

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
 Data File : VU055962.D
 Acq On : 28 Oct 2023 09:44
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:47:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	386017	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	369406	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	191873	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	126305	4.136	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.914	69	109288	4.592	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.567	65	57487	4.434	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.628	46	258703	47.490	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.980%
24) Chloroform-d	5.058	84	273607	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.701	65	119809	4.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.724	84	548933	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.689	67	159817	4.899	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.898	98	507634	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.177	79	60253	4.723	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.631	63	218137	67.355	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.720%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	118534	4.990	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	172820	4.828	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	99791	4.536	ug/L	97
3) Chloromethane	1.518	50	85076	4.050	ug/L	94
5) Vinyl chloride	1.605	62	97332	4.207	ug/L	100
6) Bromomethane	1.859	94	59185	4.129	ug/L	100
8) Chloroethane	1.936	64	61097	4.506	ug/L	98
9) Trichlorofluoromethane	2.139	101	148584	4.656	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.583	101	101814	4.857	ug/L	100
12) 1,1-Dichloroethene	2.579	96	88450	4.728	ug/L	94
13) Acetone	2.637	43	124336	40.053	ug/L	94
14) Carbon disulfide	2.795	76	206124	4.303	ug/L	98
15) Methyl Acetate	2.952	43	28449	4.498	ug/L	97
16) Methylene chloride	3.046	84	99413	4.690	ug/L	96
17) Methyl tert-butyl Ether	3.361	73	211394	4.656	ug/L	98
18) trans-1,2-Dichloroethene	3.354	96	87493	4.717	ug/L	99
19) 1,1-Dichloroethane	3.866	63	178834	4.748	ug/L	96
21) 2-Butanone	4.708	43	194918	42.713	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	104200	4.639	ug/L	95
23) Bromochloromethane	4.975	128	44335	4.845	ug/L	97
25) Chloroform	5.084	83	191036	4.730	ug/L	100

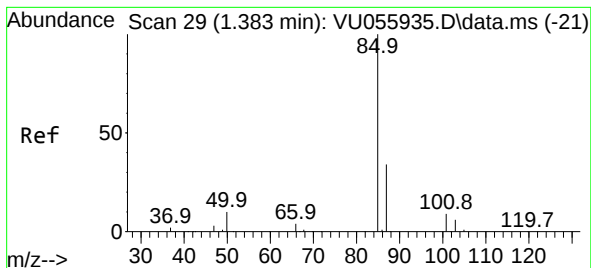
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 Data File : VU055962.D
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Quant Time: Oct 30 04:47:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	102661	4.327	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	162640	4.831	ug/L	98
30) Cyclohexane	5.386	56	134871	4.748	ug/L	99
31) Carbon tetrachloride	5.521	117	141074	4.912	ug/L	98
33) Benzene	5.772	78	399858	4.905	ug/L	100
34) Trichloroethene	6.541	95	107602	4.719	ug/L	99
35) Methylcyclohexane	6.759	83	149724	4.865	ug/L	99
37) 1,2-Dichloropropane	6.788	63	101418	4.685	ug/L	99
38) Bromodichloromethane	7.103	83	130682	4.809	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	149706	4.855	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	480014	46.003	ug/L	97
42) Toluene	7.968	91	432976	5.082	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	119196	4.788	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	75729	4.976	ug/L	94
47) Tetrachloroethene	8.550	164	79817	4.998	ug/L	98
48) 2-Hexanone	8.682	43	373970	45.583	ug/L	99
49) Dibromochloromethane	8.807	129	85193	5.099	ug/L	98
50) 1,2-Dibromoethane	8.923	107	66701	4.830	ug/L #	97
51) Chlorobenzene	9.444	112	276914	4.959	ug/L	98
52) Ethylbenzene	9.569	91	477543	4.945	ug/L	100
53) m,p-Xylene	9.692	106	181428	5.027	ug/L	95
54) o-Xylene	10.100	106	174002	4.927	ug/L	97
55) Styrene	10.113	104	299083	5.283	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	85650	4.862	ug/L	98
59) Bromoform	10.286	173	48055	4.923	ug/L	99
60) Isopropylbenzene	10.483	105	490125	5.126	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	59831	4.542	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	388754	4.975	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	390484	5.379	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	231106	5.099	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	226832	5.015	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	209105	5.025	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	13032	5.544	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	173746	5.610	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	140359	6.131	ug/L	99
71) Naphthalene	14.087	128	193222	5.829	ug/L	100
72) 1,2,3-Trichlorobenzene	14.328	180	114574	5.805	ug/L	97

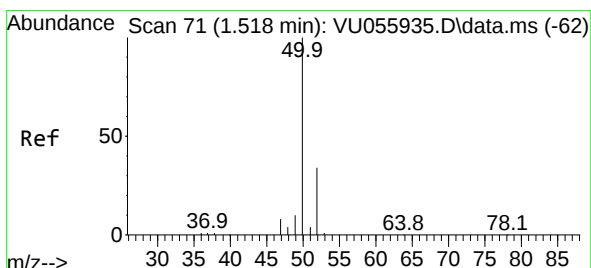
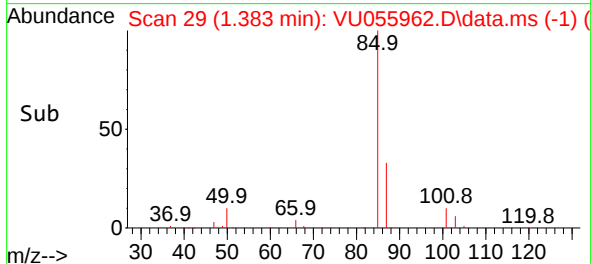
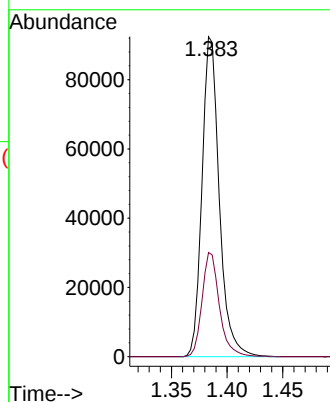
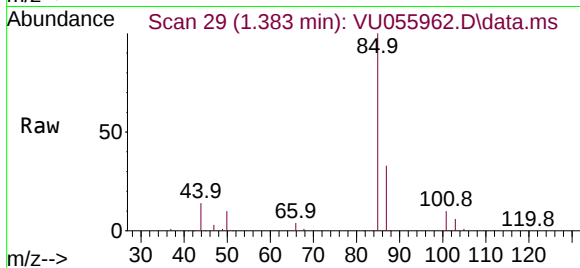
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#2
 Dichlorodifluoromethane
 Concen: 4.536 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055962.D
 Acq: 28 Oct 2023 09:44

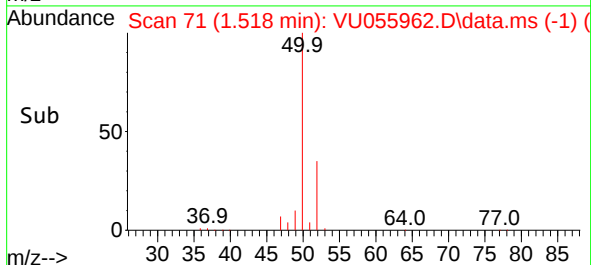
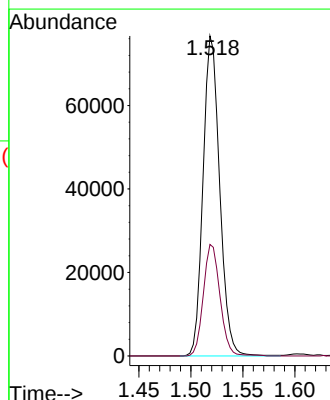
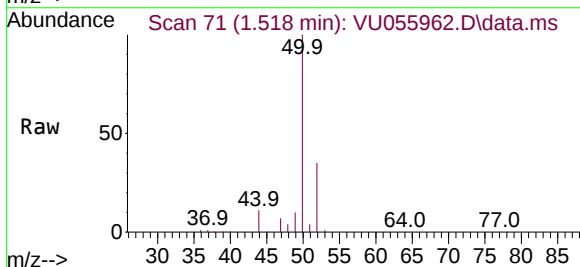
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 ClientSampleId :

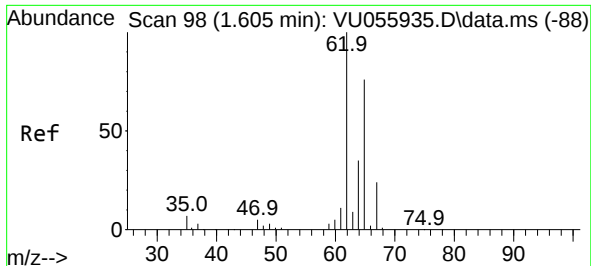
Tgt Ion: 85 Resp: 99791
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.0 37.4



#3
 Chloromethane
 Concen: 4.050 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU055962.D
 Acq: 28 Oct 2023 09:44

Tgt Ion: 50 Resp: 85076
 Ion Ratio Lower Upper
 50 100
 52 34.9 22.0 40.8

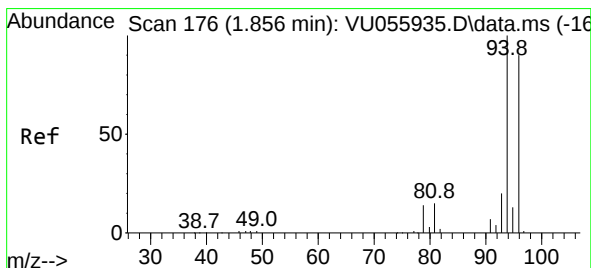
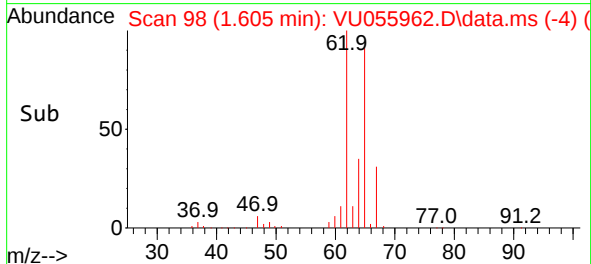
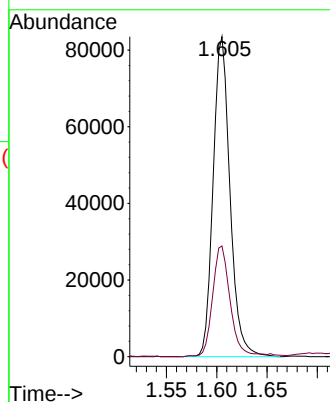
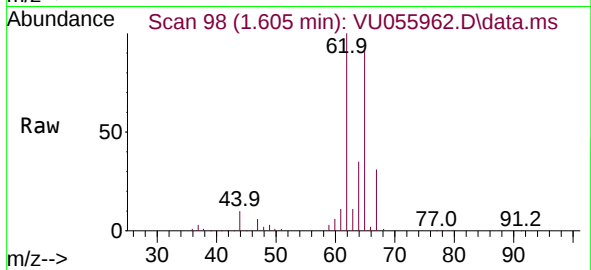




#5
 Vinyl chloride
 Concen: 4.207 ug/L
 RT: 1.605 min Scan# 98
 Delta R.T. 0.003 min
 Lab File: VU055962.D
 Acq: 28 Oct 2023 09:44

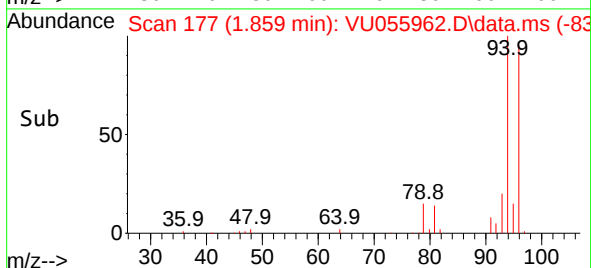
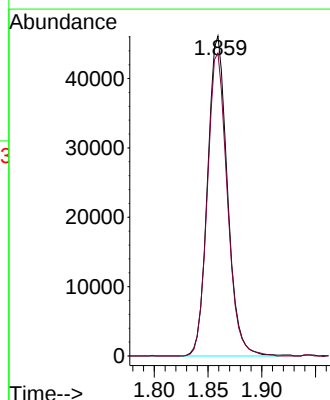
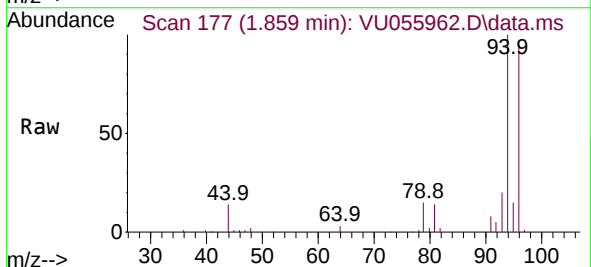
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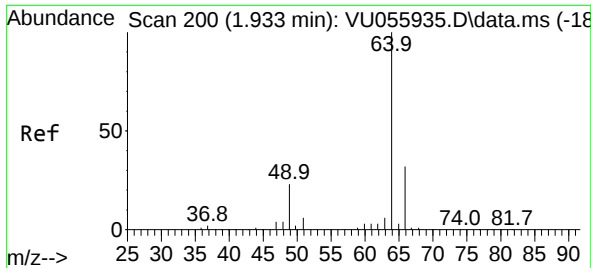
Tgt Ion: 62 Resp: 97332
 Ion Ratio Lower Upper
 62 100
 64 34.6 24.2 45.0



#6
 Bromomethane
 Concen: 4.129 ug/L
 RT: 1.859 min Scan# 177
 Delta R.T. 0.003 min
 Lab File: VU055962.D
 Acq: 28 Oct 2023 09:44

Tgt Ion: 94 Resp: 59185
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.9 122.5

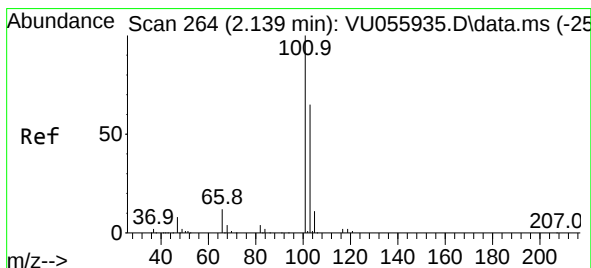
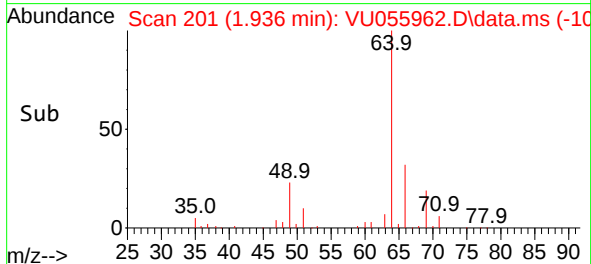
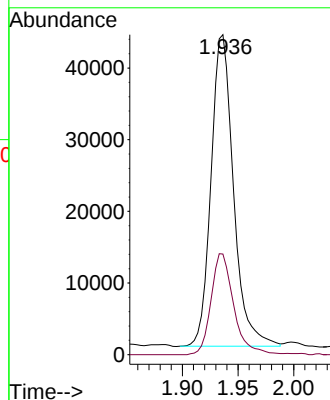
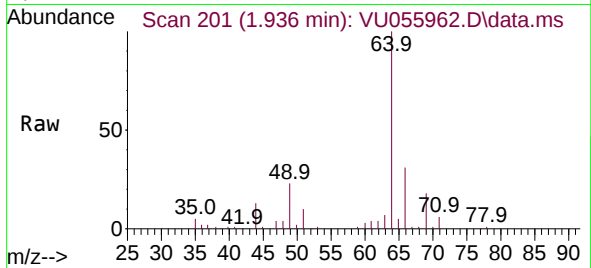




#8
Chloroethane
Concen: 4.506 ug/L
RT: 1.936 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

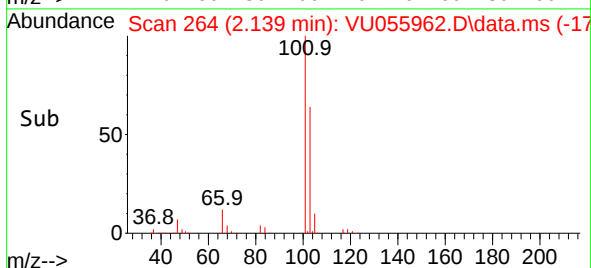
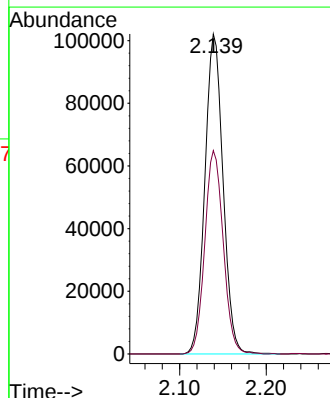
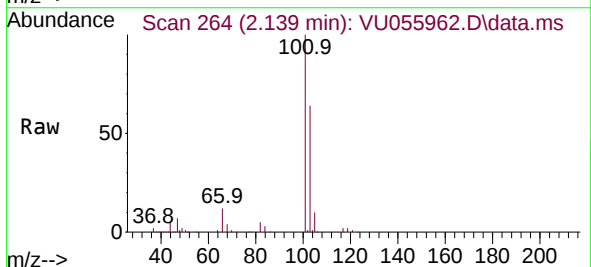
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ClientSampleId :

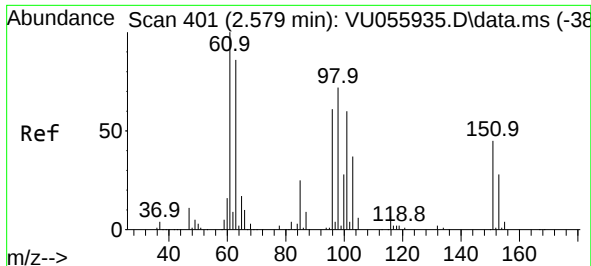
Tgt Ion: 64 Resp: 61097
Ion Ratio Lower Upper
64 100
66 31.4 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.656 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.003 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

Tgt Ion: 101 Resp: 148584
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.2

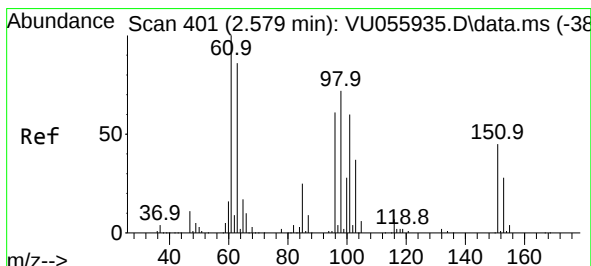
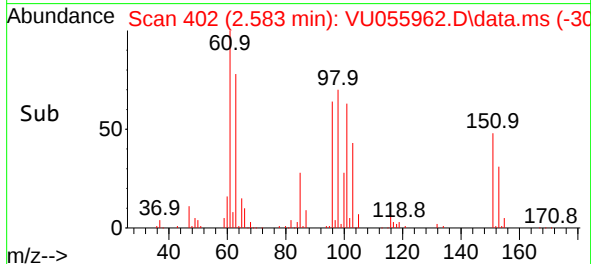
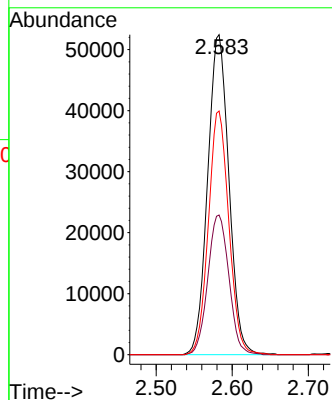
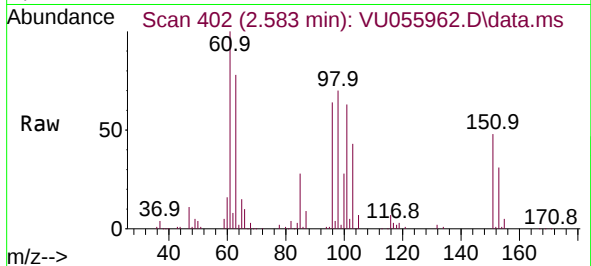




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.857 ug/L
 RT: 2.583 min Scan# 402
 Delta R.T. 0.003 min
 Lab File: VU055962.D
 Acq: 28 Oct 2023 09:44

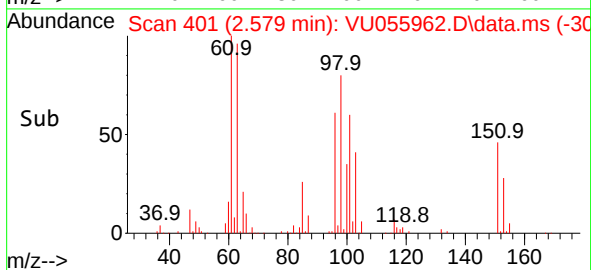
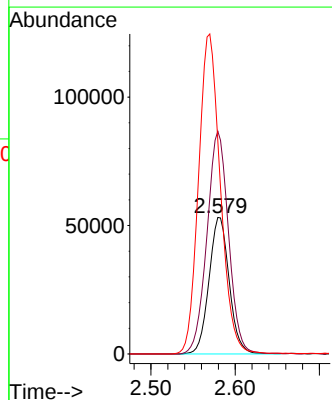
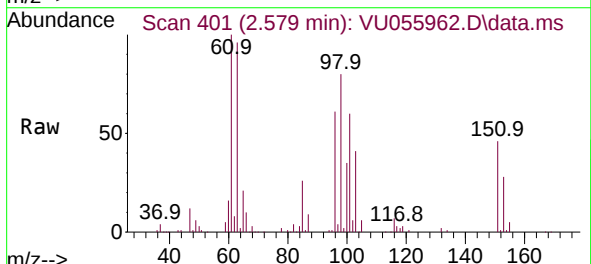
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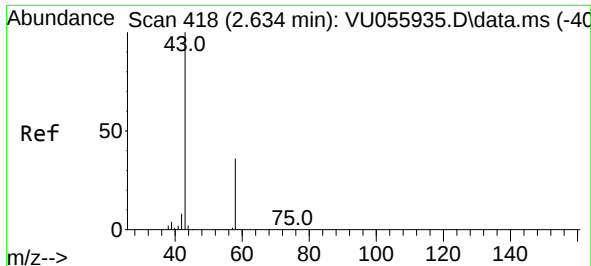
Tgt Ion:101 Resp: 101814
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.4 51.6
 151 73.2 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 4.728 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU055962.D
 Acq: 28 Oct 2023 09:44

Tgt Ion: 96 Resp: 88450
 Ion Ratio Lower Upper
 96 100
 61 163.3 123.8 230.0
 63 156.4 111.0 206.2





#13

Acetone

Concen: 40.053 ug/L

RT: 2.637 min Scan# 41

Delta R.T. -0.010 min

Lab File: VU055962.D

Acq: 28 Oct 2023 09:44

Instrument :

MSVOA_U

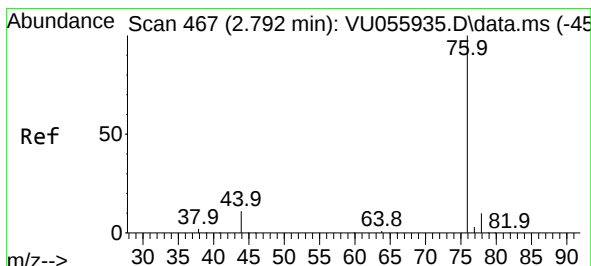
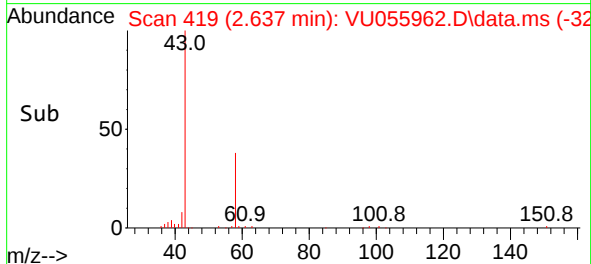
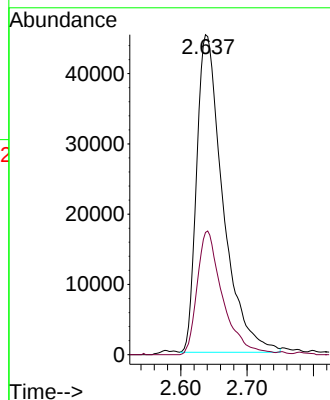
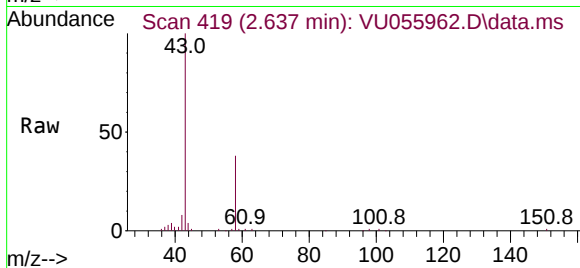
ClientSampleId :

Tgt Ion: 43 Resp: 124336

Ion Ratio Lower Upper

43 100

58 37.8 0.0 69.0



#14

Carbon disulfide

Concen: 4.303 ug/L

RT: 2.795 min Scan# 468

Delta R.T. 0.006 min

Lab File: VU055962.D

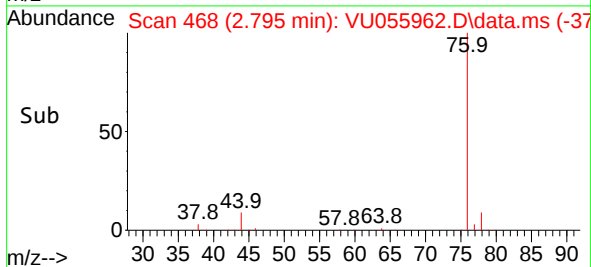
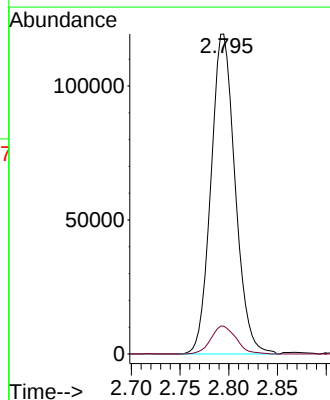
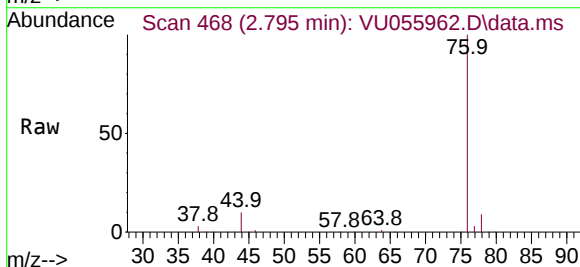
Acq: 28 Oct 2023 09:44

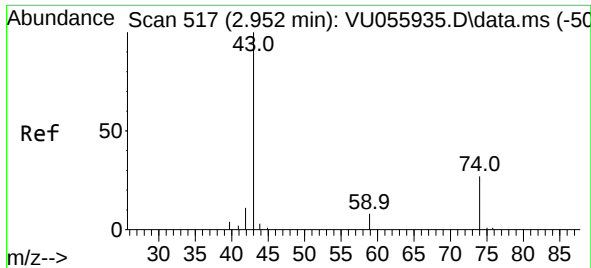
Tgt Ion: 76 Resp: 206124

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3

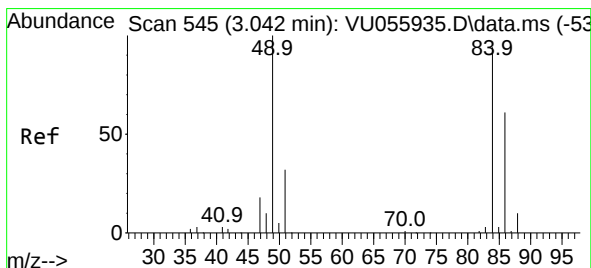
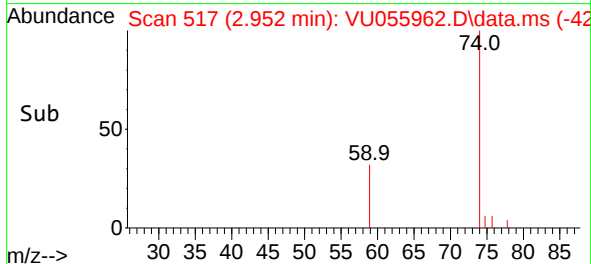
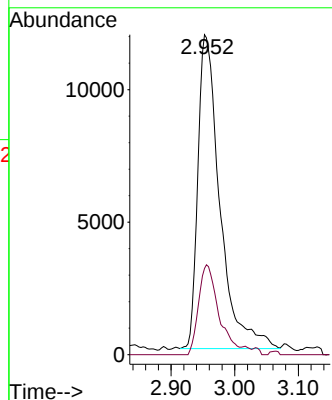
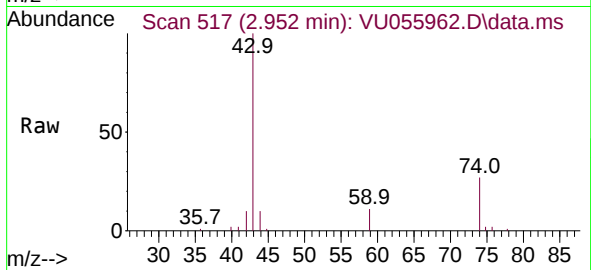




#15
Methyl Acetate
Concen: 4.498 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

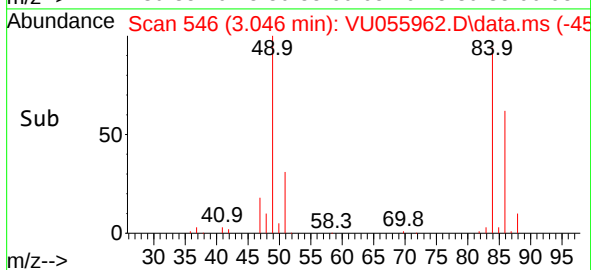
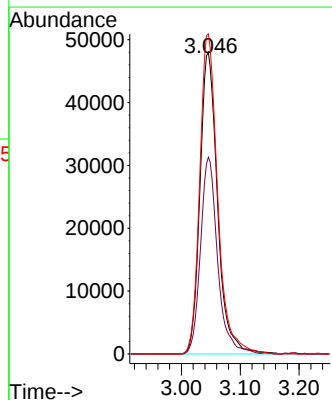
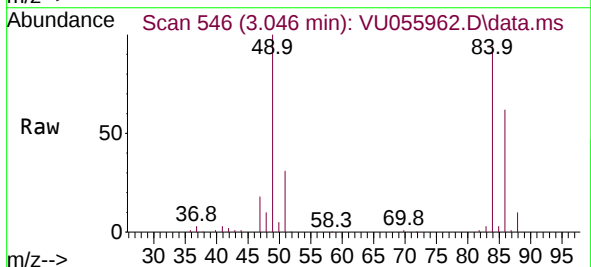
Instrument :
MSVOA_U
ClientSampleId :

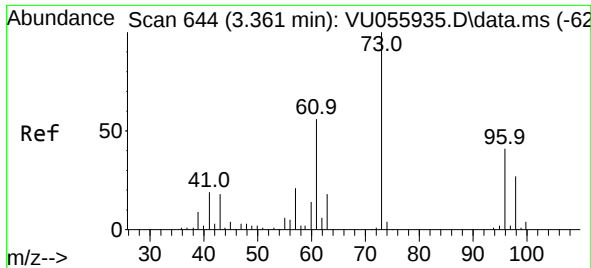
Tgt Ion: 43 Resp: 28449
Ion Ratio Lower Upper
43 100
74 26.2 19.9 29.9



#16
Methylene chloride
Concen: 4.690 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.003 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

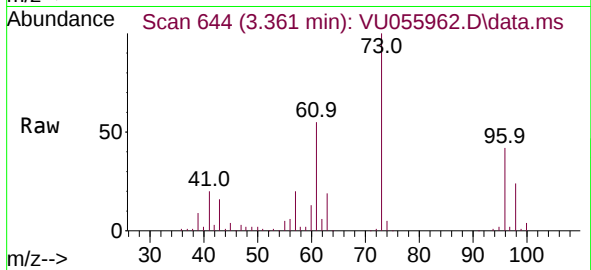
Tgt Ion: 84 Resp: 99413
Ion Ratio Lower Upper
84 100
86 65.3 45.2 84.0
49 106.1 78.8 146.3





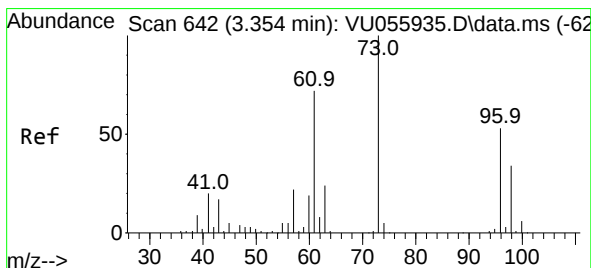
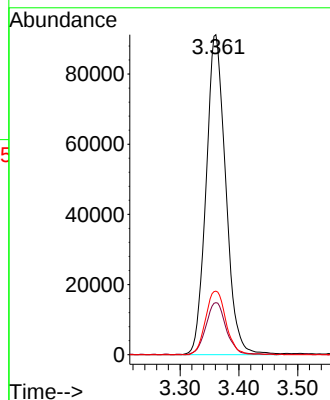
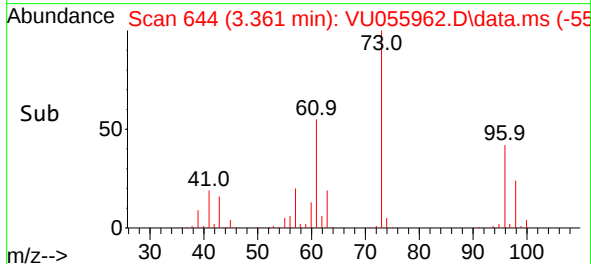
#17
Methyl tert-butyl Ether
Concen: 4.656 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

Instrument :
MSVOA_U
ClientSampleId :

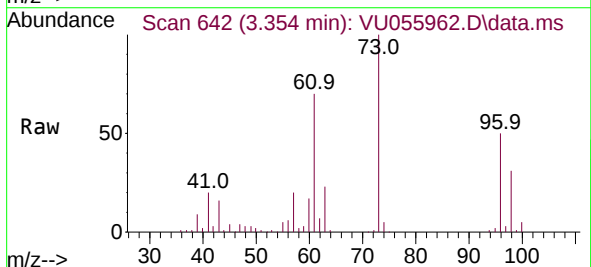


Tgt Ion: 73 Resp: 211394

Ion	Ratio	Lower	Upper
73	100		
43	16.8	14.4	21.6
57	20.6	17.0	25.4

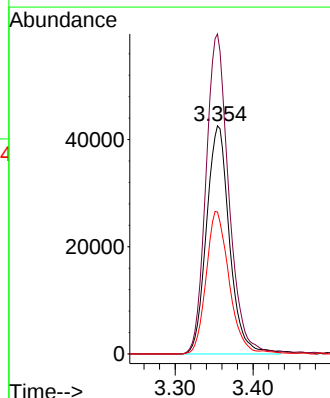
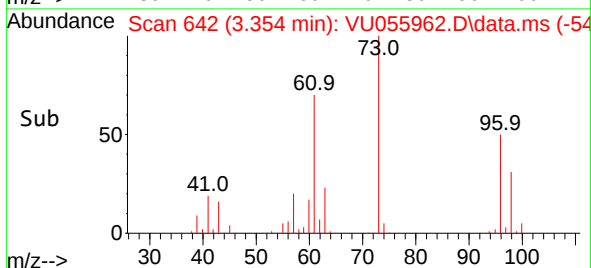


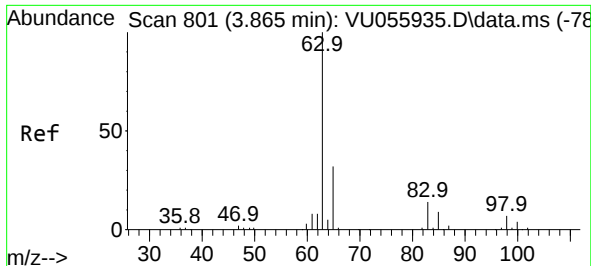
#18
trans-1,2-Dichloroethene
Concen: 4.717 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44



Tgt Ion: 96 Resp: 87493

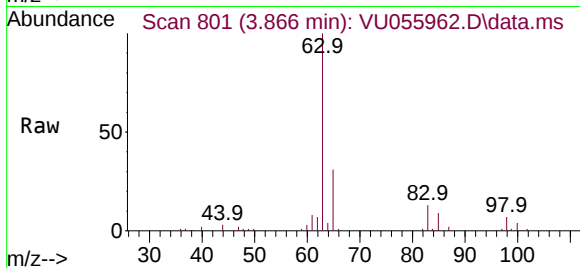
Ion	Ratio	Lower	Upper
96	100		
61	140.2	97.5	181.1
98	62.2	42.7	79.3



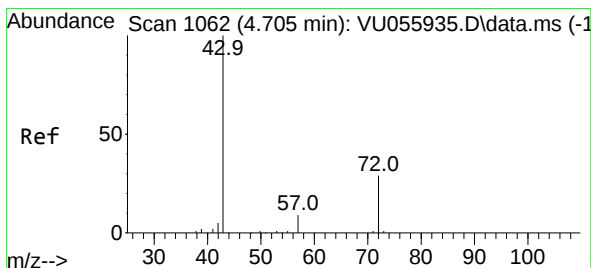
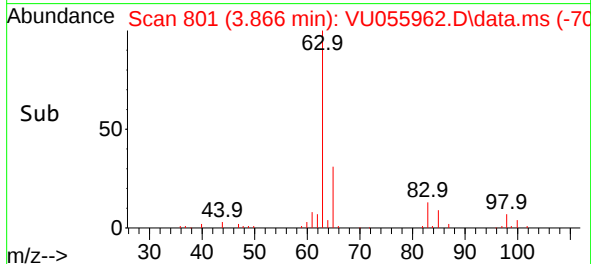
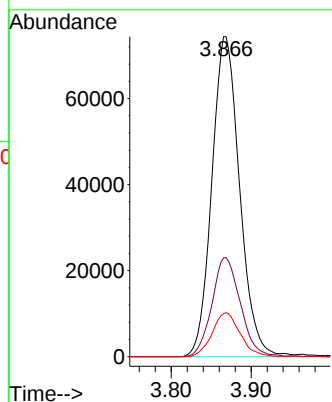


#19
1,1-Dichloroethane
Concen: 4.748 ug/L
RT: 3.866 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

Instrument :
MSVOA_U
ClientSampleId :

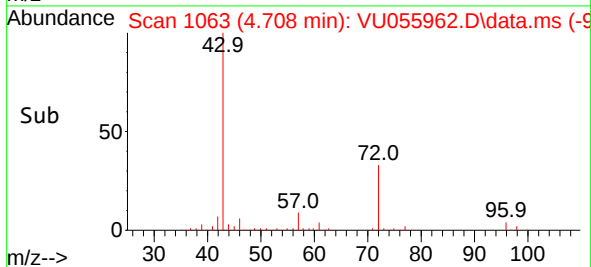
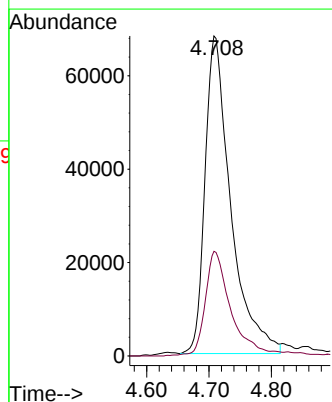
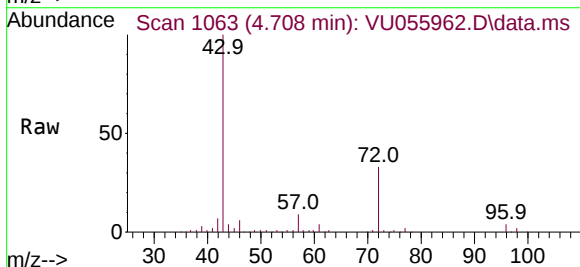


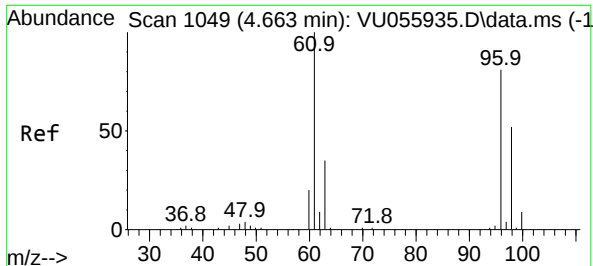
Tgt Ion: 63 Resp: 178834
Ion Ratio Lower Upper
63 100
65 30.9 23.3 43.3
83 13.5 10.5 19.5



#21
2-Butanone
Concen: 42.713 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

Tgt Ion: 43 Resp: 194918
Ion Ratio Lower Upper
43 100
72 32.4 14.4 43.4

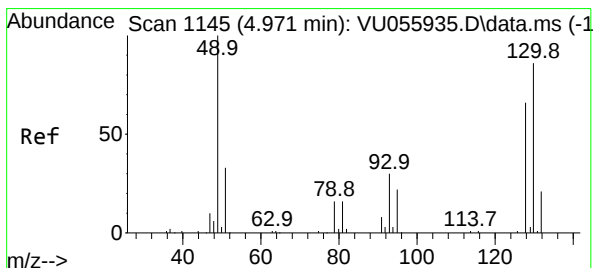
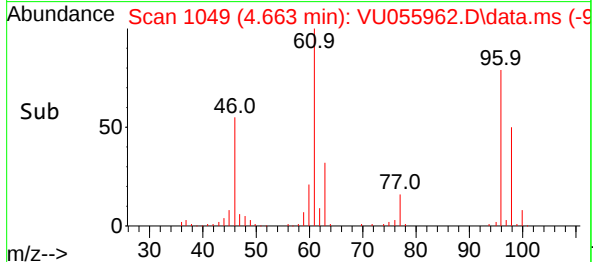
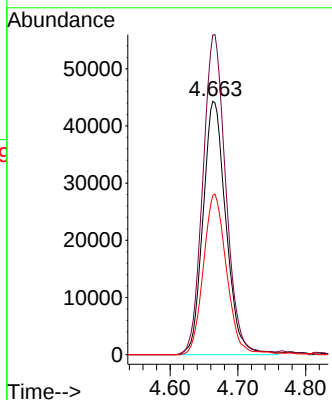
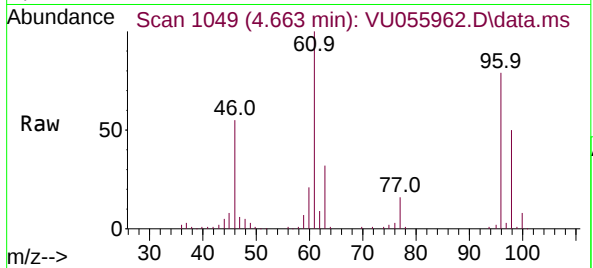




#22
 cis-1,2-Dichloroethene
 Concen: 4.639 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055962.D
 Acq: 28 Oct 2023 09:44

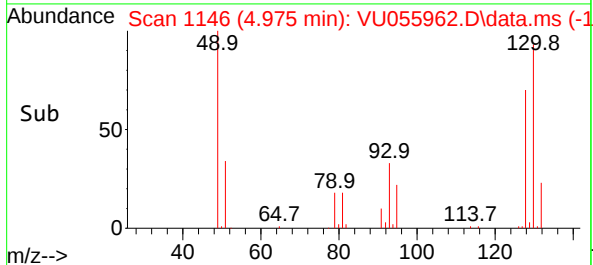
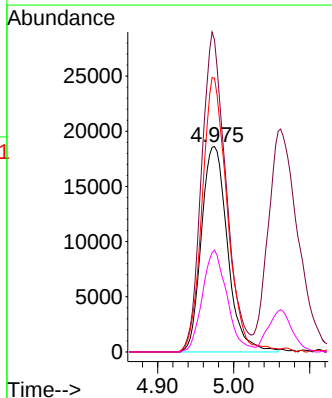
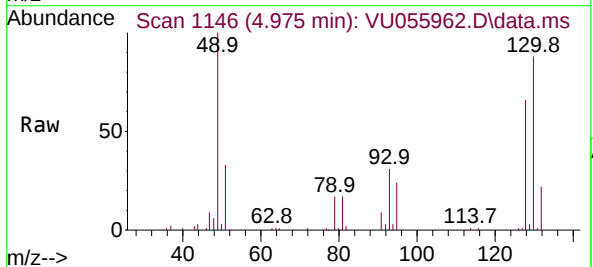
Instrument :
 MSVOA_U
 ClientSampleId :

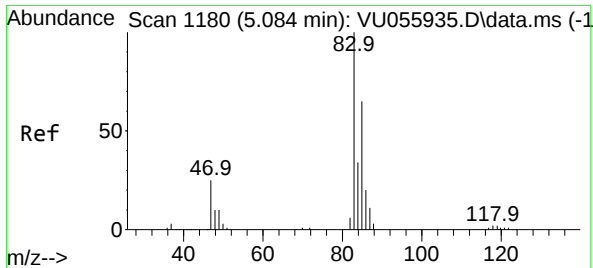
Tgt Ion: 96 Resp: 104200
 Ion Ratio Lower Upper
 96 100
 61 126.2 93.8 174.2
 98 62.9 45.6 84.8



#23
 Bromochloromethane
 Concen: 4.845 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.003 min
 Lab File: VU055962.D
 Acq: 28 Oct 2023 09:44

Tgt Ion:128 Resp: 44335
 Ion Ratio Lower Upper
 128 100
 49 151.8 108.7 201.9
 130 133.3 91.5 169.9
 51 49.6 41.4 62.0

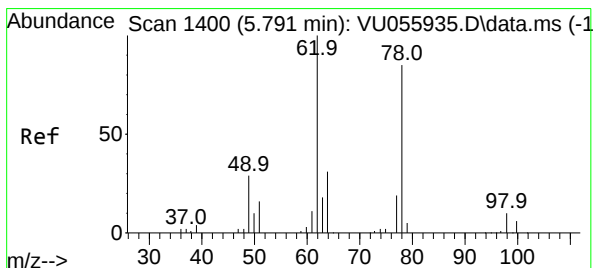
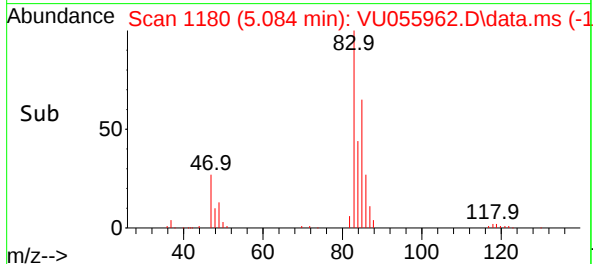
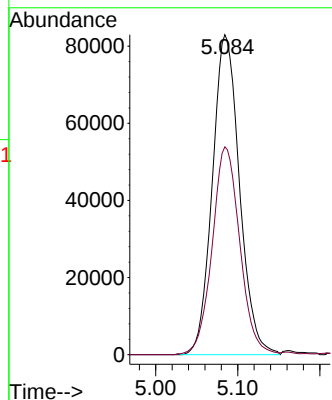
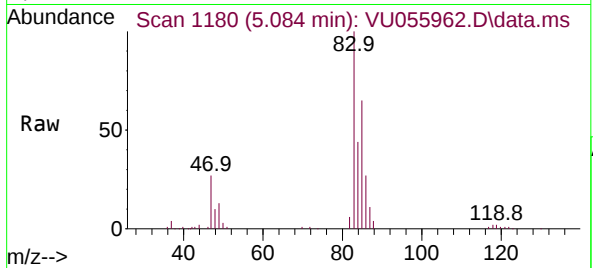




#25
Chloroform
Concen: 4.730 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

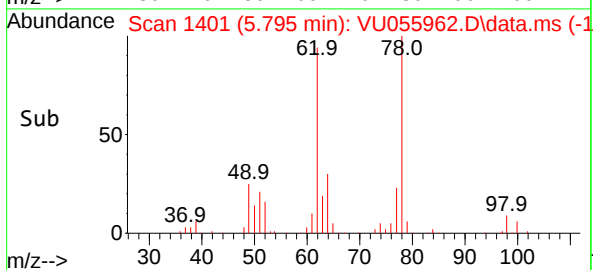
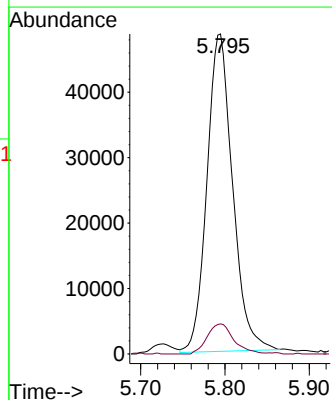
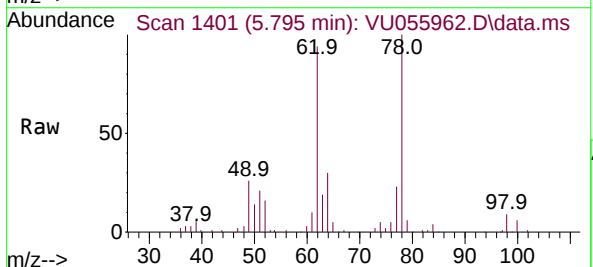
Instrument :
MSVOA_U
ClientSampleId :

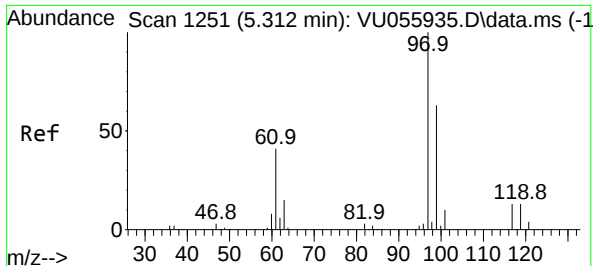
Tgt Ion: 83 Resp: 191036
Ion Ratio Lower Upper
83 100
85 64.9 45.6 84.8



#27
1,2-Dichloroethane
Concen: 4.327 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.003 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

Tgt Ion: 62 Resp: 102661
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 4.831 ug/L

RT: 5.312 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055962.D

Acq: 28 Oct 2023 09:44

Instrument :

MSVOA_U

ClientSampleId :

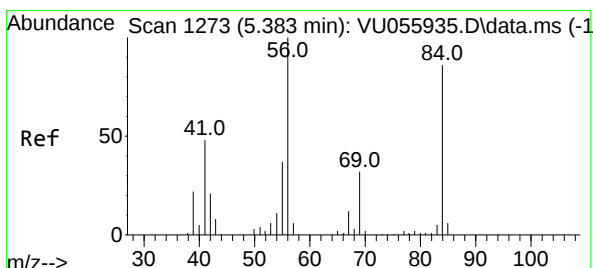
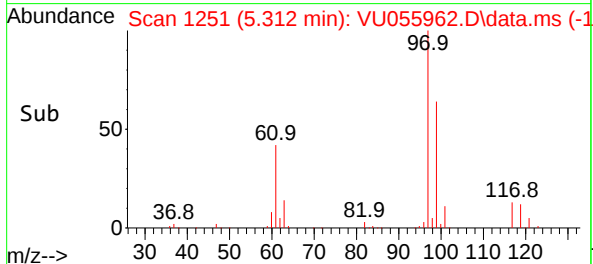
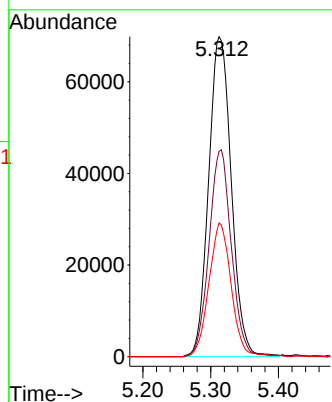
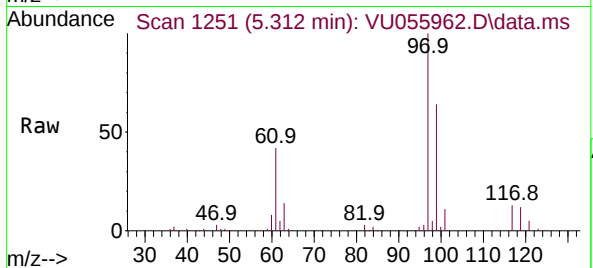
Tgt Ion: 97 Resp: 162640

Ion Ratio Lower Upper

97 100

99 63.6 50.8 76.2

61 41.0 35.0 52.4



#30

Cyclohexane

Concen: 4.748 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.003 min

Lab File: VU055962.D

Acq: 28 Oct 2023 09:44

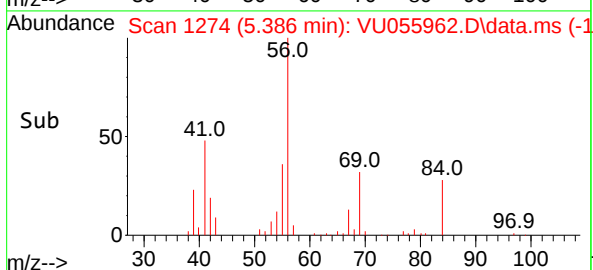
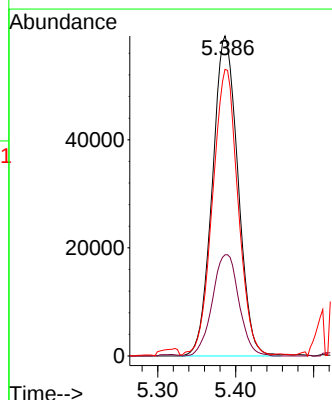
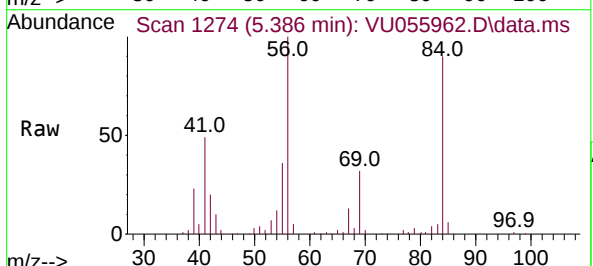
Tgt Ion: 56 Resp: 134871

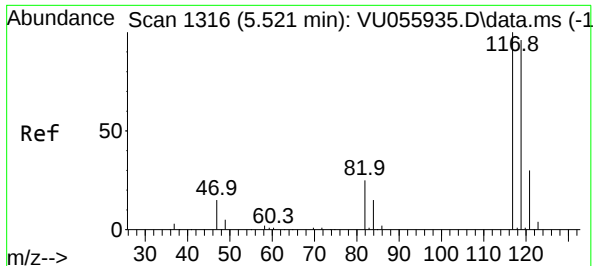
Ion Ratio Lower Upper

56 100

69 32.9 25.4 38.2

84 88.4 71.0 106.6

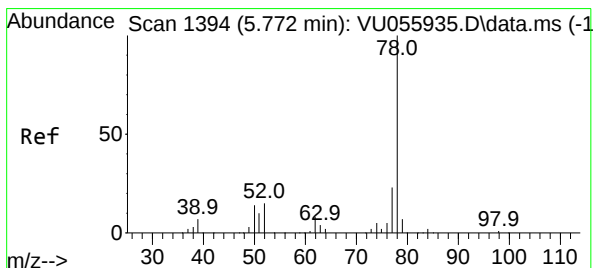
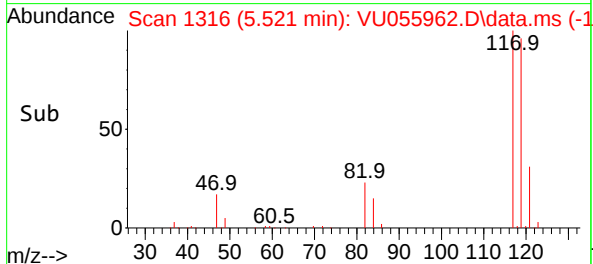
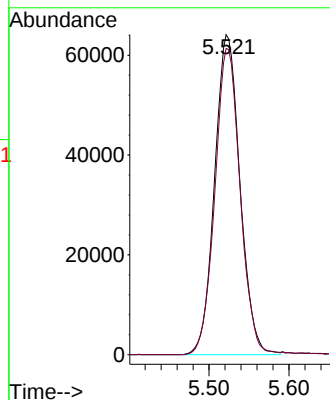
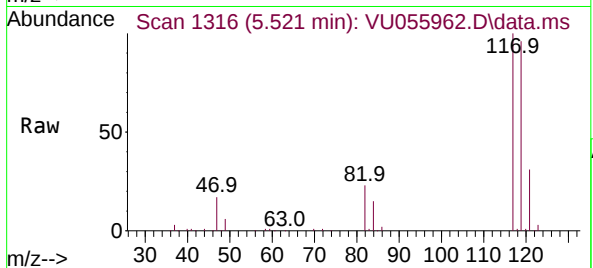




#31
Carbon tetrachloride
Concen: 4.912 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. 0.003 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

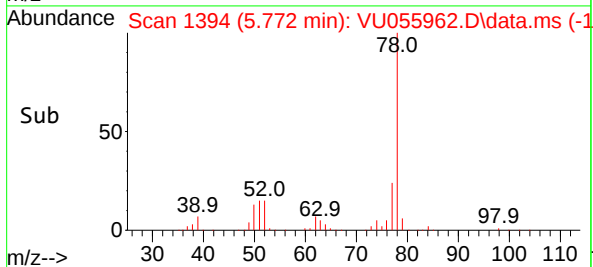
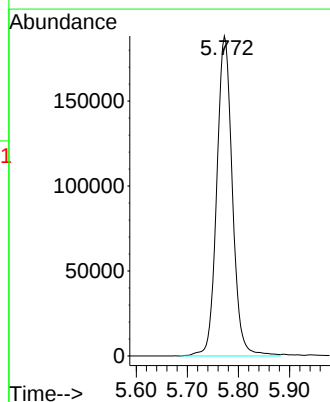
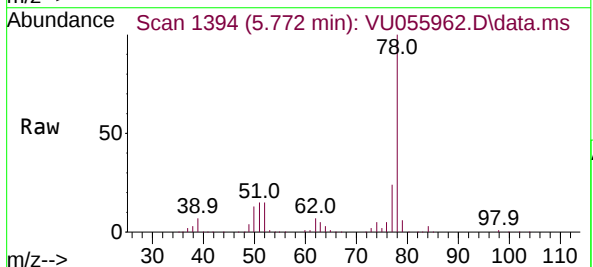
Instrument :
MSVOA_U
ClientSampleId :

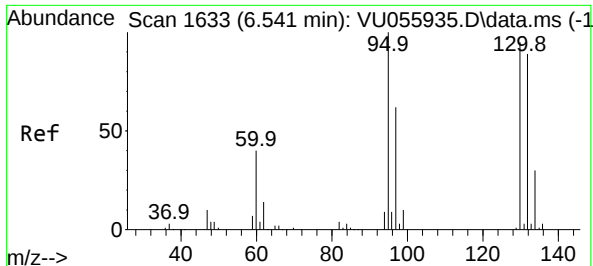
Tgt Ion:117 Resp: 141074
Ion Ratio Lower Upper
117 100
119 95.5 75.1 112.7



#33
Benzene
Concen: 4.905 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

Tgt Ion: 78 Resp: 399858





#34

Trichloroethene

Concen: 4.719 ug/L

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055962.D

Acq: 28 Oct 2023 09:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 107602

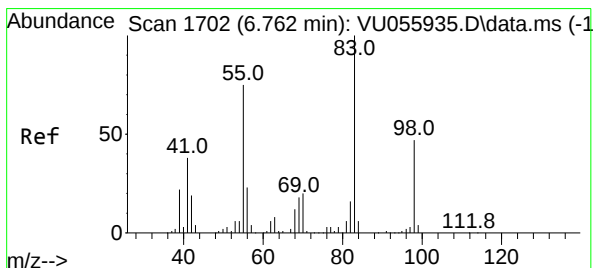
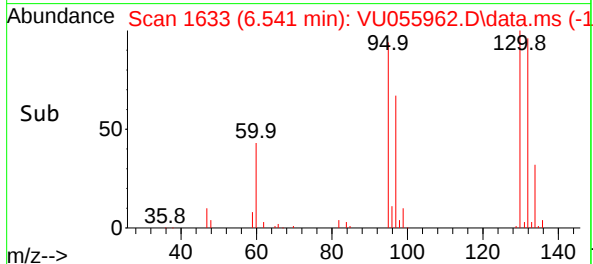
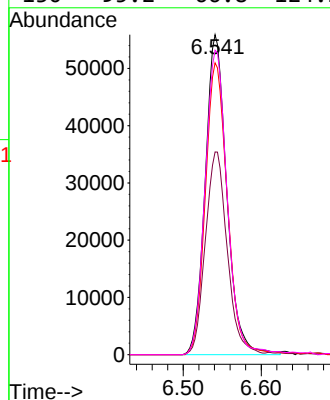
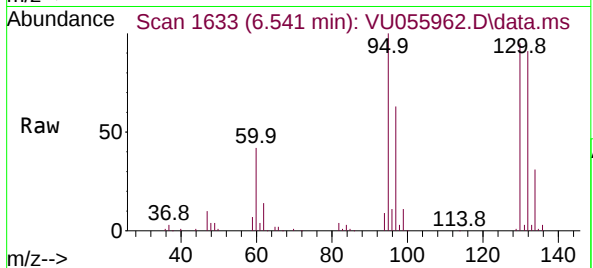
Ion Ratio Lower Upper

95 100

97 63.4 45.4 84.2

132 91.2 63.9 118.7

130 95.2 66.8 124.2



#35

Methylcyclohexane

Concen: 4.865 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU055962.D

Acq: 28 Oct 2023 09:44

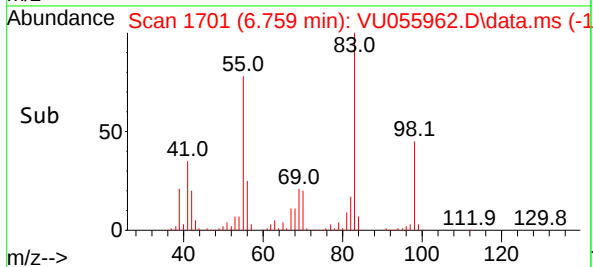
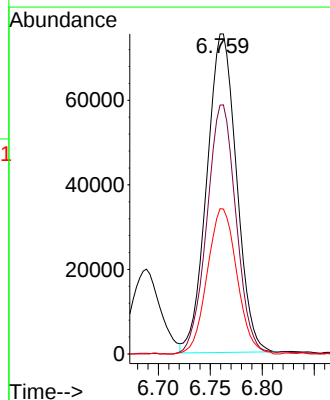
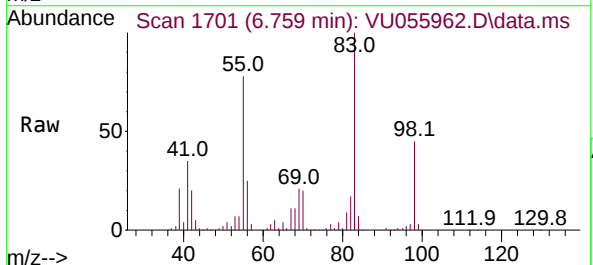
Tgt Ion: 83 Resp: 149724

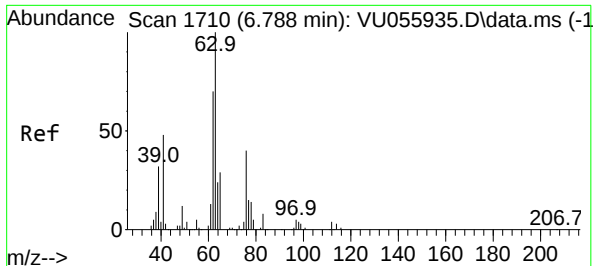
Ion Ratio Lower Upper

83 100

55 77.1 62.4 93.6

98 45.6 37.4 56.2

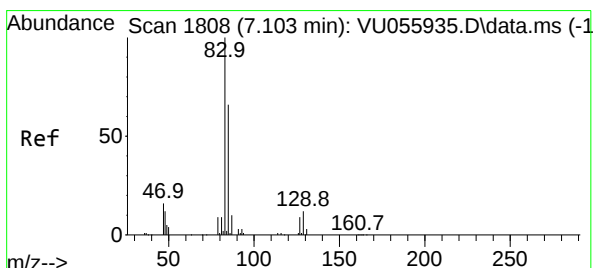
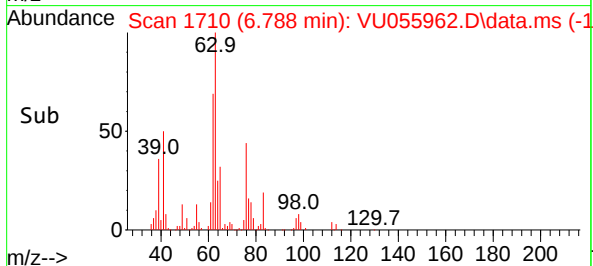
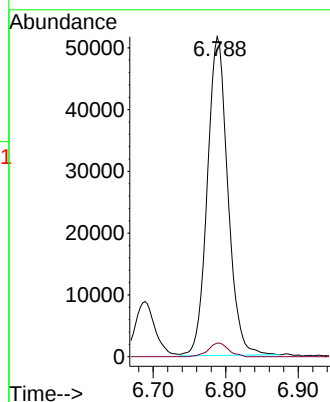
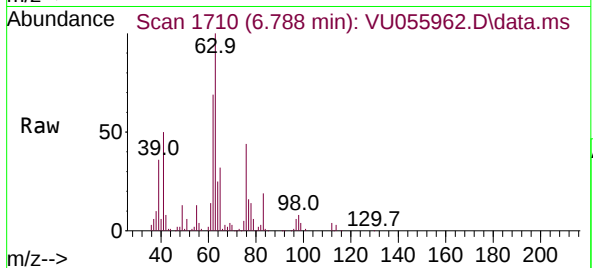




#37
1,2-Dichloropropane
Concen: 4.685 ug/L
RT: 6.788 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

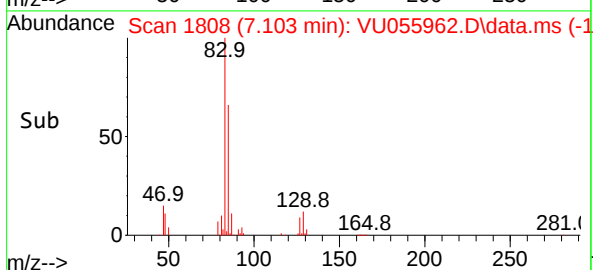
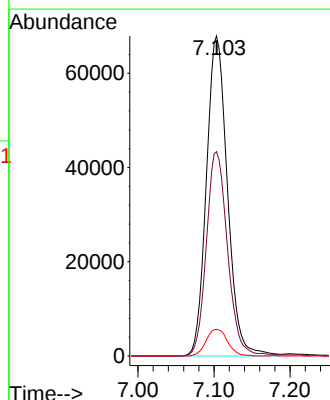
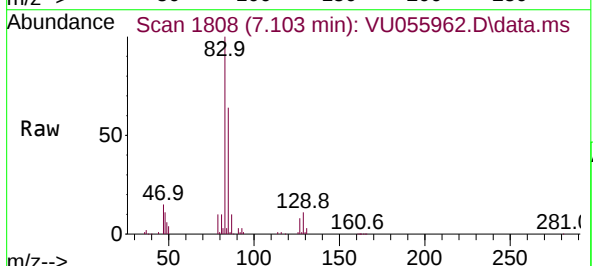
Instrument :
MSVOA_U
ClientSampleId :

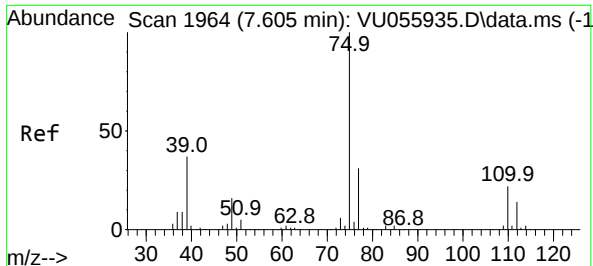
Tgt Ion: 63 Resp: 101418
Ion Ratio Lower Upper
63 100
112 4.2 3.1 4.7



#38
Bromodichloromethane
Concen: 4.809 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

Tgt Ion: 83 Resp: 130682
Ion Ratio Lower Upper
83 100
85 63.8 44.9 83.3
127 8.3 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.855 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU055962.D

Acq: 28 Oct 2023 09:44

Instrument :

MSVOA_U

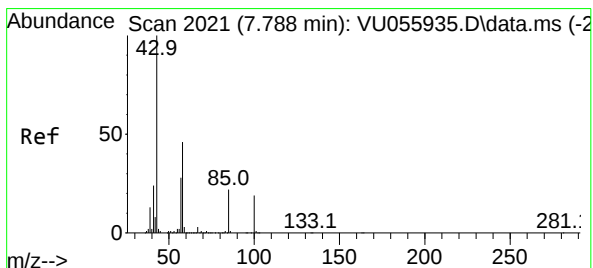
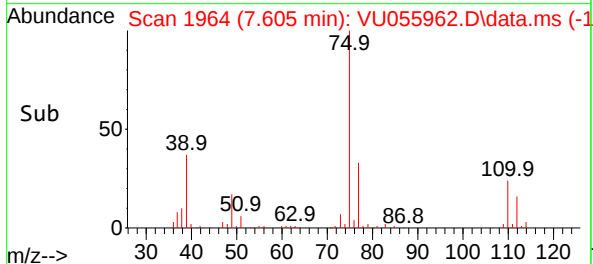
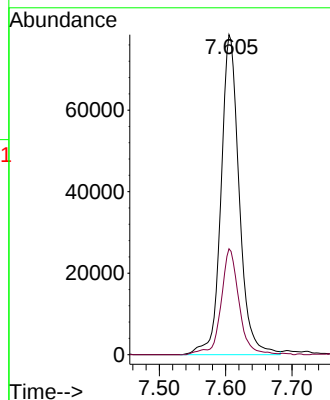
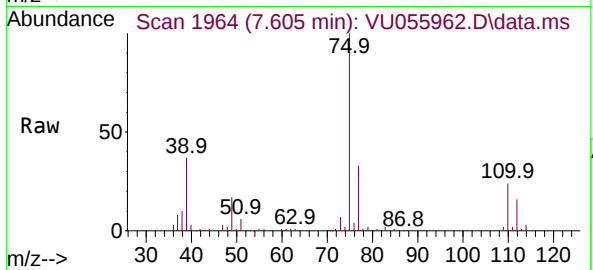
ClientSampleId :

Tgt Ion: 75 Resp: 149706

Ion Ratio Lower Upper

75 100

77 33.1 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 46.003 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU055962.D

Acq: 28 Oct 2023 09:44

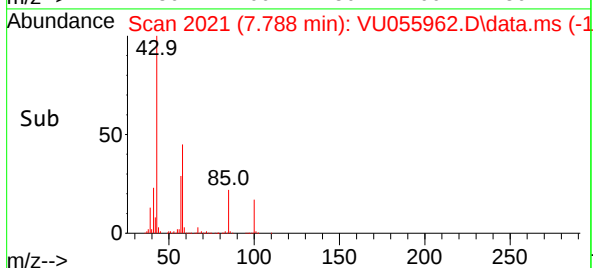
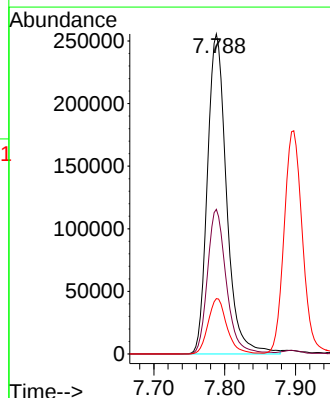
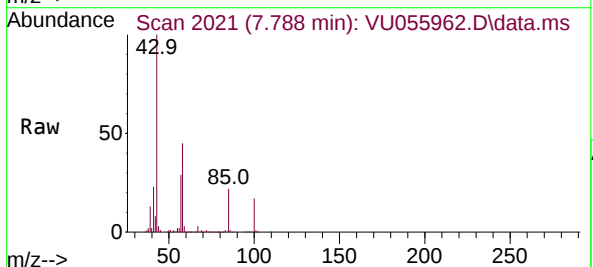
Tgt Ion: 43 Resp: 480014

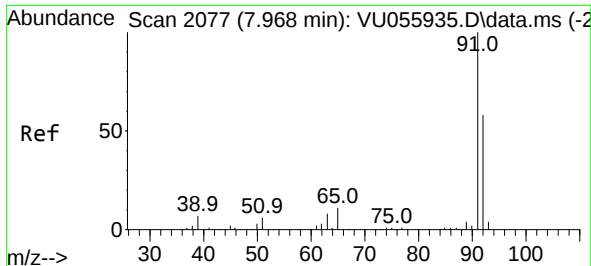
Ion Ratio Lower Upper

43 100

58 44.7 34.0 51.0

100 17.1 13.0 19.6





#42

Toluene

Concen: 5.082 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU055962.D

Acq: 28 Oct 2023 09:44

Instrument :

MSVOA_U

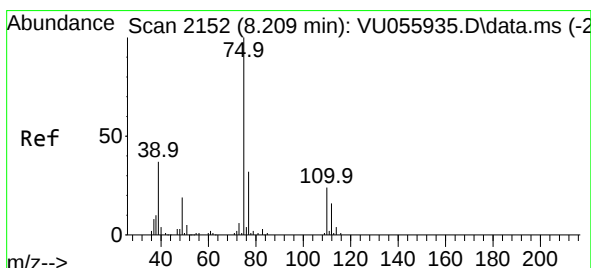
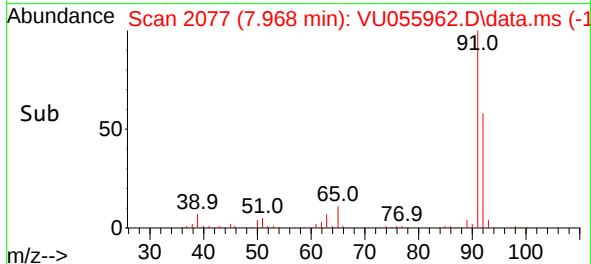
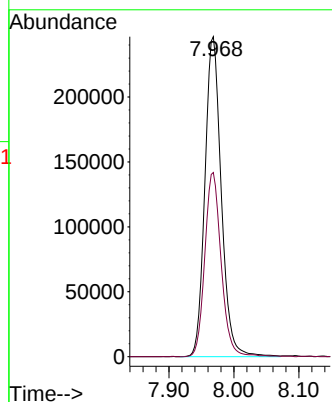
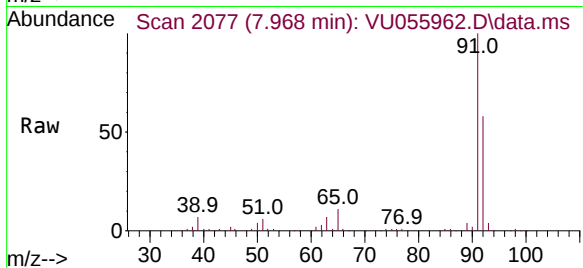
ClientSampleId :

Tgt Ion: 91 Resp: 432976

Ion Ratio Lower Upper

91 100

92 57.5 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 4.788 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU055962.D

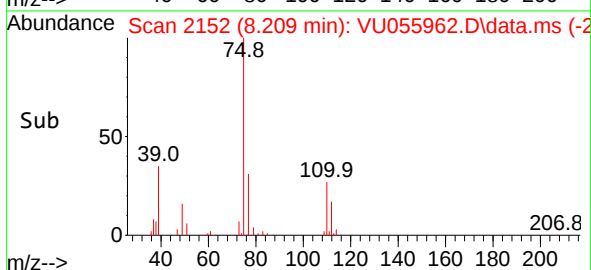
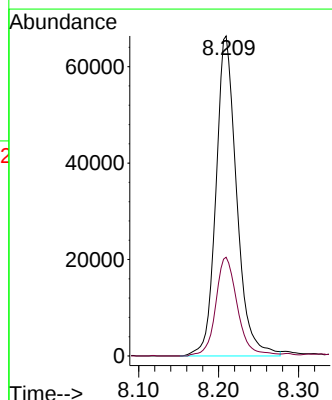
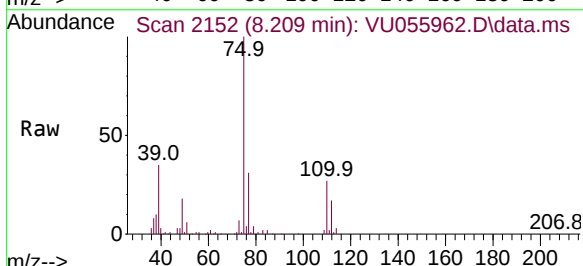
Acq: 28 Oct 2023 09:44

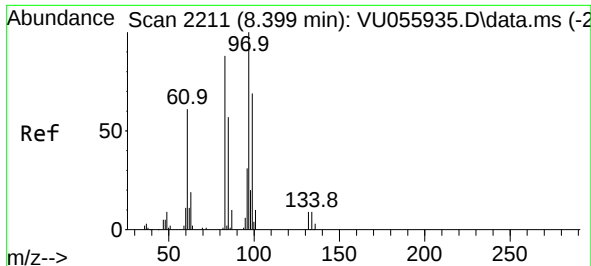
Tgt Ion: 75 Resp: 119196

Ion Ratio Lower Upper

75 100

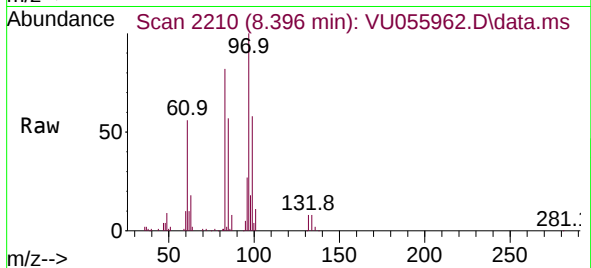
77 30.9 21.7 40.3



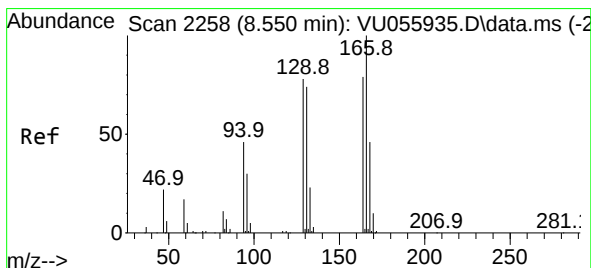
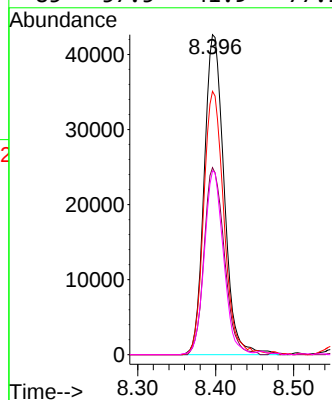
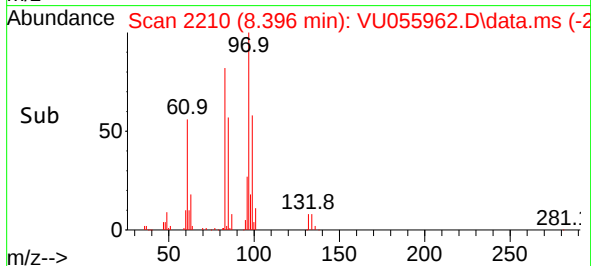


#45
1,1,2-Trichloroethane
Concen: 4.976 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

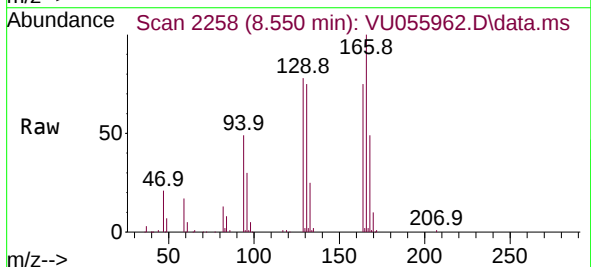
Instrument :
MSVOA_U
ClientSampleId :



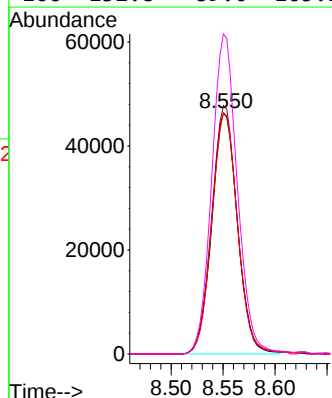
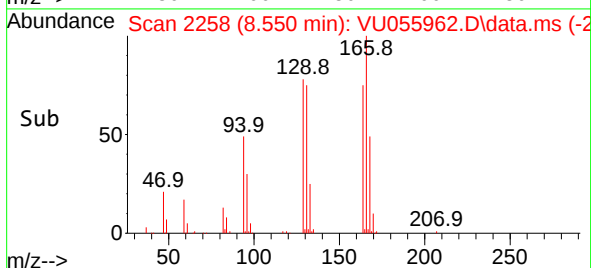
Tgt Ion:	97	Resp:	75729
Ion	Ratio	Lower	Upper
97	100		
99	58.5	45.3	84.1
83	82.3	61.9	115.1
85	57.5	41.9	77.9

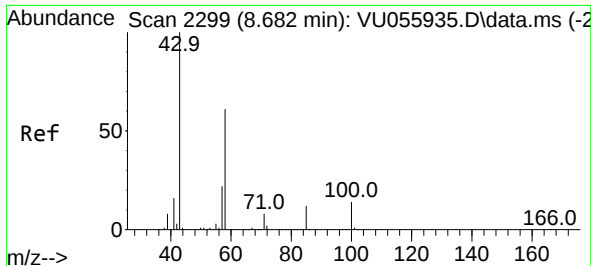


#47
Tetrachloroethene
Concen: 4.998 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44



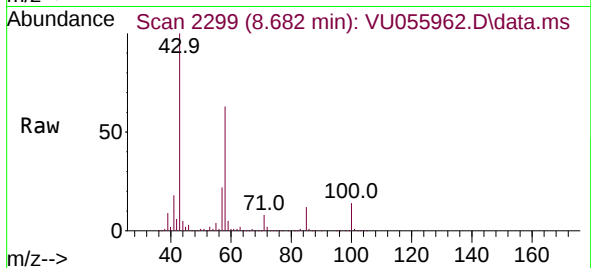
Tgt Ion:	164	Resp:	79817
Ion	Ratio	Lower	Upper
164	100		
129	103.2	72.2	134.0
131	100.1	70.8	131.6
166	132.8	89.0	165.2



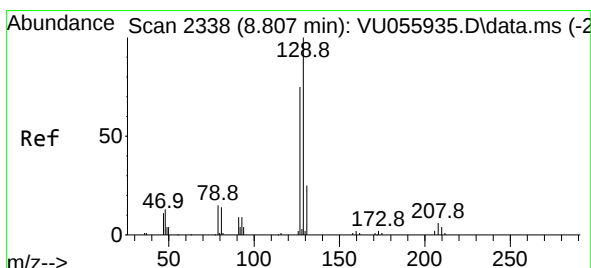
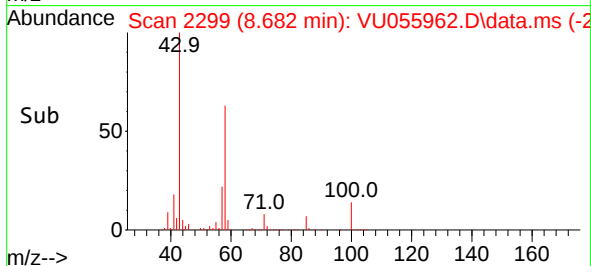
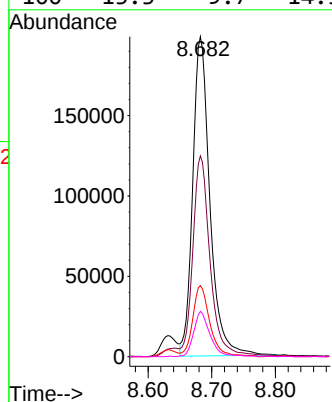


#48
2-Hexanone
Concen: 45.583 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

Instrument :
MSVOA_U
ClientSampleId :

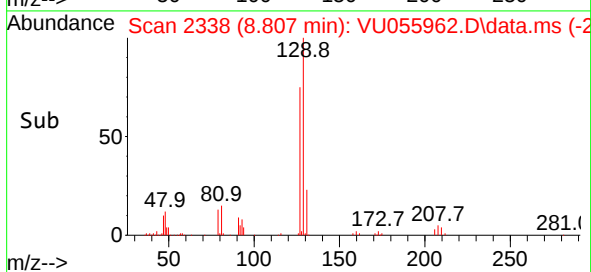
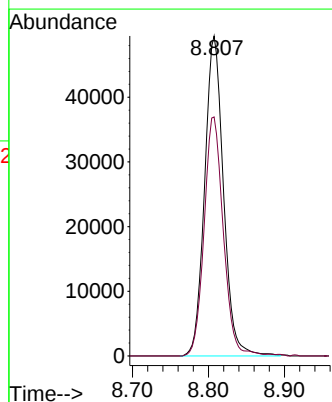
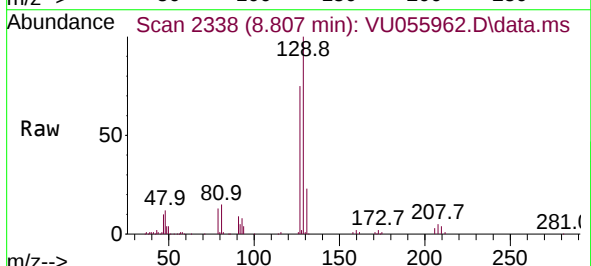


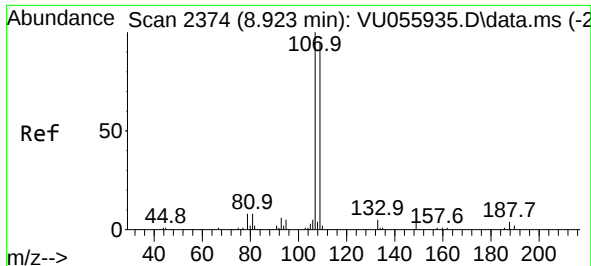
Tgt Ion: 43 Resp: 373970
Ion Ratio Lower Upper
43 100
58 62.7 49.5 74.3
57 21.4 16.9 25.3
100 13.3 9.7 14.5



#49
Dibromochloromethane
Concen: 5.099 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

Tgt Ion:129 Resp: 85193
Ion Ratio Lower Upper
129 100
127 74.7 53.5 99.5





#50

1,2-Dibromoethane

Concen: 4.830 ug/L

RT: 8.923 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU055962.D

Acq: 28 Oct 2023 09:44

Instrument :

MSVOA_U

ClientSampleId :

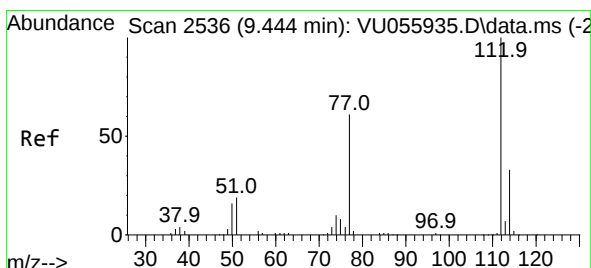
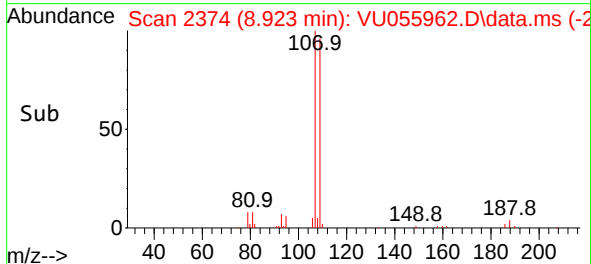
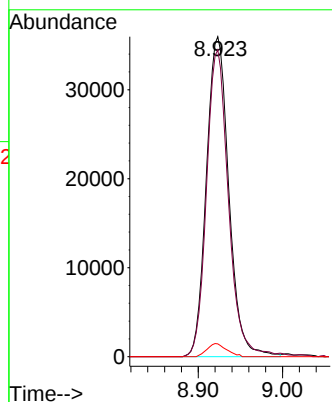
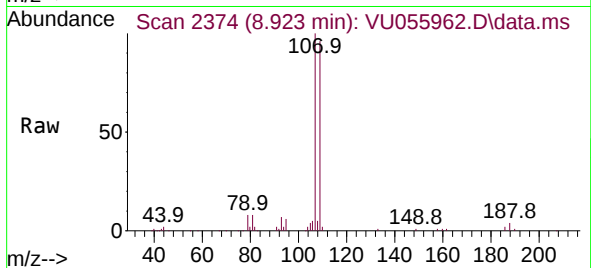
Tgt Ion:107 Resp: 66701

Ion Ratio Lower Upper

107 100

109 95.9 65.0 120.6

188 4.0 2.5 3.7#



#51

Chlorobenzene

Concen: 4.959 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

Lab File: VU055962.D

Acq: 28 Oct 2023 09:44

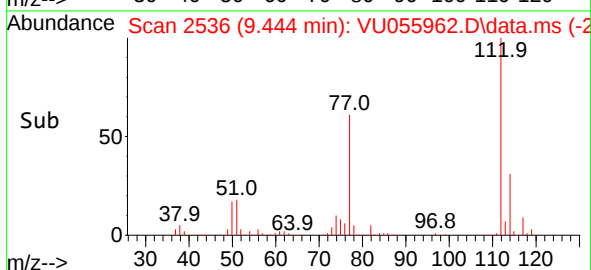
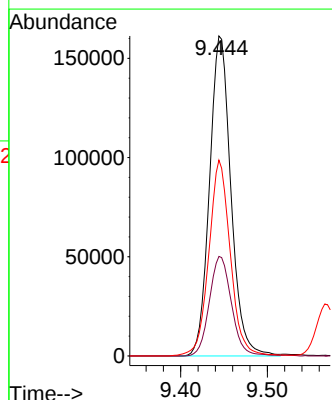
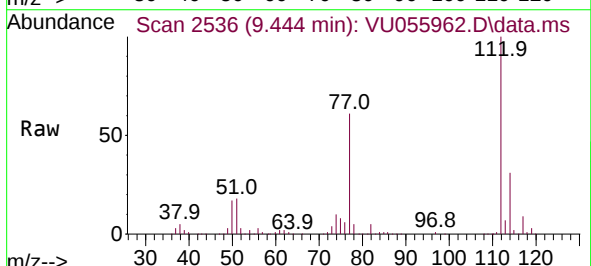
Tgt Ion:112 Resp: 276914

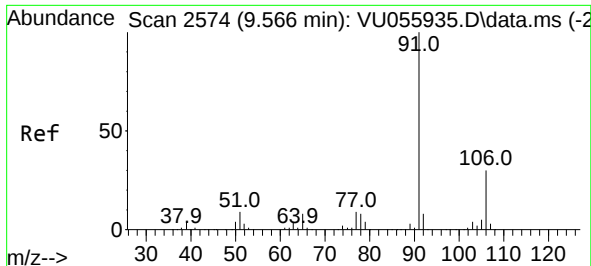
Ion Ratio Lower Upper

112 100

114 31.1 22.3 41.5

77 61.2 49.9 74.9

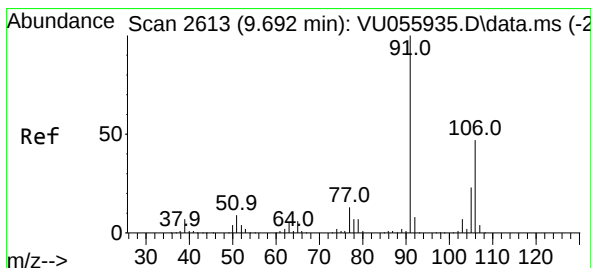
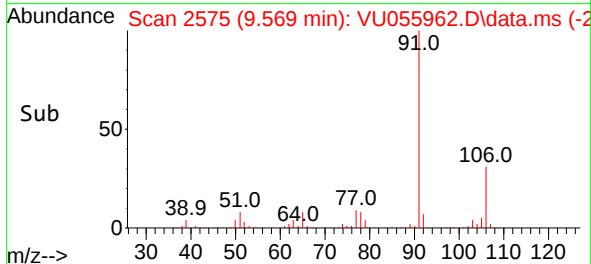
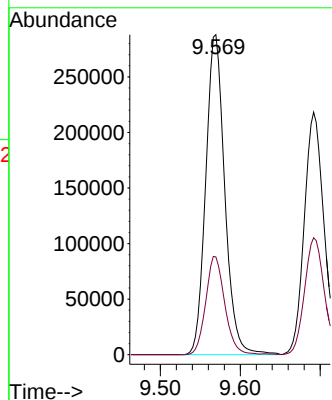
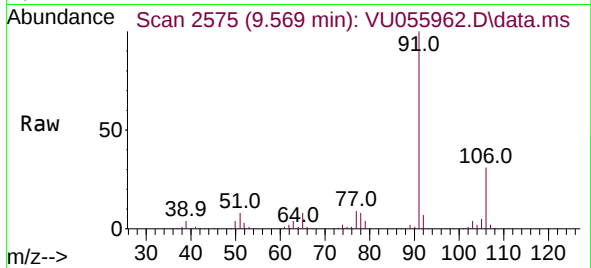




#52
Ethylbenzene
Concen: 4.945 ug/L
RT: 9.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

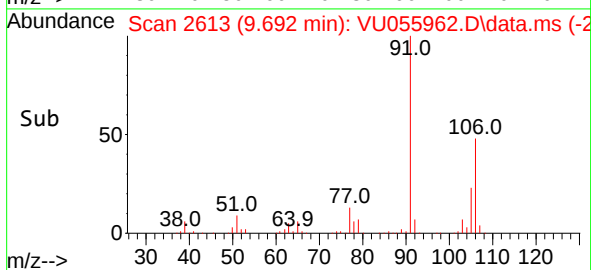
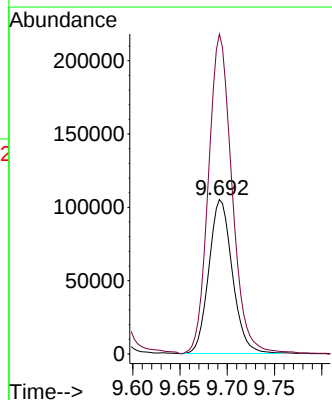
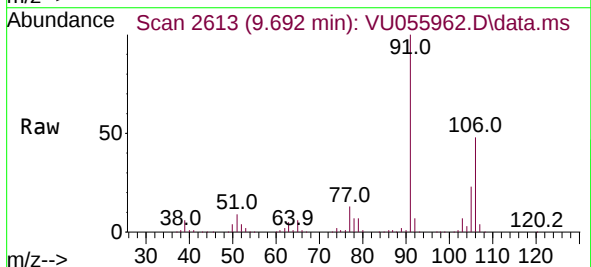
Instrument :
MSVOA_U
ClientSampleId :

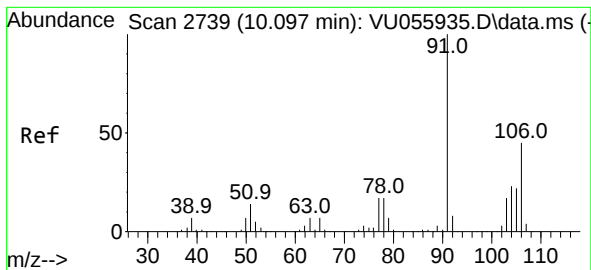
Tgt Ion: 91 Resp: 477543
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 5.027 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

Tgt Ion:106 Resp: 181428
Ion Ratio Lower Upper
106 100
91 207.3 150.4 279.2





#54

o-Xylene

Concen: 4.927 ug/L

RT: 10.100 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU055962.D

Acq: 28 Oct 2023 09:44

Instrument :

MSVOA_U

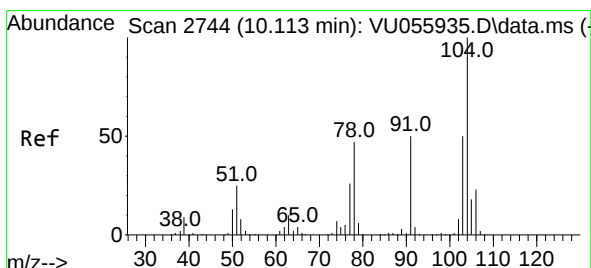
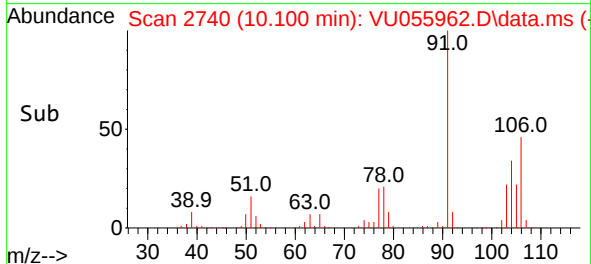
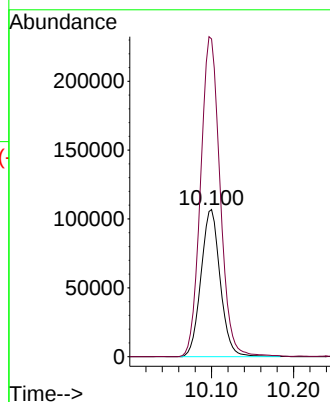
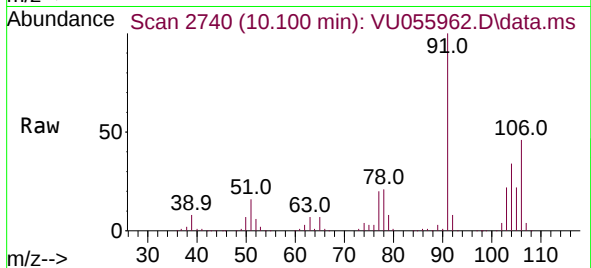
ClientSampleId :

Tgt Ion:106 Resp: 174002

Ion Ratio Lower Upper

106 100

91 215.7 154.6 287.2



#55

Styrene

Concen: 5.283 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VU055962.D

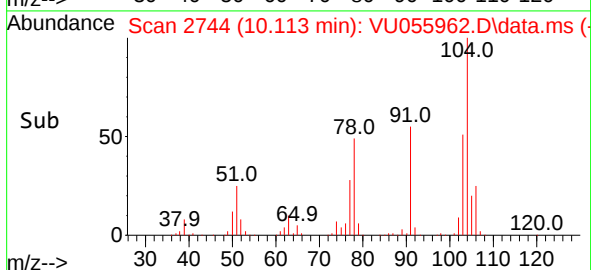
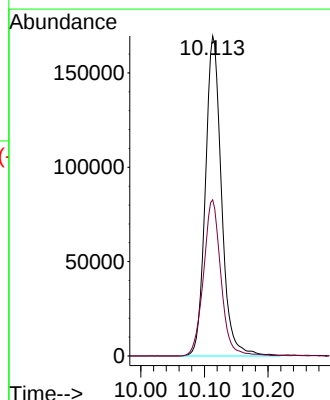
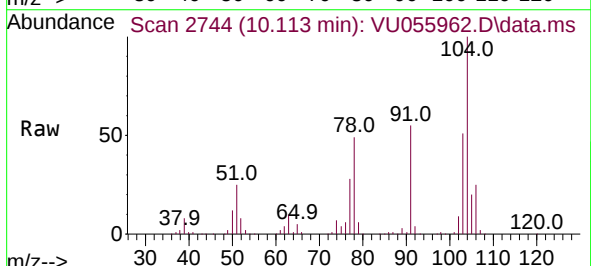
Acq: 28 Oct 2023 09:44

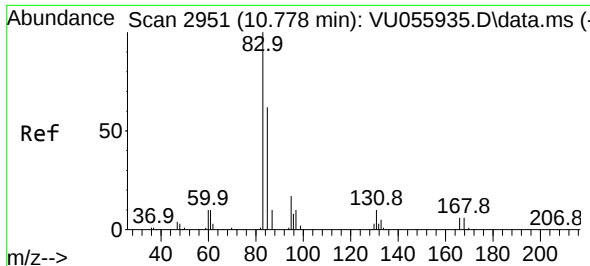
Tgt Ion:104 Resp: 299083

Ion Ratio Lower Upper

104 100

78 48.8 33.9 63.0

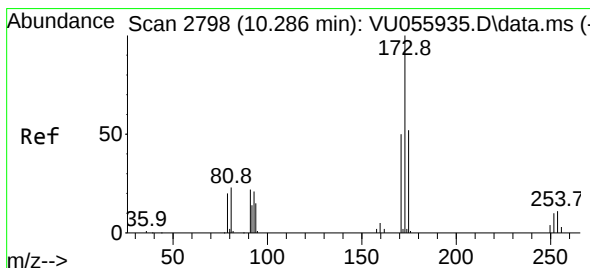
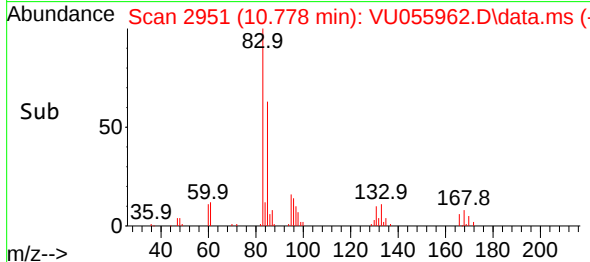
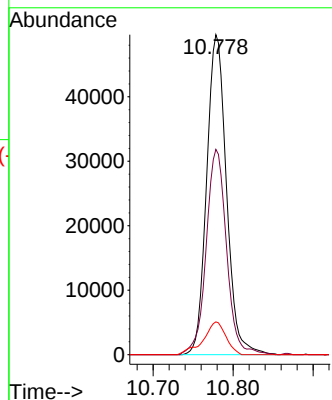
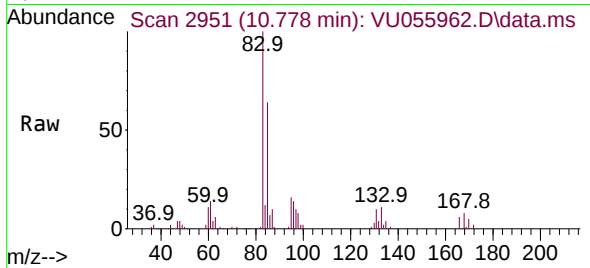




#57
1,1,2,2-Tetrachloroethane
Concen: 4.862 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

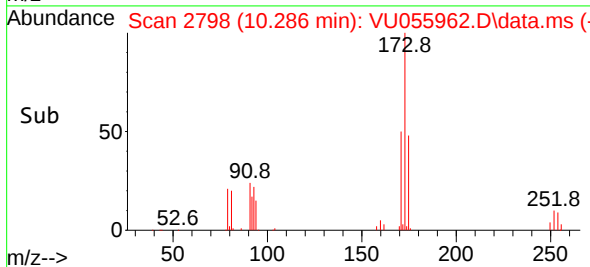
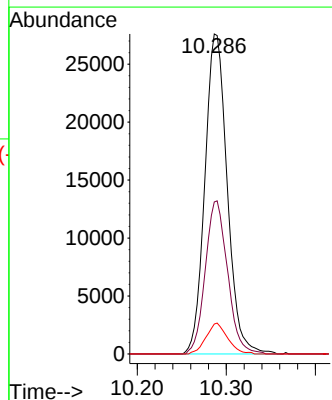
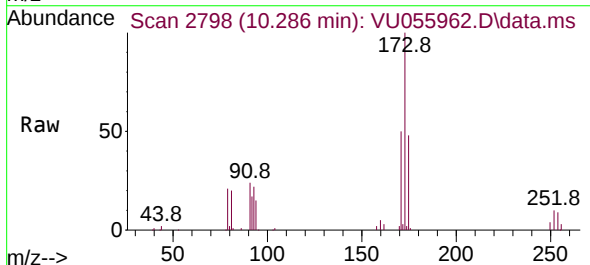
Instrument :
MSVOA_U
ClientSampleId :

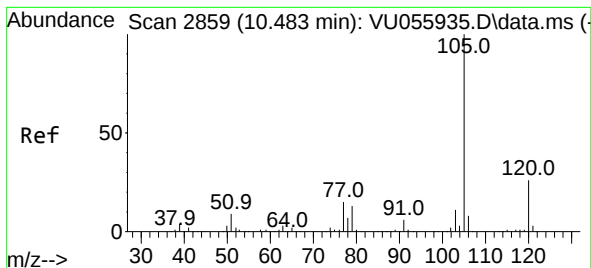
Tgt Ion: 83 Resp: 85650
Ion Ratio Lower Upper
83 100
85 64.2 46.2 85.8
131 10.3 7.2 10.8



#59
Bromoform
Concen: 4.923 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

Tgt Ion:173 Resp: 48055
Ion Ratio Lower Upper
173 100
175 47.7 37.8 56.6
254 9.3 7.4 11.0





#60

Isopropylbenzene

Concen: 5.126 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. 0.003 min

Lab File: VU055962.D

Acq: 28 Oct 2023 09:44

Instrument :

MSVOA_U

ClientSampleId :

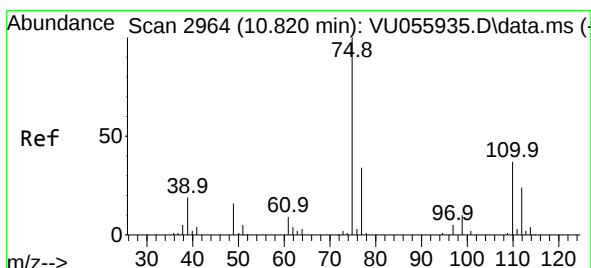
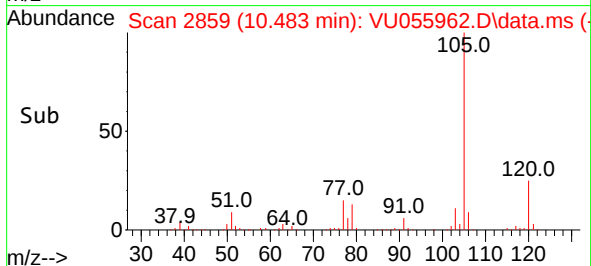
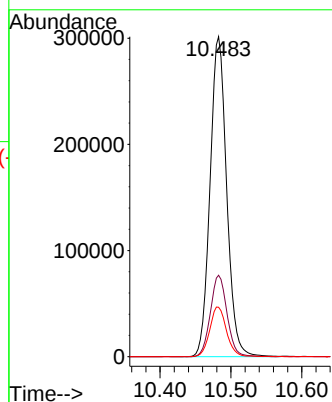
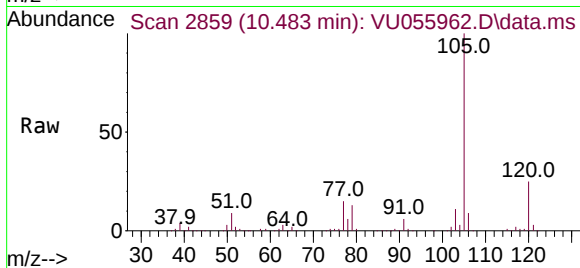
Tgt Ion:105 Resp: 490125

Ion Ratio Lower Upper

105 100

120 25.5 20.2 30.4

77 15.7 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 4.542 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. 0.003 min

Lab File: VU055962.D

Acq: 28 Oct 2023 09:44

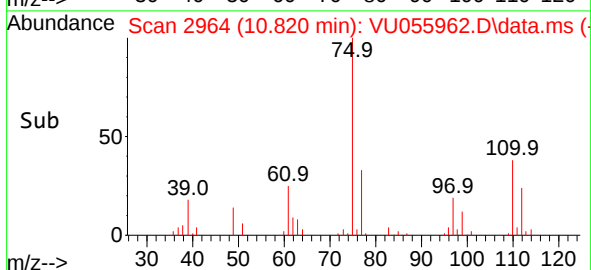
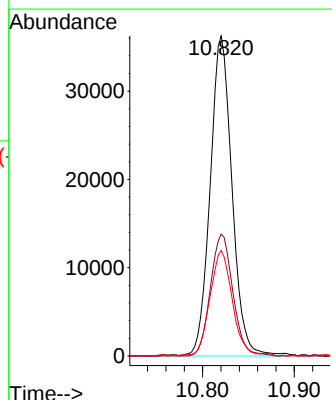
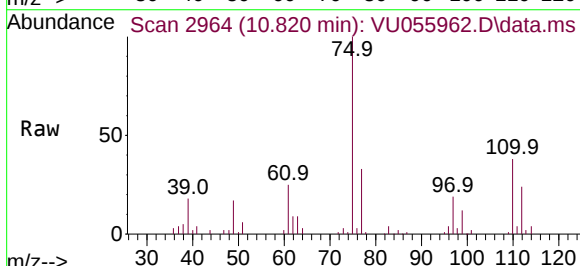
Tgt Ion: 75 Resp: 59831

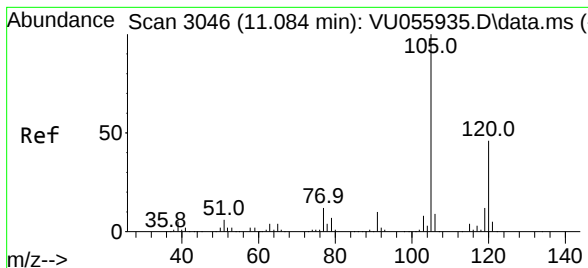
Ion Ratio Lower Upper

75 100

110 38.9 29.0 43.6

77 34.2 24.5 36.7





#62

1,3,5-Trimethylbenzene

Concen: 4.975 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU055962.D

Acq: 28 Oct 2023 09:44

Instrument :

MSVOA_U

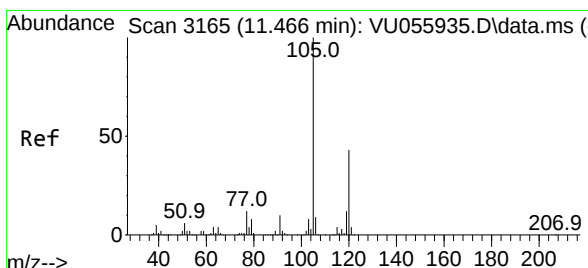
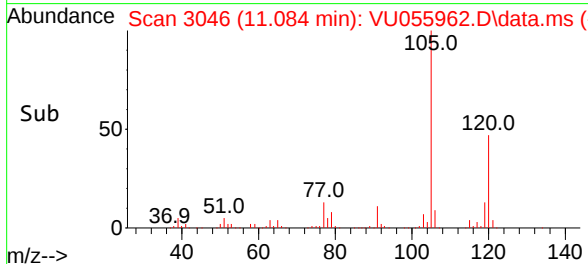
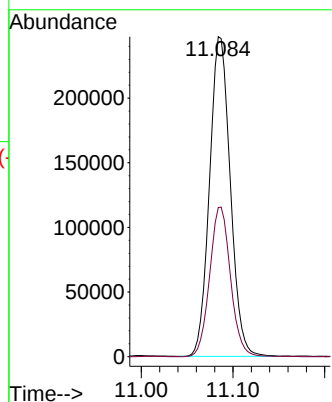
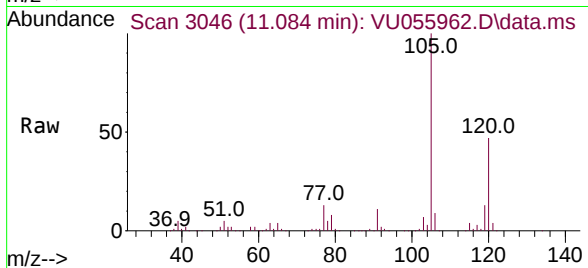
ClientSampleId :

Tgt Ion:105 Resp: 388754

Ion Ratio Lower Upper

105 100

120 47.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 5.379 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU055962.D

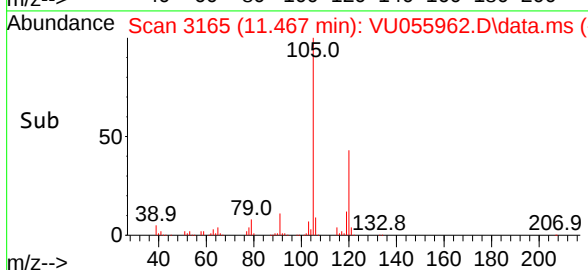
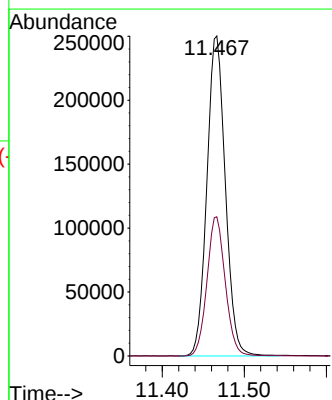
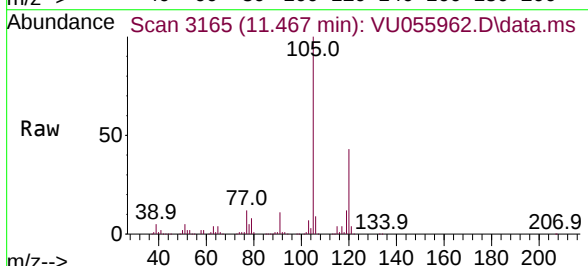
Acq: 28 Oct 2023 09:44

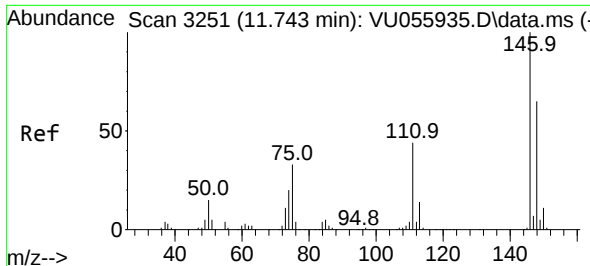
Tgt Ion:105 Resp: 390484

Ion Ratio Lower Upper

105 100

120 43.1 34.6 52.0

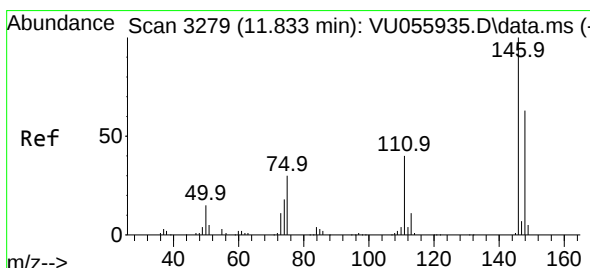
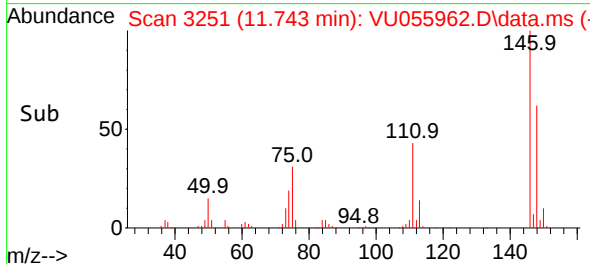
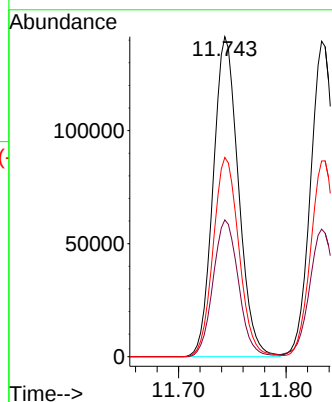
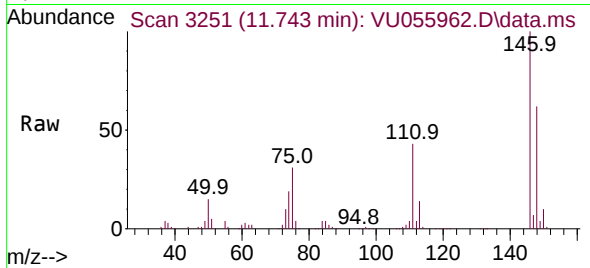




#64
1,3-Dichlorobenzene
Concen: 5.099 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

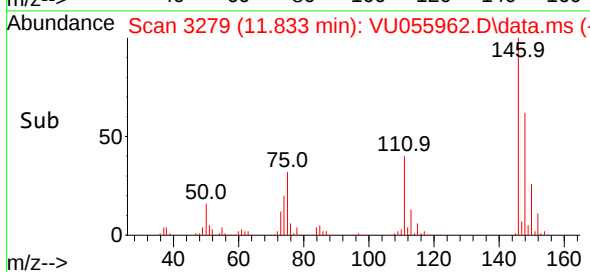
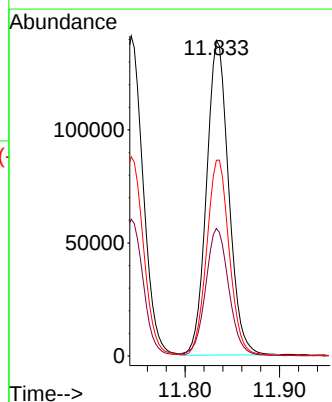
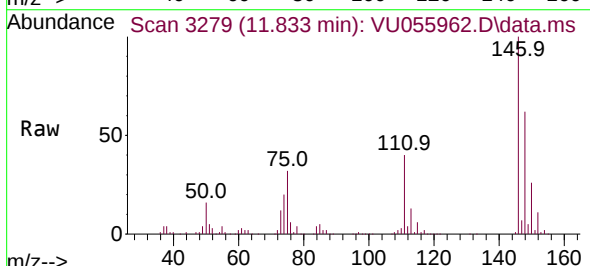
Instrument :
MSVOA_U
ClientSampleId :

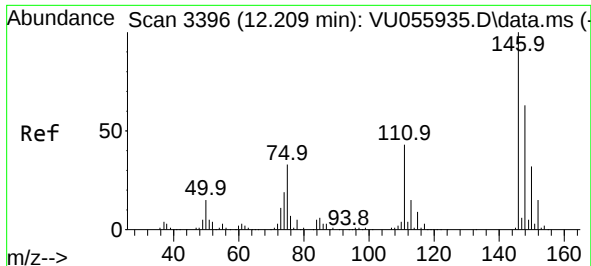
Tgt Ion:146 Resp: 231106
Ion Ratio Lower Upper
146 100
111 42.8 31.1 57.9
148 62.3 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 5.015 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

Tgt Ion:146 Resp: 226832
Ion Ratio Lower Upper
146 100
111 40.4 29.3 54.3
148 62.0 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 5.025 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. -0.000 min

Lab File: VU055962.D

Acq: 28 Oct 2023 09:44

Instrument :

MSVOA_U

ClientSampleId :

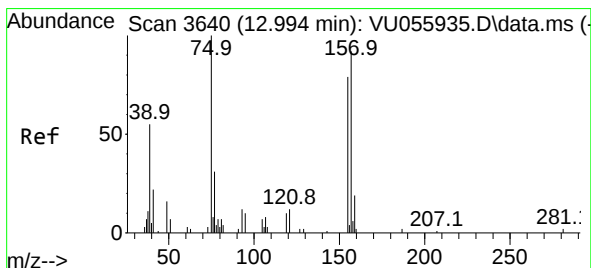
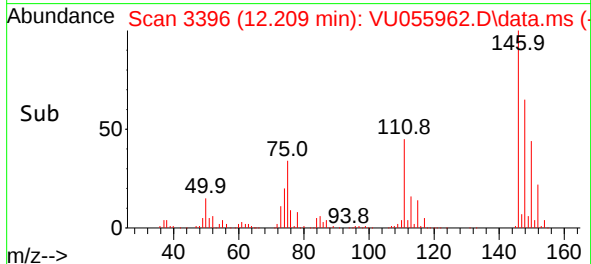
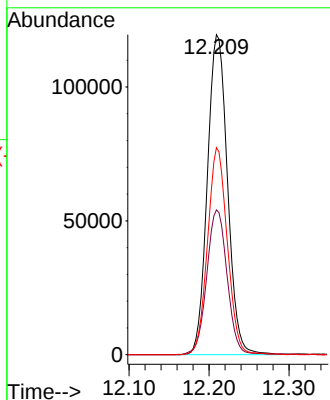
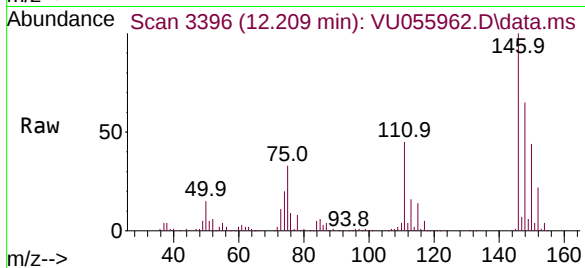
Tgt Ion:146 Resp: 209105

Ion Ratio Lower Upper

146 100

111 45.2 36.7 55.1

148 64.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.544 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU055962.D

Acq: 28 Oct 2023 09:44

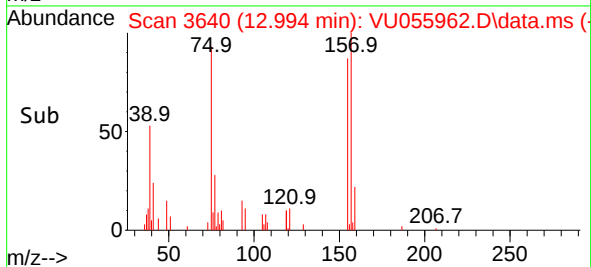
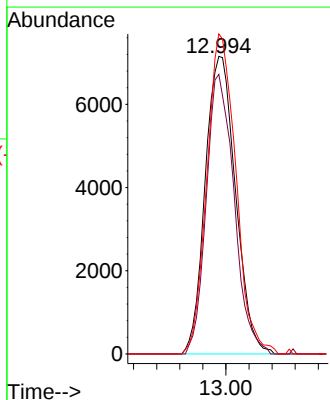
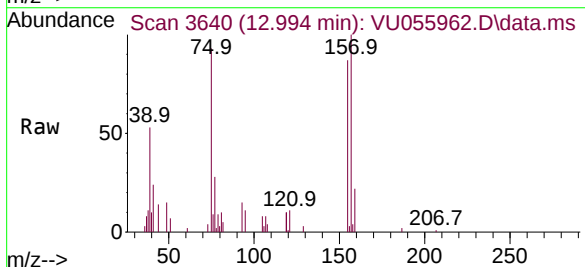
Tgt Ion: 75 Resp: 13032

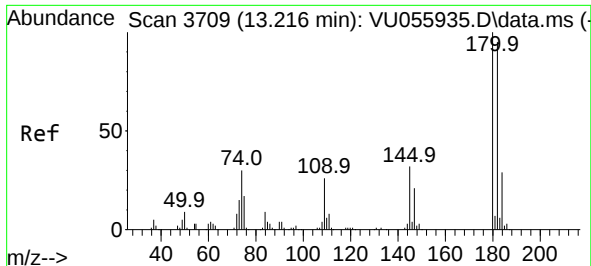
Ion Ratio Lower Upper

75 100

155 93.9 65.3 97.9

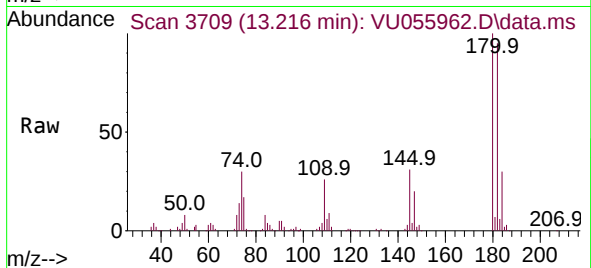
157 107.5 87.9 131.9



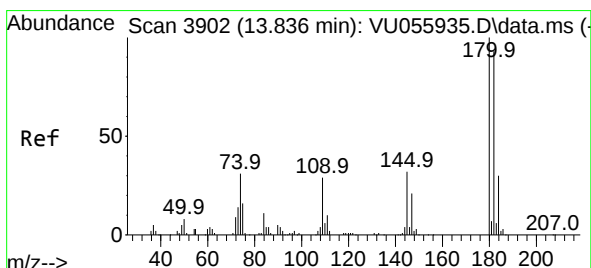
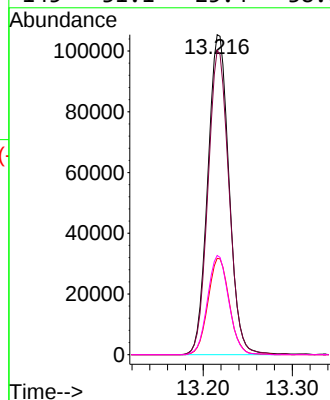
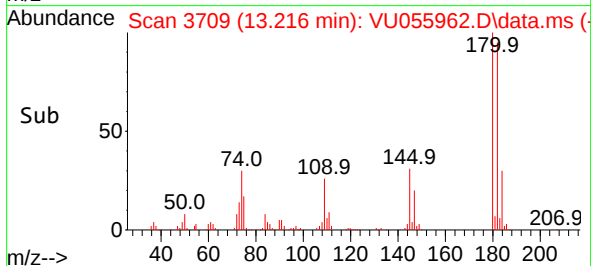


#69
1,3,5-Trichlorobenzene
Concen: 5.610 ug/L
RT: 13.216 min Scan# 3709
Delta R.T. -0.000 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44

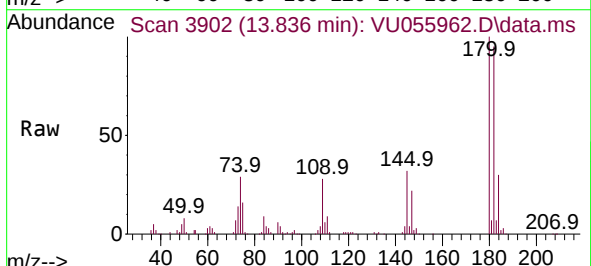
Instrument :
MSVOA_U
ClientSampleId :



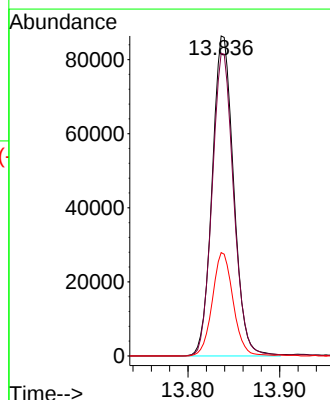
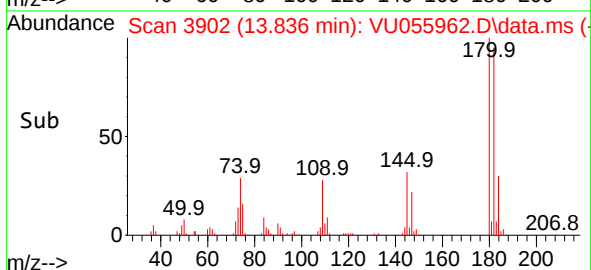
Tgt Ion:180 Resp: 173746
Ion Ratio Lower Upper
180 100
182 94.2 74.7 112.1
184 30.3 23.8 35.8
145 31.1 25.4 38.0

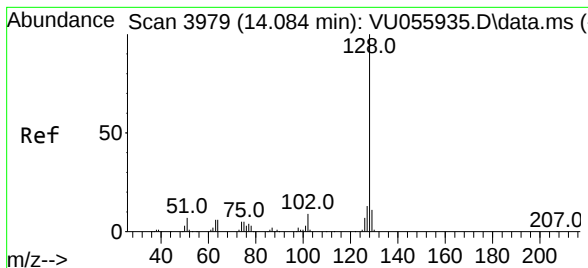


#70
1,2,4-trichlorobenzene
Concen: 6.131 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VU055962.D
Acq: 28 Oct 2023 09:44



Tgt Ion:180 Resp: 140359
Ion Ratio Lower Upper
180 100
182 94.9 76.1 114.1
145 31.3 26.4 39.6





#71

Naphthalene

Concen: 5.829 ug/L

RT: 14.087 min Scan# 3979

Delta R.T. 0.003 min

Lab File: VU055962.D

Acq: 28 Oct 2023 09:44

Instrument :

MSVOA_U

ClientSampleId :

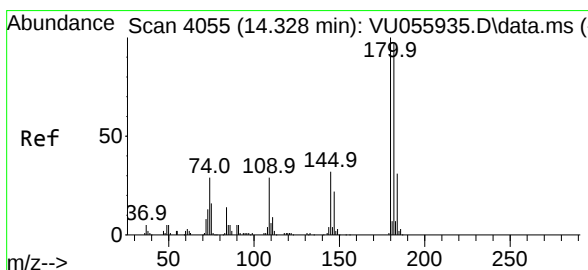
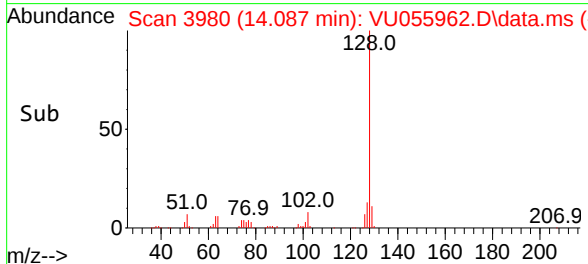
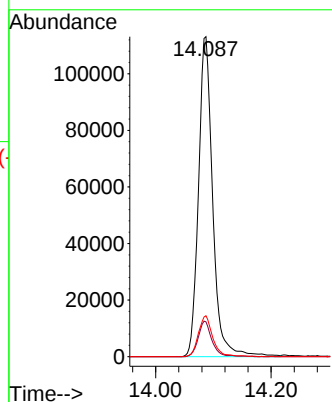
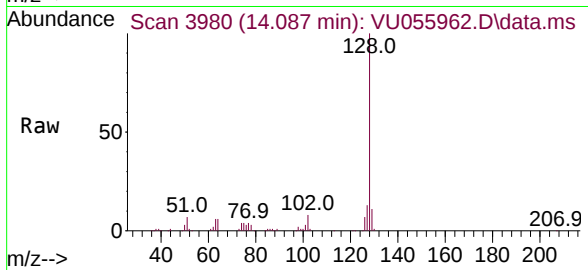
Tgt Ion:128 Resp: 193222

Ion Ratio Lower Upper

128 100

129 10.4 8.3 12.5

127 12.8 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 5.805 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU055962.D

Acq: 28 Oct 2023 09:44

Tgt Ion:180 Resp: 114574

Ion Ratio Lower Upper

180 100

182 96.5 74.6 112.0

145 34.9 27.4 41.2

