

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070323\
 Data File : VU054757.D
 Acq On : 03 Jul 2023 18:33
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005087

Quant Time: Jul 05 04:45:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 05 04:39:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	285811	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	276565	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	144802	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	66844	3.675	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.904	69	64141	3.766	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.560	65	28478	3.505	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	4.624	46	261818	51.196	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.400%
24) Chloroform-d	5.058	84	156299	4.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.698	65	79683	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.724	84	278363	3.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.400%
36) 1,2-Dichloropropane-d6	6.688	67	97862	3.812	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.200%
41) Toluene-d8	7.894	98	249995	3.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	8.177	79	37191	4.166	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.631	63	185109	49.418	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.840%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86582	4.522	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	96953	3.970	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	87150	3.263	ug/L	97
3) Chloromethane	1.518	50	113190	3.690	ug/L	99
5) Vinyl chloride	1.602	62	122431	3.888	ug/L	100
6) Bromomethane	1.849	94	63073	3.643	ug/L	95
8) Chloroethane	1.927	64	81703	4.329	ug/L	99
9) Trichlorofluoromethane	2.132	101	172617	4.459	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	98700	4.358	ug/L	97
12) 1,1-Dichloroethene	2.573	96	85127	4.106	ug/L	91
13) Acetone	2.631	43	184709	38.306	ug/L	98
14) Carbon disulfide	2.788	76	200635	3.264	ug/L	100
15) Methyl Acetate	2.949	43	46909	5.250	ug/L	96
16) Methylene chloride	3.042	84	130314	4.470	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	245950	4.807	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	85737	4.006	ug/L	98
19) 1,1-Dichloroethane	3.862	63	203319	4.590	ug/L	98
21) 2-Butanone	4.701	43	306595	48.993	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	109790	4.505	ug/L	97
23) Bromochloromethane	4.972	128	47422	4.676	ug/L	98
25) Chloroform	5.084	83	207003	4.740	ug/L	97

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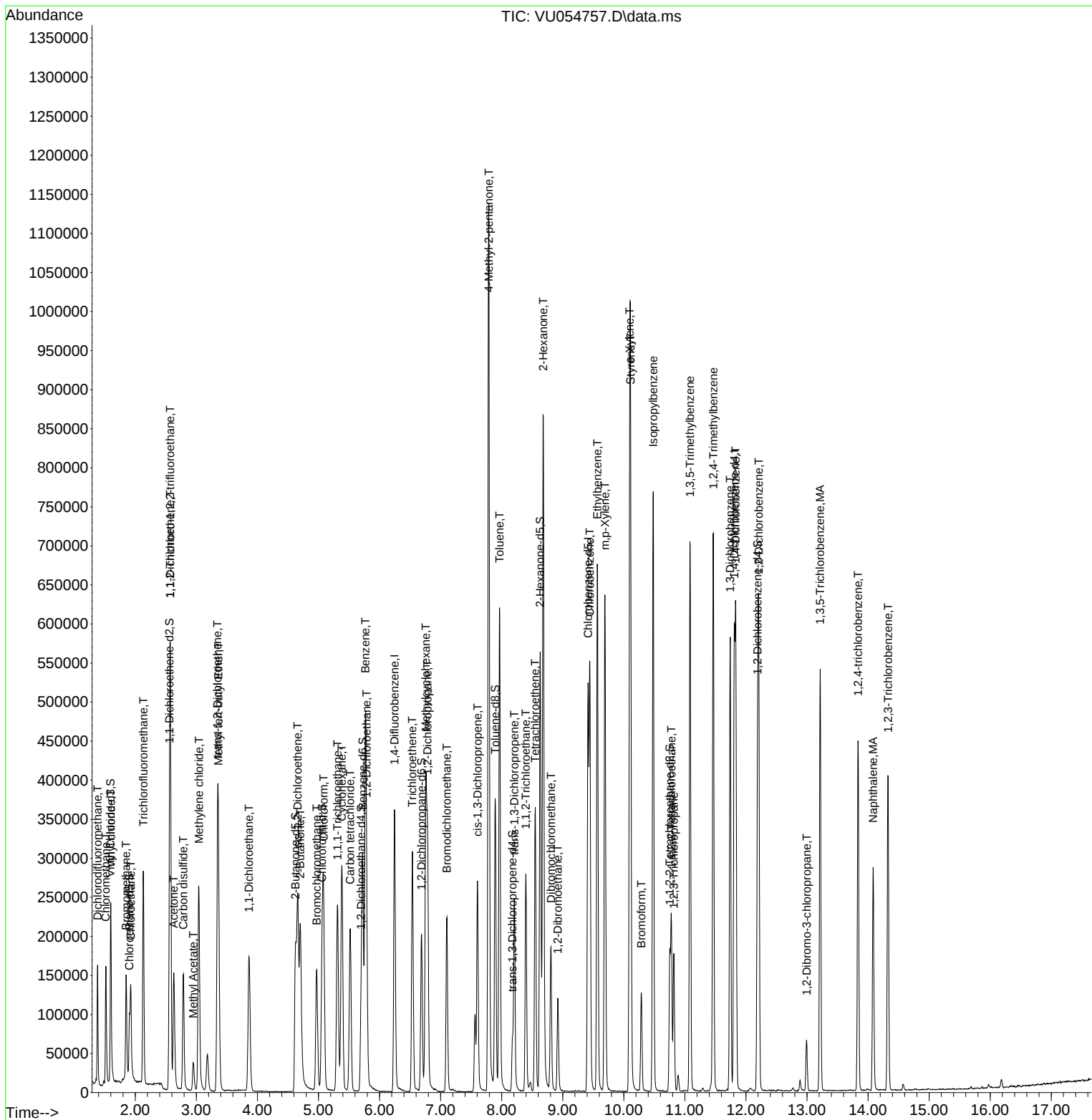
Instrument :
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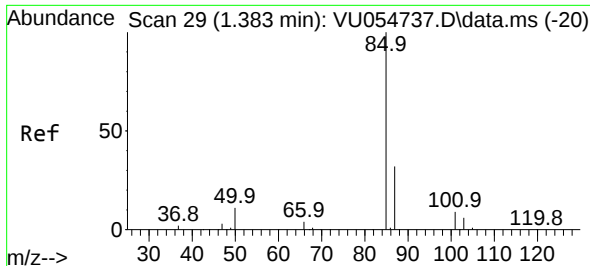
Quant Time: Jul 05 04:45:01 2023
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	125920	4.919	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	171965	4.585	ug/L	99
30) Cyclohexane	5.383	56	143673	3.517	ug/L	99
31) Carbon tetrachloride	5.518	117	144658	4.476	ug/L	99
33) Benzene	5.769	78	414365	4.169	ug/L	100
34) Trichloroethene	6.537	95	108981	4.146	ug/L	94
35) Methylcyclohexane	6.759	83	137524	3.462	ug/L	97
37) 1,2-Dichloropropane	6.785	63	120655	4.489	ug/L	99
38) Bromodichloromethane	7.103	83	148661	4.887	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	163029	4.443	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	752818	52.491	ug/L	99
42) Toluene	7.965	91	455098	4.446	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	140591	4.721	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	85547	5.004	ug/L	96
47) Tetrachloroethene	8.550	164	81495	4.051	ug/L	98
48) 2-Hexanone	8.679	43	547622	51.245	ug/L	100
49) Dibromochloromethane	8.807	129	92897	5.175	ug/L	100
50) 1,2-Dibromoethane	8.920	107	76691	4.886	ug/L	98
51) Chlorobenzene	9.444	112	282251	4.424	ug/L	98
52) Ethylbenzene	9.566	91	473732	4.238	ug/L	99
53) m,p-Xylene	9.692	106	174930	4.260	ug/L	99
54) o-Xylene	10.097	106	172975	4.356	ug/L	100
55) Styrene	10.113	104	307744	4.617	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	111263	5.123	ug/L	99
59) Bromoform	10.286	173	58721	5.649	ug/L	97
60) Isopropylbenzene	10.483	105	482747	4.557	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	74368	5.082	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	375746	4.348	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	391899	4.465	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	230224	4.650	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	226391	4.556	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	216729	4.759	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	17378	5.404	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	168152	4.501	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	137211	4.442	ug/L	98
71) Naphthalene	14.084	128	221523	4.410	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	127077	4.788	ug/L	99

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

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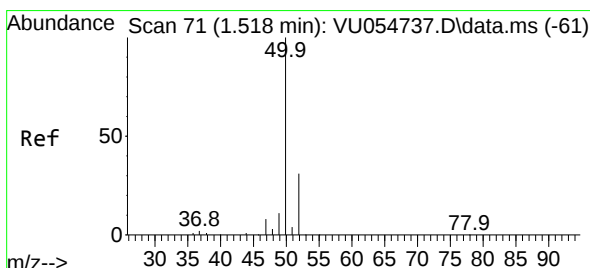
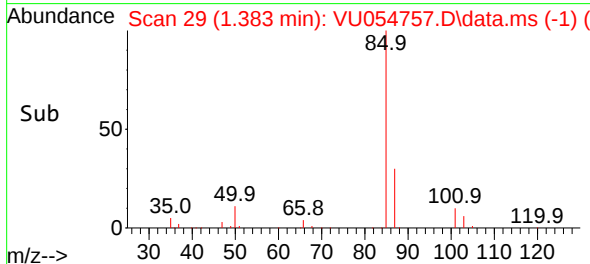
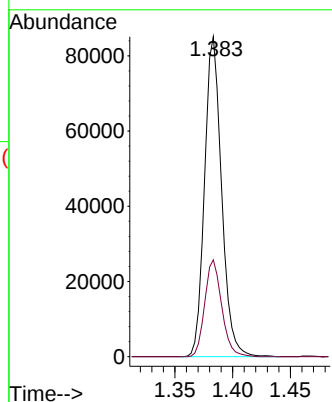
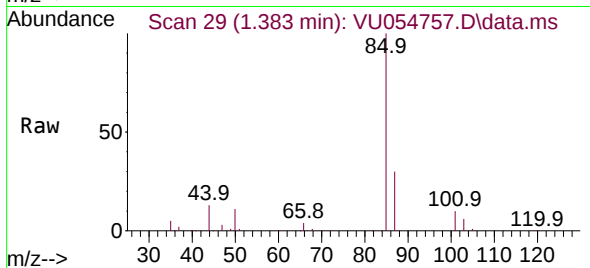




#2
 Dichlorodifluoromethane
 Concen: 3.263 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU054757.D
 Acq: 03 Jul 2023 18:33

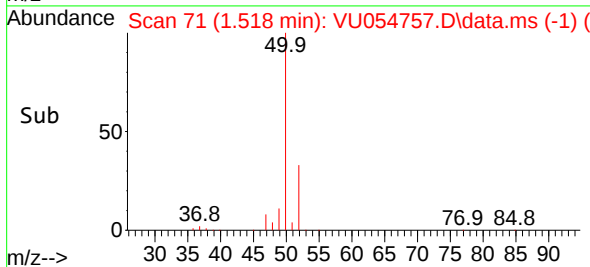
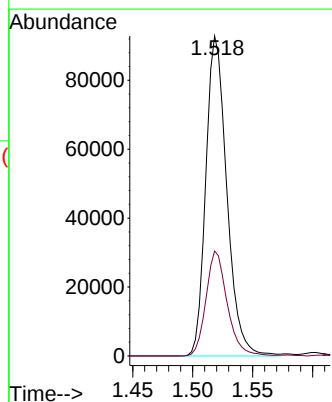
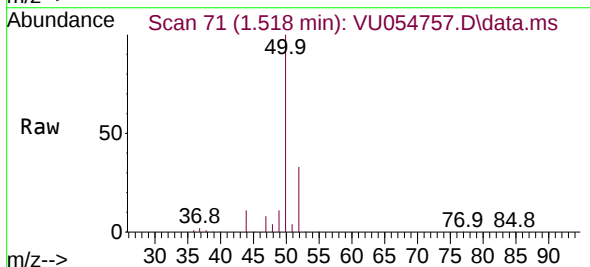
Instrument :
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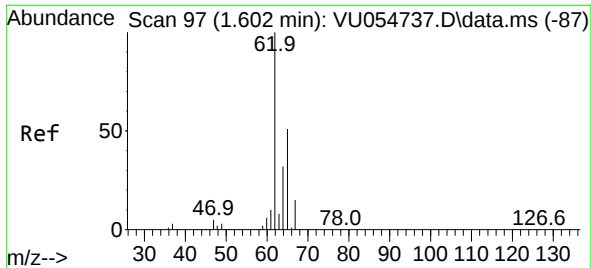
Tgt Ion: 85 Resp: 87150
 Ion Ratio Lower Upper
 85 100
 87 30.2 25.4 38.2



#3
 Chloromethane
 Concen: 3.690 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU054757.D
 Acq: 03 Jul 2023 18:33

Tgt Ion: 50 Resp: 113190
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.4 43.4

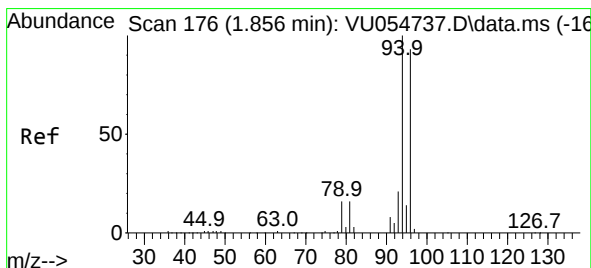
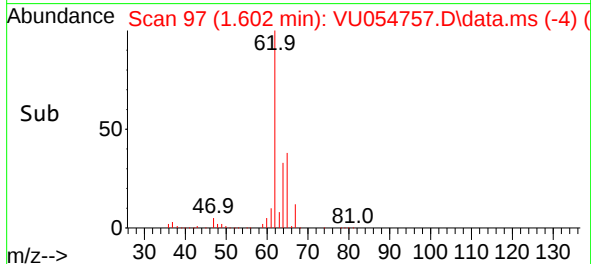
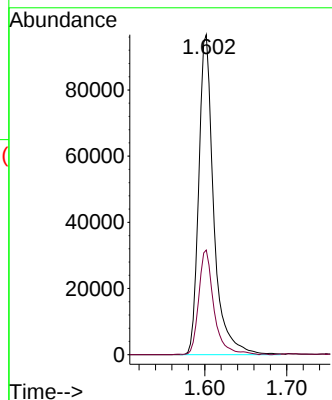
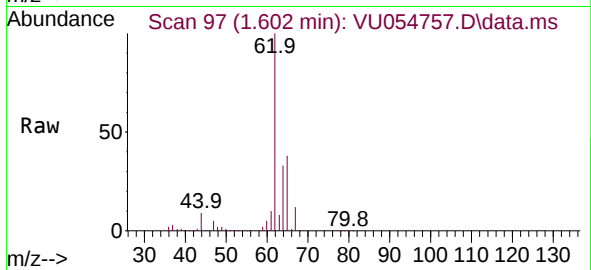




#5
 Vinyl chloride
 Concen: 3.888 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU054757.D
 Acq: 03 Jul 2023 18:33

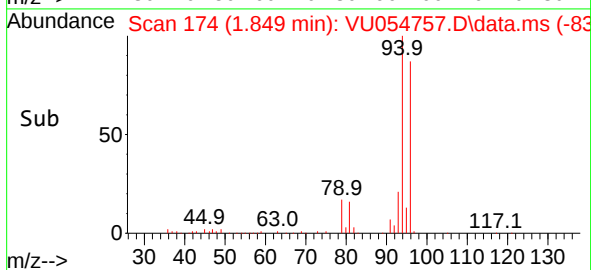
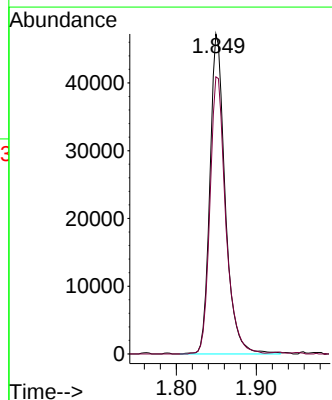
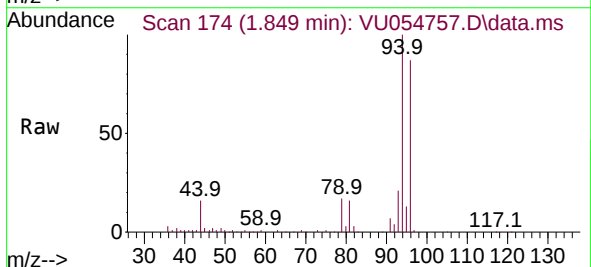
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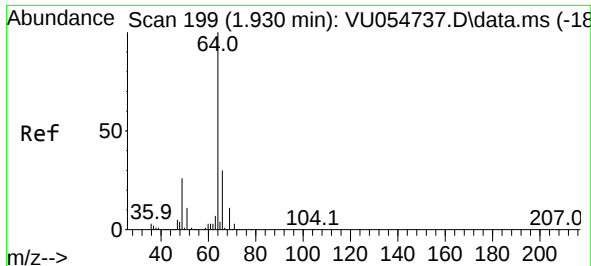
Tgt Ion: 62 Resp: 122431
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.0 42.6



#6
 Bromomethane
 Concen: 3.643 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. -0.007 min
 Lab File: VU054757.D
 Acq: 03 Jul 2023 18:33

Tgt Ion: 94 Resp: 63073
 Ion Ratio Lower Upper
 94 100
 96 86.6 63.6 118.2

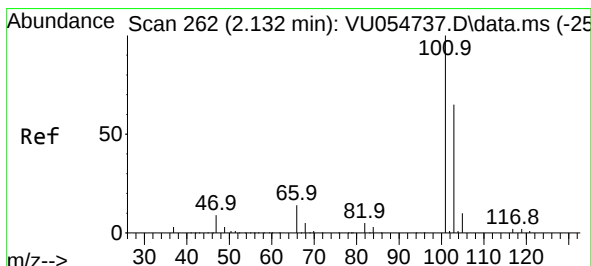
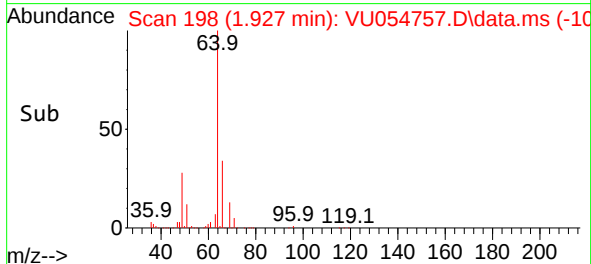
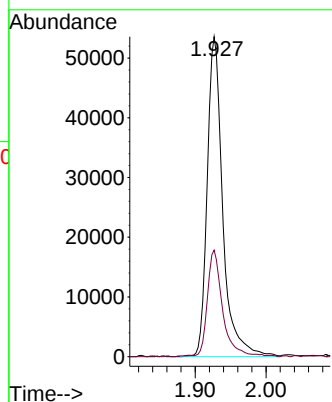
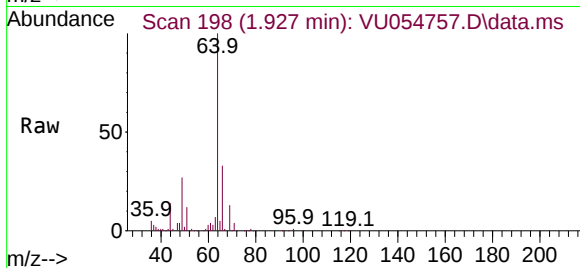




#8
Chloroethane
Concen: 4.329 ug/L
RT: 1.927 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

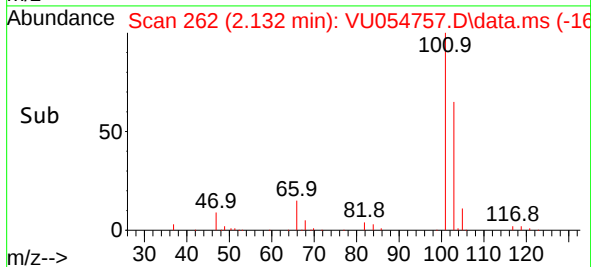
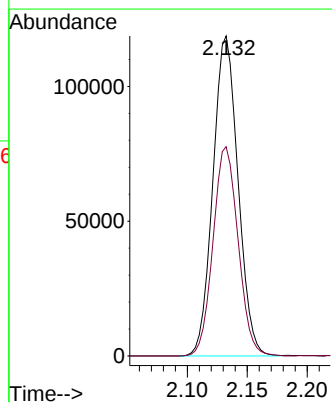
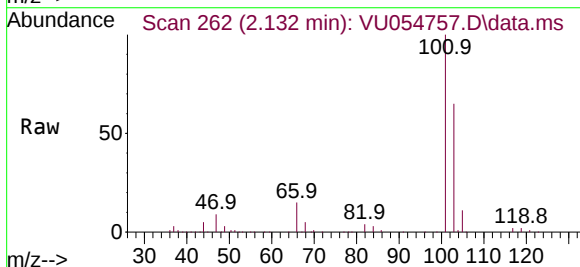
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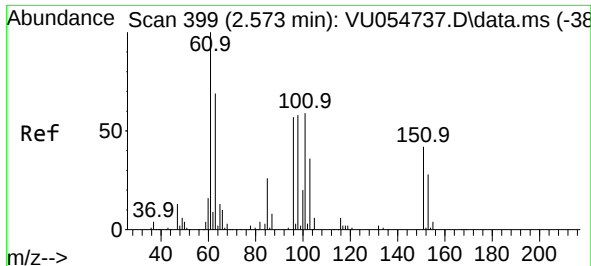
Tgt Ion: 64 Resp: 81703
Ion Ratio Lower Upper
64 100
66 33.3 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.459 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

Tgt Ion: 101 Resp: 172617
Ion Ratio Lower Upper
101 100
103 65.3 50.6 75.8

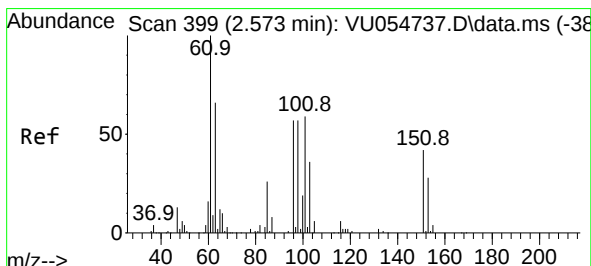
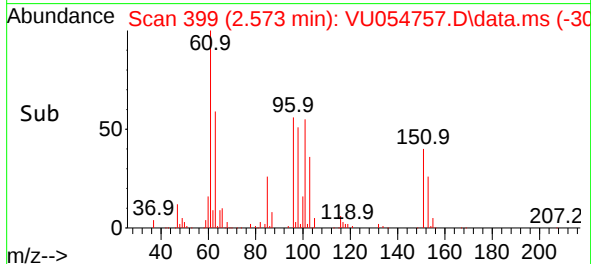
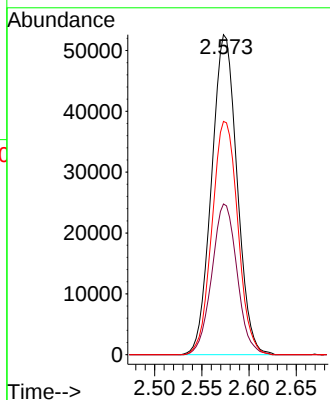
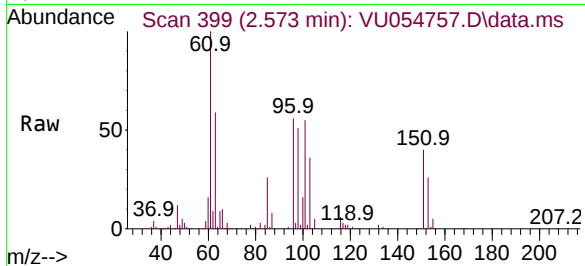




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.358 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

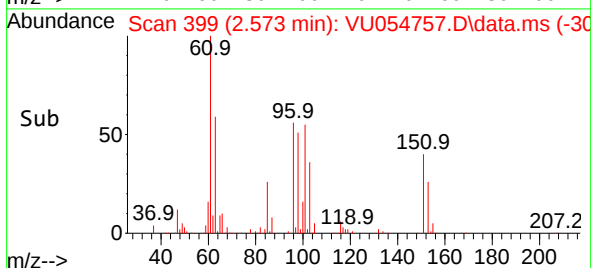
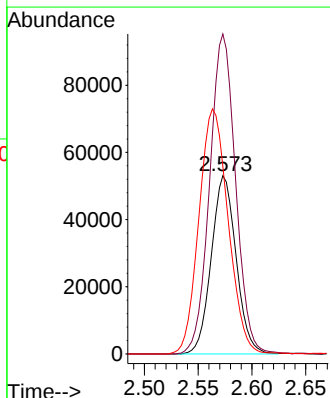
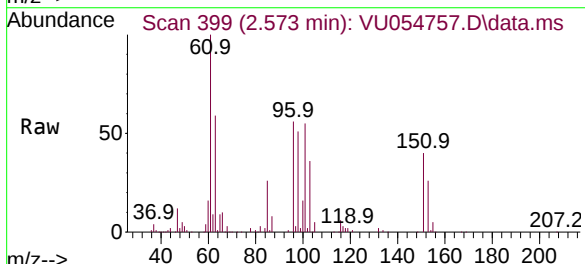
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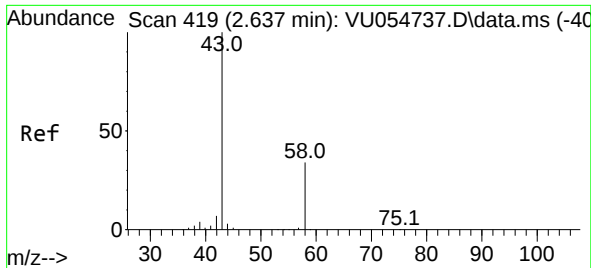
Tgt Ion: 101 Resp: 98700
Ion Ratio Lower Upper
101 100
85 46.5 34.6 51.8
151 73.7 57.7 86.5



#12
1,1-Dichloroethene
Concen: 4.106 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

Tgt Ion: 96 Resp: 85127
Ion Ratio Lower Upper
96 100
61 179.6 119.9 222.7
63 105.4 64.3 119.3





#13

Acetone

Concen: 38.306 ug/L

RT: 2.631 min Scan# 419

Delta R.T. -0.007 min

Lab File: VU054757.D

Acq: 03 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

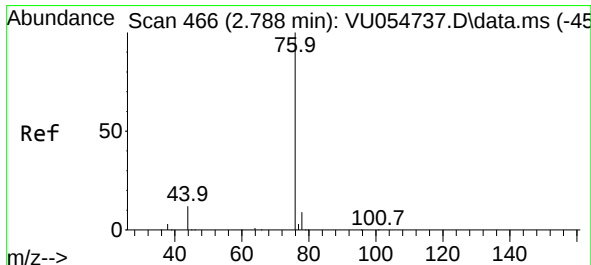
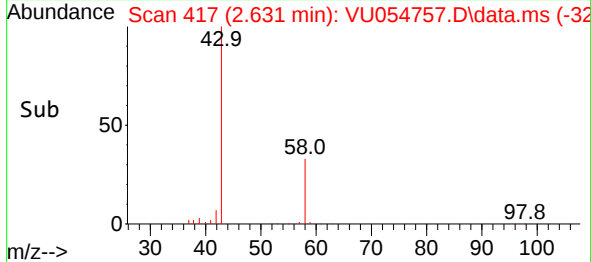
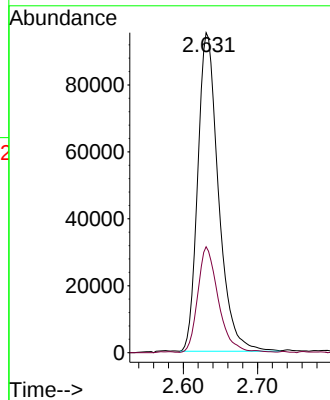
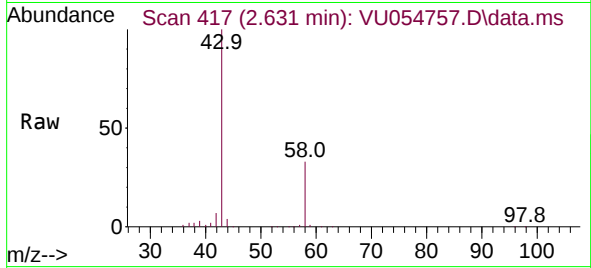
VSTD005087

Tgt Ion: 43 Resp: 184709

Ion Ratio Lower Upper

43 100

58 32.5 0.0 67.2



#14

Carbon disulfide

Concen: 3.264 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU054757.D

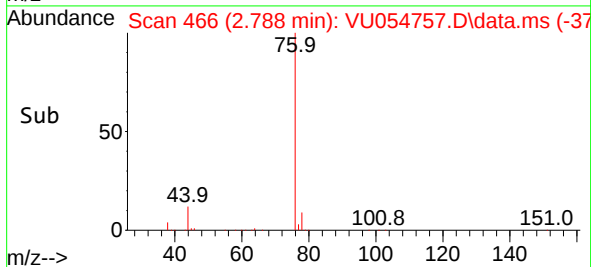
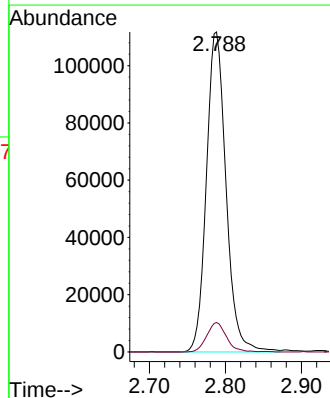
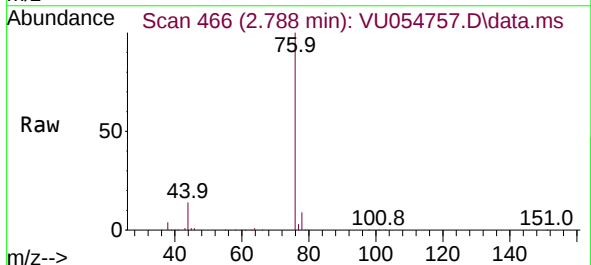
Acq: 03 Jul 2023 18:33

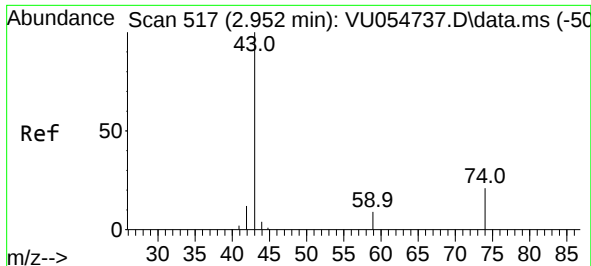
Tgt Ion: 76 Resp: 200635

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

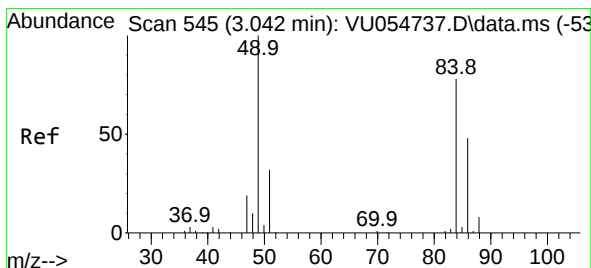
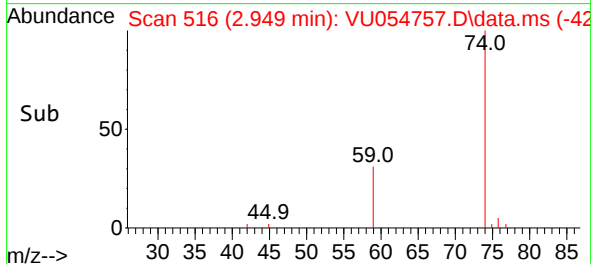
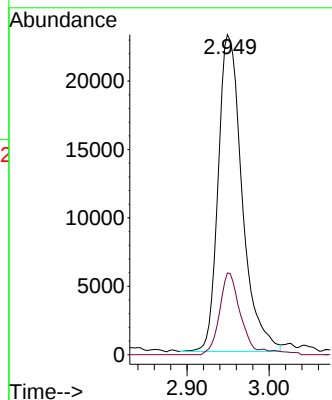
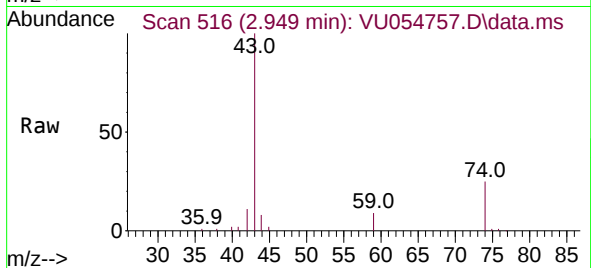




#15
Methyl Acetate
Concen: 5.250 ug/L
RT: 2.949 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

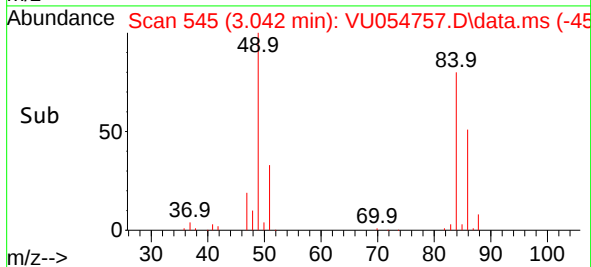
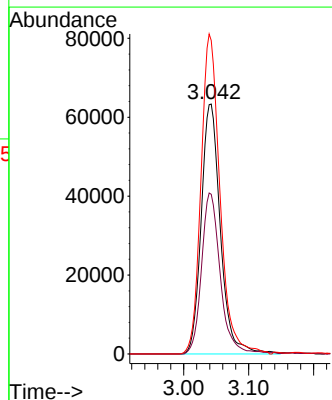
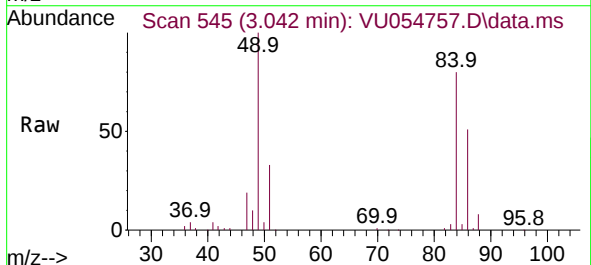
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

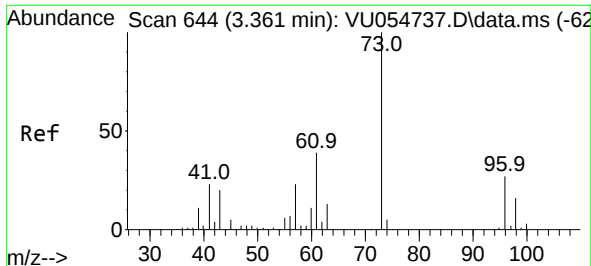
Tgt Ion: 43 Resp: 46909
Ion Ratio Lower Upper
43 100
74 22.0 19.0 28.6



#16
Methylene chloride
Concen: 4.470 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

Tgt Ion: 84 Resp: 130314
Ion Ratio Lower Upper
84 100
86 63.9 43.9 81.5
49 125.4 86.1 159.9

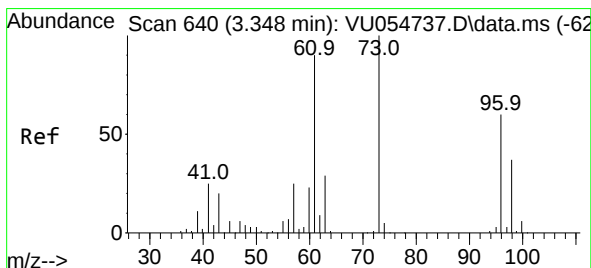
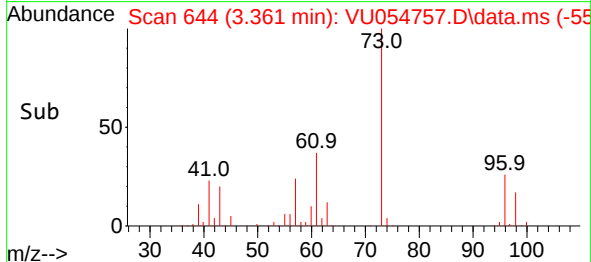
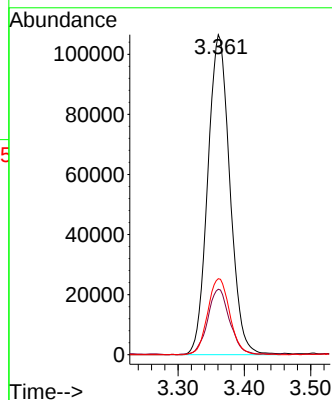
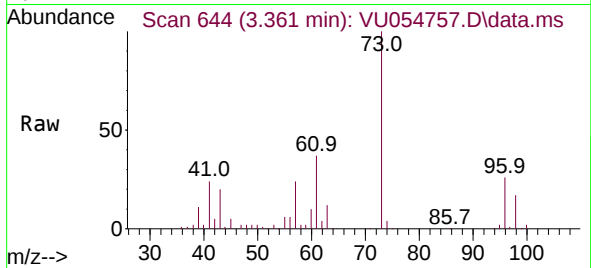




#17
Methyl tert-butyl Ether
Concen: 4.807 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

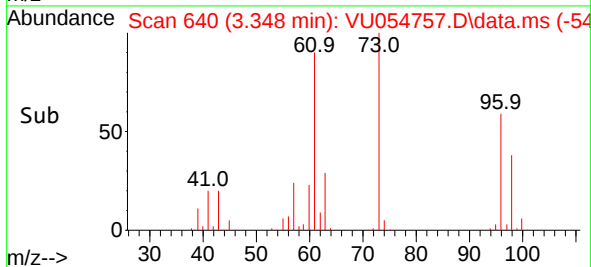
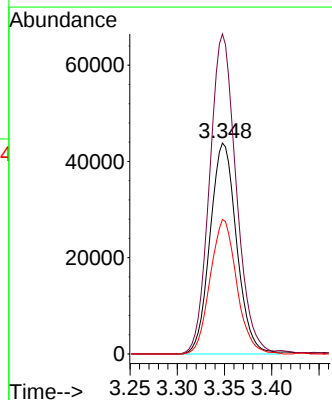
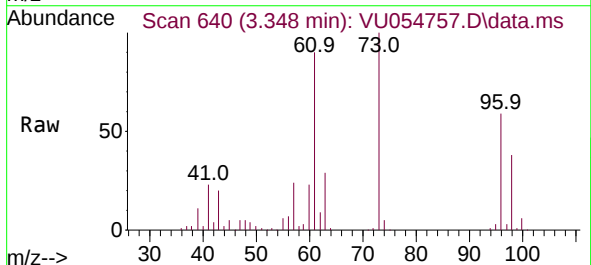
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

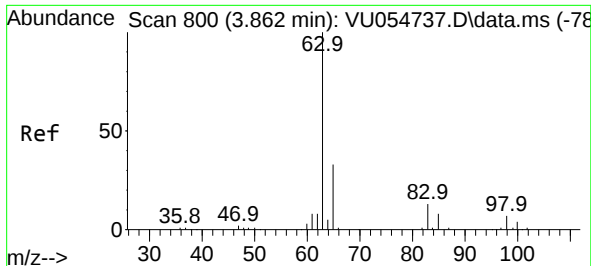
Tgt Ion: 73 Resp: 245950
Ion Ratio Lower Upper
73 100
43 20.5 15.7 23.5
57 23.7 18.6 28.0



#18
trans-1,2-Dichloroethene
Concen: 4.006 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

Tgt Ion: 96 Resp: 85737
Ion Ratio Lower Upper
96 100
61 151.8 104.6 194.2
98 63.8 45.4 84.4

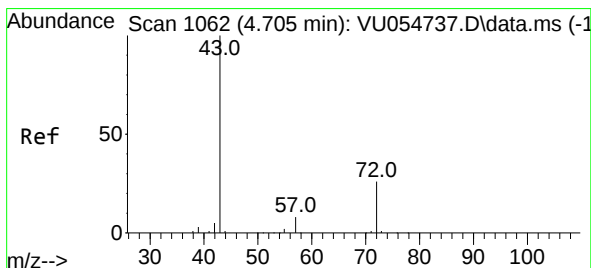
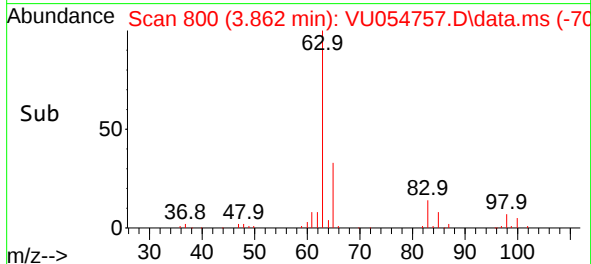
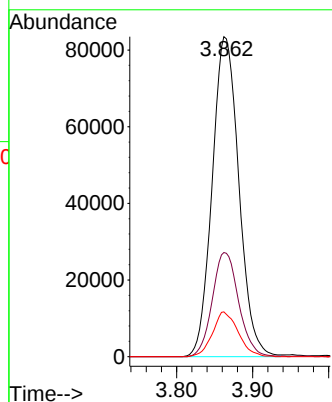
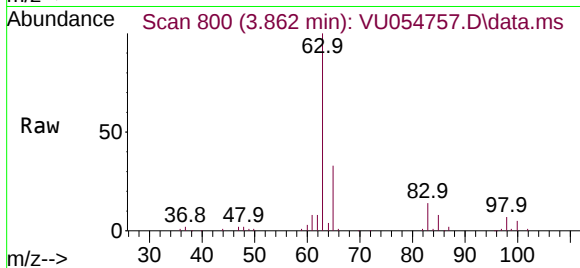




#19
1,1-Dichloroethane
Concen: 4.590 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

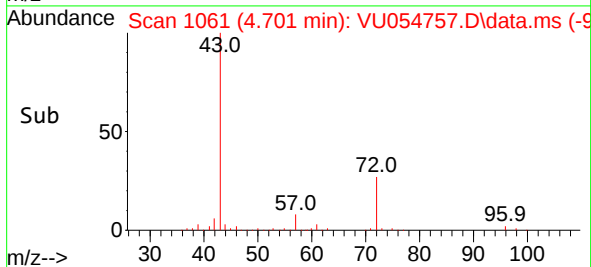
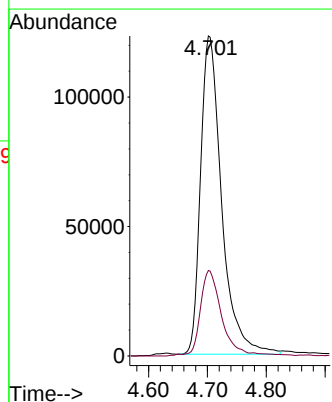
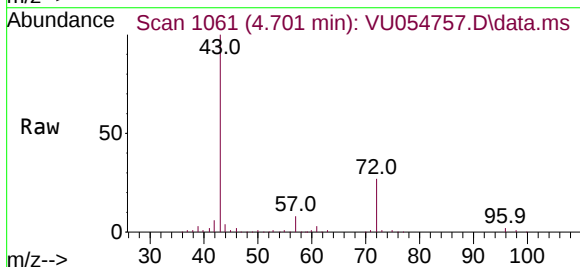
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

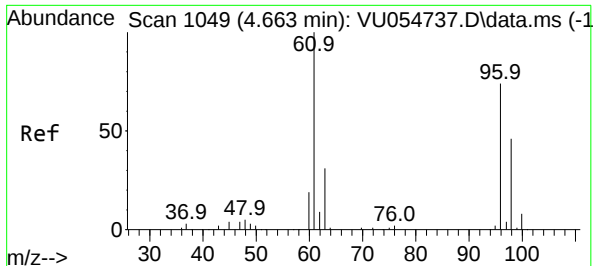
Tgt Ion: 63 Resp: 203319
Ion Ratio Lower Upper
63 100
65 32.6 22.2 41.2
83 14.0 9.0 16.6



#21
2-Butanone
Concen: 48.993 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

Tgt Ion: 43 Resp: 306595
Ion Ratio Lower Upper
43 100
72 25.0 13.4 40.1





#22

cis-1,2-Dichloroethene

Concen: 4.505 ug/L

RT: 4.660 min Scan# 1049

Delta R.T. -0.003 min

Lab File: VU054757.D

Acq: 03 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTD005087

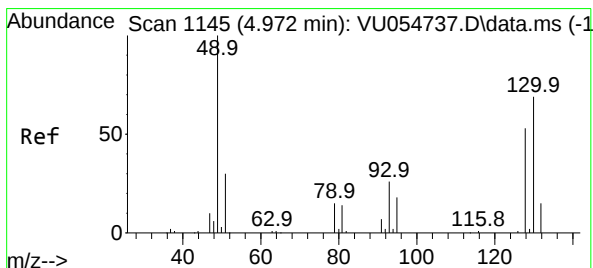
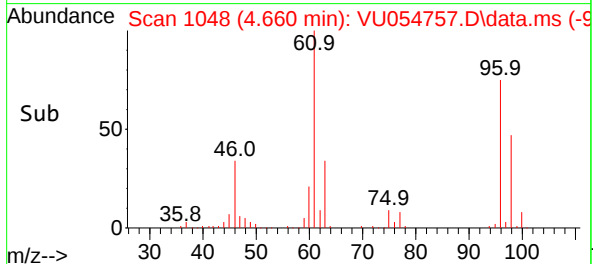
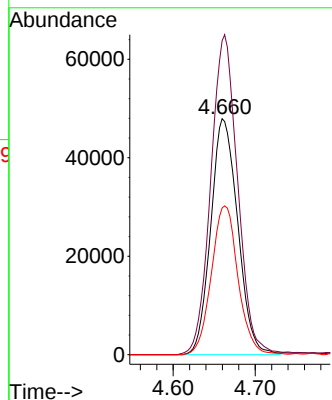
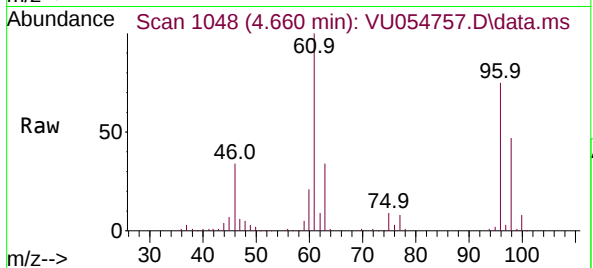
Tgt Ion: 96 Resp: 109790

Ion Ratio Lower Upper

96 100

61 133.0 96.5 179.1

98 62.2 44.9 83.3



#23

Bromochloromethane

Concen: 4.676 ug/L

RT: 4.972 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VU054757.D

Acq: 03 Jul 2023 18:33

Tgt Ion: 128 Resp: 47422

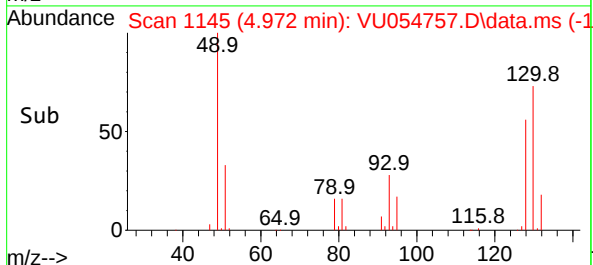
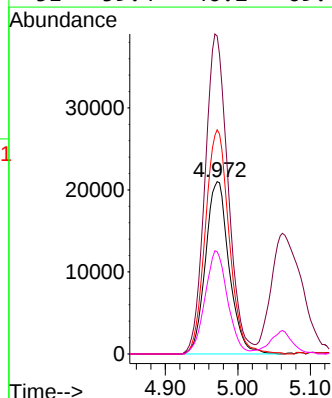
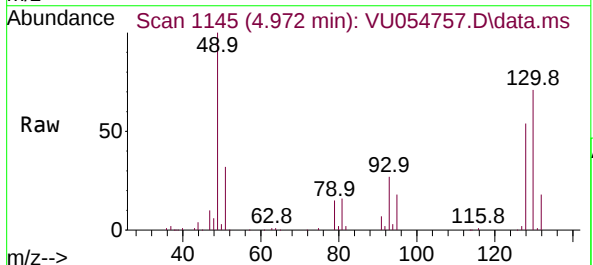
Ion Ratio Lower Upper

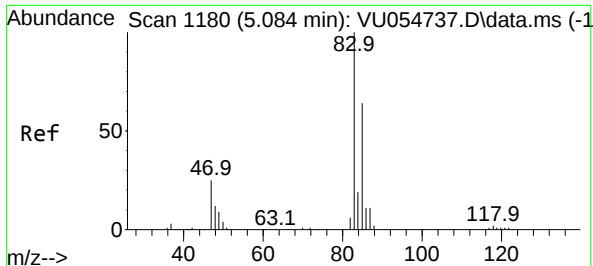
128 100

49 184.5 132.1 245.3

130 130.1 91.5 169.9

51 59.4 46.2 69.4





#25

Chloroform

Concen: 4.740 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU054757.D

Acq: 03 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

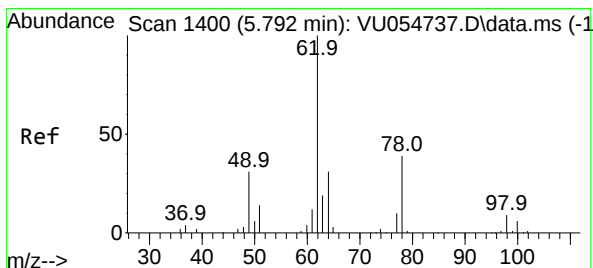
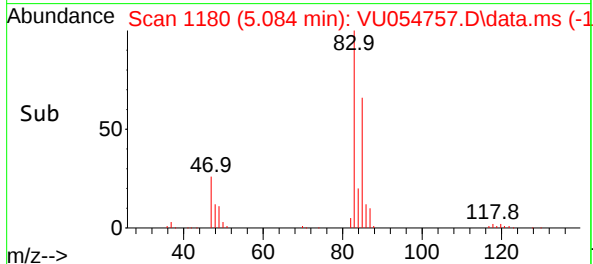
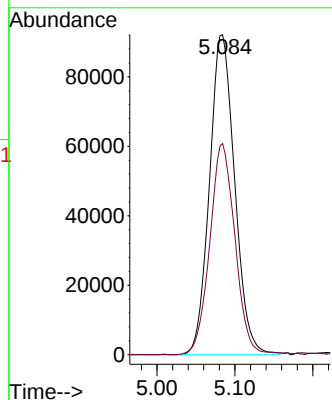
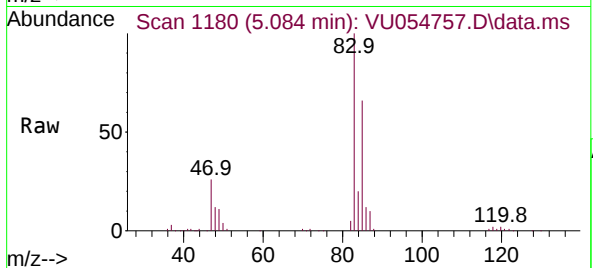
VSTD005087

Tgt Ion: 83 Resp: 207003

Ion Ratio Lower Upper

83 100

85 66.0 44.7 82.9



#27

1,2-Dichloroethane

Concen: 4.919 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.003 min

Lab File: VU054757.D

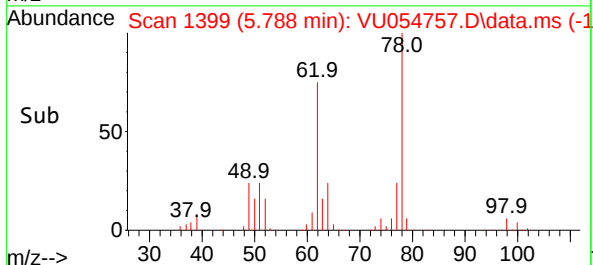
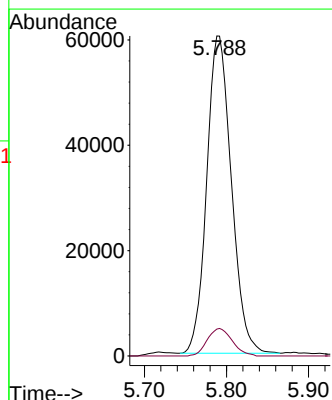
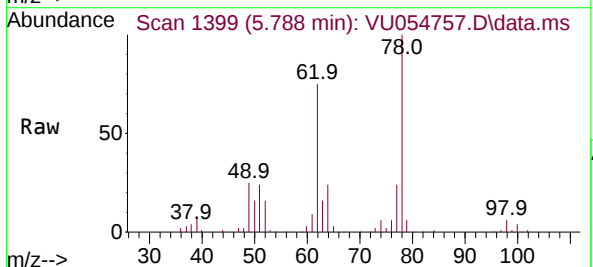
Acq: 03 Jul 2023 18:33

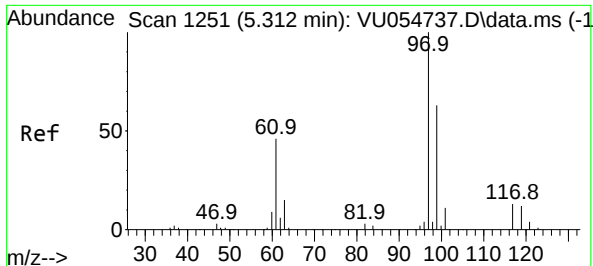
Tgt Ion: 62 Resp: 125920

Ion Ratio Lower Upper

62 100

98 8.4 7.8 11.6





#29

1,1,1-Trichloroethane

Concen: 4.585 ug/L

RT: 5.312 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054757.D

Acq: 03 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTD005087

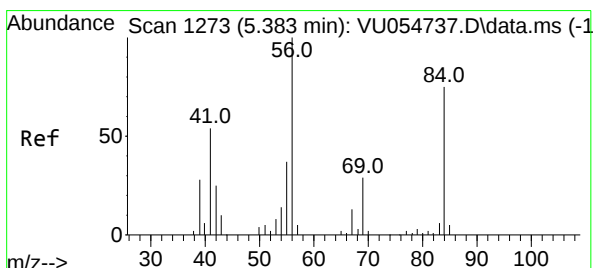
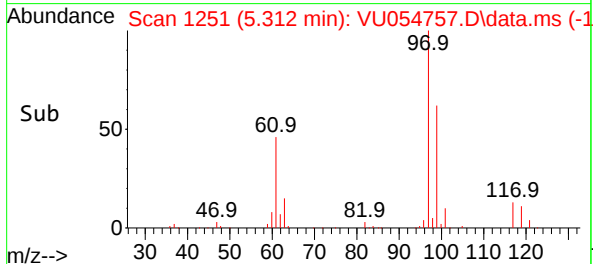
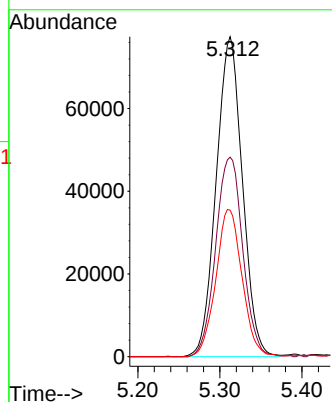
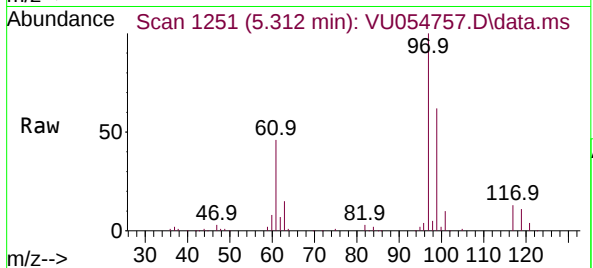
Tgt Ion: 97 Resp: 171965

Ion Ratio Lower Upper

97 100

99 64.4 50.8 76.2

61 46.1 36.1 54.1



#30

Cyclohexane

Concen: 3.517 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VU054757.D

Acq: 03 Jul 2023 18:33

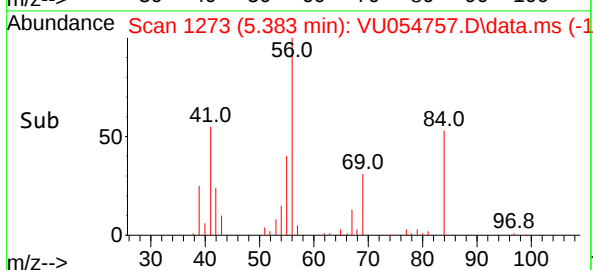
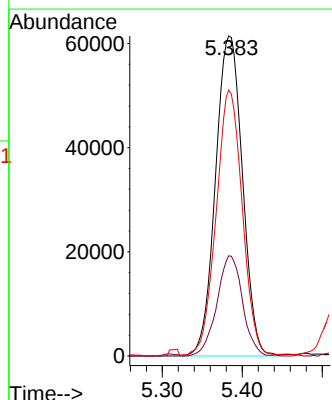
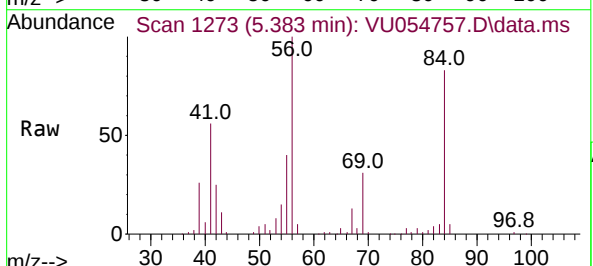
Tgt Ion: 56 Resp: 143673

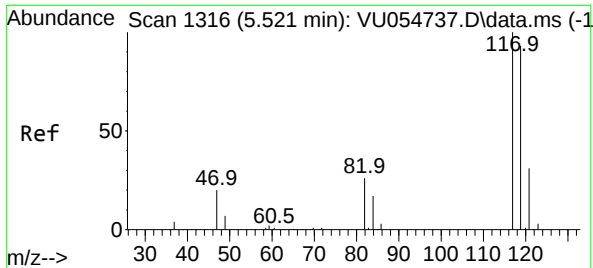
Ion Ratio Lower Upper

56 100

69 29.7 23.9 35.9

84 79.5 63.0 94.6

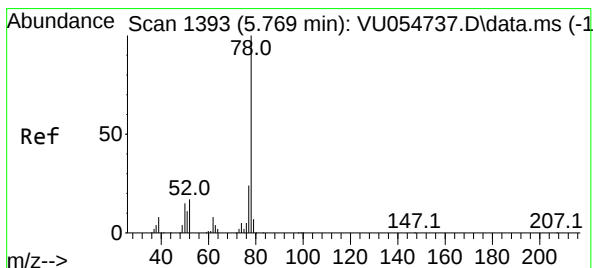
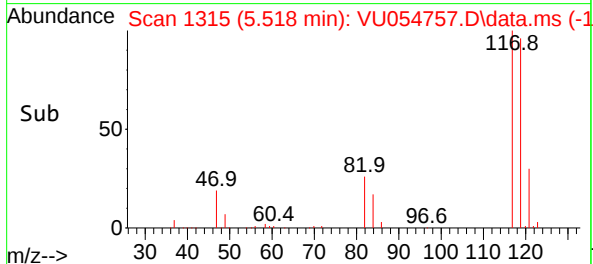
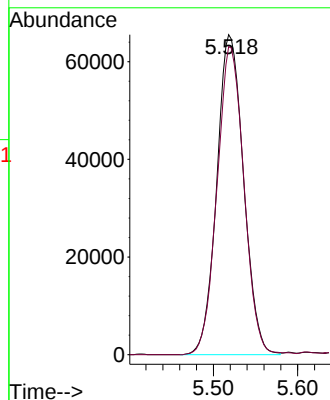
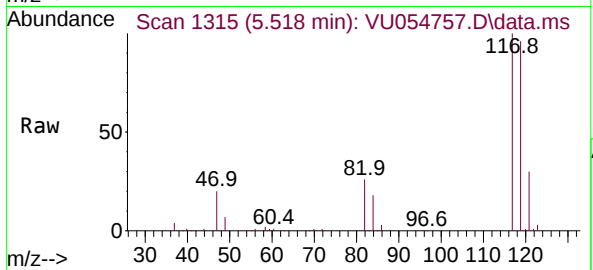




#31
Carbon tetrachloride
Concen: 4.476 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

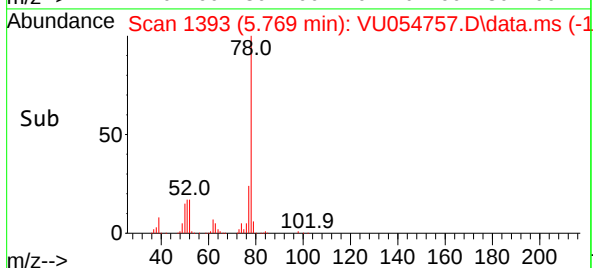
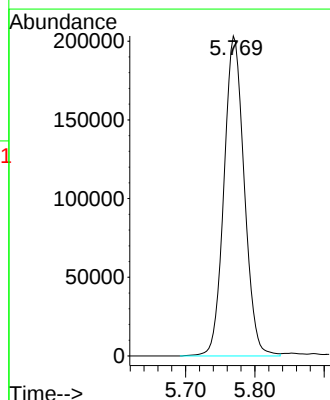
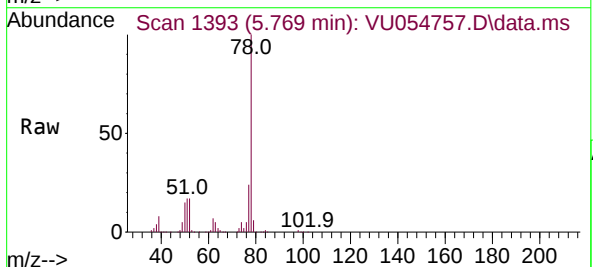
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

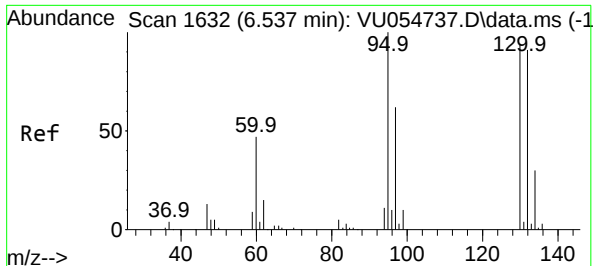
Tgt Ion:117 Resp: 144658
Ion Ratio Lower Upper
117 100
119 96.7 76.8 115.2



#33
Benzene
Concen: 4.169 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

Tgt Ion: 78 Resp: 414365

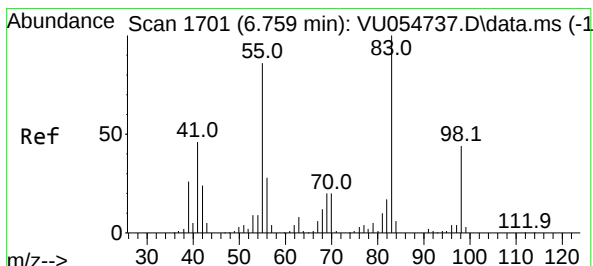
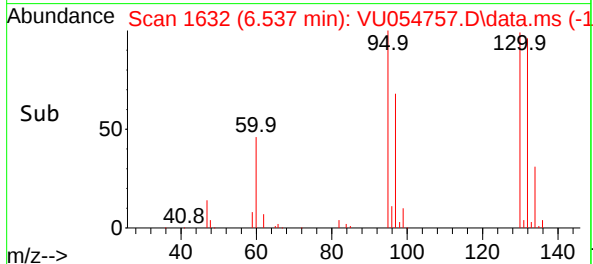
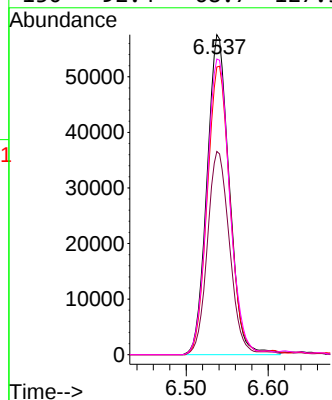
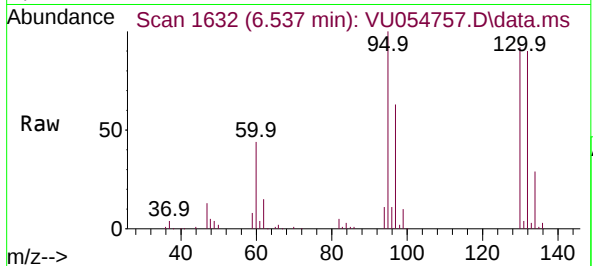




#34
Trichloroethene
Concen: 4.146 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

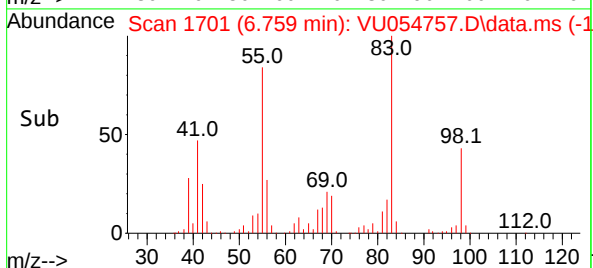
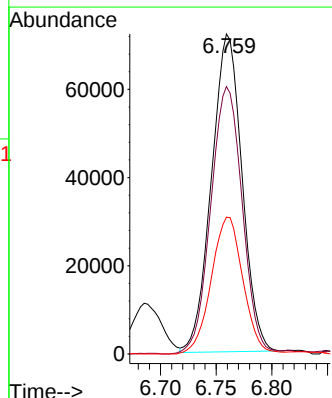
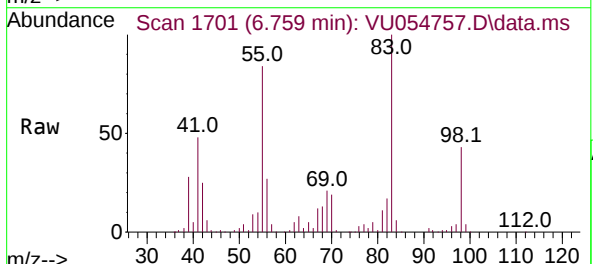
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

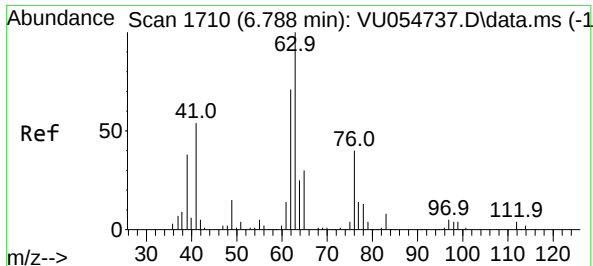
Tgt Ion: 95 Resp: 108981
Ion Ratio Lower Upper
95 100
97 63.5 46.8 87.0
132 89.9 68.4 127.0
130 92.4 68.7 127.5



#35
Methylcyclohexane
Concen: 3.462 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

Tgt Ion: 83 Resp: 137524
Ion Ratio Lower Upper
83 100
55 86.8 67.1 100.7
98 44.7 35.1 52.7





#37

1,2-Dichloropropane

Concen: 4.489 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU054757.D

Acq: 03 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

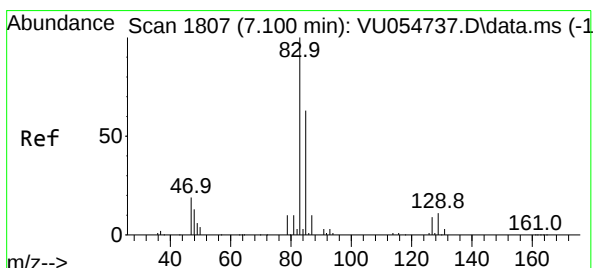
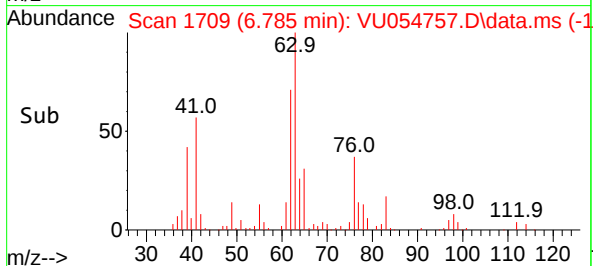
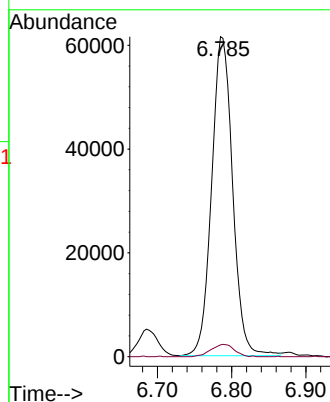
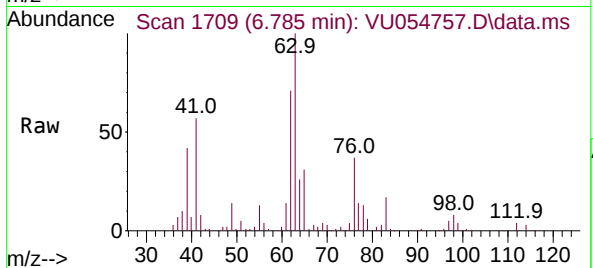
VSTD005087

Tgt Ion: 63 Resp: 120655

Ion Ratio Lower Upper

63 100

112 4.3 3.0 4.6



#38

Bromodichloromethane

Concen: 4.887 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VU054757.D

Acq: 03 Jul 2023 18:33

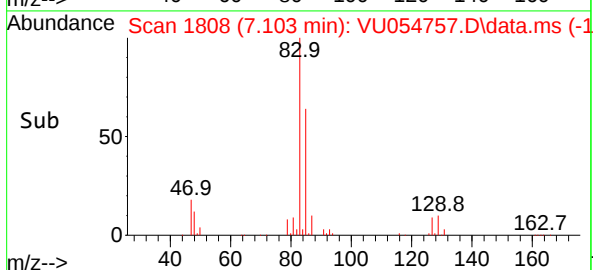
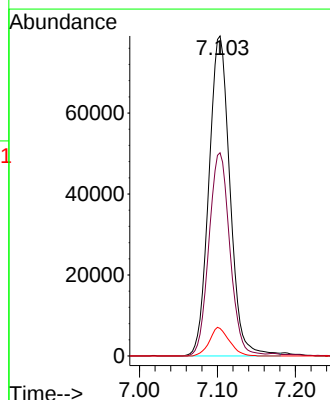
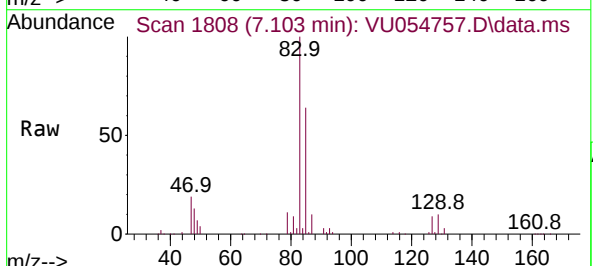
Tgt Ion: 83 Resp: 148661

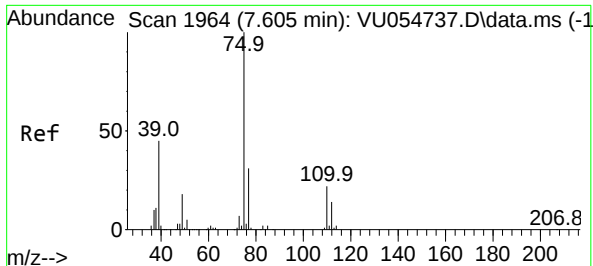
Ion Ratio Lower Upper

83 100

85 63.5 44.1 81.9

127 8.6 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.443 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU054757.D

Acq: 03 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

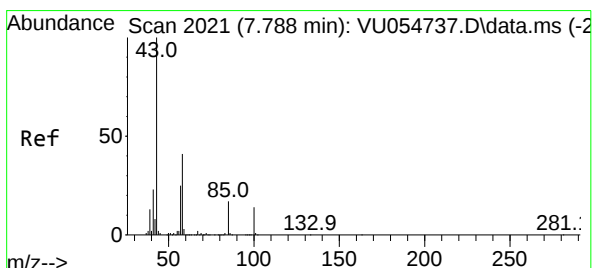
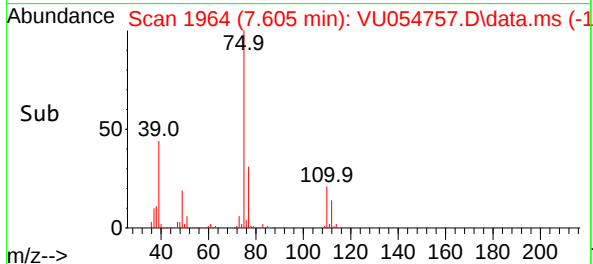
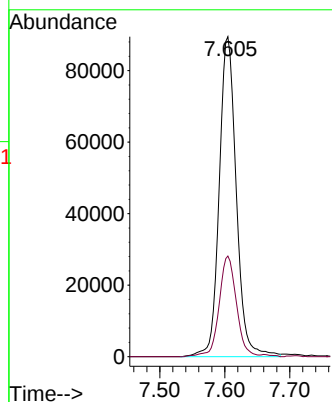
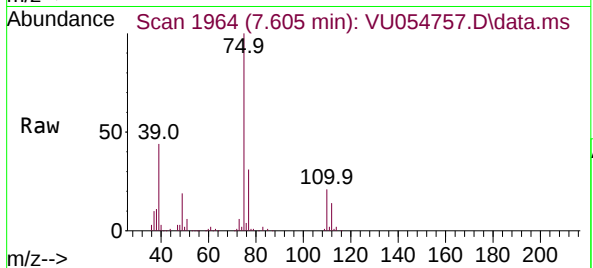
VSTD005087

Tgt Ion: 75 Resp: 163029

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 52.491 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU054757.D

Acq: 03 Jul 2023 18:33

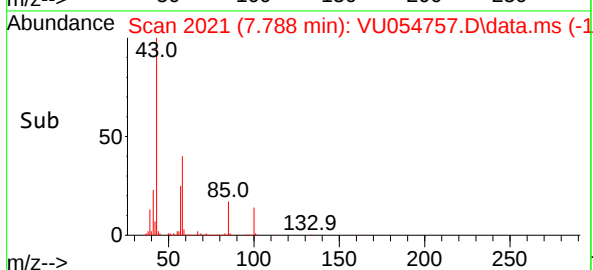
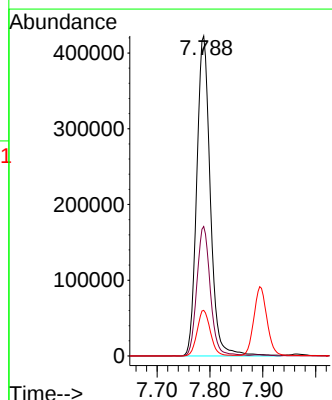
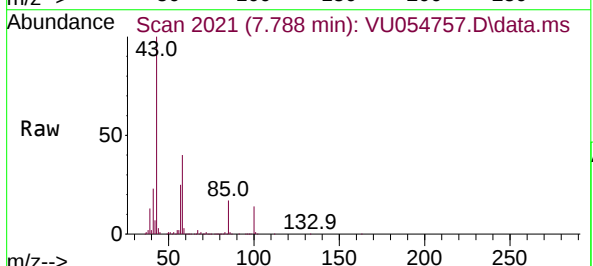
Tgt Ion: 43 Resp: 752818

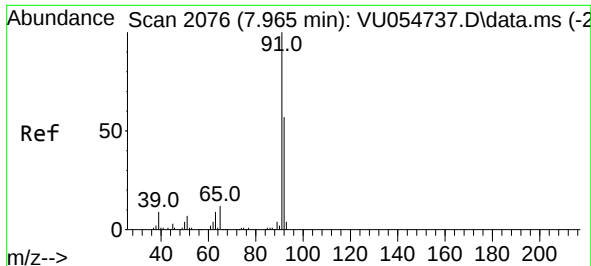
Ion Ratio Lower Upper

43 100

58 40.2 32.4 48.6

100 14.0 11.4 17.2





#42

Toluene

Concen: 4.446 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU054757.D

Acq: 03 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

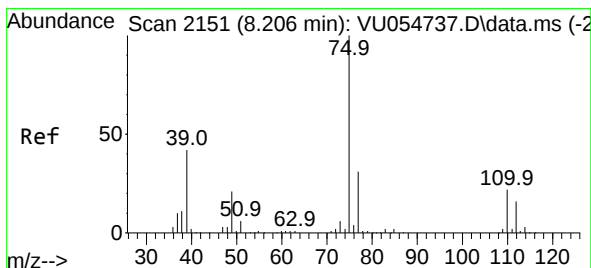
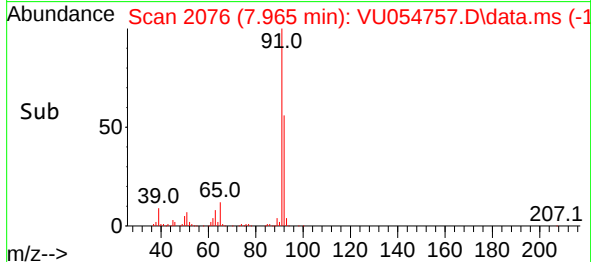
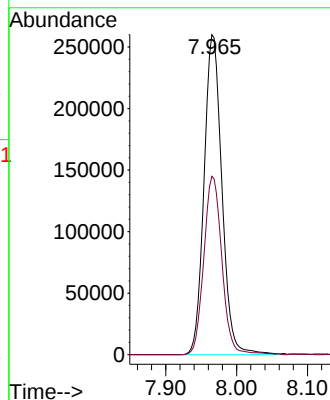
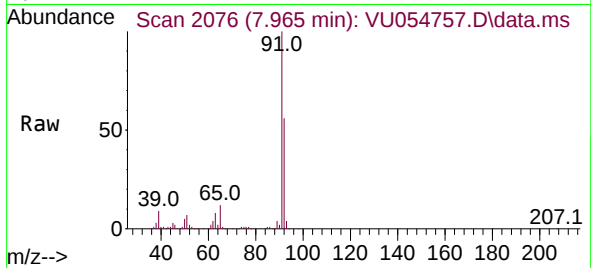
VSTD005087

Tgt Ion: 91 Resp: 455098

Ion Ratio Lower Upper

91 100

92 55.7 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 4.721 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU054757.D

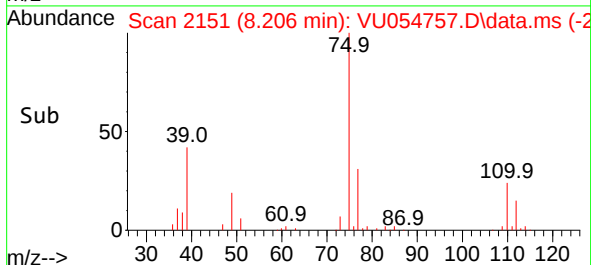
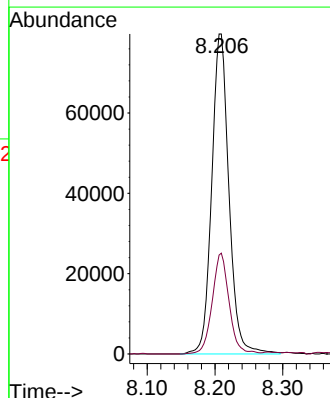
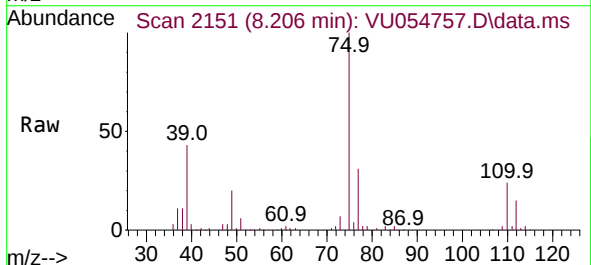
Acq: 03 Jul 2023 18:33

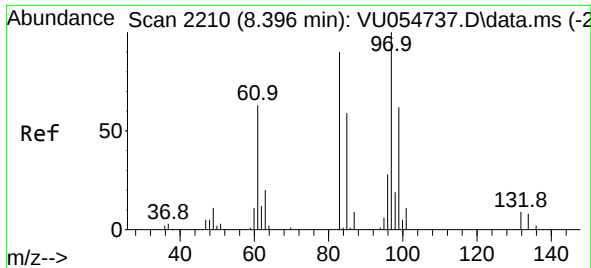
Tgt Ion: 75 Resp: 140591

Ion Ratio Lower Upper

75 100

77 30.9 21.3 39.6

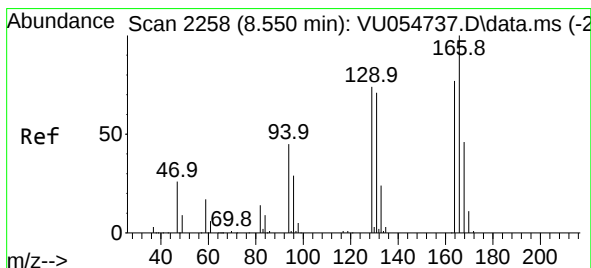
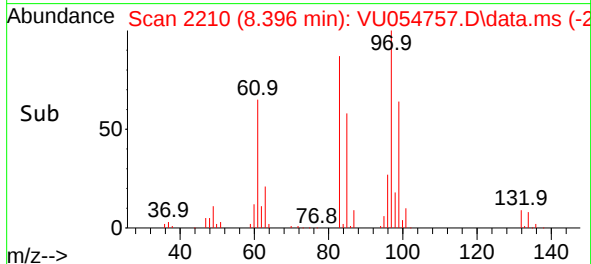
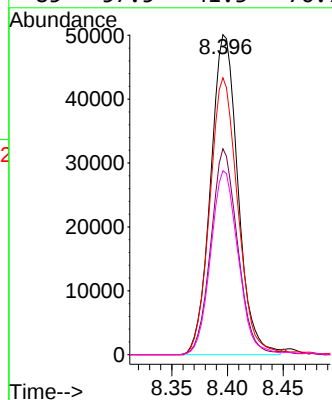
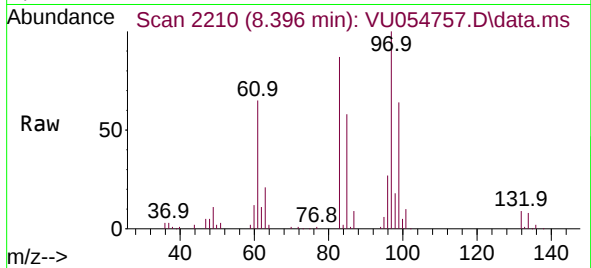




#45
1,1,2-Trichloroethane
Concen: 5.004 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

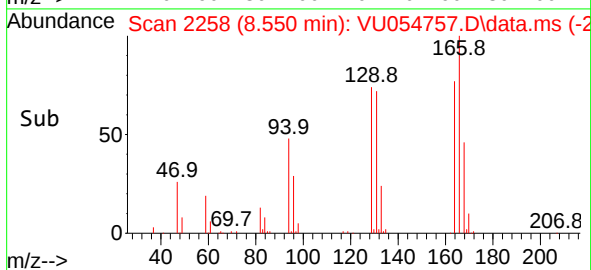
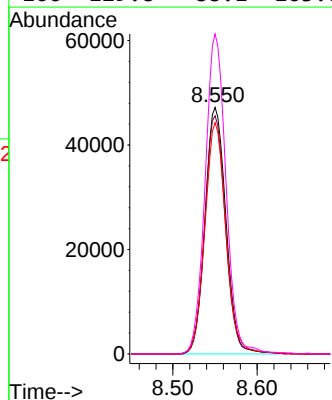
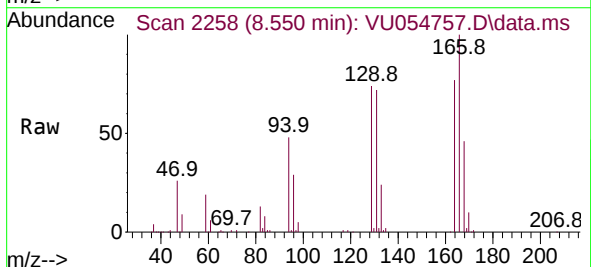
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

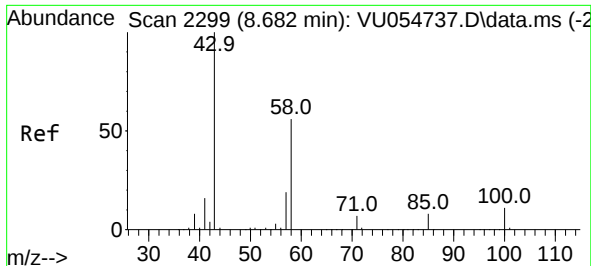
Tgt Ion: 97	Resp: 85547
Ion Ratio	Lower Upper
97 100	
99 64.4	43.0 80.0
83 86.6	63.8 118.6
85 57.5	41.3 76.7



#47
Tetrachloroethene
Concen: 4.051 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

Tgt	Ion:164	Resp:	81495
Ion	Ratio	Lower	Upper
164	100		
129	96.6	67.7	125.7
131	93.8	64.6	120.0
166	129.8	88.1	163.7



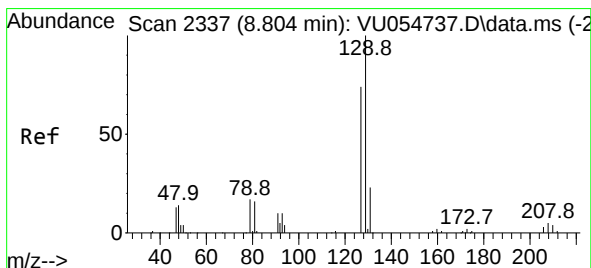
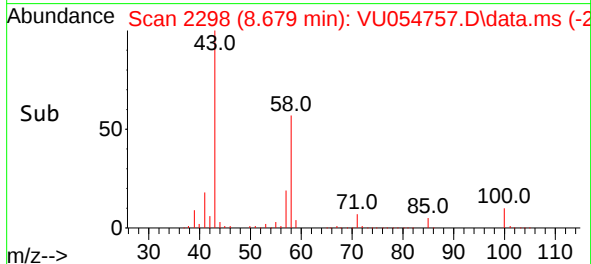
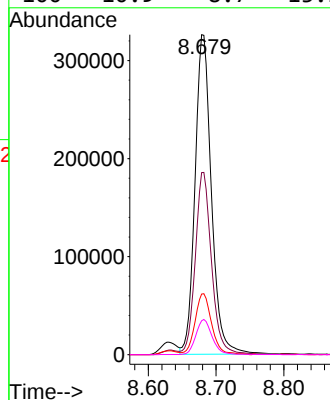
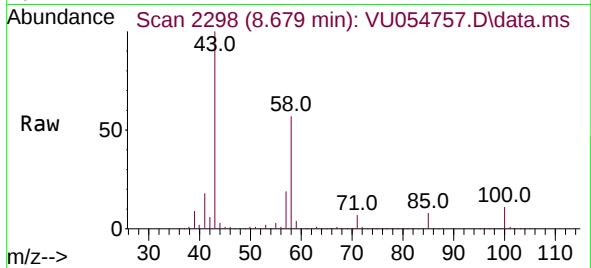


#48
2-Hexanone
Concen: 51.245 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

Tgt Ion: 43 Resp: 547622

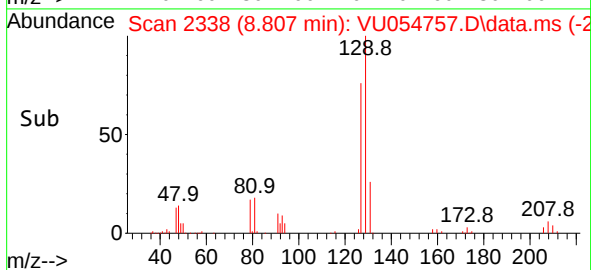
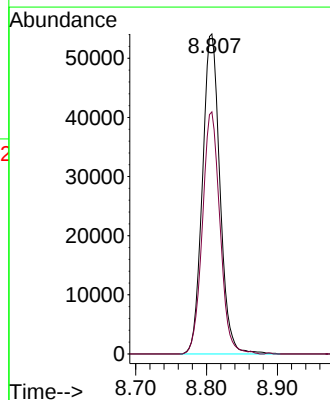
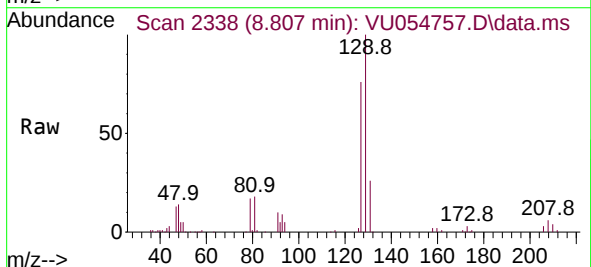
Ion	Ratio	Lower	Upper
43	100		
58	56.5	45.2	67.8
57	19.5	15.8	23.6
100	10.9	8.7	13.1

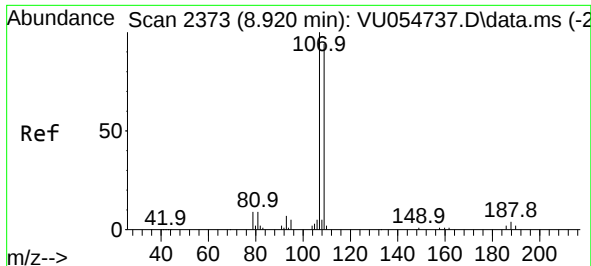


#49
Dibromochloromethane
Concen: 5.175 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

Tgt Ion: 129 Resp: 92897

Ion	Ratio	Lower	Upper
129	100		
127	75.6	53.2	98.8

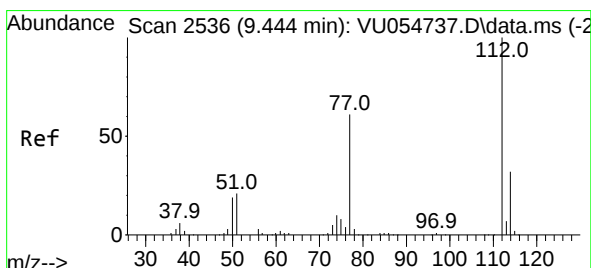
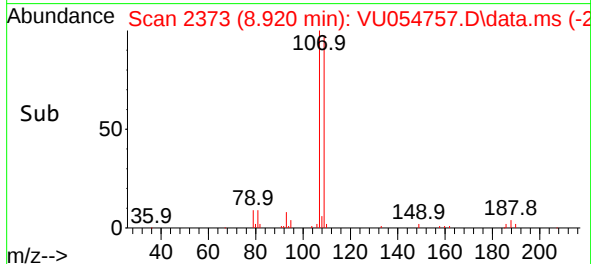
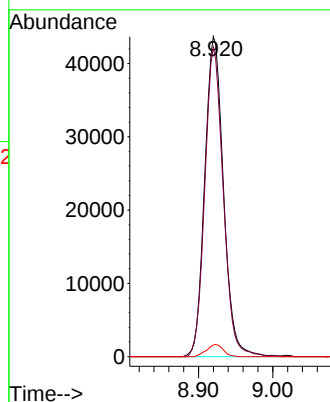
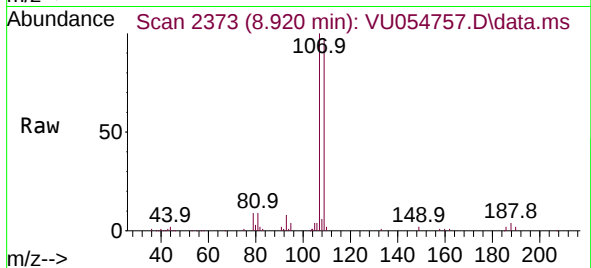




#50
1,2-Dibromoethane
Concen: 4.886 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

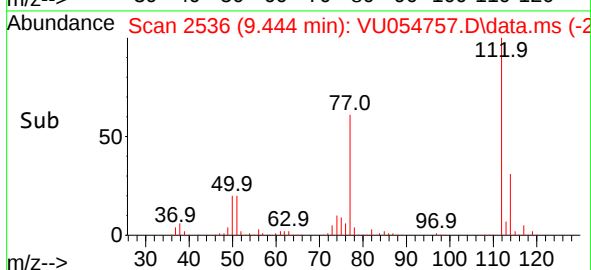
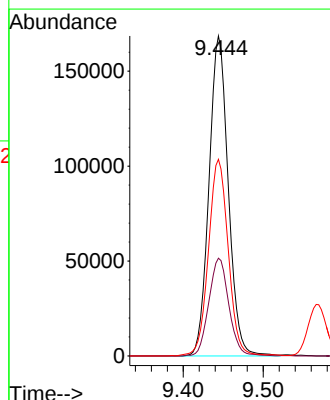
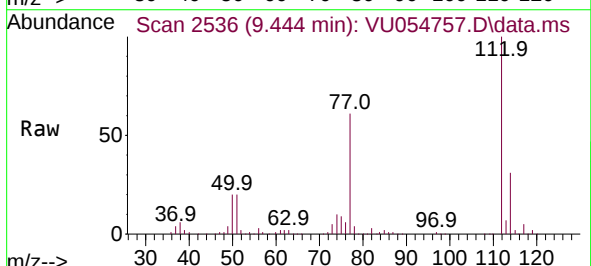
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

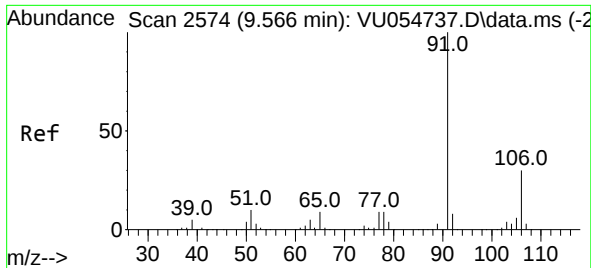
Tgt Ion:	107	Resp:	76691
Ion	Ratio	Lower	Upper
107	100		
109	96.6	66.6	123.6
188	3.7	3.1	4.7



#51
Chlorobenzene
Concen: 4.424 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

Tgt Ion:	112	Resp:	282251
Ion	Ratio	Lower	Upper
112	100		
114	30.6	22.7	42.1
77	61.5	49.8	74.8

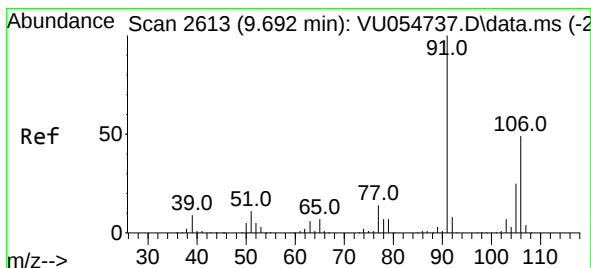
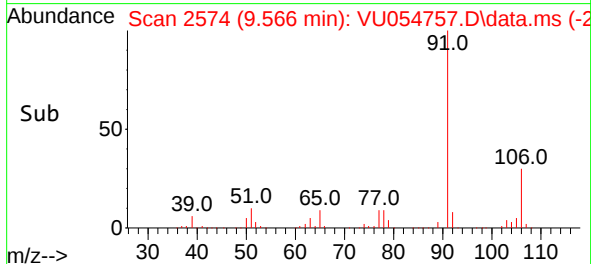
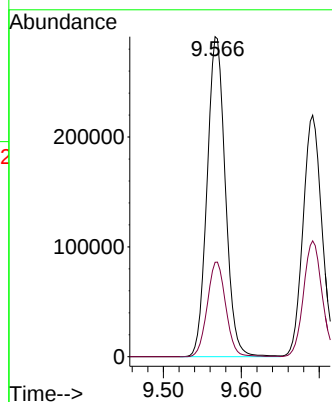
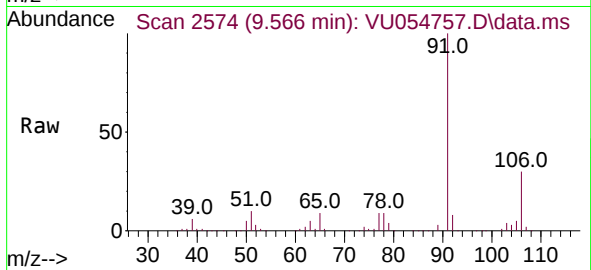




#52
Ethylbenzene
Concen: 4.238 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

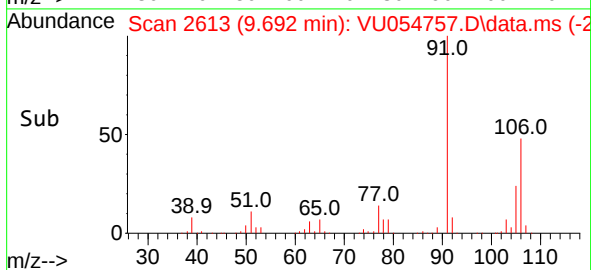
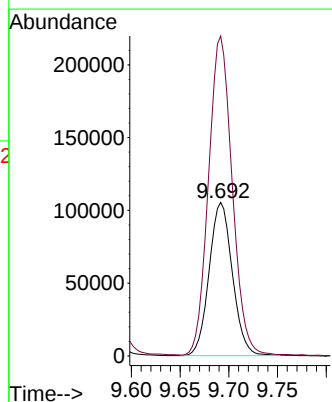
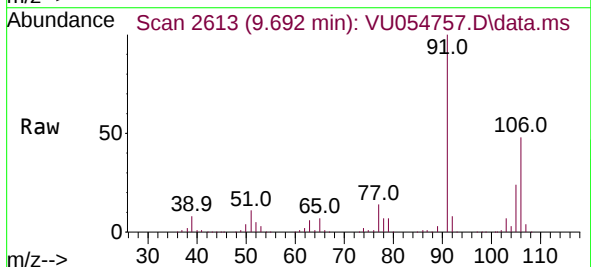
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

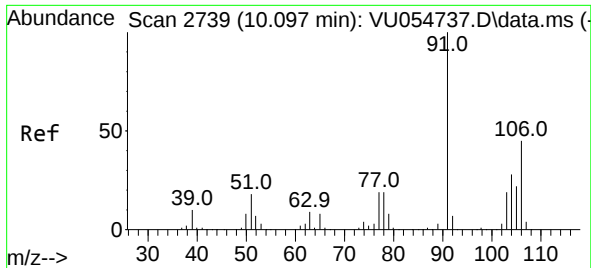
Tgt Ion: 91 Resp: 473732
Ion Ratio Lower Upper
91 100
106 29.5 21.1 39.3



#53
m,p-Xylene
Concen: 4.260 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

Tgt Ion: 106 Resp: 174930
Ion Ratio Lower Upper
106 100
91 208.4 147.0 273.0

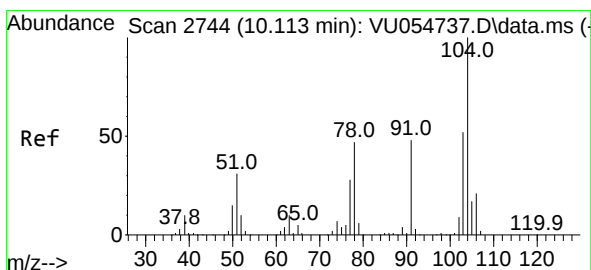
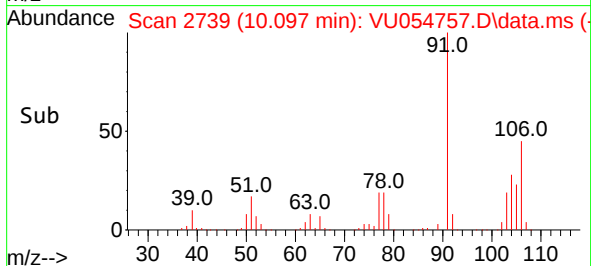
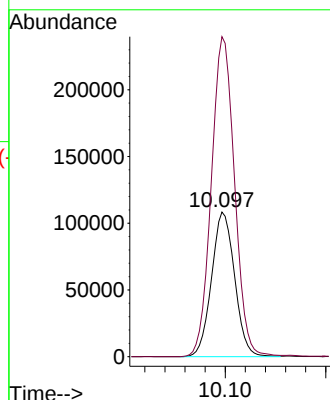
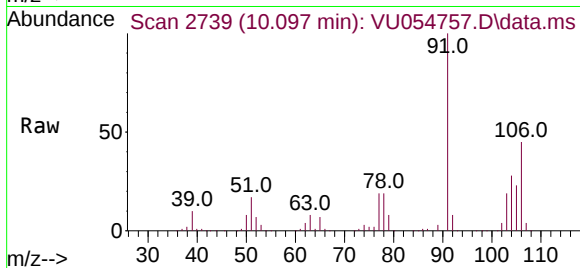




#54
o-Xylene
Concen: 4.356 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

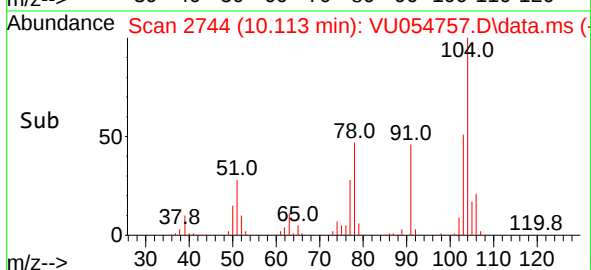
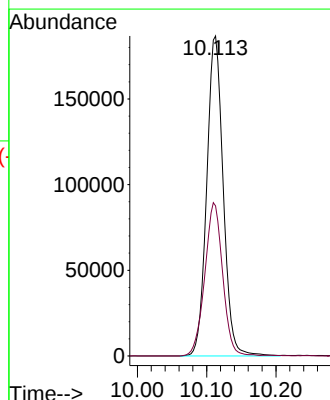
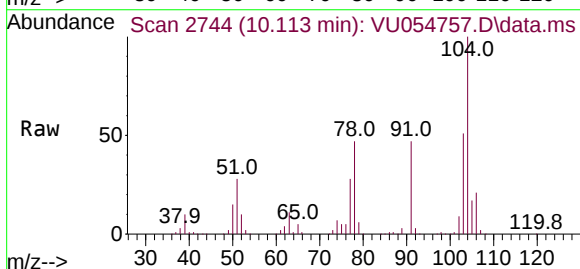
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

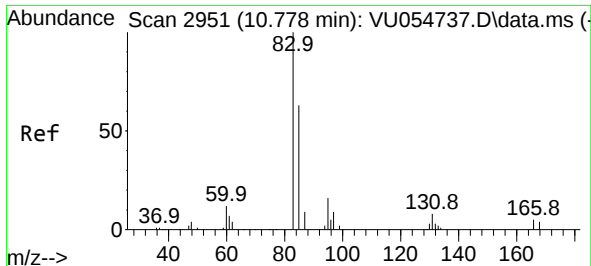
Tgt Ion:106 Resp: 172975
Ion Ratio Lower Upper
106 100
91 221.3 154.5 286.9



#55
Styrene
Concen: 4.617 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

Tgt Ion:104 Resp: 307744
Ion Ratio Lower Upper
104 100
78 46.9 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.123 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU054757.D

Acq: 03 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTD005087

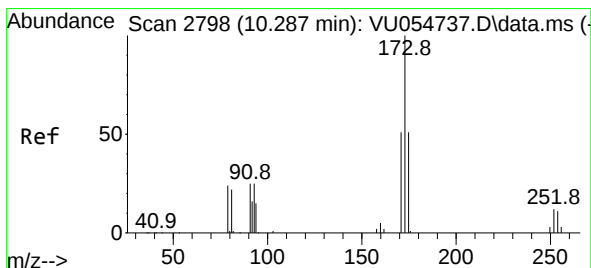
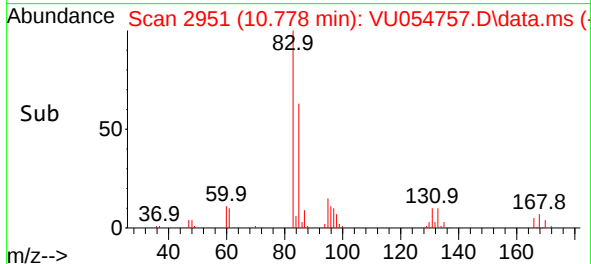
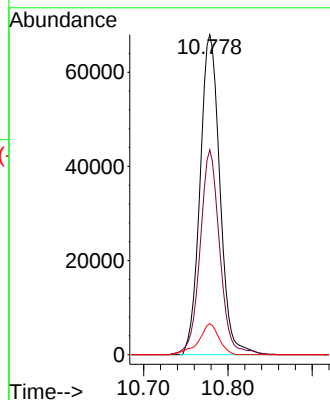
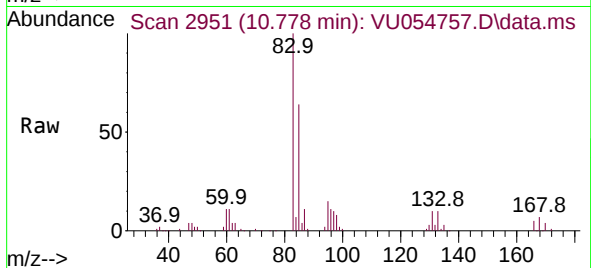
Tgt Ion: 83 Resp: 111263

Ion Ratio Lower Upper

83 100

85 64.0 44.2 82.2

131 9.7 7.0 10.6



#59

Bromoform

Concen: 5.649 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU054757.D

Acq: 03 Jul 2023 18:33

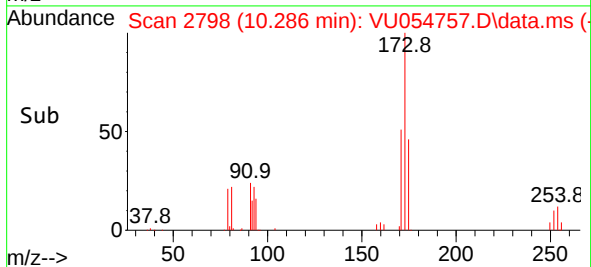
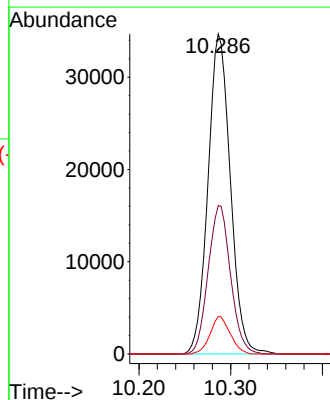
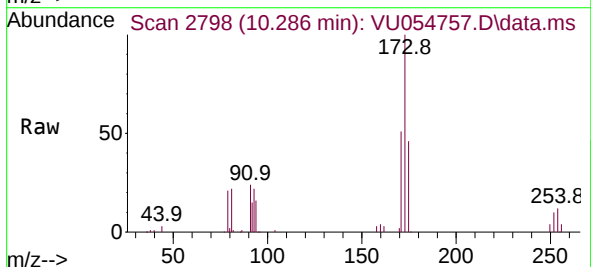
Tgt Ion:173 Resp: 58721

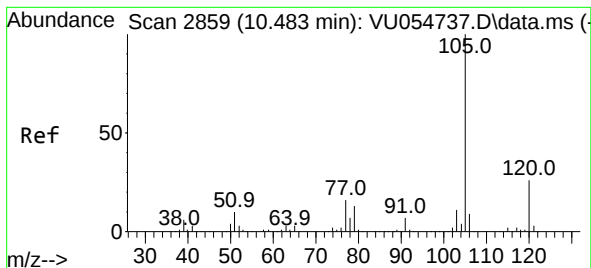
Ion Ratio Lower Upper

173 100

175 46.4 39.4 59.0

254 10.5 8.6 12.8





#60

Isopropylbenzene

Concen: 4.557 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. -0.000 min

Lab File: VU054757.D

Acq: 03 Jul 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTD005087

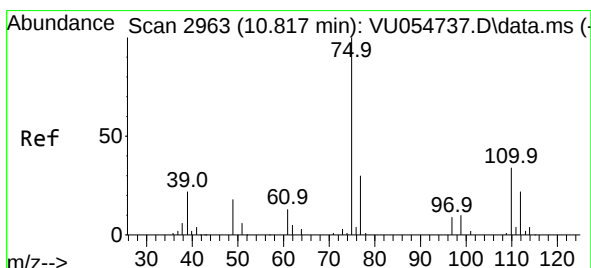
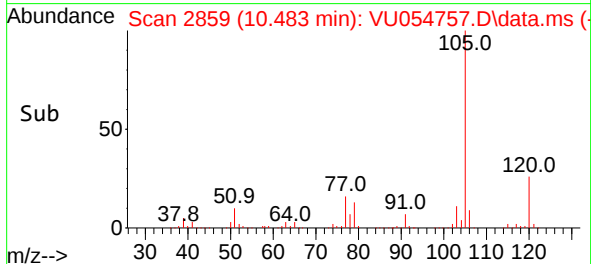
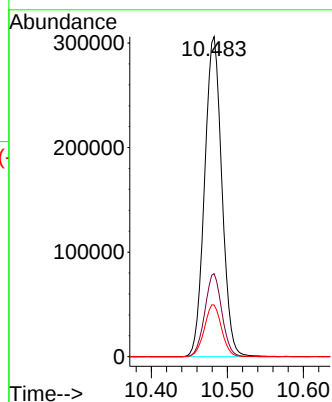
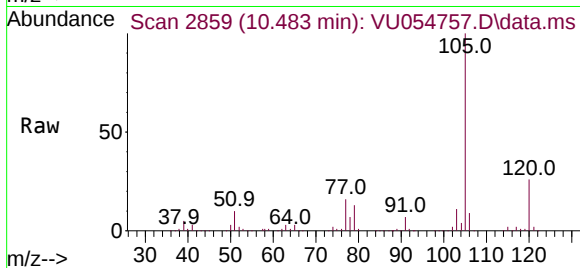
Tgt Ion:105 Resp: 482747

Ion Ratio Lower Upper

105 100

120 25.6 20.9 31.3

77 16.2 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.082 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. 0.003 min

Lab File: VU054757.D

Acq: 03 Jul 2023 18:33

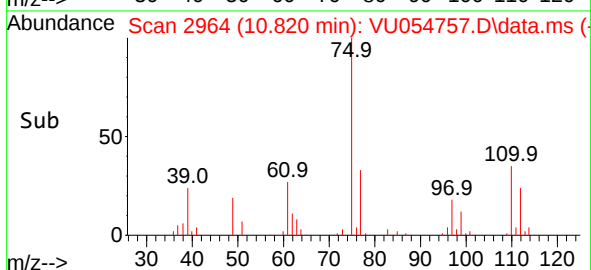
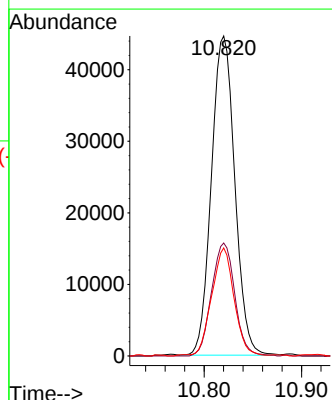
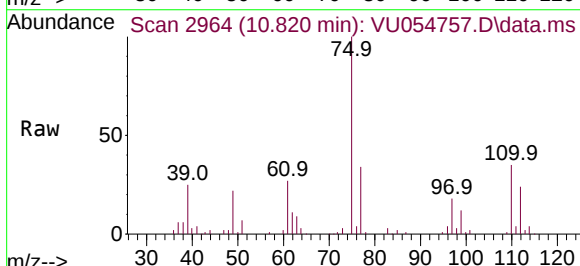
Tgt Ion: 75 Resp: 74368

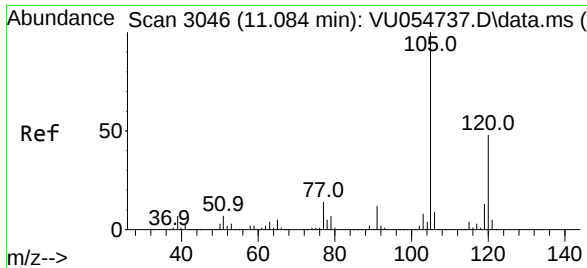
Ion Ratio Lower Upper

75 100

110 35.1 28.0 42.0

77 32.7 25.4 38.2

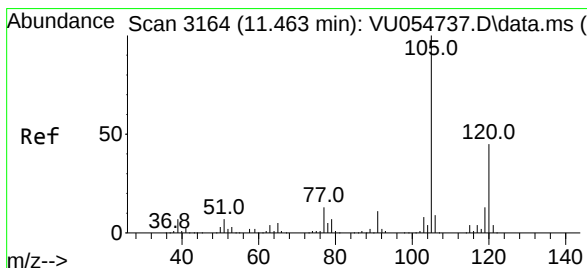
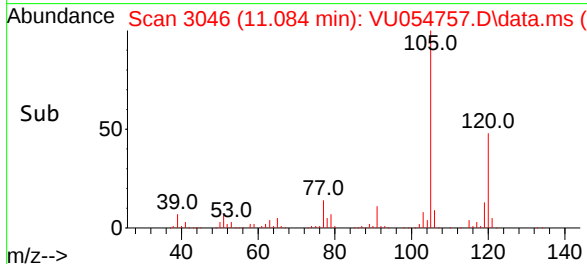
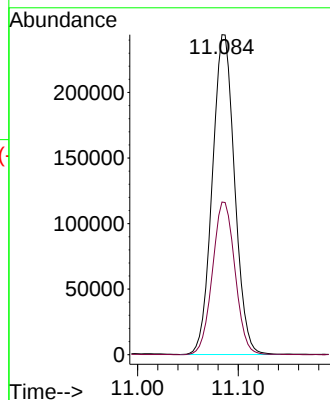
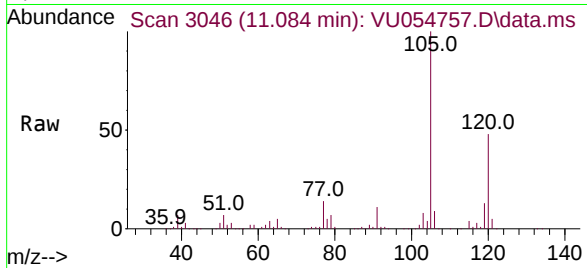




#62
1,3,5-Trimethylbenzene
Concen: 4.348 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

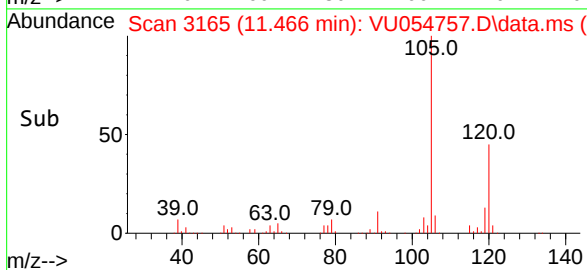
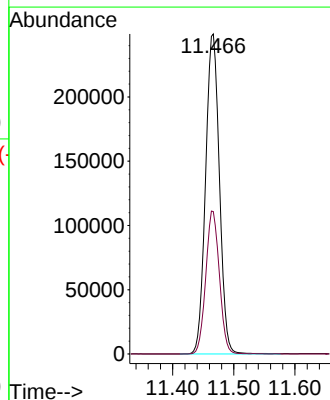
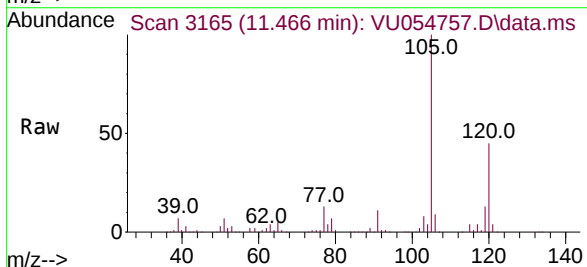
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

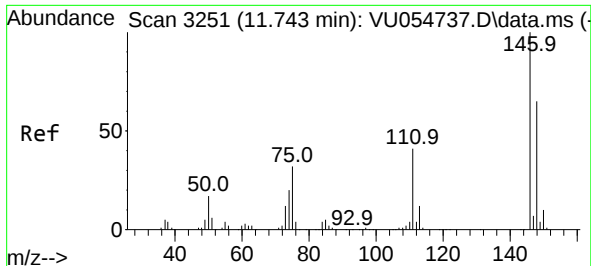
Tgt Ion:105 Resp: 375746
Ion Ratio Lower Upper
105 100
120 48.4 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 4.465 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

Tgt Ion:105 Resp: 391899
Ion Ratio Lower Upper
105 100
120 43.9 35.4 53.0

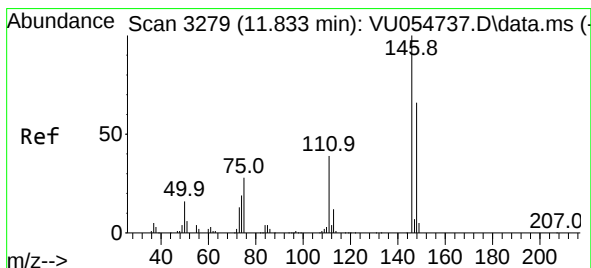
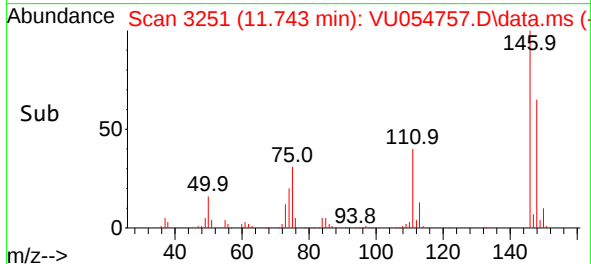
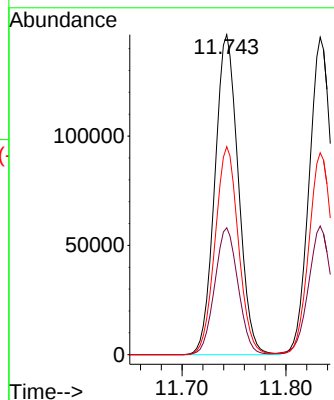
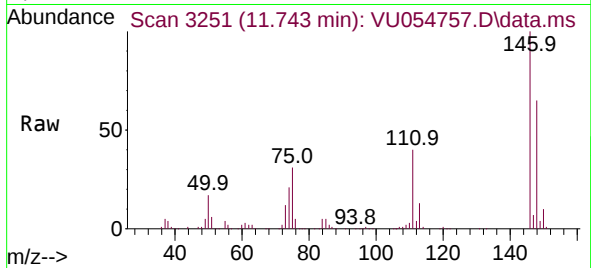




#64
1,3-Dichlorobenzene
Concen: 4.650 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

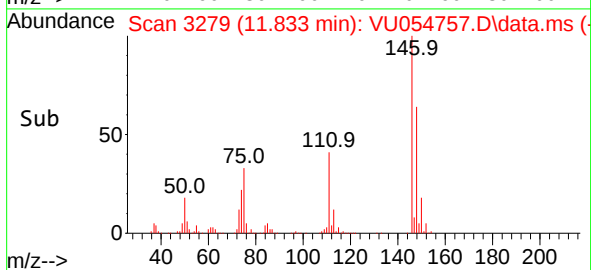
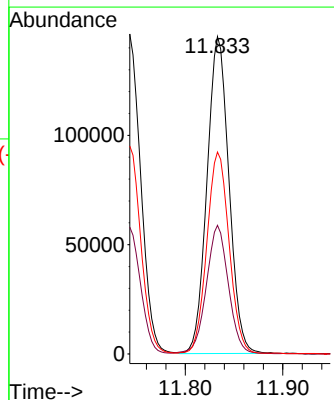
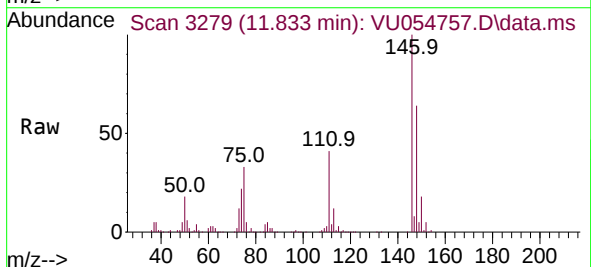
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

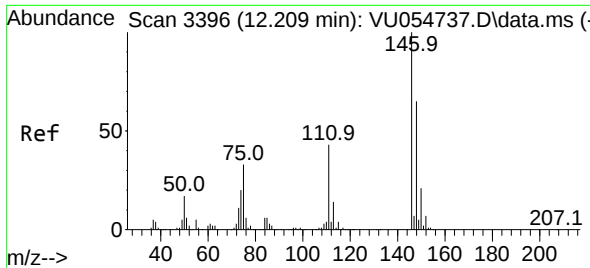
Tgt Ion:146 Resp: 230224
Ion Ratio Lower Upper
146 100
111 39.7 28.9 53.7
148 65.0 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 4.556 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

Tgt Ion:146 Resp: 226391
Ion Ratio Lower Upper
146 100
111 40.5 28.0 52.0
148 63.6 44.7 83.1

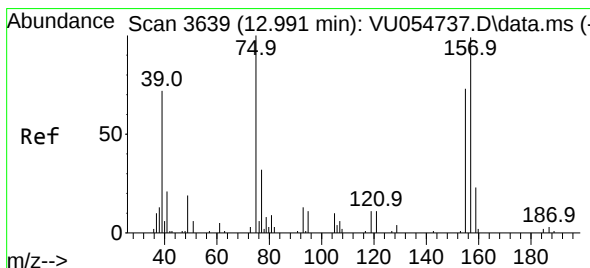
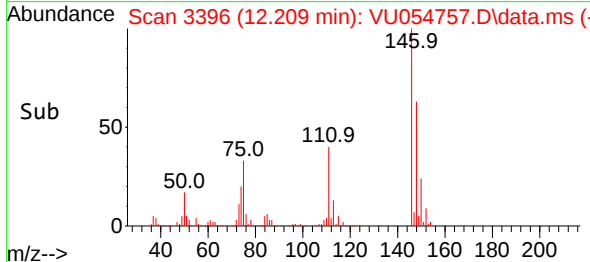
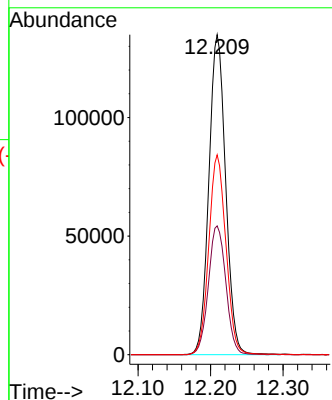
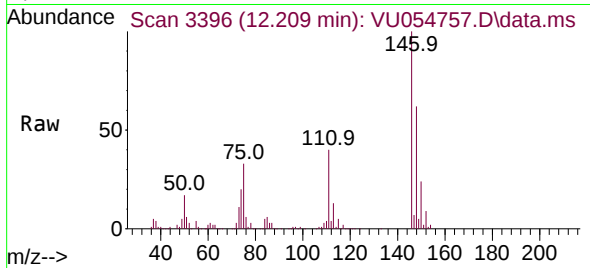




#67
1,2-Dichlorobenzene
Concen: 4.759 ug/L
RT: 12.209 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

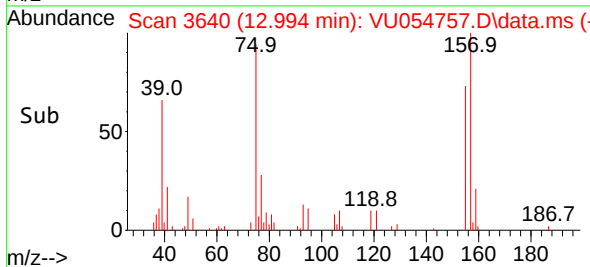
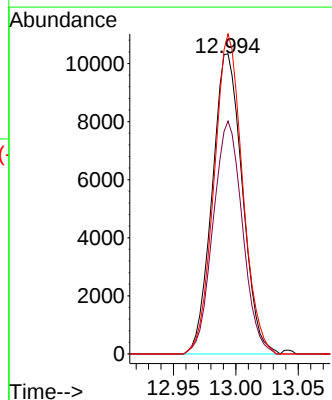
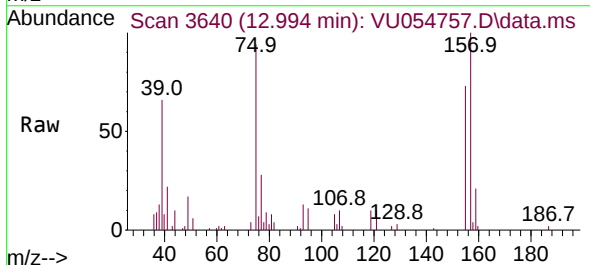
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

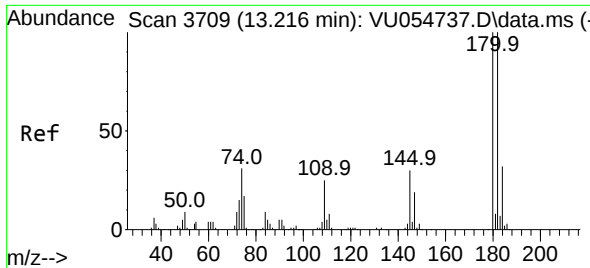
Tgt Ion:146 Resp: 216729
Ion Ratio Lower Upper
146 100
111 40.3 34.5 51.7
148 62.5 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 5.404 ug/L
RT: 12.994 min Scan# 3640
Delta R.T. 0.003 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

Tgt Ion: 75 Resp: 17378
Ion Ratio Lower Upper
75 100
155 77.5 65.7 98.5
157 106.6 84.2 126.2

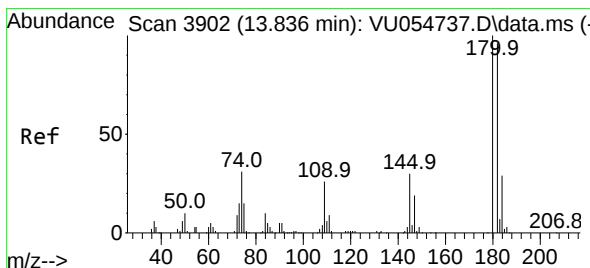
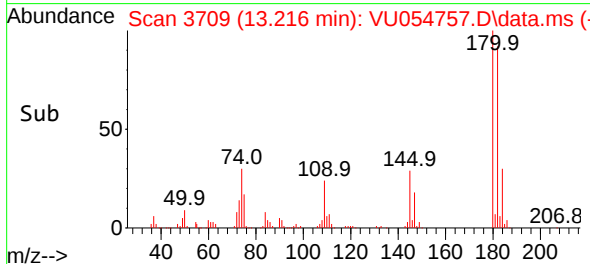
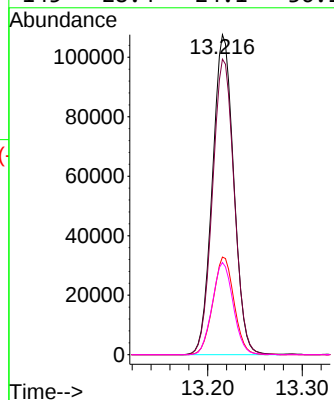
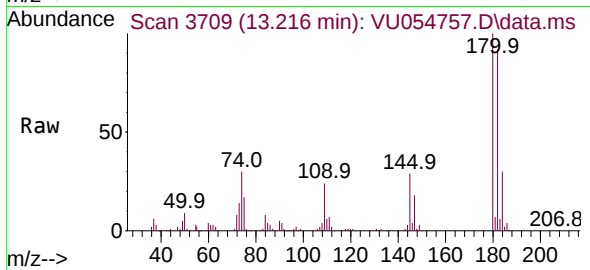




#69
 1,3,5-Trichlorobenzene
 Concen: 4.501 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. -0.000 min
 Lab File: VU054757.D
 Acq: 03 Jul 2023 18:33

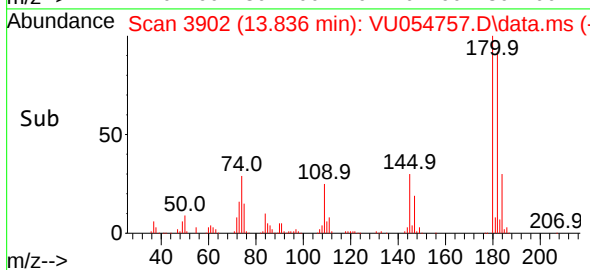
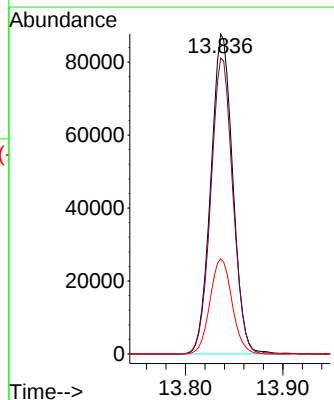
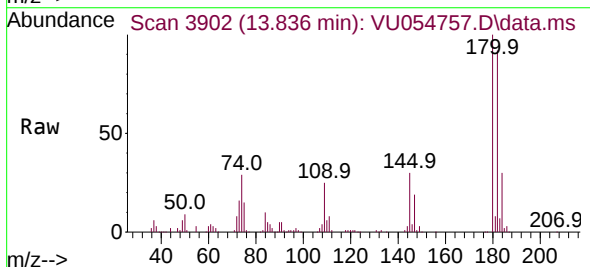
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005087

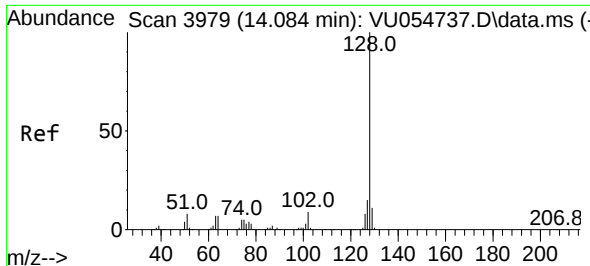
Tgt Ion:180	Resp: 168152
Ion Ratio	Lower Upper
180	100
182	94.1 75.0 112.6
184	30.2 24.1 36.1
145	28.4 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.442 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU054757.D
 Acq: 03 Jul 2023 18:33

Tgt Ion:180	Resp: 137211
Ion Ratio	Lower Upper
180	100
182	92.8 76.6 114.8
145	29.9 24.0 36.0

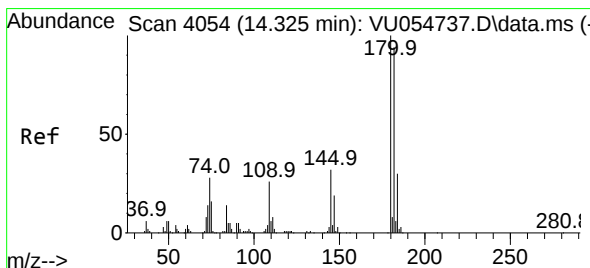
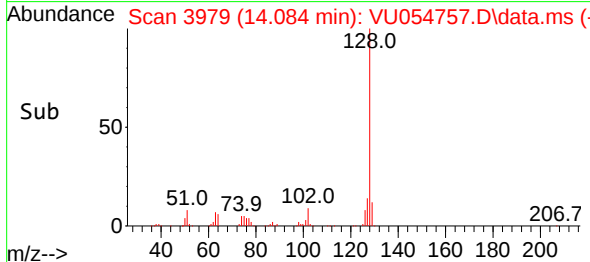
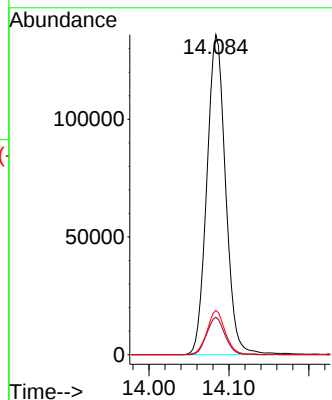
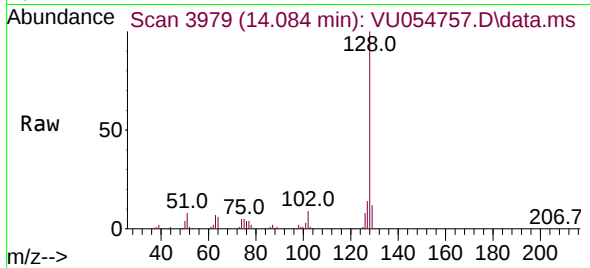




#71
Naphthalene
Concen: 4.410 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

Tgt Ion:128 Resp: 221523
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.5 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.788 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU054757.D
Acq: 03 Jul 2023 18:33

Tgt Ion:180 Resp: 127077
Ion Ratio Lower Upper
180 100
182 96.1 75.4 113.2
145 32.8 26.0 39.0

