene	2.576	96	110103	4.860	ug/L	82
13) Acetone	2.641	43	143804	42.650	ug/L	97
14) Carbon disulfide	2.788	76	336269	4.938	ug/L	99
15) Methyl Acetate	2.952	43	38208	4.970	ug/L	97
16) Methylene chloride	3.039	84	117979	4.347	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	241722	4.919	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	112503	4.927	ug/L	97
19) 1,1-Dichloroethane	3.862	63	203960	4.830	ug/L	98
21) 2-Butanone	4.705	43	238760	48.281	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	126519	4.779	ug/L	98
23) Bromochloromethane	4.972	128	53527	4.784	ug/L	98
25) Chloroform	5.084	83	213997	4.786	ug/L	97

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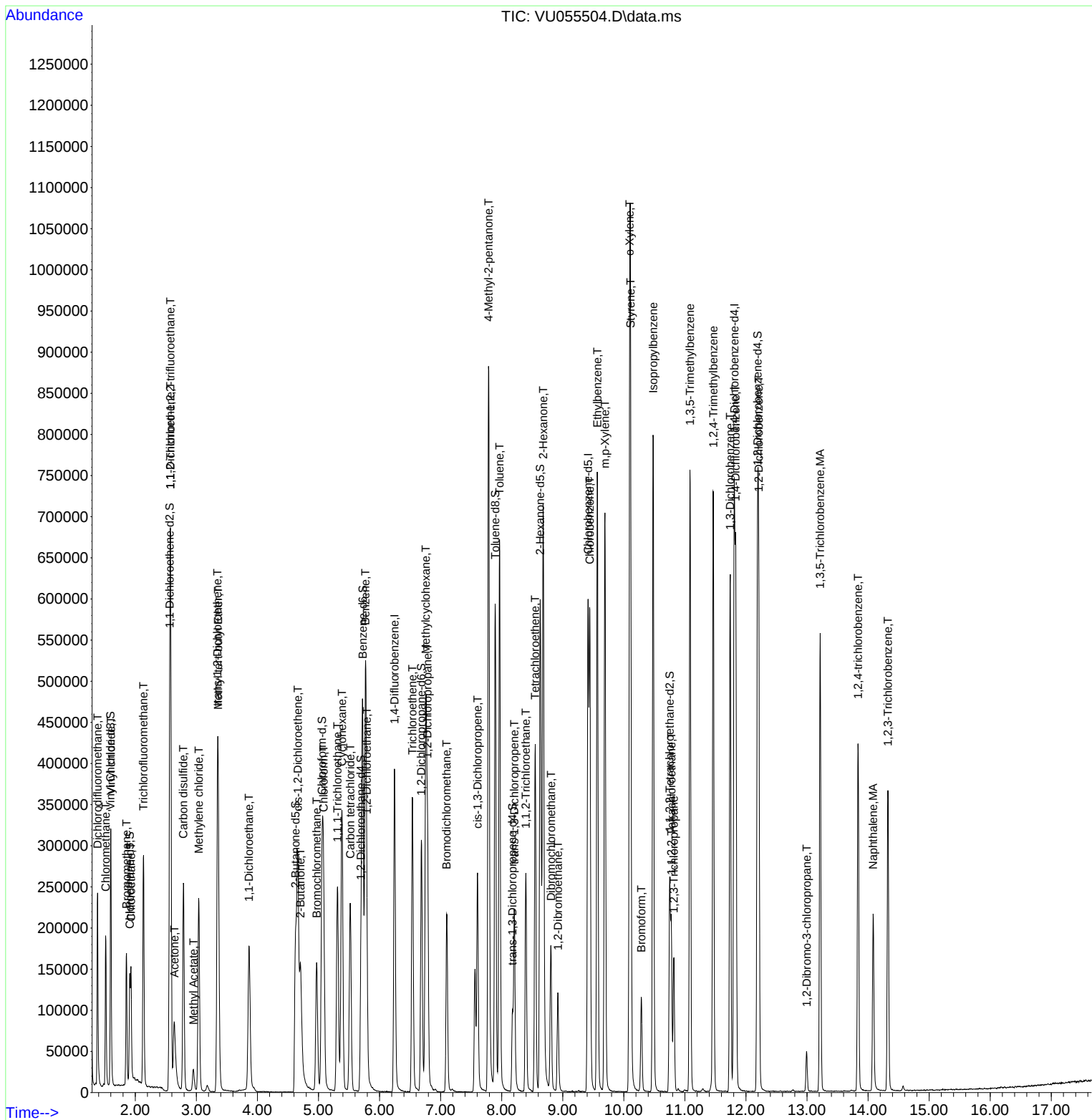
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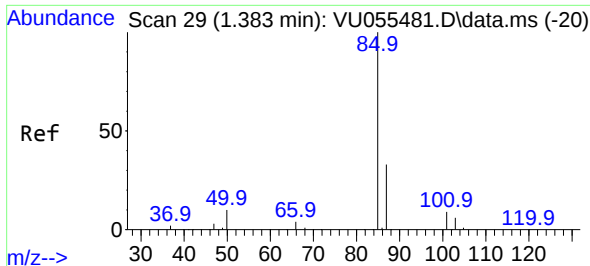
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	128227	4.676	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	187371	5.001	ug/L	96
30) Cyclohexane	5.386	56	171902	5.012	ug/L	99
31) Carbon tetrachloride	5.521	117	160849	5.008	ug/L	96
33) Benzene	5.769	78	477347	5.046	ug/L	100
34) Trichloroethene	6.541	95	128933	4.818	ug/L	98
35) Methylcyclohexane	6.759	83	185634	4.816	ug/L	98
37) 1,2-Dichloropropane	6.785	63	118369	4.784	ug/L	100
38) Bromodichloromethane	7.100	83	148003	5.105	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	169007	5.118	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	563825	50.240	ug/L	98
42) Toluene	7.965	91	503745	4.992	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	135694	5.136	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	85510	4.929	ug/L	99
47) Tetrachloroethene	8.550	164	94995	4.949	ug/L	97
48) 2-Hexanone	8.679	43	435488	50.069	ug/L	96
49) Dibromochloromethane	8.807	129	94266	5.184	ug/L	96
50) 1,2-Dibromoethane	8.923	107	81610	5.069	ug/L #	96
51) Chlorobenzene	9.444	112	317401	4.911	ug/L	98
52) Ethylbenzene	9.566	91	541550	5.006	ug/L	97
53) m,p-Xylene	9.692	106	206729	5.099	ug/L	97
54) o-Xylene	10.097	106	201248	5.106	ug/L	94
55) Styrene	10.113	104	336179	5.275	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	101033	5.159	ug/L	99
59) Bromoform	10.287	173	53103	5.266	ug/L	100
60) Isopropylbenzene	10.483	105	531407	4.901	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	70356	4.790	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	426386	4.917	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	416732	4.910	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	256468	4.940	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	250850	4.834	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	231530	4.864	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	13100	5.146	ug/L	94
69) 1,3,5-Trichlorobenzene	13.216	180	171779	4.805	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	131675	4.831	ug/L	99
71) Naphthalene	14.084	128	186513	4.727	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	113792	4.798	ug/L	96

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

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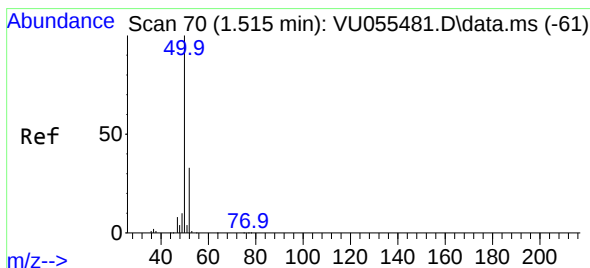
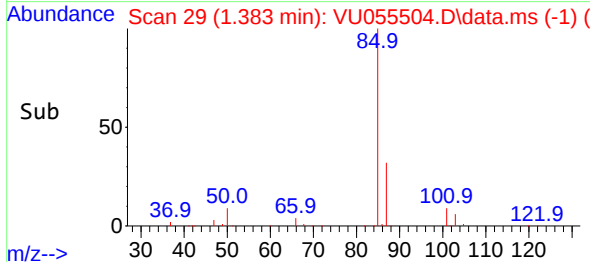
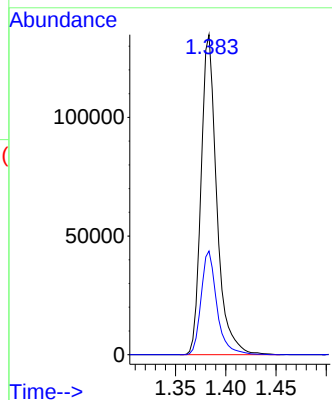
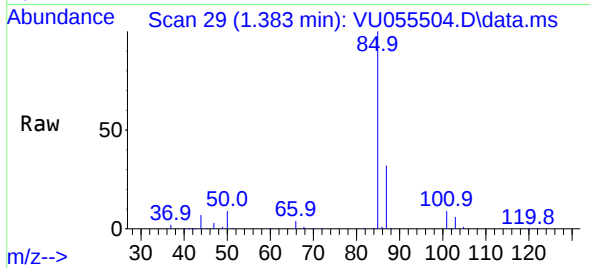




#2
Dichlorodifluoromethane
Concen: 4.634 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

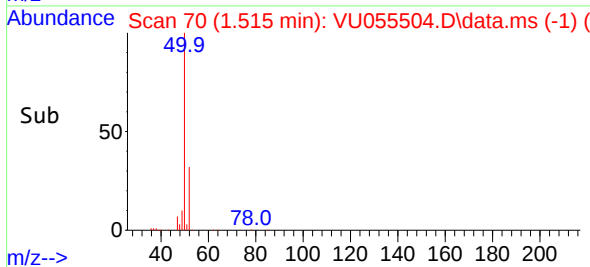
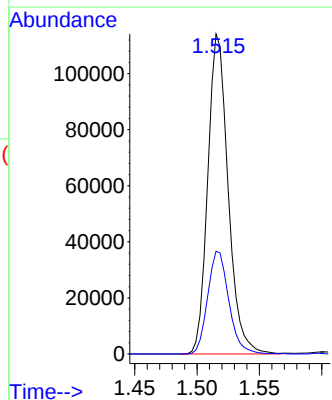
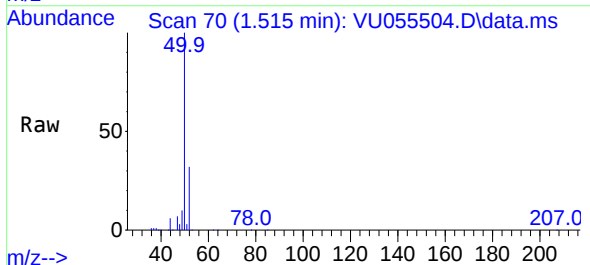
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MSVOA_U
ClientSampleId :

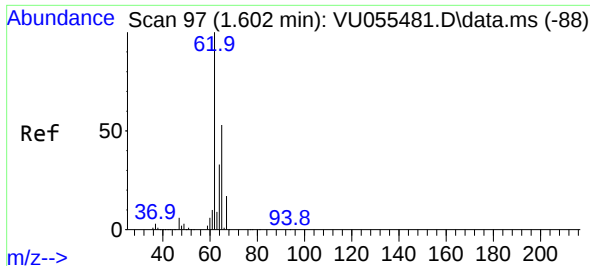
Tgt Ion: 85 Resp: 146166
Ion Ratio Lower Upper
85 100
87 32.6 26.0 39.0



#3
Chloromethane
Concen: 4.682 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

Tgt Ion: 50 Resp: 129913
Ion Ratio Lower Upper
50 100
52 32.1 22.9 42.5

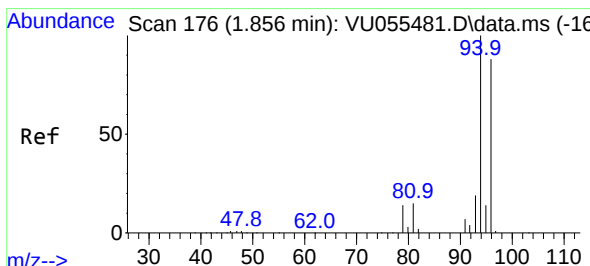
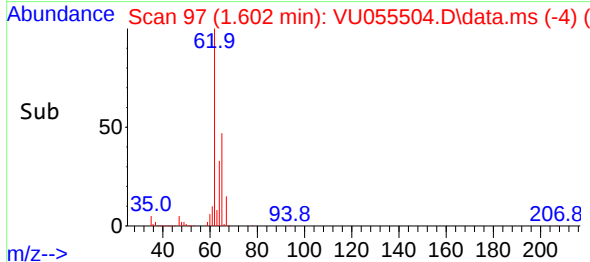
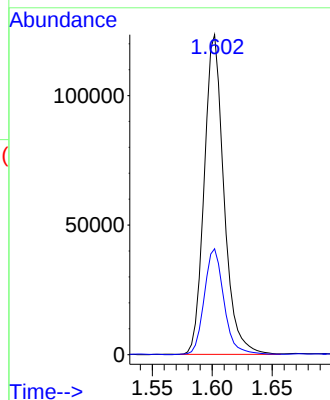
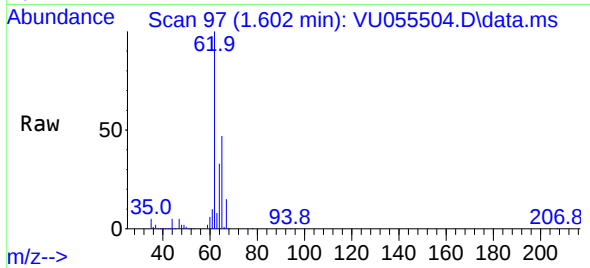




#5
 Vinyl chloride
 Concen: 4.729 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055504.D
 Acq: 25 Sep 2023 18:49

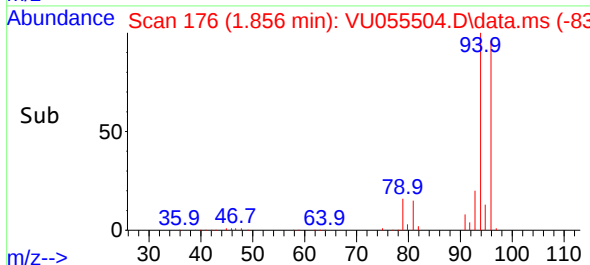
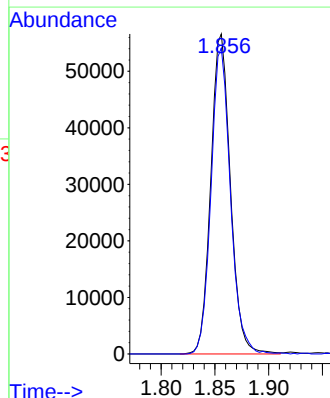
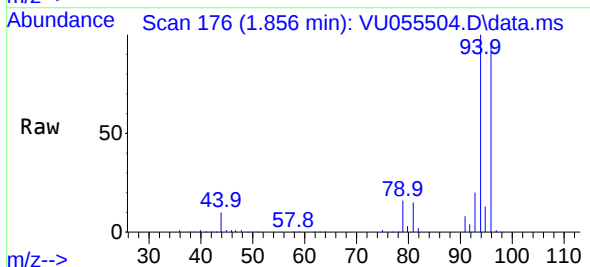
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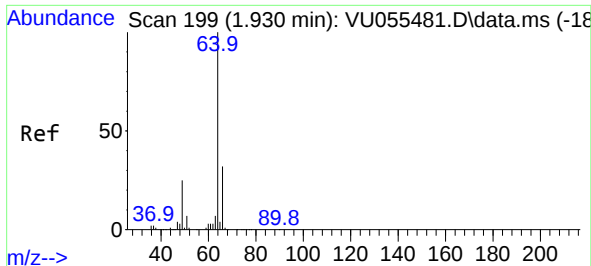
Tgt Ion: 62 Resp: 141589
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.3 41.5



#6
 Bromomethane
 Concen: 3.776 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU055504.D
 Acq: 25 Sep 2023 18:49

Tgt Ion: 94 Resp: 71811
 Ion Ratio Lower Upper
 94 100
 96 95.6 66.4 123.2

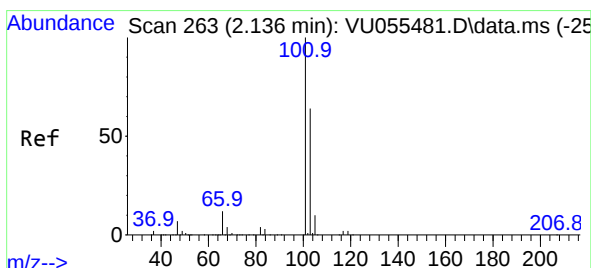
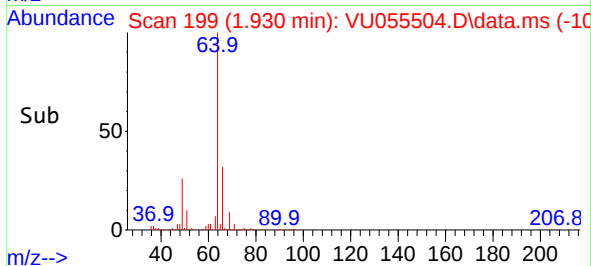
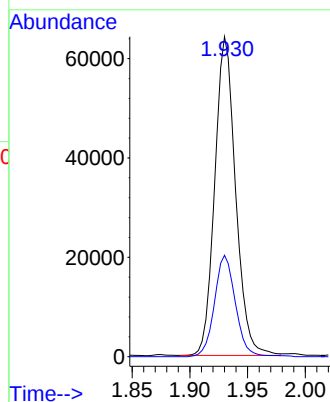
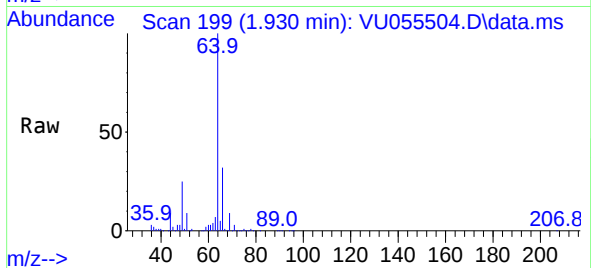




#8
Chloroethane
Concen: 4.120 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

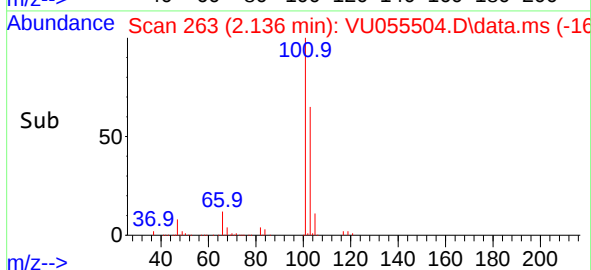
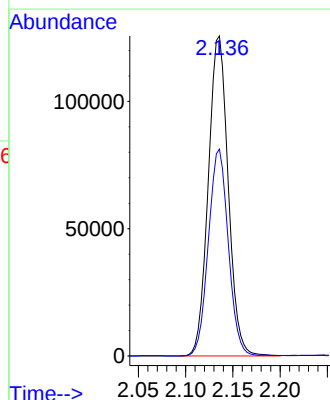
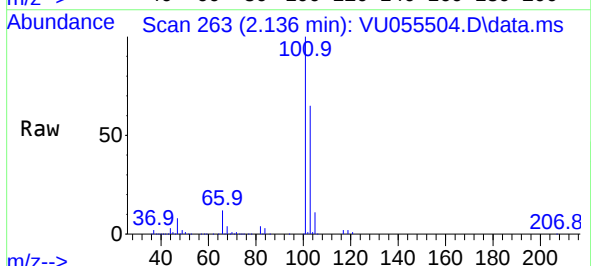
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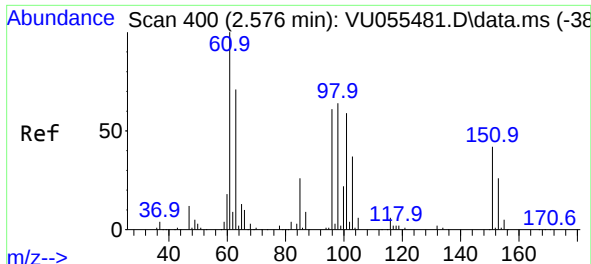
Tgt Ion: 64 Resp: 80494
Ion Ratio Lower Upper
64 100
66 31.7 23.7 44.1



#9
Trichlorofluoromethane
Concen: 4.437 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.007 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

Tgt Ion:101 Resp: 184219
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0

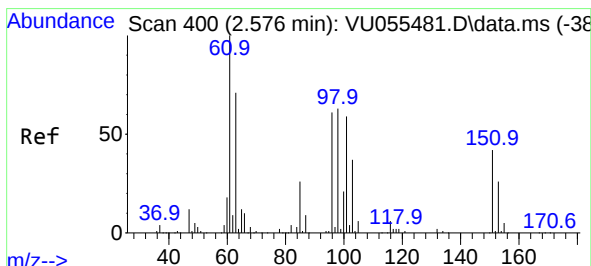
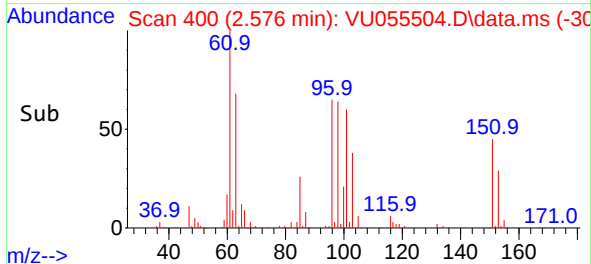
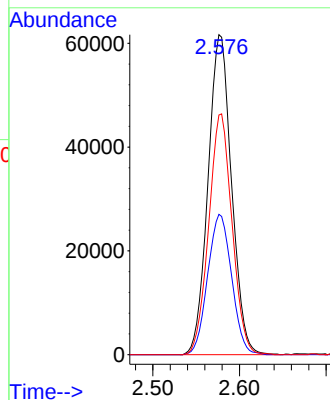
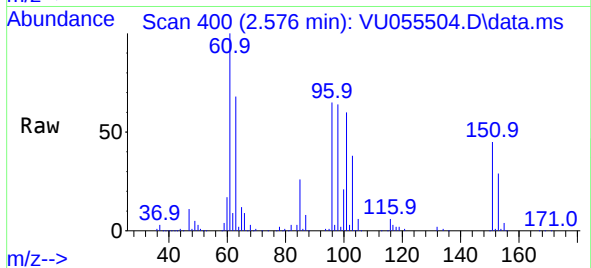




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.603 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

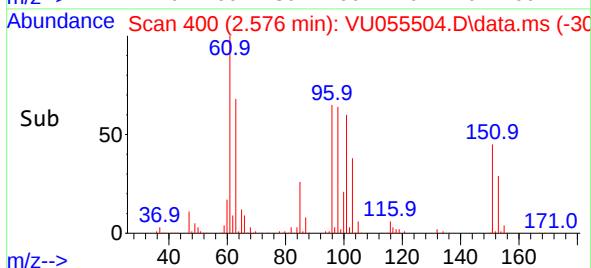
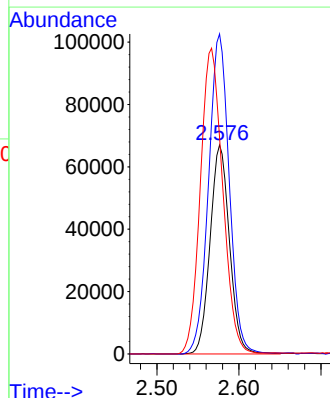
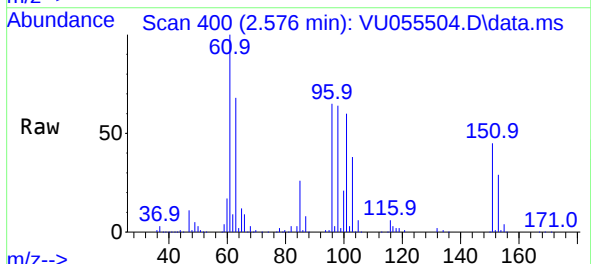
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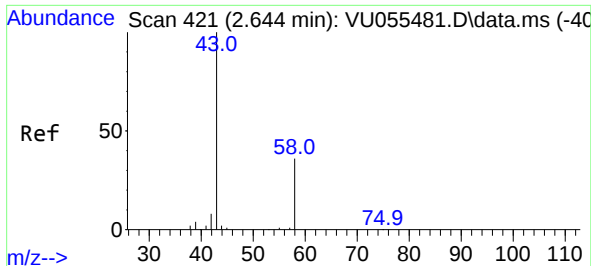
Tgt Ion:101 Resp: 116275
Ion Ratio Lower Upper
101 100
85 44.6 35.8 53.6
151 74.7 58.2 87.4



#12
1,1-Dichloroethene
Concen: 4.860 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

Tgt Ion: 96 Resp: 110103
Ion Ratio Lower Upper
96 100
61 153.1 114.5 212.7
63 103.7 98.3 182.5





#13

Acetone

Concen: 42.650 ug/L

RT: 2.641 min Scan# 421

Delta R.T. 0.000 min

Lab File: VU055504.D

Acq: 25 Sep 2023 18:49

Instrument :

MSVOA_U

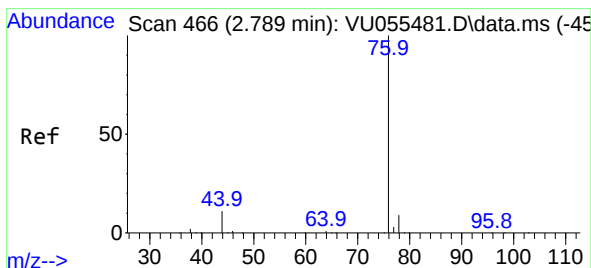
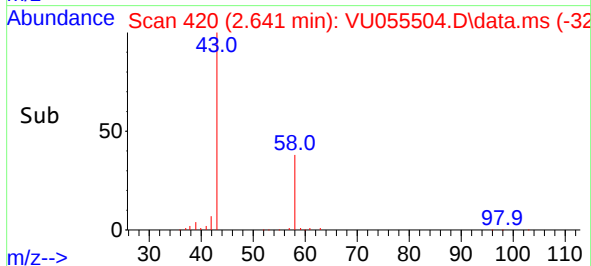
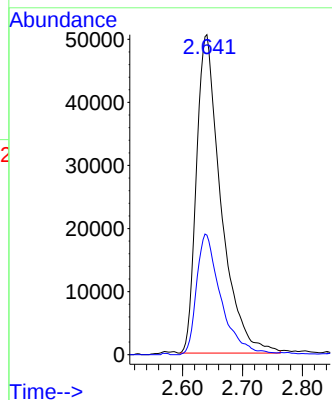
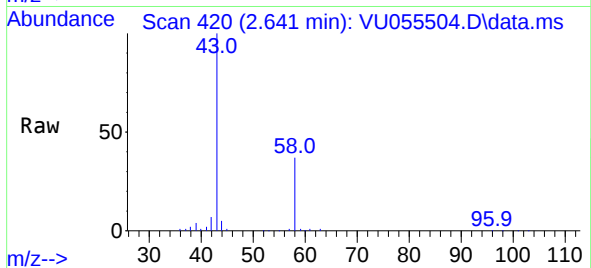
ClientSampleId :

Tgt Ion: 43 Resp: 143804

Ion Ratio Lower Upper

43 100

58 37.7 0.0 72.2



#14

Carbon disulfide

Concen: 4.938 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU055504.D

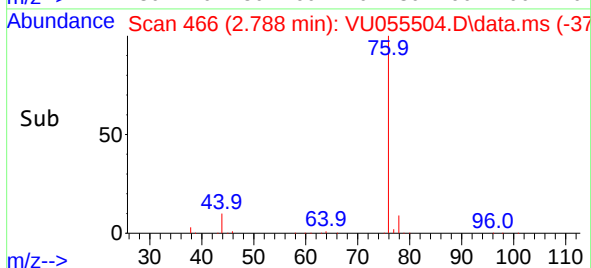
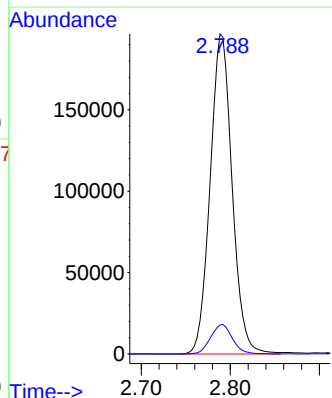
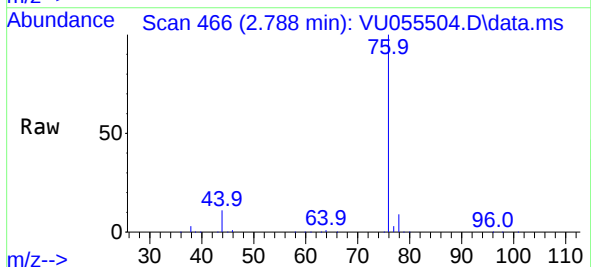
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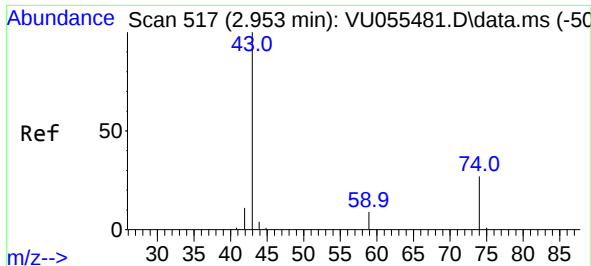
Tgt Ion: 76 Resp: 336269

Ion Ratio Lower Upper

76 100

78 9.1 7.7 11.5

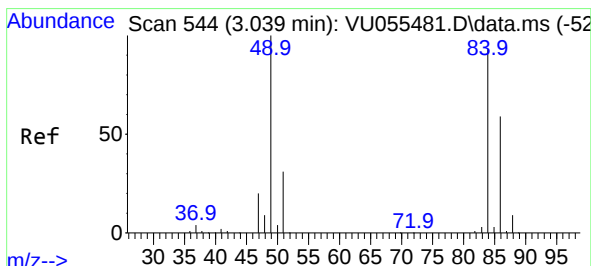
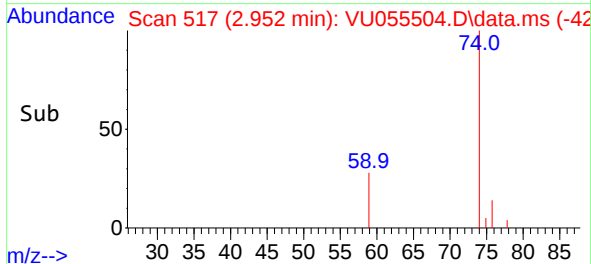
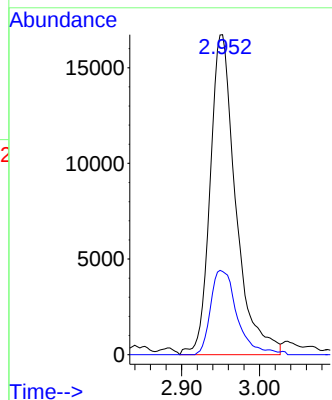
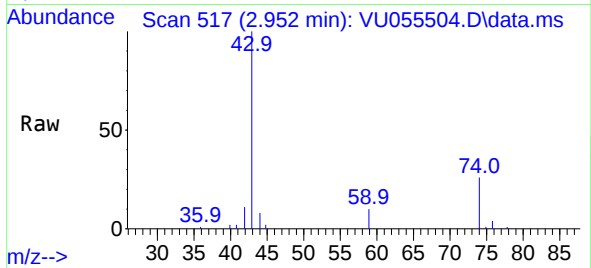




#15
Methyl Acetate
Concen: 4.970 ug/L
RT: 2.952 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

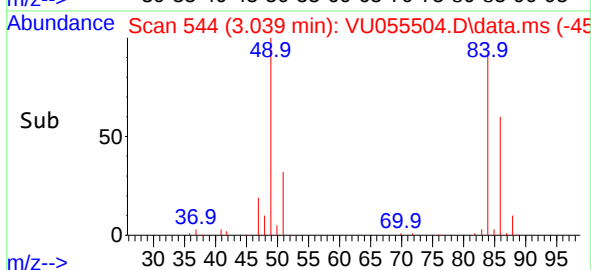
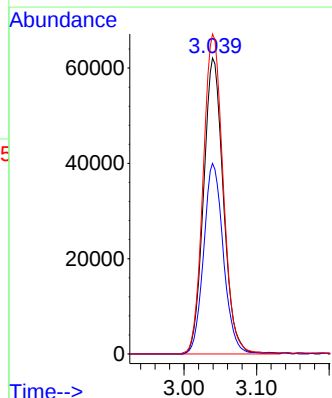
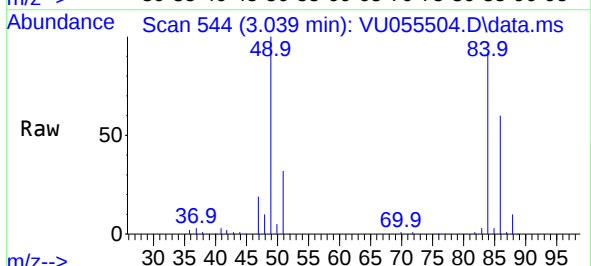
Instrument :
MSVOA_U
ClientSampleId :

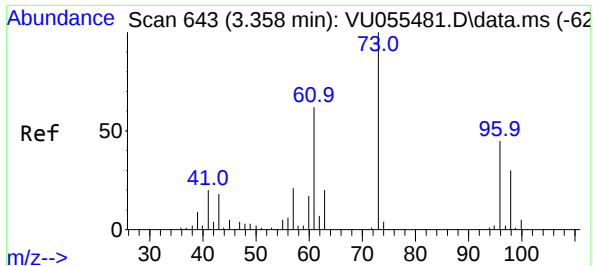
Tgt Ion: 43 Resp: 38208
Ion Ratio Lower Upper
43 100
74 26.6 22.3 33.5



#16
Methylene chloride
Concen: 4.347 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

Tgt Ion: 84 Resp: 117979
Ion Ratio Lower Upper
84 100
86 64.4 44.9 83.3
49 108.1 78.8 146.3

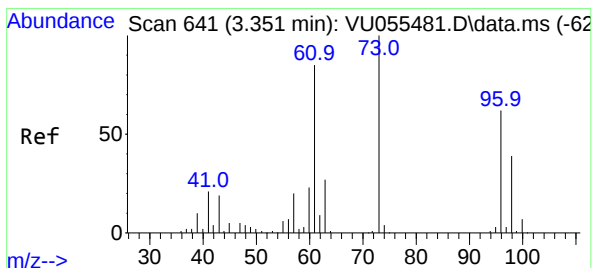
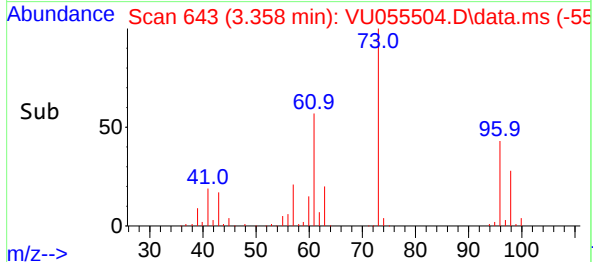
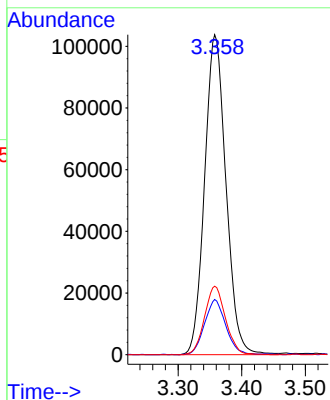
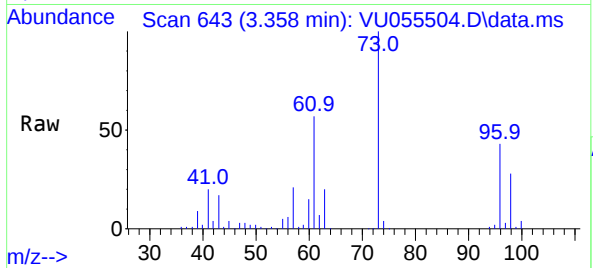




#17
Methyl tert-butyl Ether
Concen: 4.919 ug/L
RT: 3.358 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

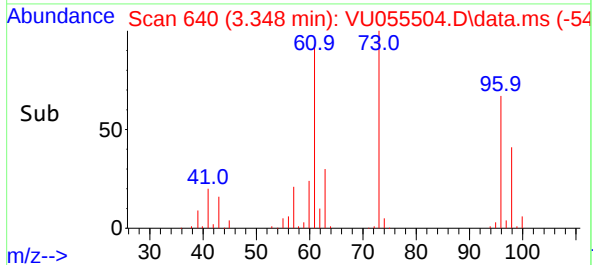
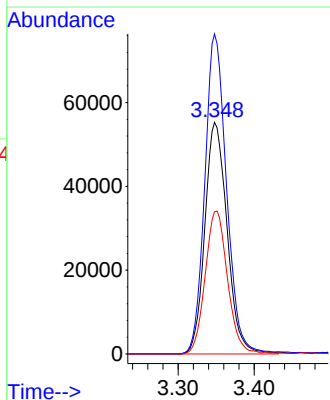
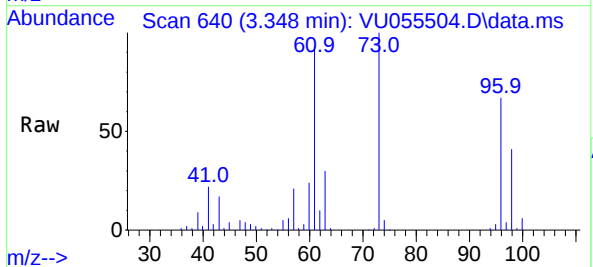
Instrument :
MSVOA_U
ClientSampleId :

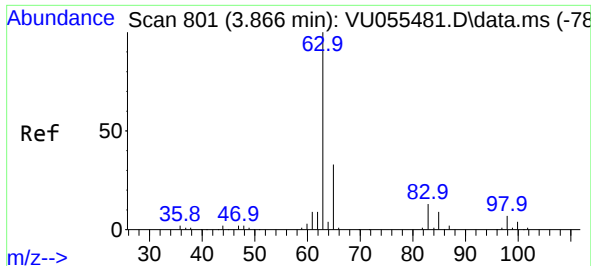
Tgt Ion: 73 Resp: 241722
Ion Ratio Lower Upper
73 100
43 17.2 14.9 22.3
57 21.1 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 4.927 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

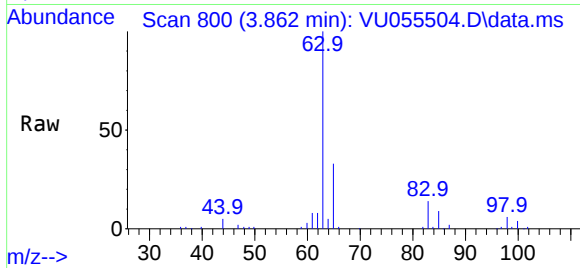
Tgt Ion: 96 Resp: 112503
Ion Ratio Lower Upper
96 100
61 138.1 94.6 175.6
98 61.4 45.7 84.9



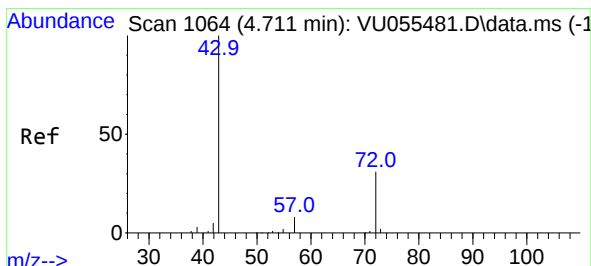
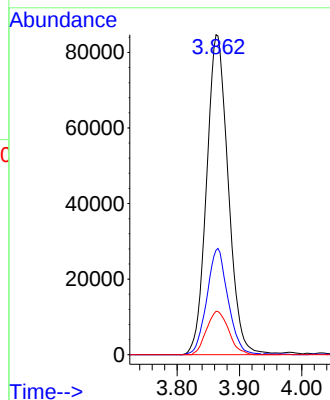
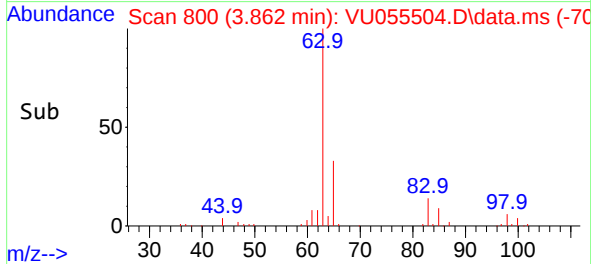


#19
1,1-Dichloroethane
Concen: 4.830 ug/L
RT: 3.862 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

Instrument :
MSVOA_U
ClientSampleId :

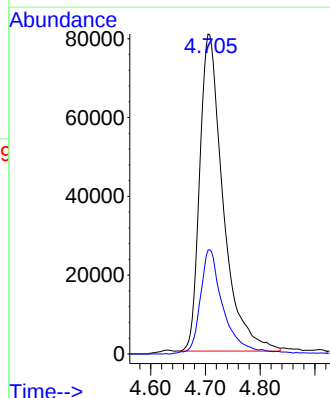
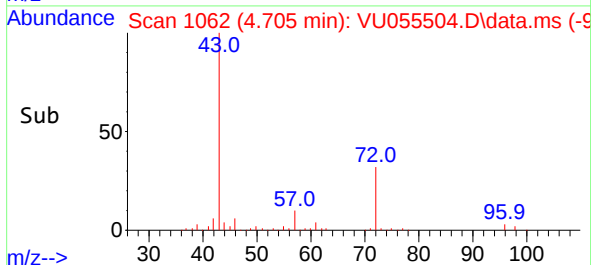
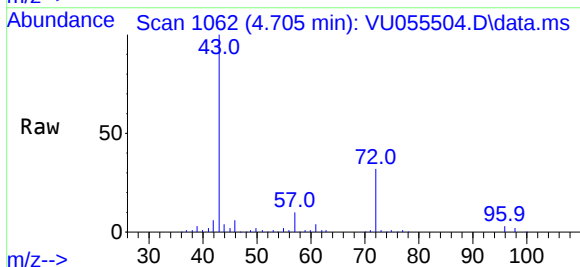


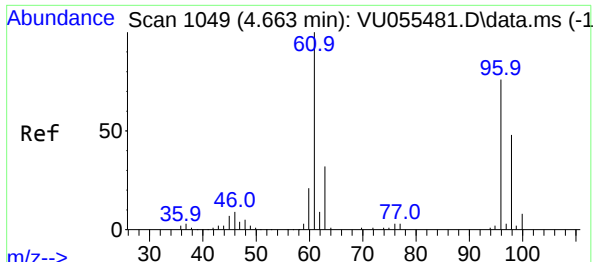
Tgt Ion: 63 Resp: 203960
Ion Ratio Lower Upper
63 100
65 32.7 22.0 41.0
83 13.6 10.1 18.9



#21
2-Butanone
Concen: 48.281 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

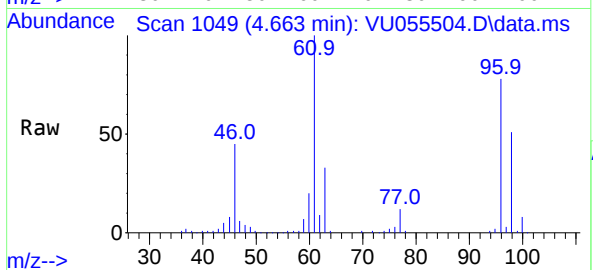
Tgt Ion: 43 Resp: 238760
Ion Ratio Lower Upper
43 100
72 31.7 15.1 45.3



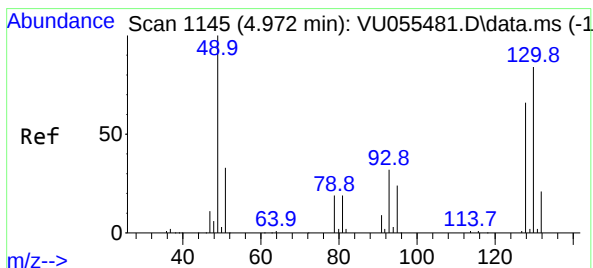
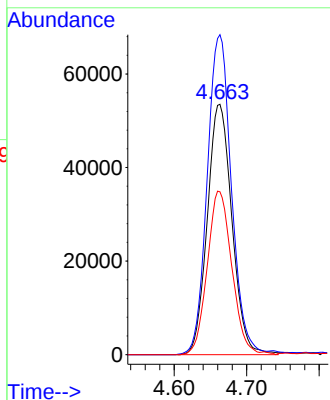
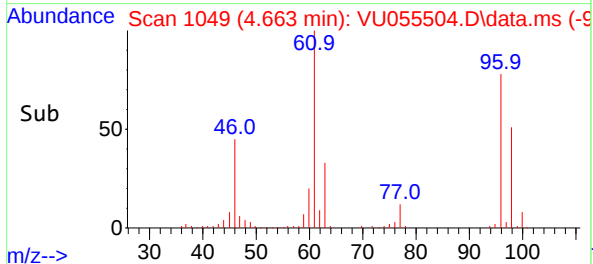


#22
cis-1,2-Dichloroethene
Concen: 4.779 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

Instrument :
MSVOA_U
ClientSampleId :

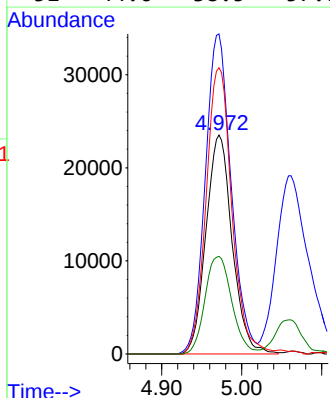
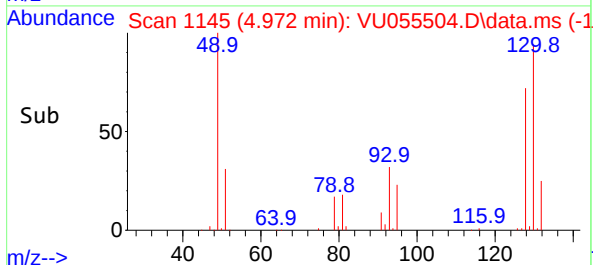
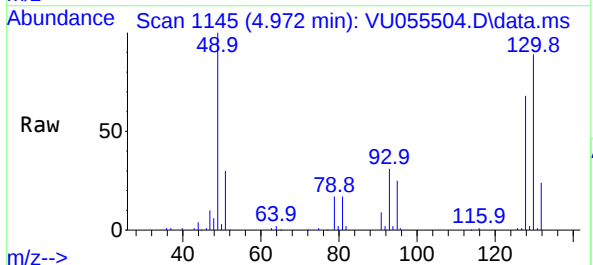


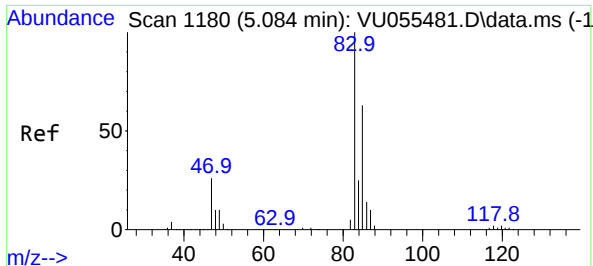
Tgt Ion: 96 Resp: 126519
Ion Ratio Lower Upper
96 100
61 127.8 87.8 163.2
98 65.0 44.4 82.4



#23
Bromochloromethane
Concen: 4.784 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

Tgt Ion:128 Resp: 53527
Ion Ratio Lower Upper
128 100
49 146.2 102.8 191.0
130 130.8 89.9 166.9
51 44.6 38.5 57.7

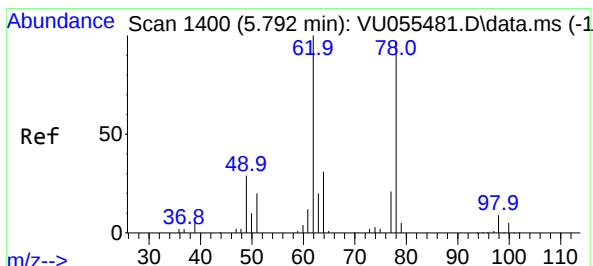
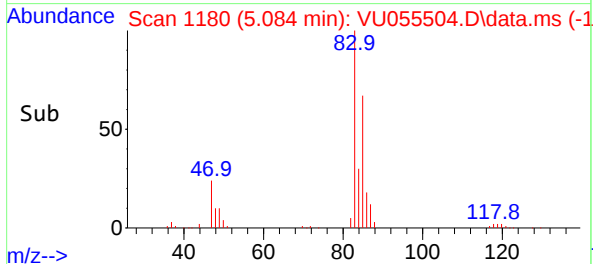
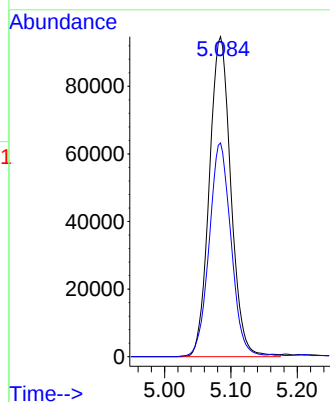
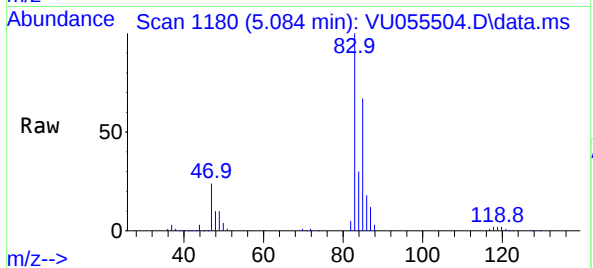




#25
Chloroform
Concen: 4.786 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

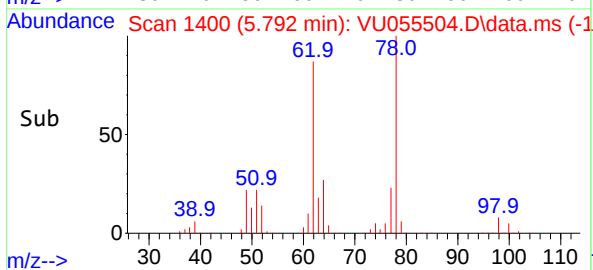
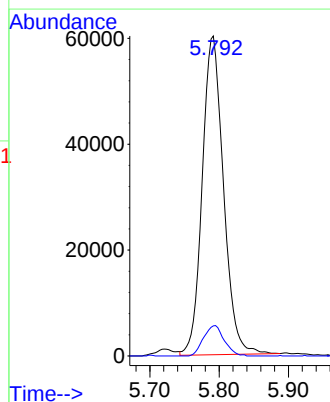
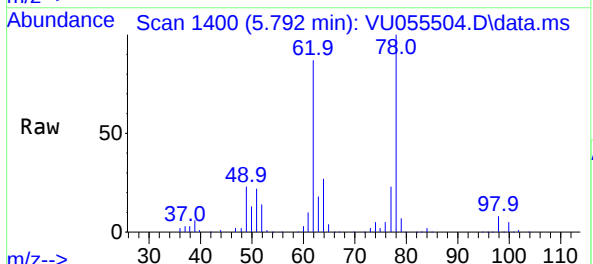
Instrument :
MSVOA_U
ClientSampleId :

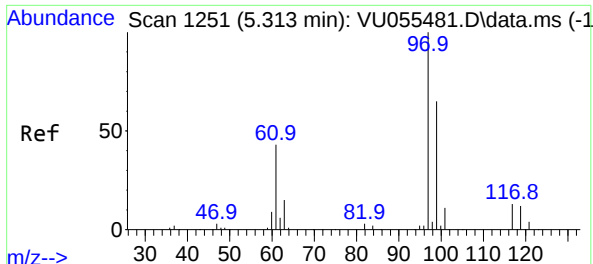
Tgt Ion: 83 Resp: 213997
Ion Ratio Lower Upper
83 100
85 66.8 44.9 83.5



#27
1,2-Dichloroethane
Concen: 4.676 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

Tgt Ion: 62 Resp: 128227
Ion Ratio Lower Upper
62 100
98 9.4 7.0 10.4

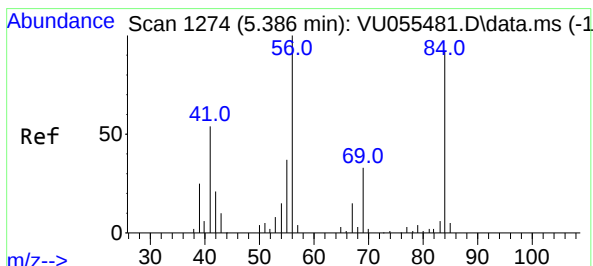
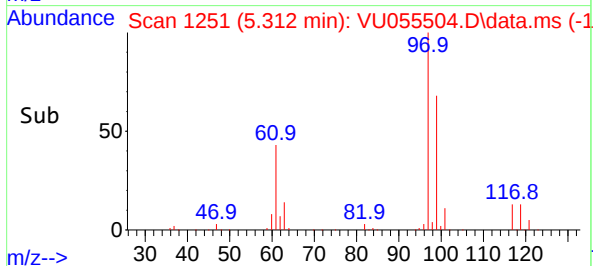
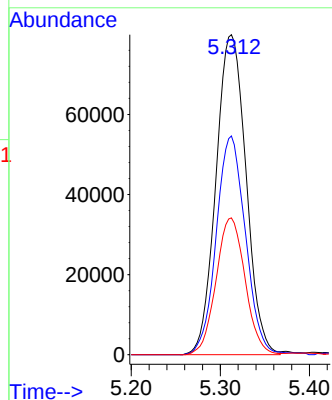
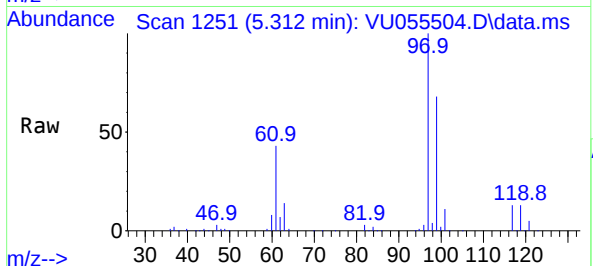




#29
1,1,1-Trichloroethane
Concen: 5.001 ug/L
RT: 5.312 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

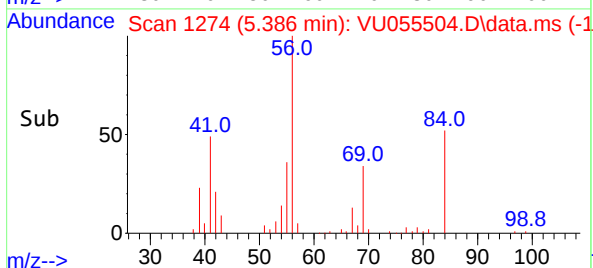
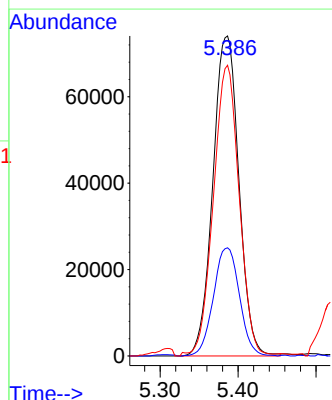
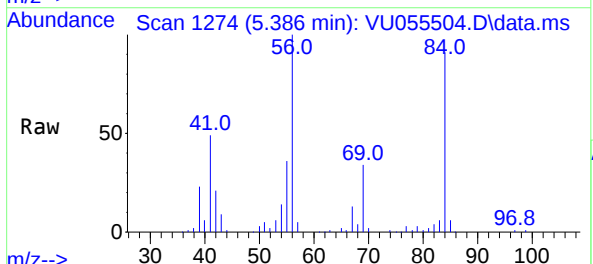
Instrument :
MSVOA_U
ClientSampleId :

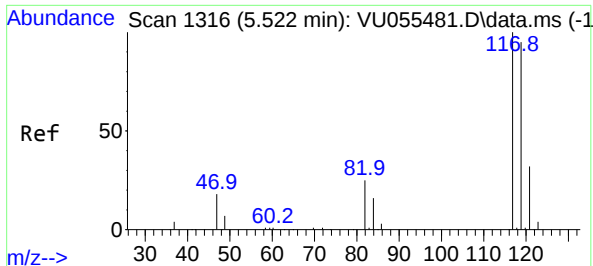
Tgt Ion: 97 Resp: 187371
Ion Ratio Lower Upper
97 100
99 66.7 50.7 76.1
61 41.3 34.6 51.8



#30
Cyclohexane
Concen: 5.012 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

Tgt Ion: 56 Resp: 171902
Ion Ratio Lower Upper
56 100
69 33.8 26.5 39.7
84 89.9 72.6 108.8

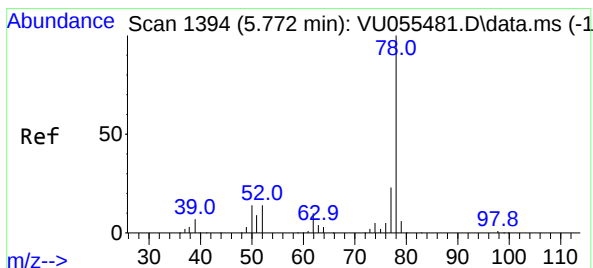
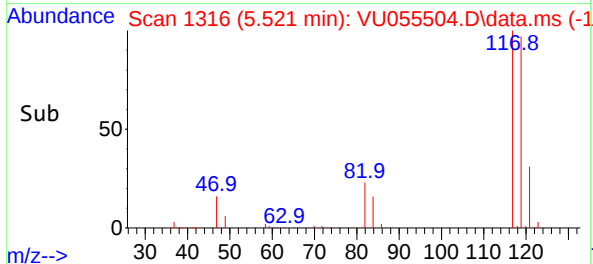
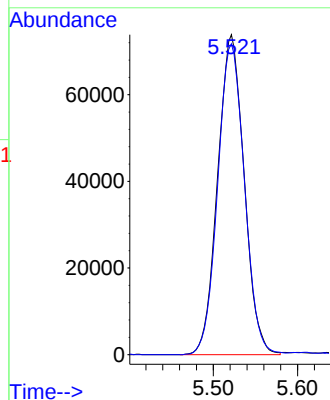
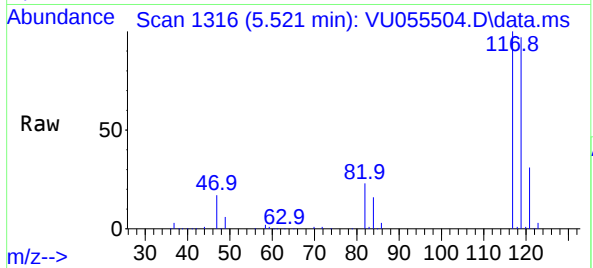




#31
Carbon tetrachloride
Concen: 5.008 ug/L
RT: 5.521 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

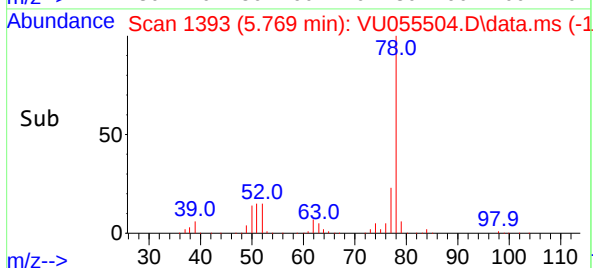
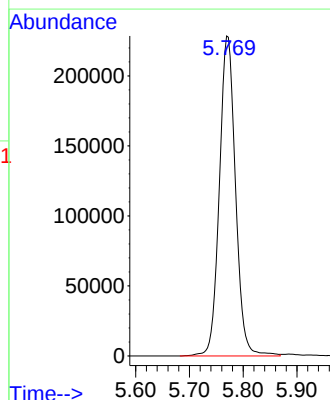
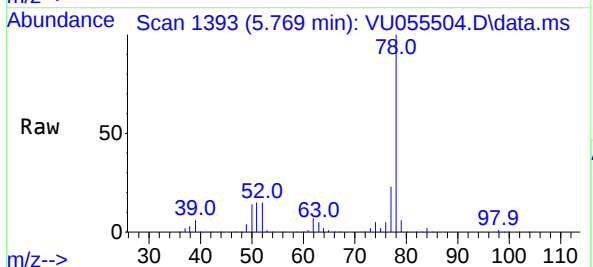
Instrument :
MSVOA_U
ClientSampleId :

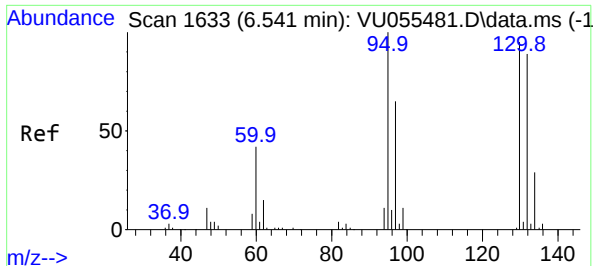
Tgt Ion:117 Resp: 160849
Ion Ratio Lower Upper
117 100
119 98.1 75.2 112.8



#33
Benzene
Concen: 5.046 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

Tgt Ion: 78 Resp: 477347





#34

Trichloroethene

Concen: 4.818 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055504.D

Acq: 25 Sep 2023 18:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 128933

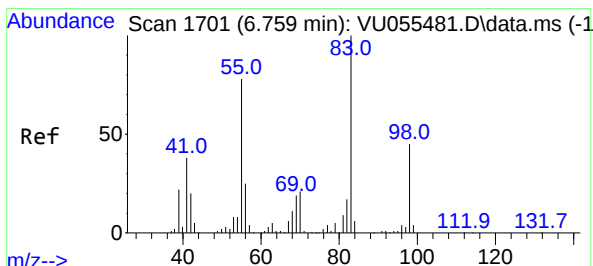
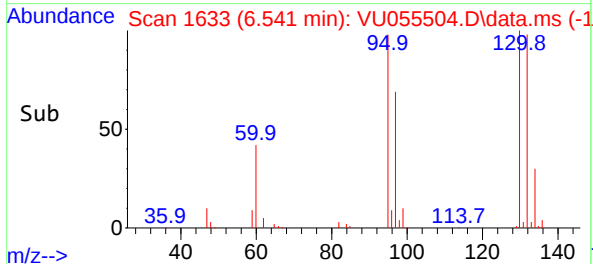
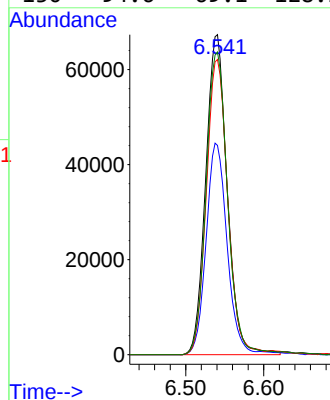
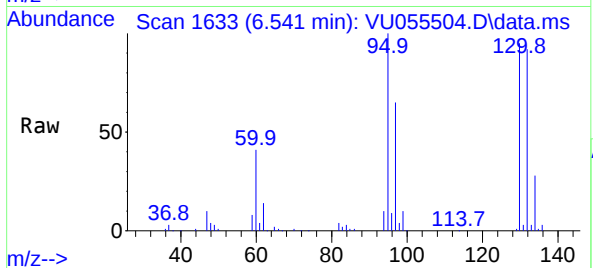
Ion Ratio Lower Upper

95 100

97 65.4 45.4 84.2

132 92.2 65.2 121.2

130 94.6 69.1 128.3



#35

Methylcyclohexane

Concen: 4.816 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VU055504.D

Acq: 25 Sep 2023 18:49

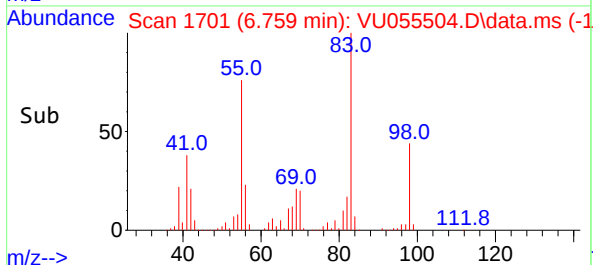
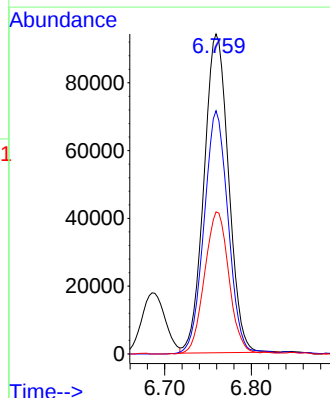
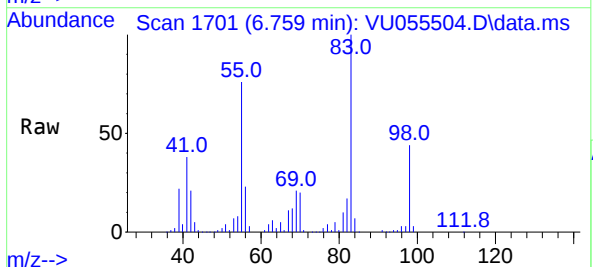
Tgt Ion: 83 Resp: 185634

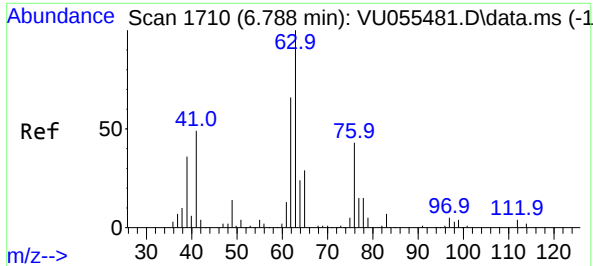
Ion Ratio Lower Upper

83 100

55 75.1 59.1 88.7

98 44.3 36.3 54.5

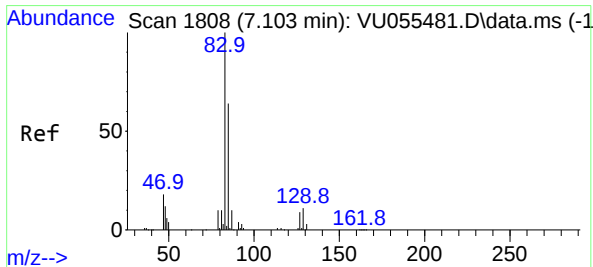
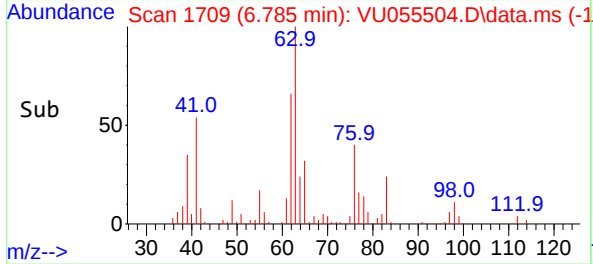
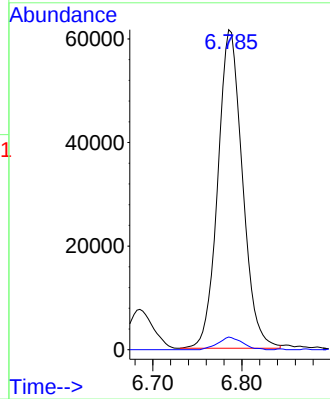
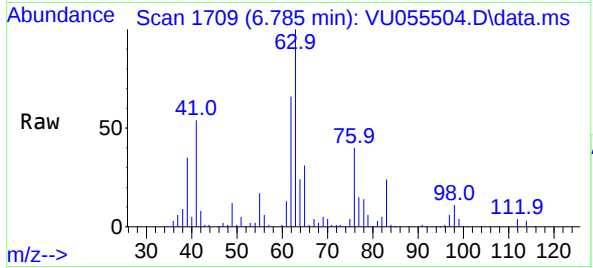




#37
 1,2-Dichloropropane
 Concen: 4.784 ug/L
 RT: 6.785 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VU055504.D
 Acq: 25 Sep 2023 18:49

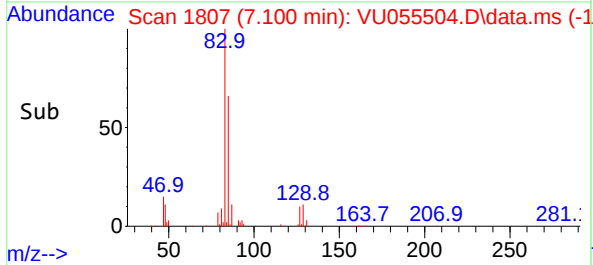
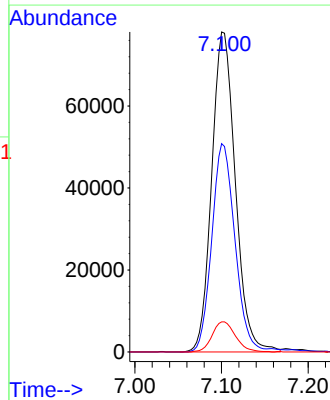
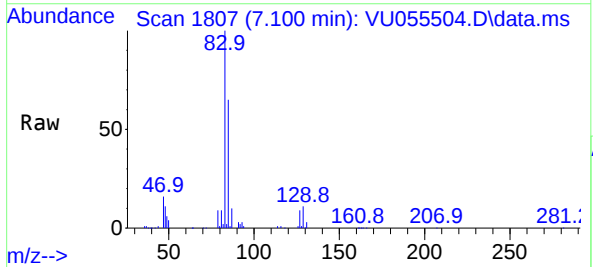
Instrument :
 MSVOA_U
 ClientSampleId :

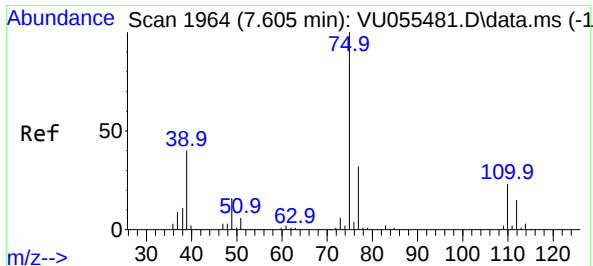
Tgt Ion: 63 Resp: 118369
 Ion Ratio Lower Upper
 63 100
 112 3.9 3.0 4.6



#38
 Bromodichloromethane
 Concen: 5.105 ug/L
 RT: 7.100 min Scan# 1807
 Delta R.T. -0.003 min
 Lab File: VU055504.D
 Acq: 25 Sep 2023 18:49

Tgt Ion: 83 Resp: 148003
 Ion Ratio Lower Upper
 83 100
 85 65.1 46.8 86.8
 127 9.4 7.2 10.8

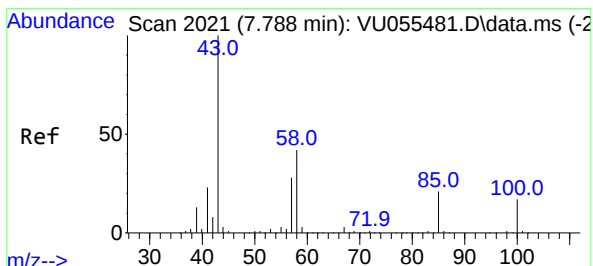
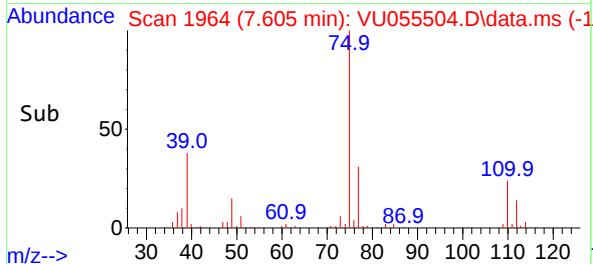
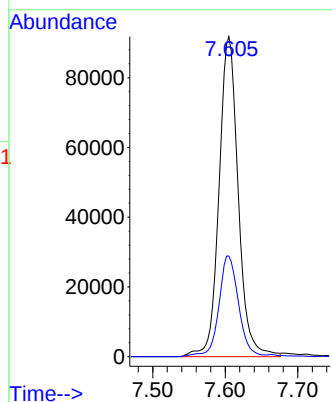
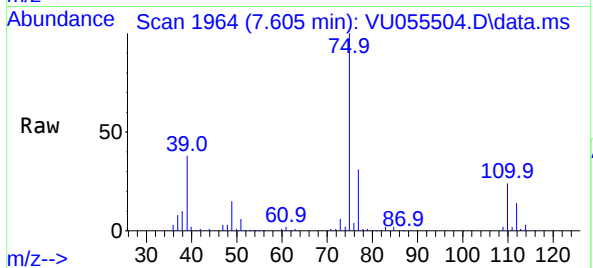




#39
 cis-1,3-Dichloropropene
 Concen: 5.118 ug/L
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU055504.D
 Acq: 25 Sep 2023 18:49

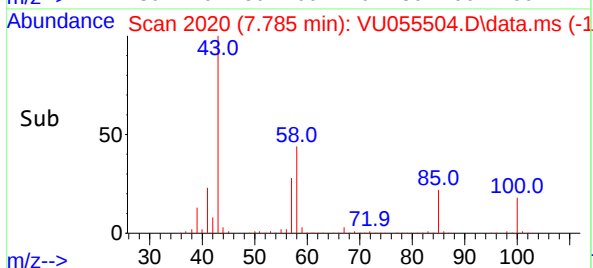
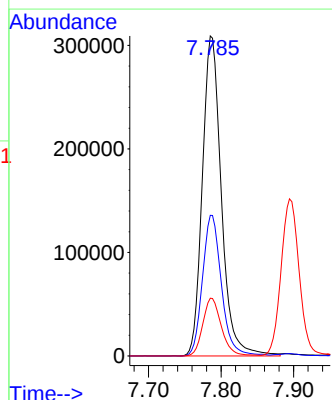
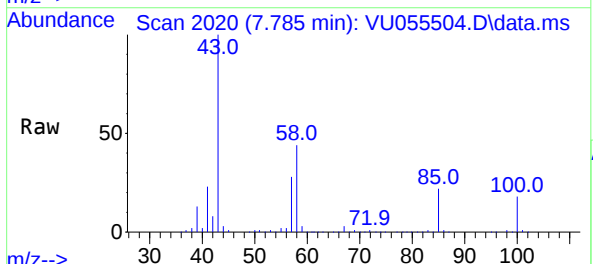
Instrument :
 MSVOA_U
 ClientSampleId :

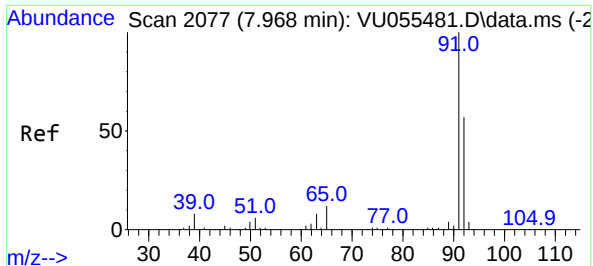
Tgt Ion: 75 Resp: 169007
 Ion Ratio Lower Upper
 75 100
 77 31.5 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 50.240 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.003 min
 Lab File: VU055504.D
 Acq: 25 Sep 2023 18:49

Tgt Ion: 43 Resp: 563825
 Ion Ratio Lower Upper
 43 100
 58 43.9 34.2 51.4
 100 17.6 13.4 20.0





#42

Toluene

Concen: 4.992 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU055504.D

Acq: 25 Sep 2023 18:49

Instrument :

MSVOA_U

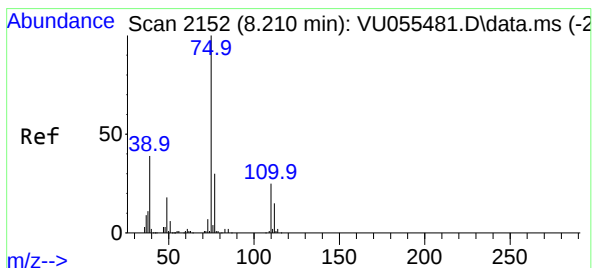
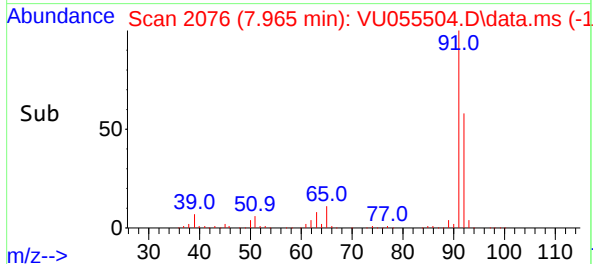
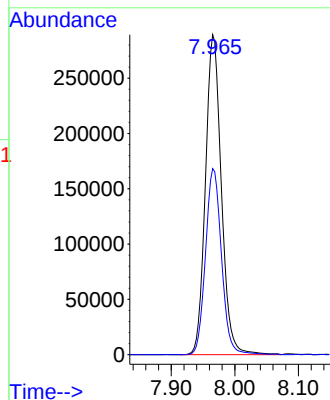
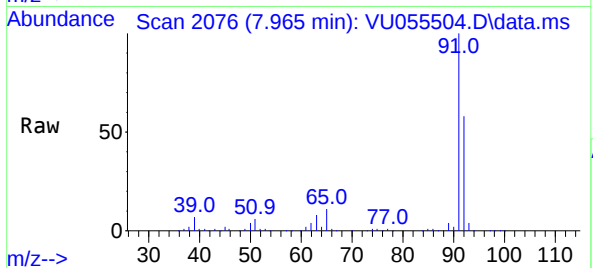
ClientSampleId :

Tgt Ion: 91 Resp: 503745

Ion Ratio Lower Upper

91 100

92 58.2 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.136 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.003 min

Lab File: VU055504.D

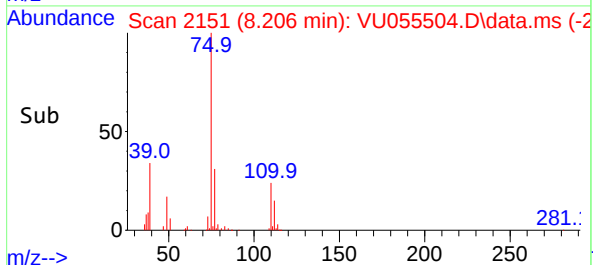
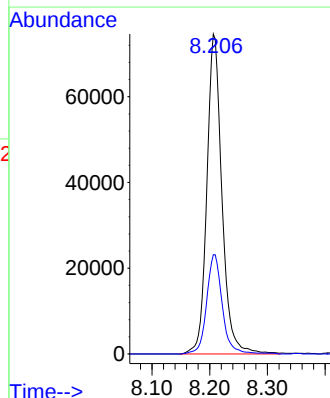
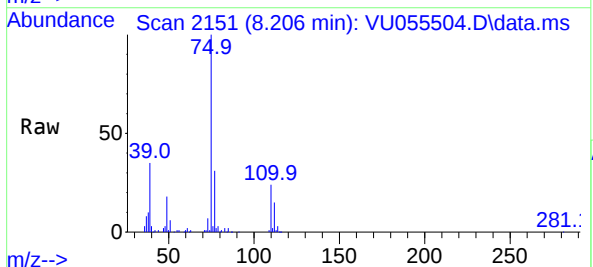
Acq: 25 Sep 2023 18:49

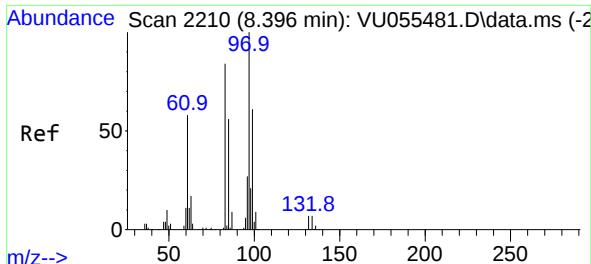
Tgt Ion: 75 Resp: 135694

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.4



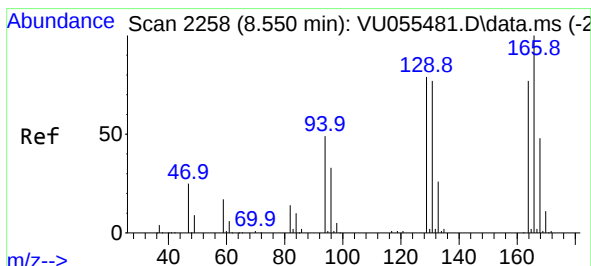
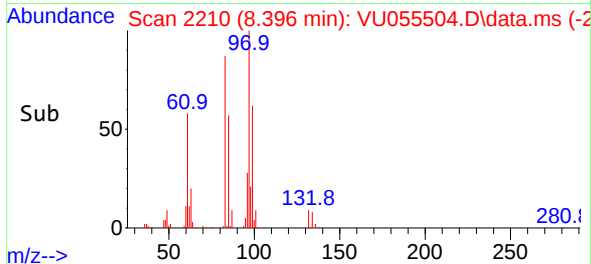
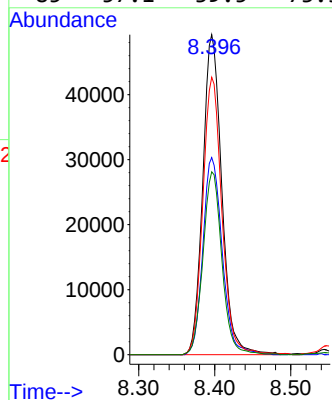
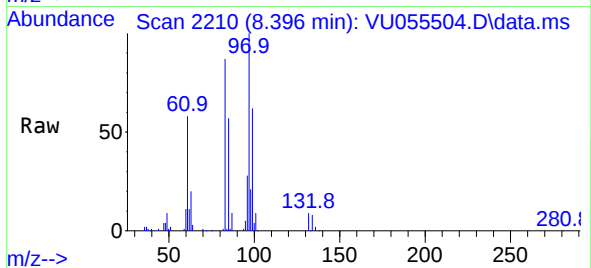


#45
1,1,2-Trichloroethane
Concen: 4.929 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 85510

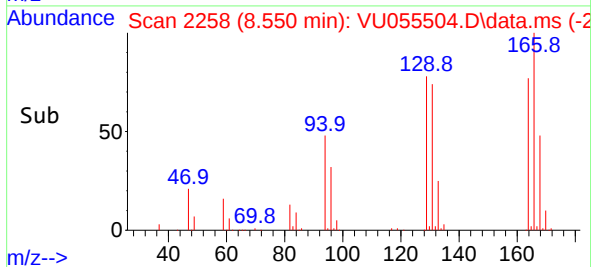
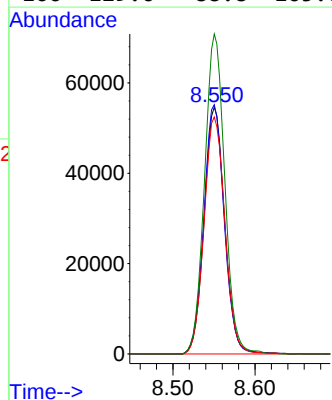
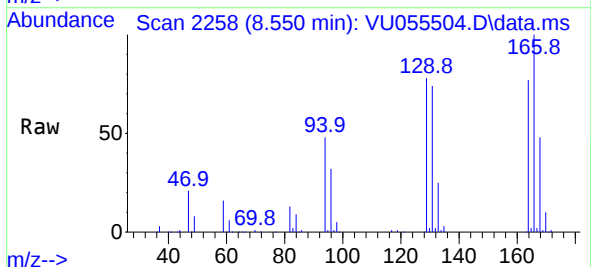
Ion	Ratio	Lower	Upper
97	100		
99	61.6	44.1	81.9
83	86.7	61.5	114.1
85	57.1	39.5	73.3

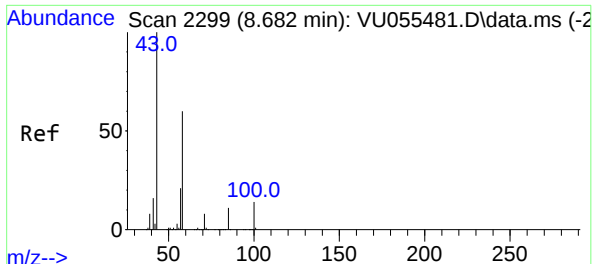


#47
Tetrachloroethene
Concen: 4.949 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

Tgt Ion: 164 Resp: 94995

Ion	Ratio	Lower	Upper
164	100		
129	101.0	67.4	125.2
131	96.0	66.4	123.2
166	129.6	88.8	165.0



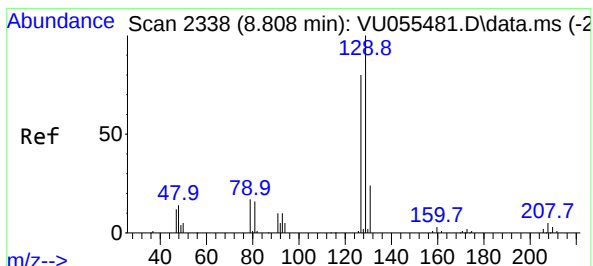
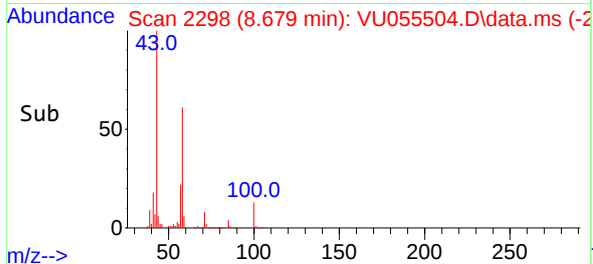
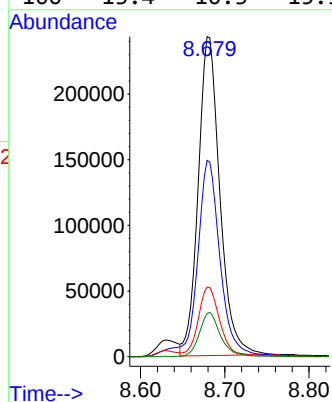
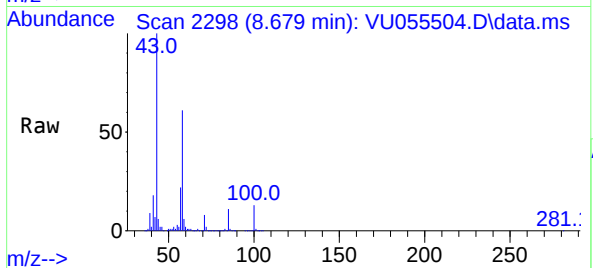


#48
2-Hexanone
Concen: 50.069 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 435488

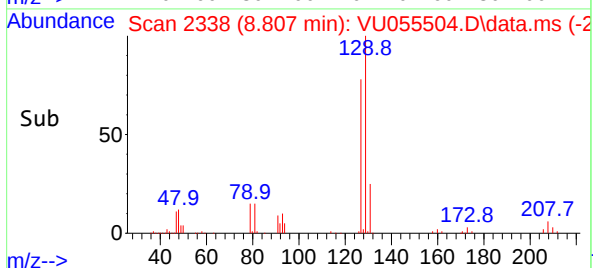
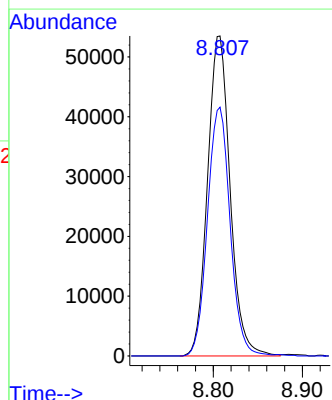
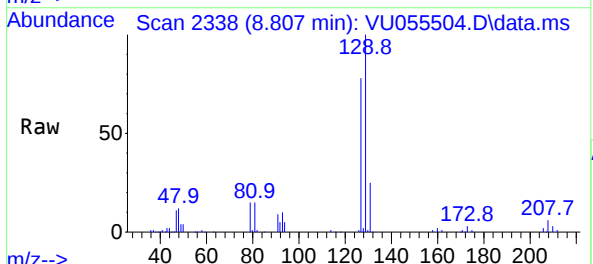
Ion	Ratio	Lower	Upper
43	100		
58	64.9	48.5	72.7
57	22.0	17.0	25.4
100	13.4	10.3	15.5

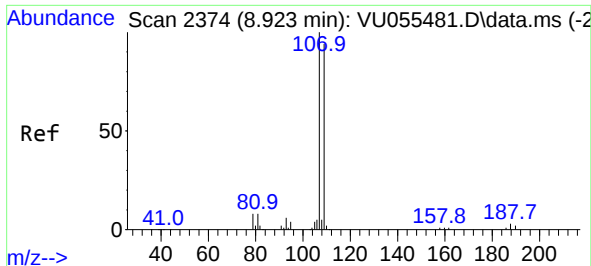


#49
Dibromochloromethane
Concen: 5.184 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

Tgt Ion: 129 Resp: 94266

Ion	Ratio	Lower	Upper
129	100		
127	77.8	56.8	105.6

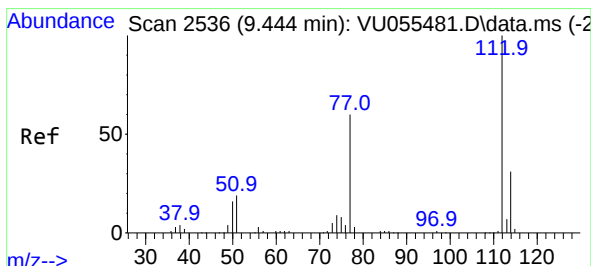
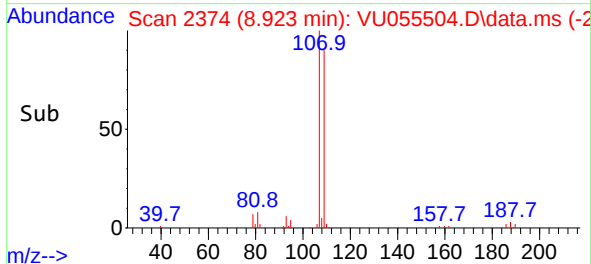
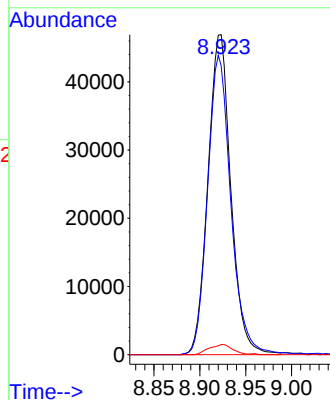
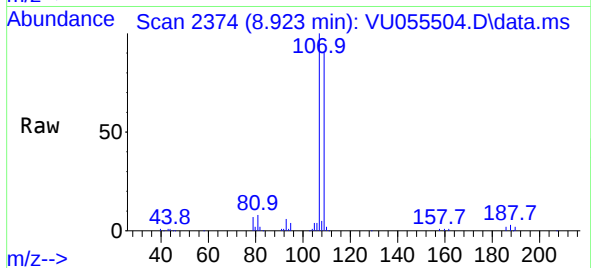




#50
1,2-Dibromoethane
Concen: 5.069 ug/L
RT: 8.923 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

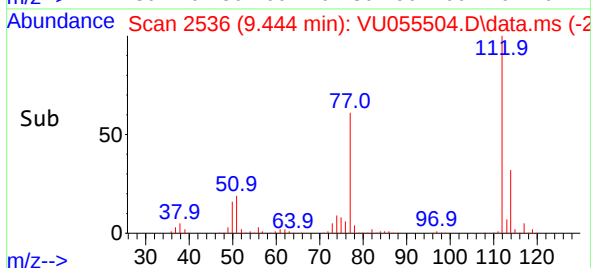
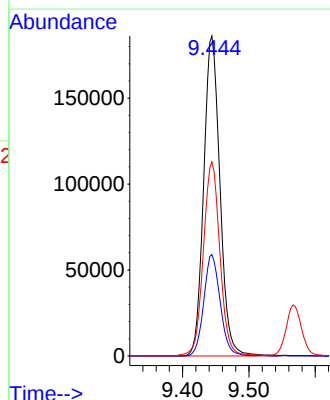
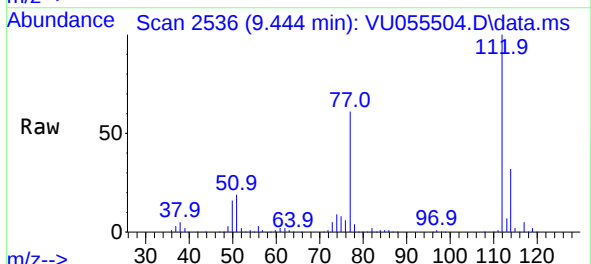
Instrument :
MSVOA_U
ClientSampleId :

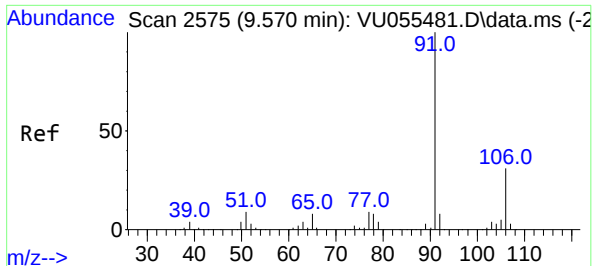
Tgt Ion:107 Resp: 81610
Ion Ratio Lower Upper
107 100
109 90.2 66.1 122.8
188 3.1 3.2 4.8#



#51
Chlorobenzene
Concen: 4.911 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

Tgt Ion:112 Resp: 317401
Ion Ratio Lower Upper
112 100
114 31.7 22.0 40.8
77 60.7 46.9 70.3

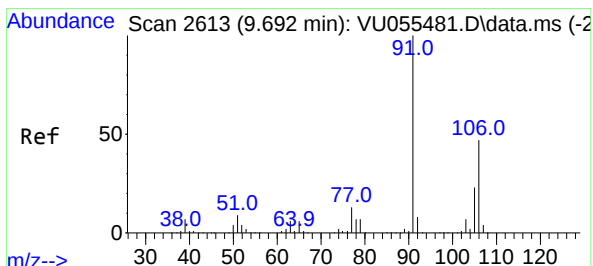
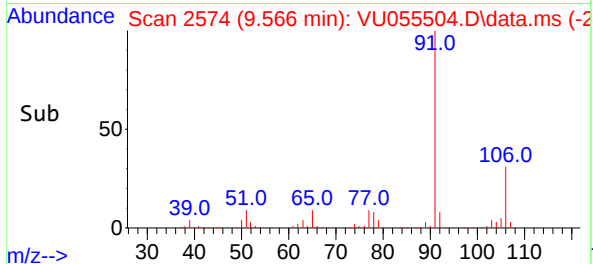
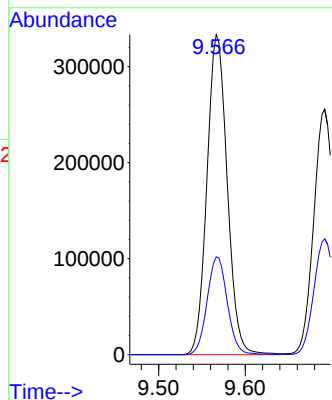
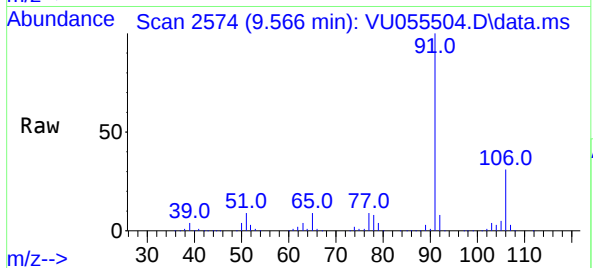




#52
Ethylbenzene
Concen: 5.006 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

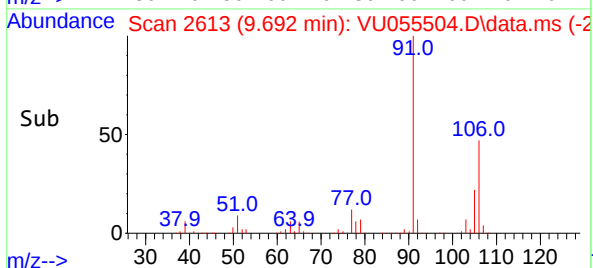
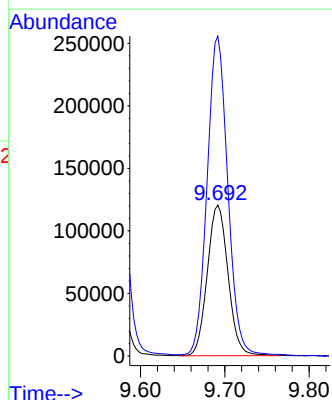
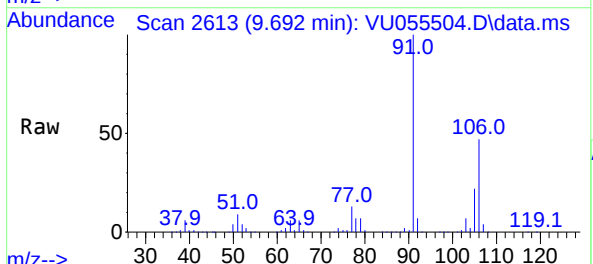
Instrument :
MSVOA_U
ClientSampleId :

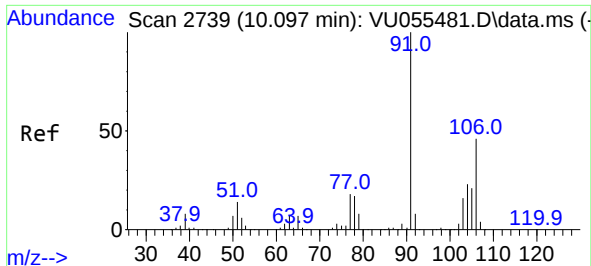
Tgt Ion: 91 Resp: 541550
Ion Ratio Lower Upper
91 100
106 30.6 22.4 41.6



#53
m,p-Xylene
Concen: 5.099 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

Tgt Ion: 106 Resp: 206729
Ion Ratio Lower Upper
106 100
91 212.1 144.8 269.0

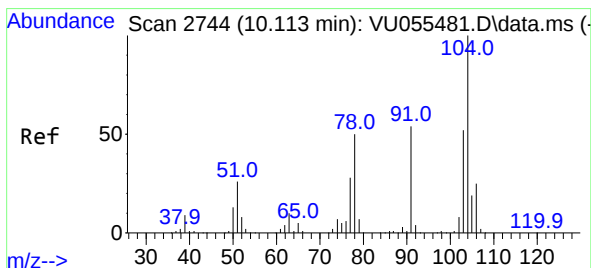
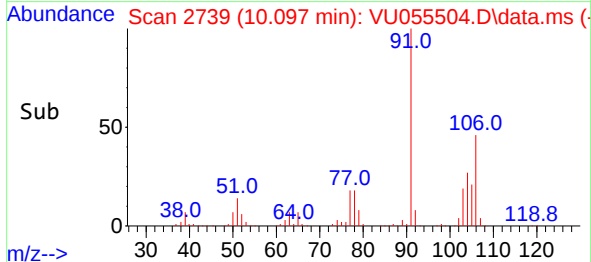
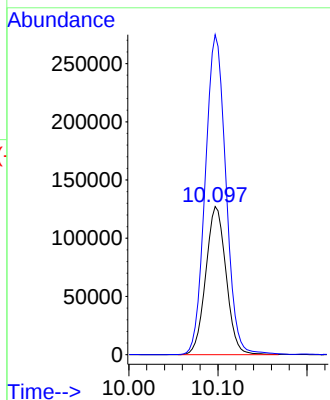
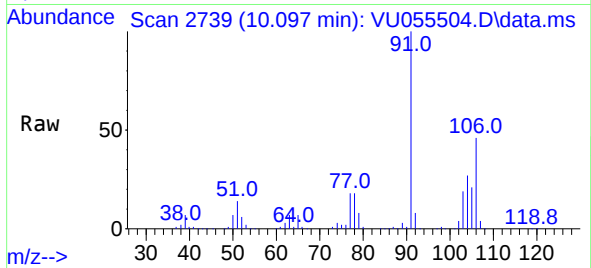




#54
o-Xylene
Concen: 5.106 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

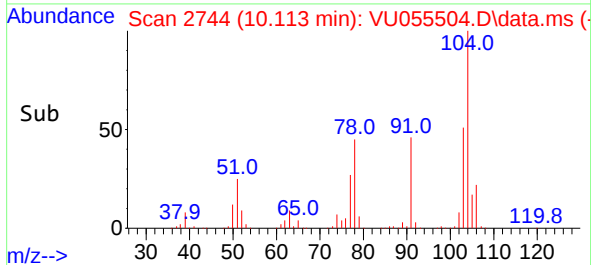
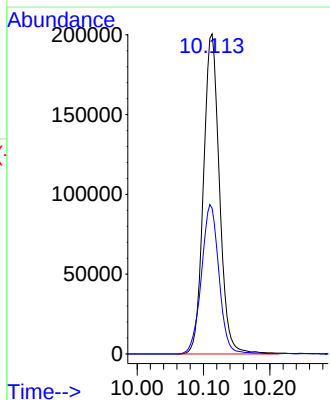
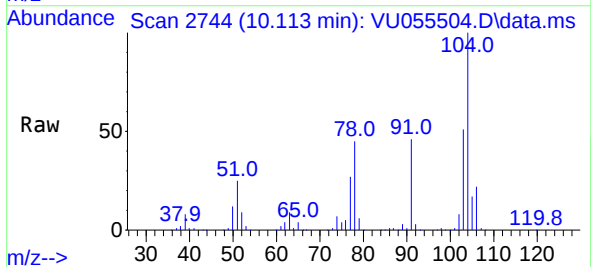
Instrument :
MSVOA_U
ClientSampleId :

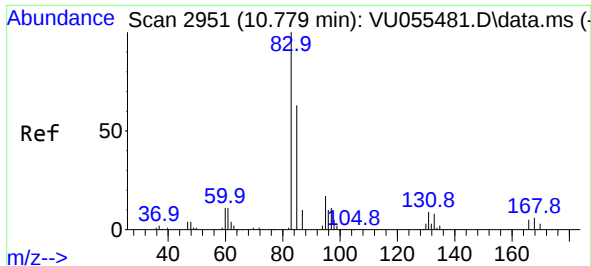
Tgt Ion:106 Resp: 201248
Ion Ratio Lower Upper
106 100
91 216.0 157.6 292.8



#55
Styrene
Concen: 5.275 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

Tgt Ion:104 Resp: 336179
Ion Ratio Lower Upper
104 100
78 45.5 31.2 58.0





#57

1,1,2-Tetrachloroethane

Concen: 5.159 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU055504.D

Acq: 25 Sep 2023 18:49

Instrument :

MSVOA_U

ClientSampleId :

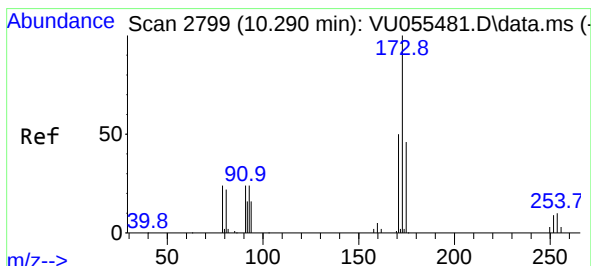
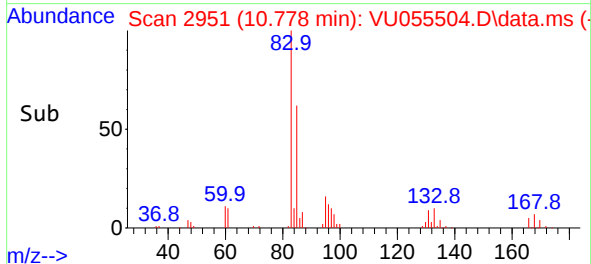
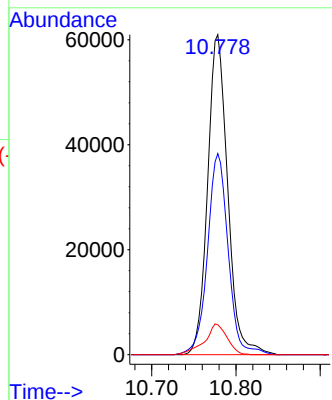
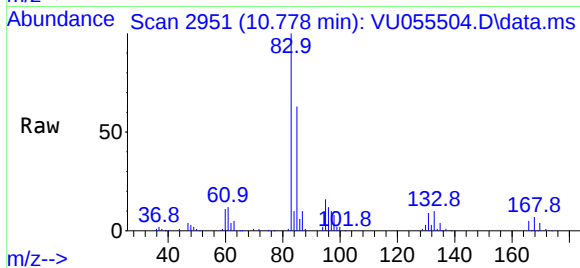
Tgt Ion: 83 Resp: 101033

Ion Ratio Lower Upper

83 100

85 62.8 44.4 82.5

131 9.4 7.4 11.2



#59

Bromoform

Concen: 5.266 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. -0.003 min

Lab File: VU055504.D

Acq: 25 Sep 2023 18:49

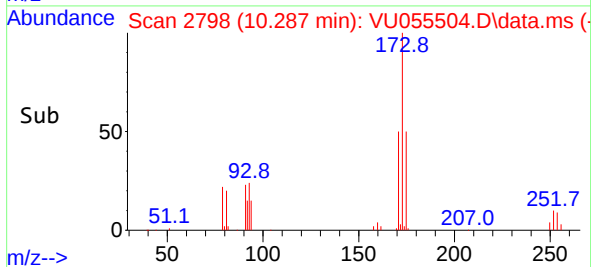
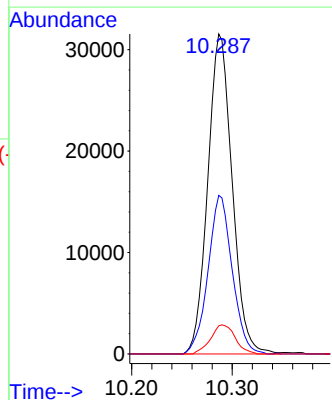
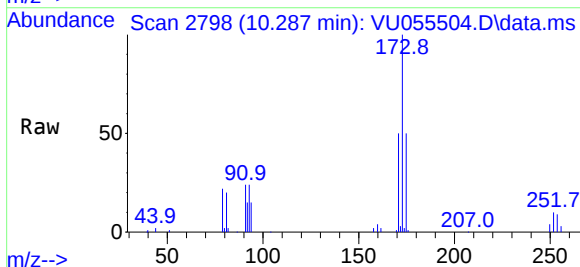
Tgt Ion:173 Resp: 53103

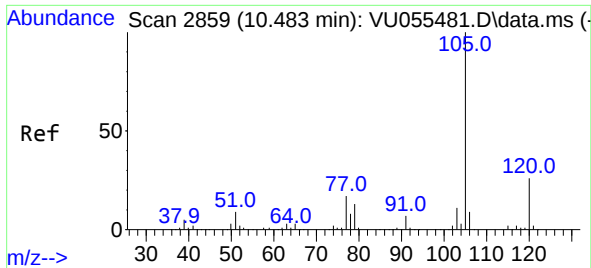
Ion Ratio Lower Upper

173 100

175 49.1 39.4 59.2

254 9.2 7.3 10.9

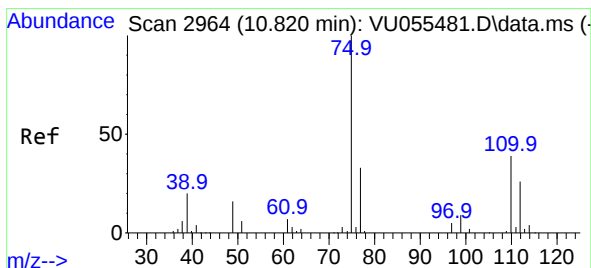
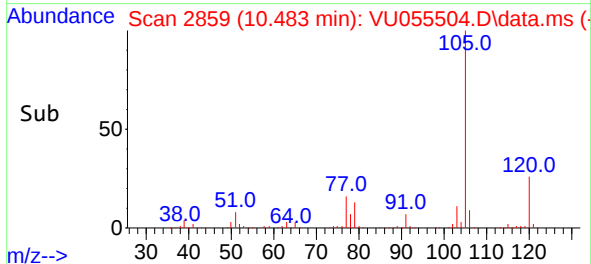
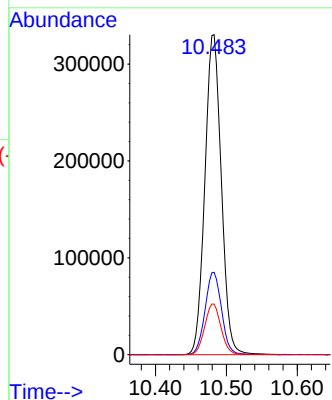
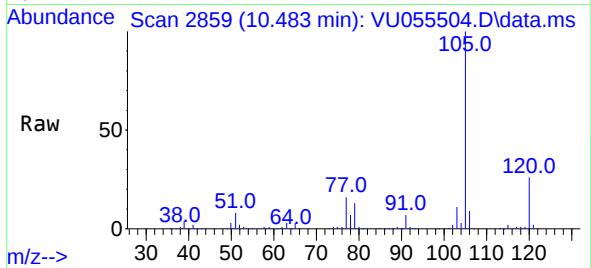




#60
Isopropylbenzene
Concen: 4.901 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

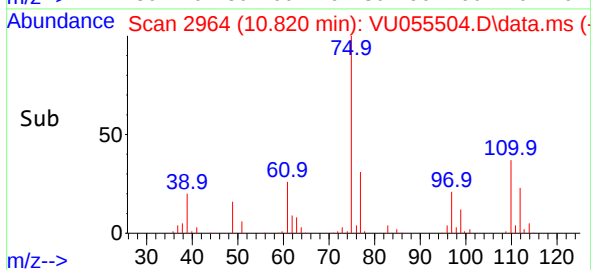
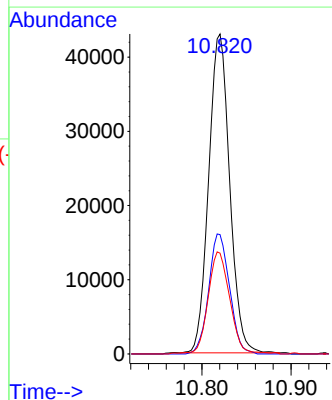
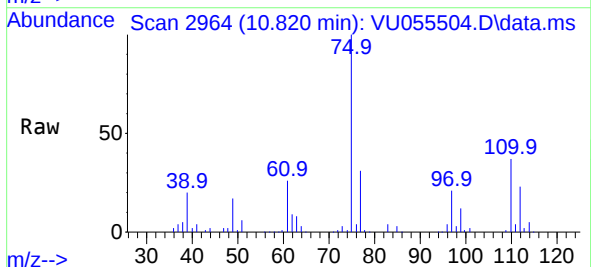
Instrument :
MSVOA_U
ClientSampleId :

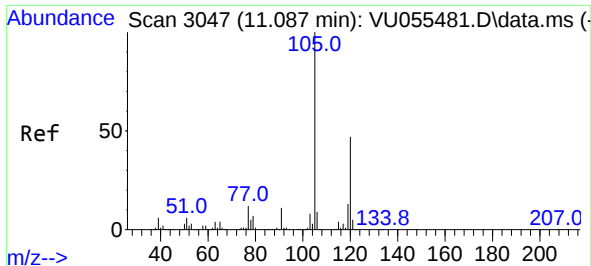
Tgt Ion:105 Resp: 531407
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.790 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

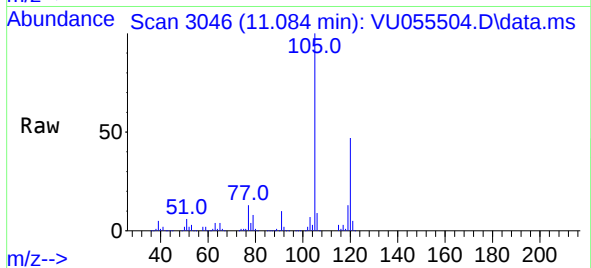
Tgt Ion: 75 Resp: 70356
Ion Ratio Lower Upper
75 100
110 37.3 30.6 45.8
77 33.2 26.7 40.1



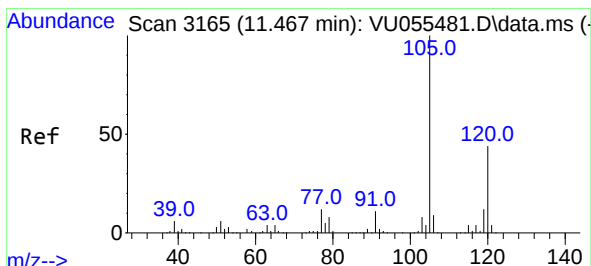
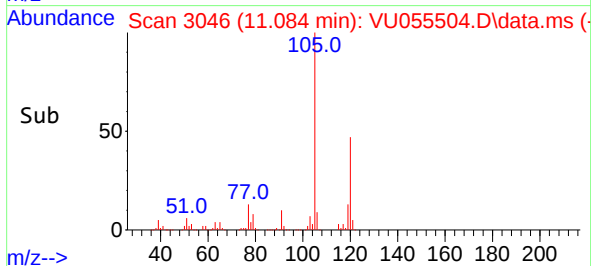
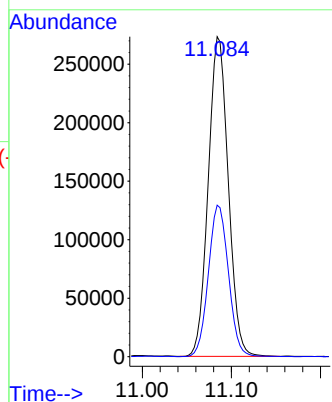


#62
1,3,5-Trimethylbenzene
Concen: 4.917 ug/L
RT: 11.084 min Scan# 3047
Delta R.T. -0.003 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

Instrument :
MSVOA_U
ClientSampleId :

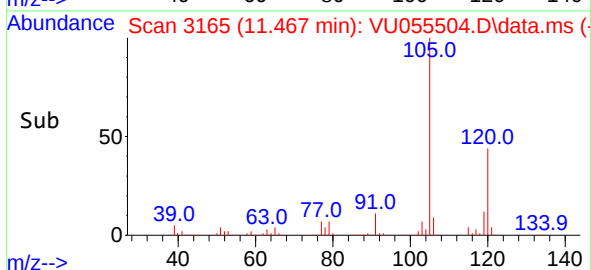
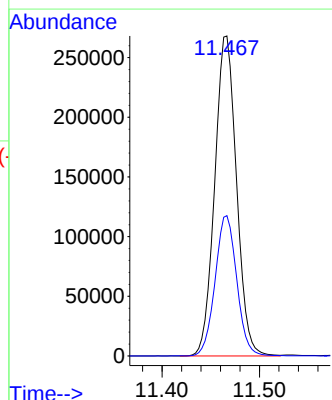
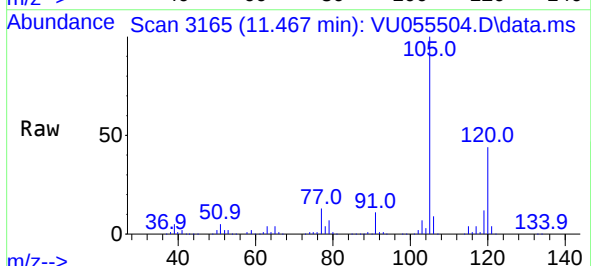


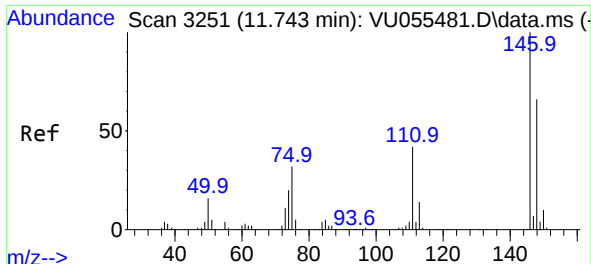
Tgt Ion:105 Resp: 426386
Ion Ratio Lower Upper
105 100
120 47.6 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 4.910 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

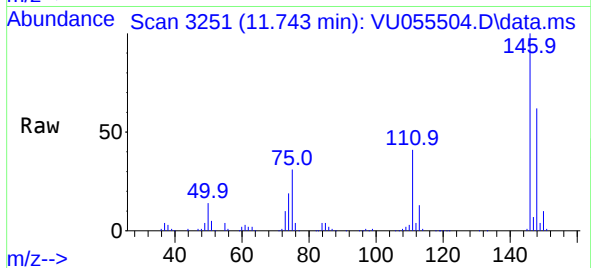
Tgt Ion:105 Resp: 416732
Ion Ratio Lower Upper
105 100
120 43.6 34.9 52.3



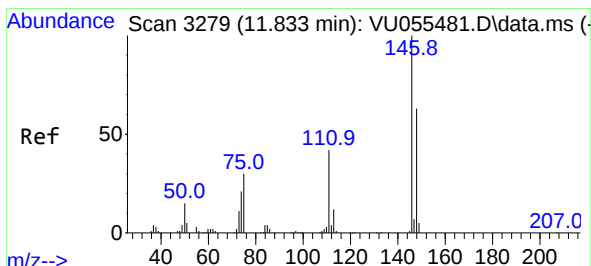
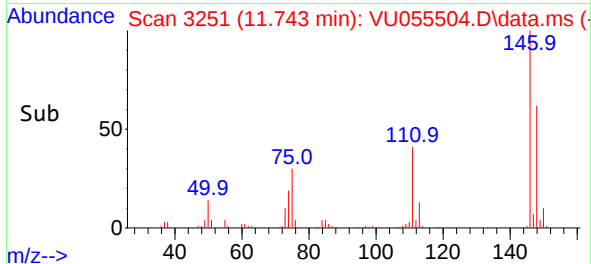
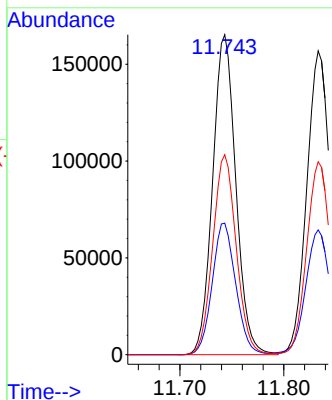


#64
1,3-Dichlorobenzene
Concen: 4.940 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

Instrument :
MSVOA_U
ClientSampleId :

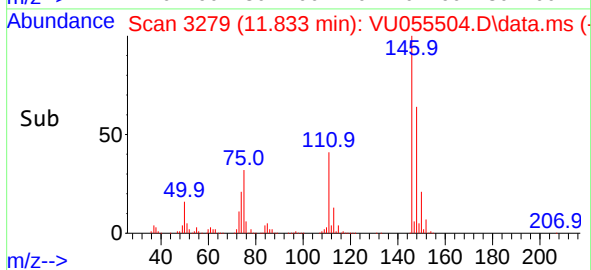
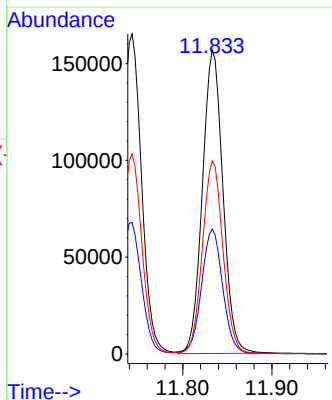
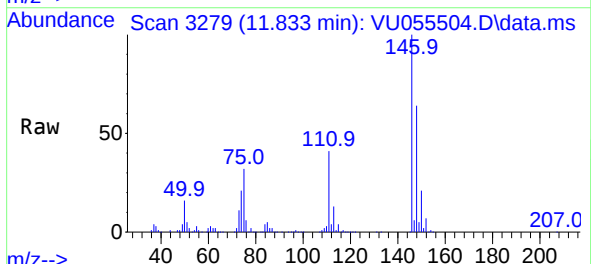


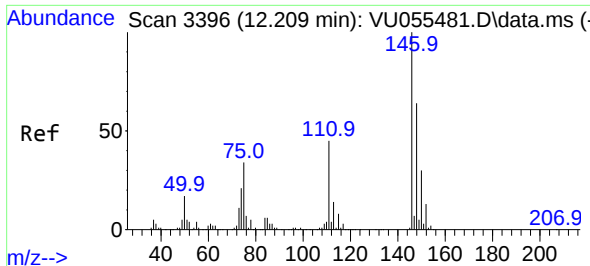
Tgt Ion:146 Resp: 256468
Ion Ratio Lower Upper
146 100
111 41.1 28.8 53.6
148 62.5 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.834 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

Tgt Ion:146 Resp: 250850
Ion Ratio Lower Upper
146 100
111 41.0 29.0 53.8
148 63.5 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 4.864 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU055504.D

Acq: 25 Sep 2023 18:49

Instrument :

MSVOA_U

ClientSampleId :

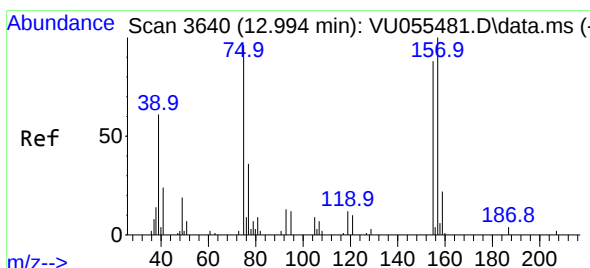
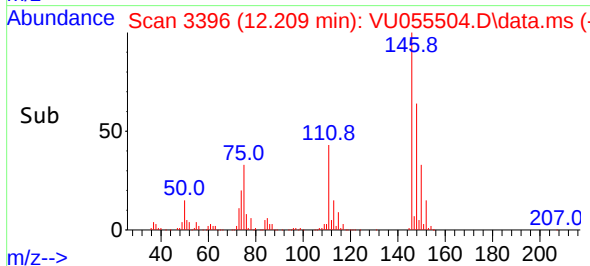
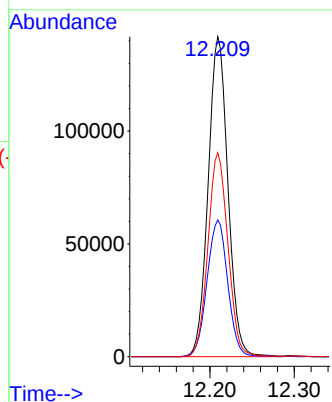
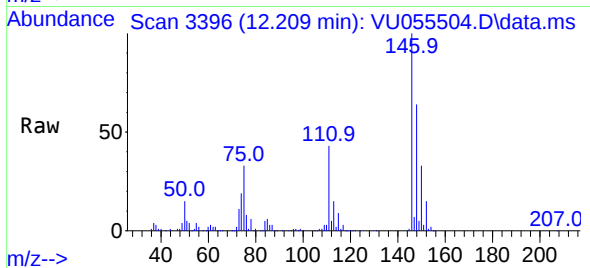
Tgt Ion:146 Resp: 231530

Ion Ratio Lower Upper

146 100

111 42.8 34.6 52.0

148 63.7 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.146 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU055504.D

Acq: 25 Sep 2023 18:49

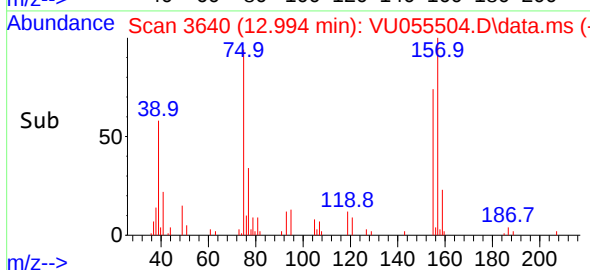
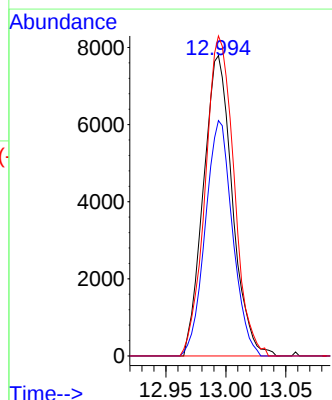
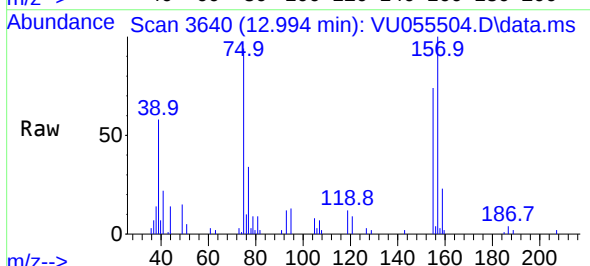
Tgt Ion: 75 Resp: 13100

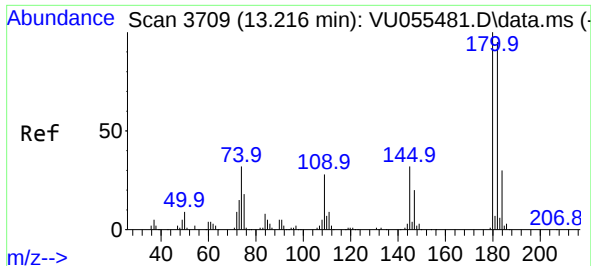
Ion Ratio Lower Upper

75 100

155 78.4 69.2 103.8

157 106.5 81.9 122.9





#69

1,3,5-Trichlorobenzene

Concen: 4.805 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.000 min

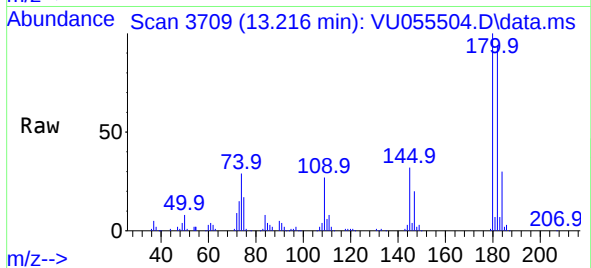
Lab File: VU055504.D

Acq: 25 Sep 2023 18:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 171779

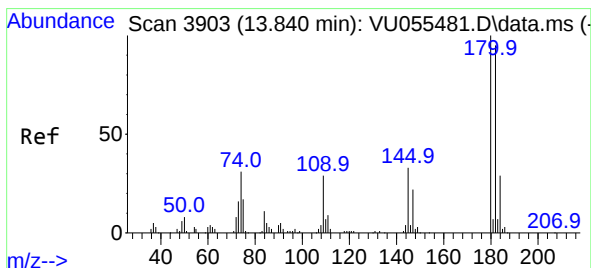
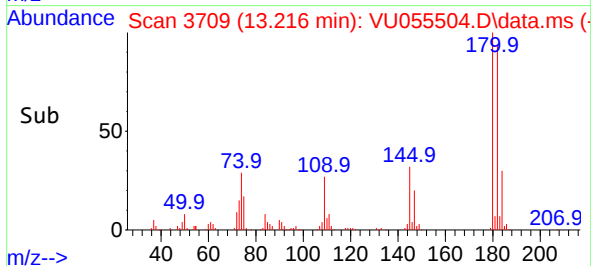
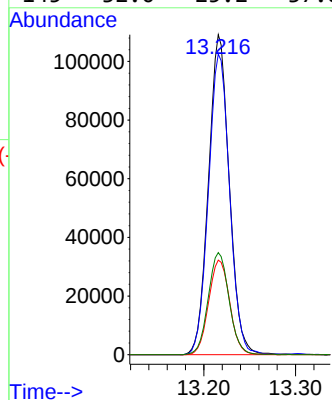
Ion Ratio Lower Upper

180 100

182 95.6 77.1 115.7

184 30.0 24.0 36.0

145 32.0 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 4.831 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.003 min

Lab File: VU055504.D

Acq: 25 Sep 2023 18:49

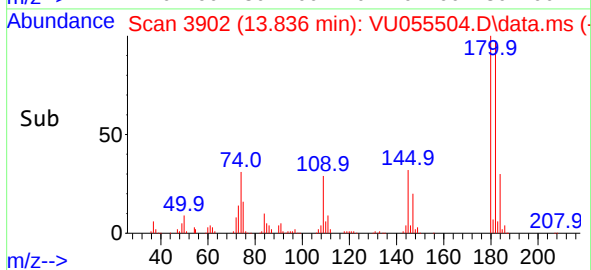
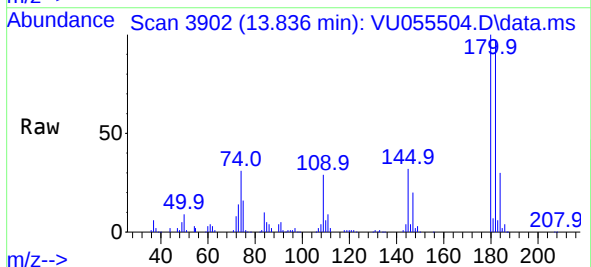
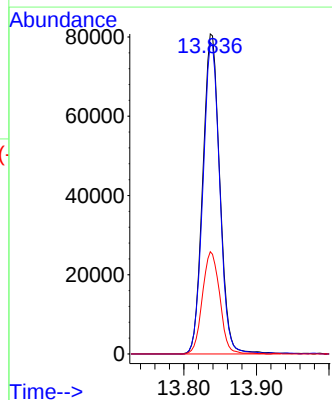
Tgt Ion:180 Resp: 131675

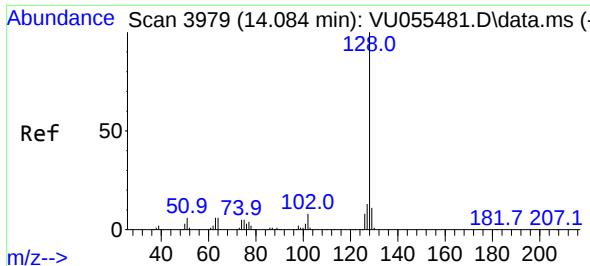
Ion Ratio Lower Upper

180 100

182 95.8 76.4 114.6

145 32.4 25.4 38.0

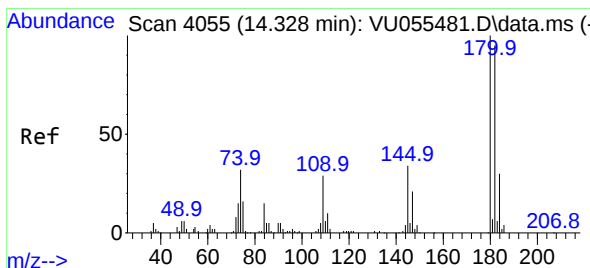
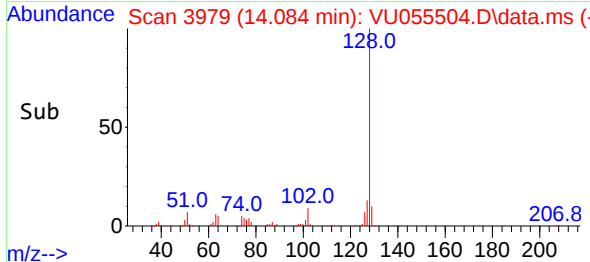
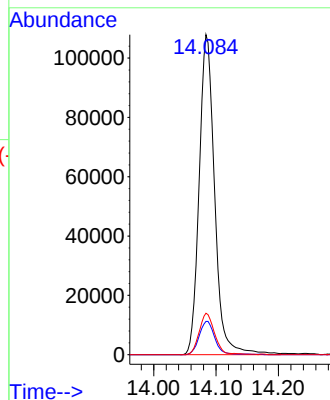
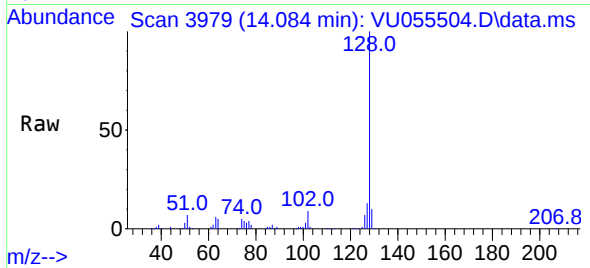




#71
Naphthalene
Concen: 4.727 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 186513
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.798 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU055504.D
Acq: 25 Sep 2023 18:49

Tgt Ion:180 Resp: 113792
Ion Ratio Lower Upper
180 100
182 98.5 76.2 114.4
145 35.8 26.0 39.0

