

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070723\
 Data File : VU054771.D
 Acq On : 07 Jul 2023 09:09
 Operator : MD/SY
 Sample : VSTD0.537
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5037

Quant Time: Jul 08 07:40:23 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	252696	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	244392	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	117041	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	8137	0.427	ug/L	0.00
7) Chloroethane-d5	1.911	69	6786	0.425	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.567	65	3249	0.417	ug/L	0.00
20) 2-Butanone-d5	4.647	46	17129	3.953	ug/L	0.02
24) Chloroform-d	5.062	84	13883	0.409	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.705	65	7249	0.408	ug/L	0.00
32) Benzene-d6	5.724	84	25725	0.397	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.692	67	8447	0.411	ug/L	0.00
41) Toluene-d8	7.898	98	22615	0.374	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	3173	0.383	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	10521	3.317	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.756	84	6421	0.387	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	8648	0.424	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	9021	0.460	ug/L	100
3) Chloromethane	1.518	50	10915	0.498	ug/L	100
5) Vinyl chloride	1.602	62	9835	0.462	ug/L	98
6) Bromomethane	1.856	94	6236	0.482	ug/L	99
8) Chloroethane	1.930	64	5633	0.462	ug/L	91
9) Trichlorofluoromethane	2.132	101	12028	0.433	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	6427	0.463	ug/L	98
12) 1,1-Dichloroethene	2.573	96	5756	0.445	ug/L	98
13) Acetone	2.640	43	10619	4.692	ug/L	98
14) Carbon disulfide	2.788	76	19668	0.452	ug/L	100
15) Methyl Acetate	2.952	43	2682	0.479	ug/L	95
16) Methylene chloride	3.042	84	13077	0.683	ug/L	96
17) Methyl tert-butyl Ether	3.364	73	13017	0.427	ug/L	95
18) trans-1,2-Dichloroethene	3.348	96	5850	0.439	ug/L	84
19) 1,1-Dichloroethane	3.866	63	11628	0.451	ug/L	88
21) 2-Butanone	4.718	43	12390	3.633	ug/L	86
22) cis-1,2-Dichloroethene	4.669	96	6321	0.436	ug/L	91
23) Bromochloromethane	4.972	128	2727	0.423	ug/L	85
25) Chloroform	5.087	83	12980	0.480	ug/L	85
27) 1,2-Dichloroethane	5.791	62	7696	0.440	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	10346	0.439	ug/L	98
30) Cyclohexane	5.380	56	8426	0.402	ug/L	98
31) Carbon tetrachloride	5.521	117	9377	0.443	ug/L	98
33) Benzene	5.772	78	22831	0.415	ug/L	100
34) Trichloroethene	6.541	95	7202	0.468	ug/L	94
35) Methylcyclohexane	6.763	83	8408	0.390	ug/L	95
37) 1,2-Dichloropropane	6.788	63	6094	0.422	ug/L #	98
38) Bromodichloromethane	7.103	83	8131	0.438	ug/L	97
39) cis-1,3-Dichloropropene	7.608	75	8729	0.404	ug/L	97
40) 4-Methyl-2-pentanone	7.791	43	32281	3.989	ug/L	99
42) Toluene	7.965	91	23112	0.396	ug/L	100
44) trans-1,3-Dichloropropene	8.213	75	7252	0.388	ug/L	90

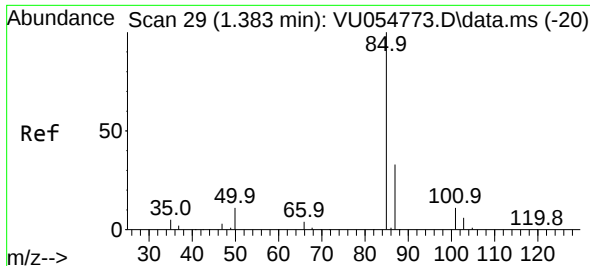
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070723\
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.399	97	4059	0.393	ug/L	91
47) Tetrachloroethene	8.553	164	6005	0.481	ug/L	96
48) 2-Hexanone	8.688	43	22084	3.790	ug/L	97
49) Dibromochloromethane	8.807	129	5120	0.425	ug/L	94
50) 1,2-Dibromoethane	8.923	107	4004	0.406	ug/L #	92
51) Chlorobenzene	9.444	112	16338	0.437	ug/L	96
52) Ethylbenzene	9.569	91	25118	0.402	ug/L	100
53) m,p-Xylene	9.695	106	9124	0.383	ug/L	86
54) o-Xylene	10.100	106	7943	0.357	ug/L	95
55) Styrene	10.116	104	13177	0.350	ug/L	89
57) 1,1,2,2-Tetrachloroethane	10.778	83	5470	0.434	ug/L	97
59) Bromoform	10.293	173	3177	0.464	ug/L #	96
60) Isopropylbenzene	10.483	105	21427	0.395	ug/L	97
61) 1,2,3-Trichloropropane	10.820	75	3793	0.445	ug/L #	93
62) 1,3,5-Trimethylbenzene	11.087	105	17826	0.396	ug/L	97
63) 1,2,4-Trimethylbenzene	11.467	105	16233	0.377	ug/L	97
64) 1,3-Dichlorobenzene	11.746	146	12548	0.459	ug/L	93
65) 1,4-Dichlorobenzene	11.833	146	11941	0.438	ug/L	94
67) 1,2-Dichlorobenzene	12.209	146	11073	0.441	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.997	75	987	0.476	ug/L	90
69) 1,3,5-Trichlorobenzene	13.219	180	8673	0.424	ug/L	96
70) 1,2,4-trichlorobenzene	13.839	180	6488	0.395	ug/L	96
71) Naphthalene	14.090	128	9377	0.362	ug/L	97
72) 1,2,3-Trichlorobenzene	14.331	180	5406	0.368	ug/L	92

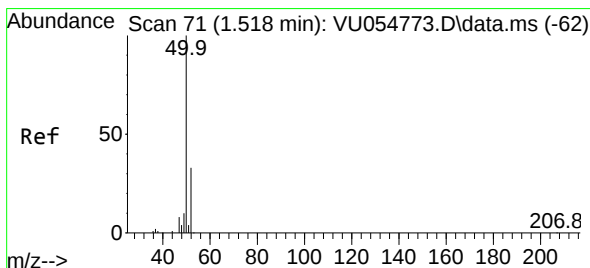
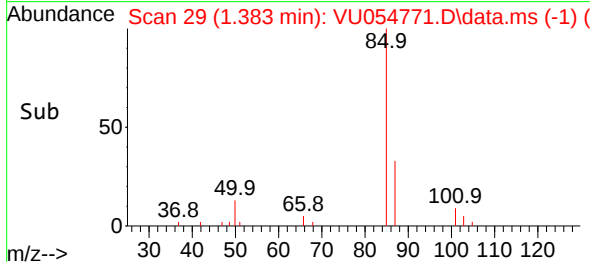
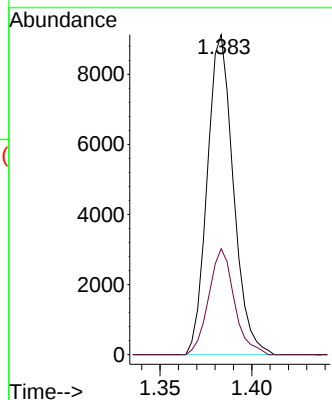
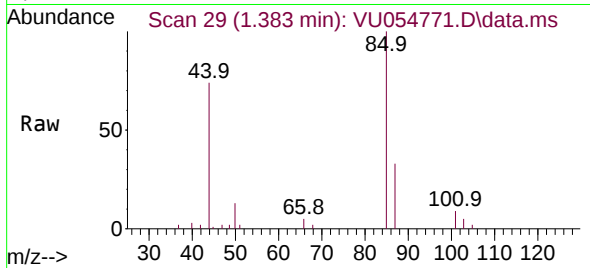
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#2
Dichlorodifluoromethane
Concen: 0.460 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

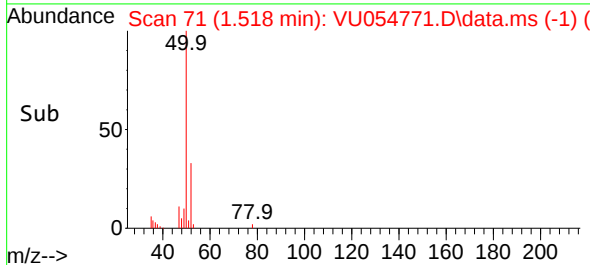
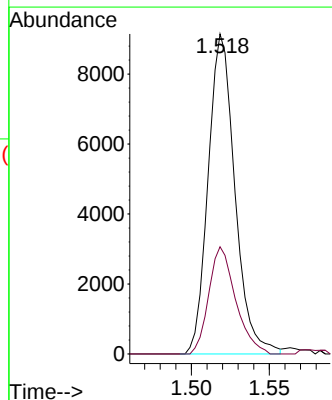
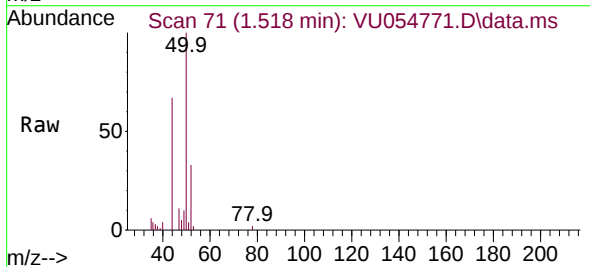
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5037

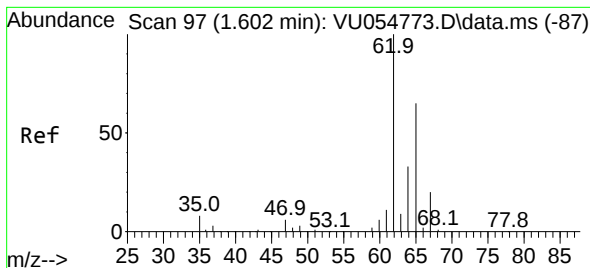
Tgt Ion: 85 Resp: 9021
Ion Ratio Lower Upper
85 100
87 32.4 26.2 39.2



#3
Chloromethane
Concen: 0.498 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

Tgt Ion: 50 Resp: 10915
Ion Ratio Lower Upper
50 100
52 33.5 23.4 43.6





#5

Vinyl chloride

Concen: 0.462 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU054771.D

Acq: 07 Jul 2023 09:09

Instrument :

MSVOA_U

ClientSampleId :

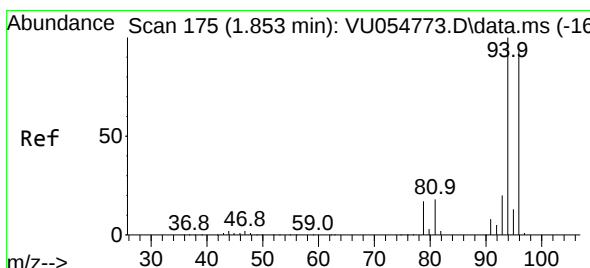
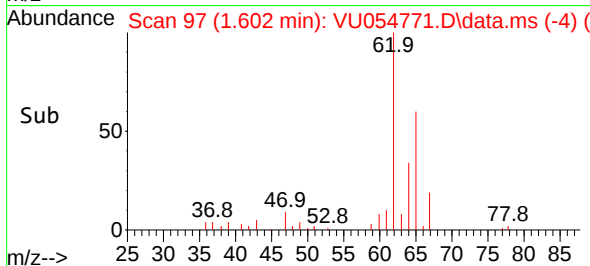
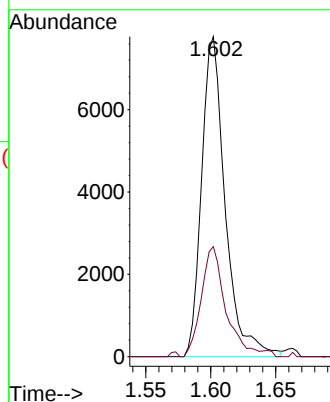
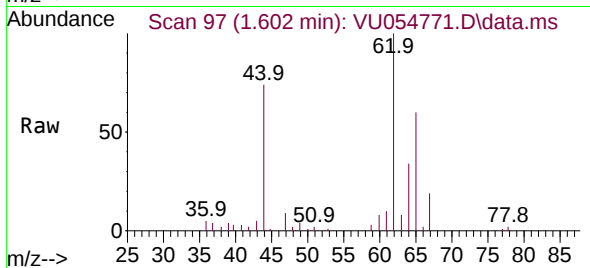
VSTD0.5037

Tgt Ion: 62 Resp: 9835

Ion Ratio Lower Upper

62 100

64 34.4 23.2 43.0



#6

Bromomethane

Concen: 0.482 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.003 min

Lab File: VU054771.D

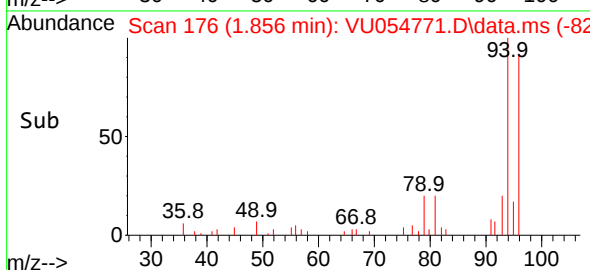
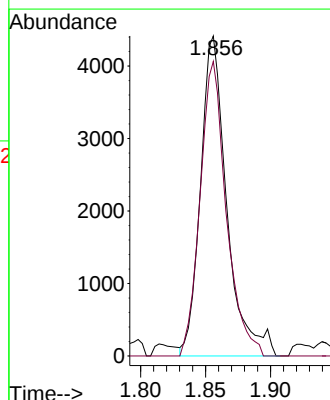
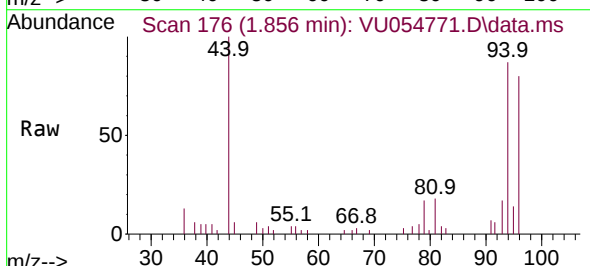
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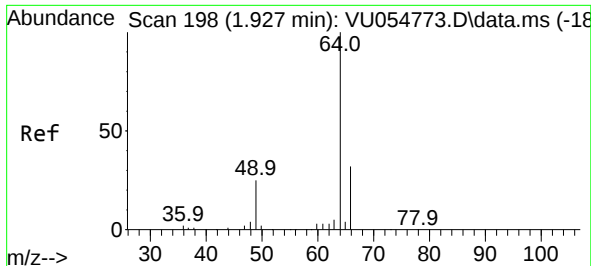
Tgt Ion: 94 Resp: 6236

Ion Ratio Lower Upper

94 100

96 92.0 65.0 120.6





#8

Chloroethane

Concen: 0.462 ug/L

RT: 1.930 min Scan# 198

Delta R.T. 0.003 min

Lab File: VU054771.D

Acq: 07 Jul 2023 09:09

Instrument :

MSVOA_U

ClientSampleId :

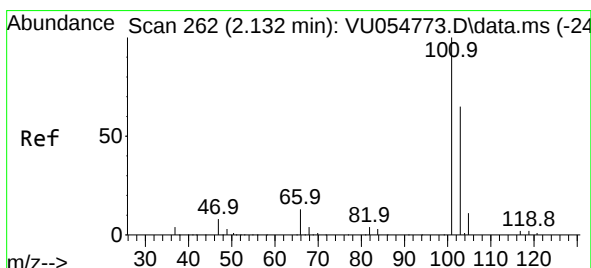
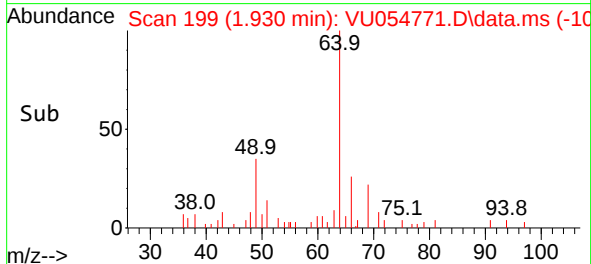
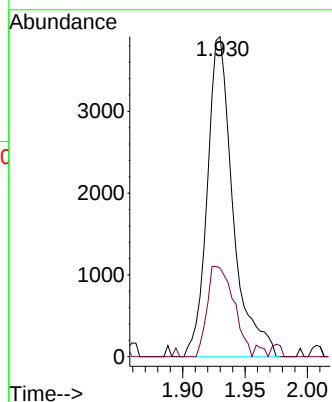
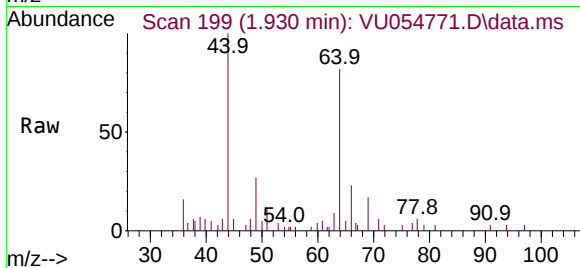
VSTD0.5037

Tgt Ion: 64 Resp: 5633

Ion Ratio Lower Upper

64 100

66 27.8 23.0 42.8



#9

Trichlorofluoromethane

Concen: 0.433 ug/L

RT: 2.132 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU054771.D

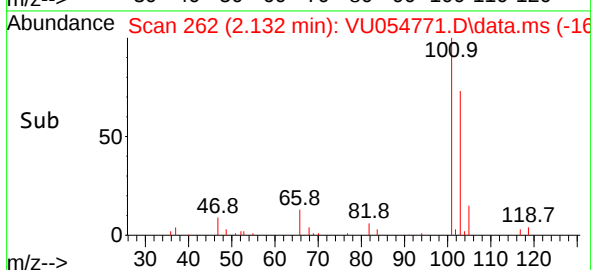
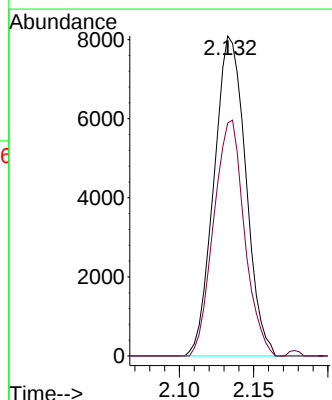
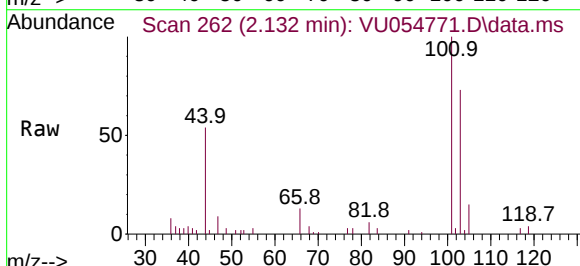
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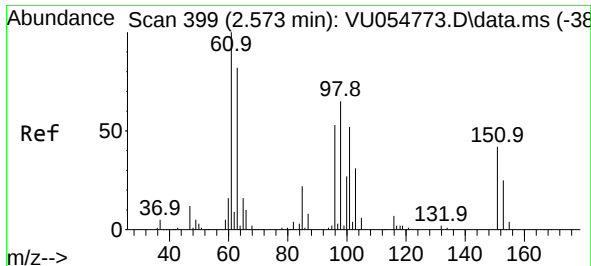
Tgt Ion:101 Resp: 12028

Ion Ratio Lower Upper

101 100

103 71.3 51.8 77.8

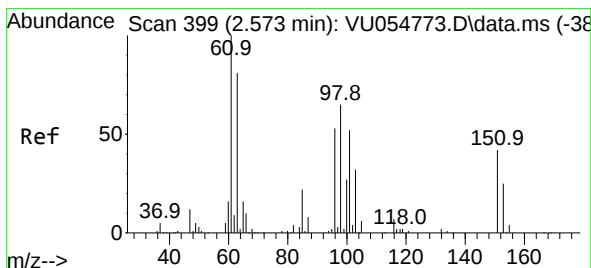
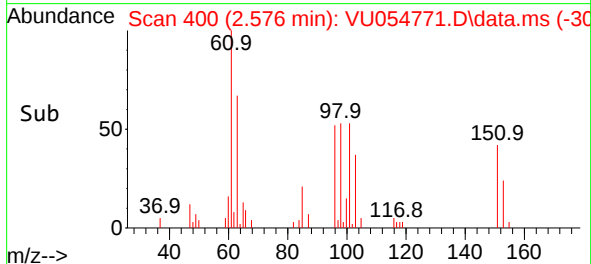
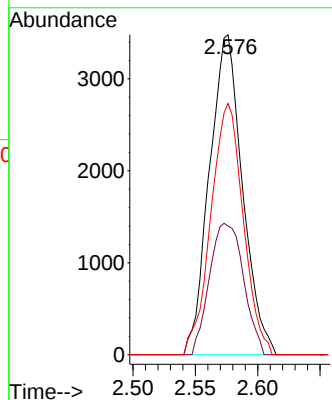
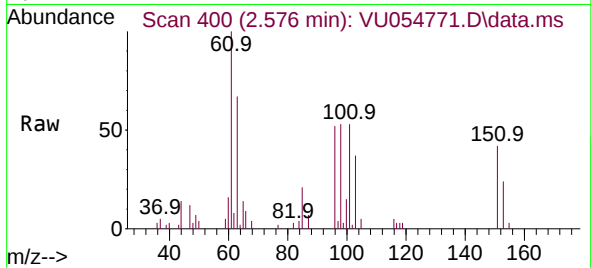




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.463 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

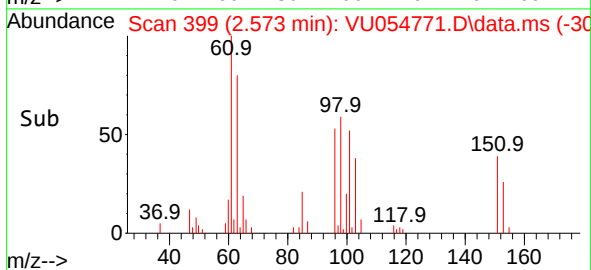
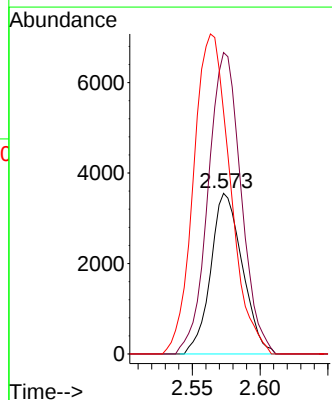
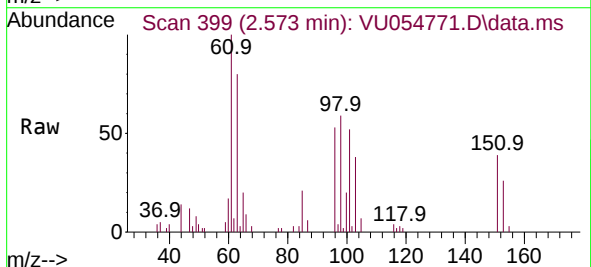
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5037

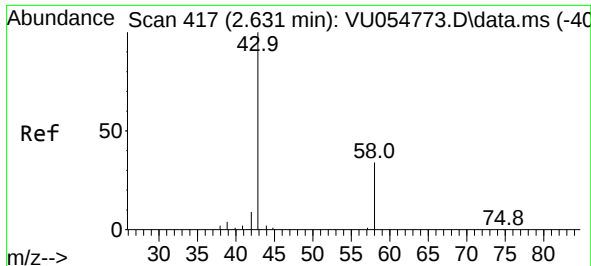
Tgt Ion:101 Resp: 6427
Ion Ratio Lower Upper
101 100
85 42.3 34.5 51.7
151 76.8 63.5 95.3



#12
1,1-Dichloroethene
Concen: 0.445 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

Tgt Ion: 96 Resp: 5756
Ion Ratio Lower Upper
96 100
61 187.6 131.8 244.8
63 150.6 109.8 204.0





#13

Acetone

Concen: 4.692 ug/L

RT: 2.640 min Scan# 417

Delta R.T. 0.010 min

Lab File: VU054771.D

Acq: 07 Jul 2023 09:09

Instrument :

MSVOA_U

ClientSampleId :

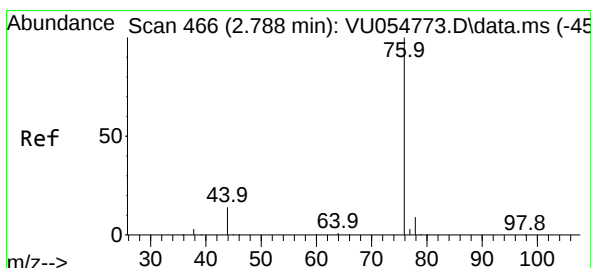
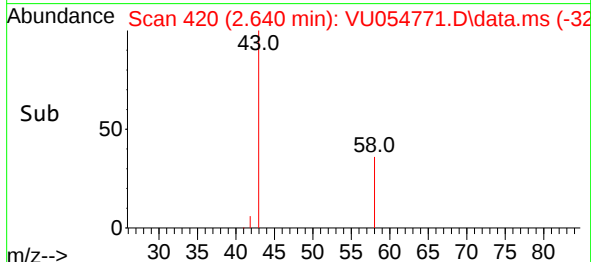
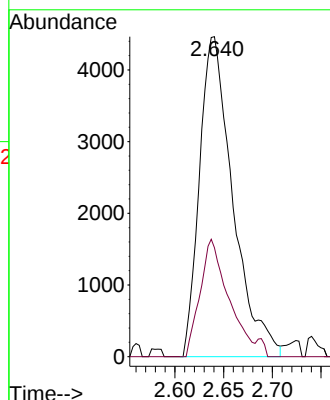
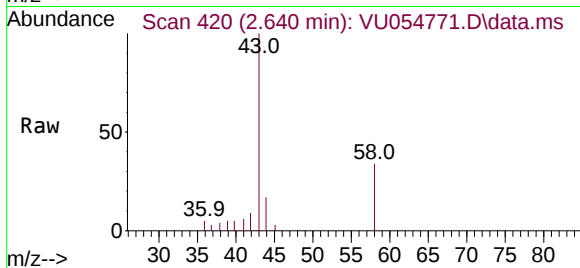
VSTD0.5037

Tgt Ion: 43 Resp: 10619

Ion Ratio Lower Upper

43 100

58 31.4 0.0 65.0



#14

Carbon disulfide

Concen: 0.452 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU054771.D

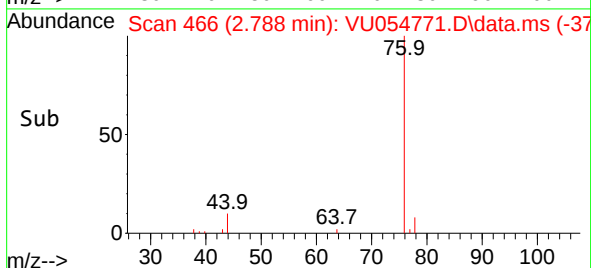
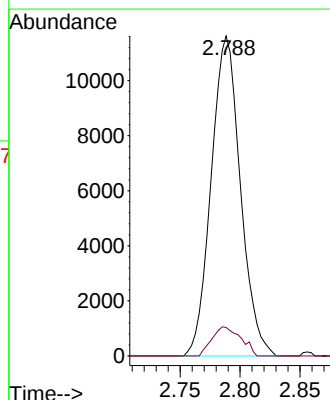
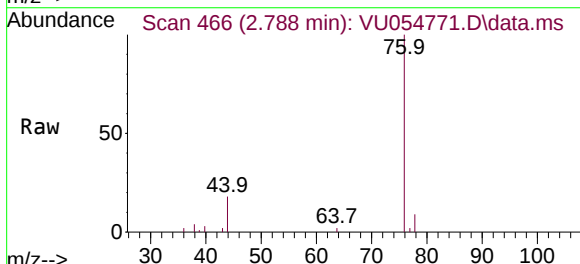
Acq: 07 Jul 2023 09:09

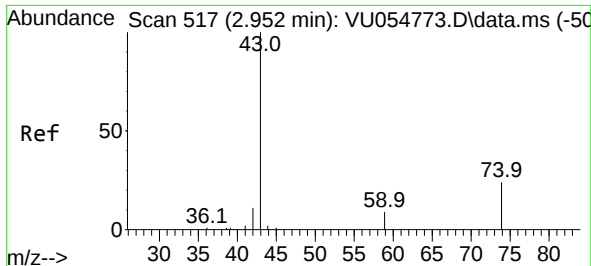
Tgt Ion: 76 Resp: 19668

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

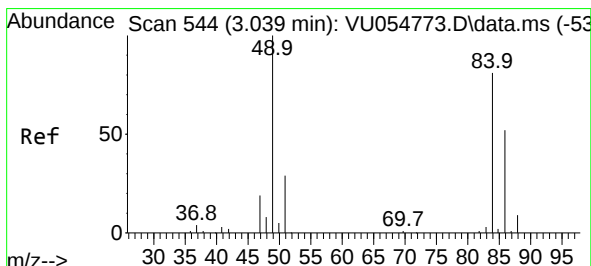
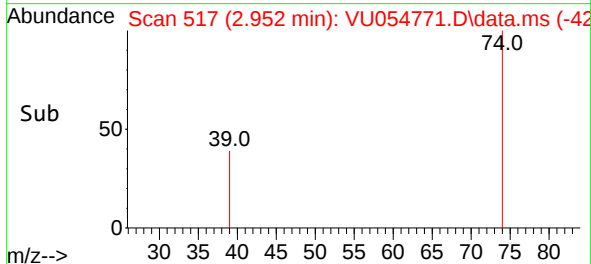
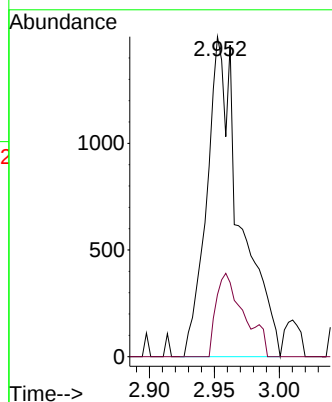
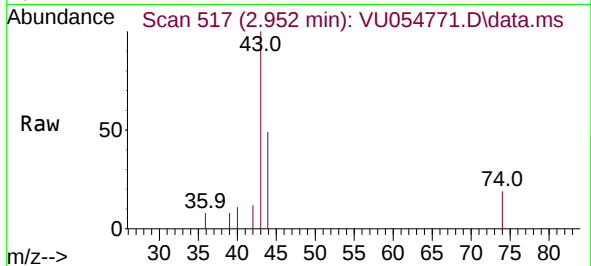




#15
Methyl Acetate
Concen: 0.479 ug/L
RT: 2.952 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

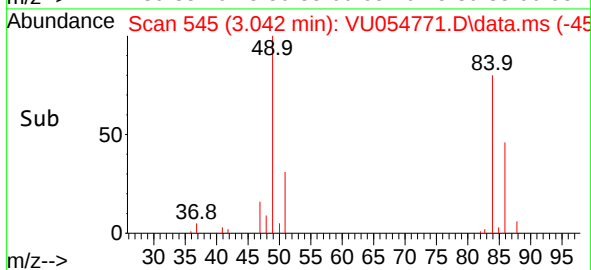
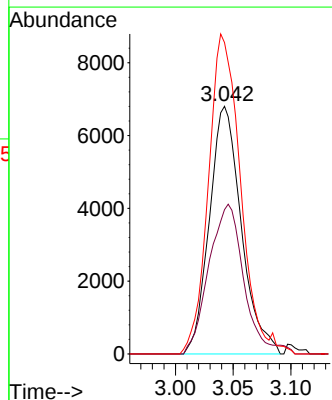
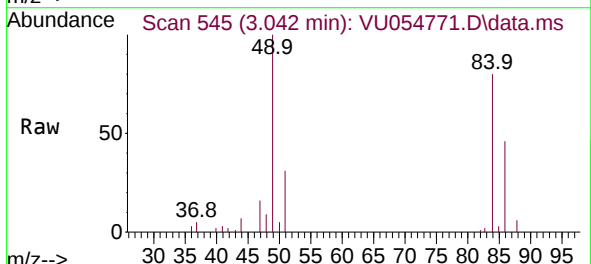
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ClientSampleId :
VSTD0.5037

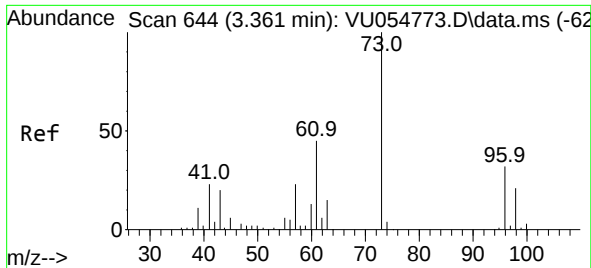
Tgt Ion: 43 Resp: 2682
Ion Ratio Lower Upper
43 100
74 21.6 19.2 28.8



#16
Methylene chloride
Concen: 0.683 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

Tgt Ion: 84 Resp: 13077
Ion Ratio Lower Upper
84 100
86 58.3 45.3 84.1
49 125.7 86.7 160.9

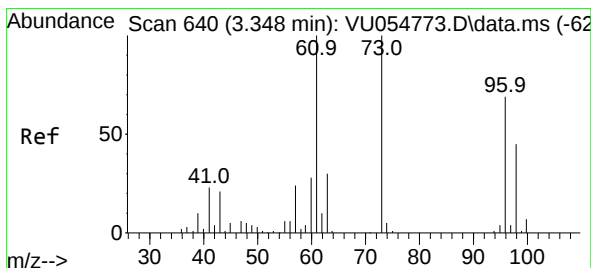
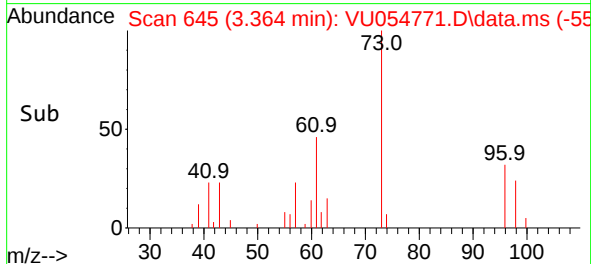
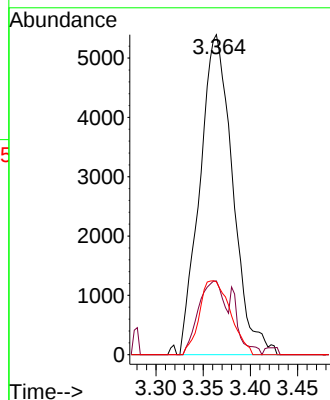
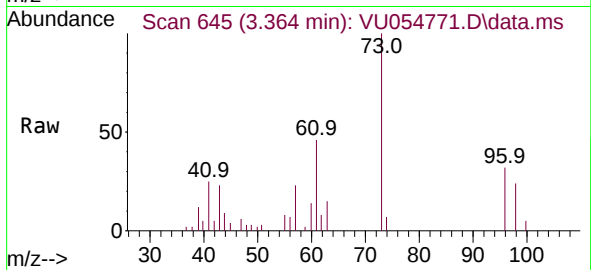




#17
Methyl tert-butyl Ether
Concen: 0.427 ug/L
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

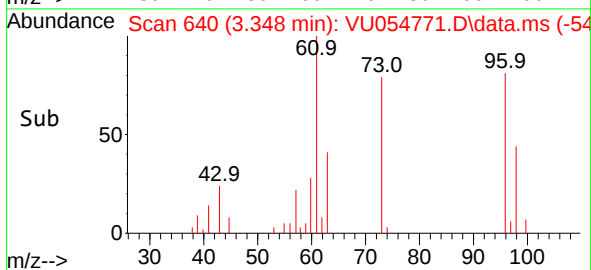
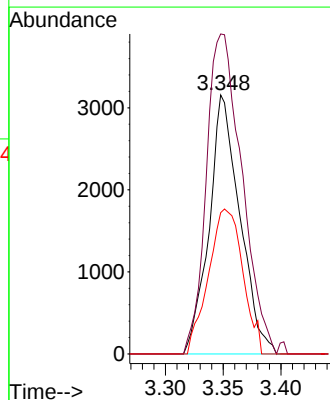
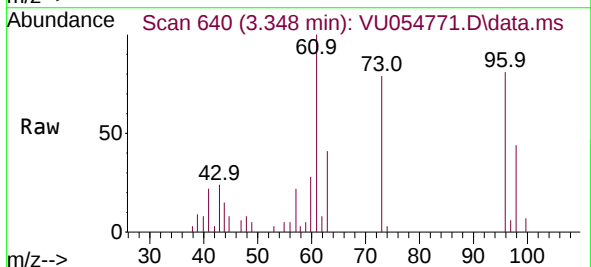
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5037

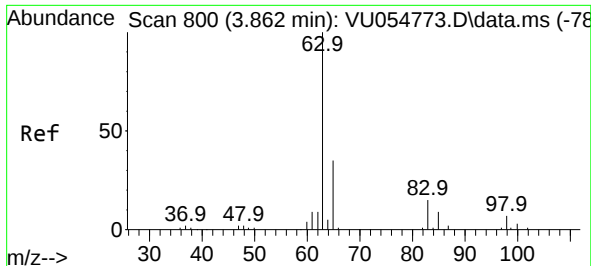
Tgt Ion: 73	Resp:	13017
Ion	Ratio	Lower Upper
73	100	
43	18.4	16.9 25.3
57	21.8	18.9 28.3



#18
trans-1,2-Dichloroethene
Concen: 0.439 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

Tgt Ion: 96	Resp:	5850
Ion	Ratio	Lower Upper
96	100	
61	123.5	101.6 188.6
98	54.5	45.6 84.6





#19

1,1-Dichloroethane

Concen: 0.451 ug/L

RT: 3.866 min Scan# 800

Delta R.T. 0.003 min

Lab File: VU054771.D

Acq: 07 Jul 2023 09:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5037

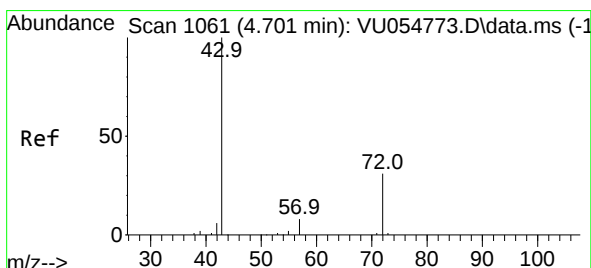
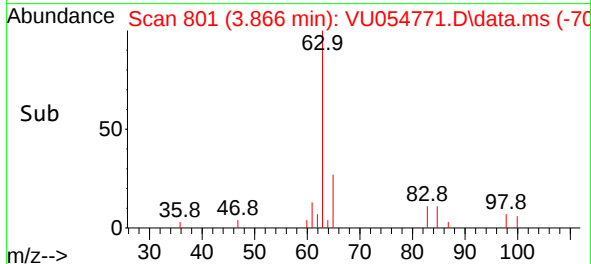
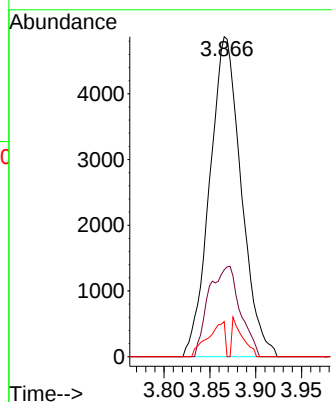
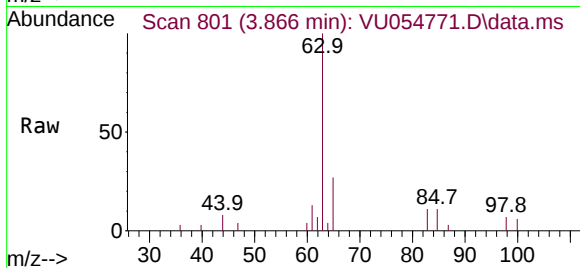
Tgt Ion: 63 Resp: 11628

Ion Ratio Lower Upper

63 100

65 27.2 24.2 45.0

83 11.0 10.4 19.2



#21

2-Butanone

Concen: 3.633 ug/L

RT: 4.718 min Scan# 1066

Delta R.T. 0.016 min

Lab File: VU054771.D

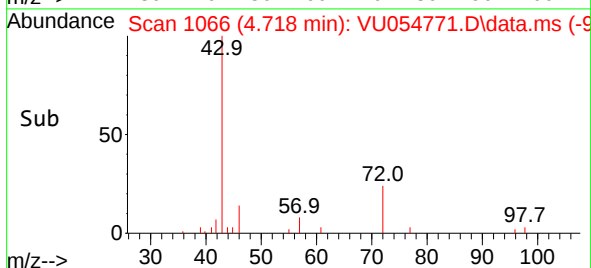
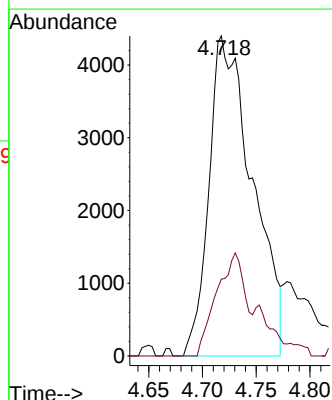
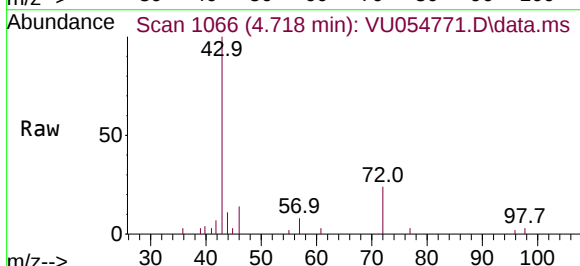
Acq: 07 Jul 2023 09:09

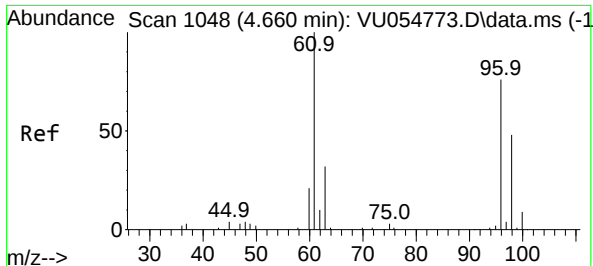
Tgt Ion: 43 Resp: 12390

Ion Ratio Lower Upper

43 100

72 21.4 14.4 43.4

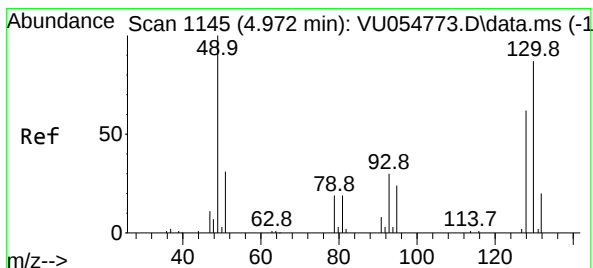
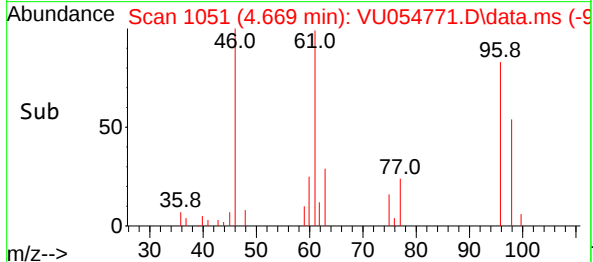
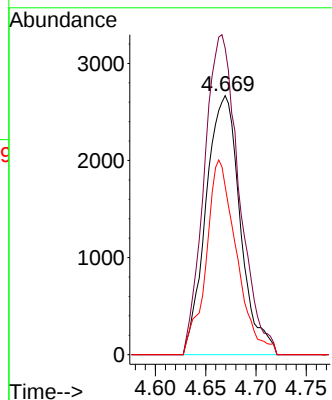
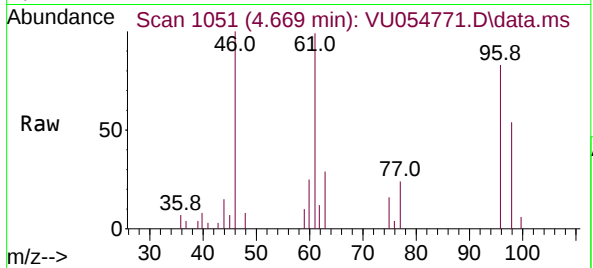




#22
 cis-1,2-Dichloroethene
 Concen: 0.436 ug/L
 RT: 4.669 min Scan# 1051
 Delta R.T. 0.010 min
 Lab File: VU054771.D
 Acq: 07 Jul 2023 09:09

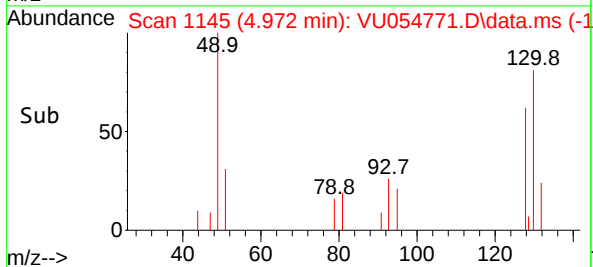
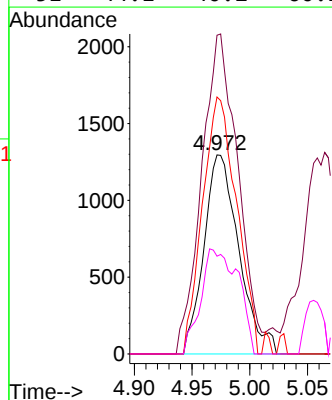
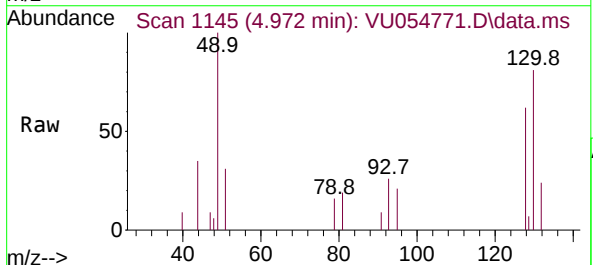
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5037

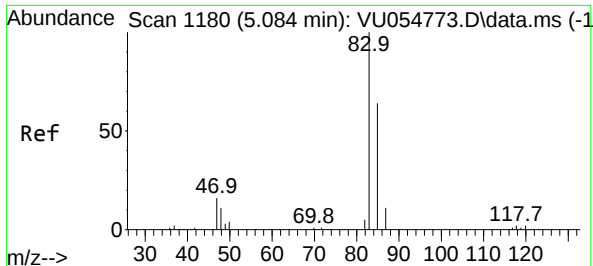
Tgt Ion: 96 Resp: 6321
 Ion Ratio Lower Upper
 96 100
 61 118.4 93.0 172.8
 98 65.1 44.0 81.8



#23
 Bromochloromethane
 Concen: 0.423 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VU054771.D
 Acq: 07 Jul 2023 09:09

Tgt Ion: 128 Resp: 2727
 Ion Ratio Lower Upper
 128 100
 49 143.8 113.5 210.7
 130 115.9 98.0 182.0
 51 44.1 40.2 60.2





#25

Chloroform

Concen: 0.480 ug/L

RT: 5.087 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU054771.D

Acq: 07 Jul 2023 09:09

Instrument :

MSVOA_U

ClientSampleId :

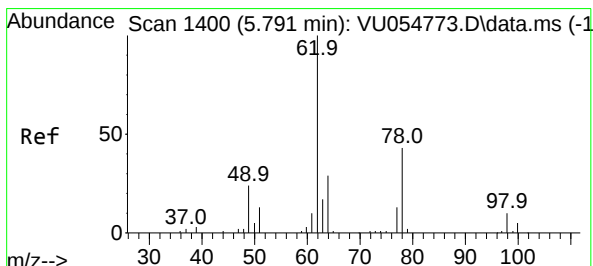
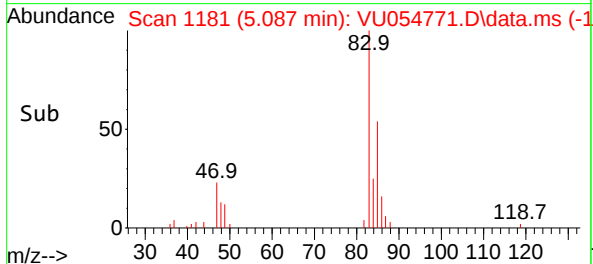
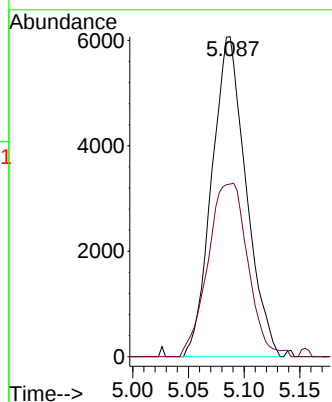
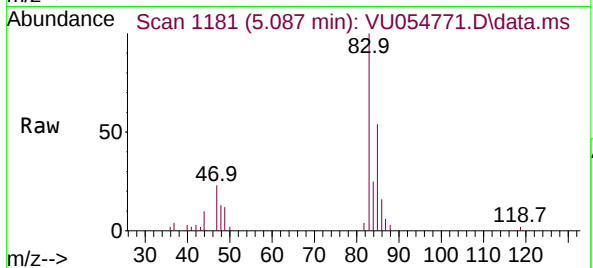
VSTD0.5037

Tgt Ion: 83 Resp: 12980

Ion Ratio Lower Upper

83 100

85 53.9 46.2 85.8



#27

1,2-Dichloroethane

Concen: 0.440 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. 0.000 min

Lab File: VU054771.D

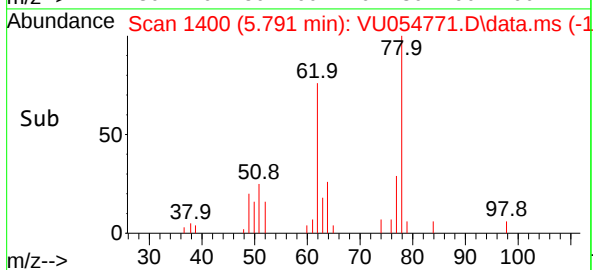
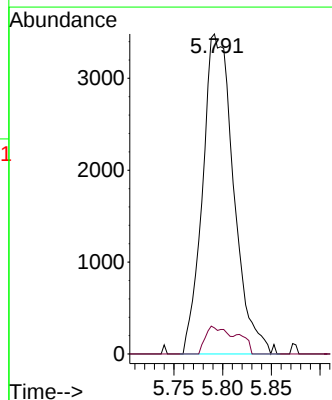
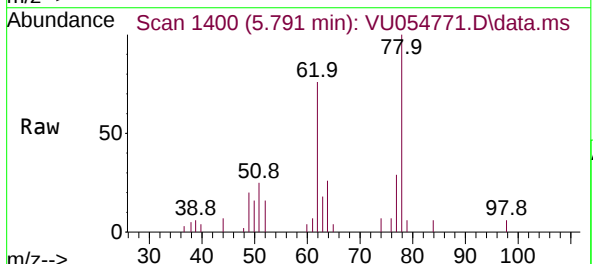
Acq: 07 Jul 2023 09:09

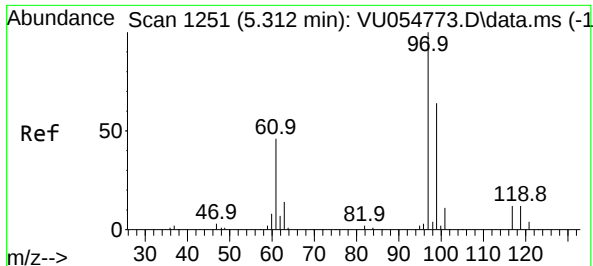
Tgt Ion: 62 Resp: 7696

Ion Ratio Lower Upper

62 100

98 8.2 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 0.439 ug/L

RT: 5.312 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054771.D

Acq: 07 Jul 2023 09:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5037

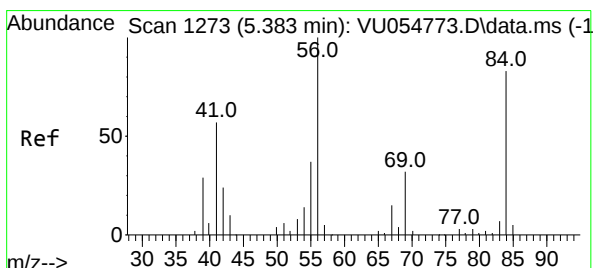
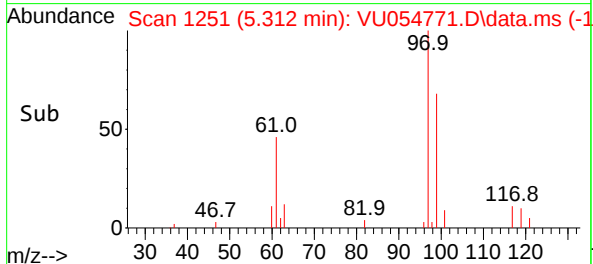
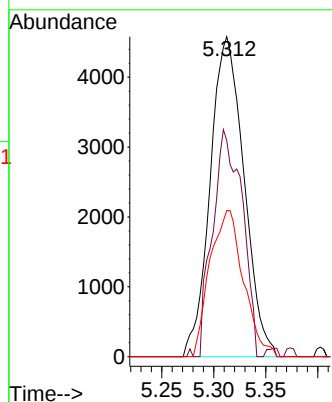
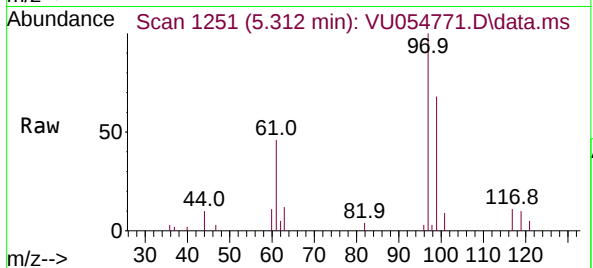
Tgt Ion: 97 Resp: 10346

Ion Ratio Lower Upper

97 100

99 62.4 51.7 77.5

61 45.5 37.0 55.4



#30

Cyclohexane

Concen: 0.402 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VU054771.D

Acq: 07 Jul 2023 09:09

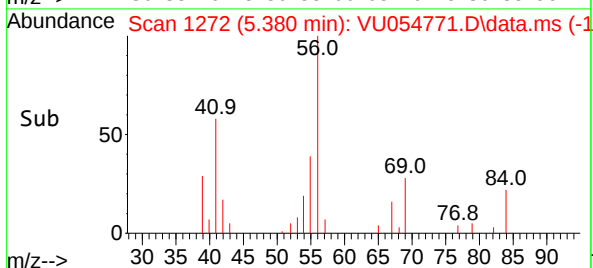
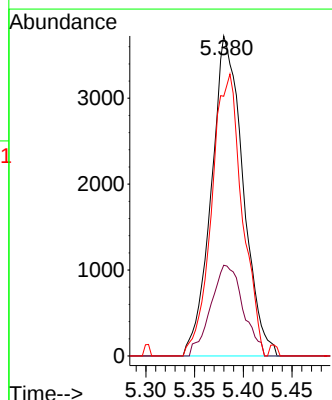
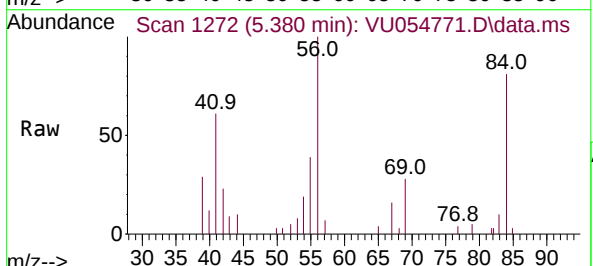
Tgt Ion: 56 Resp: 8426

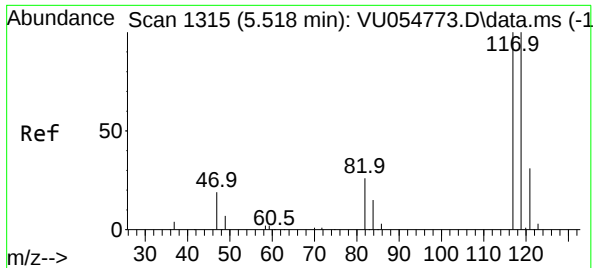
Ion Ratio Lower Upper

56 100

69 28.9 25.0 37.4

84 84.6 66.7 100.1

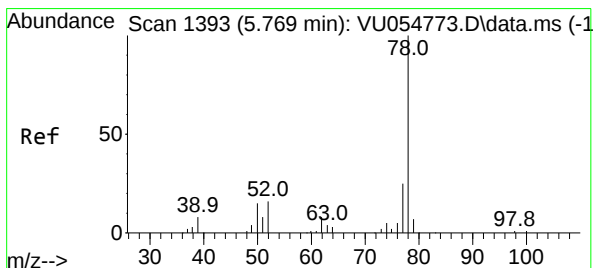
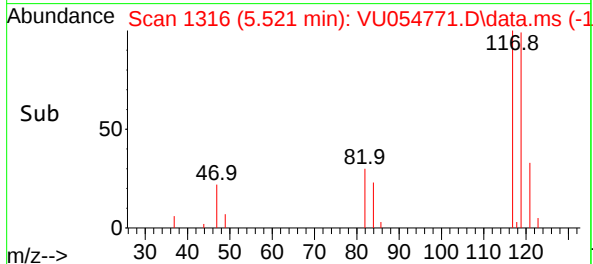
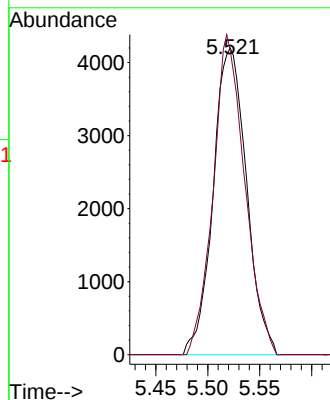
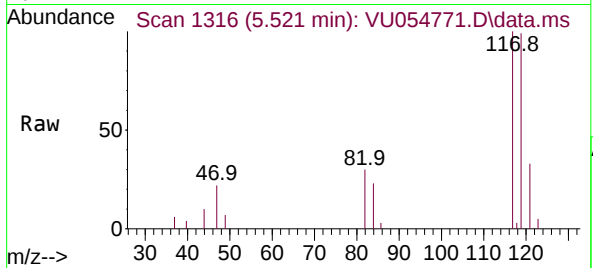




#31
Carbon tetrachloride
Concen: 0.443 ug/L
RT: 5.521 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

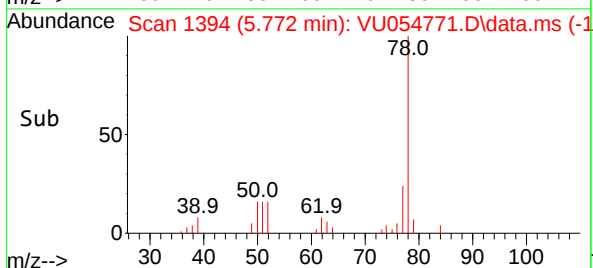
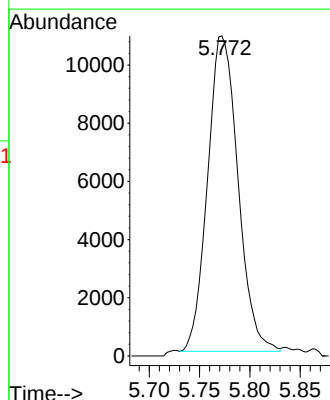
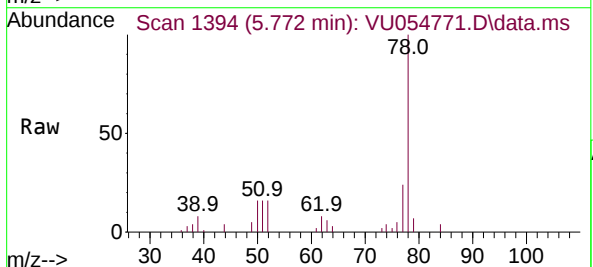
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5037

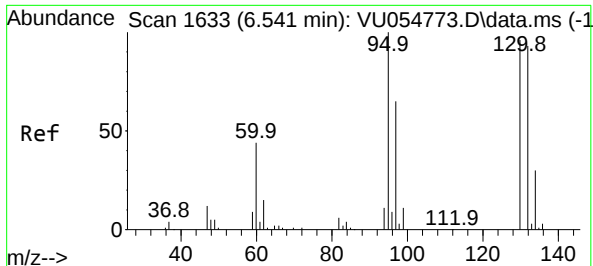
Tgt Ion:117 Resp: 9377
Ion Ratio Lower Upper
117 100
119 98.6 77.5 116.3



#33
Benzene
Concen: 0.415 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

Tgt Ion: 78 Resp: 22831



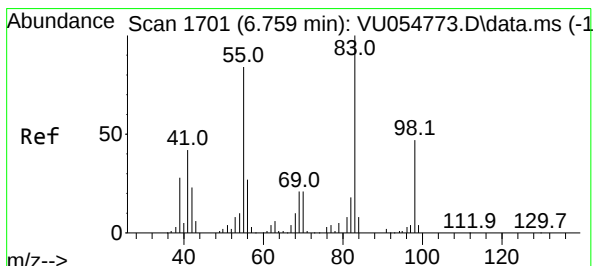
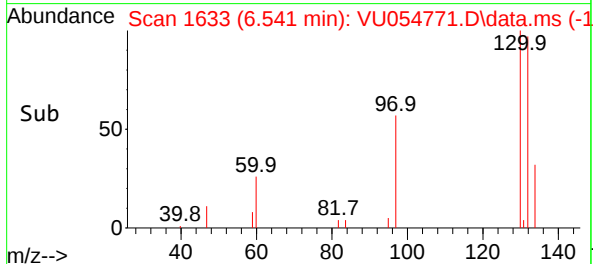
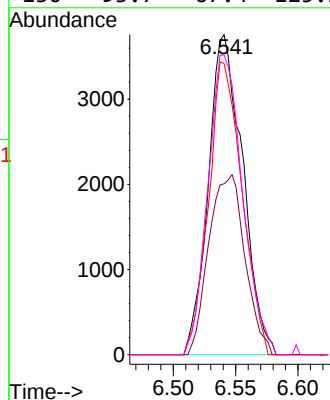
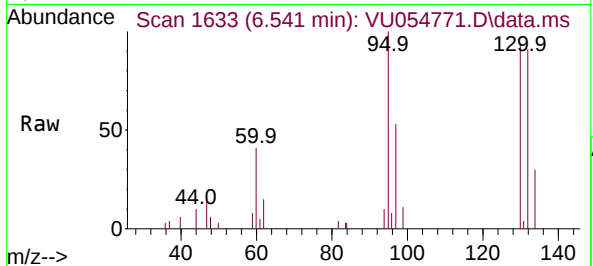


#34
Trichloroethene
Concen: 0.468 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5037

Tgt Ion: 95 Resp: 7202

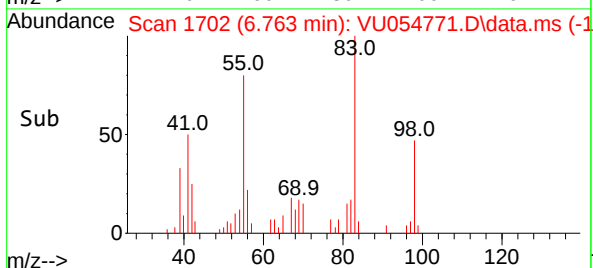
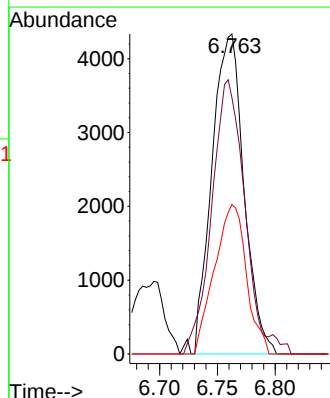
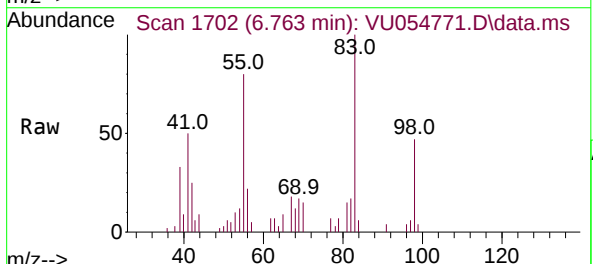
Ion	Ratio	Lower	Upper
95	100		
97	53.4	45.5	84.5
132	91.0	65.4	121.4
130	93.7	67.4	125.2

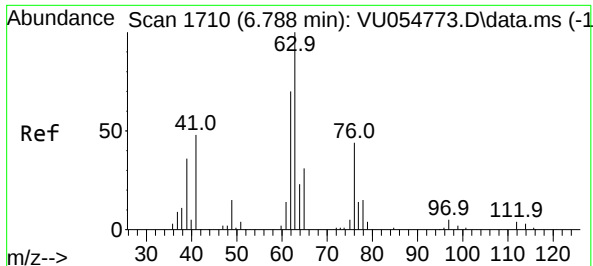


#35
Methylcyclohexane
Concen: 0.390 ug/L
RT: 6.763 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

Tgt Ion: 83 Resp: 8408

Ion	Ratio	Lower	Upper
83	100		
55	88.1	65.8	98.6
98	46.3	36.6	54.8





#37

1,2-Dichloropropane

Concen: 0.422 ug/L

RT: 6.788 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054771.D

Acq: 07 Jul 2023 09:09

Instrument :

MSVOA_U

ClientSampleId :

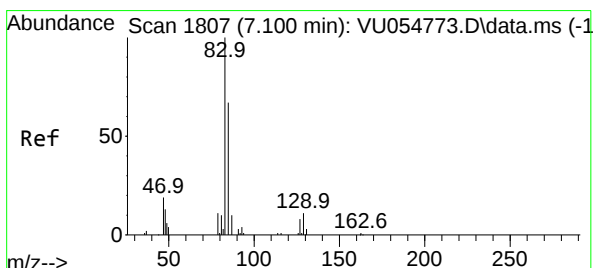
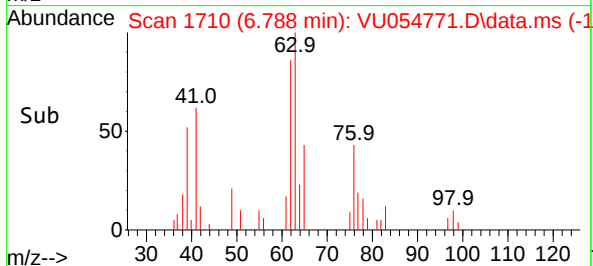
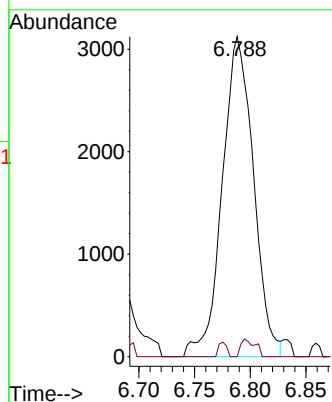
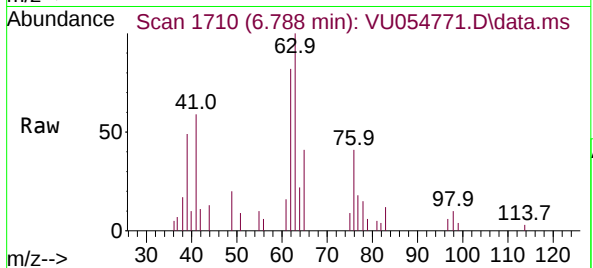
VSTD0.5037

Tgt Ion: 63 Resp: 6094

Ion Ratio Lower Upper

63 100

112 2.5 2.6 4.0#



#38

Bromodichloromethane

Concen: 0.438 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VU054771.D

Acq: 07 Jul 2023 09:09

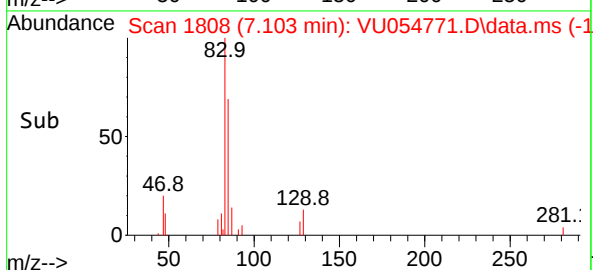
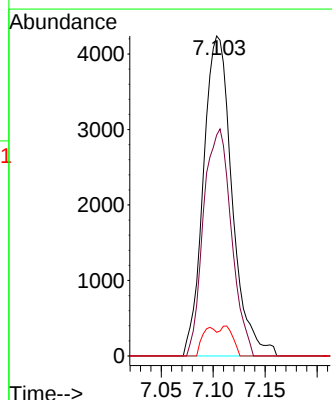
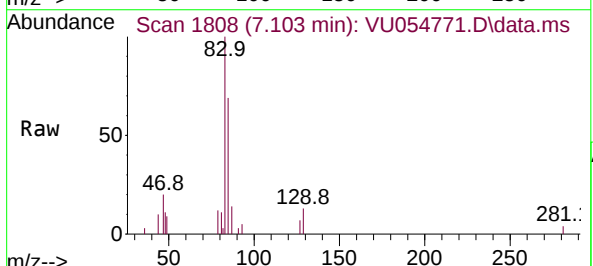
Tgt Ion: 83 Resp: 8131

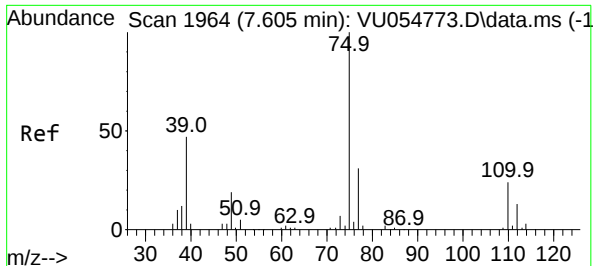
Ion Ratio Lower Upper

83 100

85 69.0 46.7 86.7

127 7.4 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 0.404 ug/L

RT: 7.608 min Scan# 1964

Delta R.T. 0.003 min

Lab File: VU054771.D

Acq: 07 Jul 2023 09:09

Instrument :

MSVOA_U

ClientSampleId :

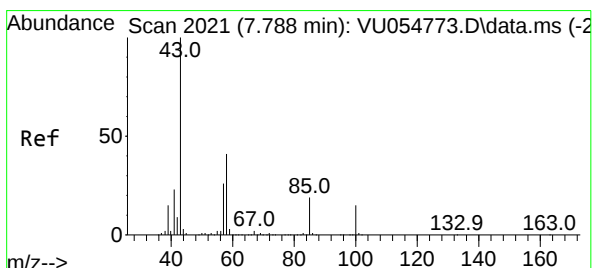
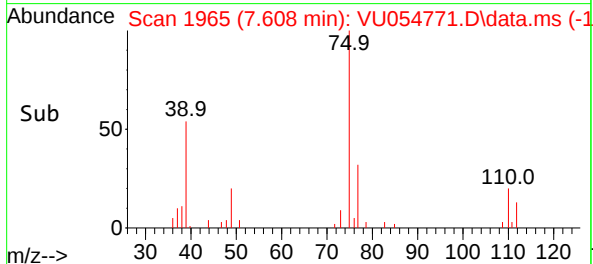
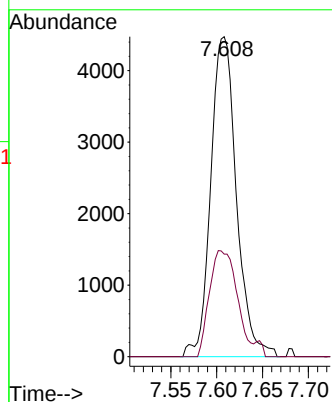
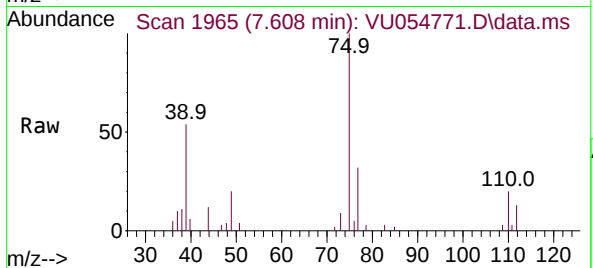
VSTD0.5037

Tgt Ion: 75 Resp: 8729

Ion Ratio Lower Upper

75 100

77 32.0 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 3.989 ug/L

RT: 7.791 min Scan# 2022

Delta R.T. 0.003 min

Lab File: VU054771.D

Acq: 07 Jul 2023 09:09

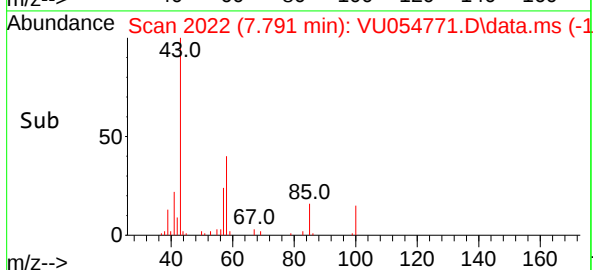
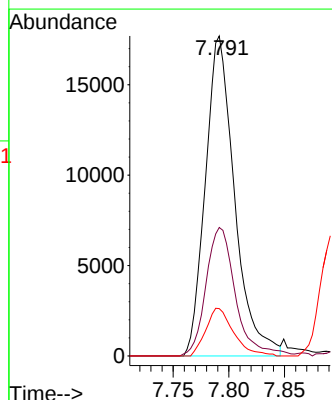
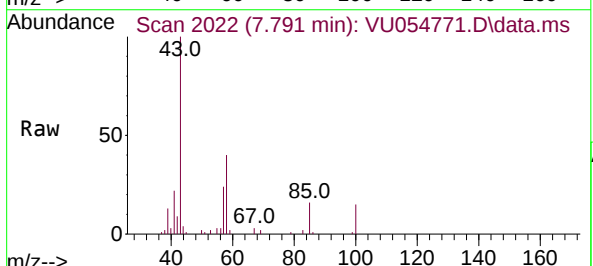
Tgt Ion: 43 Resp: 32281

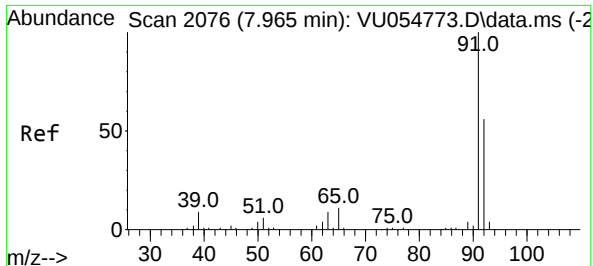
Ion Ratio Lower Upper

43 100

58 40.5 32.6 48.8

100 14.2 12.5 18.7





#42

Toluene

Concen: 0.396 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU054771.D

Acq: 07 Jul 2023 09:09

Instrument :

MSVOA_U

ClientSampleId :

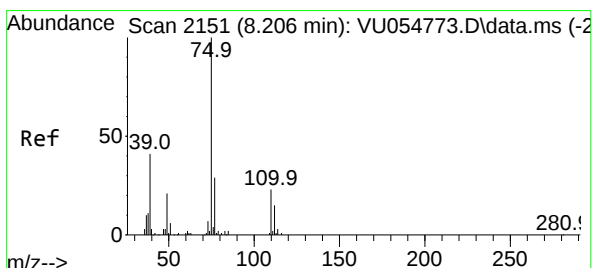
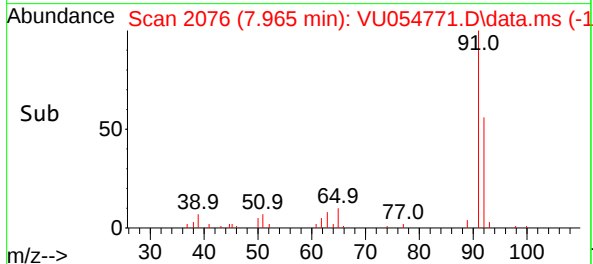
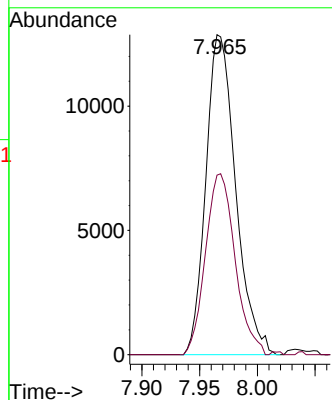
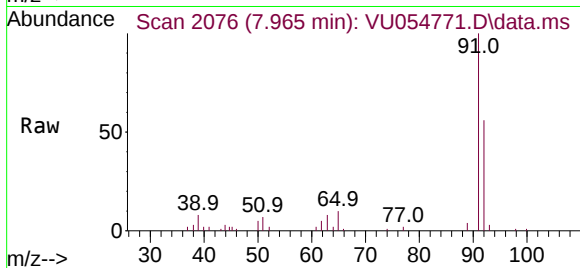
VSTD0.5037

Tgt Ion: 91 Resp: 23112

Ion Ratio Lower Upper

91 100

92 56.1 39.1 72.5



#44

trans-1,3-Dichloropropene

Concen: 0.388 ug/L

RT: 8.213 min Scan# 2153

Delta R.T. 0.007 min

Lab File: VU054771.D

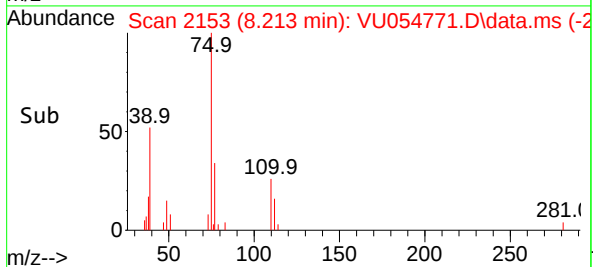
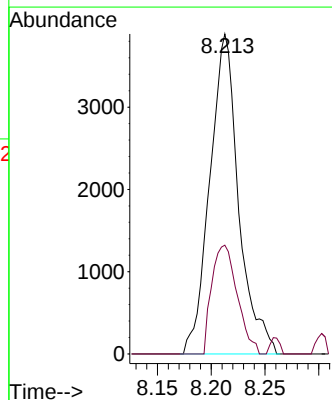
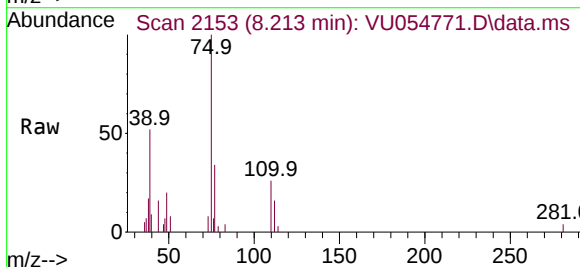
Acq: 07 Jul 2023 09:09

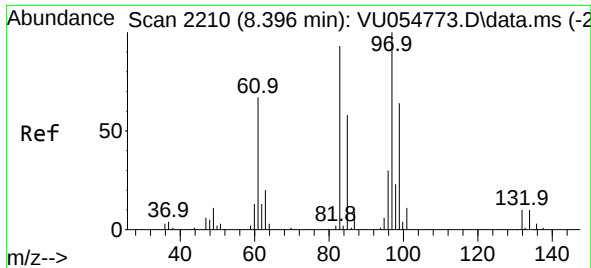
Tgt Ion: 75 Resp: 7252

Ion Ratio Lower Upper

75 100

77 34.0 20.2 37.6

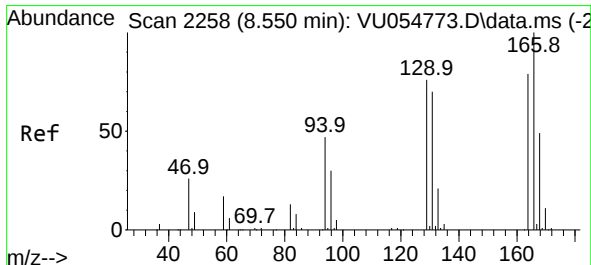
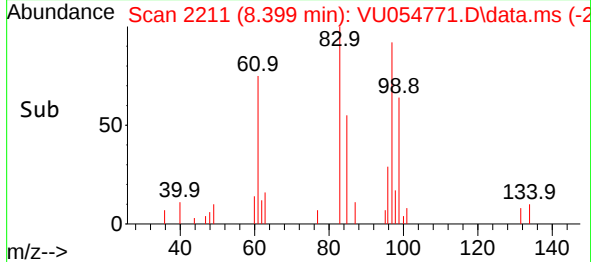
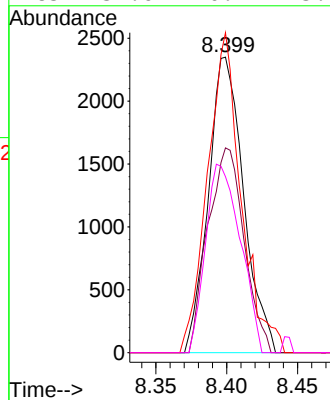
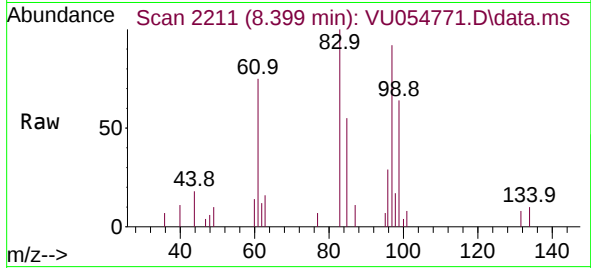




#45
1,1,2-Trichloroethane
Concen: 0.393 ug/L
RT: 8.399 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

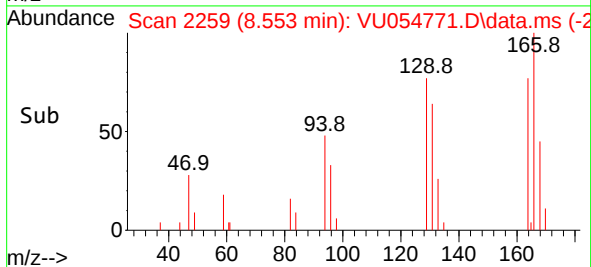
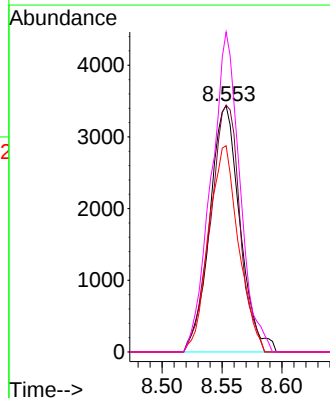
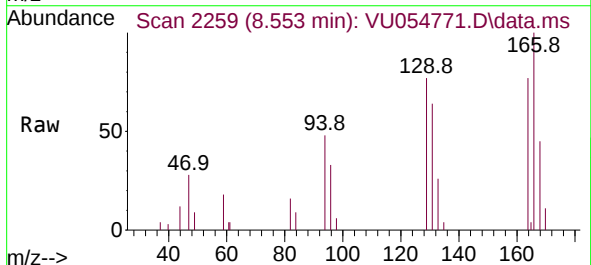
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5037

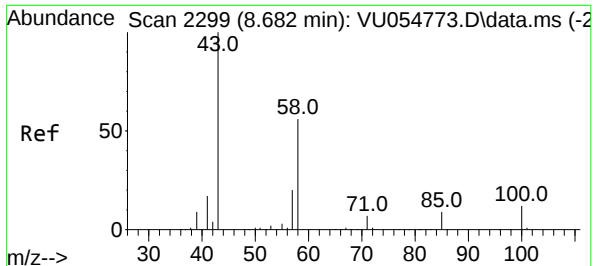
Tgt Ion: 97	Resp: 4059
Ion Ratio	Lower Upper
97 100	
99 69.3	44.7 83.1
83 108.3	65.2 121.0
85 59.6	40.9 75.9



#47
Tetrachloroethene
Concen: 0.481 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

Tgt	Ion:164	Resp:	6005
Ion	Ratio	Lower	Upper
164	100		
129	100.3	66.6	123.8
131	83.8	61.5	114.3
166	130.0	88.3	163.9

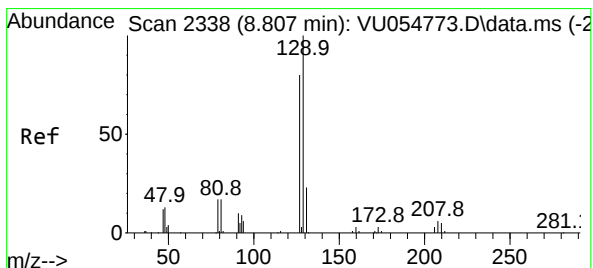
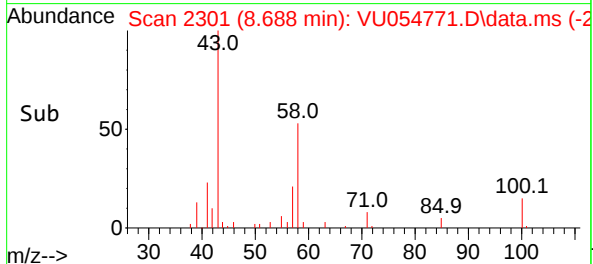
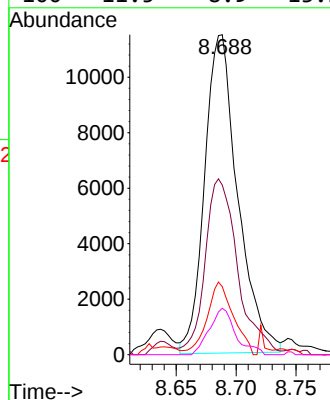
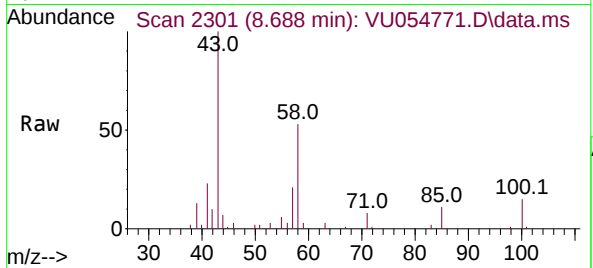




#48
2-Hexanone
Concen: 3.790 ug/L
RT: 8.688 min Scan# 2111
Delta R.T. 0.007 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

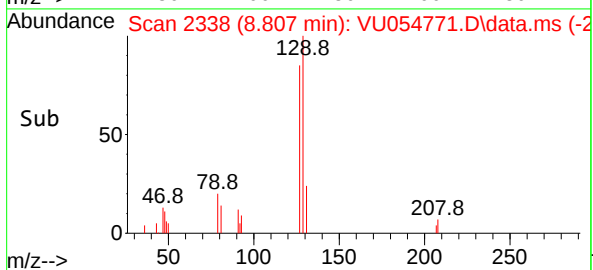
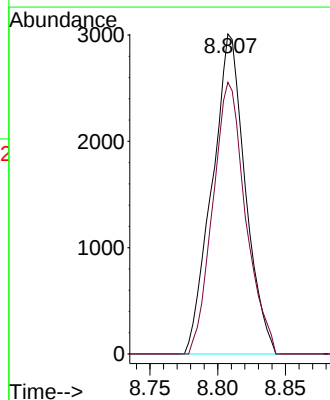
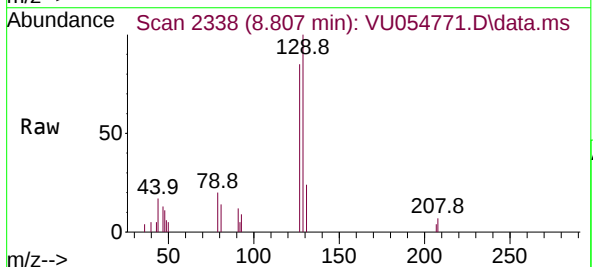
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5037

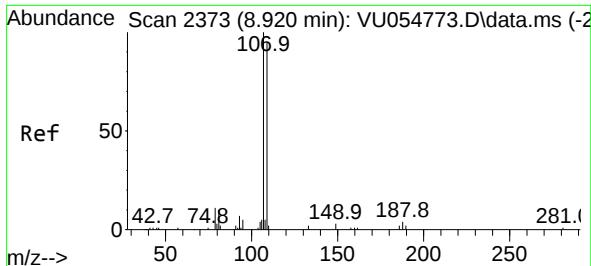
Tgt Ion:	43	Resp:	22084
Ion	Ratio	Lower	Upper
43	100		
58	54.4	45.2	67.8
57	18.1	15.7	23.5
100	11.5	8.9	13.3



#49
Dibromochloromethane
Concen: 0.425 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

Tgt Ion:	129	Resp:	5120
Ion	Ratio	Lower	Upper
129	100		
127	84.9	55.6	103.4





#50

1,2-Dibromoethane

Concen: 0.406 ug/L

RT: 8.923 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054771.D

Acq: 07 Jul 2023 09:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5037

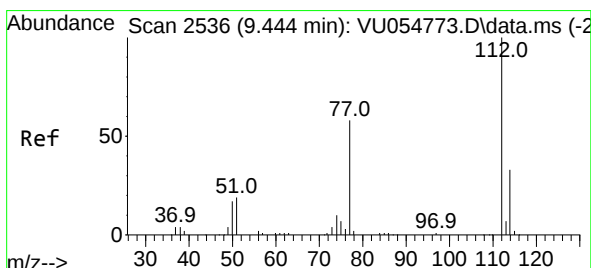
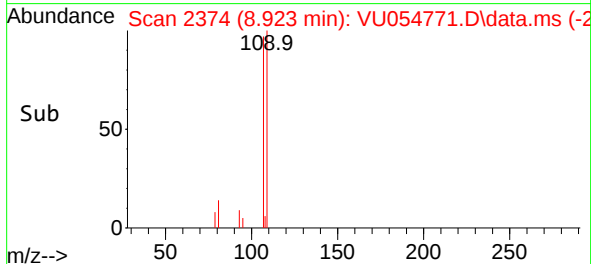
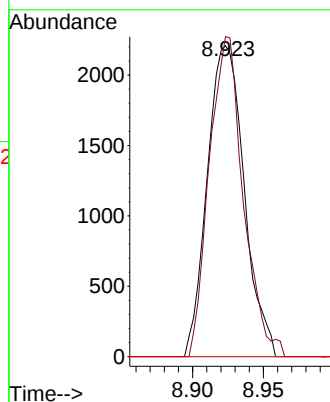
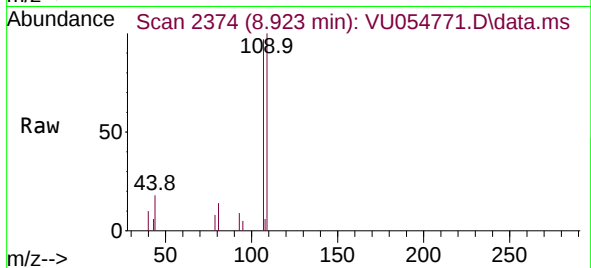
Tgt Ion:107 Resp: 4004

Ion Ratio Lower Upper

107 100

109 102.9 66.5 123.5

188 0.0 3.3 4.9#



#51

Chlorobenzene

Concen: 0.437 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU054771.D

Acq: 07 Jul 2023 09:09

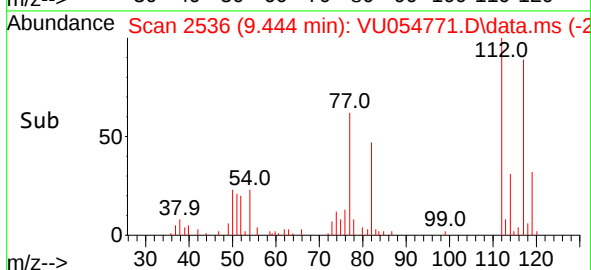
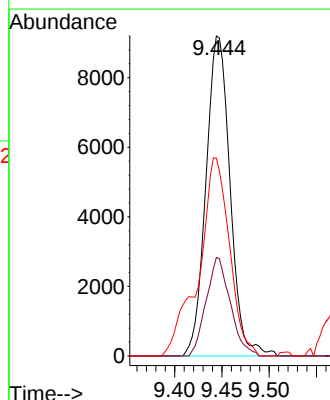
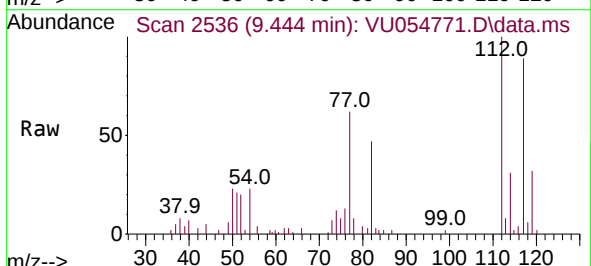
Tgt Ion:112 Resp: 16338

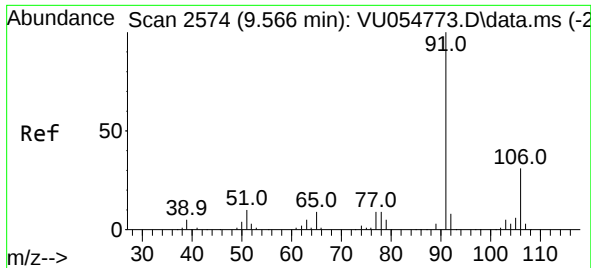
Ion Ratio Lower Upper

112 100

114 30.8 22.9 42.5

77 61.8 47.3 70.9

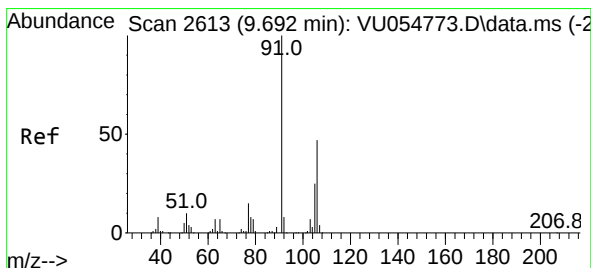
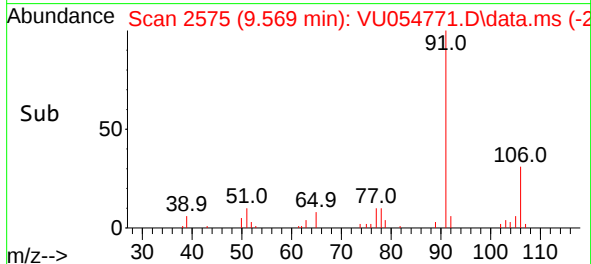
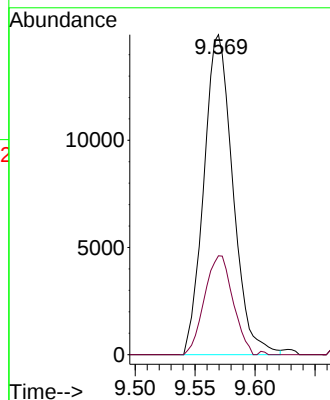
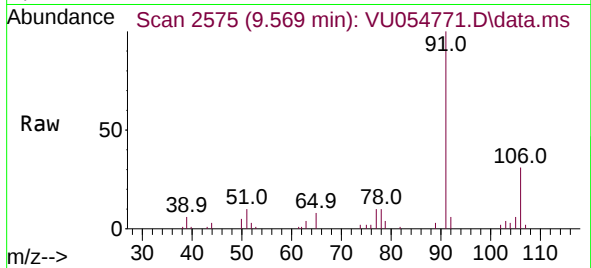




#52
Ethylbenzene
Concen: 0.402 ug/L
RT: 9.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

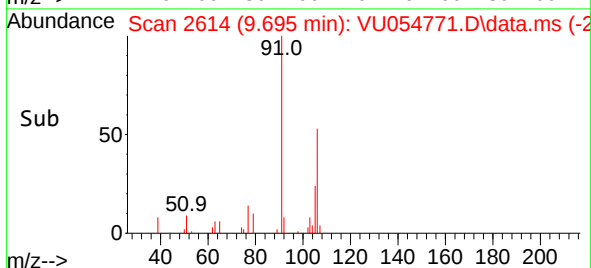
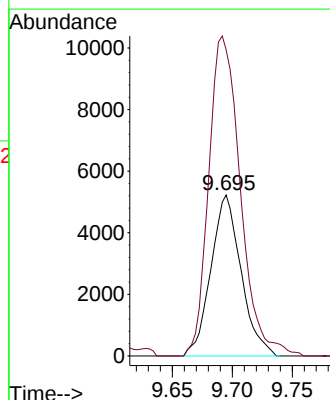
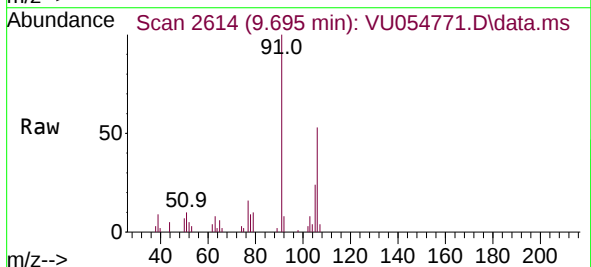
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5037

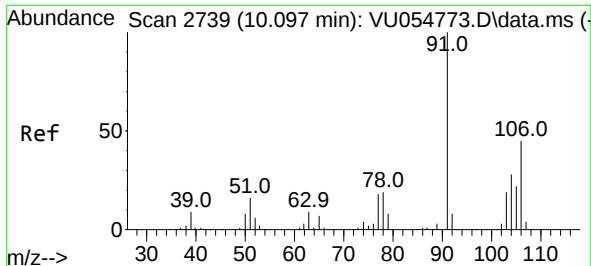
Tgt Ion: 91 Resp: 25118
Ion Ratio Lower Upper
91 100
106 30.9 21.6 40.0



#53
m,p-Xylene
Concen: 0.383 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.003 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

Tgt Ion: 106 Resp: 9124
Ion Ratio Lower Upper
106 100
91 190.4 148.8 276.4

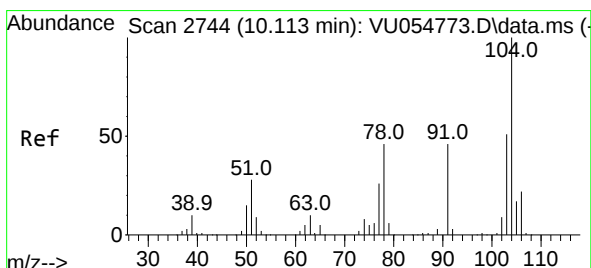
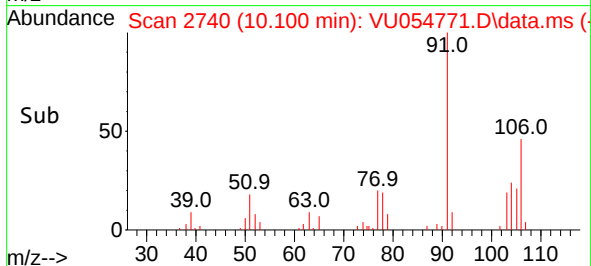
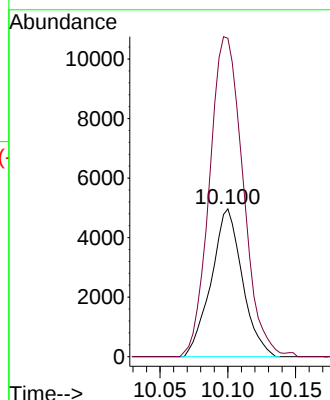
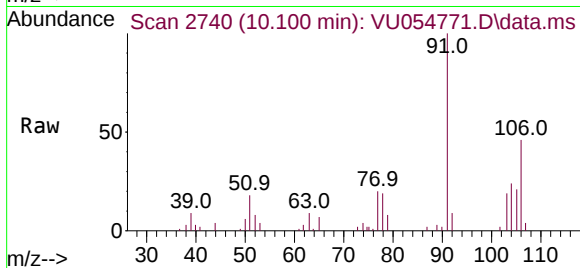




#54
o-Xylene
Concen: 0.357 ug/L
RT: 10.100 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

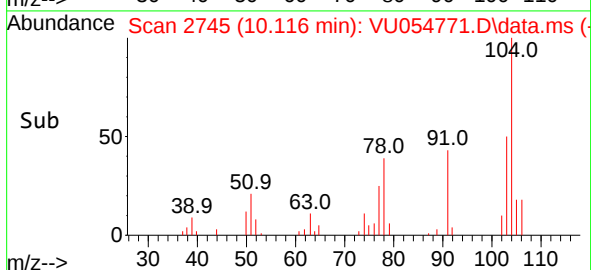
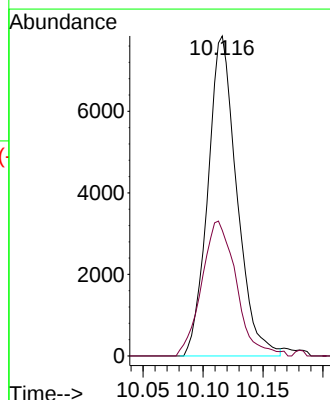
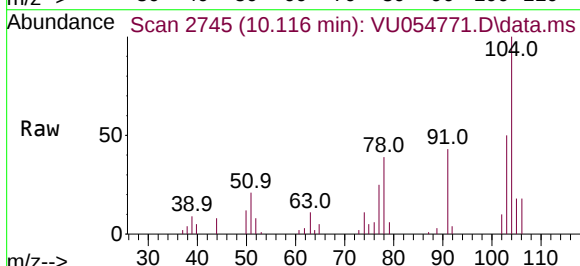
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5037

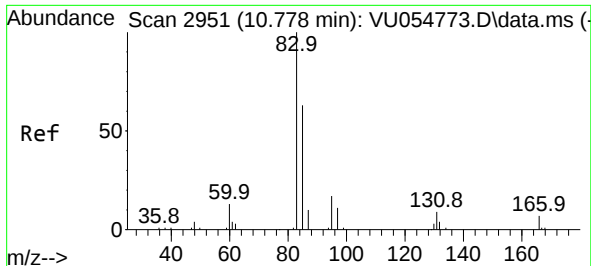
Tgt Ion:106 Resp: 7943
Ion Ratio Lower Upper
106 100
91 215.3 156.8 291.2



#55
Styrene
Concen: 0.350 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.003 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

Tgt Ion:104 Resp: 13177
Ion Ratio Lower Upper
104 100
78 39.3 32.5 60.3

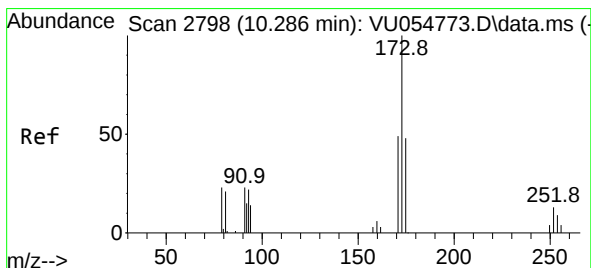
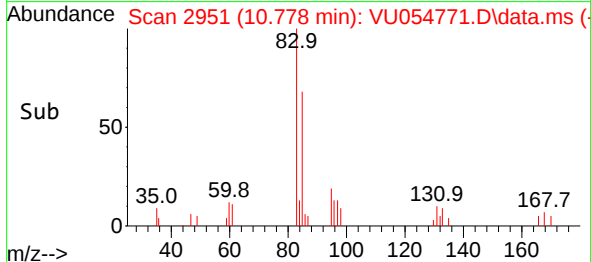
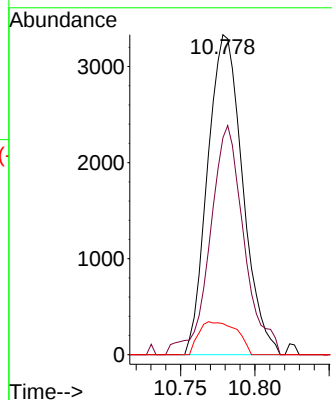
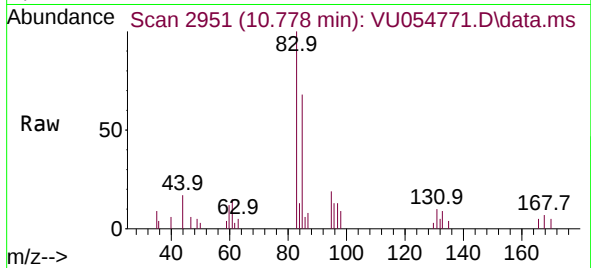




#57
1,1,2,2-Tetrachloroethane
Concen: 0.434 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

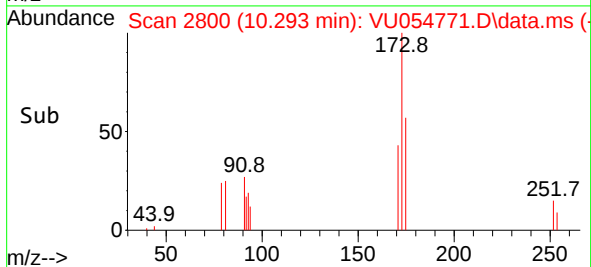
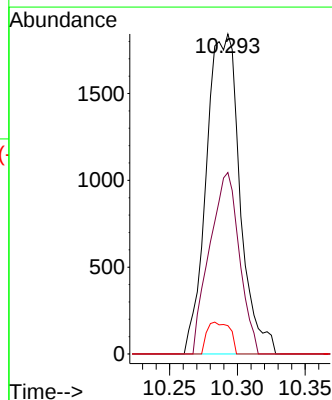
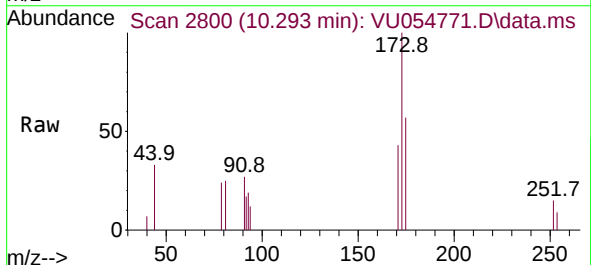
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5037

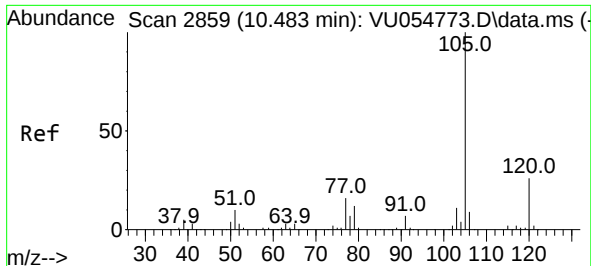
Tgt Ion: 83 Resp: 5470
Ion Ratio Lower Upper
83 100
85 67.8 45.5 84.5
131 9.7 8.6 13.0



#59
Bromoform
Concen: 0.464 ug/L
RT: 10.293 min Scan# 2800
Delta R.T. 0.007 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

Tgt Ion: 173 Resp: 3177
Ion Ratio Lower Upper
173 100
175 50.1 38.1 57.1
254 6.8 7.8 11.6

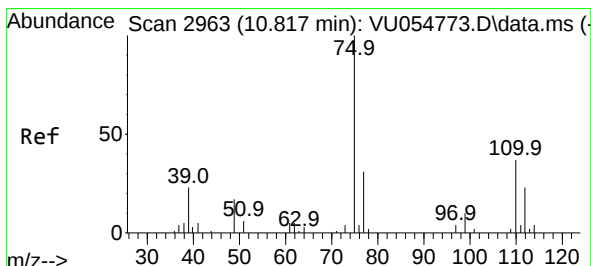
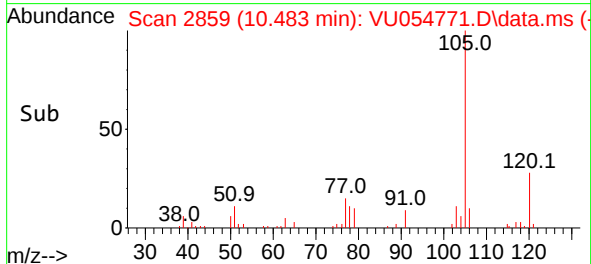
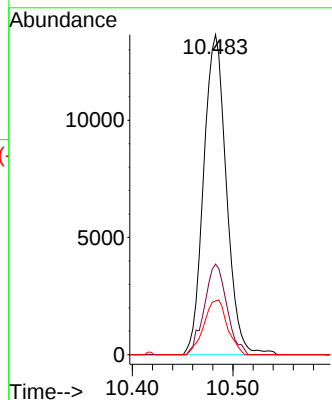
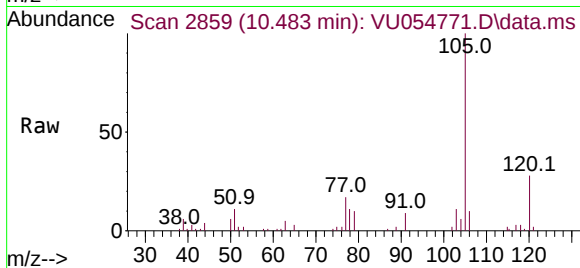




#60
Isopropylbenzene
Concen: 0.395 ug/L
RT: 10.483 min Scan# 21427
Delta R.T. 0.000 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

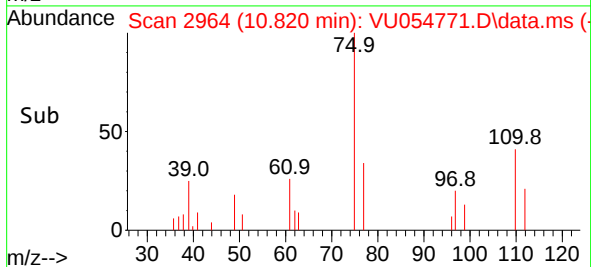
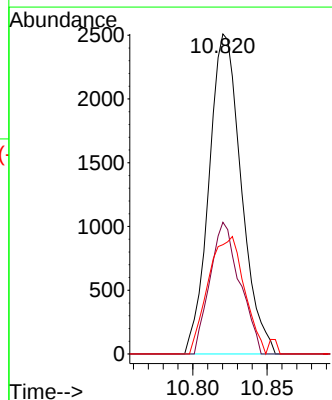
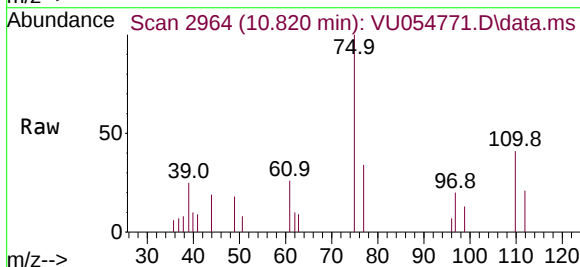
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5037

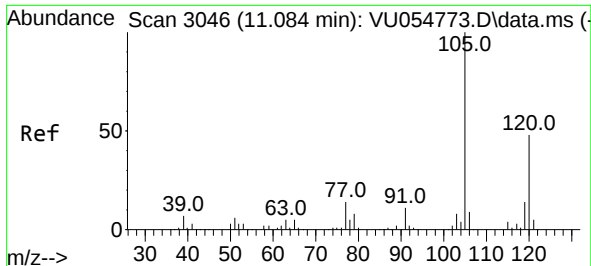
Tgt Ion:105 Resp: 21427
Ion Ratio Lower Upper
105 100
120 27.9 20.8 31.2
77 17.6 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 0.445 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

Tgt Ion: 75 Resp: 3793
Ion Ratio Lower Upper
75 100
110 38.0 29.8 44.6
77 40.9 26.6 39.8#





#62

1,3,5-Trimethylbenzene

Concen: 0.396 ug/L

RT: 11.087 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU054771.D

Acq: 07 Jul 2023 09:09

Instrument :

MSVOA_U

ClientSampleId :

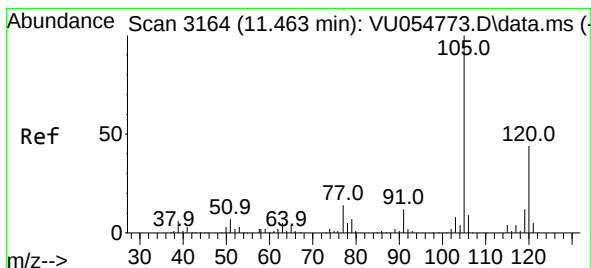
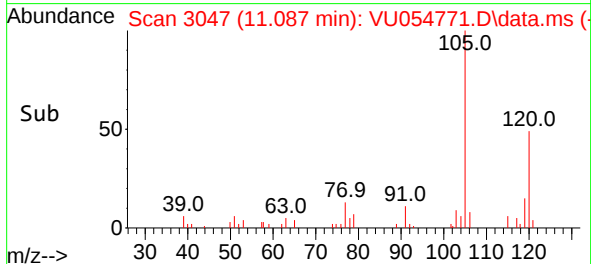
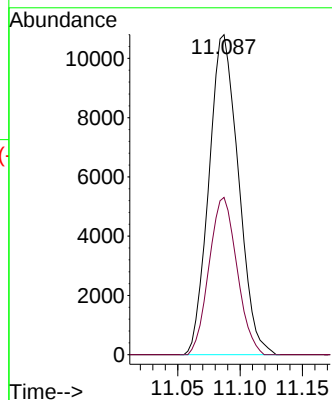
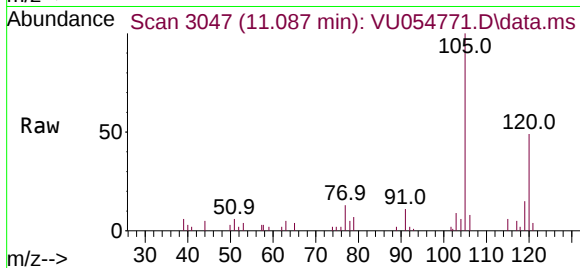
VSTD0.5037

Tgt Ion:105 Resp: 17826

Ion Ratio Lower Upper

105 100

120 46.4 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 0.377 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU054771.D

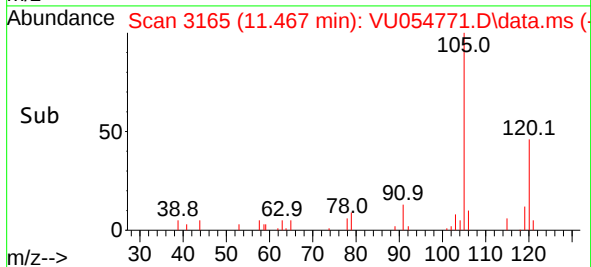
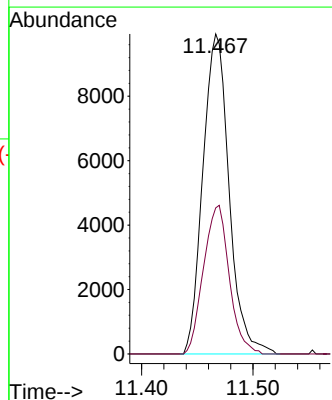
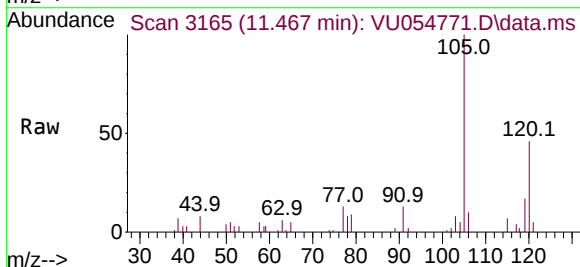
Acq: 07 Jul 2023 09:09

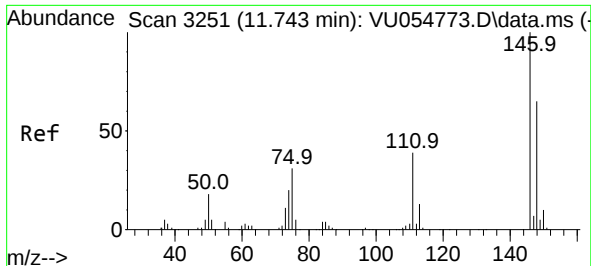
Tgt Ion:105 Resp: 16233

Ion Ratio Lower Upper

105 100

120 45.6 35.2 52.8

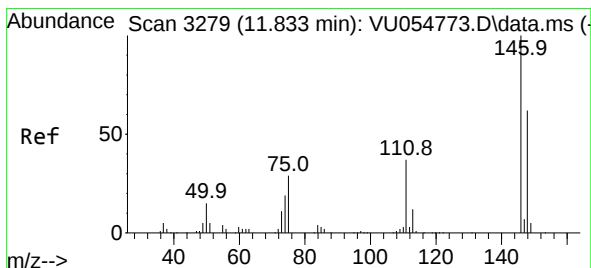
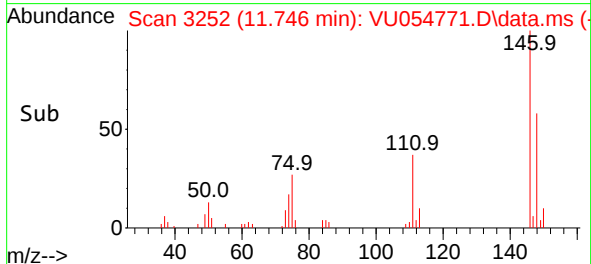
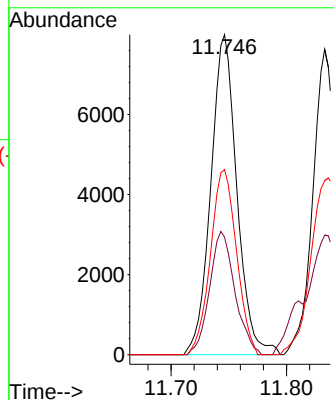
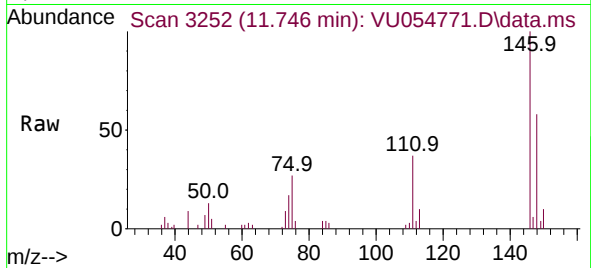




#64
1,3-Dichlorobenzene
Concen: 0.459 ug/L
RT: 11.746 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

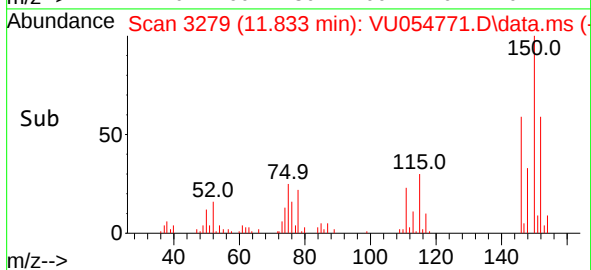
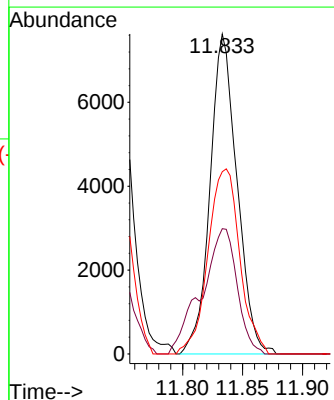
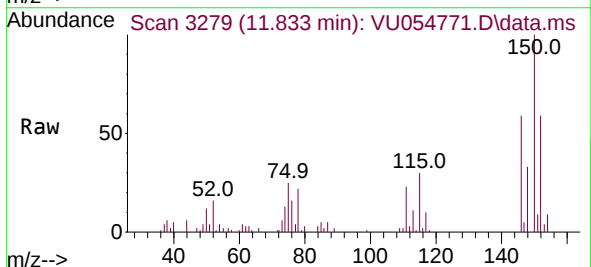
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5037

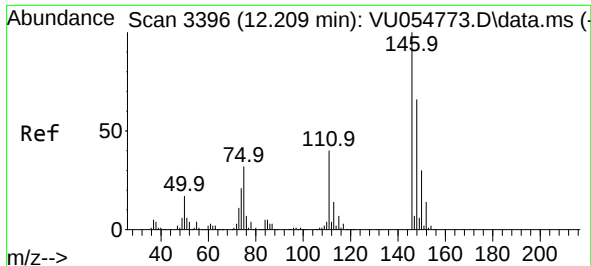
Tgt Ion:146 Resp: 12548
Ion Ratio Lower Upper
146 100
111 36.7 27.5 51.1
148 57.8 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 0.438 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

Tgt Ion:146 Resp: 11941
Ion Ratio Lower Upper
146 100
111 39.2 25.7 47.7
148 57.0 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 0.441 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU054771.D

Acq: 07 Jul 2023 09:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5037

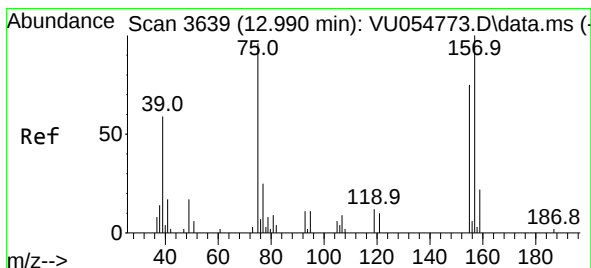
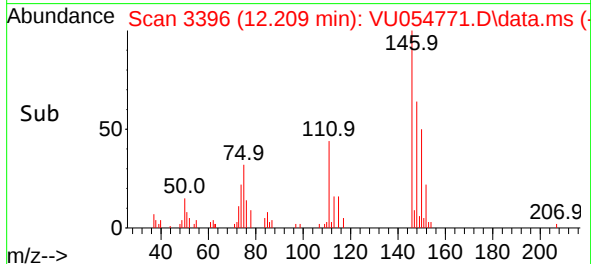
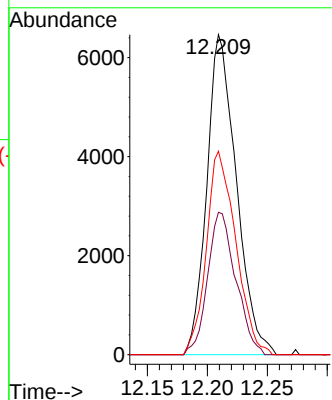
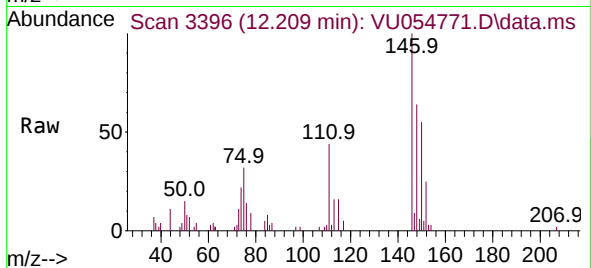
Tgt Ion:146 Resp: 11073

Ion Ratio Lower Upper

146 100

111 44.5 32.4 48.6

148 63.6 53.2 79.8



#68

1,2-Dibromo-3-chloropropane

Concen: 0.476 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.006 min

Lab File: VU054771.D

Acq: 07 Jul 2023 09:09

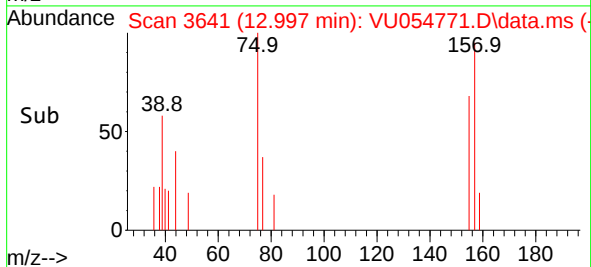
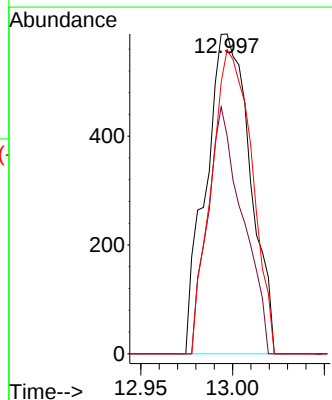
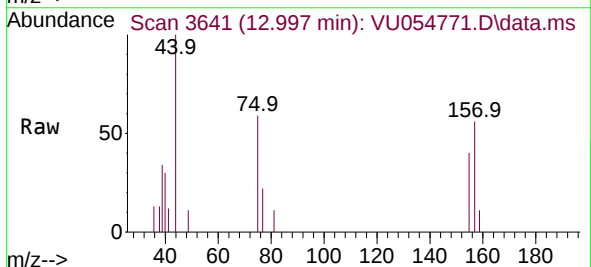
Tgt Ion: 75 Resp: 987

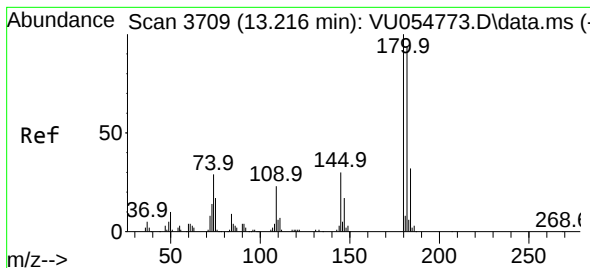
Ion Ratio Lower Upper

75 100

155 68.2 62.9 94.3

157 95.1 83.4 125.0





#69

1,3,5-Trichlorobenzene

Concen: 0.424 ug/L

RT: 13.219 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU054771.D

Acq: 07 Jul 2023 09:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5037

Tgt Ion:180 Resp: 8673

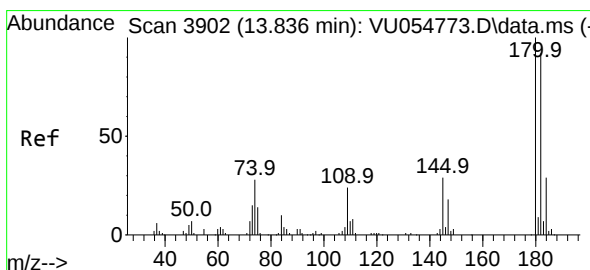
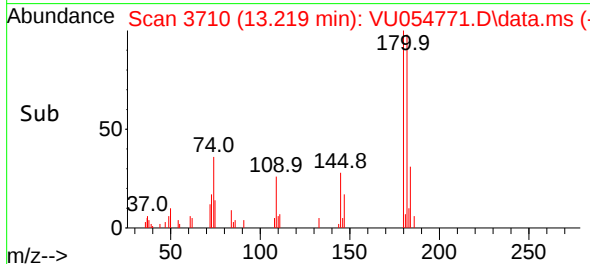
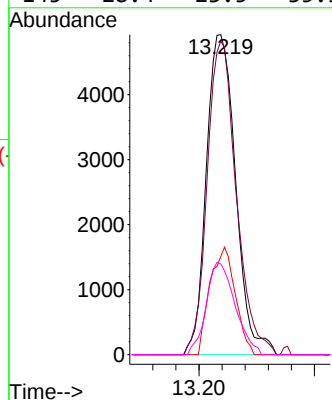
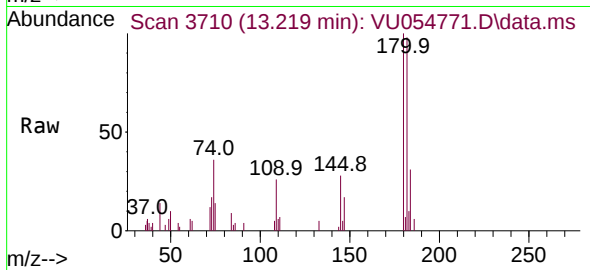
Ion Ratio Lower Upper

180 100

182 97.3 74.6 111.8

184 29.1 24.9 37.3

145 28.4 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 0.395 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.003 min

Lab File: VU054771.D

Acq: 07 Jul 2023 09:09

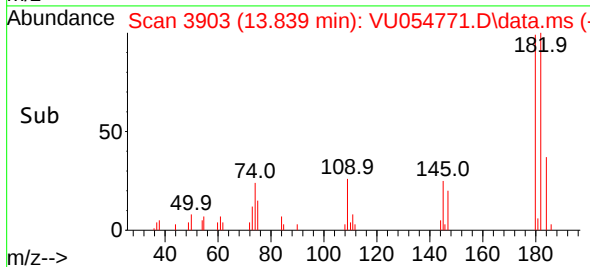
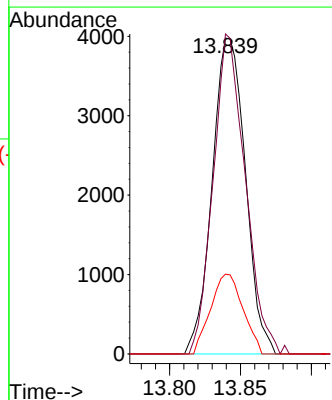
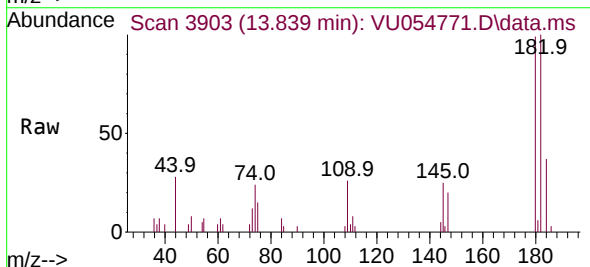
Tgt Ion:180 Resp: 6488

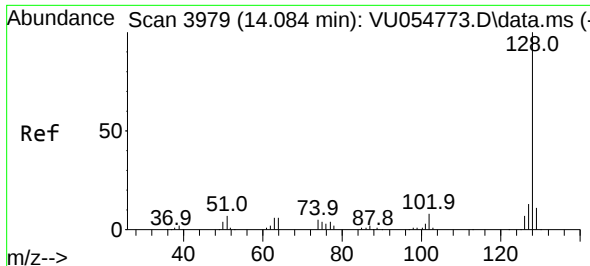
Ion Ratio Lower Upper

180 100

182 98.0 76.5 114.7

145 24.6 23.4 35.2

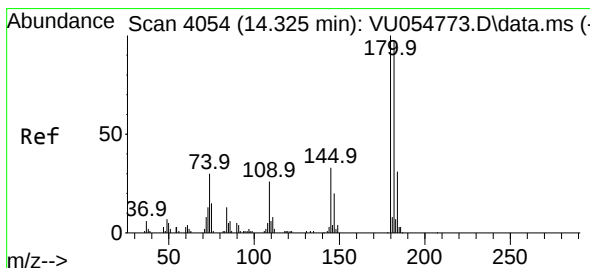
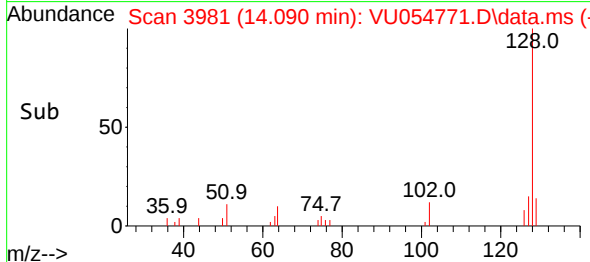
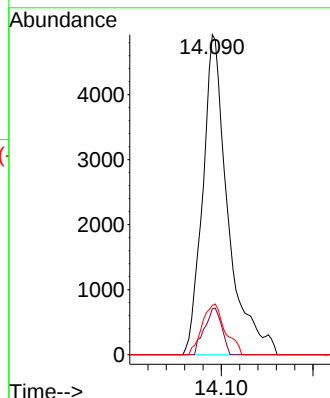
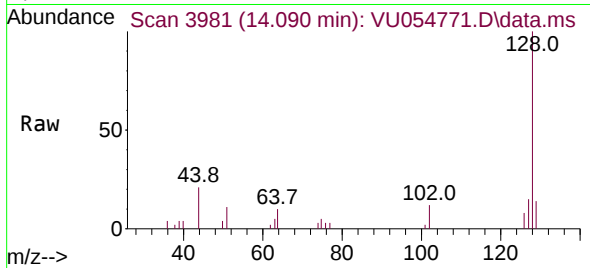




#71
Naphthalene
Concen: 0.362 ug/L
RT: 14.090 min Scan# 3979
Delta R.T. 0.007 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5037

Tgt Ion:128 Resp: 9377
Ion Ratio Lower Upper
128 100
129 9.9 8.3 12.5
127 14.4 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 0.368 ug/L
RT: 14.331 min Scan# 4056
Delta R.T. 0.006 min
Lab File: VU054771.D
Acq: 07 Jul 2023 09:09

Tgt Ion:180 Resp: 5406
Ion Ratio Lower Upper
180 100
182 106.5 76.9 115.3
145 31.1 25.4 38.0

