

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070723\
 Data File : VU054773.D
 Acq On : 07 Jul 2023 09:58
 Operator : MD/SY
 Sample : VSTD00539
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005039

Quant Time: Jul 08 07:41:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR070723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 08 07:39:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	237514	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	228997	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	122199	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	89959	5.019	ug/L	0.00
7) Chloroethane-d5	1.907	69	74957	4.998	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	35903	4.904	ug/L	0.00
20) 2-Butanone-d5	4.624	46	204998	50.330	ug/L	0.00
24) Chloroform-d	5.058	84	163609	5.123	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	83878	5.024	ug/L	0.00
32) Benzene-d6	5.724	84	308903	5.082	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	97723	5.069	ug/L	0.00
41) Toluene-d8	7.894	98	292221	5.158	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	39448	5.085	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	154323	51.921	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	78065	5.025	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	106622	5.008	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	89422	4.847	ug/L	100
3) Chloromethane	1.518	50	95927	4.656	ug/L	100
5) Vinyl chloride	1.602	62	96959	4.842	ug/L	100
6) Bromomethane	1.853	94	57198	4.700	ug/L	100
8) Chloroethane	1.927	64	55538	4.848	ug/L	100
9) Trichlorofluoromethane	2.132	101	127368	4.881	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	63190	4.847	ug/L	100
12) 1,1-Dichloroethene	2.573	96	57896	4.764	ug/L	100
13) Acetone	2.631	43	105395	49.551	ug/L	100
14) Carbon disulfide	2.788	76	197329	4.823	ug/L	100
15) Methyl Acetate	2.952	43	25352	4.819	ug/L	100
16) Methylene chloride	3.039	84	72244	4.017	ug/L	100
17) Methyl tert-butyl Ether	3.361	73	138709	4.838	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	59258	4.736	ug/L	100
19) 1,1-Dichloroethane	3.862	63	117860	4.859	ug/L	100
21) 2-Butanone	4.701	43	158081	49.318	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	64975	4.769	ug/L	100
23) Bromochloromethane	4.972	128	30454	5.025	ug/L	100
25) Chloroform	5.084	83	122665	4.824	ug/L	100
27) 1,2-Dichloroethane	5.791	62	78510	4.780	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	107563	4.868	ug/L	100
30) Cyclohexane	5.383	56	96370	4.903	ug/L	100
31) Carbon tetrachloride	5.518	117	96333	4.858	ug/L	100
33) Benzene	5.769	78	252671	4.901	ug/L	100
34) Trichloroethene	6.541	95	68455	4.744	ug/L	100
35) Methylcyclohexane	6.759	83	98164	4.865	ug/L	100
37) 1,2-Dichloropropane	6.788	63	65419	4.835	ug/L	100
38) Bromodichloromethane	7.100	83	83633	4.812	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	98967	4.890	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	378842	49.963	ug/L	100
42) Toluene	7.965	91	275476	5.042	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	87585	5.006	ug/L	100

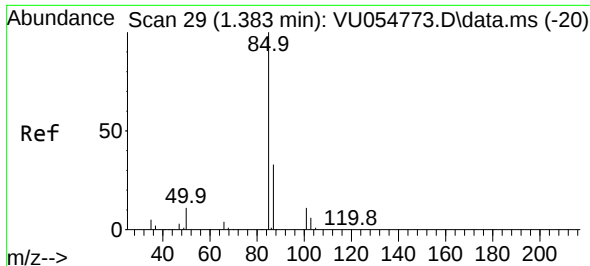
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070723\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	46144	4.763	ug/L	100
47) Tetrachloroethene	8.550	164	57329	4.905	ug/L	100
48) 2-Hexanone	8.682	43	282001	51.648	ug/L	100
49) Dibromochloromethane	8.807	129	56124	4.977	ug/L	100
50) 1,2-Dibromoethane	8.920	107	45320	4.903	ug/L	100
51) Chlorobenzene	9.444	112	170460	4.870	ug/L	100
52) Ethylbenzene	9.566	91	284893	4.871	ug/L	100
53) m,p-Xylene	9.692	106	110418	4.942	ug/L	100
54) o-Xylene	10.097	106	105131	5.038	ug/L	100
55) Styrene	10.113	104	179183	5.078	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	58182	4.926	ug/L	100
59) Bromoform	10.286	173	35314	4.940	ug/L	100
60) Isopropylbenzene	10.483	105	282194	4.977	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	43679	4.905	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	227435	4.835	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	222107	4.941	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	138251	4.842	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	138552	4.872	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	126725	4.829	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.990	75	9950	4.592	ug/L	100
69) 1,3,5-Trichlorobenzene	13.216	180	103658	4.857	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	81970	4.780	ug/L	100
71) Naphthalene	14.084	128	126399	4.668	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	73558	4.798	ug/L	100

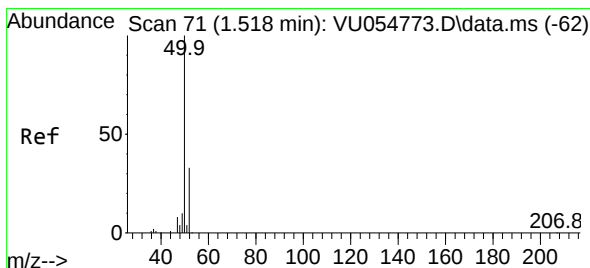
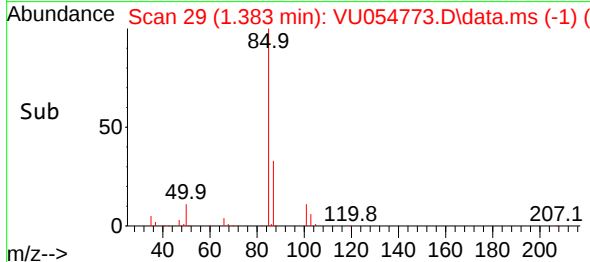
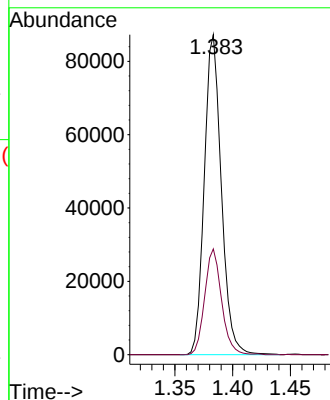
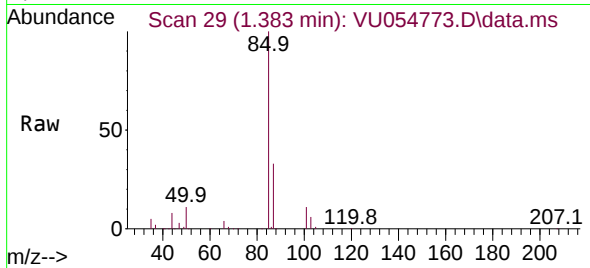
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#2
Dichlorodifluoromethane
Concen: 4.847 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

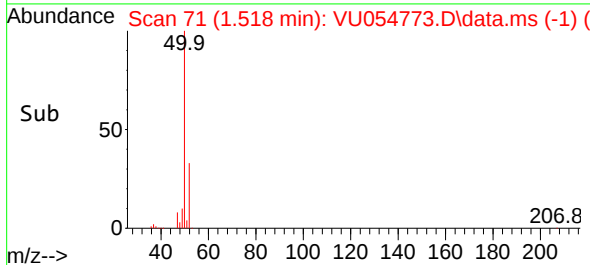
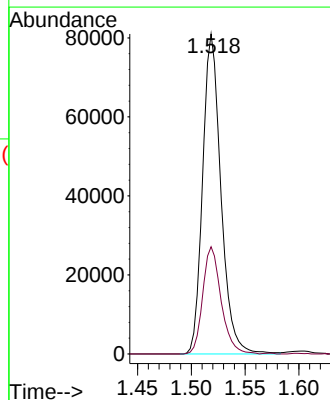
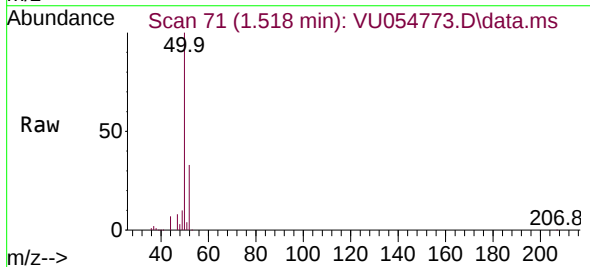
Instrument :
MSVOA_U
ClientSampleId :
VSTD005039

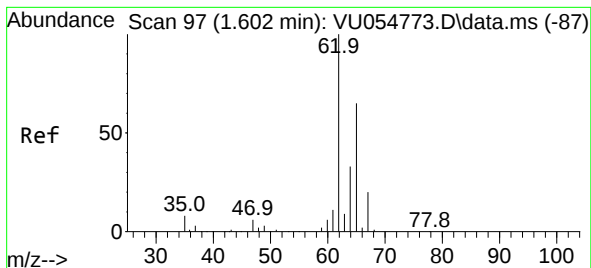
Tgt Ion: 85 Resp: 89422
Ion Ratio Lower Upper
85 100
87 32.7 26.2 39.2



#3
Chloromethane
Concen: 4.656 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

Tgt Ion: 50 Resp: 95927
Ion Ratio Lower Upper
50 100
52 33.5 23.4 43.6





#5

Vinyl chloride

Concen: 4.842 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU054773.D

Acq: 07 Jul 2023 09:58

Instrument :

MSVOA_U

ClientSampleId :

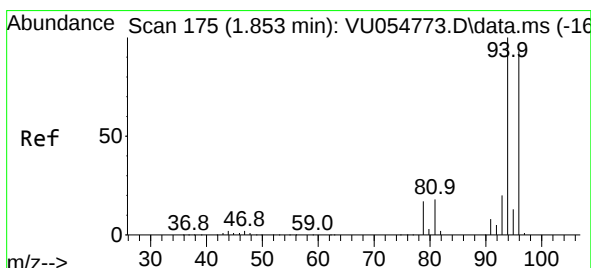
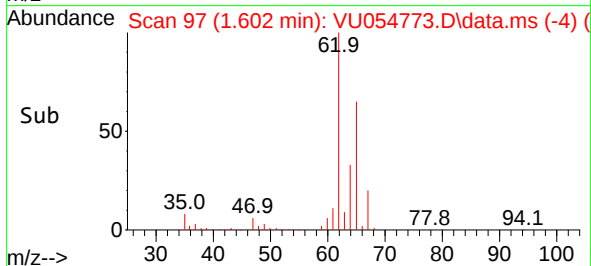
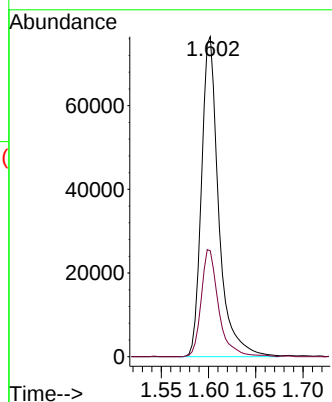
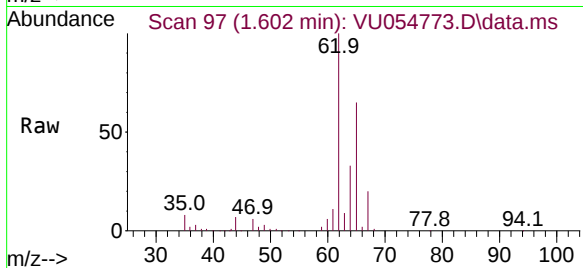
VSTD005039

Tgt Ion: 62 Resp: 96959

Ion Ratio Lower Upper

62 100

64 33.1 23.2 43.0



#6

Bromomethane

Concen: 4.700 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU054773.D

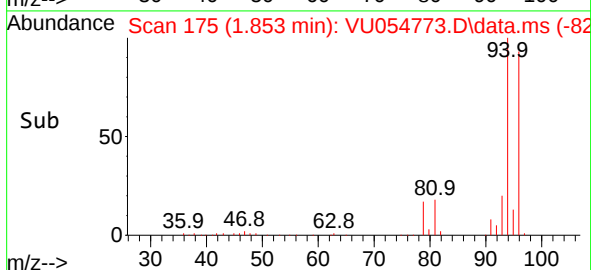
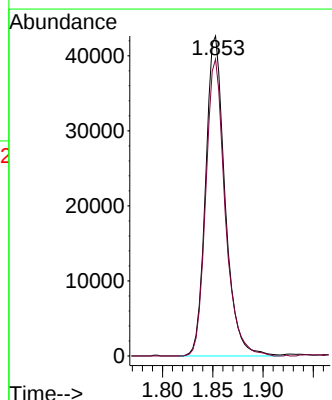
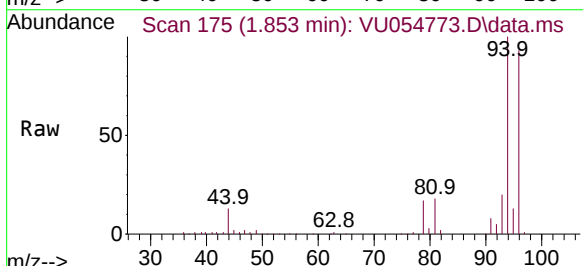
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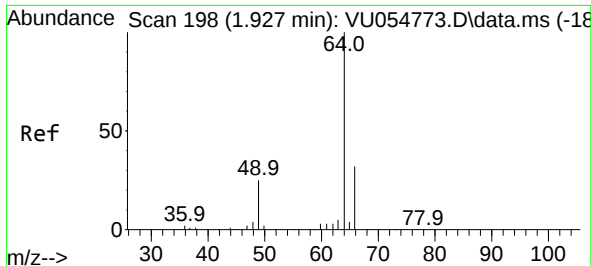
Tgt Ion: 94 Resp: 57198

Ion Ratio Lower Upper

94 100

96 92.8 65.0 120.6





#8

Chloroethane

Concen: 4.848 ug/L

RT: 1.927 min Scan# 198

Delta R.T. 0.000 min

Lab File: VU054773.D

Acq: 07 Jul 2023 09:58

Instrument :

MSVOA_U

ClientSampleId :

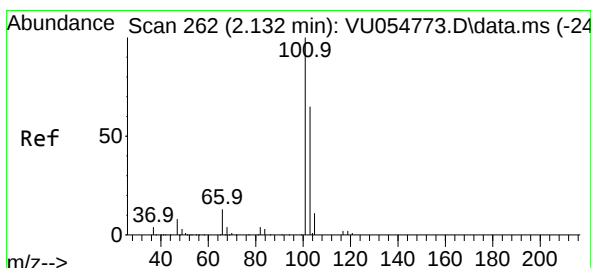
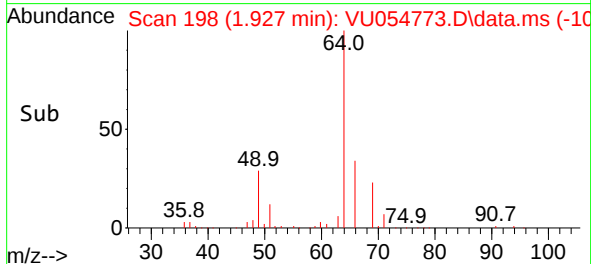
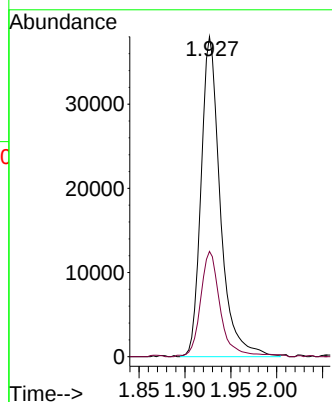
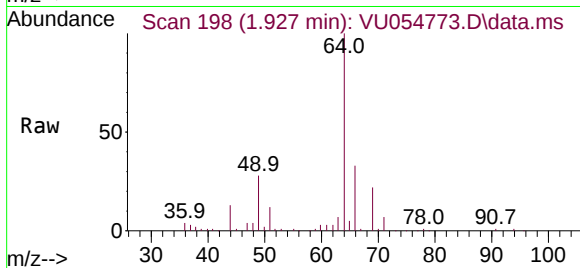
VSTD005039

Tgt Ion: 64 Resp: 55538

Ion Ratio Lower Upper

64 100

66 32.9 23.0 42.8



#9

Trichlorofluoromethane

Concen: 4.881 ug/L

RT: 2.132 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU054773.D

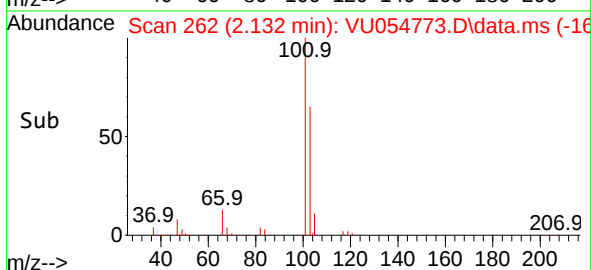
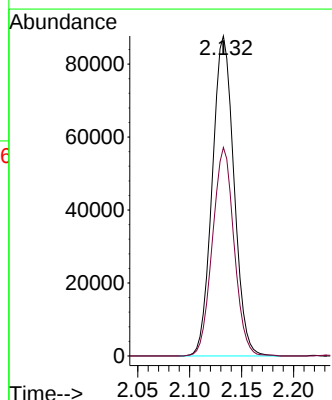
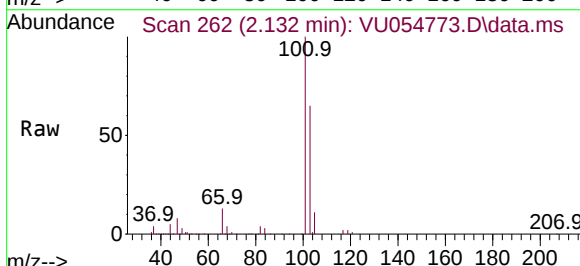
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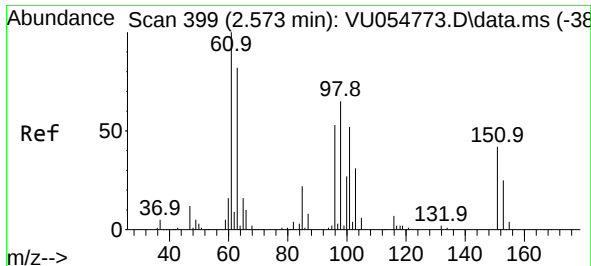
Tgt Ion: 101 Resp: 127368

Ion Ratio Lower Upper

101 100

103 64.8 51.8 77.8

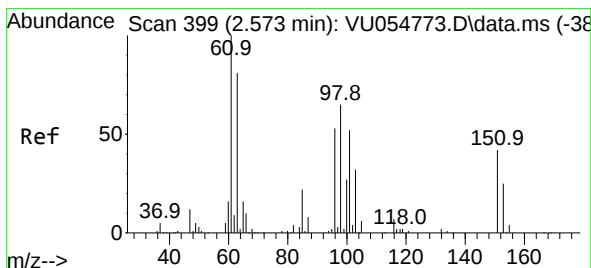
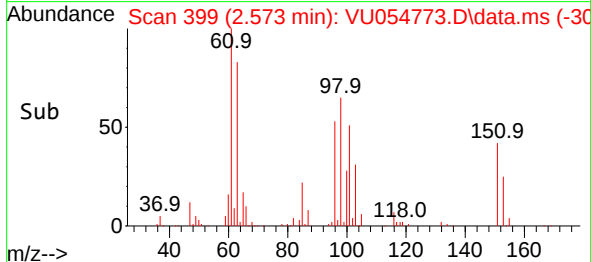
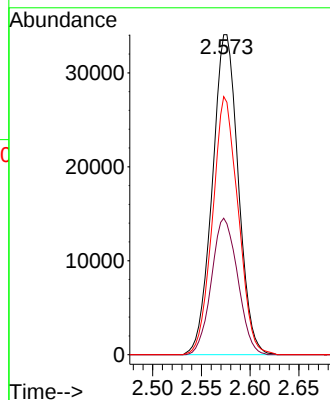
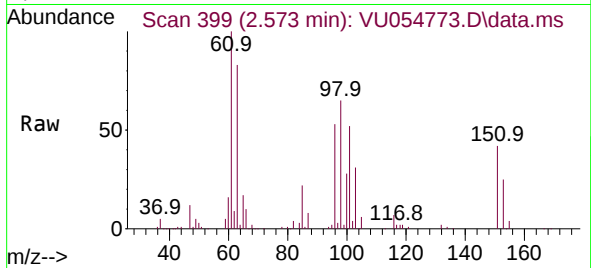




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.847 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

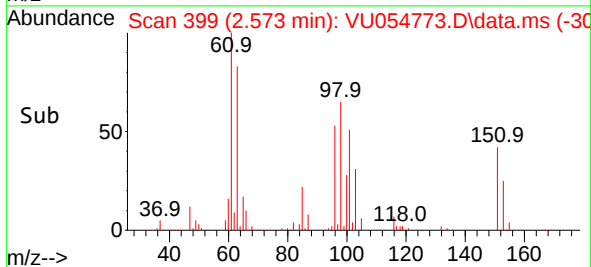
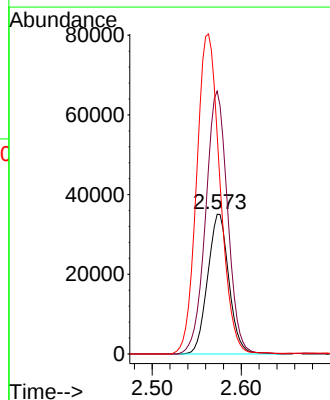
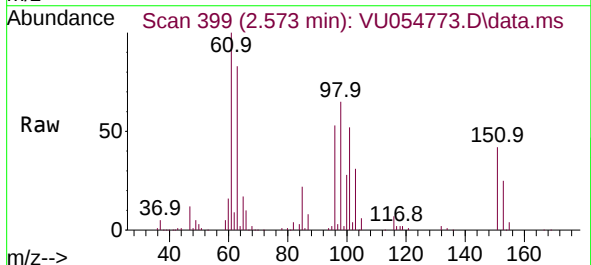
Instrument :
MSVOA_U
ClientSampleId :
VSTD005039

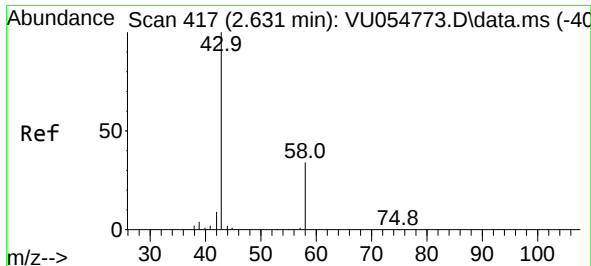
Tgt Ion:101 Resp: 63190
Ion Ratio Lower Upper
101 100
85 43.1 34.5 51.7
151 79.4 63.5 95.3



#12
1,1-Dichloroethene
Concen: 4.764 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

Tgt Ion: 96 Resp: 57896
Ion Ratio Lower Upper
96 100
61 188.3 131.8 244.8
63 156.9 109.8 204.0





#13

Acetone

Concen: 49.551 ug/L

RT: 2.631 min Scan# 417

Delta R.T. 0.000 min

Lab File: VU054773.D

Acq: 07 Jul 2023 09:58

Instrument :

MSVOA_U

ClientSampleId :

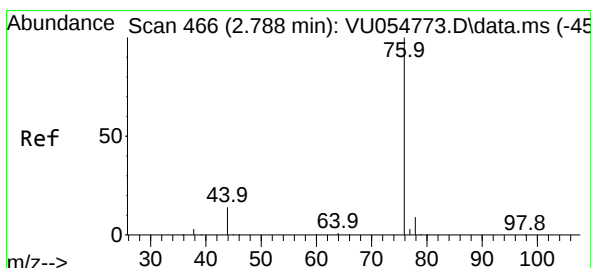
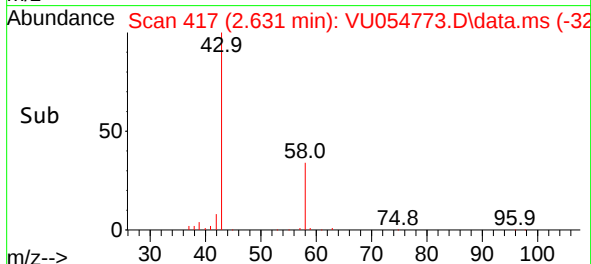
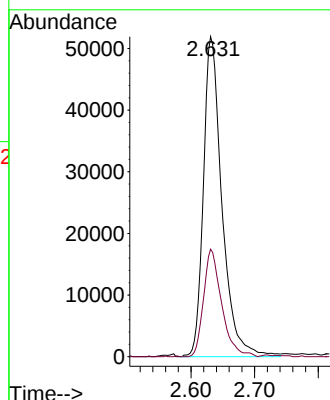
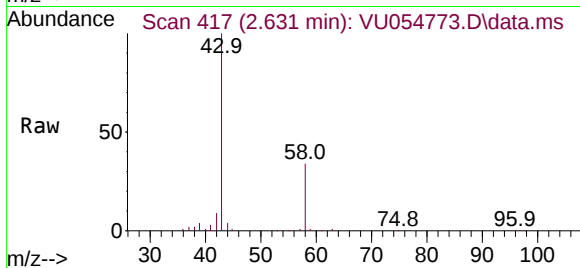
VSTD005039

Tgt Ion: 43 Resp: 105395

Ion Ratio Lower Upper

43 100

58 32.5 0.0 65.0



#14

Carbon disulfide

Concen: 4.823 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU054773.D

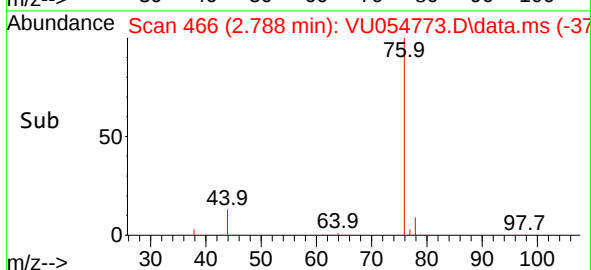
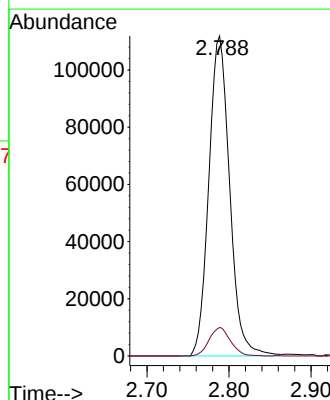
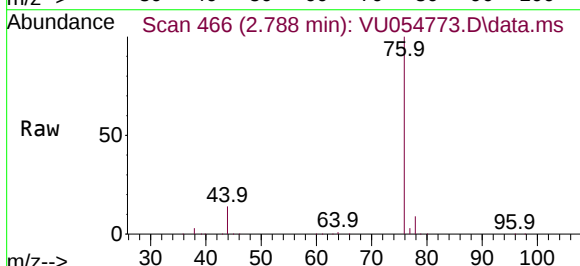
Acq: 07 Jul 2023 09:58

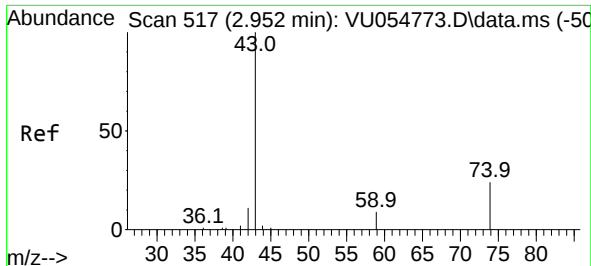
Tgt Ion: 76 Resp: 197329

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

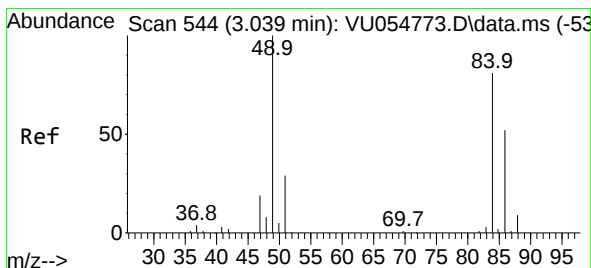
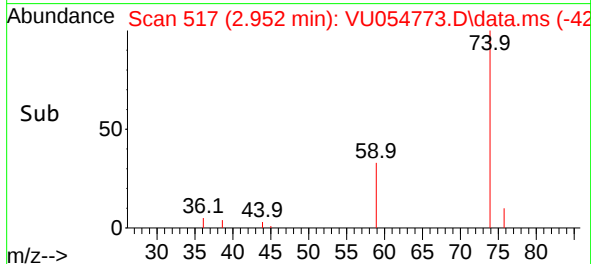
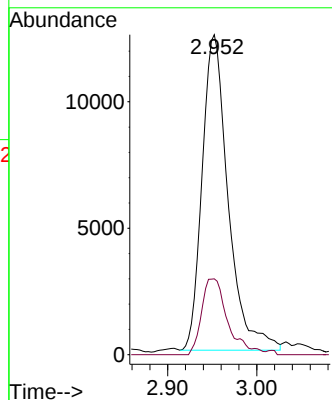
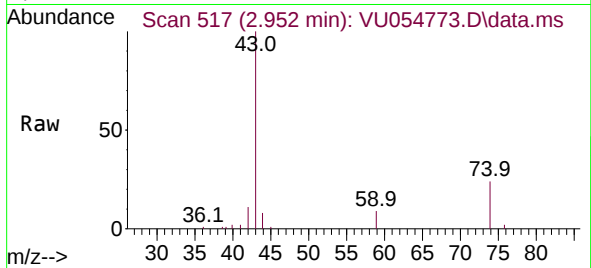




#15
Methyl Acetate
Concen: 4.819 ug/L
RT: 2.952 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

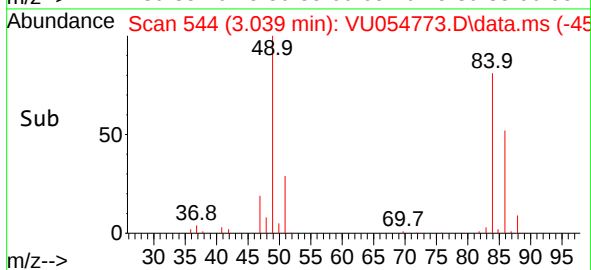
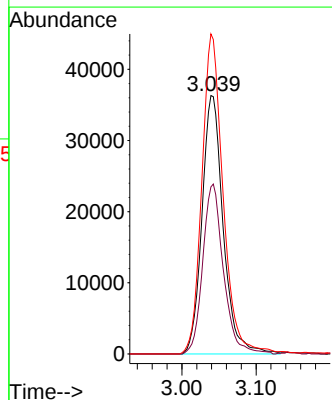
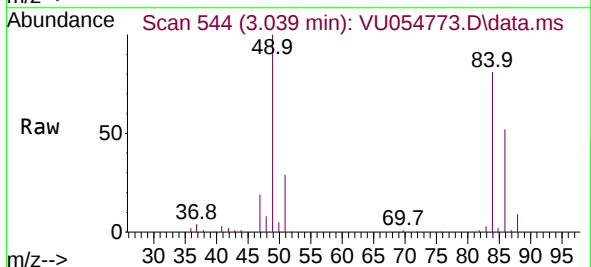
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MSVOA_U
ClientSampleId :
VSTD005039

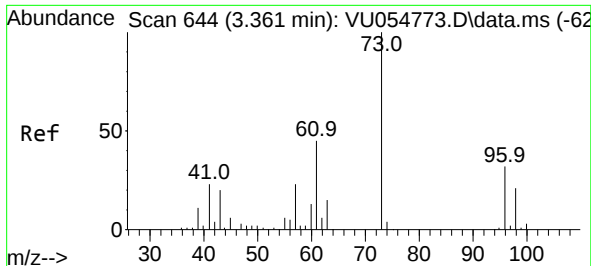
Tgt Ion: 43 Resp: 25352
Ion Ratio Lower Upper
43 100
74 24.0 19.2 28.8



#16
Methylene chloride
Concen: 4.017 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

Tgt Ion: 84 Resp: 72244
Ion Ratio Lower Upper
84 100
86 64.7 45.3 84.1
49 123.8 86.7 160.9

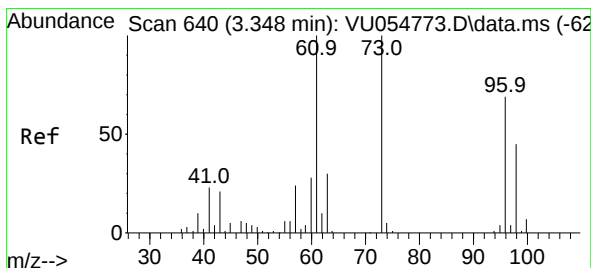
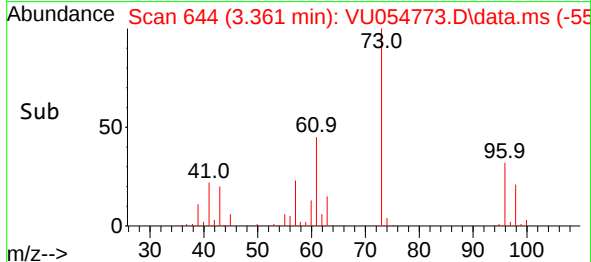
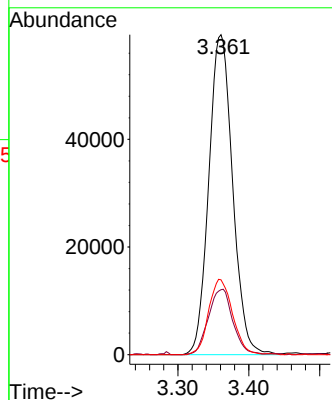
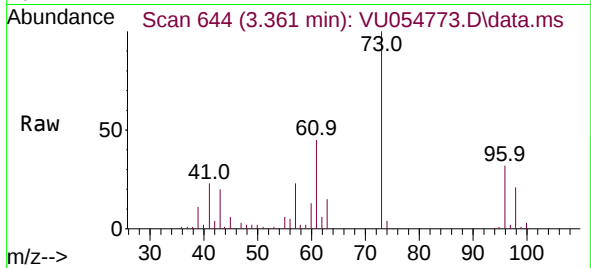




#17
Methyl tert-butyl Ether
Concen: 4.838 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

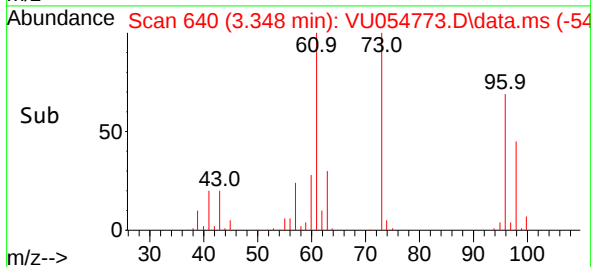
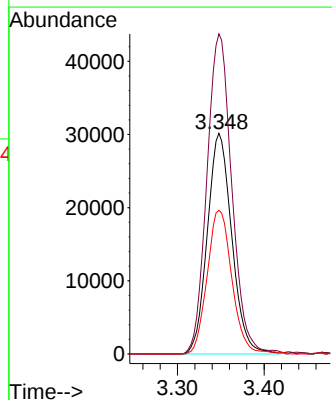
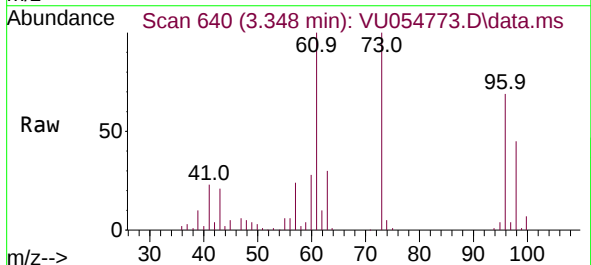
Instrument :
MSVOA_U
ClientSampleId :
VSTD005039

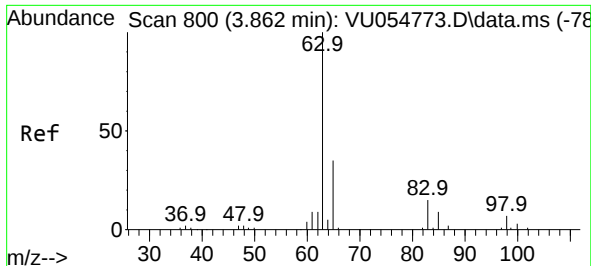
Tgt Ion: 73 Resp: 138709
Ion Ratio Lower Upper
73 100
43 21.1 16.9 25.3
57 23.6 18.9 28.3



#18
trans-1,2-Dichloroethene
Concen: 4.736 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

Tgt Ion: 96 Resp: 59258
Ion Ratio Lower Upper
96 100
61 145.1 101.6 188.6
98 65.1 45.6 84.6

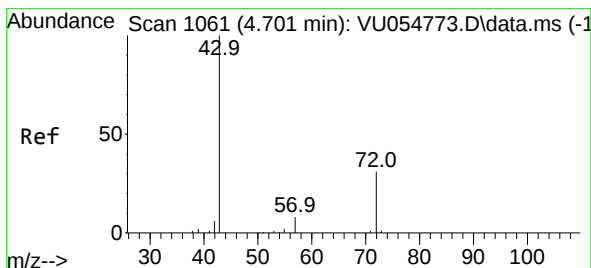
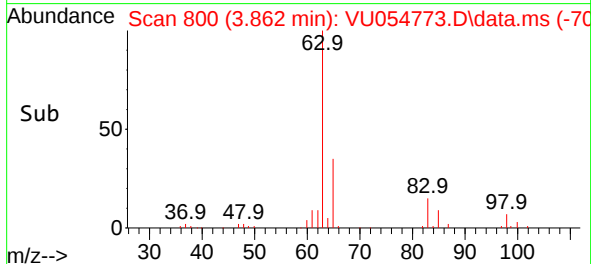
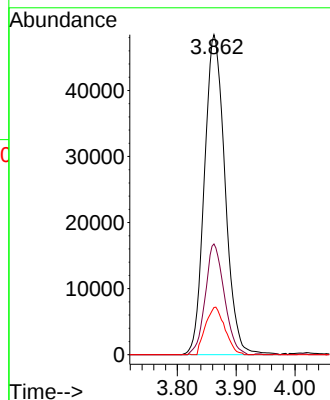
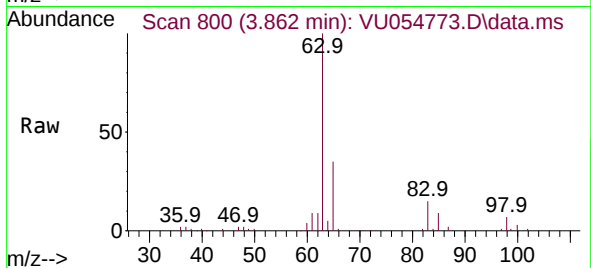




#19
1,1-Dichloroethane
Concen: 4.859 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

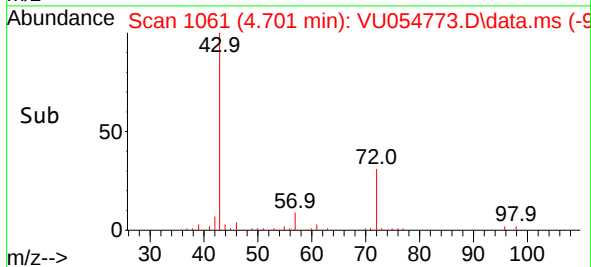
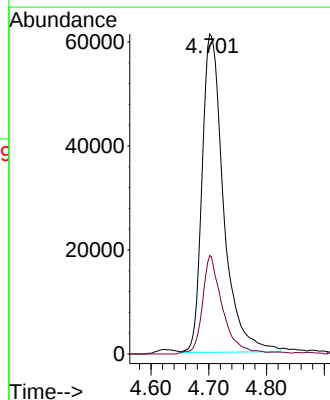
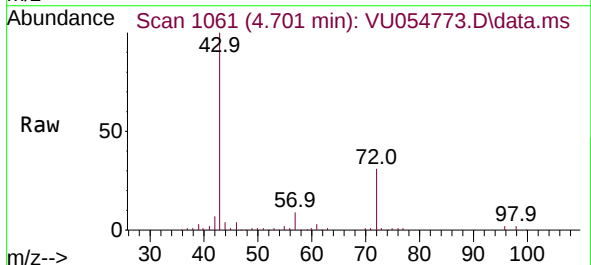
Instrument :
MSVOA_U
ClientSampleId :
VSTD005039

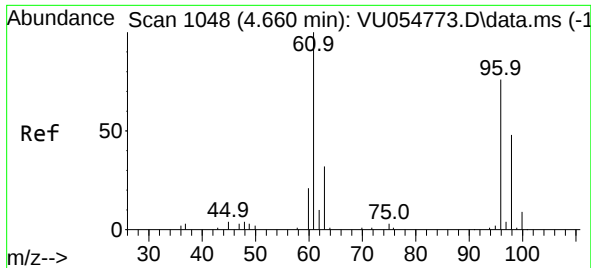
Tgt Ion: 63 Resp: 117860
Ion Ratio Lower Upper
63 100
65 34.6 24.2 45.0
83 14.8 10.4 19.2



#21
2-Butanone
Concen: 49.318 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

Tgt Ion: 43 Resp: 158081
Ion Ratio Lower Upper
43 100
72 28.9 14.4 43.4

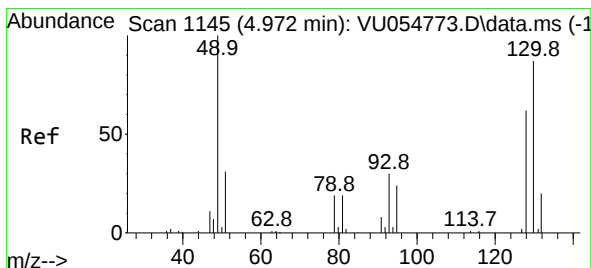
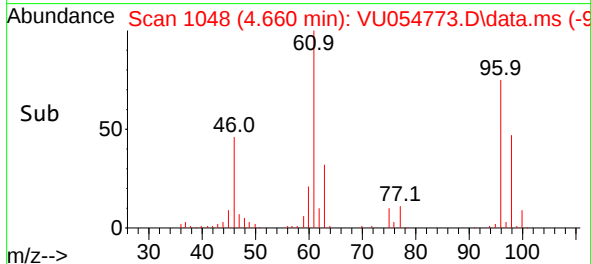
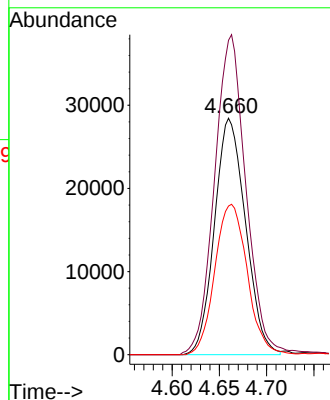
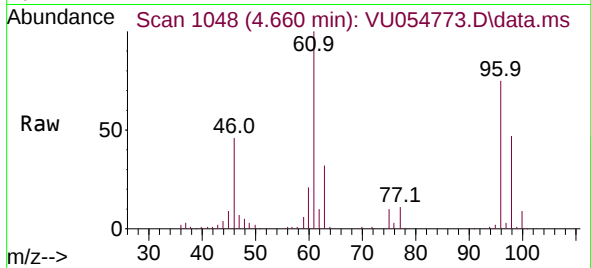




#22
 cis-1,2-Dichloroethene
 Concen: 4.769 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU054773.D
 Acq: 07 Jul 2023 09:58

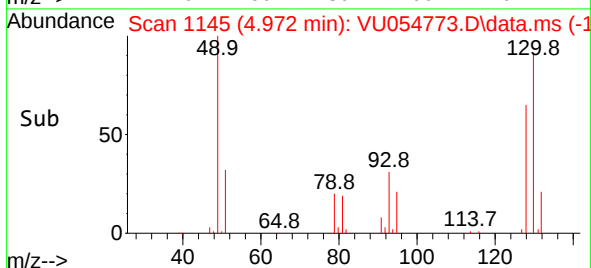
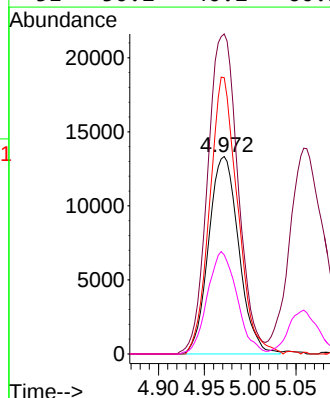
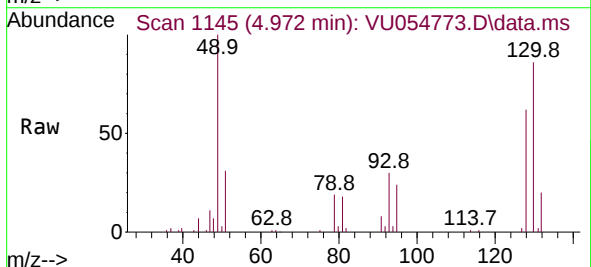
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005039

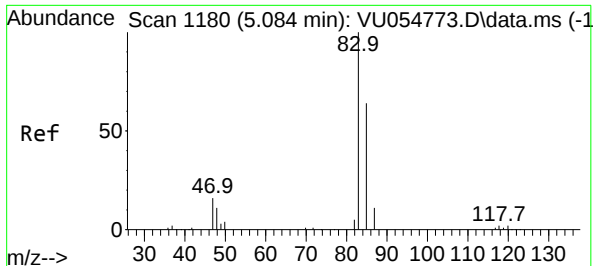
Tgt Ion:	96	Resp:	64975
Ion	Ratio	Lower	Upper
96	100		
61	132.9	93.0	172.8
98	62.9	44.0	81.8



#23
 Bromochloromethane
 Concen: 5.025 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VU054773.D
 Acq: 07 Jul 2023 09:58

Tgt Ion:	128	Resp:	30454
Ion	Ratio	Lower	Upper
128	100		
49	162.1	113.5	210.7
130	140.0	98.0	182.0
51	50.2	40.2	60.2

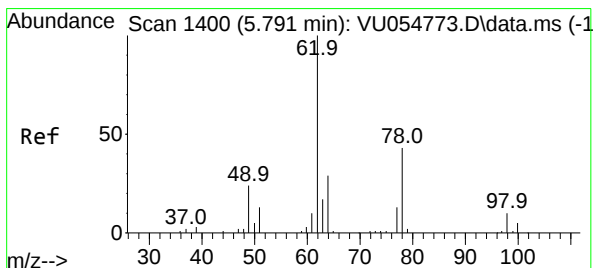
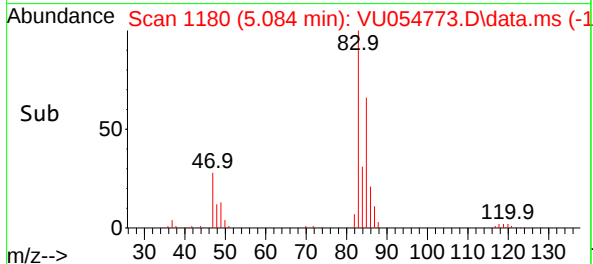
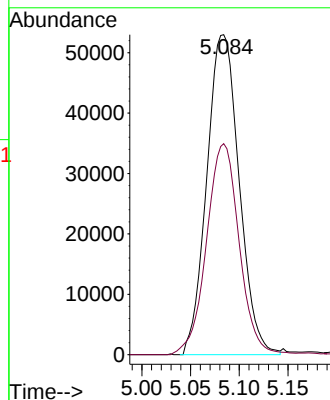
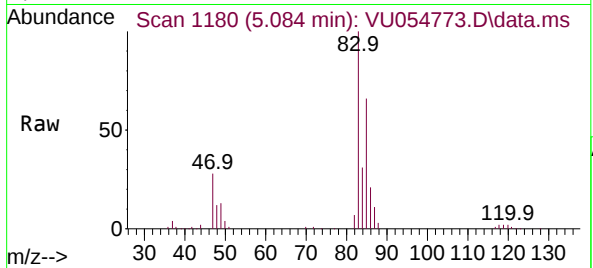




#25
Chloroform
Concen: 4.824 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

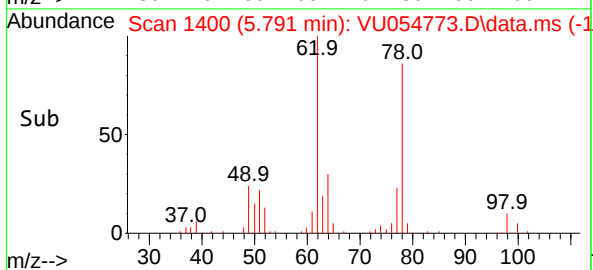
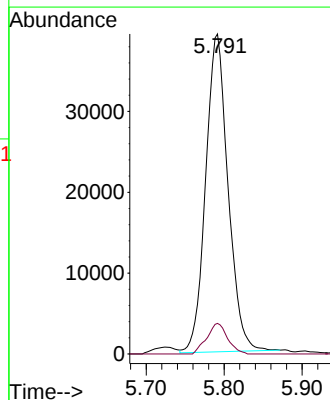
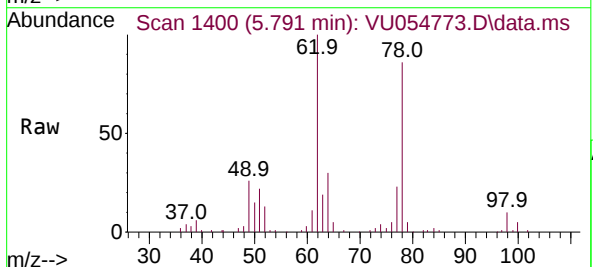
Instrument :
MSVOA_U
ClientSampleId :
VSTD005039

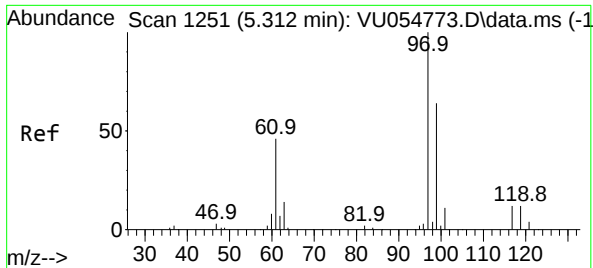
Tgt Ion: 83 Resp: 122665
Ion Ratio Lower Upper
83 100
85 66.0 46.2 85.8



#27
1,2-Dichloroethane
Concen: 4.780 ug/L
RT: 5.791 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

Tgt Ion: 62 Resp: 78510
Ion Ratio Lower Upper
62 100
98 9.6 7.7 11.5



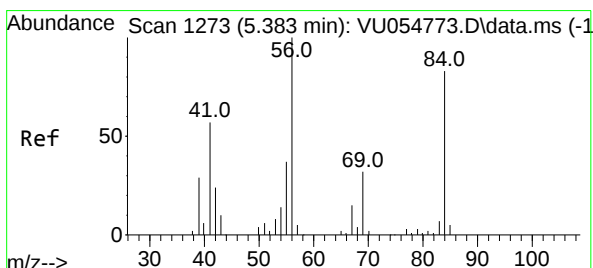
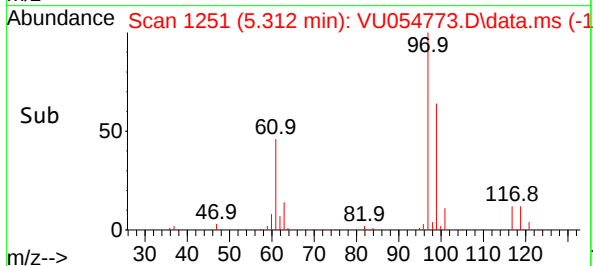
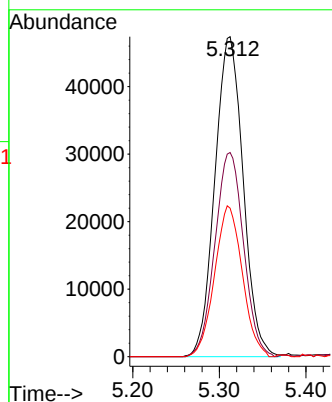
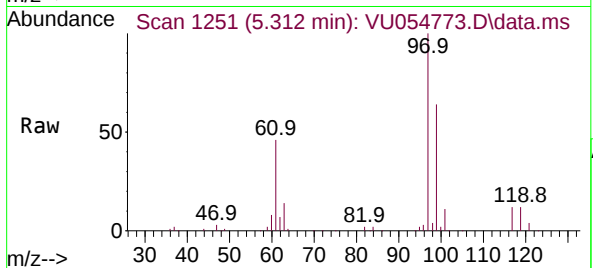


#29
1,1,1-Trichloroethane
Concen: 4.868 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD005039

Tgt Ion: 97 Resp: 107563

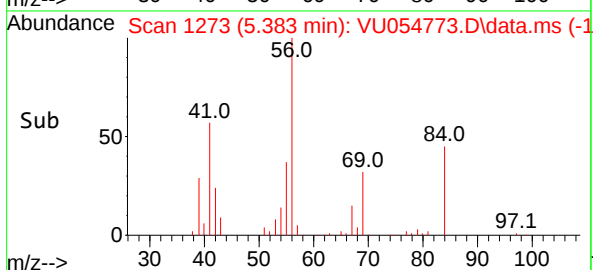
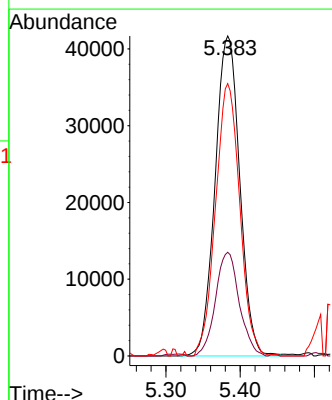
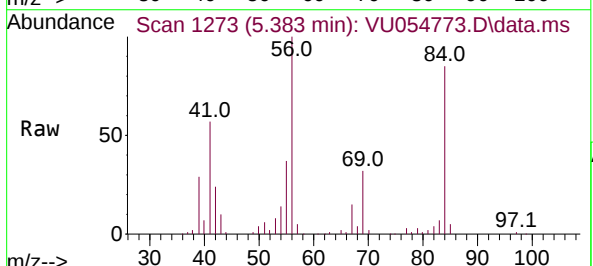
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	46.2	37.0	55.4

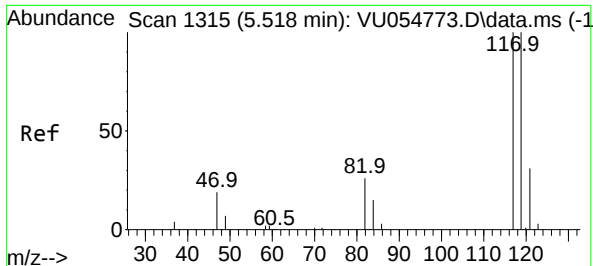


#30
Cyclohexane
Concen: 4.903 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

Tgt Ion: 56 Resp: 96370

Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.0	37.4
84	83.4	66.7	100.1

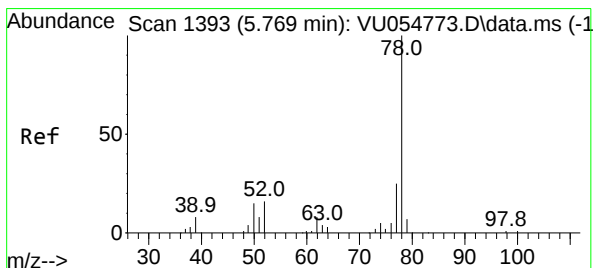
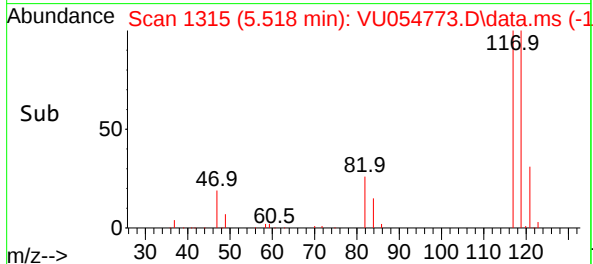
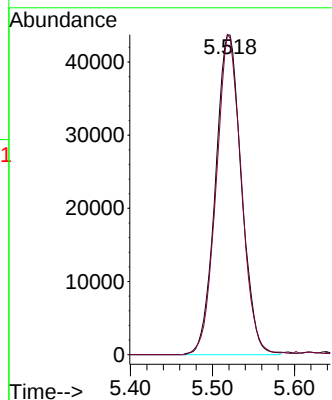
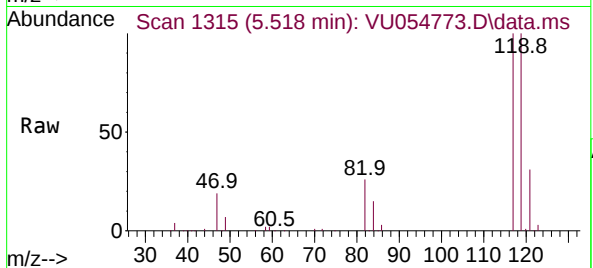




#31
Carbon tetrachloride
Concen: 4.858 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

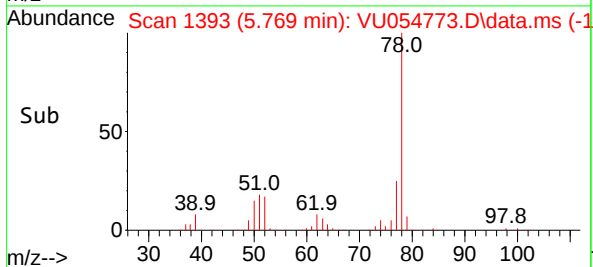
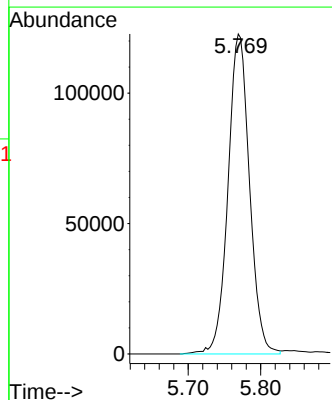
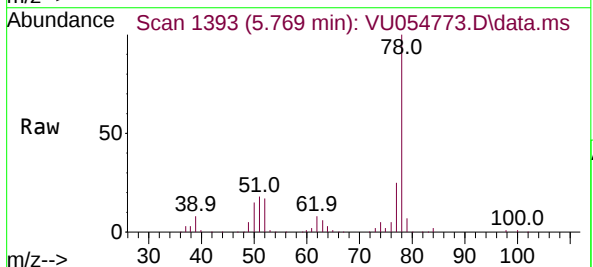
Instrument :
MSVOA_U
ClientSampleId :
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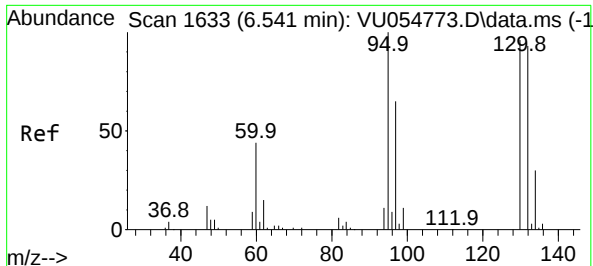
Tgt Ion:117 Resp: 96333
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3



#33
Benzene
Concen: 4.901 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

Tgt Ion: 78 Resp: 252671

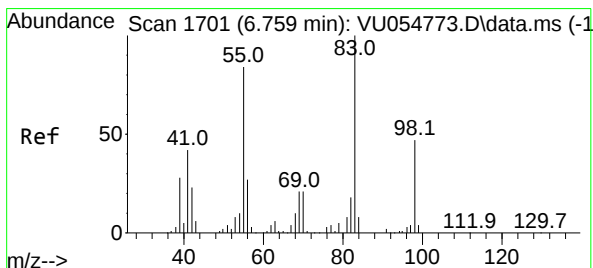
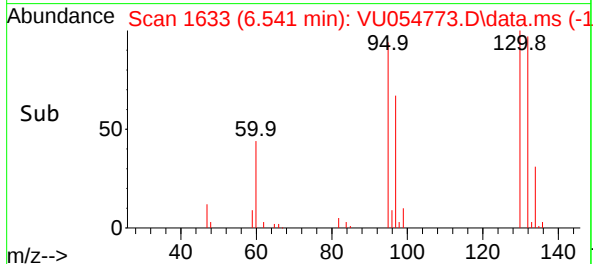
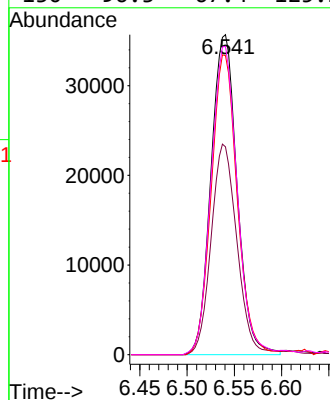
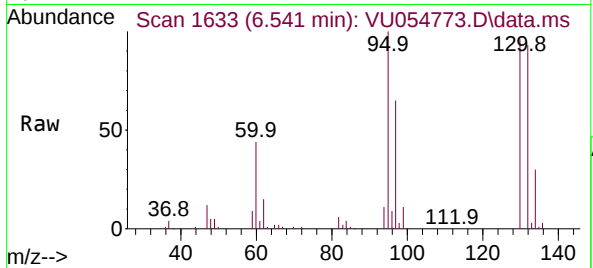




#34
Trichloroethene
Concen: 4.744 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

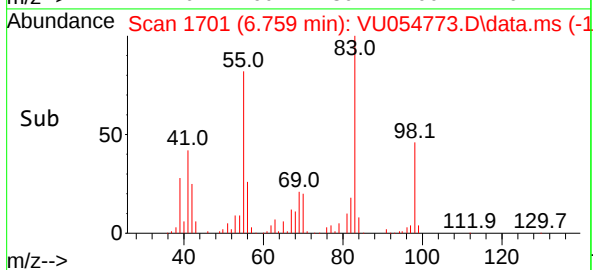
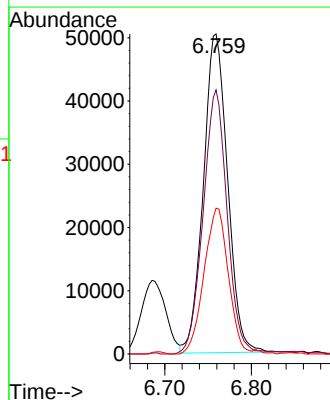
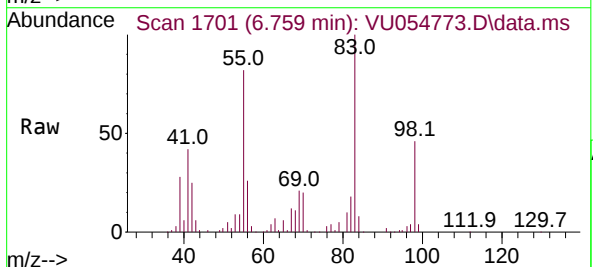
Instrument :
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ClientSampleId :
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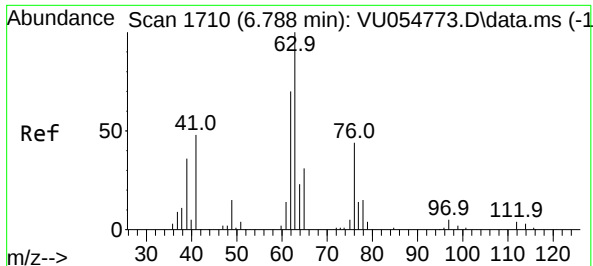
Tgt Ion: 95 Resp: 68455
Ion Ratio Lower Upper
95 100
97 65.0 45.5 84.5
132 93.4 65.4 121.4
130 96.3 67.4 125.2



#35
Methylcyclohexane
Concen: 4.865 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

Tgt Ion: 83 Resp: 98164
Ion Ratio Lower Upper
83 100
55 82.2 65.8 98.6
98 45.7 36.6 54.8

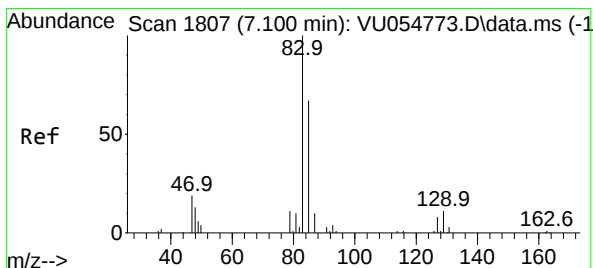
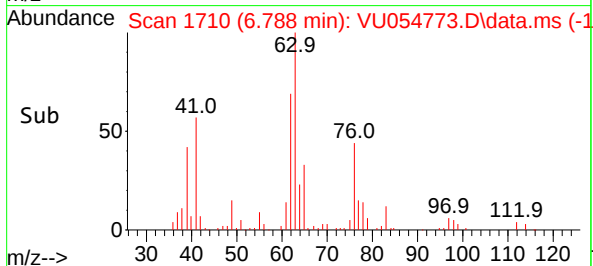
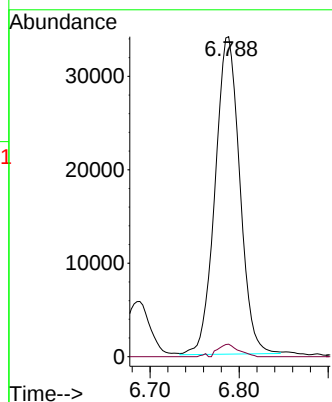
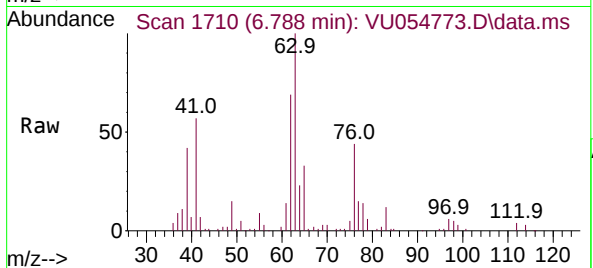




#37
1,2-Dichloropropane
Concen: 4.835 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

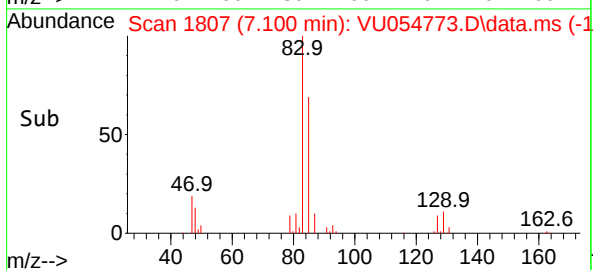
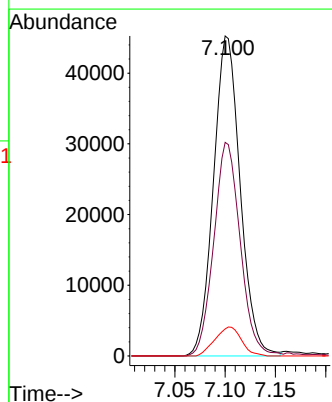
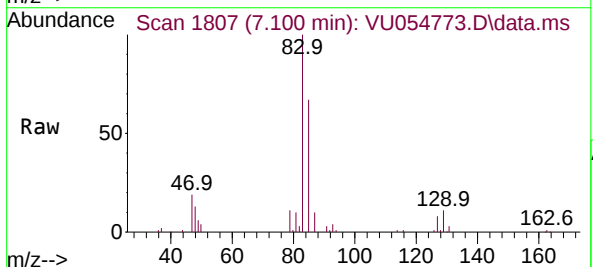
Instrument :
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ClientSampleId :
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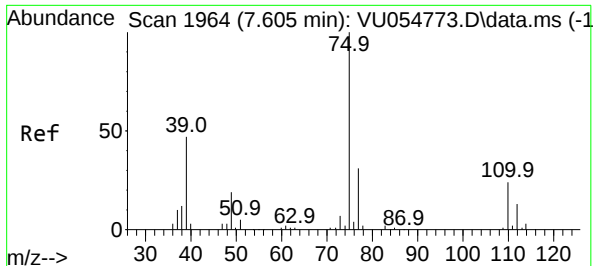
Tgt Ion: 63 Resp: 65419
Ion Ratio Lower Upper
63 100
112 3.3 2.6 4.0



#38
Bromodichloromethane
Concen: 4.812 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

Tgt Ion: 83 Resp: 83633
Ion Ratio Lower Upper
83 100
85 66.7 46.7 86.7
127 8.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.890 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU054773.D

Acq: 07 Jul 2023 09:58

Instrument :

MSVOA_U

ClientSampleId :

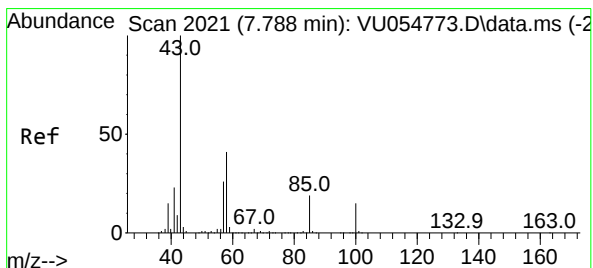
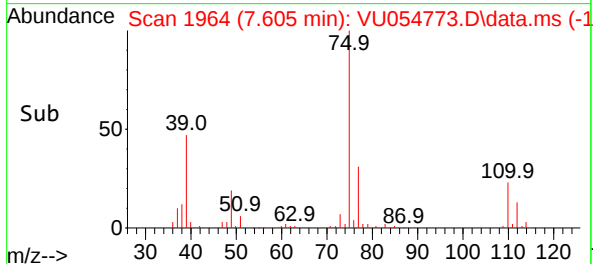
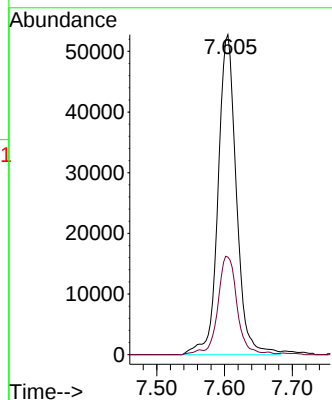
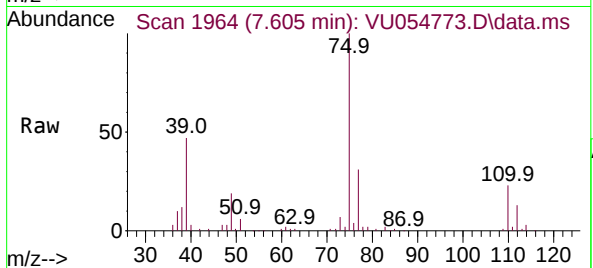
VSTD005039

Tgt Ion: 75 Resp: 98967

Ion Ratio Lower Upper

75 100

77 30.5 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 49.963 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU054773.D

Acq: 07 Jul 2023 09:58

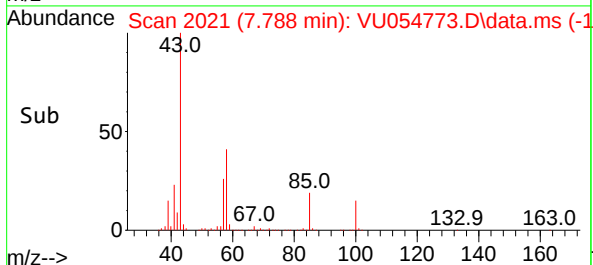
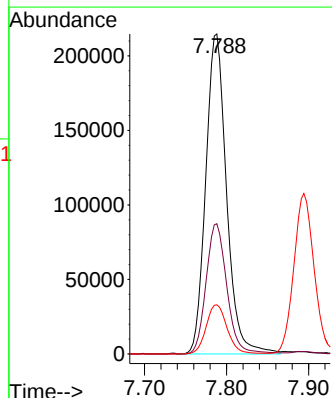
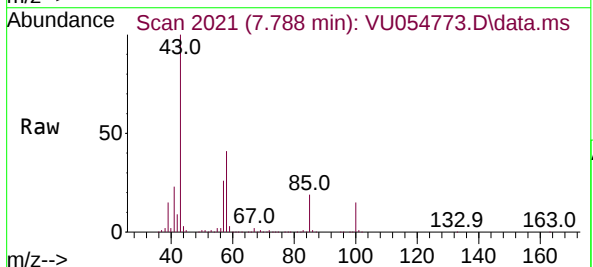
Tgt Ion: 43 Resp: 378842

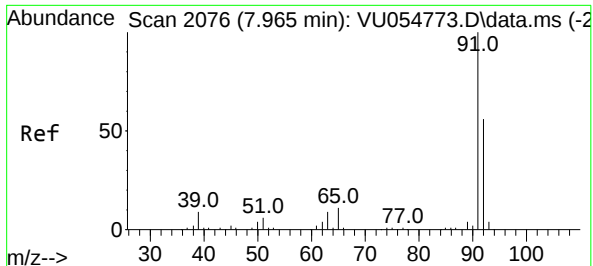
Ion Ratio Lower Upper

43 100

58 40.7 32.6 48.8

100 15.6 12.5 18.7





#42

Toluene

Concen: 5.042 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU054773.D

Acq: 07 Jul 2023 09:58

Instrument :

MSVOA_U

ClientSampleId :

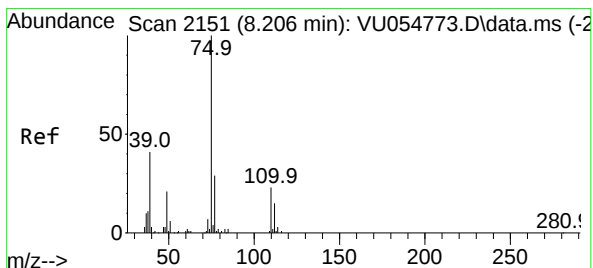
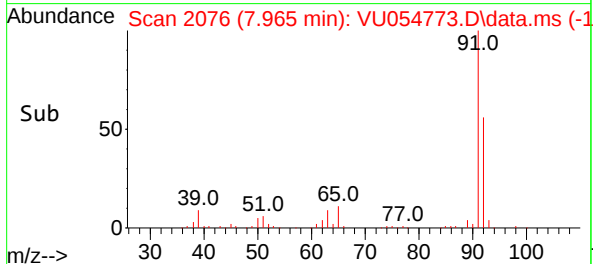
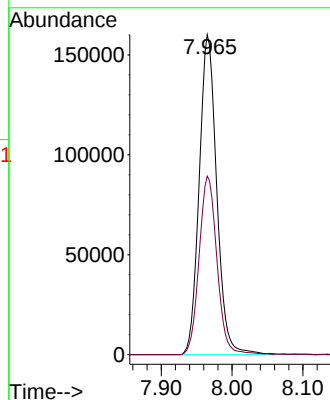
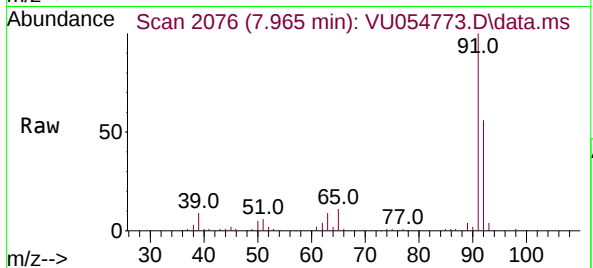
VSTD005039

Tgt Ion: 91 Resp: 275476

Ion Ratio Lower Upper

91 100

92 55.8 39.1 72.5



#44

trans-1,3-Dichloropropene

Concen: 5.006 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU054773.D

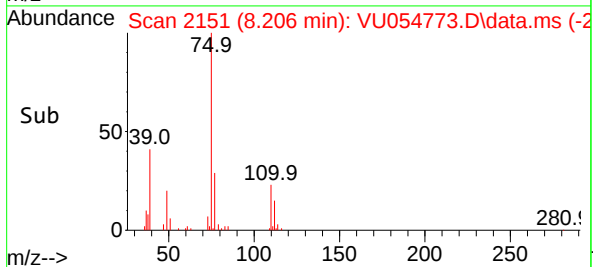
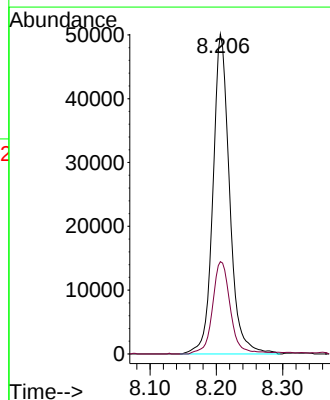
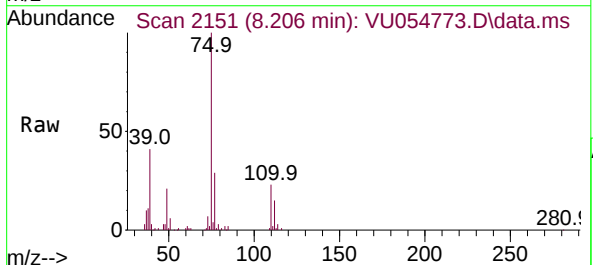
Acq: 07 Jul 2023 09:58

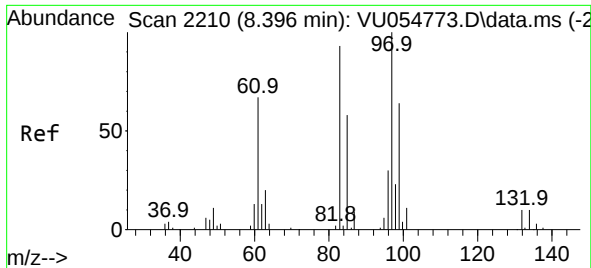
Tgt Ion: 75 Resp: 87585

Ion Ratio Lower Upper

75 100

77 28.9 20.2 37.6



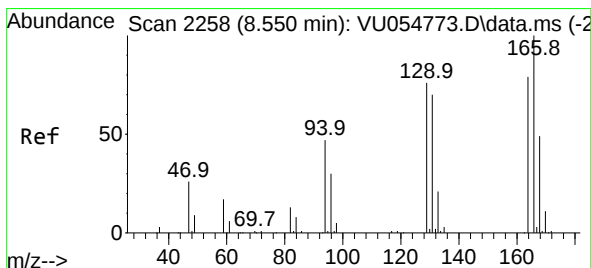
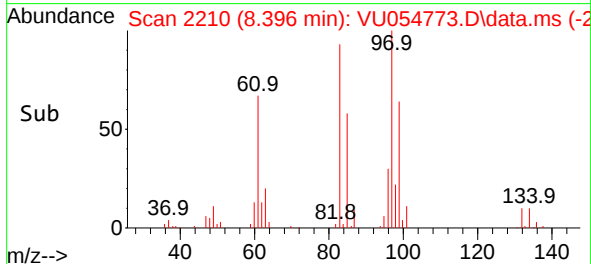
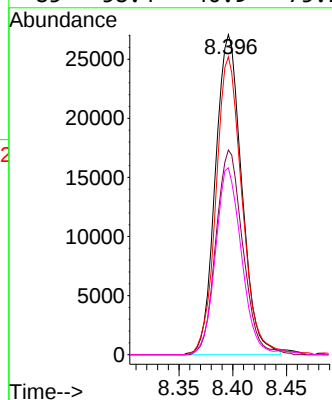
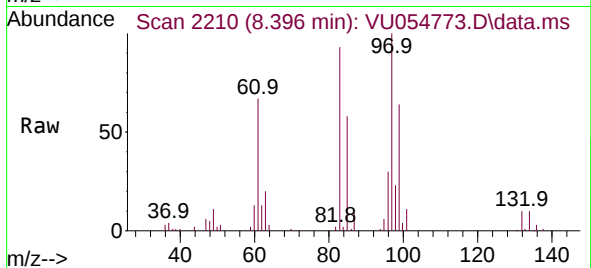


#45
1,1,2-Trichloroethane
Concen: 4.763 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD005039

Tgt Ion: 97 Resp: 46144

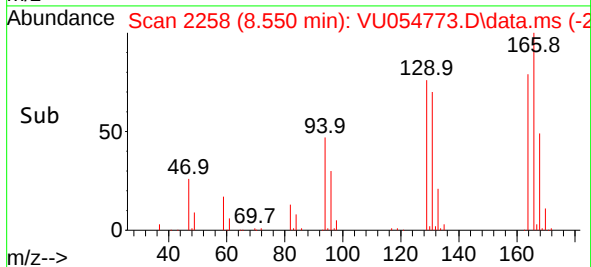
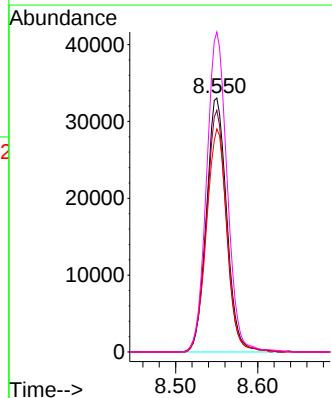
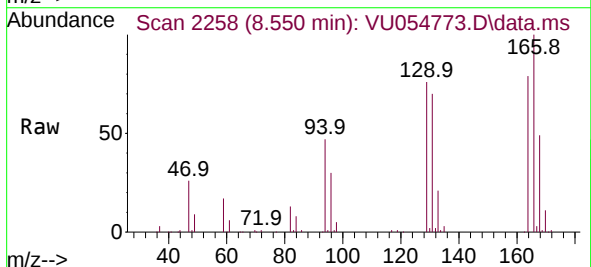
Ion	Ratio	Lower	Upper
97	100		
99	63.9	44.7	83.1
83	93.1	65.2	121.0
85	58.4	40.9	75.9

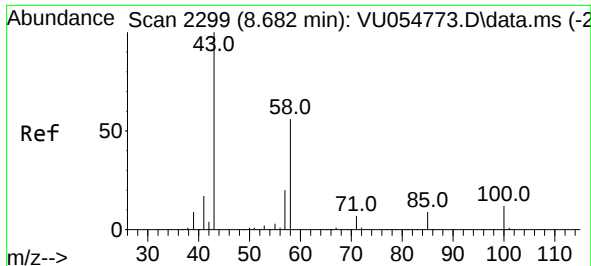


#47
Tetrachloroethene
Concen: 4.905 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

Tgt Ion: 164 Resp: 57329

Ion	Ratio	Lower	Upper
164	100		
129	95.2	66.6	123.8
131	87.9	61.5	114.3
166	126.1	88.3	163.9



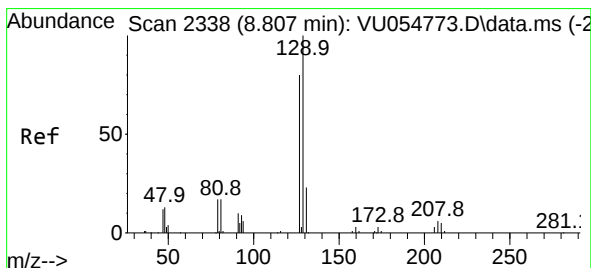
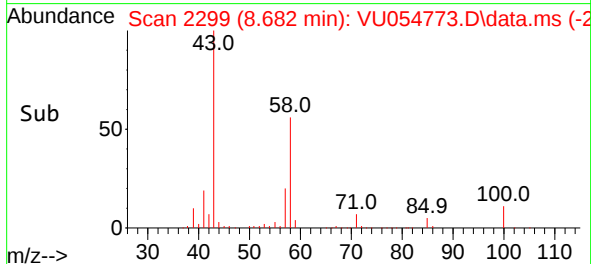
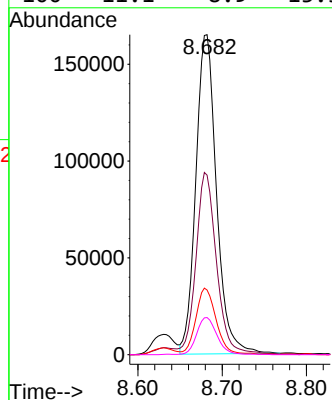
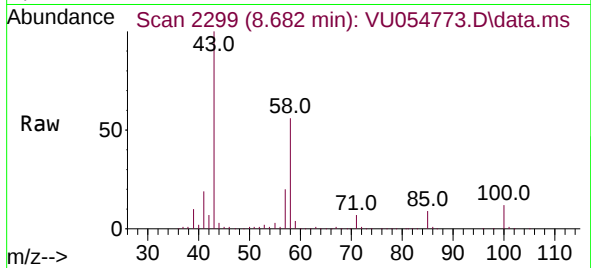


#48
2-Hexanone
Concen: 51.648 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD005039

Tgt Ion: 43 Resp: 282001

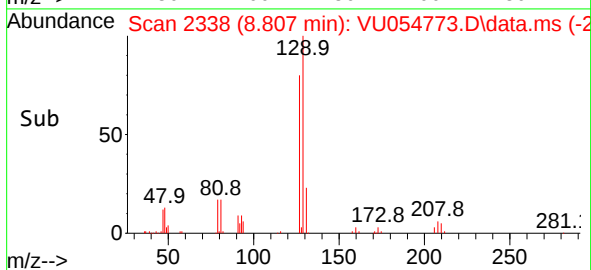
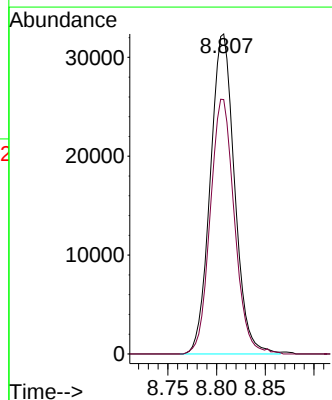
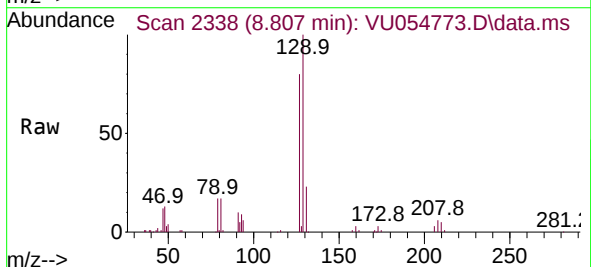
Ion	Ratio	Lower	Upper
43	100		
58	56.5	45.2	67.8
57	19.6	15.7	23.5
100	11.1	8.9	13.3

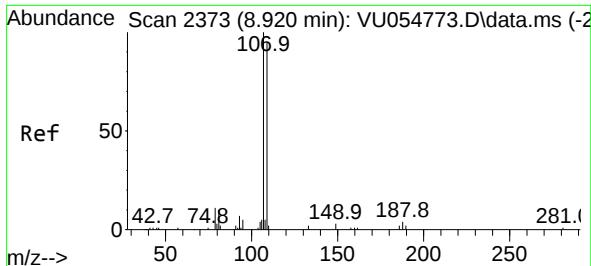


#49
Dibromochloromethane
Concen: 4.977 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

Tgt Ion: 129 Resp: 56124

Ion	Ratio	Lower	Upper
129	100		
127	79.5	55.6	103.4





#50

1,2-Dibromoethane

Concen: 4.903 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054773.D

Acq: 07 Jul 2023 09:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD005039

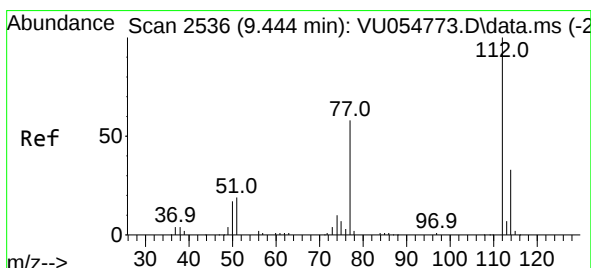
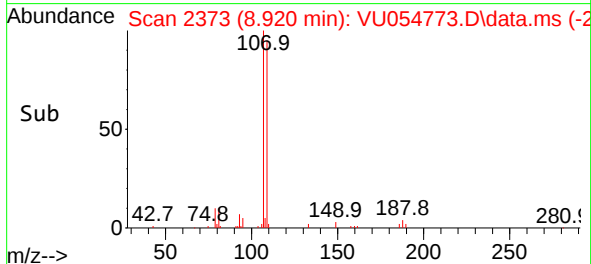
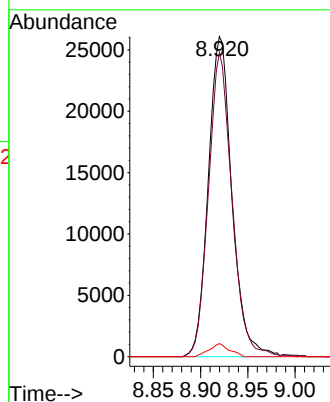
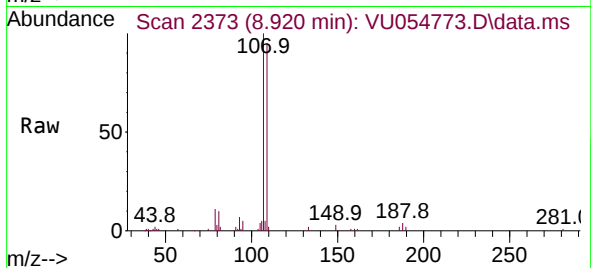
Tgt Ion:107 Resp: 45320

Ion Ratio Lower Upper

107 100

109 95.0 66.5 123.5

188 4.1 3.3 4.9



#51

Chlorobenzene

Concen: 4.870 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU054773.D

Acq: 07 Jul 2023 09:58

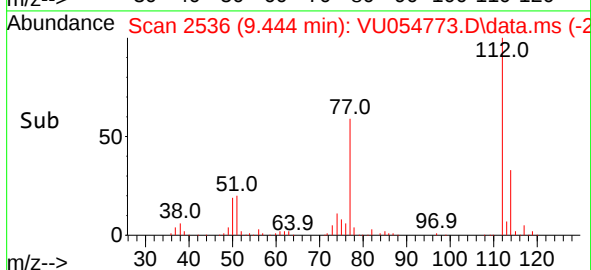
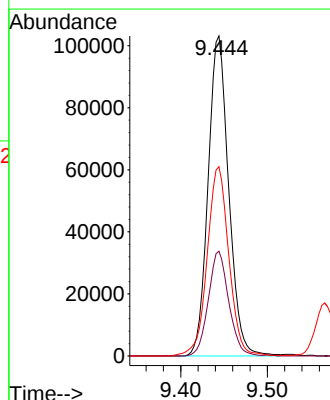
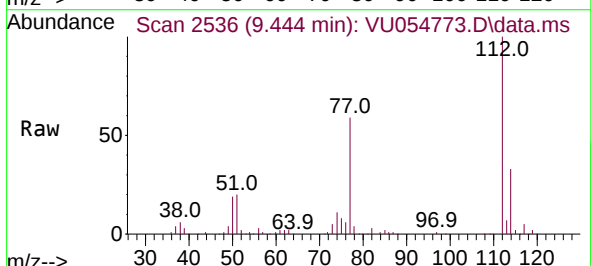
Tgt Ion:112 Resp: 170460

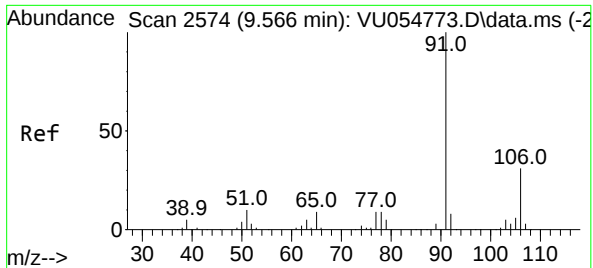
Ion Ratio Lower Upper

112 100

114 32.7 22.9 42.5

77 59.1 47.3 70.9

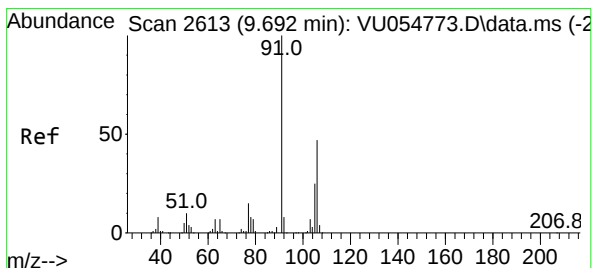
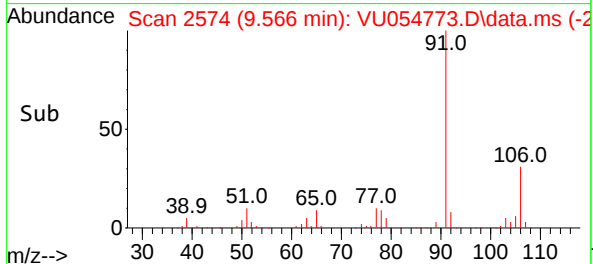
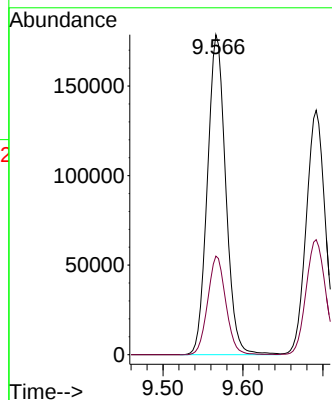
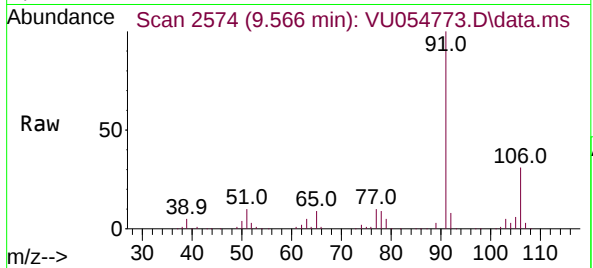




#52
Ethylbenzene
Concen: 4.871 ug/L
RT: 9.566 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

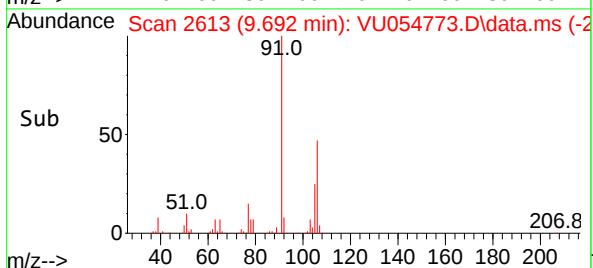
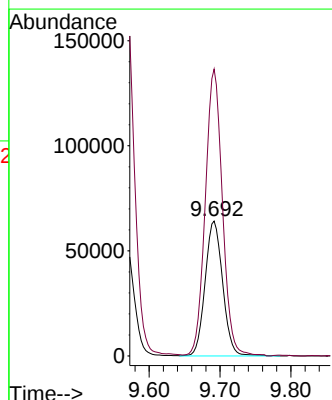
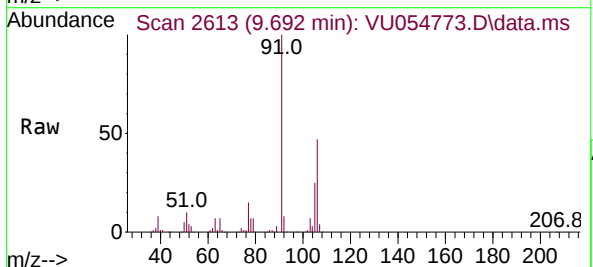
Instrument :
MSVOA_U
ClientSampleId :
VSTD005039

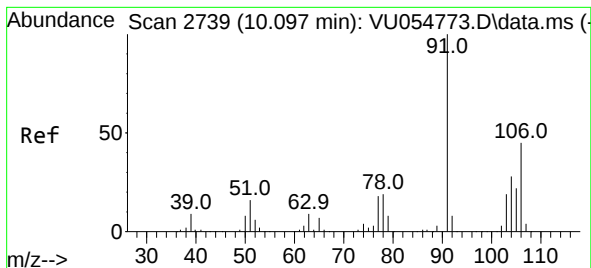
Tgt Ion: 91 Resp: 284893
Ion Ratio Lower Upper
91 100
106 30.8 21.6 40.0



#53
m,p-Xylene
Concen: 4.942 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

Tgt Ion: 106 Resp: 110418
Ion Ratio Lower Upper
106 100
91 212.6 148.8 276.4





#54

o-Xylene

Concen: 5.038 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054773.D

Acq: 07 Jul 2023 09:58

Instrument :

MSVOA_U

ClientSampleId :

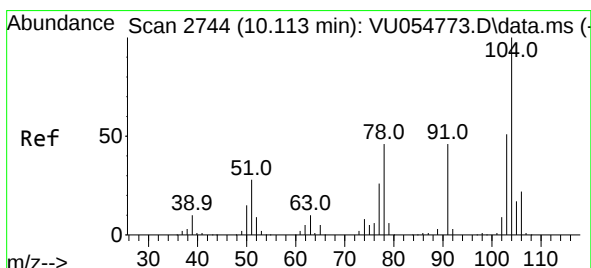
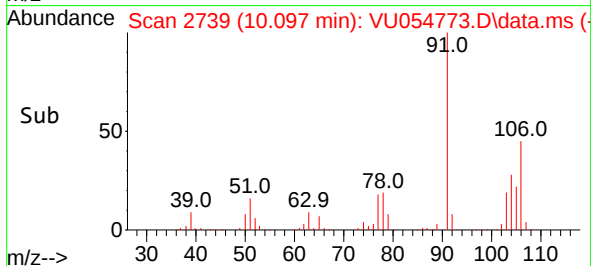
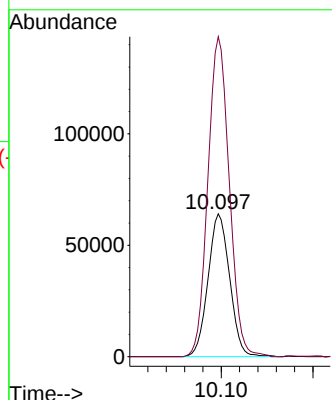
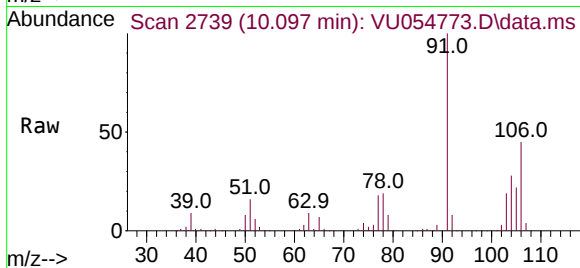
VSTD005039

Tgt Ion:106 Resp: 105131

Ion Ratio Lower Upper

106 100

91 224.0 156.8 291.2



#55

Styrene

Concen: 5.078 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.000 min

Lab File: VU054773.D

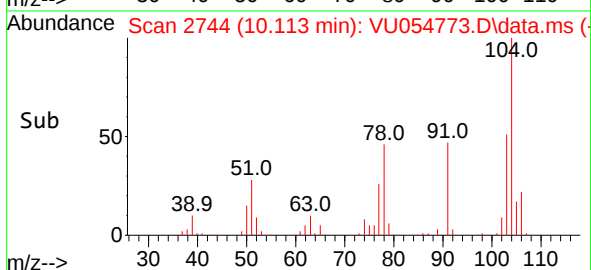
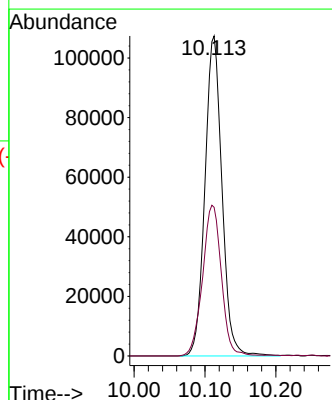
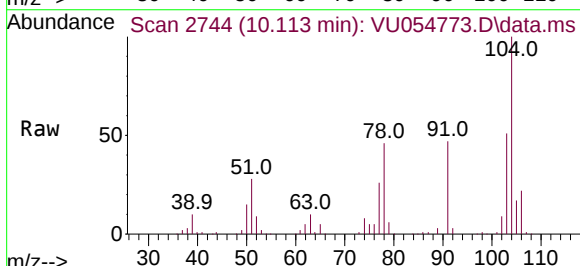
Acq: 07 Jul 2023 09:58

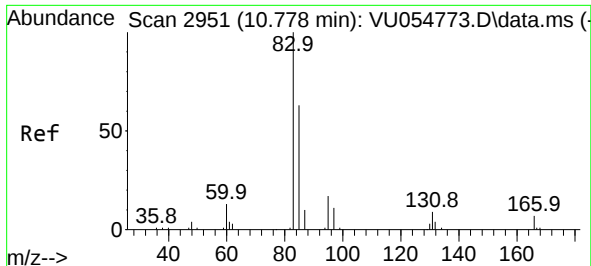
Tgt Ion:104 Resp: 179183

Ion Ratio Lower Upper

104 100

78 46.4 32.5 60.3

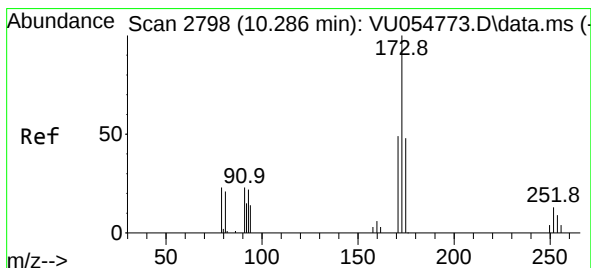
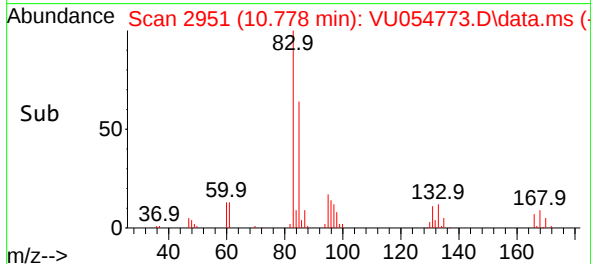
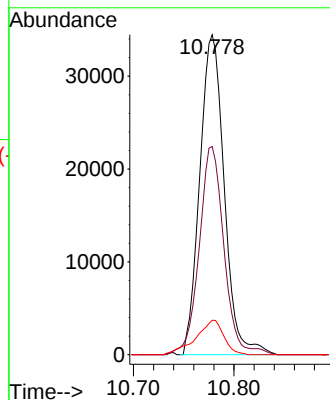
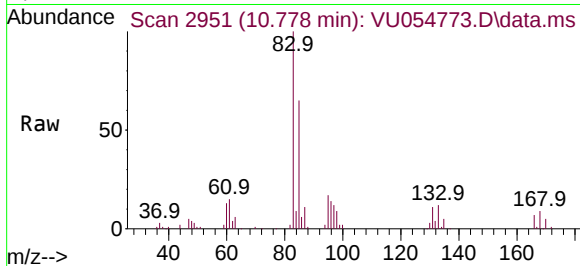




#57
1,1,2-Tetrachloroethane
Concen: 4.926 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

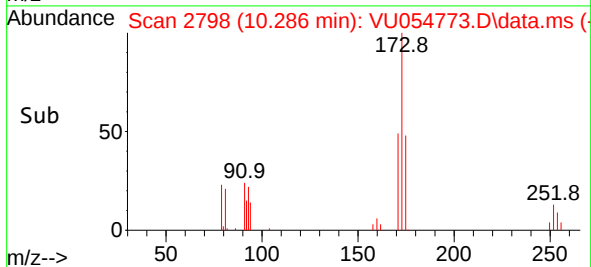
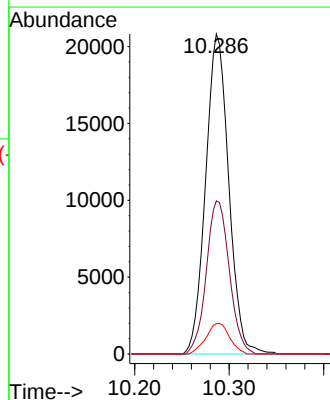
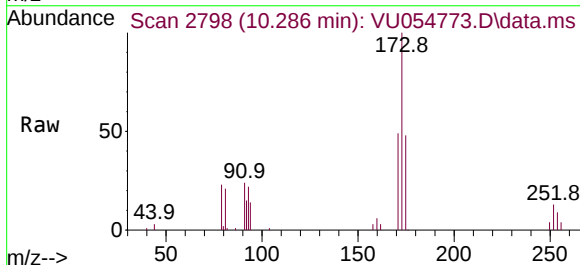
Instrument :
MSVOA_U
ClientSampleId :
VSTD005039

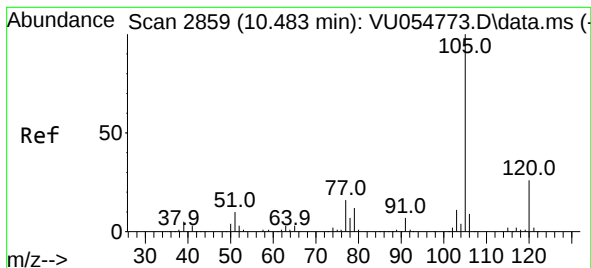
Tgt Ion: 83 Resp: 58182
Ion Ratio Lower Upper
83 100
85 65.0 45.5 84.5
131 10.8 8.6 13.0



#59
Bromoform
Concen: 4.940 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

Tgt Ion:173 Resp: 35314
Ion Ratio Lower Upper
173 100
175 47.6 38.1 57.1
254 9.7 7.8 11.6





#60

Isopropylbenzene

Concen: 4.977 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU054773.D

Acq: 07 Jul 2023 09:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD005039

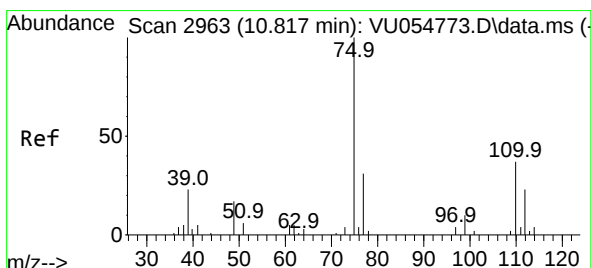
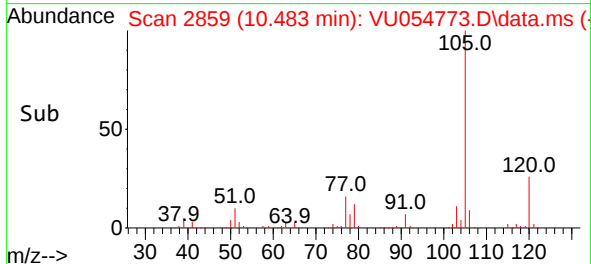
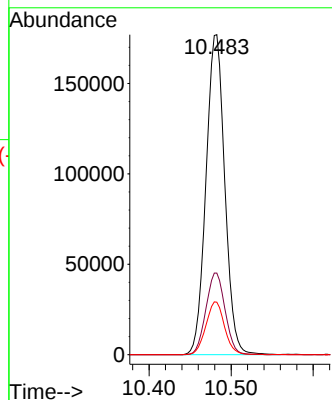
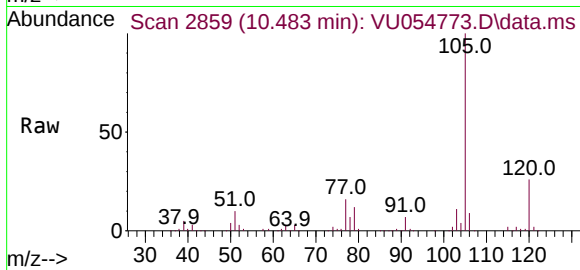
Tgt Ion:105 Resp: 282194

Ion Ratio Lower Upper

105 100

120 26.0 20.8 31.2

77 16.5 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 4.905 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU054773.D

Acq: 07 Jul 2023 09:58

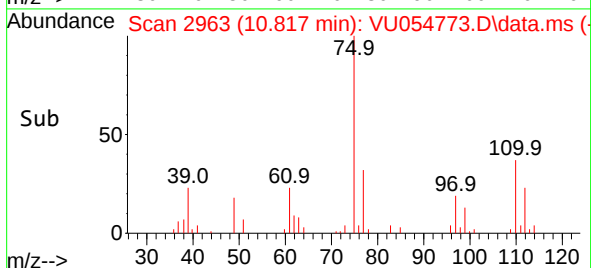
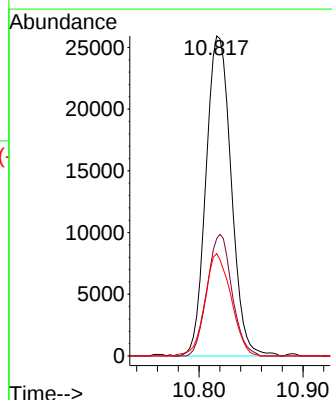
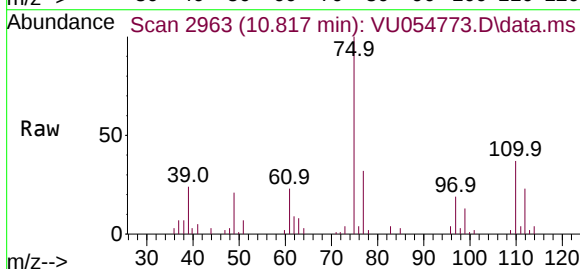
Tgt Ion: 75 Resp: 43679

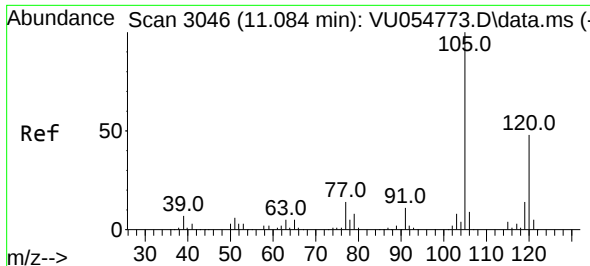
Ion Ratio Lower Upper

75 100

110 37.2 29.8 44.6

77 33.2 26.6 39.8

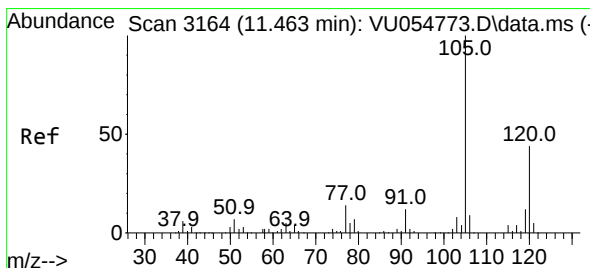
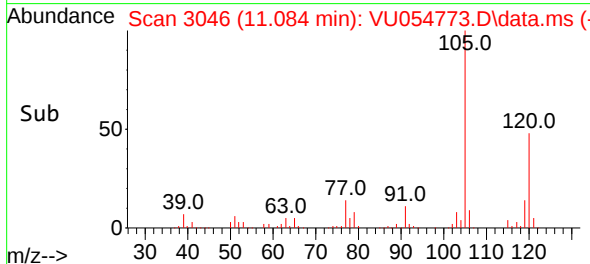
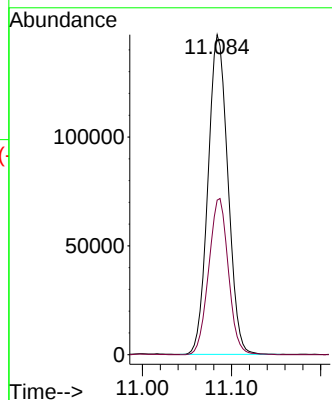
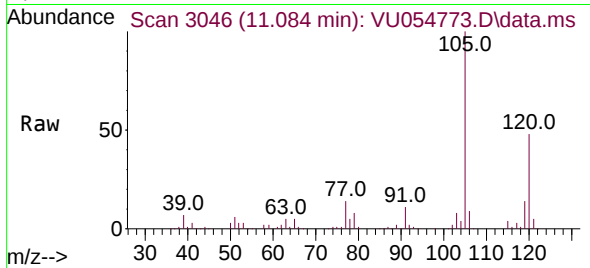




#62
1,3,5-Trimethylbenzene
Concen: 4.835 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

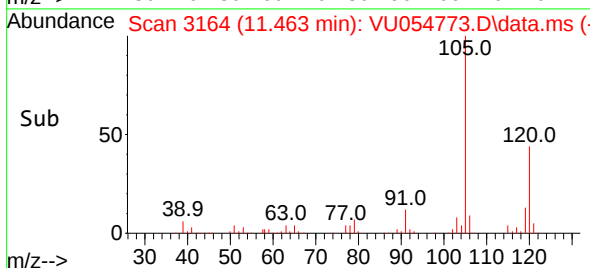
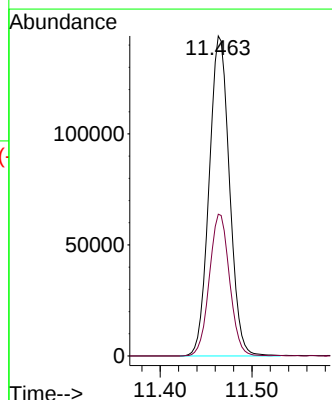
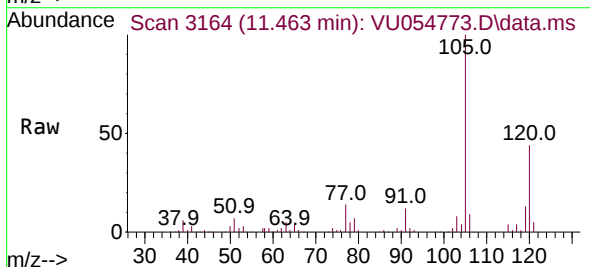
Instrument :
MSVOA_U
ClientSampleId :
VSTD005039

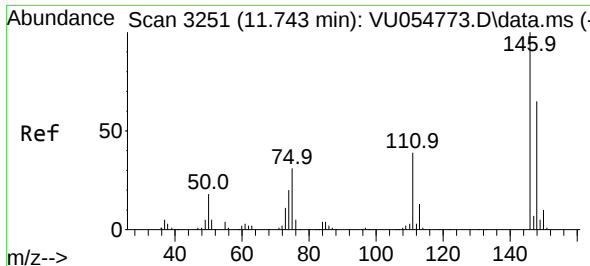
Tgt Ion:105 Resp: 227435
Ion Ratio Lower Upper
105 100
120 48.3 38.6 58.0



#63
1,2,4-Trimethylbenzene
Concen: 4.941 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

Tgt Ion:105 Resp: 222107
Ion Ratio Lower Upper
105 100
120 44.0 35.2 52.8

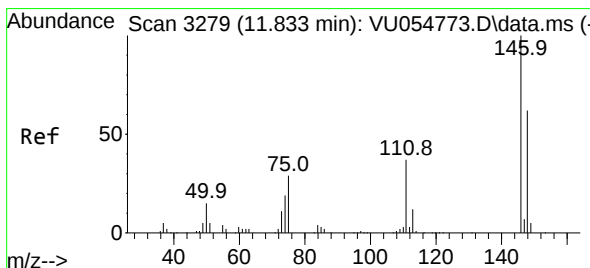
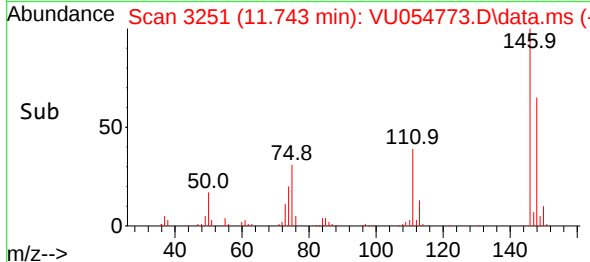
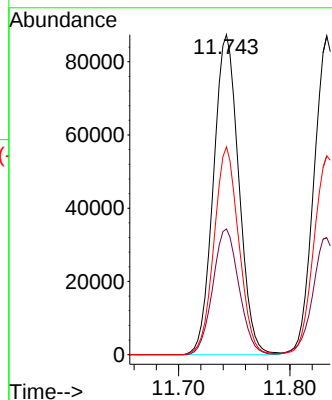
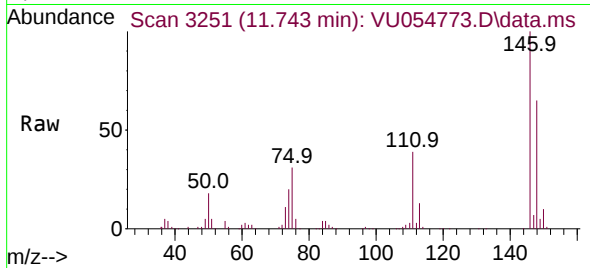




#64
1,3-Dichlorobenzene
Concen: 4.842 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

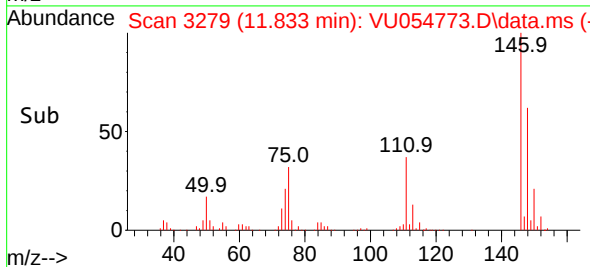
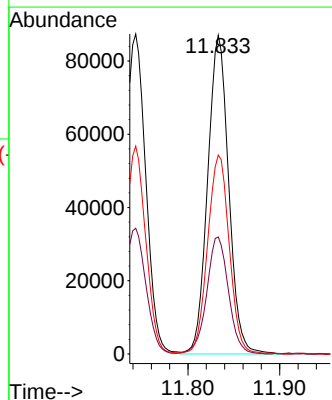
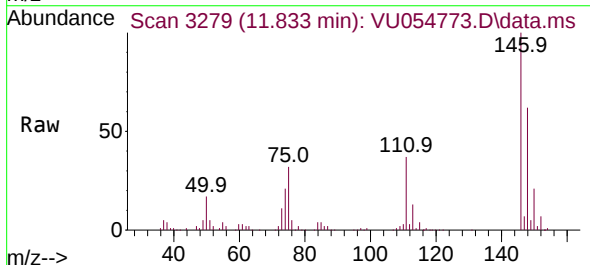
Instrument :
MSVOA_U
ClientSampleId :
VSTD005039

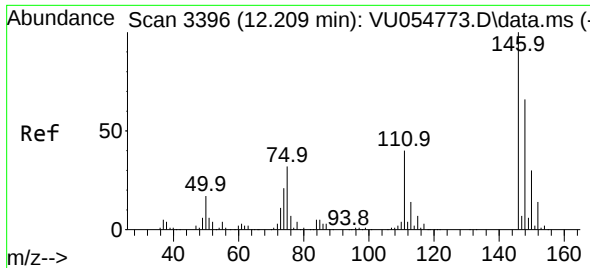
Tgt Ion:146 Resp: 138251
Ion Ratio Lower Upper
146 100
111 39.3 27.5 51.1
148 65.0 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 4.872 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

Tgt Ion:146 Resp: 138552
Ion Ratio Lower Upper
146 100
111 36.7 25.7 47.7
148 62.4 43.7 81.1

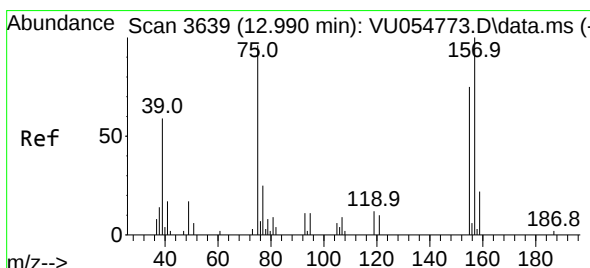
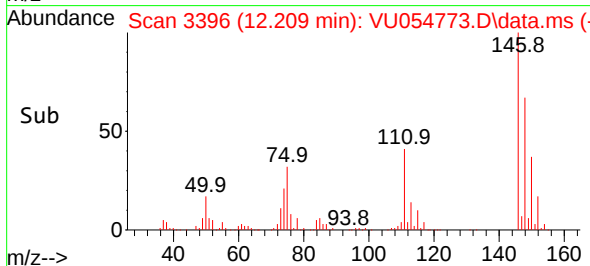
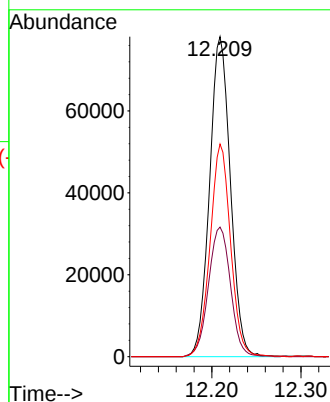
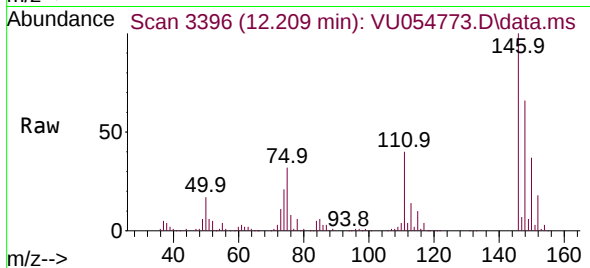




#67
1,2-Dichlorobenzene
Concen: 4.829 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

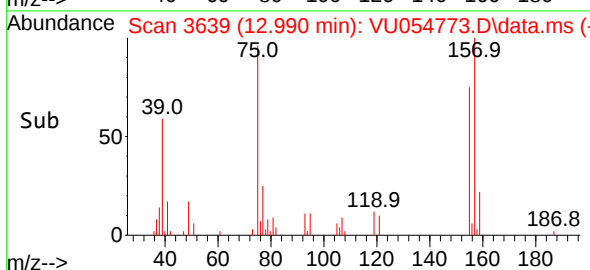
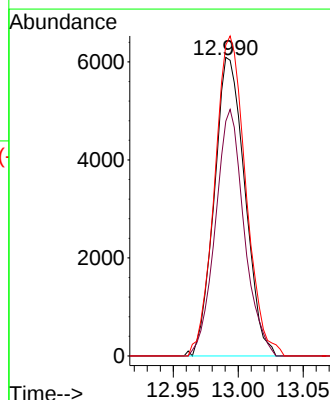
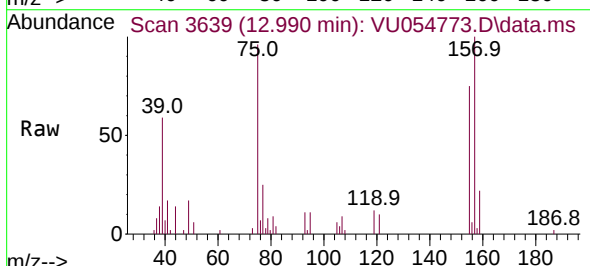
Instrument :
MSVOA_U
ClientSampleId :
VSTD005039

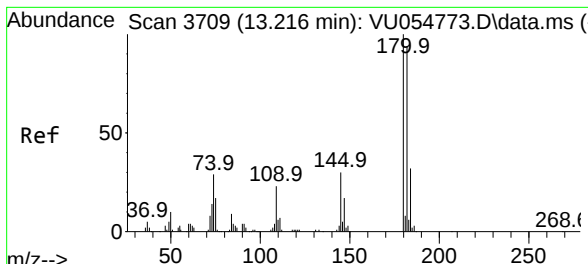
Tgt Ion:146 Resp: 126725
Ion Ratio Lower Upper
146 100
111 40.5 32.4 48.6
148 66.5 53.2 79.8



#68
1,2-Dibromo-3-chloropropane
Concen: 4.592 ug/L
RT: 12.990 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VU054773.D
Acq: 07 Jul 2023 09:58

Tgt Ion: 75 Resp: 9950
Ion Ratio Lower Upper
75 100
155 78.6 62.9 94.3
157 104.2 83.4 125.0

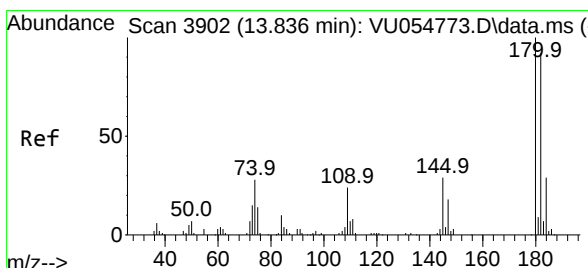
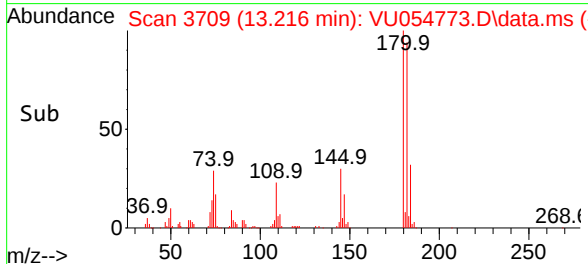
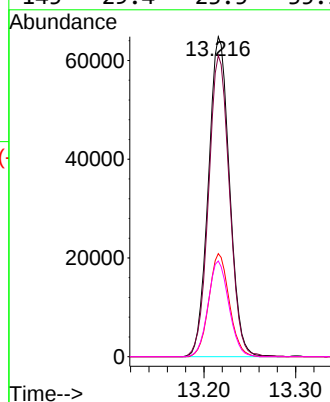
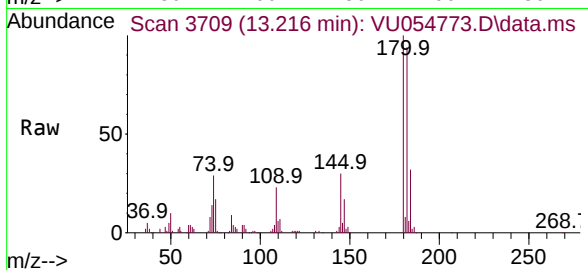




#69
 1,3,5-Trichlorobenzene
 Concen: 4.857 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU054773.D
 Acq: 07 Jul 2023 09:58

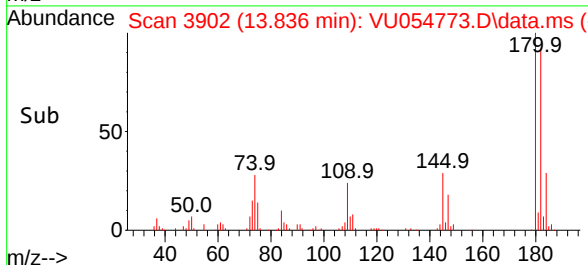
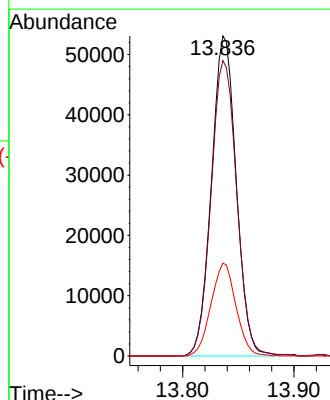
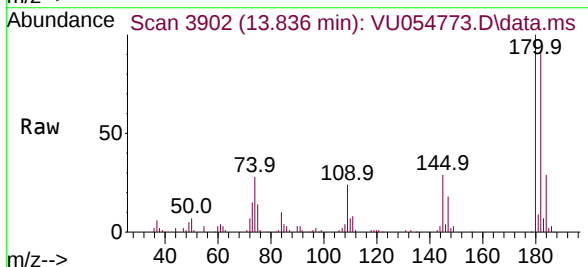
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005039

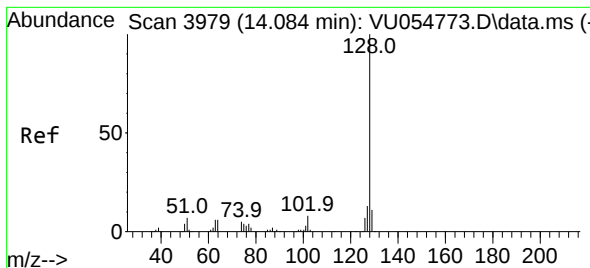
Tgt Ion:	180	Resp:	103658
Ion Ratio	Lower	Upper	
180	100		
182	93.2	74.6	111.8
184	31.1	24.9	37.3
145	29.4	23.5	35.3



#70
 1,2,4-trichlorobenzene
 Concen: 4.780 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU054773.D
 Acq: 07 Jul 2023 09:58

Tgt Ion:	180	Resp:	81970
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.5	114.7
145	29.3	23.4	35.2





#71

Naphthalene

Concen: 4.668 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU054773.D

Acq: 07 Jul 2023 09:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD005039

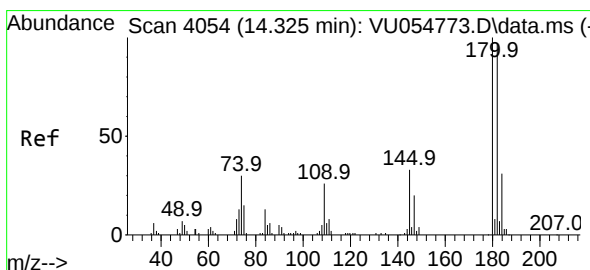
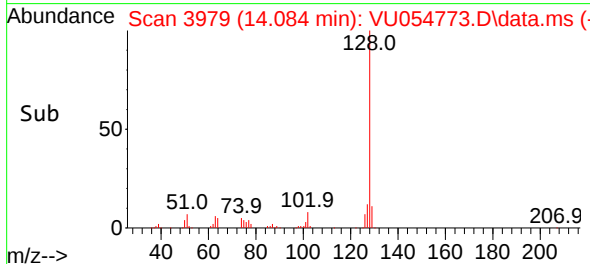
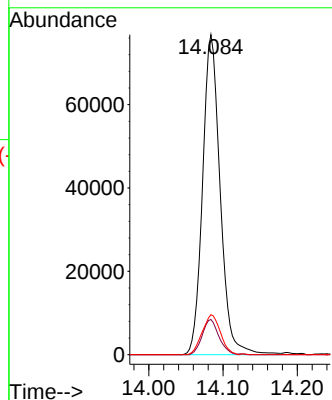
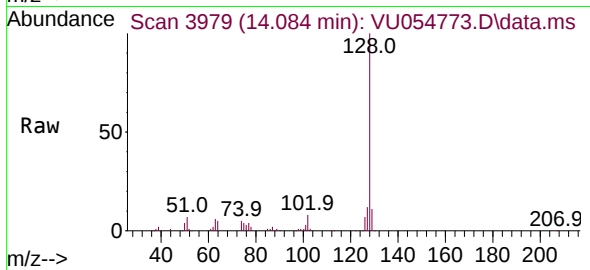
Tgt Ion:128 Resp: 126399

Ion Ratio Lower Upper

128 100

129 10.4 8.3 12.5

127 12.9 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 4.798 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU054773.D

Acq: 07 Jul 2023 09:58

Tgt Ion:180 Resp: 73558

Ion Ratio Lower Upper

180 100

182 96.1 76.9 115.3

145 31.7 25.4 38.0

