

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070723\
 Data File : VU054774.D
 Acq On : 07 Jul 2023 10:23
 Operator : MD/SY
 Sample : VSTD01040
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010040

Quant Time: Jul 08 07:41:53 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	225437	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	217667	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	119844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	189536	11.140	ug/L	0.00
7) Chloroethane-d5	1.904	69	158241	11.117	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	77796	11.196	ug/L	0.00
20) 2-Butanone-d5	4.621	46	444020	114.854	ug/L	0.00
24) Chloroform-d	5.058	84	335616	11.073	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	178472	11.263	ug/L	0.00
32) Benzene-d6	5.721	84	656844	11.368	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	203175	11.088	ug/L	0.00
41) Toluene-d8	7.894	98	621670	11.544	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	84371	11.441	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	339217	120.068	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	164503	11.141	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	230361	11.032	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	182704	10.434	ug/L	100
3) Chloromethane	1.518	50	199929	10.223	ug/L	100
5) Vinyl chloride	1.602	62	197699	10.401	ug/L	98
6) Bromomethane	1.849	94	116183	10.058	ug/L	98
8) Chloroethane	1.923	64	112945	10.387	ug/L	98
9) Trichlorofluoromethane	2.129	101	264174	10.665	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	130669	10.560	ug/L	99
12) 1,1-Dichloroethene	2.573	96	122343	10.607	ug/L	92
13) Acetone	2.631	43	203378	100.739	ug/L	100
14) Carbon disulfide	2.788	76	411771	10.603	ug/L	97
15) Methyl Acetate	2.949	43	51987	10.412	ug/L	100
16) Methylene chloride	3.039	84	141603	8.295	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	293771	10.796	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	124610	10.492	ug/L	100
19) 1,1-Dichloroethane	3.862	63	243652	10.583	ug/L	96
21) 2-Butanone	4.701	43	328533	107.986	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	141210	10.920	ug/L	97
23) Bromochloromethane	4.968	128	61000	10.605	ug/L	97
25) Chloroform	5.084	83	251983	10.441	ug/L	99
27) 1,2-Dichloroethane	5.788	62	161058	10.332	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	223877	10.660	ug/L	98
30) Cyclohexane	5.383	56	205762	11.013	ug/L	98
31) Carbon tetrachloride	5.518	117	199417	10.579	ug/L	99
33) Benzene	5.769	78	535841	10.935	ug/L	100
34) Trichloroethene	6.537	95	141235	10.296	ug/L	98
35) Methylcyclohexane	6.759	83	216245	11.275	ug/L	98
37) 1,2-Dichloropropane	6.788	63	136577	10.621	ug/L	98
38) Bromodichloromethane	7.100	83	177425	10.740	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	211715	11.006	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	800608	111.083	ug/L	99
42) Toluene	7.965	91	575690	11.085	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	185145	11.132	ug/L	94

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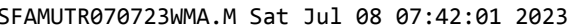
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010040

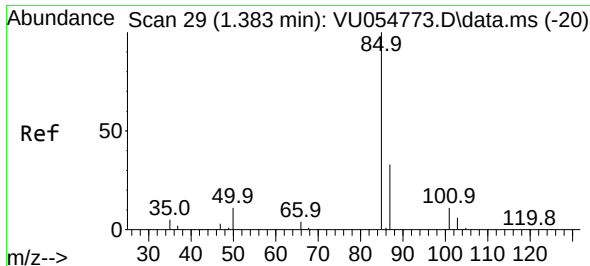
Quant Time: Jul 08 07:41:53 2023
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 08 07:39:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	101291	11.000	ug/L	97
47) Tetrachloroethene	8.550	164	113252	10.195	ug/L	99
48) 2-Hexanone	8.679	43	582100	112.161	ug/L	98
49) Dibromochloromethane	8.807	129	113815	10.619	ug/L	96
50) 1,2-Dibromoethane	8.920	107	94498	10.755	ug/L	97
51) Chlorobenzene	9.444	112	357633	10.750	ug/L	98
52) Ethylbenzene	9.566	91	623382	11.212	ug/L	98
53) m,p-Xylene	9.692	106	239667	11.285	ug/L	96
54) o-Xylene	10.097	106	232766	11.734	ug/L	96
55) Styrene	10.110	104	400087	11.929	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.778	83	121699	10.840	ug/L	100
59) Bromoform	10.286	173	72174	10.295	ug/L #	99
60) Isopropylbenzene	10.479	105	625159	11.242	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	88611	10.146	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	522580	11.328	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	509660	11.561	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	294124	10.503	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	290666	10.421	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	275353	10.699	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	21296	10.021	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	226265	10.810	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	186707	11.102	ug/L	100
71) Naphthalene	14.081	128	307099	11.564	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	172881	11.497	ug/L	99

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

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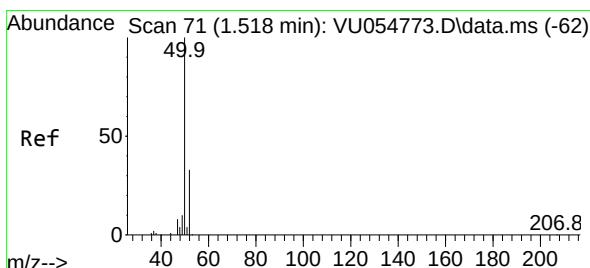
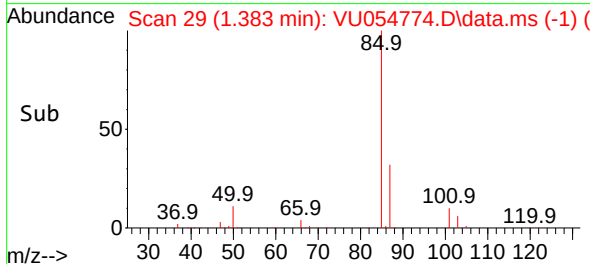
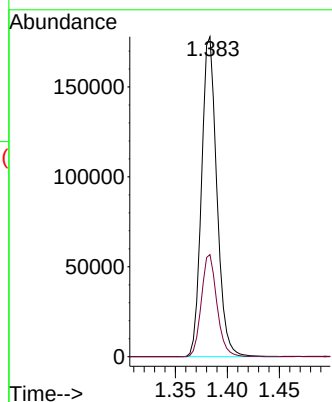
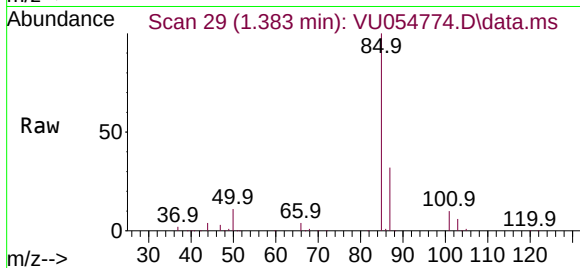




#2
Dichlorodifluoromethane
Concen: 10.434 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

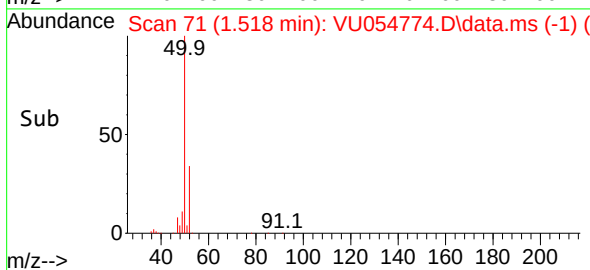
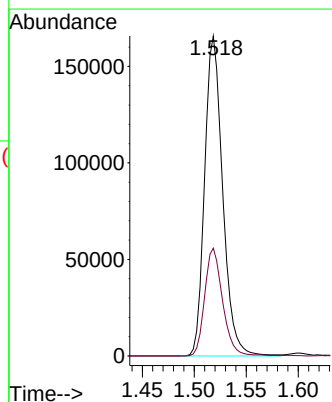
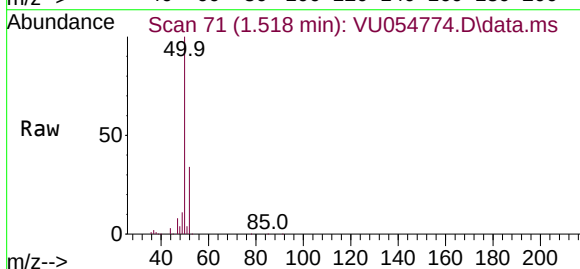
Instrument :
MSVOA_U
ClientSampleId :
VSTD010040

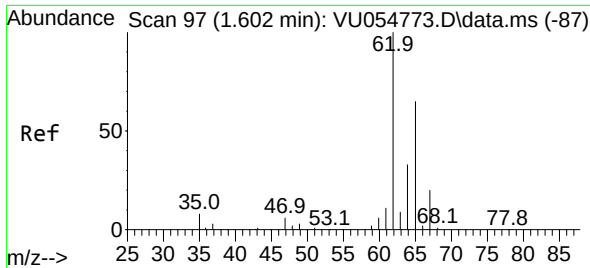
Tgt Ion: 85 Resp: 182704
Ion Ratio Lower Upper
85 100
87 32.5 26.2 39.2



#3
Chloromethane
Concen: 10.223 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

Tgt Ion: 50 Resp: 199929
Ion Ratio Lower Upper
50 100
52 33.7 23.4 43.6

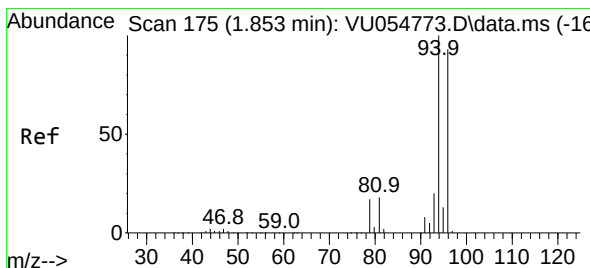
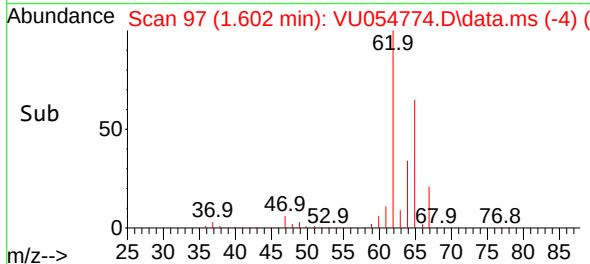
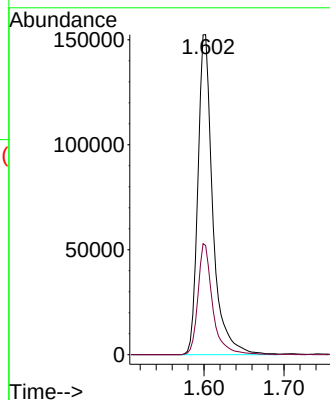
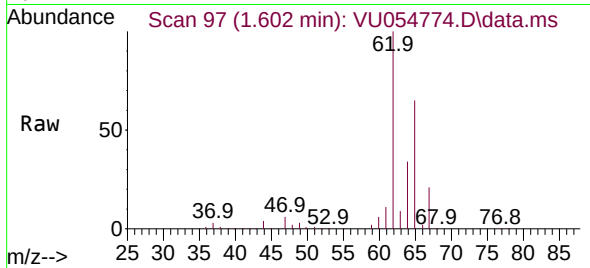




#5
 Vinyl chloride
 Concen: 10.401 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU054774.D
 Acq: 07 Jul 2023 10:23

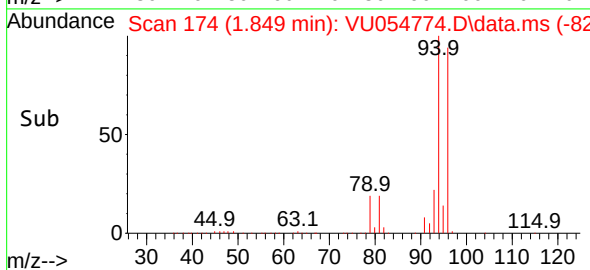
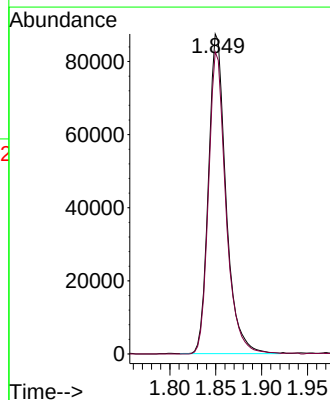
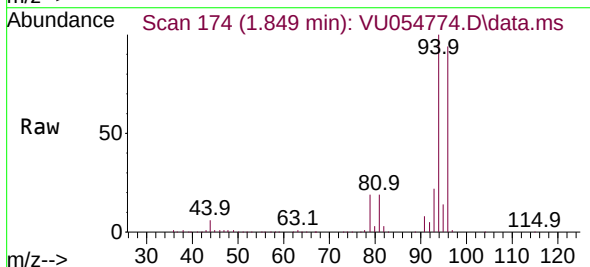
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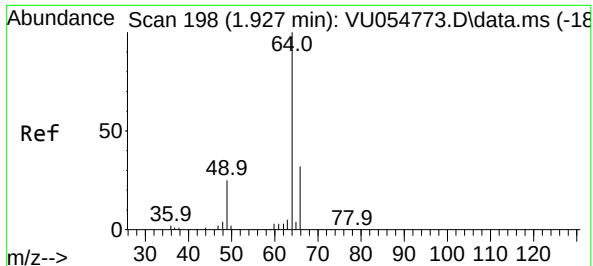
Tgt Ion: 62 Resp: 197699
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.2 43.0



#6
 Bromomethane
 Concen: 10.058 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. -0.003 min
 Lab File: VU054774.D
 Acq: 07 Jul 2023 10:23

Tgt Ion: 94 Resp: 116183
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.0 120.6

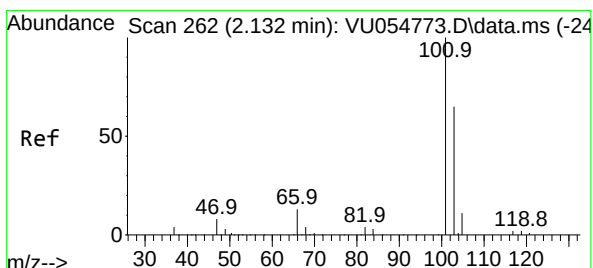
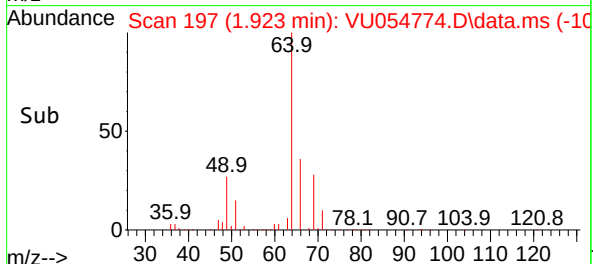
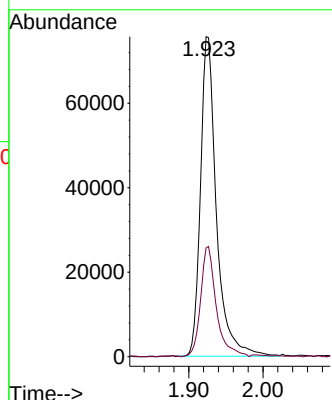
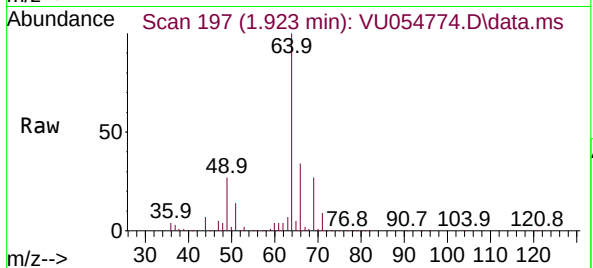




#8
Chloroethane
Concen: 10.387 ug/L
RT: 1.923 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

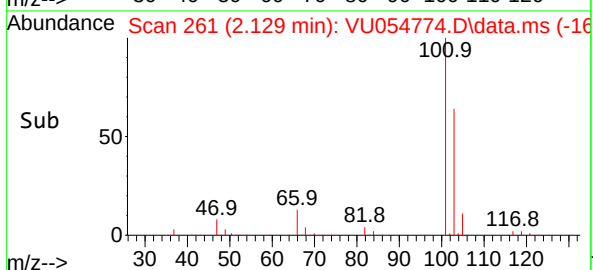
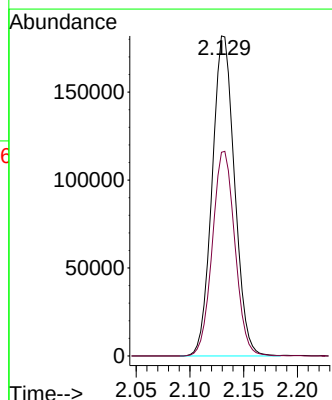
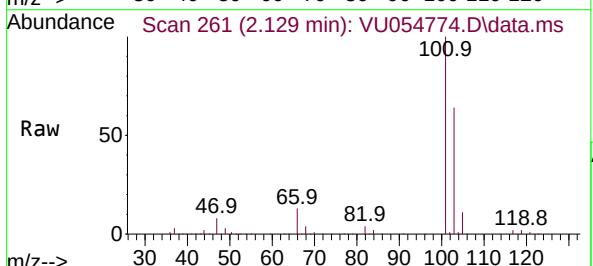
Instrument :
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ClientSampleId :
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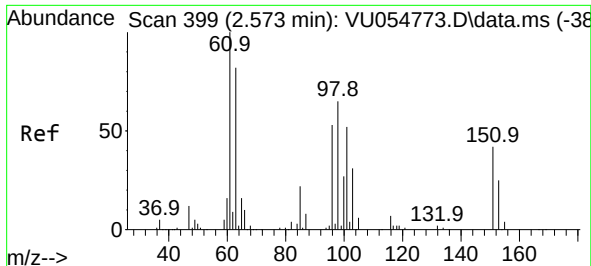
Tgt Ion: 64 Resp: 112945
Ion Ratio Lower Upper
64 100
66 34.0 23.0 42.8



#9
Trichlorofluoromethane
Concen: 10.665 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

Tgt Ion:101 Resp: 264174
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.8

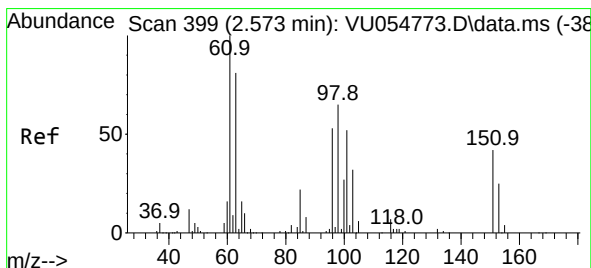
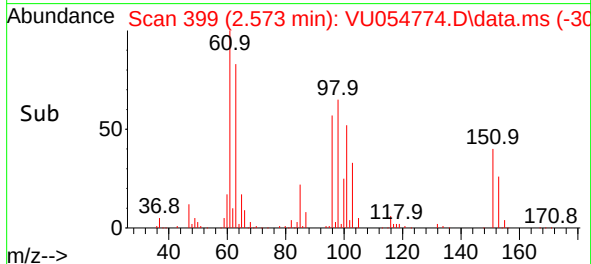
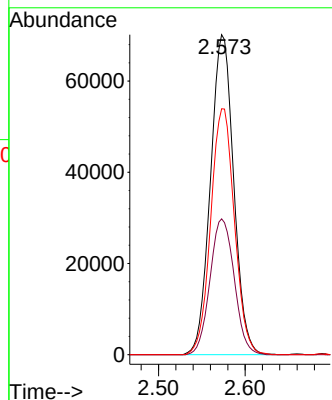
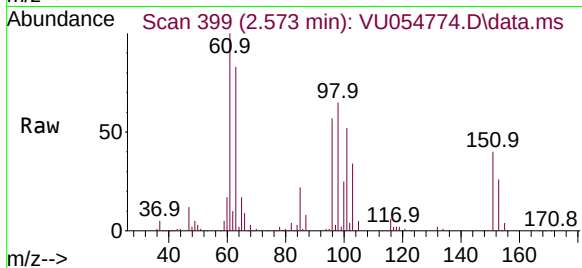




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.560 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU054774.D
 Acq: 07 Jul 2023 10:23

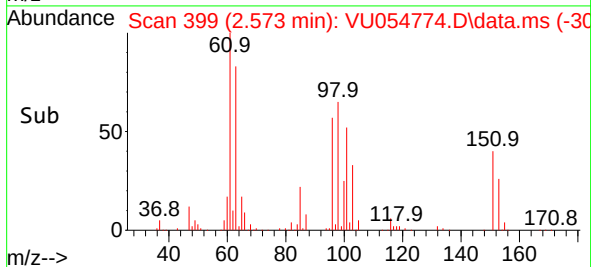
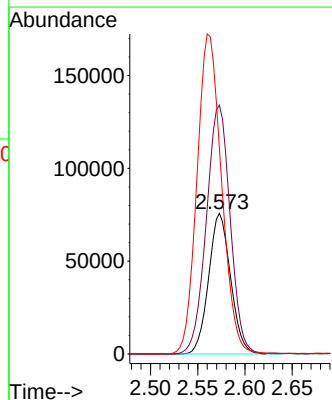
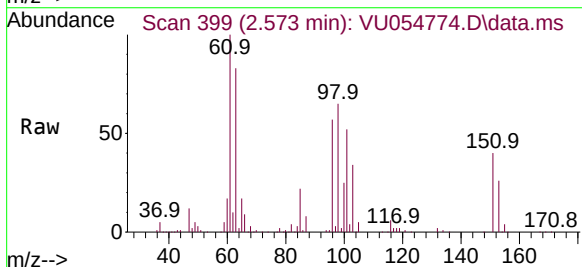
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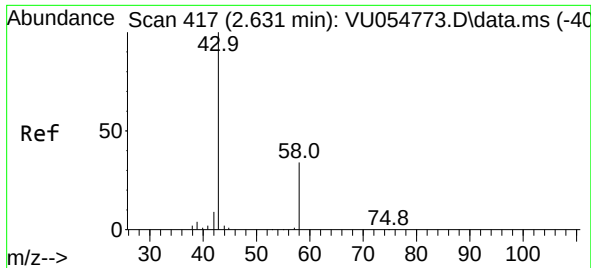
Tgt Ion:101 Resp: 130669
 Ion Ratio Lower Upper
 101 100
 85 44.2 34.5 51.7
 151 78.5 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 10.607 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU054774.D
 Acq: 07 Jul 2023 10:23

Tgt Ion: 96 Resp: 122343
 Ion Ratio Lower Upper
 96 100
 61 177.0 131.8 244.8
 63 146.5 109.8 204.0





#13

Acetone

Concen: 100.739 ug/L

RT: 2.631 min Scan# 417

Delta R.T. 0.000 min

Lab File: VU054774.D

Acq: 07 Jul 2023 10:23

Instrument :

MSVOA_U

ClientSampleId :

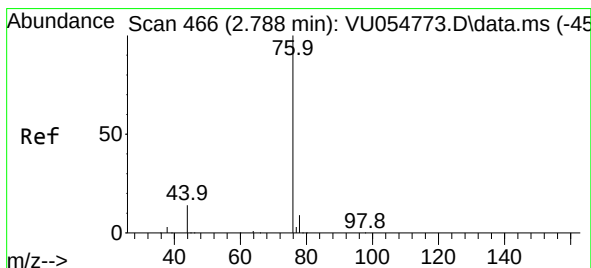
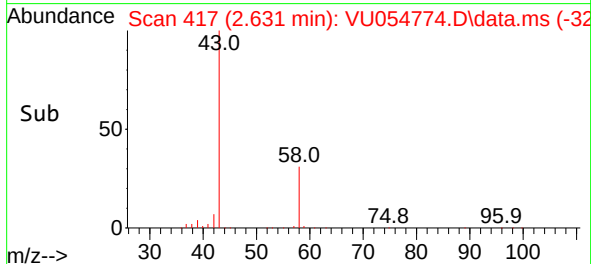
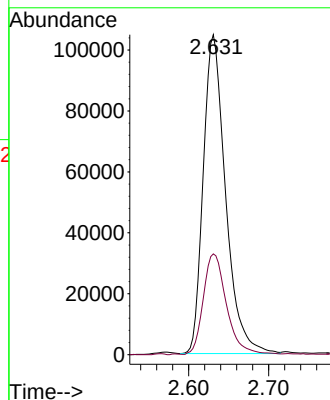
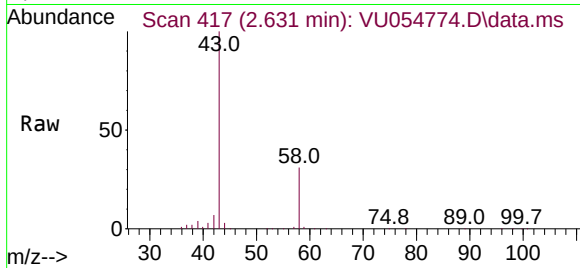
VSTD010040

Tgt Ion: 43 Resp: 203378

Ion Ratio Lower Upper

43 100

58 32.6 0.0 65.0



#14

Carbon disulfide

Concen: 10.603 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU054774.D

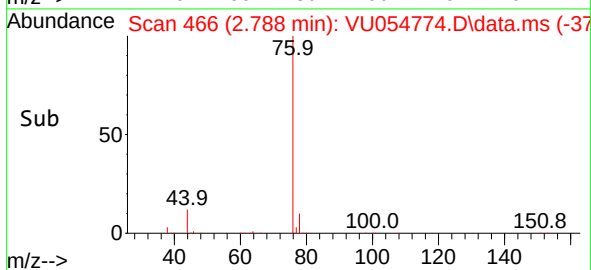
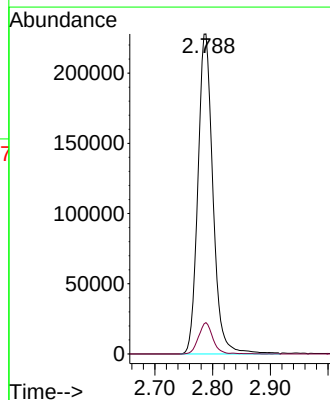
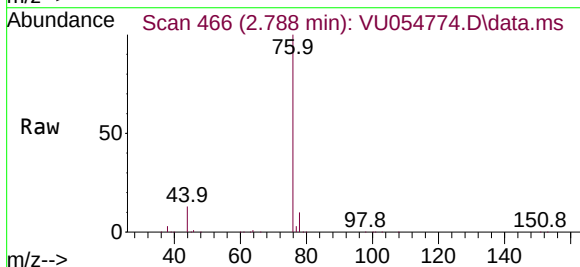
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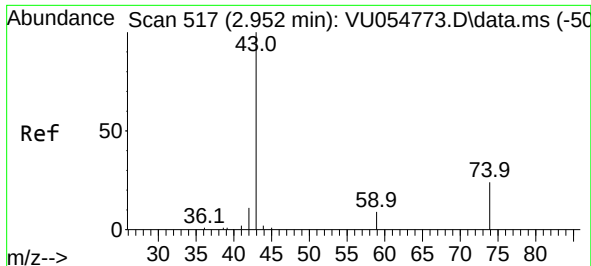
Tgt Ion: 76 Resp: 411771

Ion Ratio Lower Upper

76 100

78 9.8 7.1 10.7

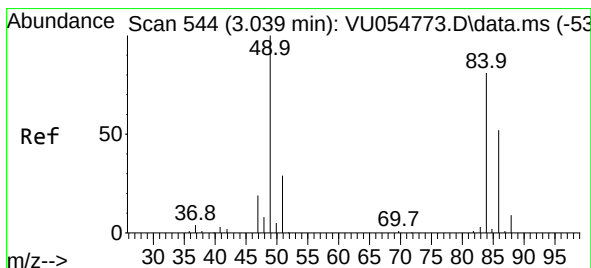
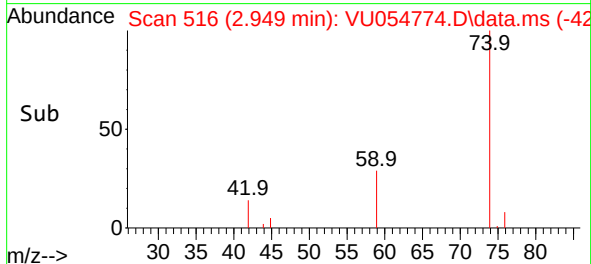
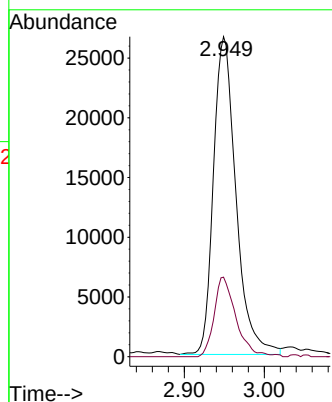
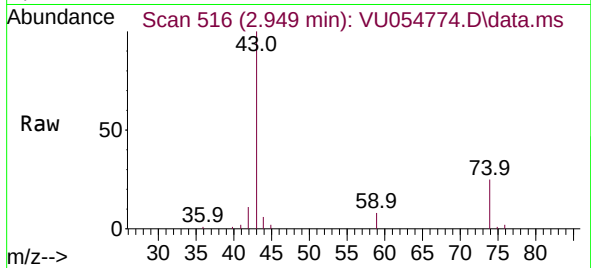




#15
Methyl Acetate
Concen: 10.412 ug/L
RT: 2.949 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

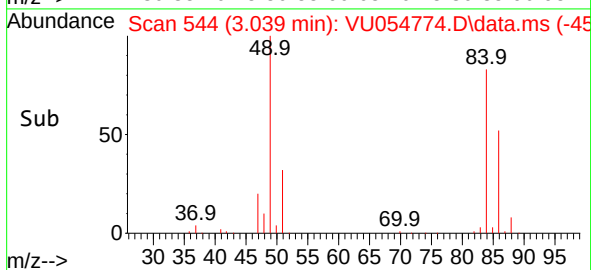
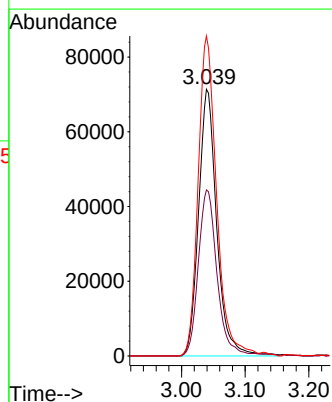
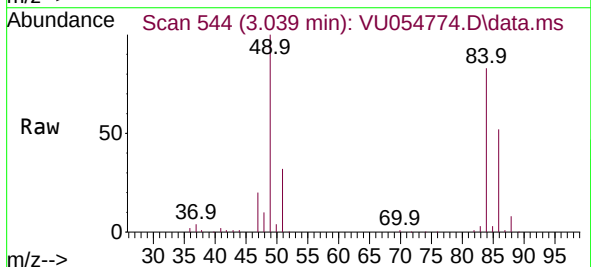
Instrument :
MSVOA_U
ClientSampleId :
VSTD010040

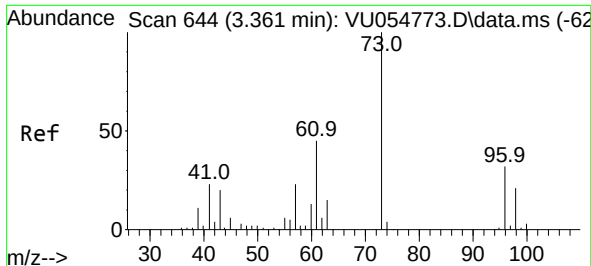
Tgt Ion: 43 Resp: 51987
Ion Ratio Lower Upper
43 100
74 24.1 19.2 28.8



#16
Methylene chloride
Concen: 8.295 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

Tgt Ion: 84 Resp: 141603
Ion Ratio Lower Upper
84 100
86 62.3 45.3 84.1
49 120.0 86.7 160.9

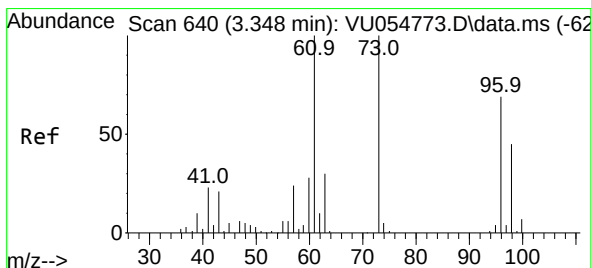
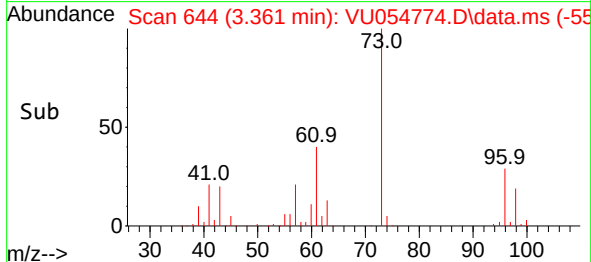
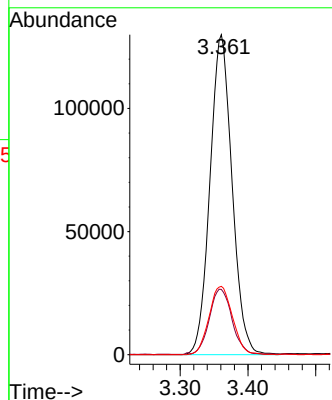
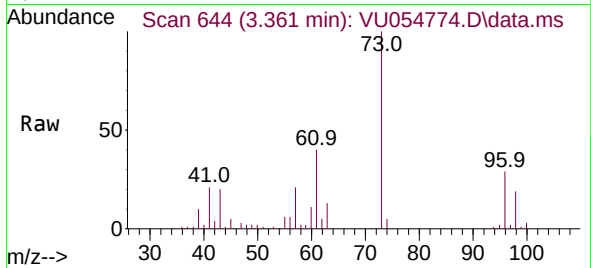




#17
Methyl tert-butyl Ether
Concen: 10.796 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

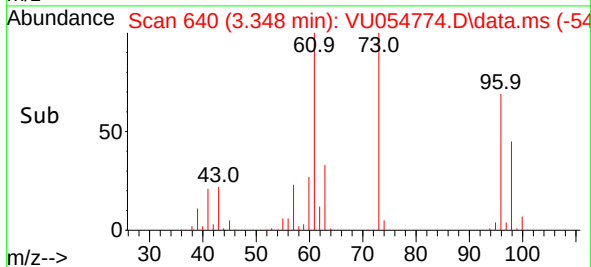
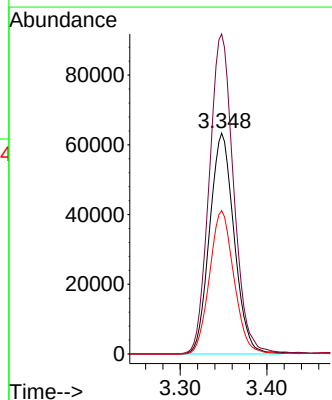
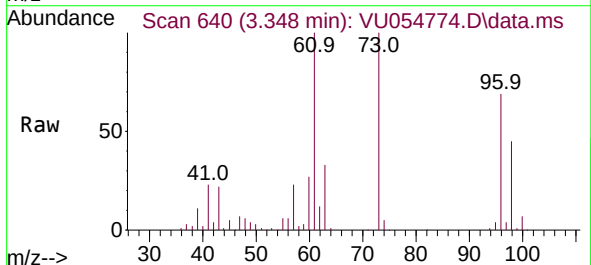
Instrument :
MSVOA_U
ClientSampleId :
VSTD010040

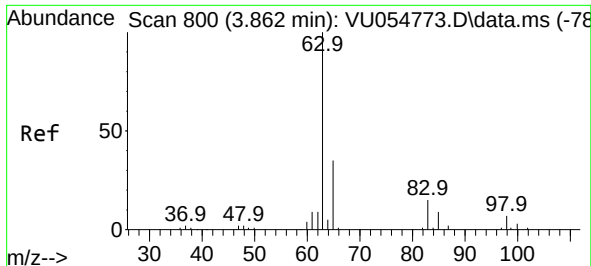
Tgt Ion: 73 Resp: 293771
Ion Ratio Lower Upper
73 100
43 20.6 16.9 25.3
57 22.6 18.9 28.3



#18
trans-1,2-Dichloroethene
Concen: 10.492 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

Tgt Ion: 96 Resp: 124610
Ion Ratio Lower Upper
96 100
61 144.9 101.6 188.6
98 64.9 45.6 84.6





#19

1,1-Dichloroethane

Concen: 10.583 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.000 min

Lab File: VU054774.D

Acq: 07 Jul 2023 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD010040

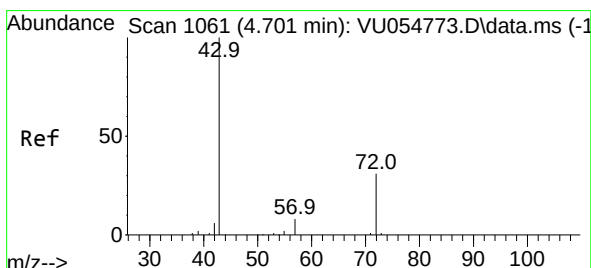
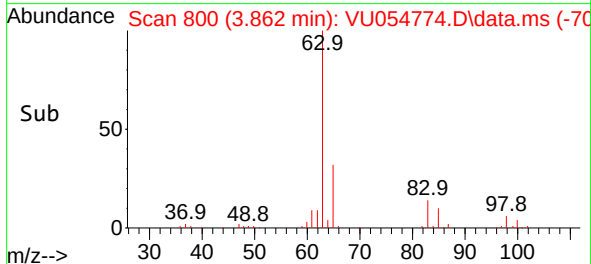
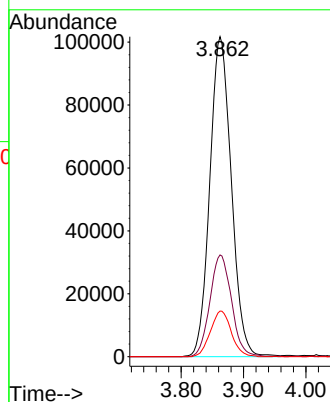
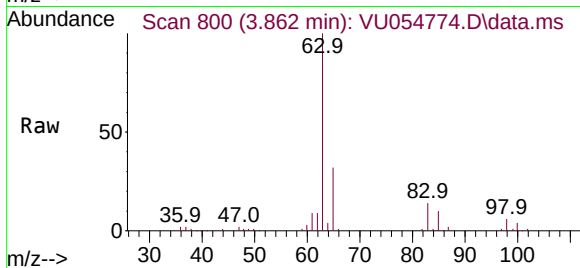
Tgt Ion: 63 Resp: 243652

Ion Ratio Lower Upper

63 100

65 31.8 24.2 45.0

83 14.3 10.4 19.2



#21

2-Butanone

Concen: 107.986 ug/L

RT: 4.701 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VU054774.D

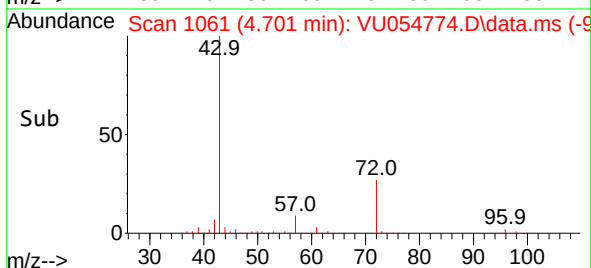
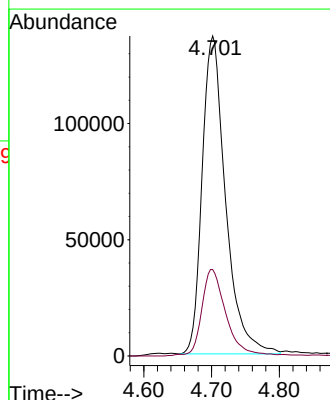
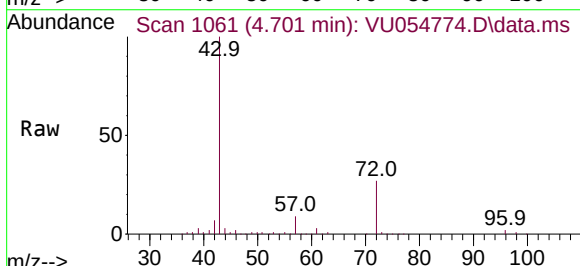
Acq: 07 Jul 2023 10:23

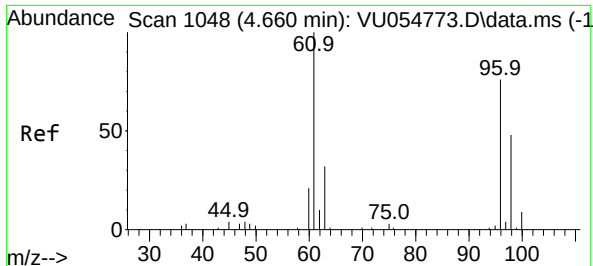
Tgt Ion: 43 Resp: 328533

Ion Ratio Lower Upper

43 100

72 28.1 14.4 43.4

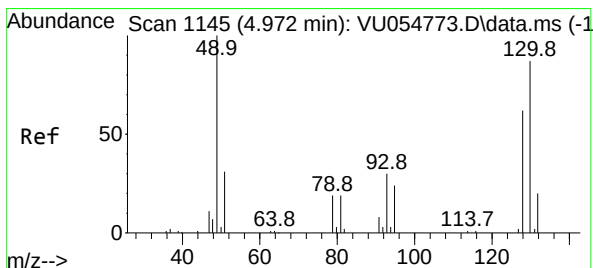
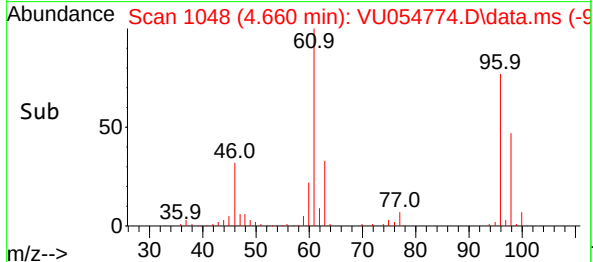
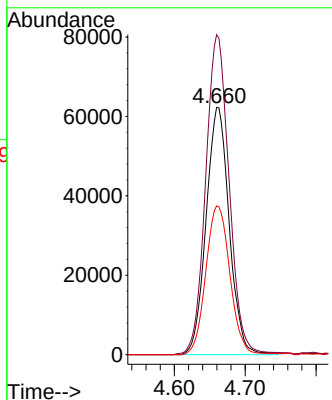
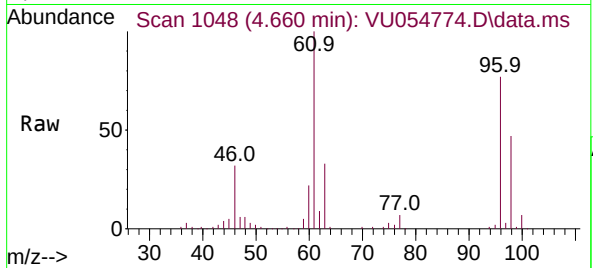




#22
 cis-1,2-Dichloroethene
 Concen: 10.920 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU054774.D
 Acq: 07 Jul 2023 10:23

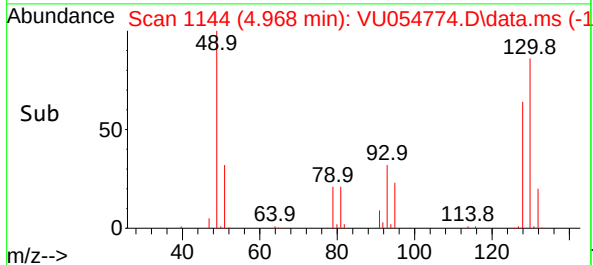
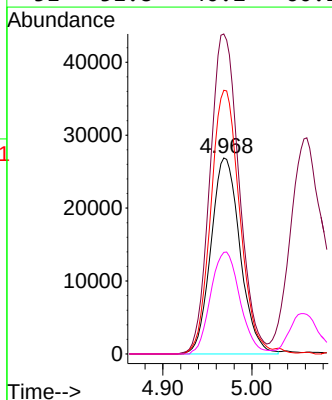
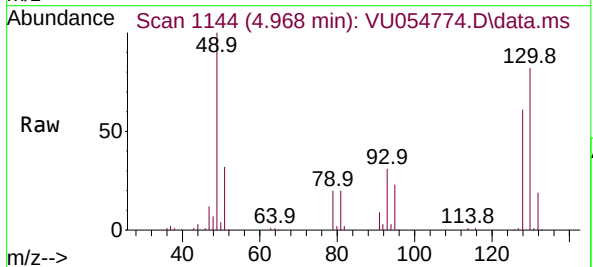
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010040

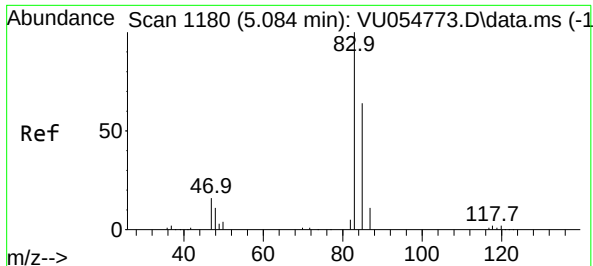
Tgt Ion: 96 Resp: 141210
 Ion Ratio Lower Upper
 96 100
 61 129.4 93.0 172.8
 98 60.2 44.0 81.8



#23
 Bromochloromethane
 Concen: 10.605 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.003 min
 Lab File: VU054774.D
 Acq: 07 Jul 2023 10:23

Tgt Ion: 128 Resp: 61000
 Ion Ratio Lower Upper
 128 100
 49 163.2 113.5 210.7
 130 134.5 98.0 182.0
 51 51.8 40.2 60.2

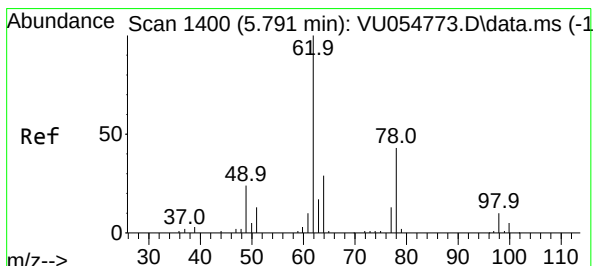
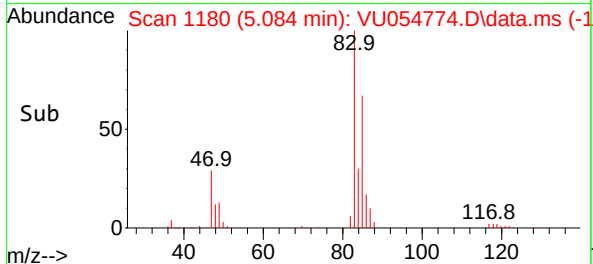
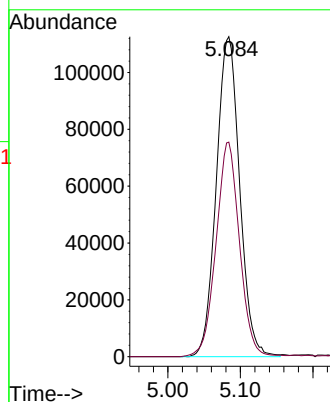
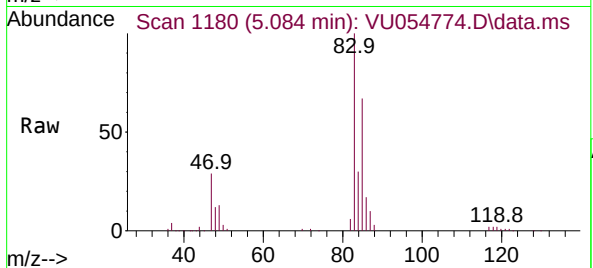




#25
Chloroform
Concen: 10.441 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

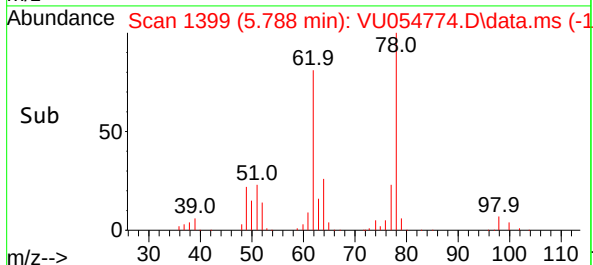
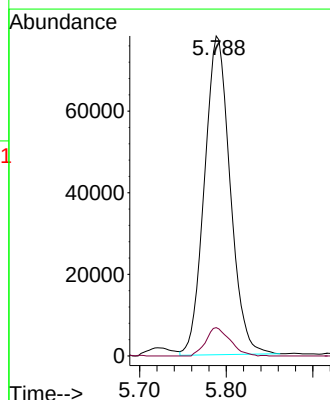
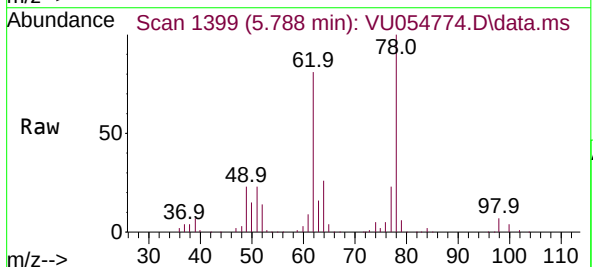
Instrument :
MSVOA_U
ClientSampleId :
VSTD010040

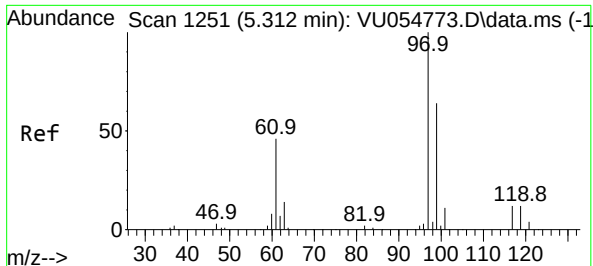
Tgt Ion: 83 Resp: 251983
Ion Ratio Lower Upper
83 100
85 67.1 46.2 85.8



#27
1,2-Dichloroethane
Concen: 10.332 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.003 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

Tgt Ion: 62 Resp: 161058
Ion Ratio Lower Upper
62 100
98 8.8 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 10.660 ug/L

RT: 5.309 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU054774.D

Acq: 07 Jul 2023 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD010040

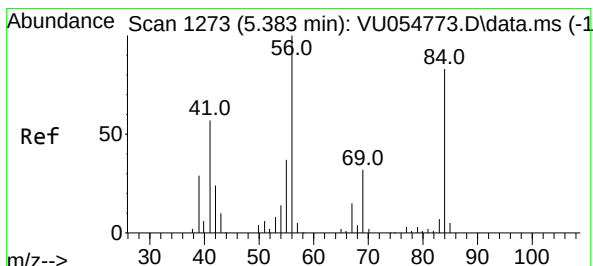
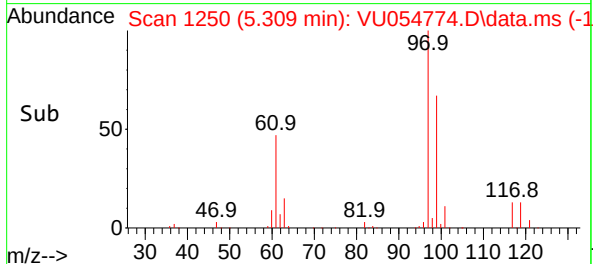
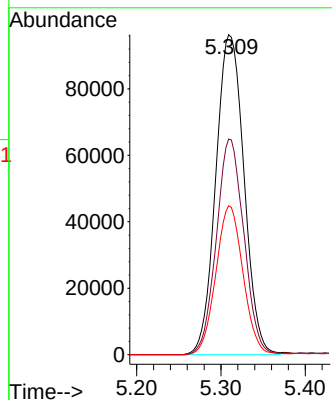
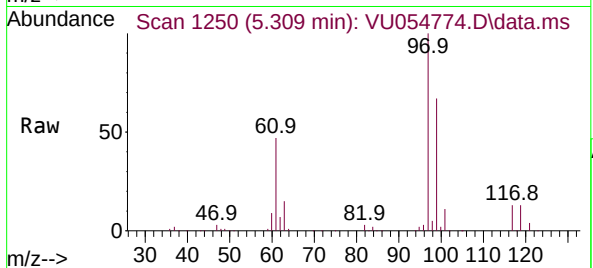
Tgt Ion: 97 Resp: 223877

Ion Ratio Lower Upper

97 100

99 65.8 51.7 77.5

61 44.8 37.0 55.4



#30

Cyclohexane

Concen: 11.013 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU054774.D

Acq: 07 Jul 2023 10:23

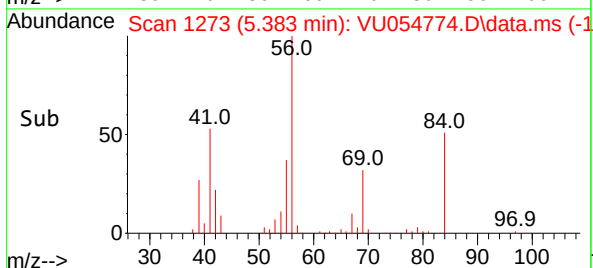
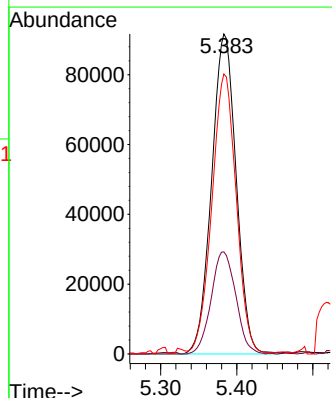
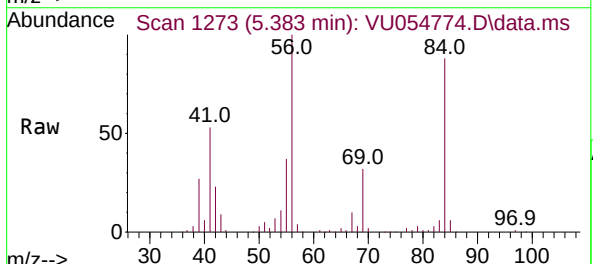
Tgt Ion: 56 Resp: 205762

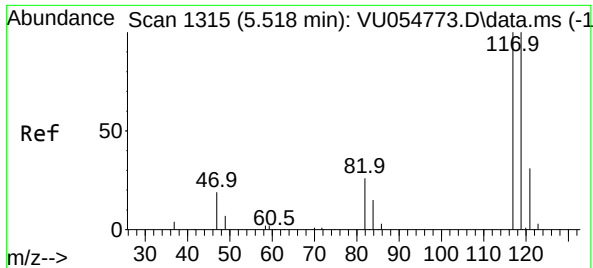
Ion Ratio Lower Upper

56 100

69 32.0 25.0 37.4

84 85.6 66.7 100.1

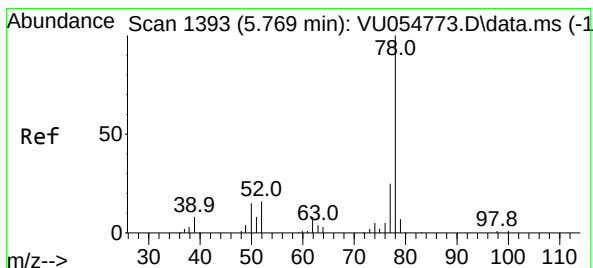
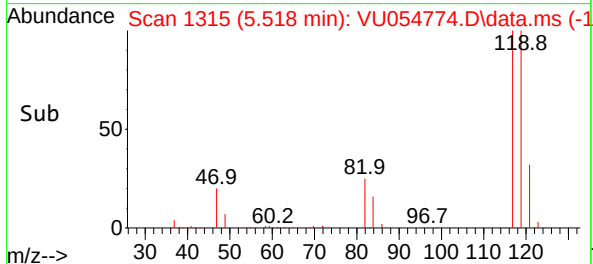
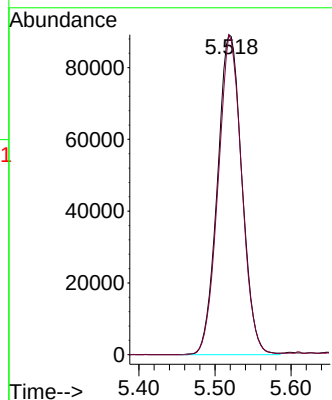
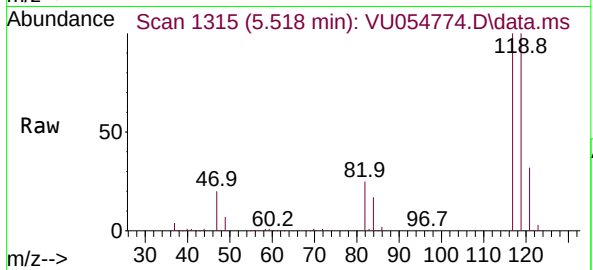




#31
Carbon tetrachloride
Concen: 10.579 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

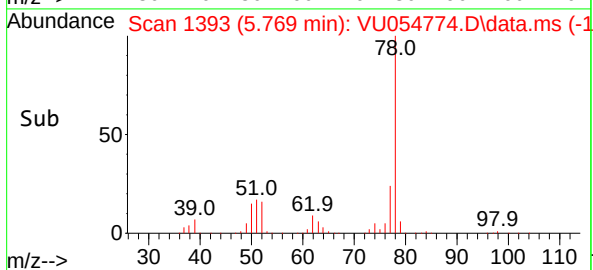
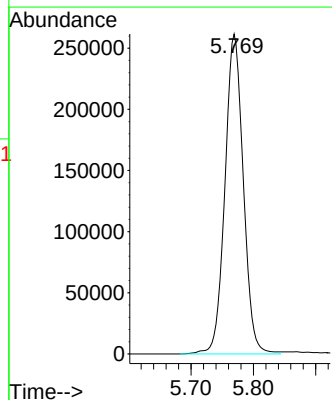
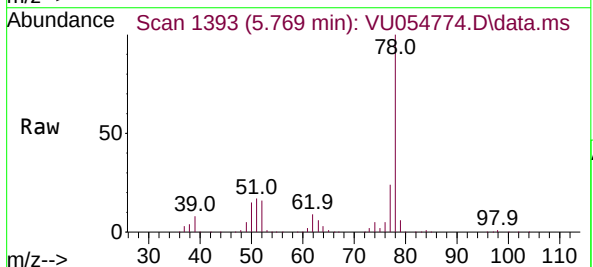
Instrument :
MSVOA_U
ClientSampleId :
VSTD010040

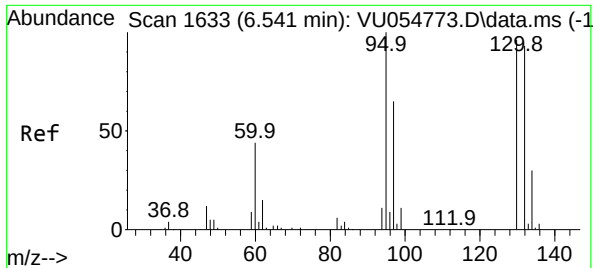
Tgt Ion:117 Resp: 199417
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3



#33
Benzene
Concen: 10.935 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

Tgt Ion: 78 Resp: 535841



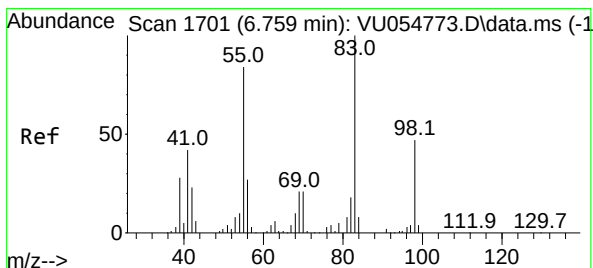
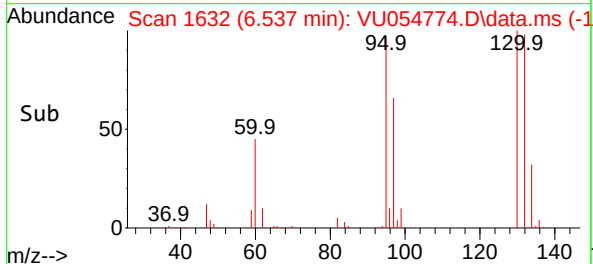
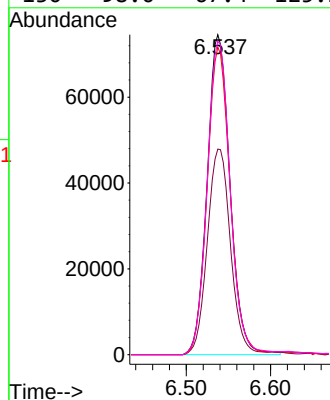
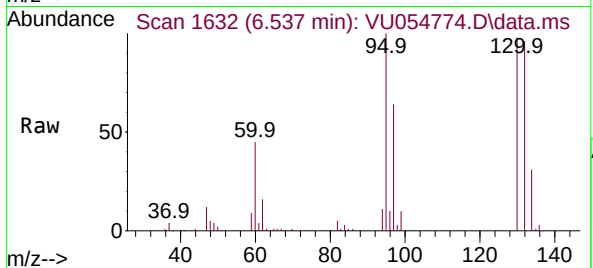


#34
Trichloroethene
Concen: 10.296 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

Instrument :
MSVOA_U
ClientSampleId :
VSTD010040

Tgt Ion: 95 Resp: 141235

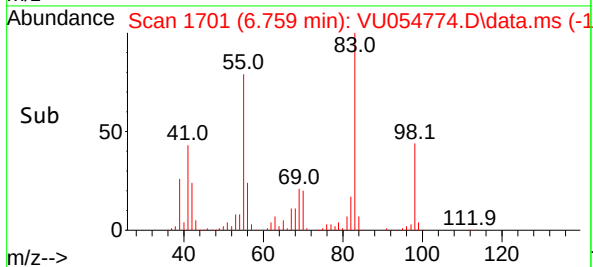
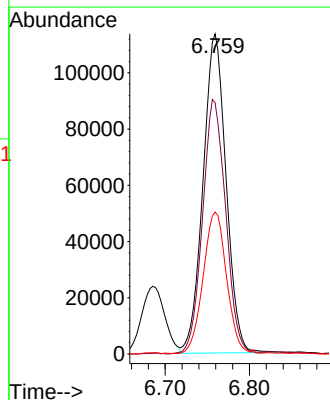
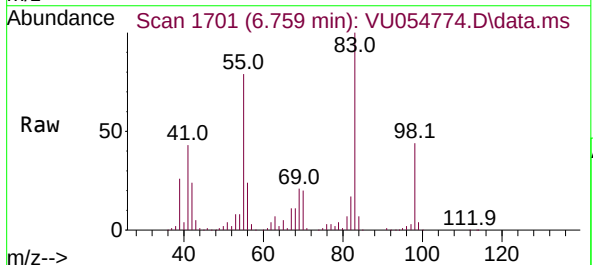
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.5	84.5
132	96.1	65.4	121.4
130	98.0	67.4	125.2

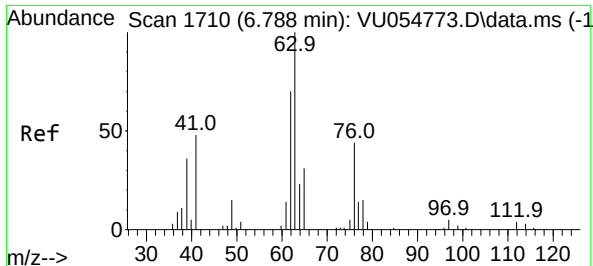


#35
Methylcyclohexane
Concen: 11.275 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

Tgt Ion: 83 Resp: 216245

Ion	Ratio	Lower	Upper
83	100		
55	80.0	65.8	98.6
98	44.9	36.6	54.8





#37

1,2-Dichloropropane

Concen: 10.621 ug/L

RT: 6.788 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054774.D

Acq: 07 Jul 2023 10:23

Instrument :

MSVOA_U

ClientSampleId :

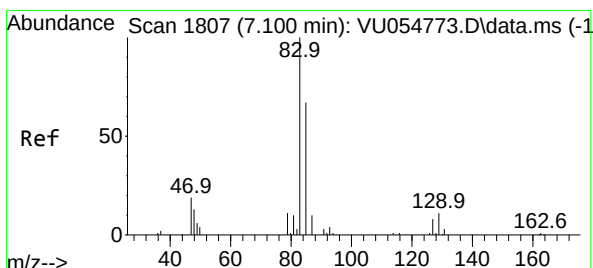
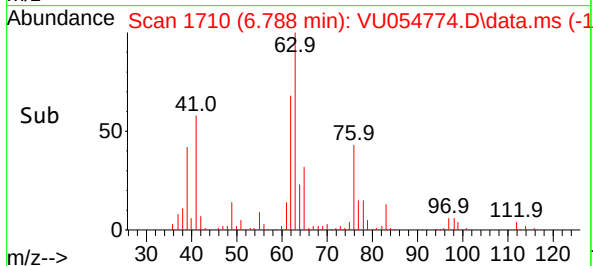
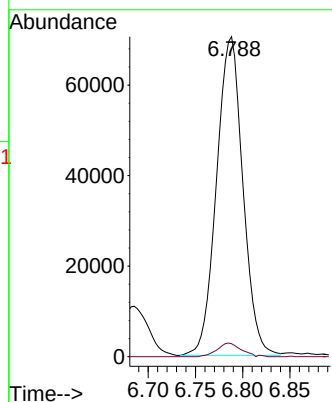
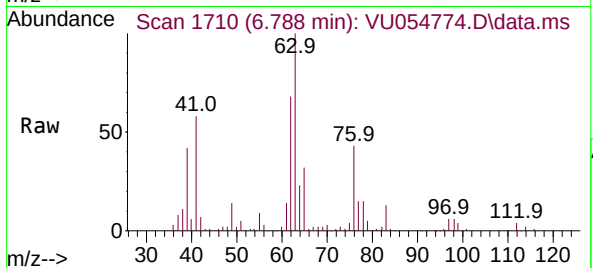
VSTD010040

Tgt Ion: 63 Resp: 136577

Ion Ratio Lower Upper

63 100

112 3.9 2.6 4.0



#38

Bromodichloromethane

Concen: 10.740 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU054774.D

Acq: 07 Jul 2023 10:23

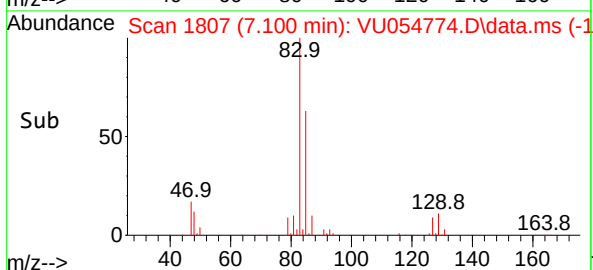
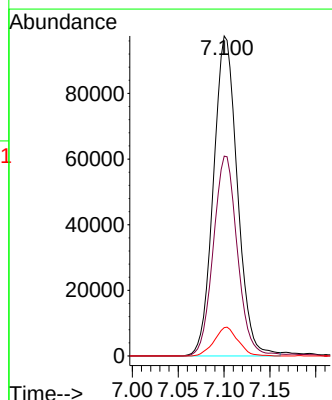
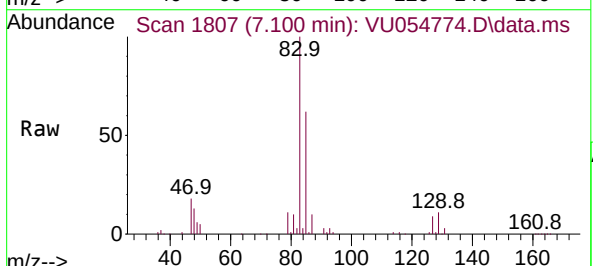
Tgt Ion: 83 Resp: 177425

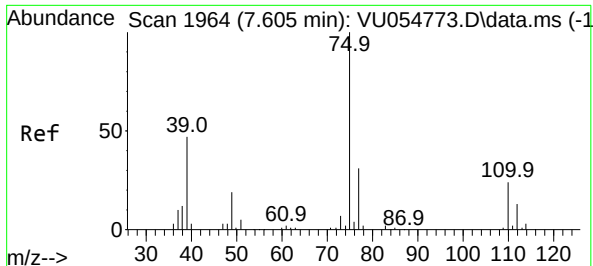
Ion Ratio Lower Upper

83 100

85 62.4 46.7 86.7

127 8.9 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 11.006 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU054774.D

Acq: 07 Jul 2023 10:23

Instrument :

MSVOA_U

ClientSampleId :

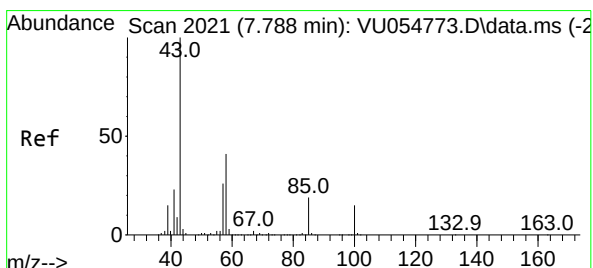
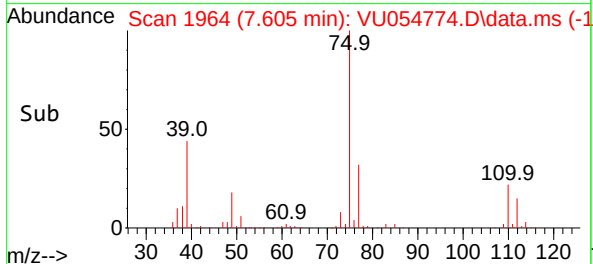
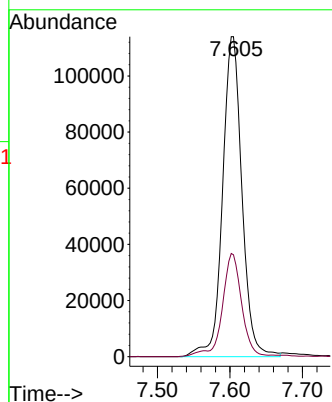
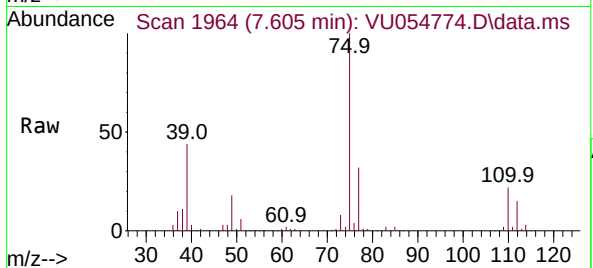
VSTD010040

Tgt Ion: 75 Resp: 211715

Ion Ratio Lower Upper

75 100

77 31.9 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 111.083 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU054774.D

Acq: 07 Jul 2023 10:23

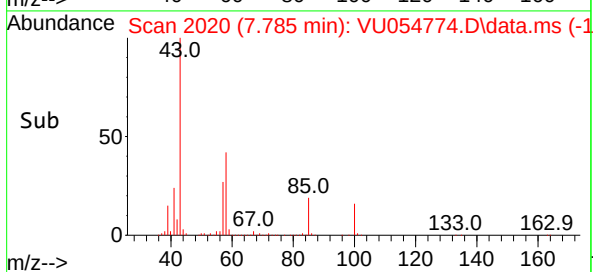
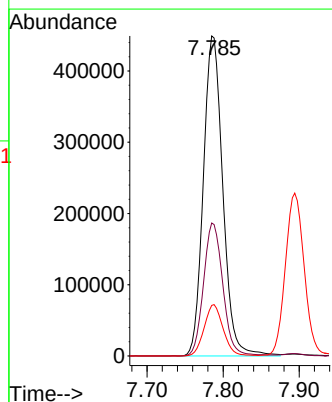
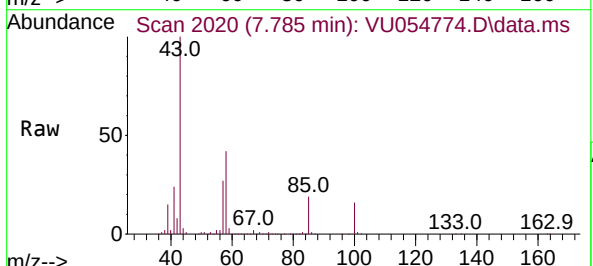
Tgt Ion: 43 Resp: 800608

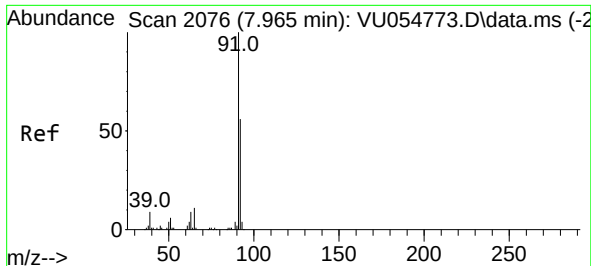
Ion Ratio Lower Upper

43 100

58 41.3 32.6 48.8

100 15.7 12.5 18.7





#42

Toluene

Concen: 11.085 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU054774.D

Acq: 07 Jul 2023 10:23

Instrument :

MSVOA_U

ClientSampleId :

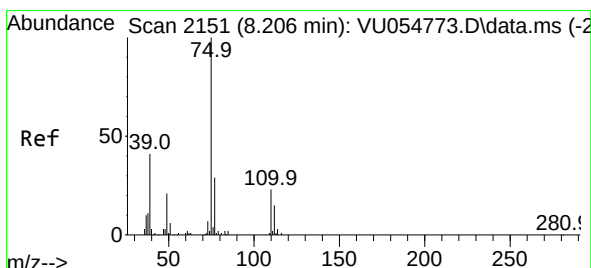
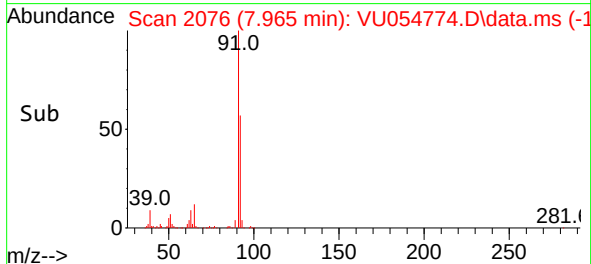
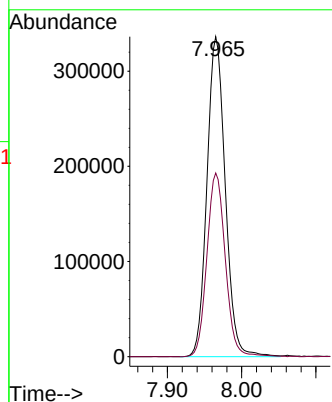
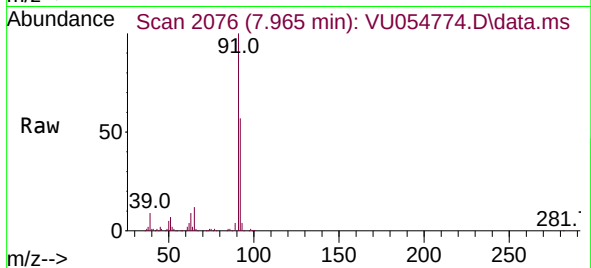
VSTD010040

Tgt Ion: 91 Resp: 575690

Ion Ratio Lower Upper

91 100

92 57.4 39.1 72.5



#44

trans-1,3-Dichloropropene

Concen: 11.132 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU054774.D

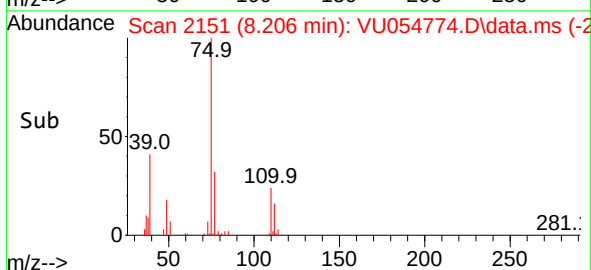
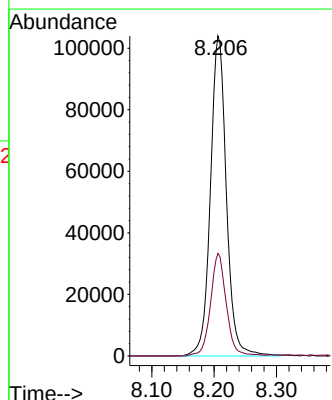
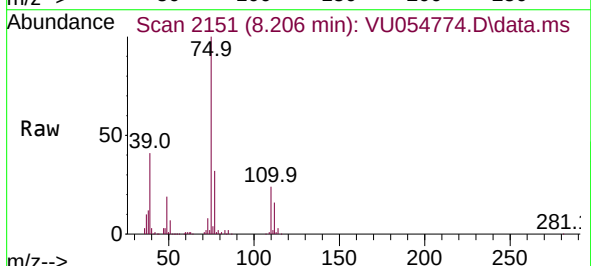
Acq: 07 Jul 2023 10:23

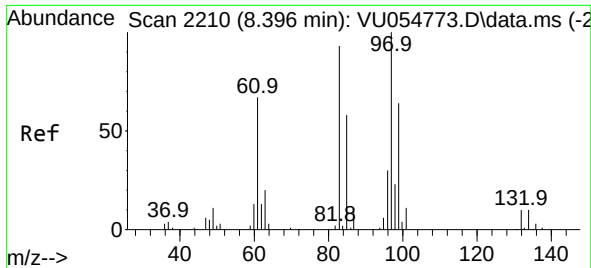
Tgt Ion: 75 Resp: 185145

Ion Ratio Lower Upper

75 100

77 32.1 20.2 37.6

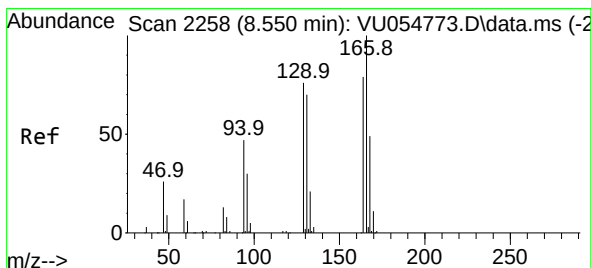
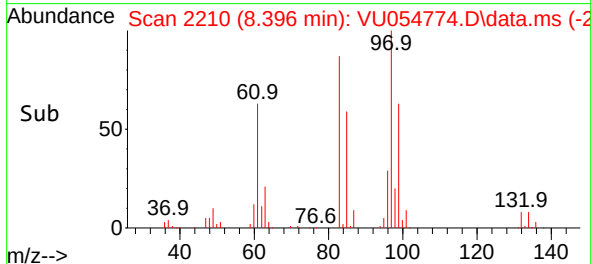
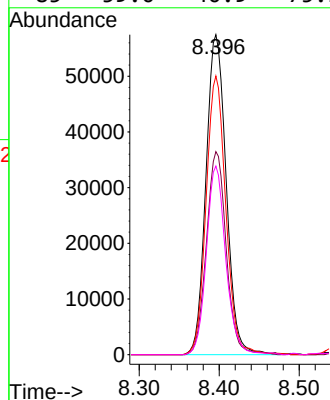
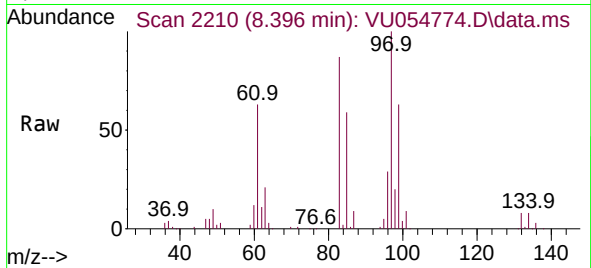




#45
1,1,2-Trichloroethane
Concen: 11.000 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

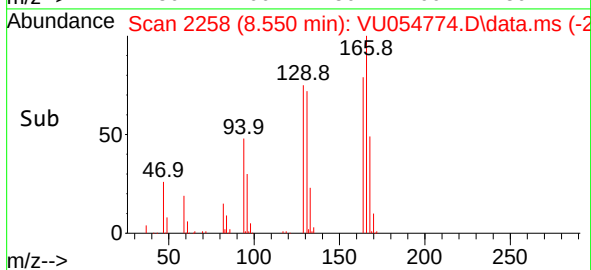
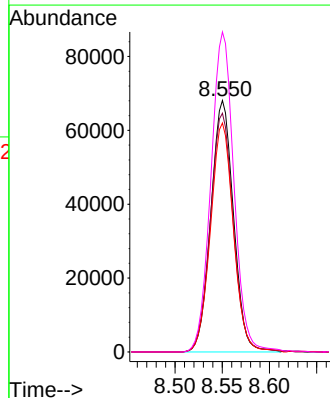
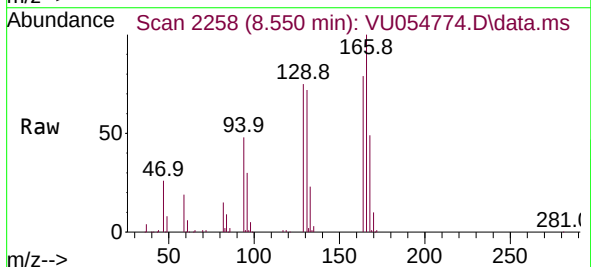
Instrument :
MSVOA_U
ClientSampleId :
VSTD010040

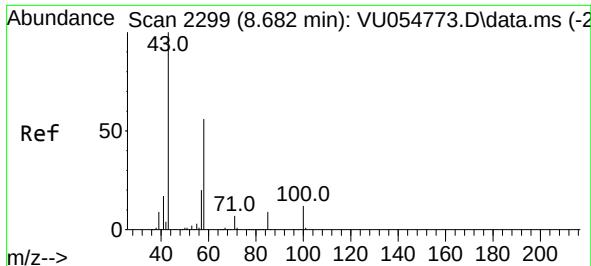
Tgt Ion:	97	Resp:	101291
Ion	Ratio	Lower	Upper
97	100		
99	63.5	44.7	83.1
83	87.1	65.2	121.0
85	59.0	40.9	75.9



#47
Tetrachloroethene
Concen: 10.195 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

Tgt Ion:	164	Resp:	113252
Ion	Ratio	Lower	Upper
164	100		
129	94.9	66.6	123.8
131	91.1	61.5	114.3
166	127.2	88.3	163.9



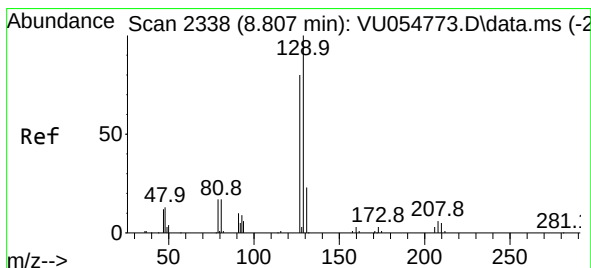
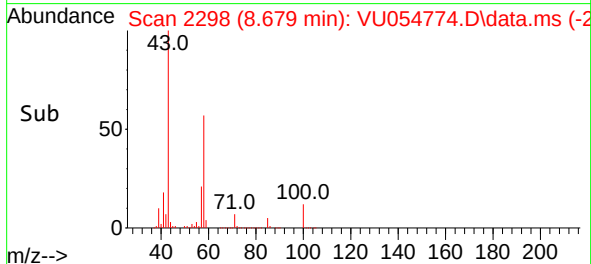
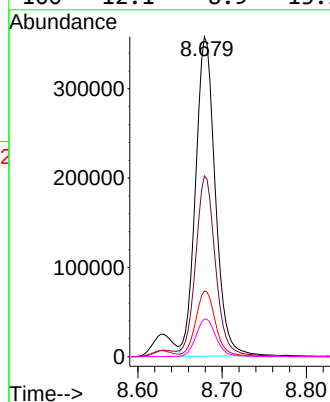
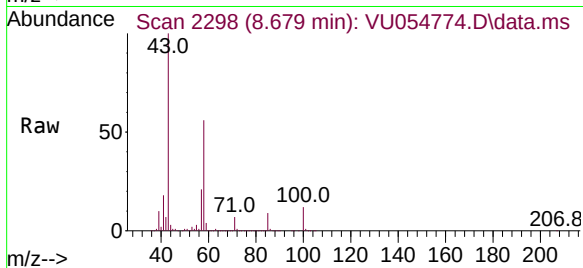


#48
2-Hexanone
Concen: 112.161 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

Instrument :
MSVOA_U
ClientSampleId :
VSTD010040

Tgt Ion: 43 Resp: 582100

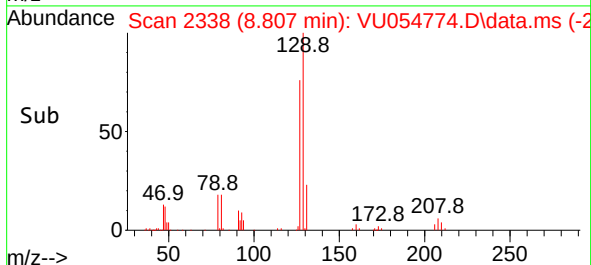
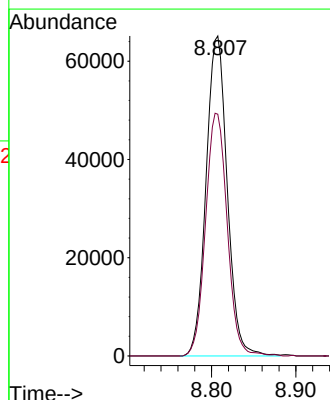
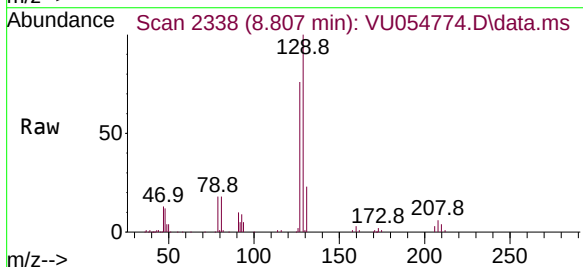
Ion	Ratio	Lower	Upper
43	100		
58	57.1	45.2	67.8
57	21.0	15.7	23.5
100	12.1	8.9	13.3

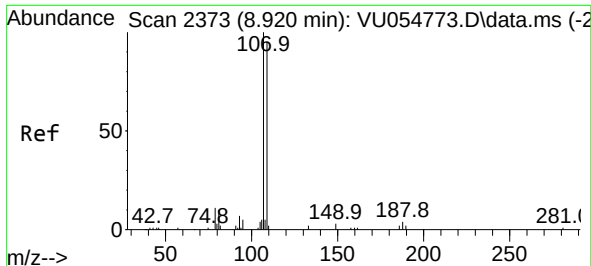


#49
Dibromochloromethane
Concen: 10.619 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

Tgt Ion: 129 Resp: 113815

Ion	Ratio	Lower	Upper
129	100		
127	75.6	55.6	103.4

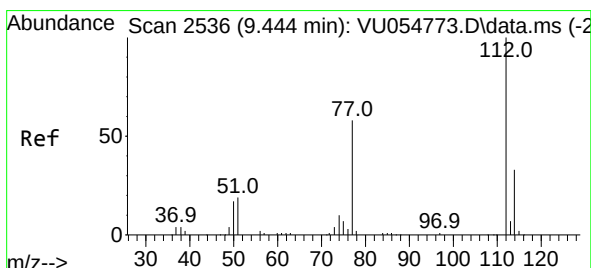
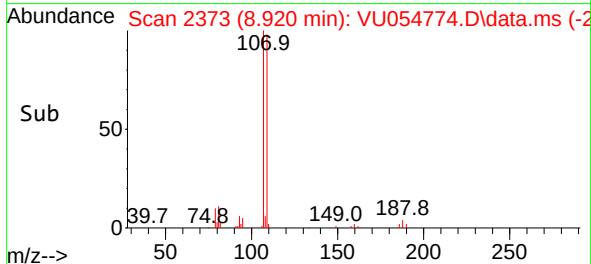
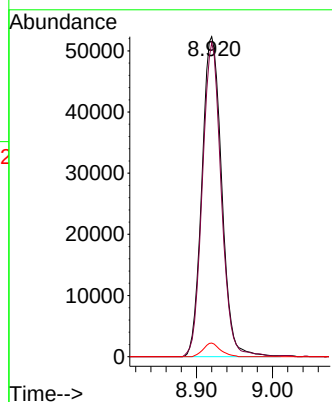
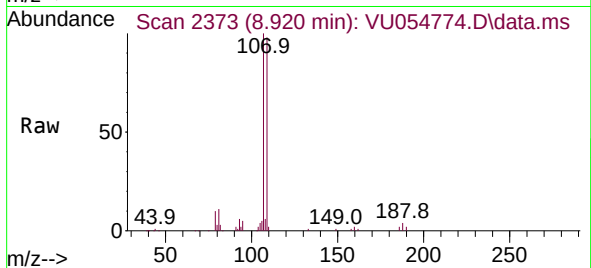




#50
1,2-Dibromoethane
Concen: 10.755 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

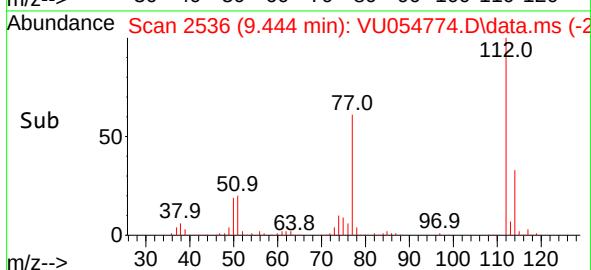
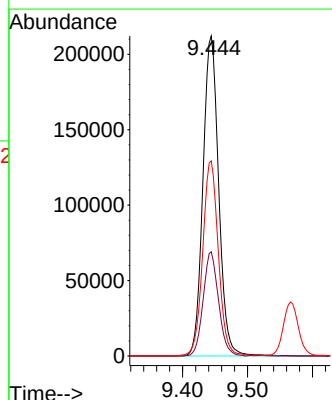
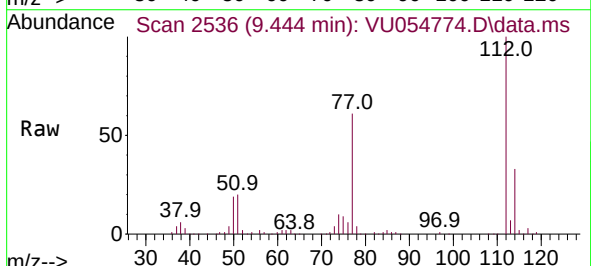
Instrument :
MSVOA_U
ClientSampleId :
VSTD010040

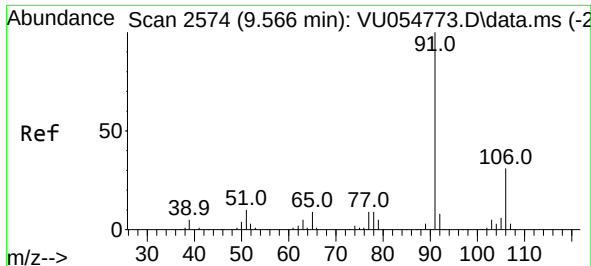
Tgt Ion:107 Resp: 94498
Ion Ratio Lower Upper
107 100
109 98.1 66.5 123.5
188 4.3 3.3 4.9



#51
Chlorobenzene
Concen: 10.750 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

Tgt Ion:112 Resp: 357633
Ion Ratio Lower Upper
112 100
114 32.6 22.9 42.5
77 61.0 47.3 70.9

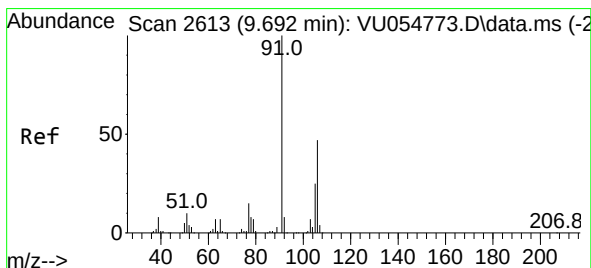
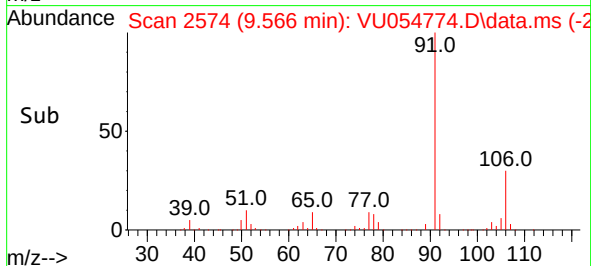
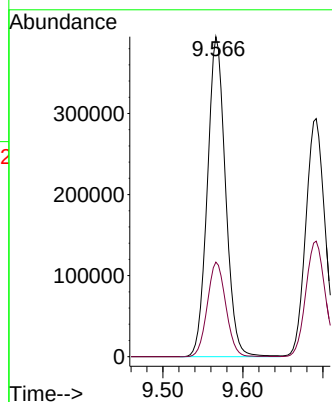
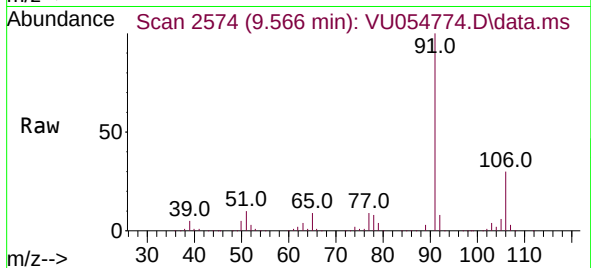




#52
Ethylbenzene
Concen: 11.212 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

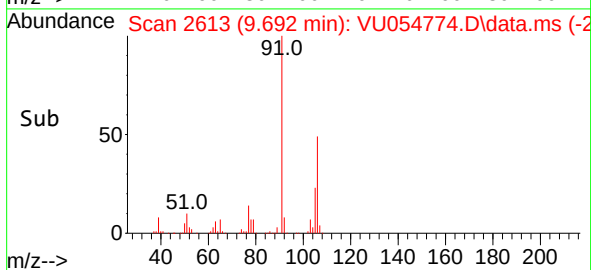
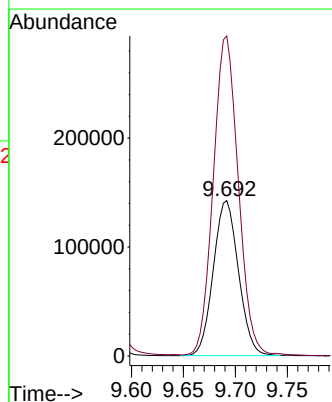
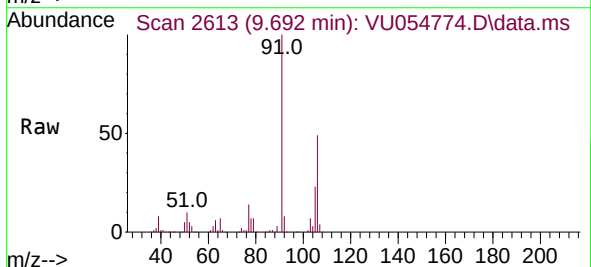
Instrument :
MSVOA_U
ClientSampleId :
VSTD010040

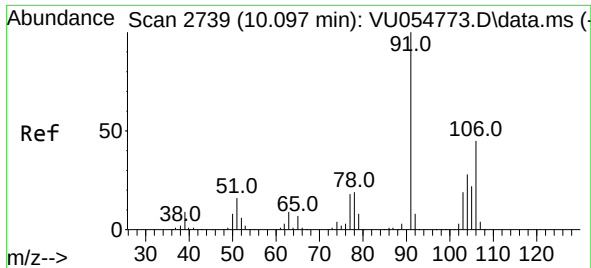
Tgt Ion: 91 Resp: 623382
Ion Ratio Lower Upper
91 100
106 29.6 21.6 40.0



#53
m,p-Xylene
Concen: 11.285 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

Tgt Ion: 106 Resp: 239667
Ion Ratio Lower Upper
106 100
91 206.0 148.8 276.4

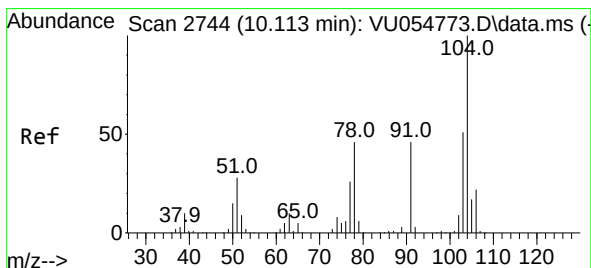
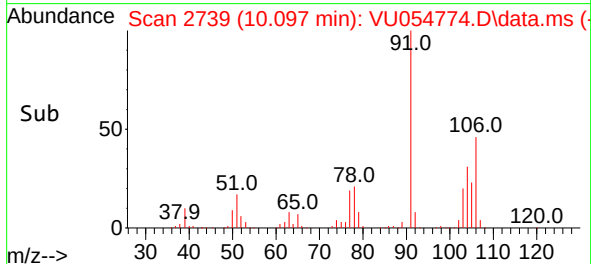
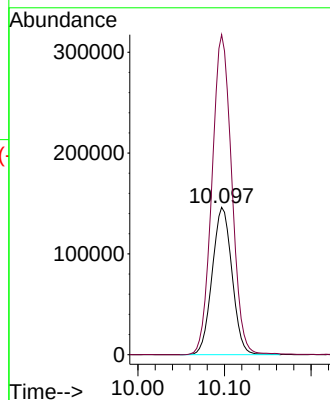
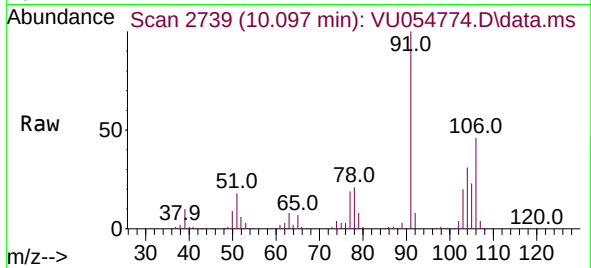




#54
o-Xylene
Concen: 11.734 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

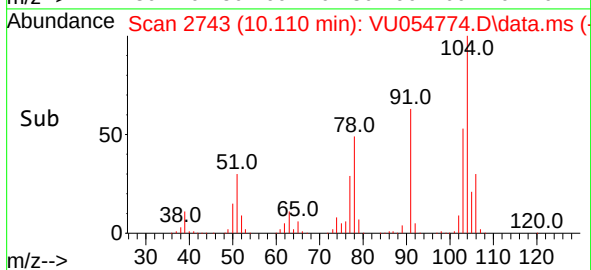
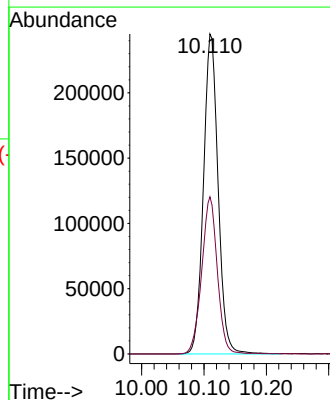
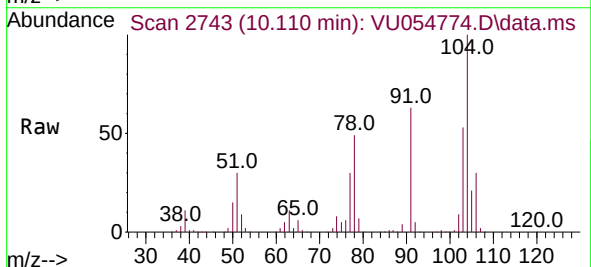
Instrument :
MSVOA_U
ClientSampleId :
VSTD010040

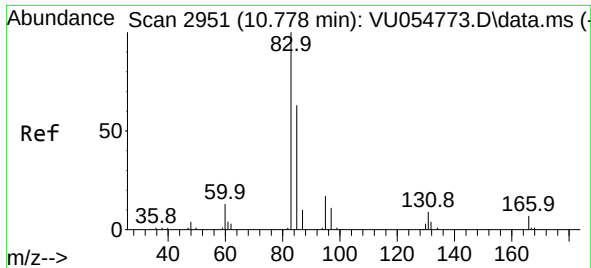
Tgt Ion:106 Resp: 232766
Ion Ratio Lower Upper
106 100
91 217.3 156.8 291.2



#55
Styrene
Concen: 11.929 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

Tgt Ion:104 Resp: 400087
Ion Ratio Lower Upper
104 100
78 49.1 32.5 60.3

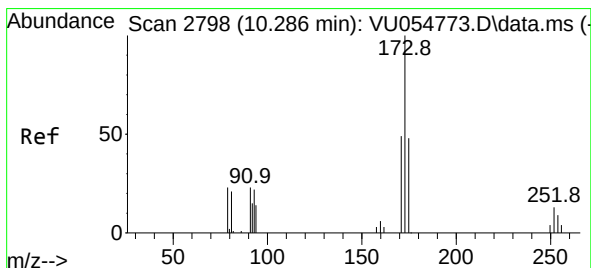
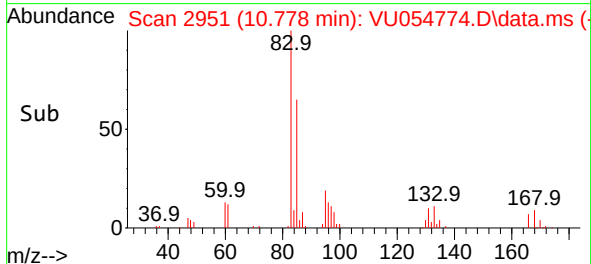
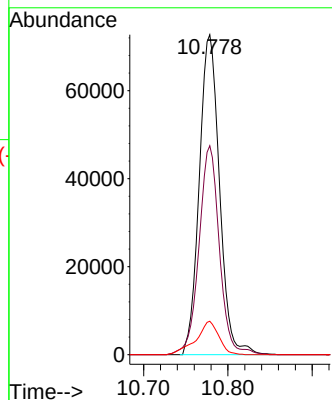
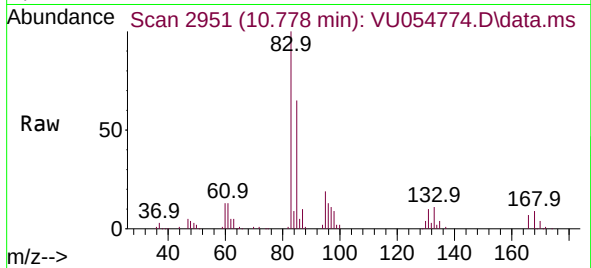




#57
1,1,2,2-Tetrachloroethane
Concen: 10.840 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

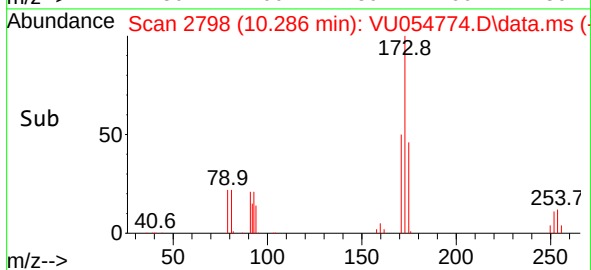
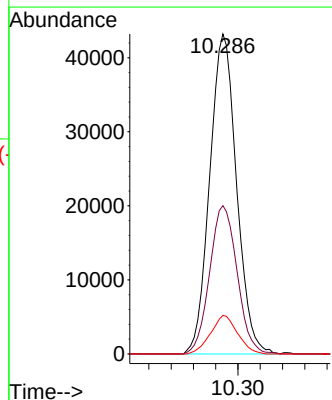
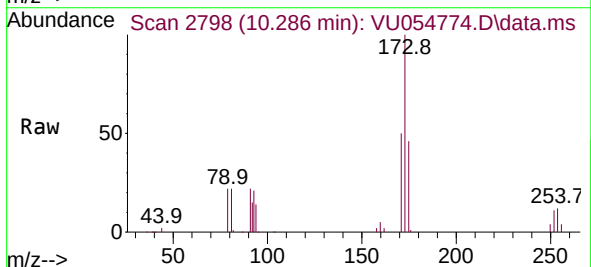
Instrument :
MSVOA_U
ClientSampleId :
VSTD010040

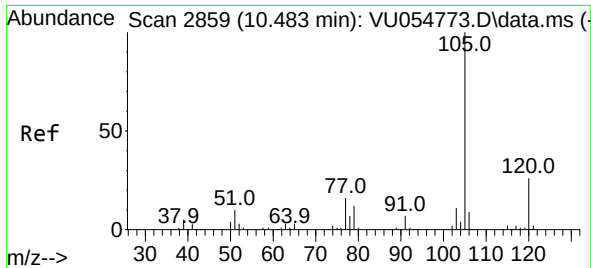
Tgt Ion: 83 Resp: 121699
Ion Ratio Lower Upper
83 100
85 65.3 45.5 84.5
131 10.4 8.6 13.0



#59
Bromoform
Concen: 10.295 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

Tgt Ion:173 Resp: 72174
Ion Ratio Lower Upper
173 100
175 47.5 38.1 57.1
254 12.1 7.8 11.6#

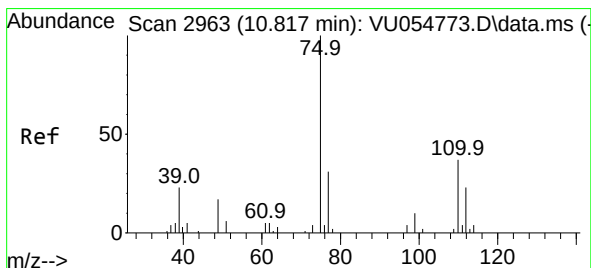
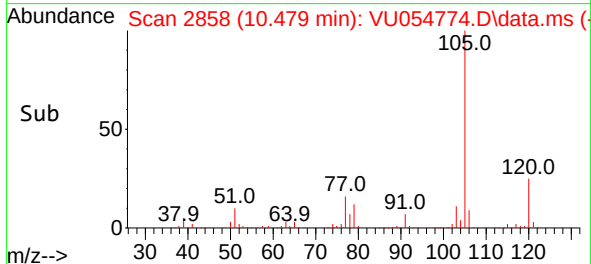
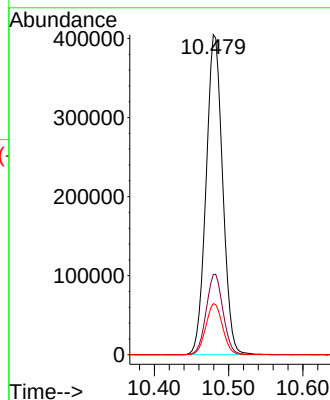
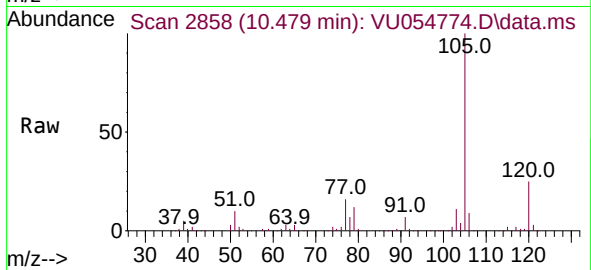




#60
Isopropylbenzene
Concen: 11.242 ug/L
RT: 10.479 min Scan# 2859
Delta R.T. -0.003 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

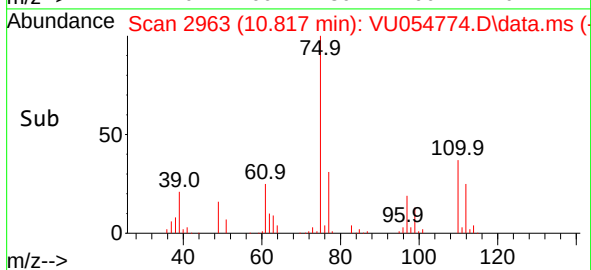
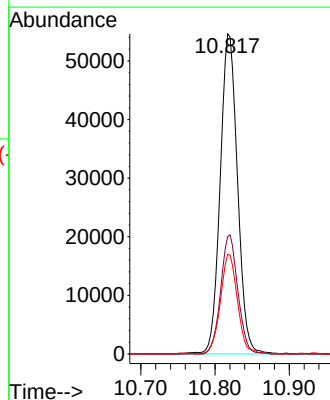
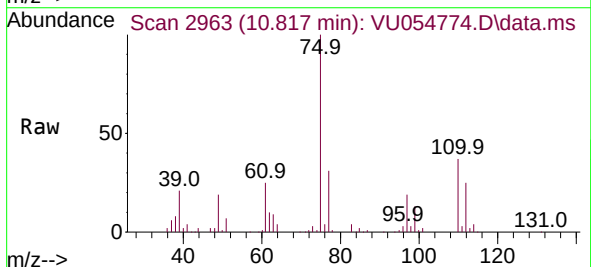
Instrument :
MSVOA_U
ClientSampleId :
VSTD010040

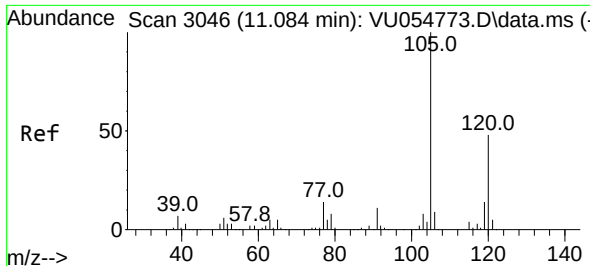
Tgt Ion:105 Resp: 625159
Ion Ratio Lower Upper
105 100
120 25.6 20.8 31.2
77 16.1 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 10.146 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

Tgt Ion: 75 Resp: 88611
Ion Ratio Lower Upper
75 100
110 36.8 29.8 44.6
77 30.7 26.6 39.8

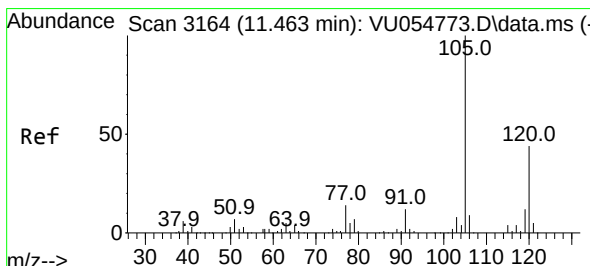
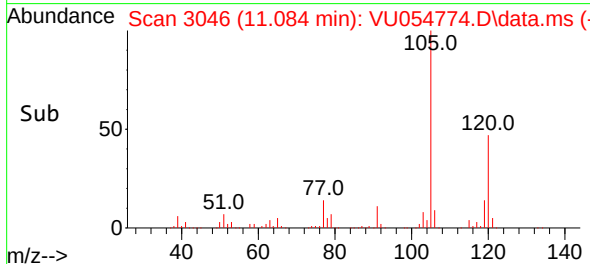
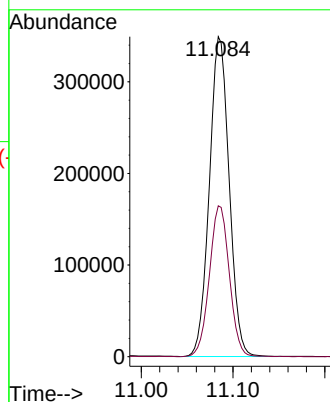
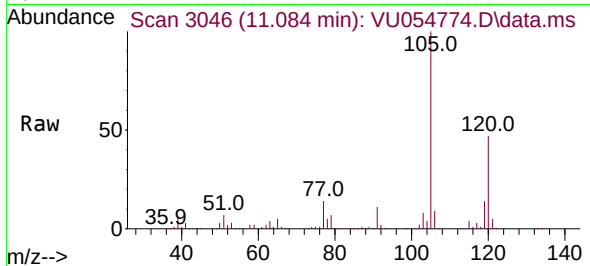




#62
1,3,5-Trimethylbenzene
Concen: 11.328 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

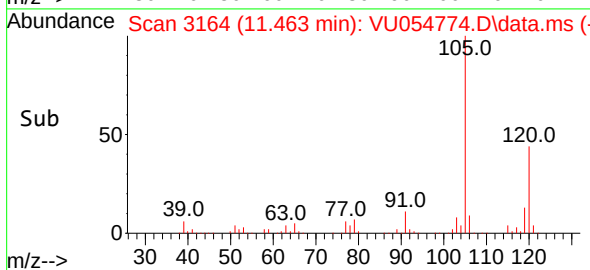
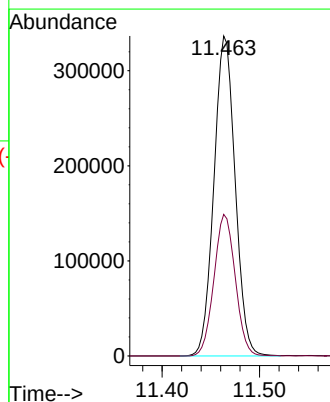
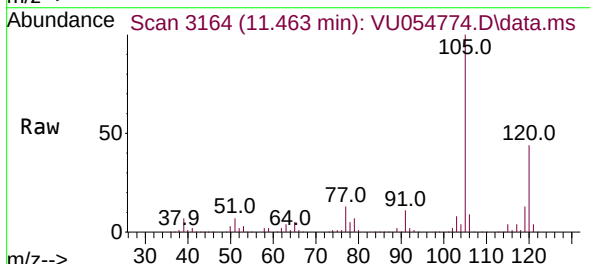
Instrument :
MSVOA_U
ClientSampleId :
VSTD010040

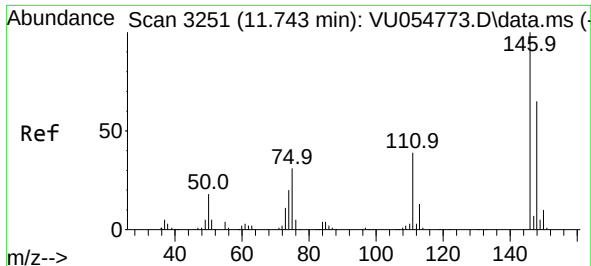
Tgt Ion:105 Resp: 522580
Ion Ratio Lower Upper
105 100
120 47.6 38.6 58.0



#63
1,2,4-Trimethylbenzene
Concen: 11.561 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

Tgt Ion:105 Resp: 509660
Ion Ratio Lower Upper
105 100
120 44.4 35.2 52.8

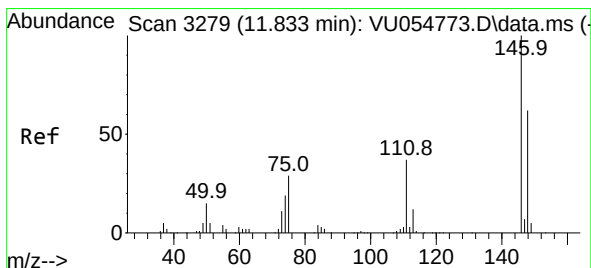
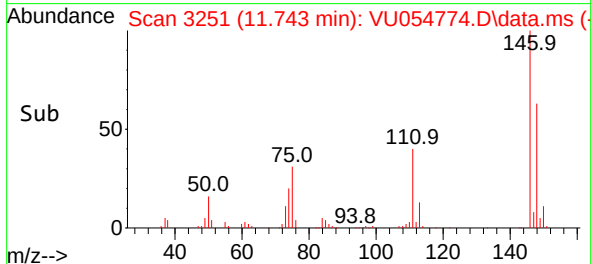
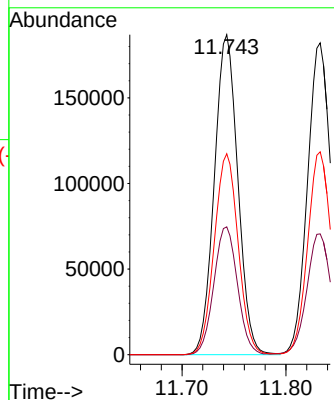
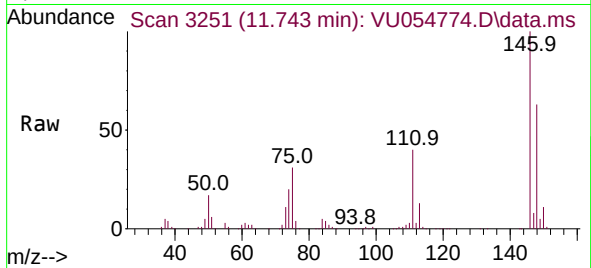




#64
1,3-Dichlorobenzene
Concen: 10.503 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

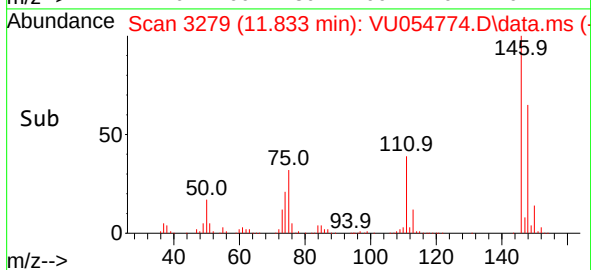
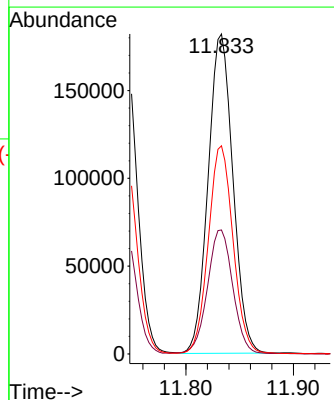
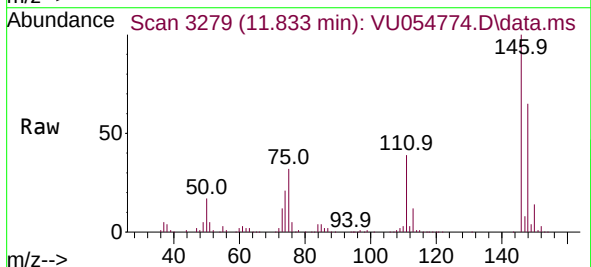
Instrument :
MSVOA_U
ClientSampleId :
VSTD010040

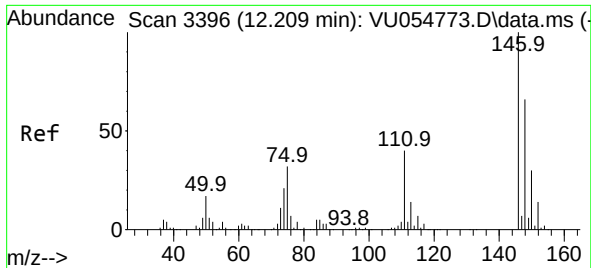
Tgt Ion:146 Resp: 294124
Ion Ratio Lower Upper
146 100
111 39.9 27.5 51.1
148 62.8 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 10.421 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054774.D
Acq: 07 Jul 2023 10:23

Tgt Ion:146 Resp: 290666
Ion Ratio Lower Upper
146 100
111 38.8 25.7 47.7
148 65.0 43.7 81.1

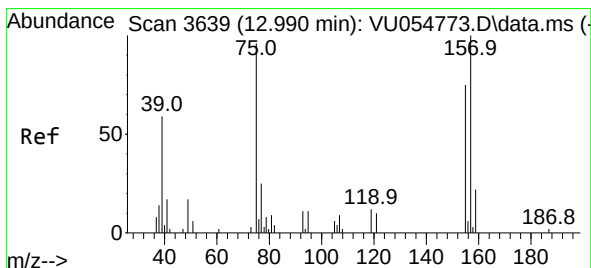
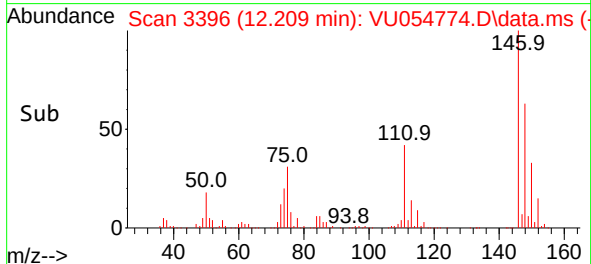
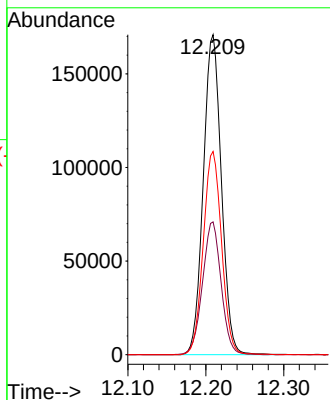
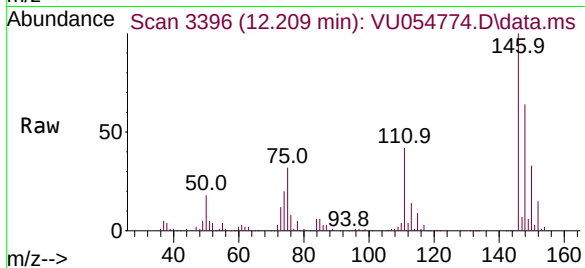




#67
 1,2-Dichlorobenzene
 Concen: 10.699 ug/L
 RT: 12.209 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU054774.D
 Acq: 07 Jul 2023 10:23

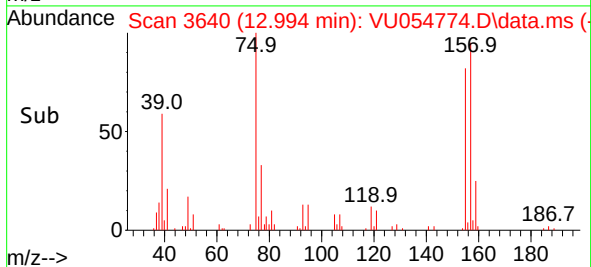
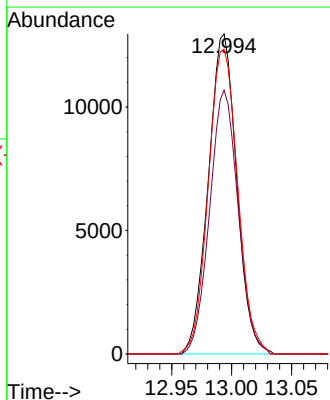
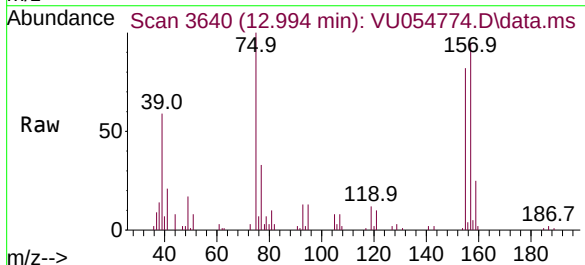
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010040

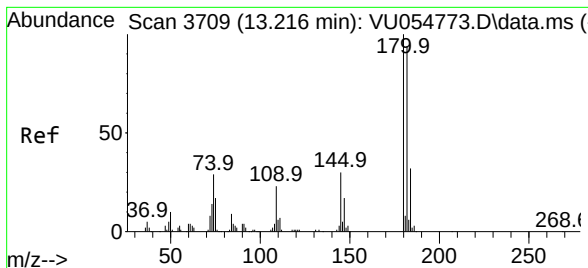
Tgt Ion:146 Resp: 275353
 Ion Ratio Lower Upper
 146 100
 111 41.5 32.4 48.6
 148 63.5 53.2 79.8



#68
 1,2-Dibromo-3-chloropropane
 Concen: 10.021 ug/L
 RT: 12.994 min Scan# 3640
 Delta R.T. 0.003 min
 Lab File: VU054774.D
 Acq: 07 Jul 2023 10:23

Tgt Ion: 75 Resp: 21296
 Ion Ratio Lower Upper
 75 100
 155 82.4 62.9 94.3
 157 95.2 83.4 125.0





#69

1,3,5-Trichlorobenzene

Concen: 10.810 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU054774.D

Acq: 07 Jul 2023 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD010040

Tgt Ion:180 Resp: 226265

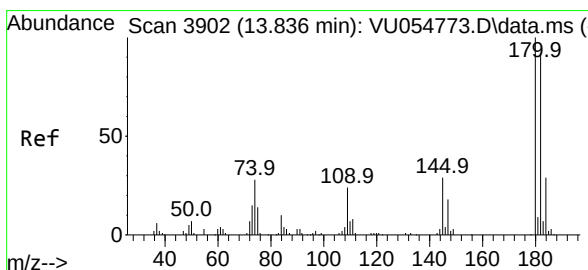
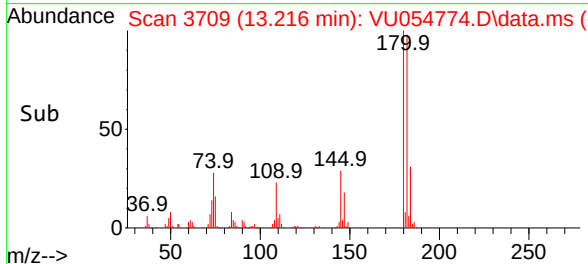
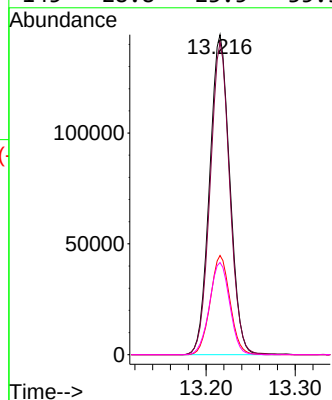
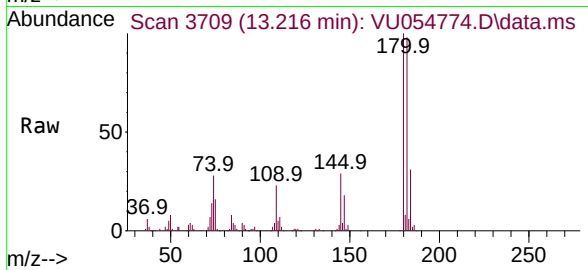
Ion Ratio Lower Upper

180 100

182 95.2 74.6 111.8

184 30.3 24.9 37.3

145 28.8 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 11.102 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU054774.D

Acq: 07 Jul 2023 10:23

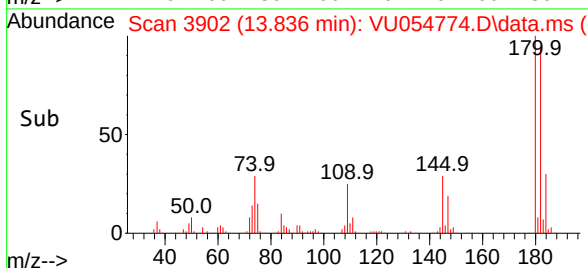
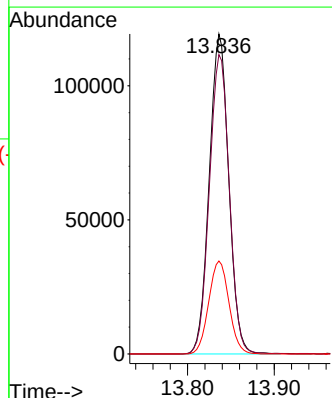
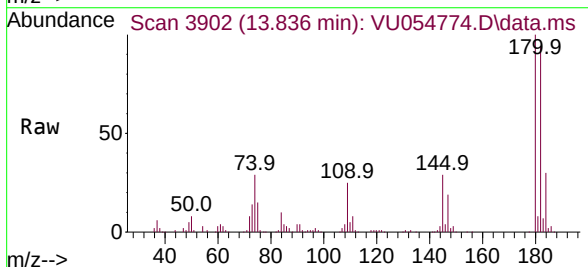
Tgt Ion:180 Resp: 186707

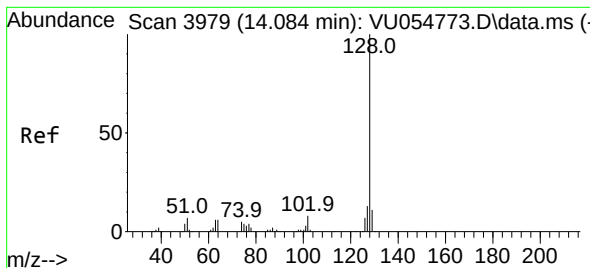
Ion Ratio Lower Upper

180 100

182 95.6 76.5 114.7

145 30.1 23.4 35.2





#71

Naphthalene

Concen: 11.564 ug/L

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU054774.D

Acq: 07 Jul 2023 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD010040

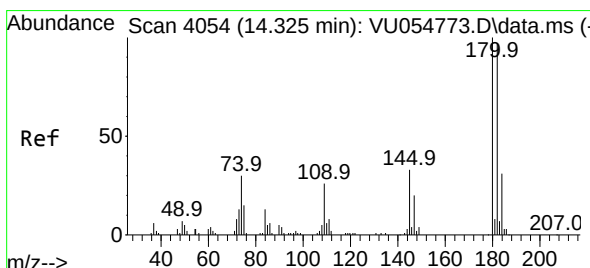
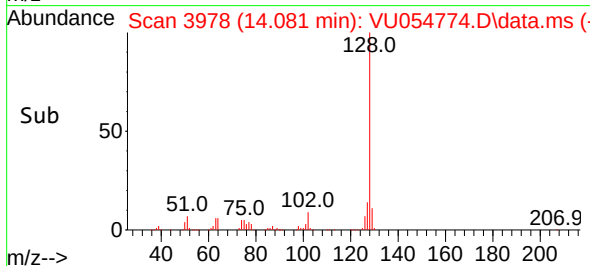
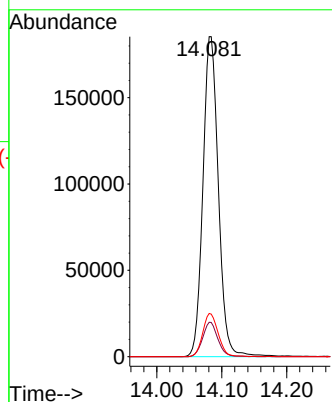
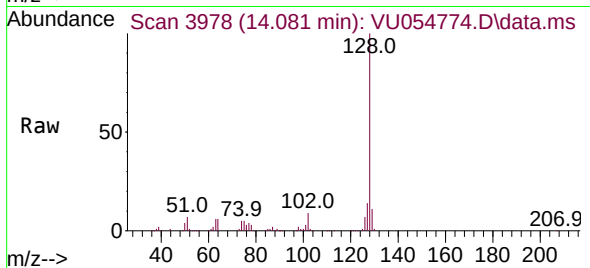
Tgt Ion:128 Resp: 307099

Ion Ratio Lower Upper

128 100

129 10.6 8.3 12.5

127 13.5 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 11.497 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU054774.D

Acq: 07 Jul 2023 10:23

Tgt Ion:180 Resp: 172881

Ion Ratio Lower Upper

180 100

182 94.7 76.9 115.3

145 31.2 25.4 38.0

