

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059722.D
 Acq On : 02 Jul 2024 06:27
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 02 07:23:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	207910	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	200703	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	106028	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	41086	2.842	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.800%
7) Chloroethane-d5	1.908	69	46990	3.378	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.600%
11) 1,1-Dichloroethene-d2	2.560	65	20410	3.403	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	4.621	46	156501	52.553	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.100%
24) Chloroform-d	5.055	84	126160	4.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.695	65	59745	4.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	5.721	84	237262	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.682	67	75622	4.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.891	98	218533	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	8.174	79	23920	4.513	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.624	63	137087	62.251	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.500%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	67643	4.837	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	87897	4.658	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	72870	4.136	ug/L	98
3) Chloromethane	1.518	50	80686	4.255	ug/L	98
5) Vinyl chloride	1.602	62	90950	4.342	ug/L	99
6) Bromomethane	1.853	94	39550	2.716	ug/L	98
8) Chloroethane	1.930	64	58631	4.646	ug/L	100
9) Trichlorofluoromethane	2.133	101	114746	4.551	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	70280	4.403	ug/L	92
12) 1,1-Dichloroethene	2.573	96	71620	4.857	ug/L	81
13) Acetone	2.631	43	93102	48.196	ug/L	96
14) Carbon disulfide	2.789	76	217519	4.421	ug/L	100
15) Methyl Acetate	2.949	43	24537	4.813	ug/L	95
16) Methylene chloride	3.039	84	81519	4.665	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	172952	5.443	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	74328	4.847	ug/L	92
19) 1,1-Dichloroethane	3.859	63	136637	4.832	ug/L	98
21) 2-Butanone	4.698	43	159306	51.415	ug/L	89
22) cis-1,2-Dichloroethene	4.660	96	87605	5.183	ug/L	94
23) Bromochloromethane	4.965	128	39347	5.106	ug/L	87
25) Chloroform	5.078	83	144197	4.841	ug/L	99

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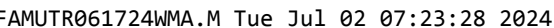
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 MSVOA_U
 ClientSampleId :

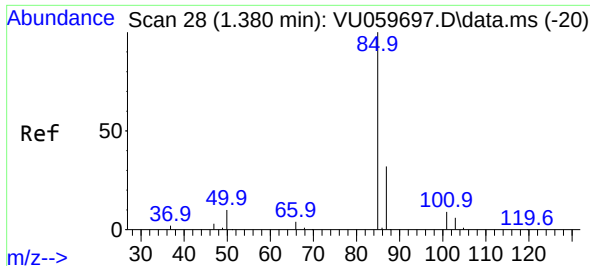
Quant Time: Jul 02 07:23:25 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	86441	4.789	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	116236	5.015	ug/L	98
30) Cyclohexane	5.380	56	104426	5.103	ug/L	95
31) Carbon tetrachloride	5.515	117	95044	4.898	ug/L	98
33) Benzene	5.766	78	315455	5.176	ug/L	100
34) Trichloroethene	6.534	95	83833	5.079	ug/L	96
35) Methylcyclohexane	6.756	83	116312	4.952	ug/L	93
37) 1,2-Dichloropropane	6.782	63	81182	5.147	ug/L #	98
38) Bromodichloromethane	7.097	83	101805	5.171	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	108489	5.030	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	413492	56.577	ug/L	97
42) Toluene	7.962	91	347012	5.378	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	87829	5.073	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	61809	5.318	ug/L	97
47) Tetrachloroethene	8.547	164	69319	5.412	ug/L	96
48) 2-Hexanone	8.676	43	299741	57.466	ug/L #	97
49) Dibromochloromethane	8.801	129	67460	5.240	ug/L	96
50) 1,2-Dibromoethane	8.917	107	58773	5.476	ug/L	99
51) Chlorobenzene	9.441	112	214383	5.238	ug/L	95
52) Ethylbenzene	9.563	91	353864	5.346	ug/L	96
53) m,p-Xylene	9.689	106	142791	5.617	ug/L	99
54) o-Xylene	10.094	106	133705	5.542	ug/L	99
55) Styrene	10.107	104	224808	5.474	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	74615	5.292	ug/L	99
59) Bromoform	10.283	173	41175	5.074	ug/L #	98
60) Isopropylbenzene	10.476	105	349408	5.335	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	49378	5.040	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	278660	5.370	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	282249	5.690	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	176718	5.305	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	179984	5.249	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	164634	5.252	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	10127	5.299	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.213	180	130928	5.309	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	108443	5.733	ug/L	99
71) Naphthalene	14.081	128	165001	6.094	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	97584	5.556	ug/L	98

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

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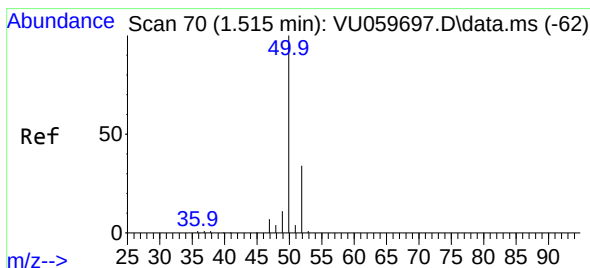
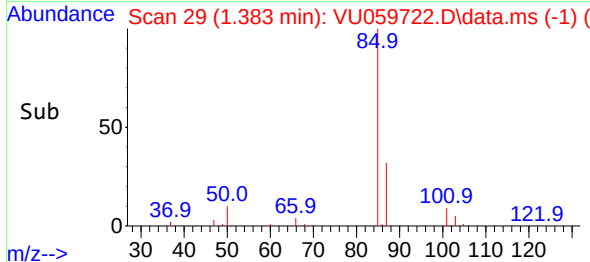
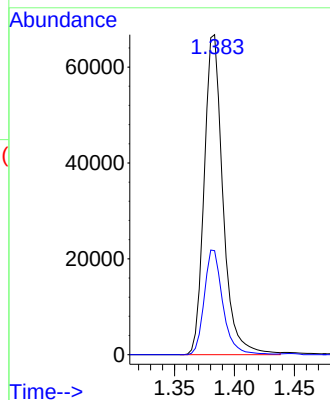
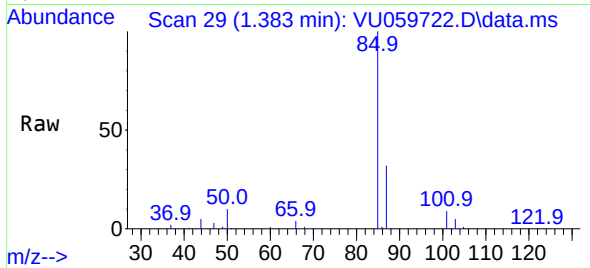




#2
Dichlorodifluoromethane
Concen: 4.136 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

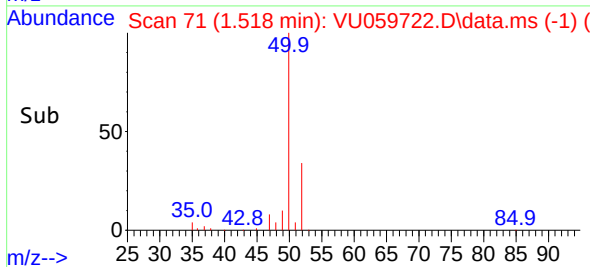
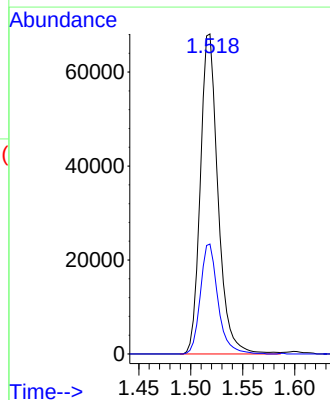
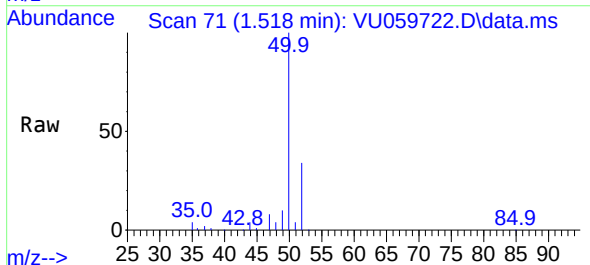
Instrument :
MSVOA_U
ClientSampleId :

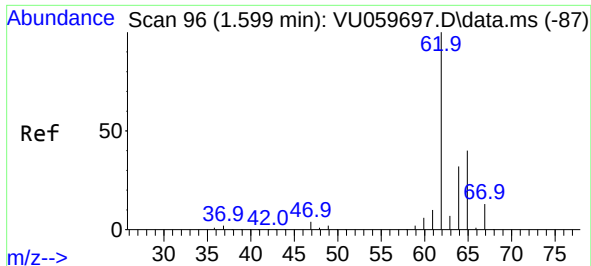
Tgt Ion: 85 Resp: 72870
Ion Ratio Lower Upper
85 100
87 32.4 26.6 40.0



#3
Chloromethane
Concen: 4.255 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Tgt Ion: 50 Resp: 80686
Ion Ratio Lower Upper
50 100
52 34.3 23.2 43.0

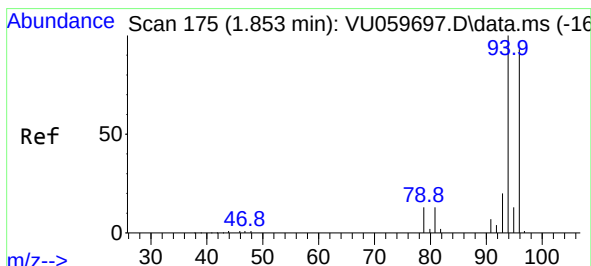
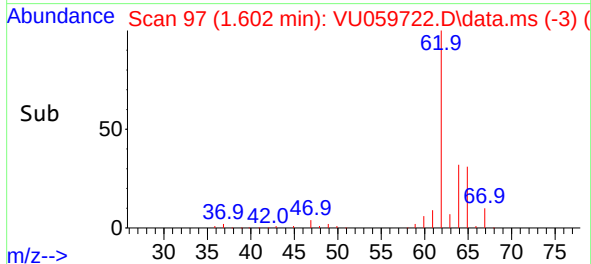
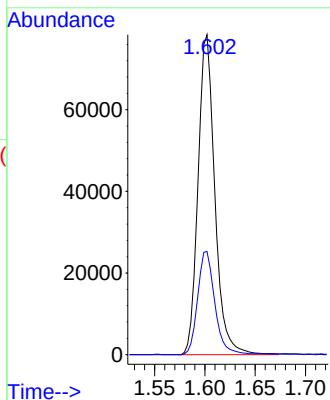
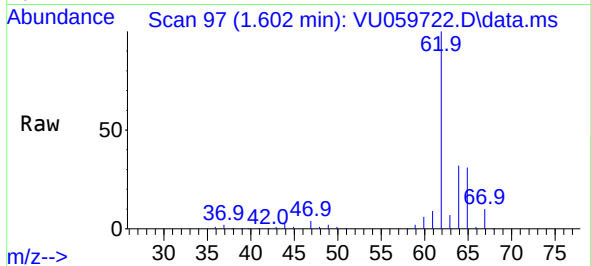




#5
Vinyl chloride
Concen: 4.342 ug/L
RT: 1.602 min Scan# 91
Delta R.T. 0.003 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

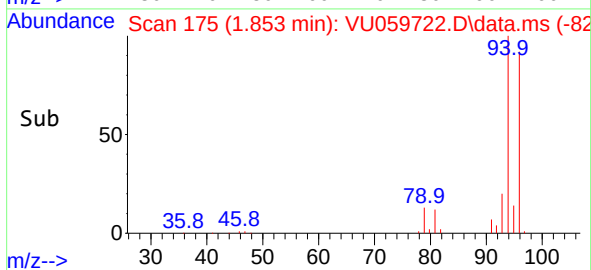
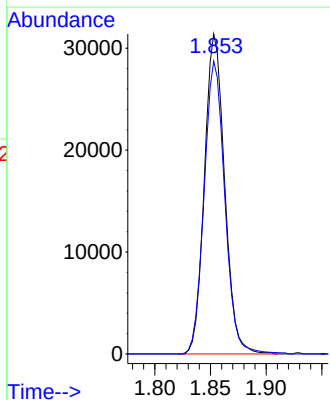
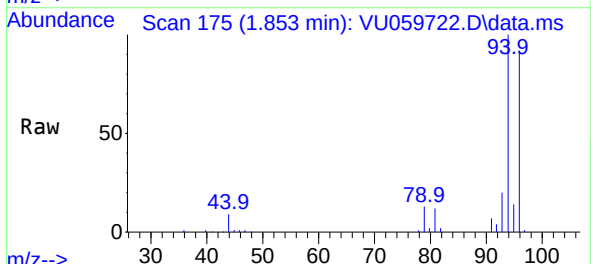
Instrument :
MSVOA_U
ClientSampleId :

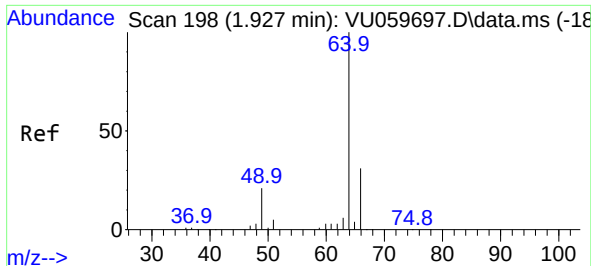
Tgt Ion: 62 Resp: 90950
Ion Ratio Lower Upper
62 100
64 32.3 23.1 42.9



#6
Bromomethane
Concen: 2.716 ug/L
RT: 1.853 min Scan# 175
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Tgt Ion: 94 Resp: 39550
Ion Ratio Lower Upper
94 100
96 91.5 62.9 116.9

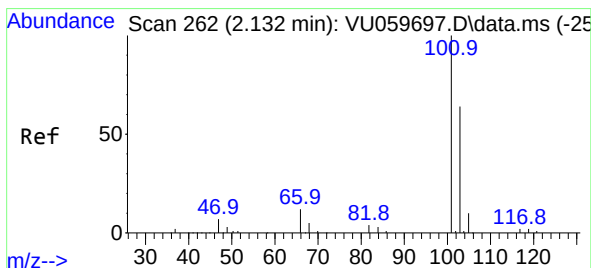
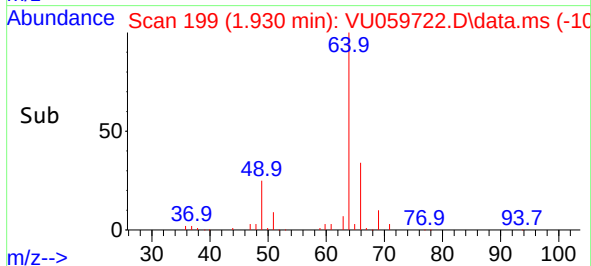
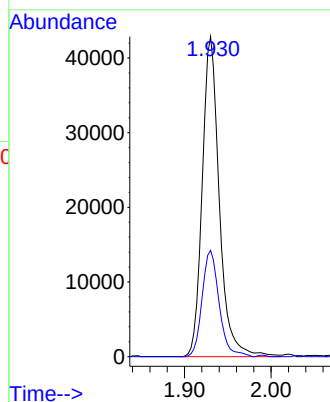
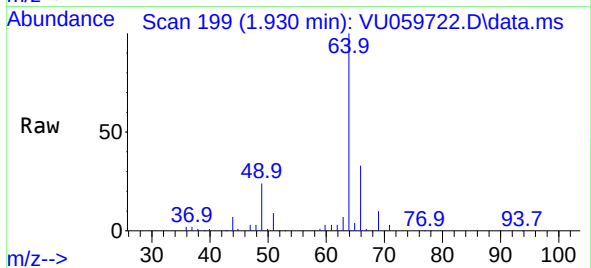




#8
Chloroethane
Concen: 4.646 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

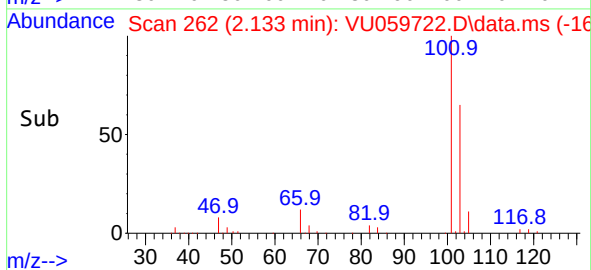
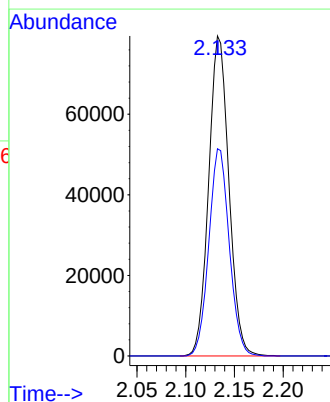
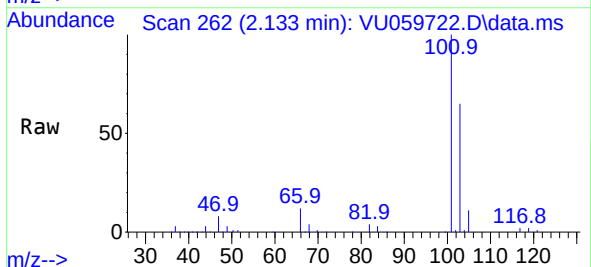
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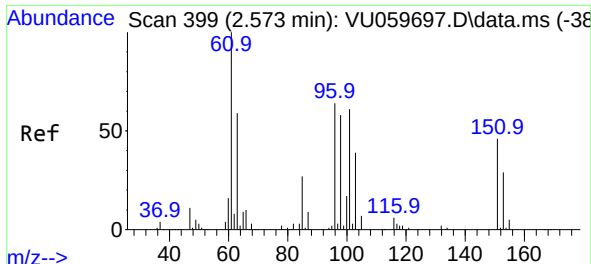
Tgt Ion: 64 Resp: 58631
Ion Ratio Lower Upper
64 100
66 33.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.551 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Tgt Ion:101 Resp: 114746
Ion Ratio Lower Upper
101 100
103 65.4 52.6 79.0

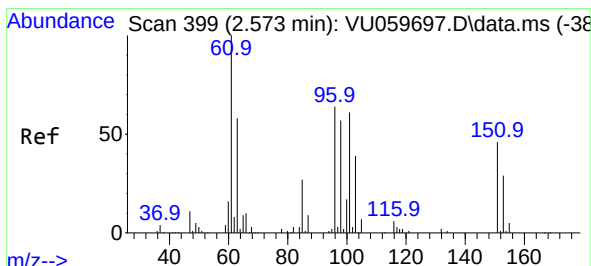
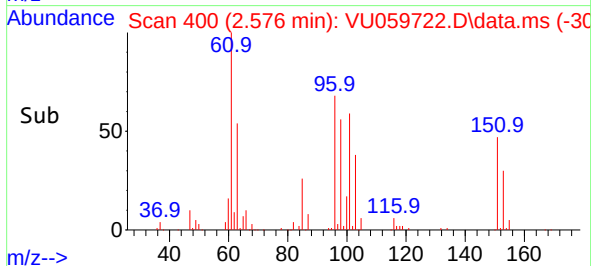
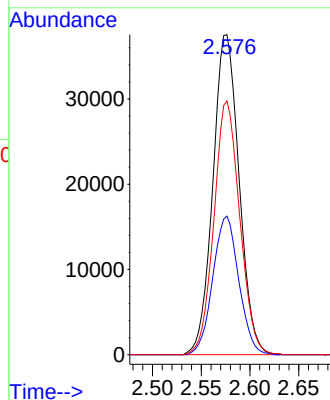
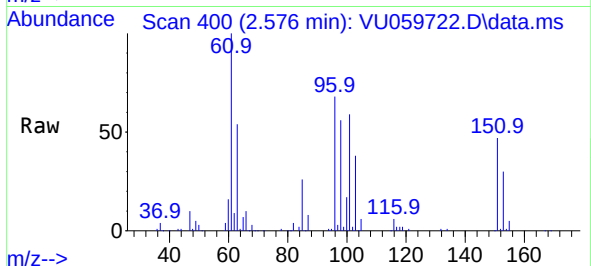




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.403 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

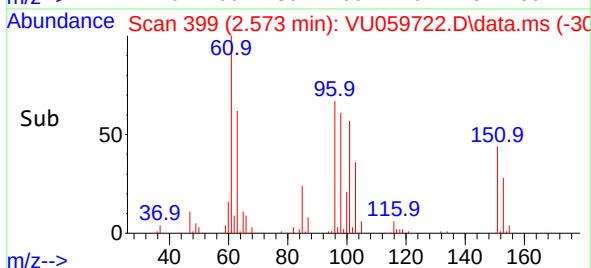
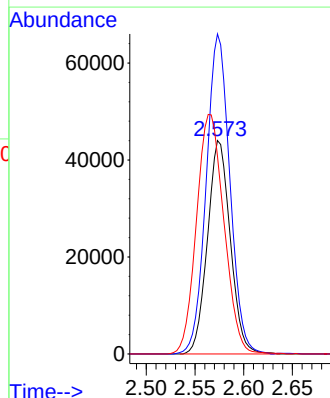
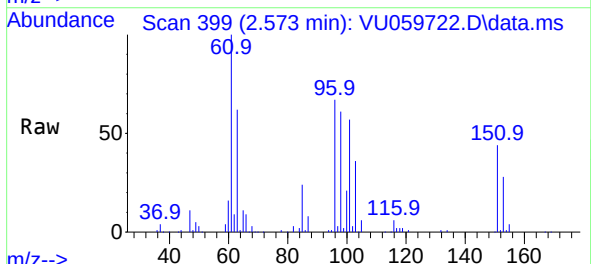
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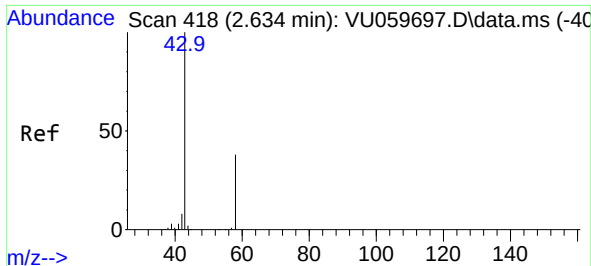
Tgt Ion:101 Resp: 70280
Ion Ratio Lower Upper
101 100
85 42.9 36.2 54.4
151 78.2 55.5 83.3



#12
1,1-Dichloroethene
Concen: 4.857 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Tgt Ion: 96 Resp: 71620
Ion Ratio Lower Upper
96 100
61 150.0 122.9 228.3
63 92.6 80.4 149.4





#13

Acetone

Concen: 48.196 ug/L

RT: 2.631 min Scan# 41

Delta R.T. -0.003 min

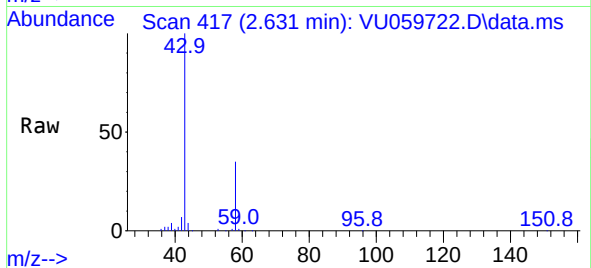
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Instrument :

MSVOA_U

ClientSampleId :

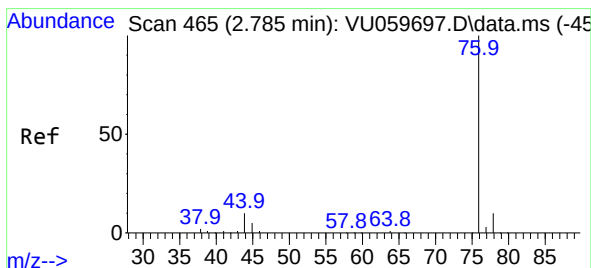
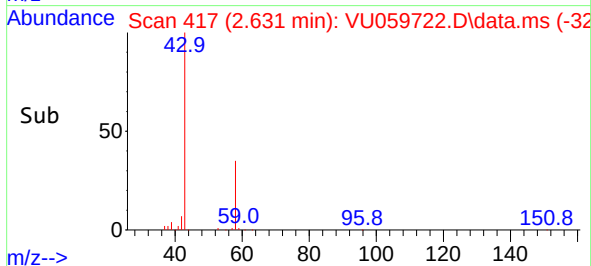
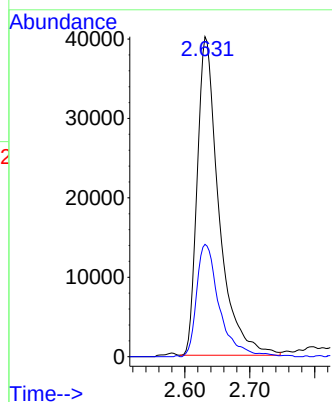


Tgt Ion: 43 Resp: 93102

Ion Ratio Lower Upper

43 100

58 36.5 0.0 68.0



#14

Carbon disulfide

Concen: 4.421 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU059722.D

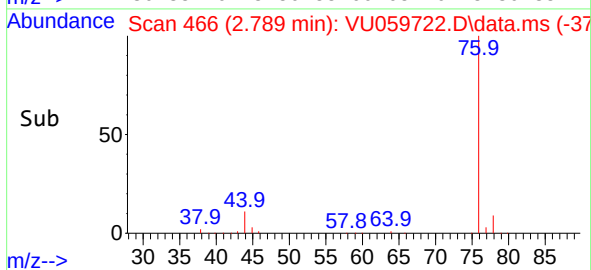
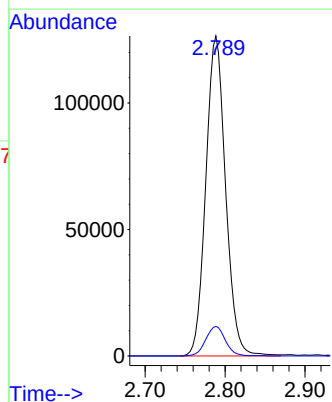
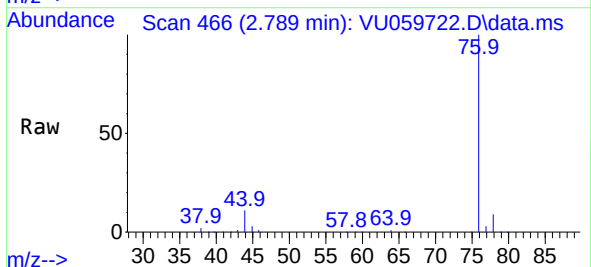
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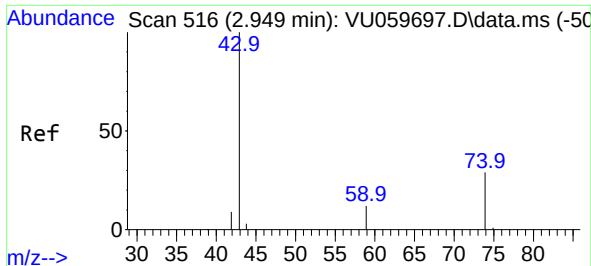
Tgt Ion: 76 Resp: 217519

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

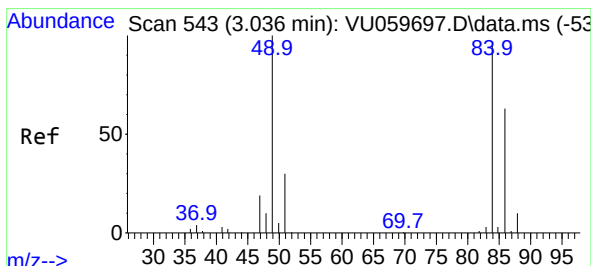
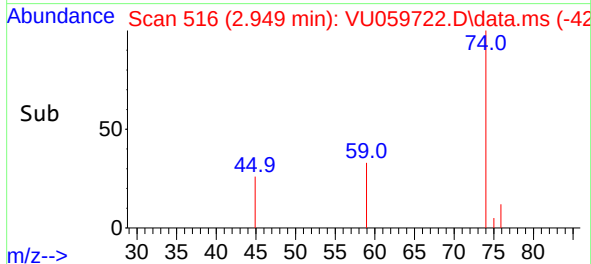
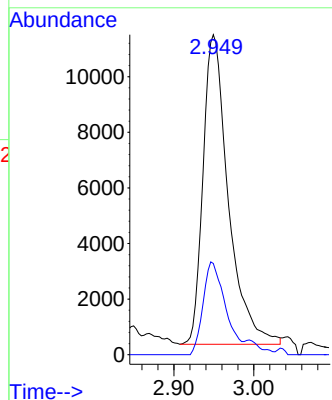
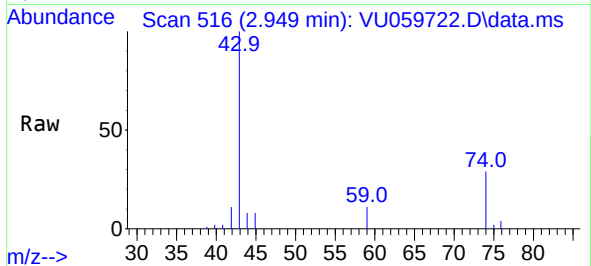




#15
Methyl Acetate
Concen: 4.813 ug/L
RT: 2.949 min Scan# 516
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

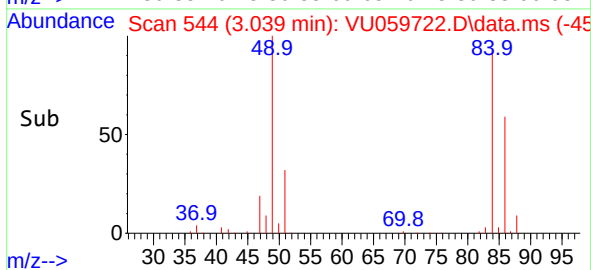
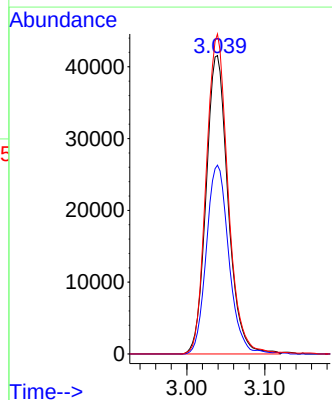
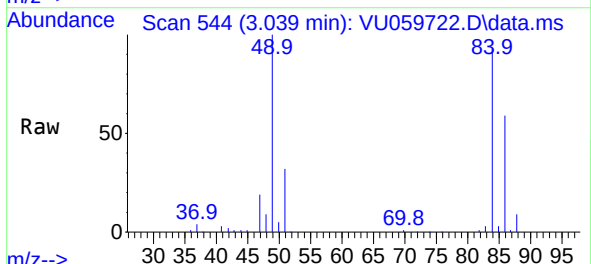
Instrument :
MSVOA_U
ClientSampleId :

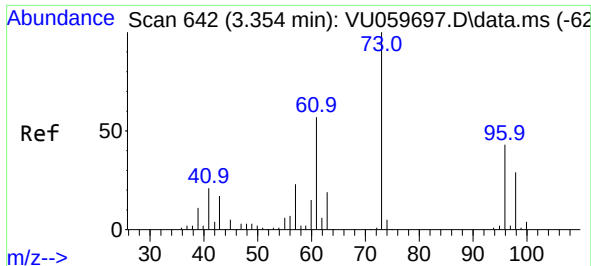
Tgt Ion: 43 Resp: 24537
Ion Ratio Lower Upper
43 100
74 26.5 19.2 28.8



#16
Methylene chloride
Concen: 4.665 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

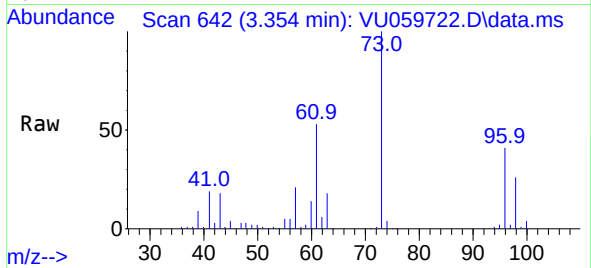
Tgt Ion: 84 Resp: 81519
Ion Ratio Lower Upper
84 100
86 63.3 42.1 78.1
49 107.2 80.6 149.8





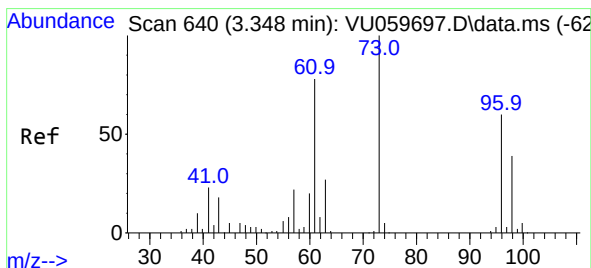
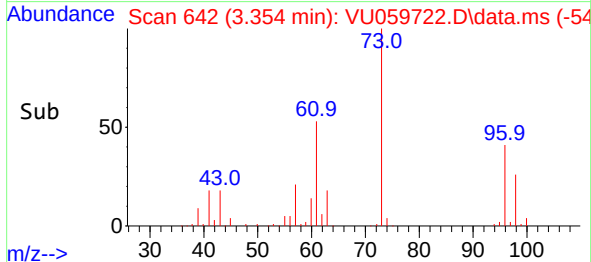
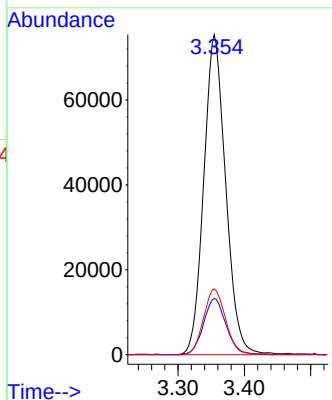
#17
Methyl tert-butyl Ether
Concen: 5.443 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 73 Resp: 172952

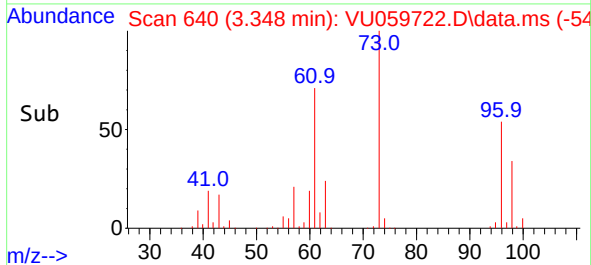
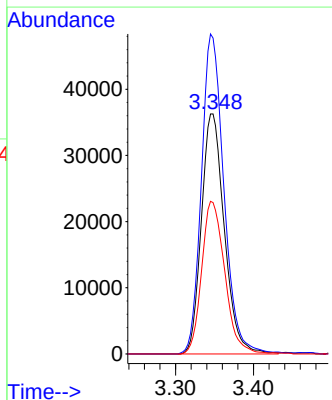
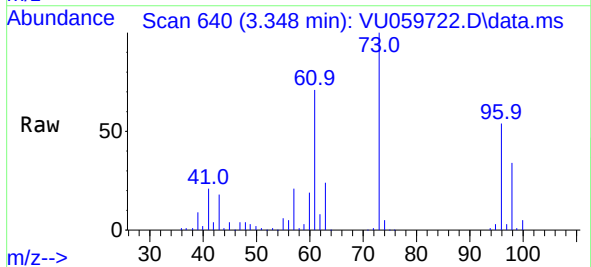
Ion	Ratio	Lower	Upper
73	100		
43	18.1	14.9	22.3
57	20.8	18.0	27.0

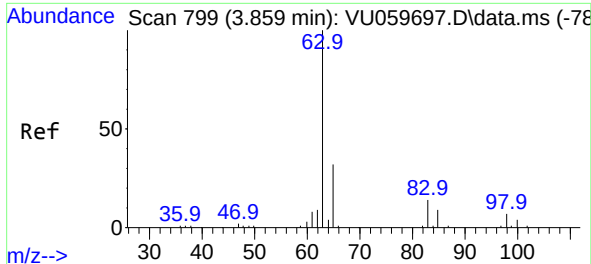


#18
trans-1,2-Dichloroethene
Concen: 4.847 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Tgt Ion: 96 Resp: 74328

Ion	Ratio	Lower	Upper
96	100		
61	131.6	101.8	189.0
98	63.0	43.3	80.5





#19

1,1-Dichloroethane

Concen: 4.832 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU059722.D

Acq: 02 Jul 2024 06:27

Instrument :

MSVOA_U

ClientSampleId :

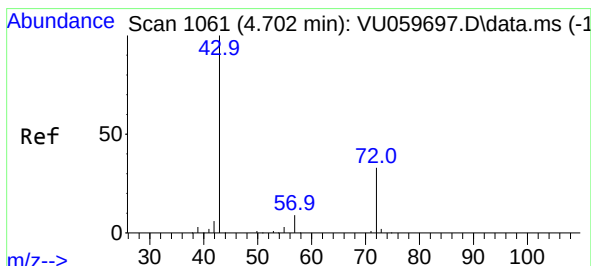
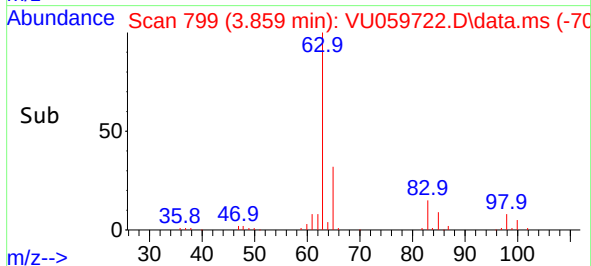
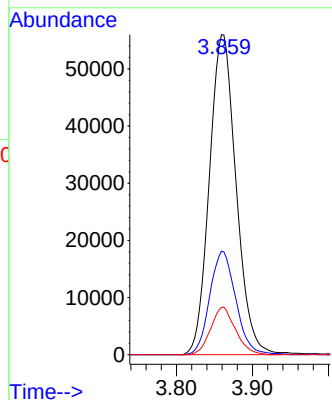
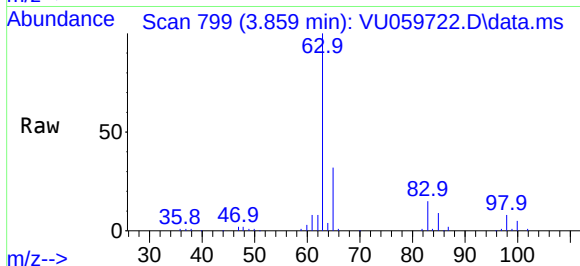
Tgt Ion: 63 Resp: 136637

Ion Ratio Lower Upper

63 100

65 32.3 21.8 40.6

83 14.8 9.9 18.5



#21

2-Butanone

Concen: 51.415 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VU059722.D

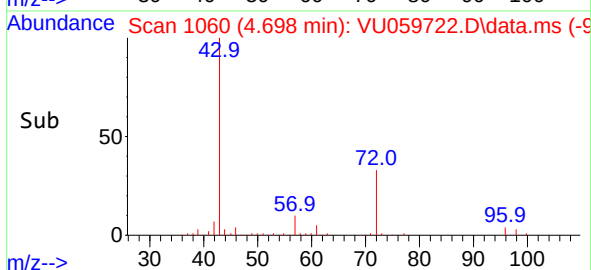
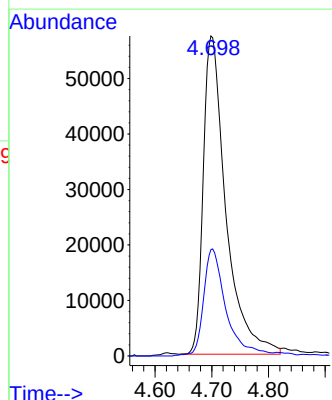
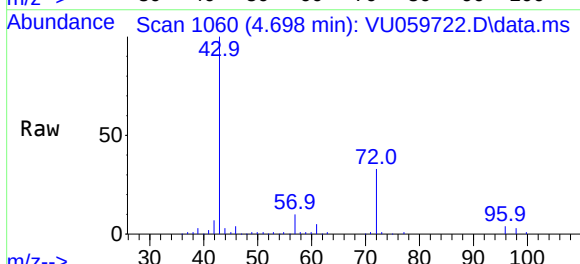
Acq: 02 Jul 2024 06:27

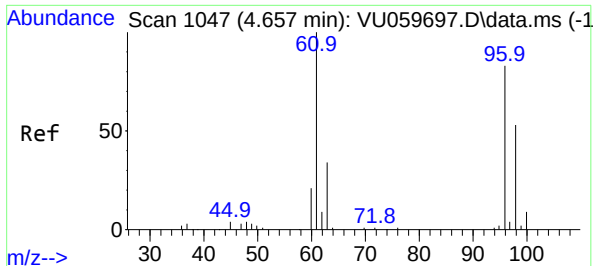
Tgt Ion: 43 Resp: 159306

Ion Ratio Lower Upper

43 100

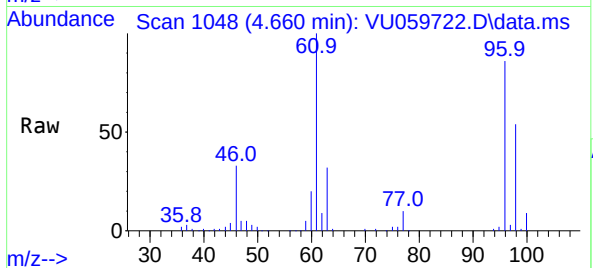
72 33.3 13.8 41.4



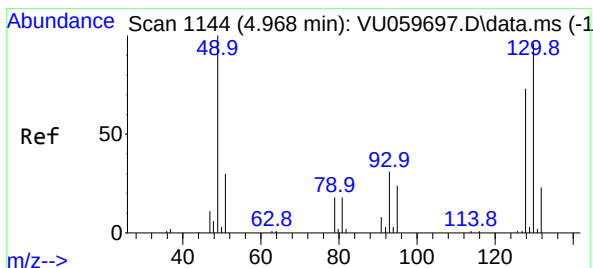
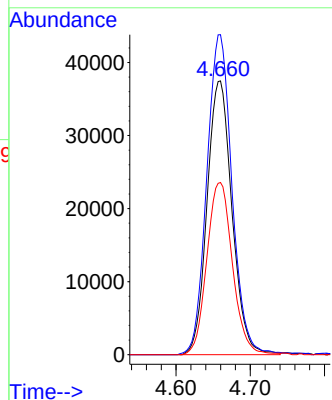
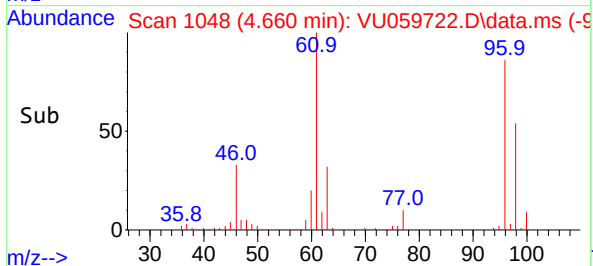


#22
 cis-1,2-Dichloroethene
 Concen: 5.183 ug/L
 RT: 4.660 min Scan# 110
 Delta R.T. 0.000 min
 Lab File: VU059722.D
 Acq: 02 Jul 2024 06:27

Instrument :
 MSVOA_U
 ClientSampleId :

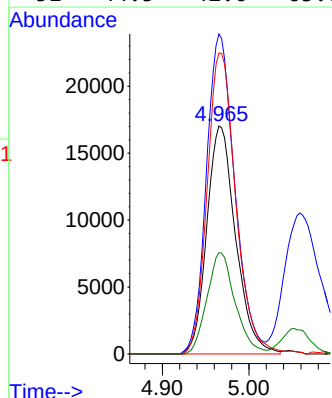
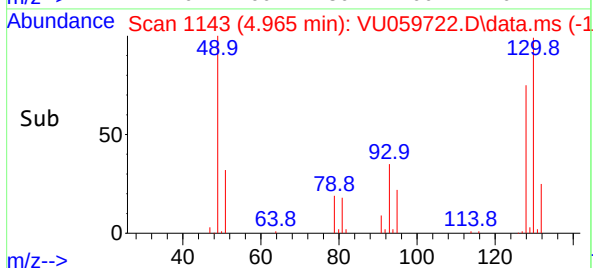
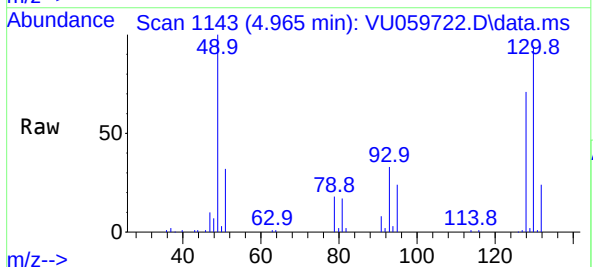


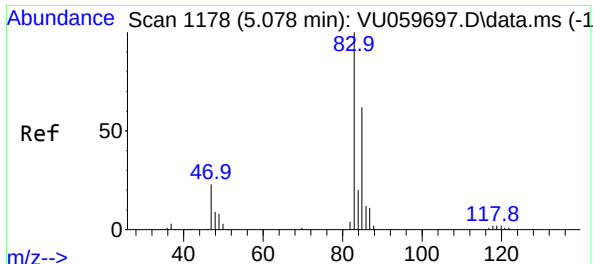
Tgt Ion: 96 Resp: 87605
 Ion Ratio Lower Upper
 96 100
 61 116.9 87.4 162.2
 98 62.8 42.3 78.5



#23
 Bromochloromethane
 Concen: 5.106 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU059722.D
 Acq: 02 Jul 2024 06:27

Tgt Ion: 128 Resp: 39347
 Ion Ratio Lower Upper
 128 100
 49 140.3 117.0 217.4
 130 132.0 89.6 166.4
 51 44.5 42.0 63.0





#25

Chloroform

Concen: 4.841 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU059722.D

Acq: 02 Jul 2024 06:27

Instrument :

MSVOA_U

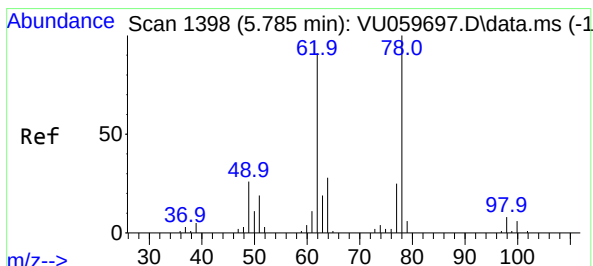
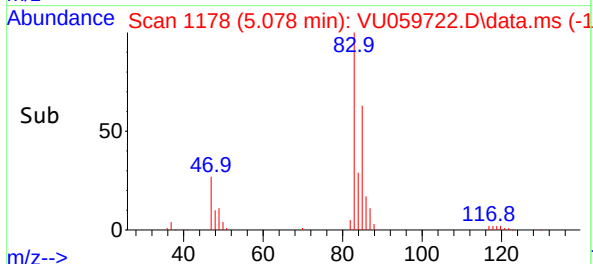
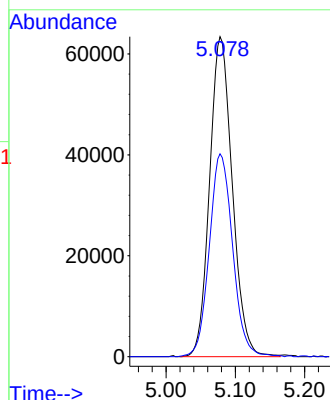
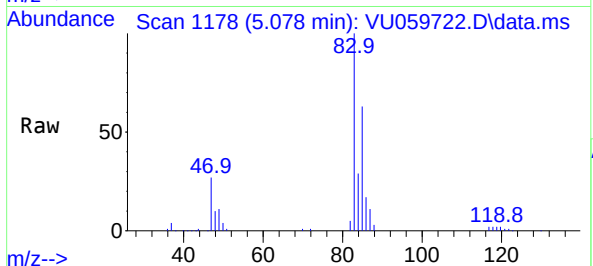
ClientSampleId :

Tgt Ion: 83 Resp: 144197

Ion Ratio Lower Upper

83 100

85 63.4 44.7 83.1



#27

1,2-Dichloroethane

Concen: 4.789 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU059722.D

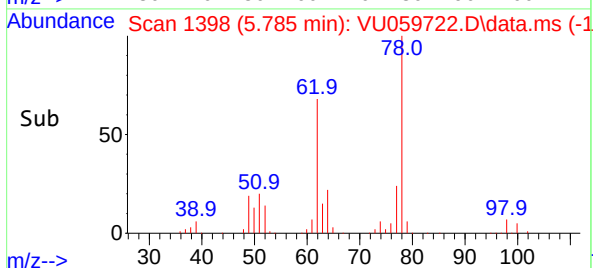
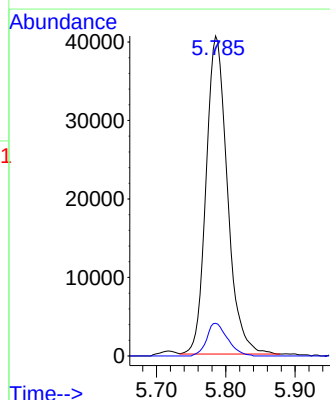
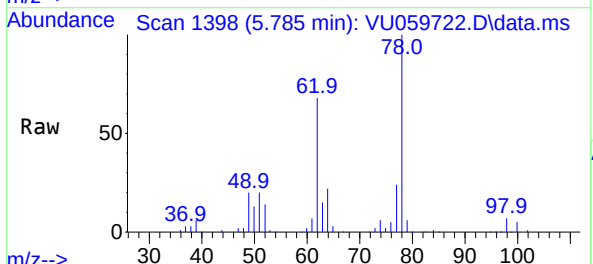
Acq: 02 Jul 2024 06:27

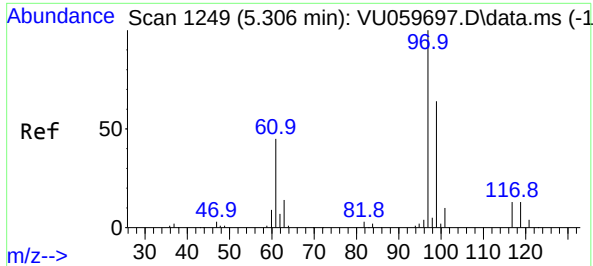
Tgt Ion: 62 Resp: 86441

Ion Ratio Lower Upper

62 100

98 10.2 7.5 11.3



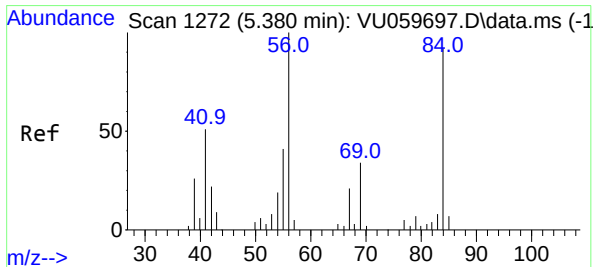
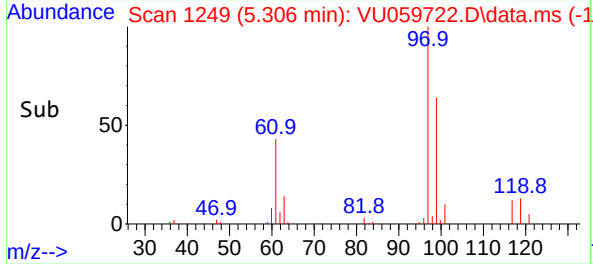
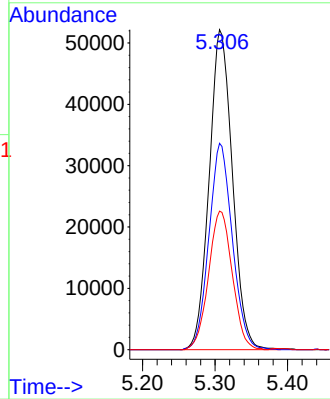
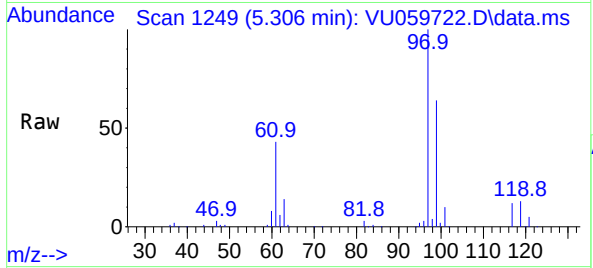


#29
1,1,1-Trichloroethane
Concen: 5.015 ug/L
RT: 5.306 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 116236

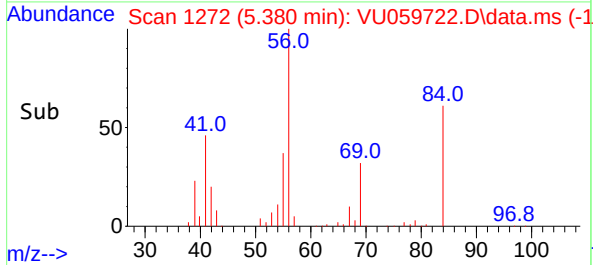
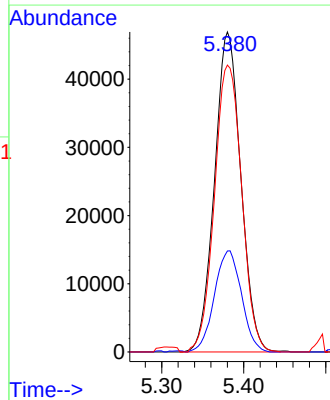
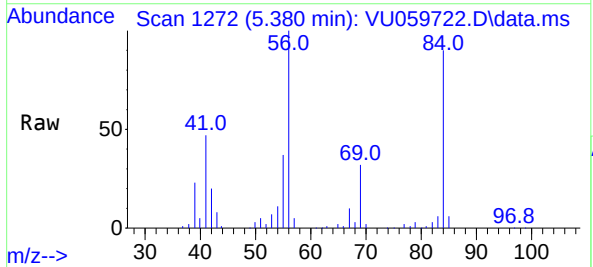
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.8	77.6
61	44.2	37.4	56.2

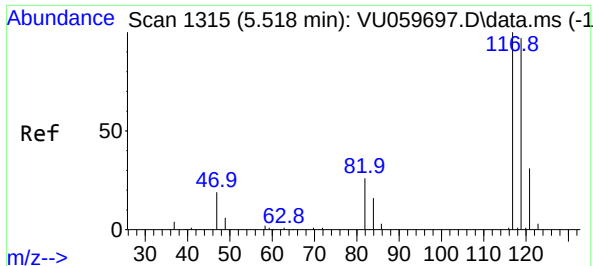


#30
Cyclohexane
Concen: 5.103 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Tgt Ion: 56 Resp: 104426

Ion	Ratio	Lower	Upper
56	100		
69	32.6	24.8	37.2
84	93.0	69.8	104.8

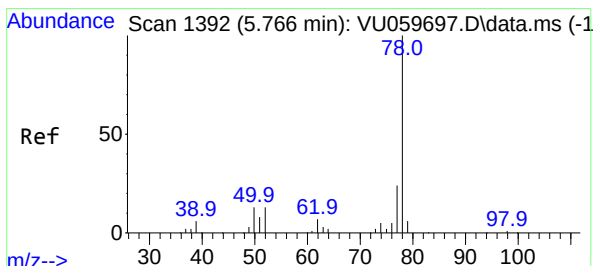
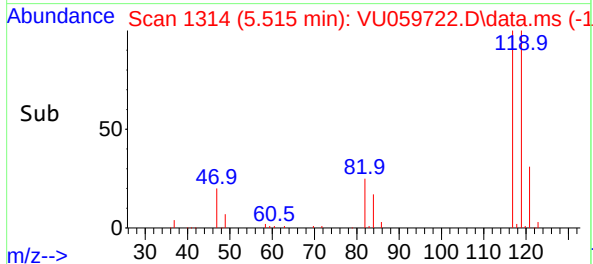
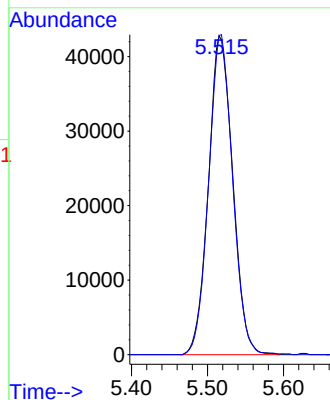
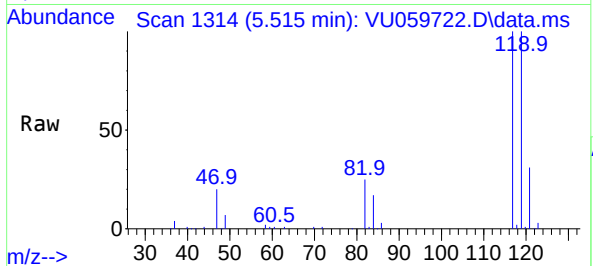




#31
Carbon tetrachloride
Concen: 4.898 ug/L
RT: 5.515 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

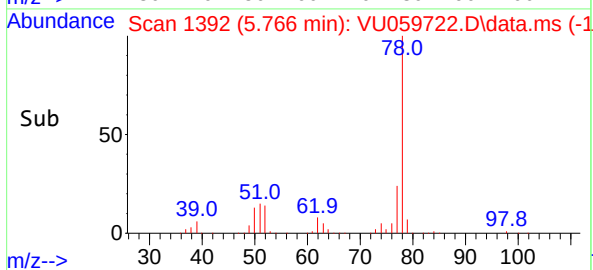
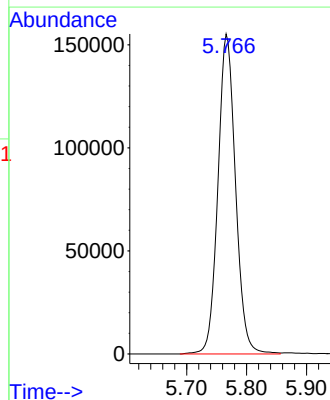
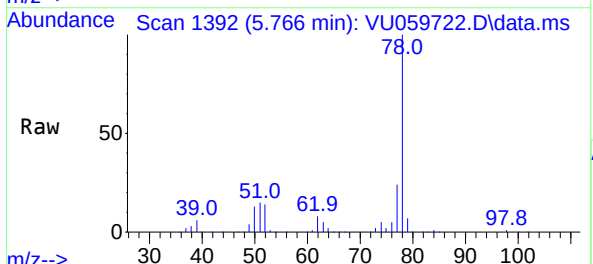
Instrument :
MSVOA_U
ClientSampleId :

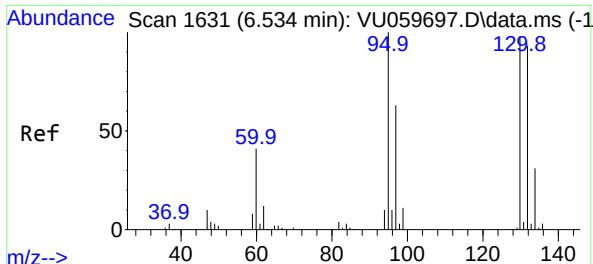
Tgt Ion:117 Resp: 95044
Ion Ratio Lower Upper
117 100
119 98.5 77.5 116.3



#33
Benzene
Concen: 5.176 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

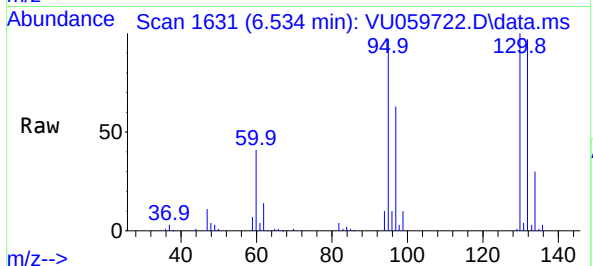
Tgt Ion: 78 Resp: 315455



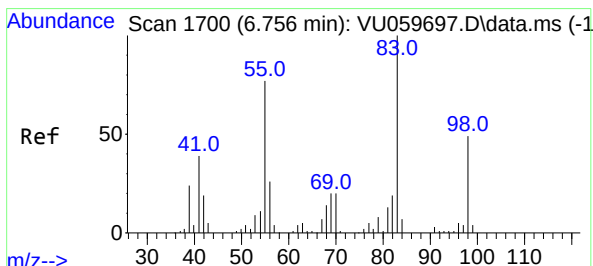
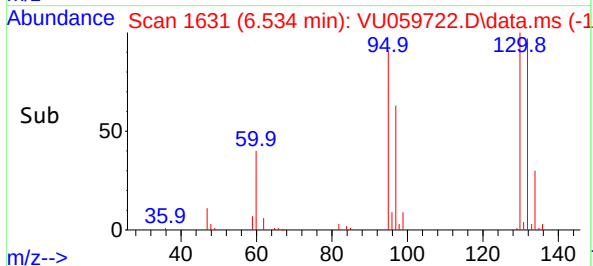
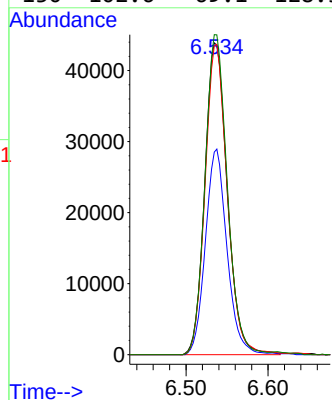


#34
Trichloroethene
Concen: 5.079 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Instrument :
MSVOA_U
ClientSampleId :

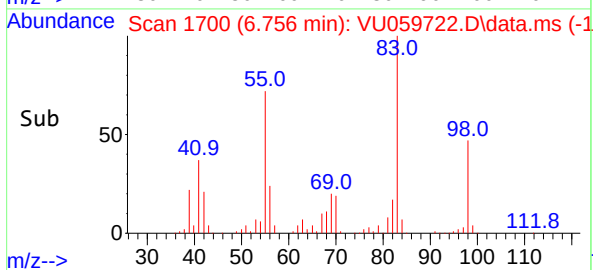
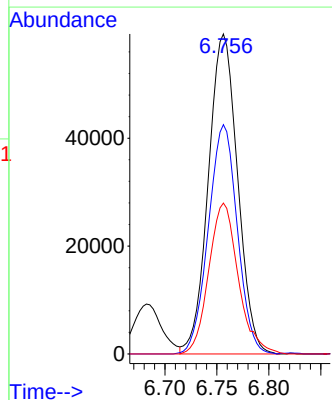
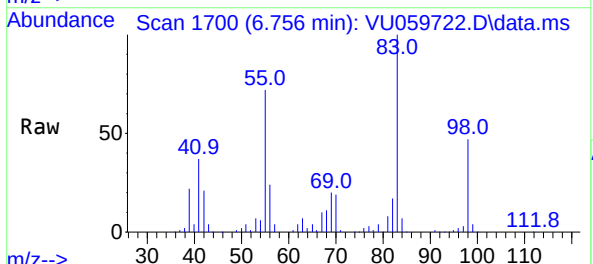


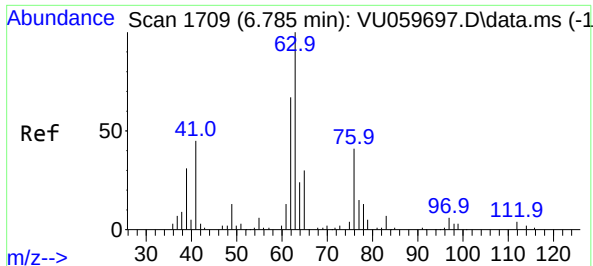
Tgt Ion: 95 Resp: 83833
Ion Ratio Lower Upper
95 100
97 64.9 45.3 84.1
132 99.0 64.0 119.0
130 102.6 69.1 128.3



#35
Methylcyclohexane
Concen: 4.952 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Tgt Ion: 83 Resp: 116312
Ion Ratio Lower Upper
83 100
55 71.0 62.7 94.1
98 47.5 35.4 53.0

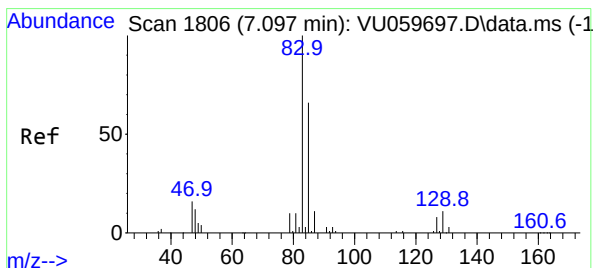
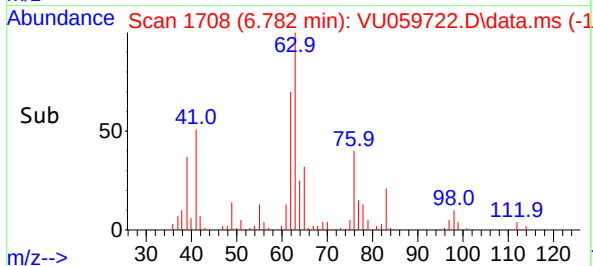
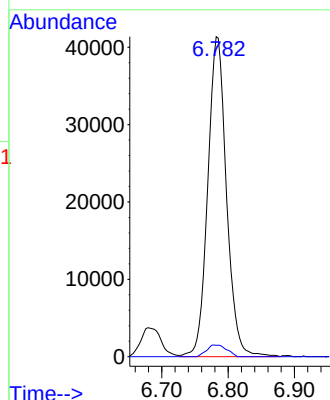
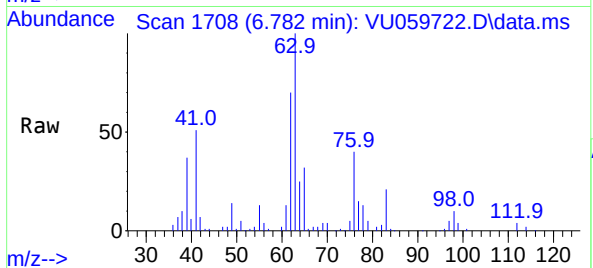




#37
1,2-Dichloropropane
Concen: 5.147 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

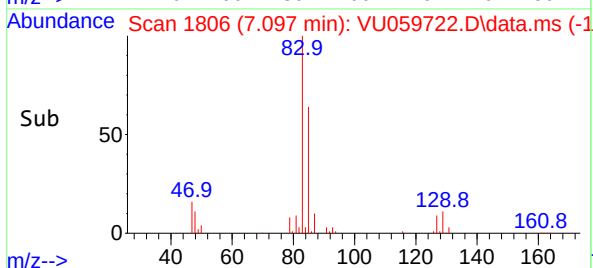
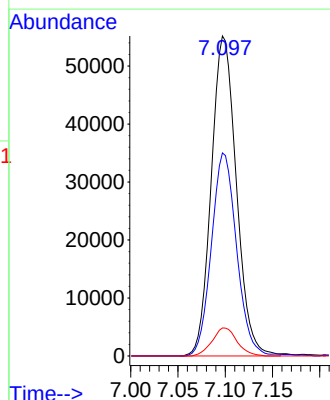
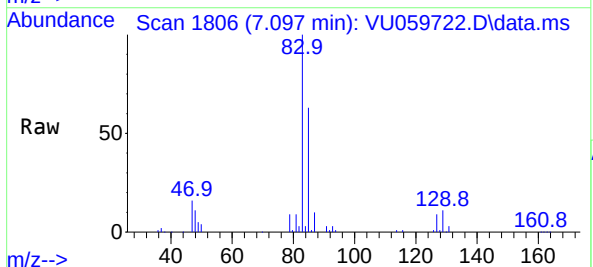
Instrument :
MSVOA_U
ClientSampleId :

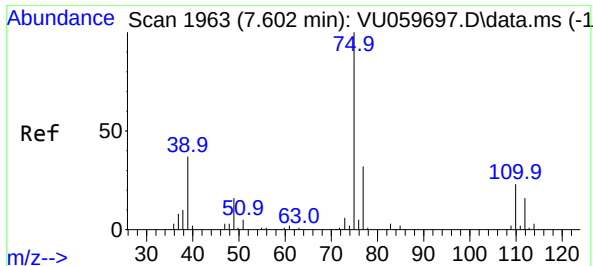
Tgt Ion: 63 Resp: 81182
Ion Ratio Lower Upper
63 100
112 3.9 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.171 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Tgt Ion: 83 Resp: 101805
Ion Ratio Lower Upper
83 100
85 63.5 42.7 79.3
127 8.8 6.1 9.1

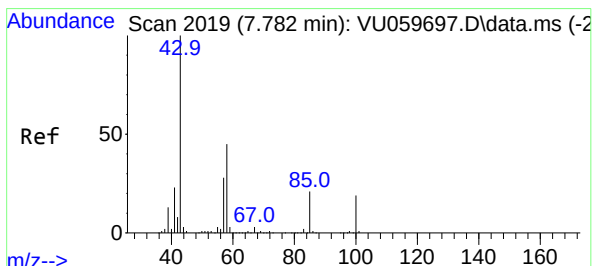
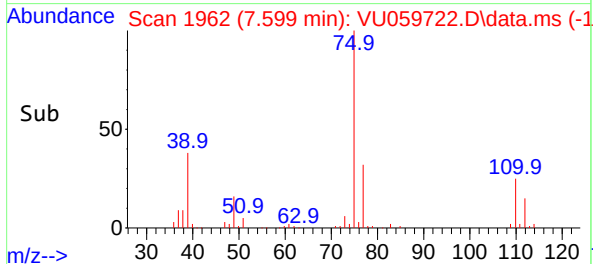
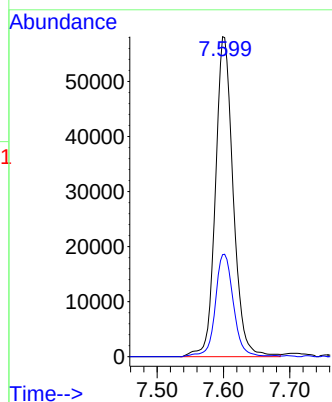
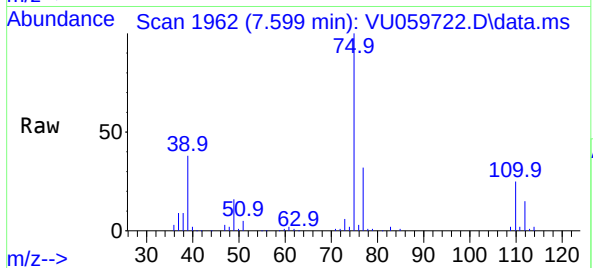




#39
cis-1,3-Dichloropropene
Concen: 5.030 ug/L
RT: 7.599 min Scan# 1962
Delta R.T. -0.003 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

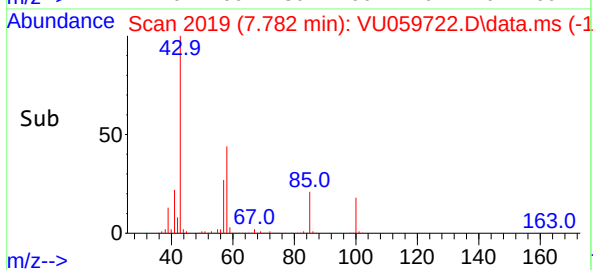
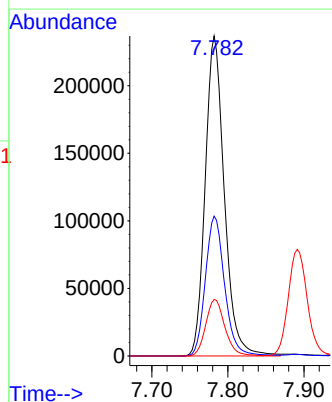
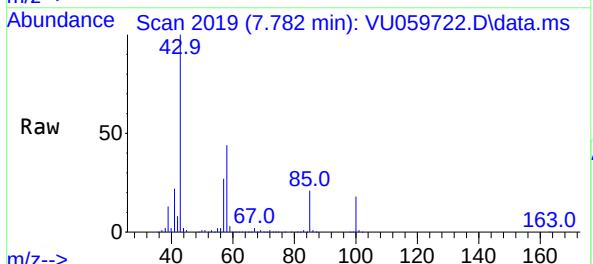
Instrument :
MSVOA_U
ClientSampleId :

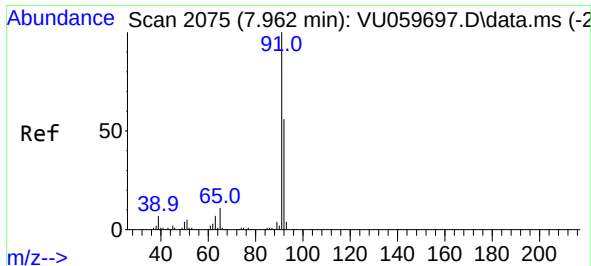
Tgt Ion: 75 Resp: 108489
Ion Ratio Lower Upper
75 100
77 31.9 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 56.577 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Tgt Ion: 43 Resp: 413492
Ion Ratio Lower Upper
43 100
58 44.0 34.0 51.0
100 17.7 12.1 18.1





#42

Toluene

Concen: 5.378 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU059722.D

Acq: 02 Jul 2024 06:27

Instrument :

MSVOA_U

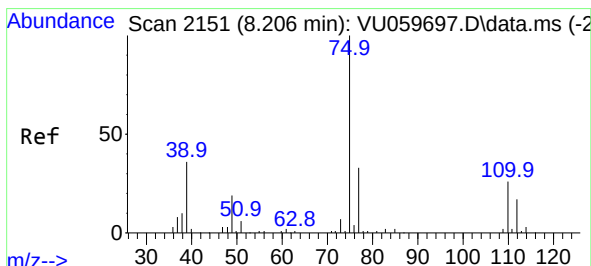
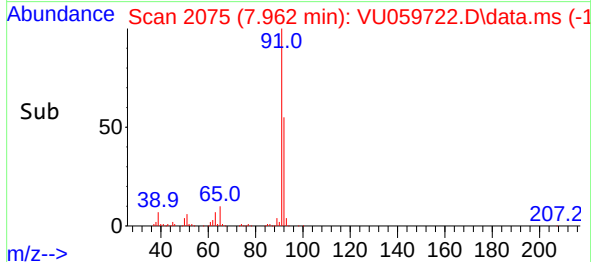
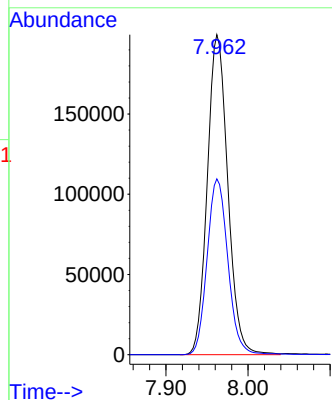
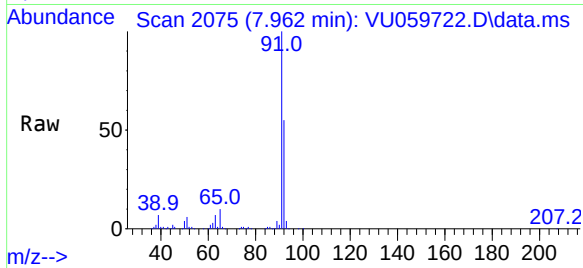
ClientSampleId :

Tgt Ion: 91 Resp: 347012

Ion Ratio Lower Upper

91 100

92 54.9 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.073 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU059722.D

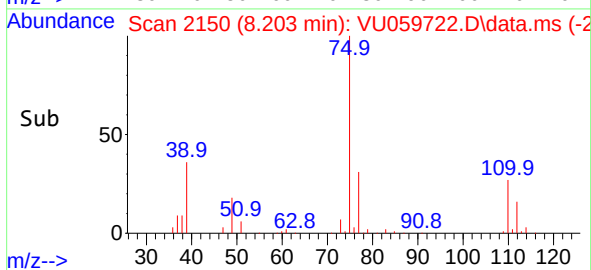
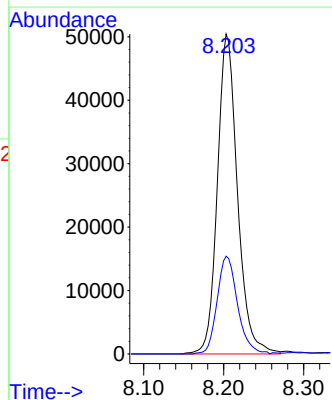
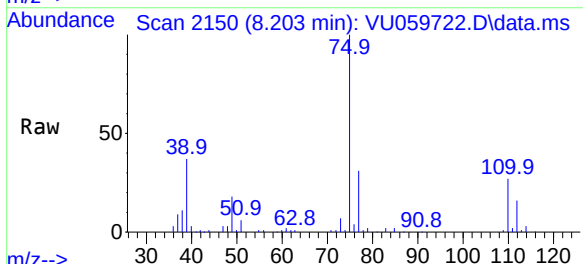
Acq: 02 Jul 2024 06:27

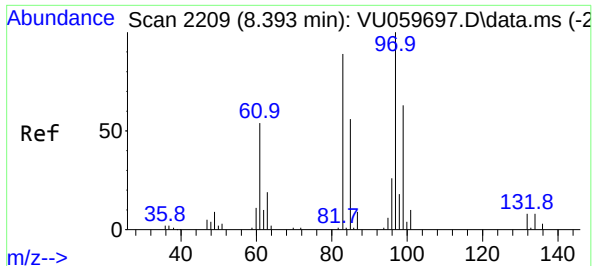
Tgt Ion: 75 Resp: 87829

Ion Ratio Lower Upper

75 100

77 30.6 22.0 41.0



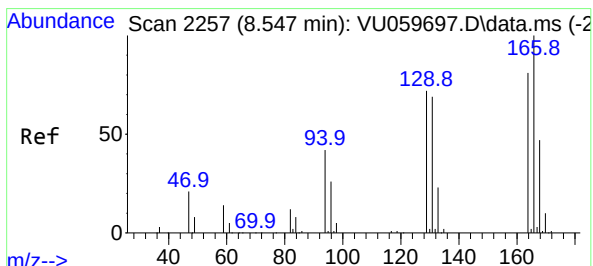
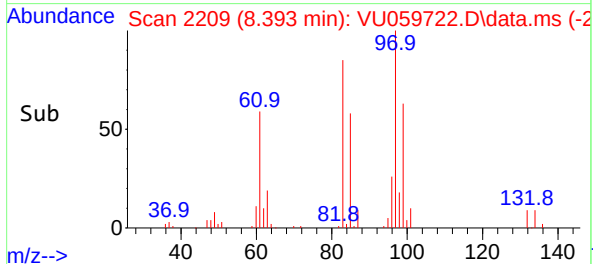
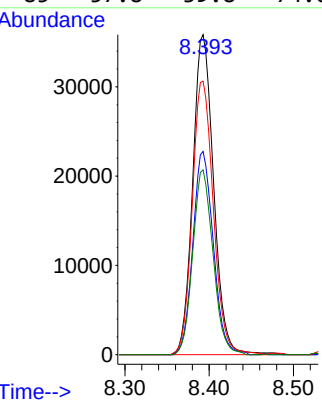
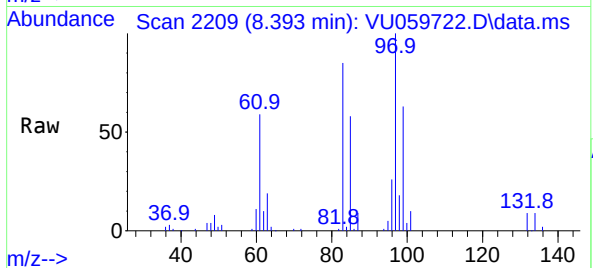


#45
1,1,2-Trichloroethane
Concen: 5.318 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 61809

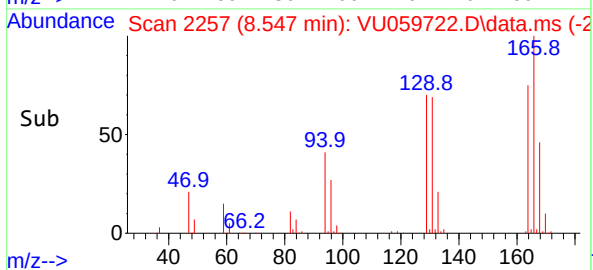
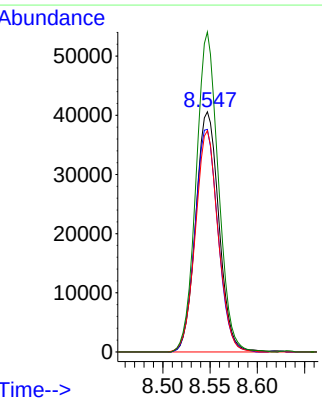
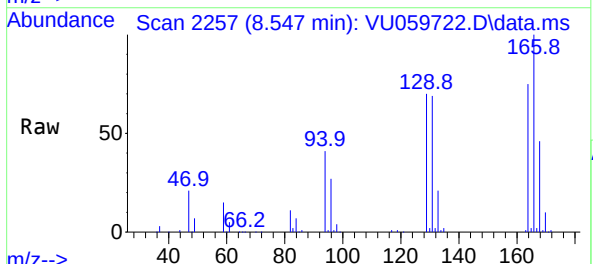
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.3	80.3
83	85.5	62.3	115.7
85	57.8	39.8	74.0

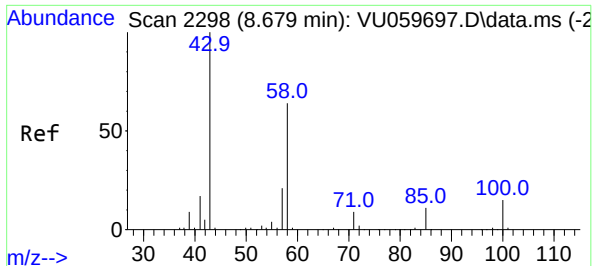


#47
Tetrachloroethene
Concen: 5.412 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Tgt Ion: 164 Resp: 69319

Ion	Ratio	Lower	Upper
164	100		
129	92.7	70.8	131.4
131	92.2	64.8	120.3
166	133.3	91.1	169.1

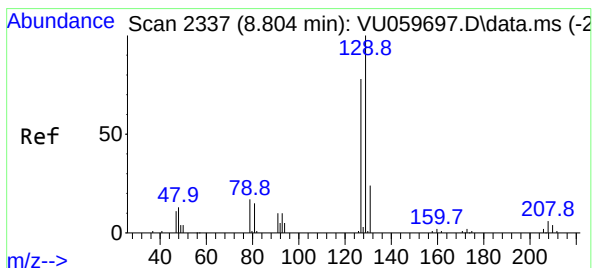
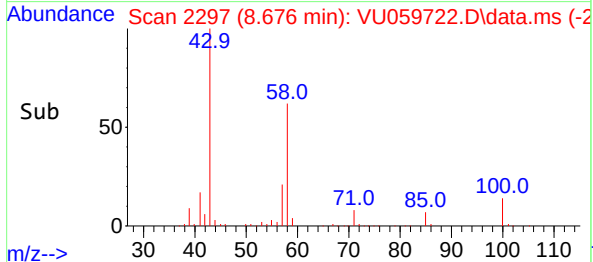
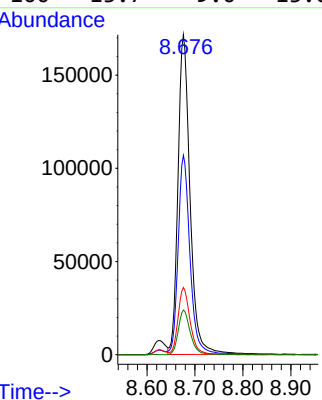
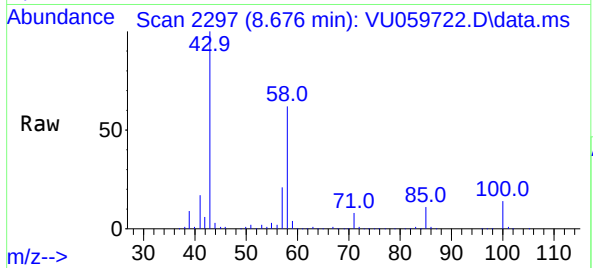




#48
2-Hexanone
Concen: 57.466 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

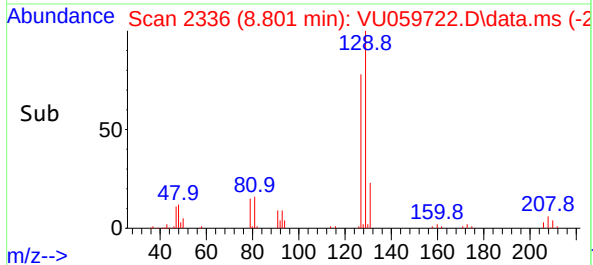
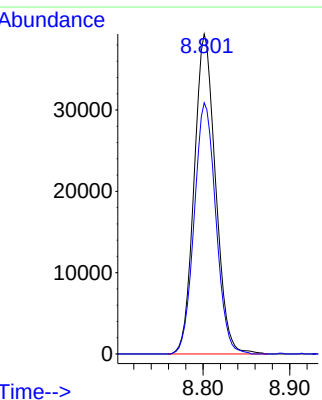
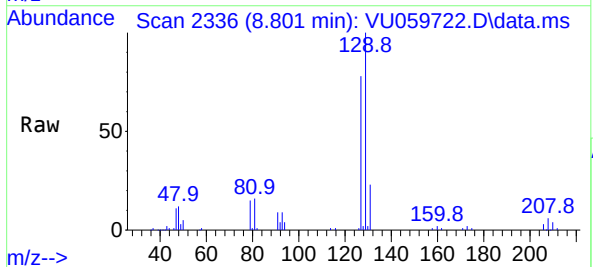
Instrument :
MSVOA_U
ClientSampleId :

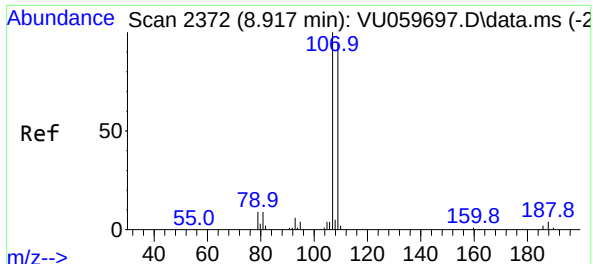
Tgt Ion: 43 Resp: 299741
Ion Ratio Lower Upper
43 100
58 59.7 46.1 69.1
57 20.7 15.5 23.3
100 13.7 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.240 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

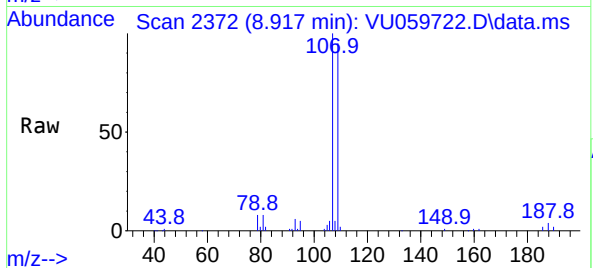
Tgt Ion:129 Resp: 67460
Ion Ratio Lower Upper
129 100
127 78.5 52.5 97.5



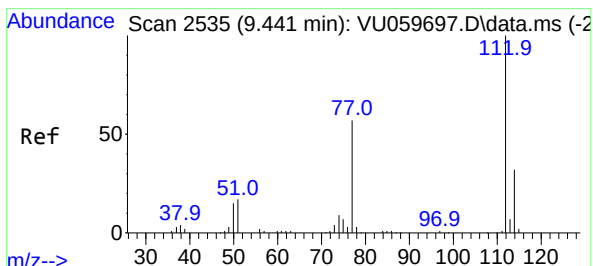
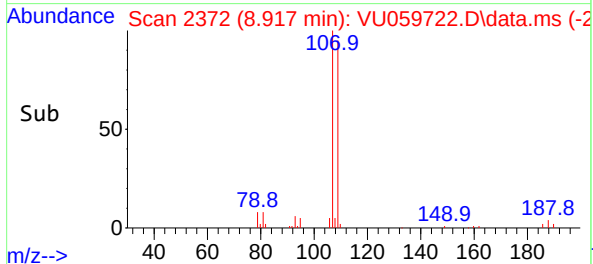
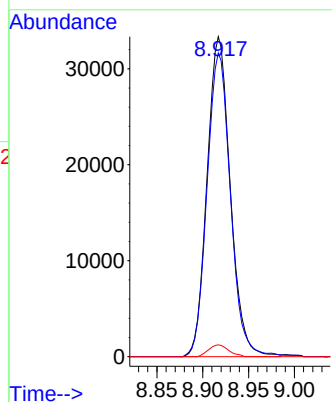


#50
1,2-Dibromoethane
Concen: 5.476 ug/L
RT: 8.917 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Instrument :
MSVOA_U
ClientSampleId :

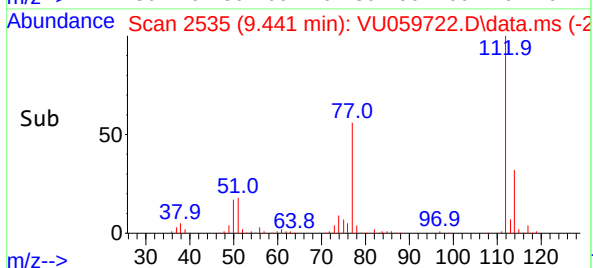
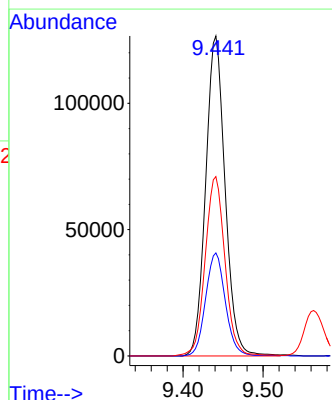
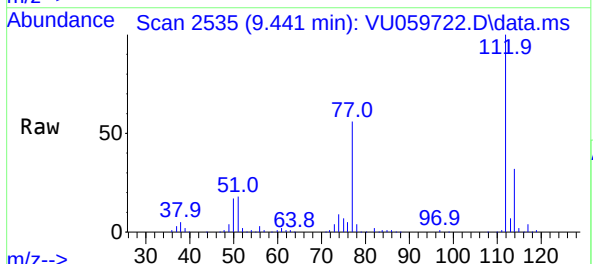


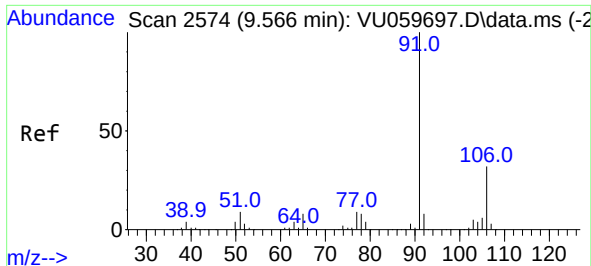
Tgt Ion:107 Resp: 58773
Ion Ratio Lower Upper
107 100
109 94.9 66.9 124.3
188 3.7 2.7 4.1



#51
Chlorobenzene
Concen: 5.238 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Tgt Ion:112 Resp: 214383
Ion Ratio Lower Upper
112 100
114 32.2 22.4 41.6
77 56.0 49.1 73.7

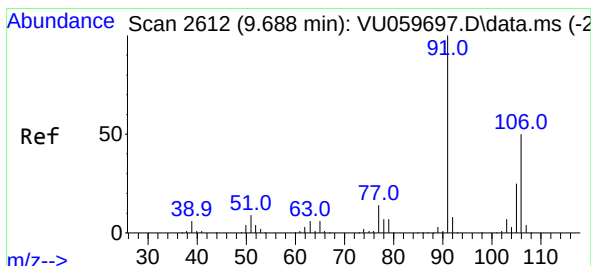
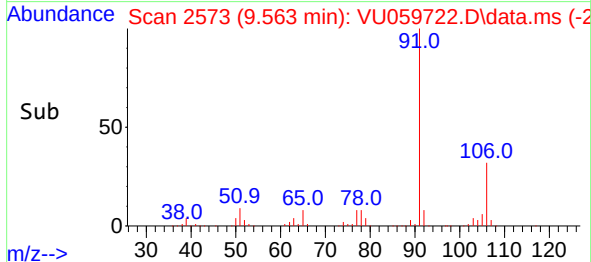
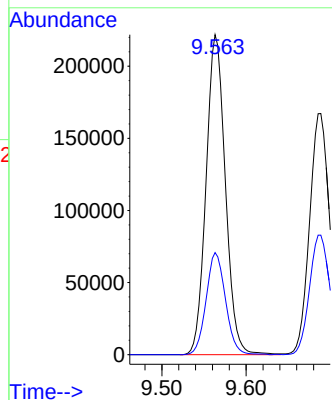
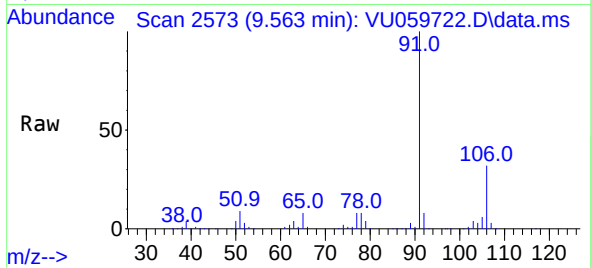




#52
Ethylbenzene
Concen: 5.346 ug/L
RT: 9.563 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

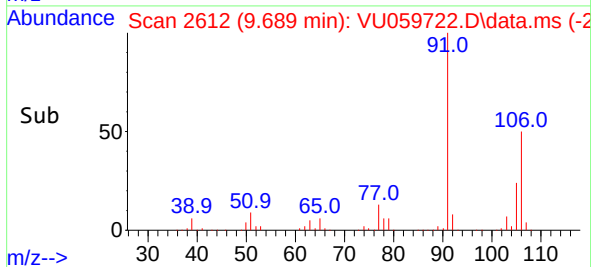
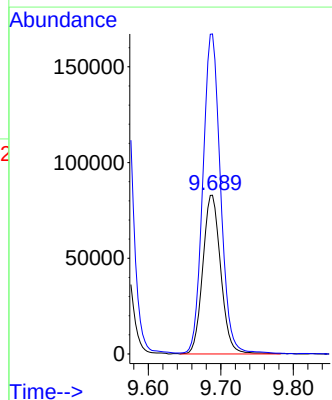
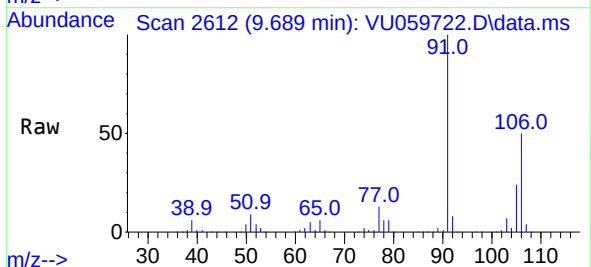
Instrument :
MSVOA_U
ClientSampleId :

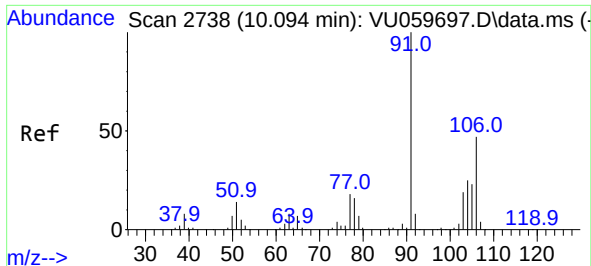
Tgt Ion: 91 Resp: 353864
Ion Ratio Lower Upper
91 100
106 31.9 20.9 38.7



#53
m,p-Xylene
Concen: 5.617 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Tgt Ion:106 Resp: 142791
Ion Ratio Lower Upper
106 100
91 201.6 142.0 263.8

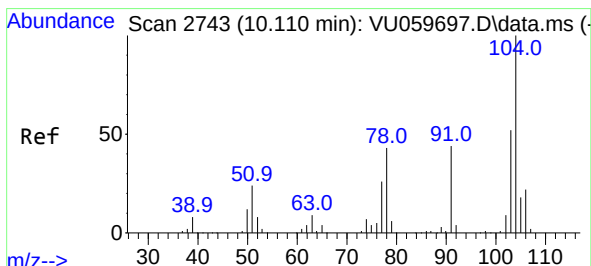
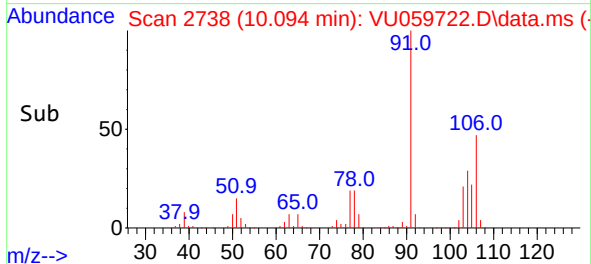
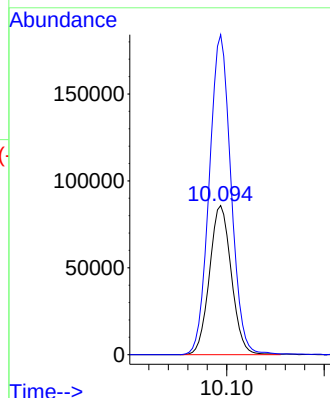
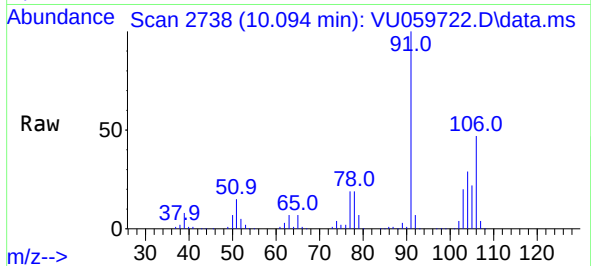




#54
o-Xylene
Concen: 5.542 ug/L
RT: 10.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

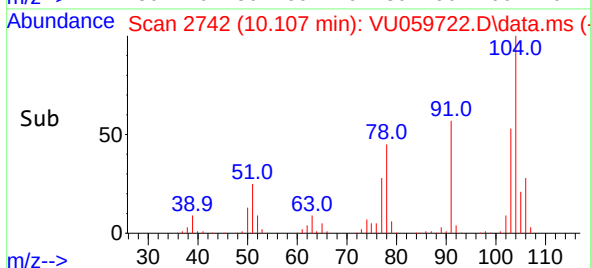
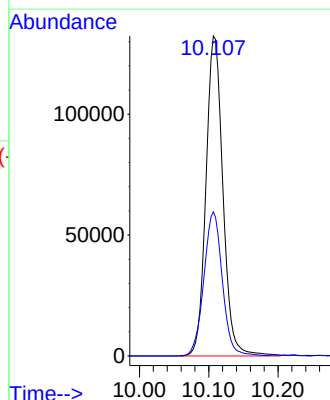
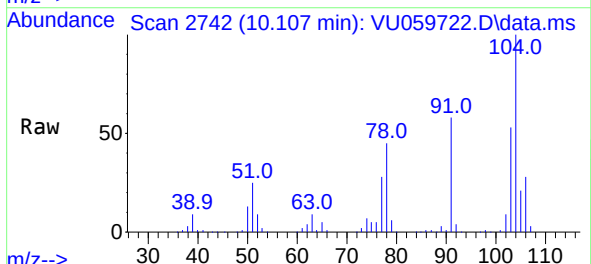
Instrument :
MSVOA_U
ClientSampleId :

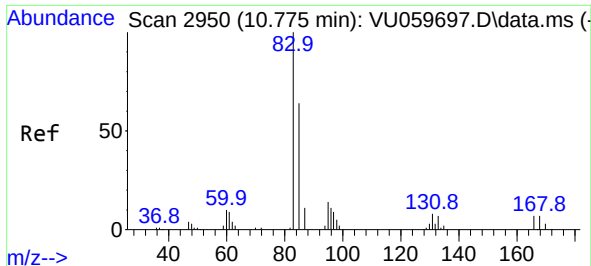
Tgt Ion:106 Resp: 133705
Ion Ratio Lower Upper
106 100
91 214.5 151.6 281.6



#55
Styrene
Concen: 5.474 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Tgt Ion:104 Resp: 224808
Ion Ratio Lower Upper
104 100
78 45.0 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.292 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059722.D

Acq: 02 Jul 2024 06:27

Instrument :

MSVOA_U

ClientSampleId :

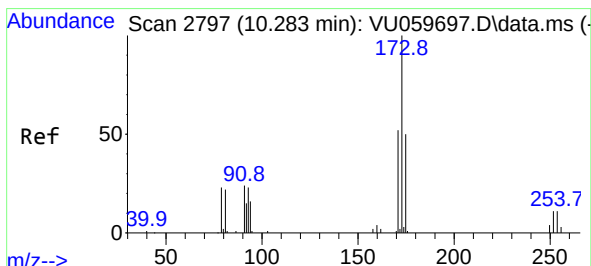
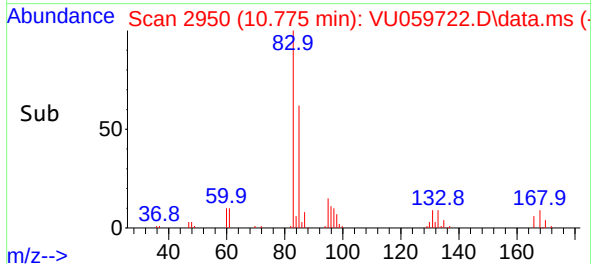
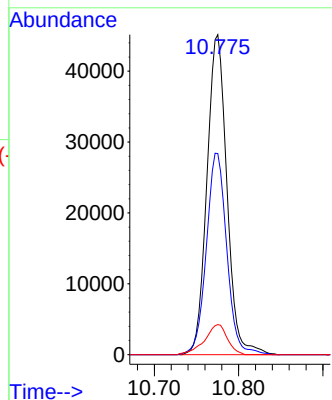
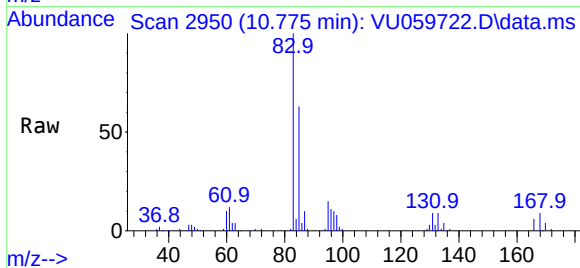
Tgt Ion: 83 Resp: 74615

Ion Ratio Lower Upper

83 100

85 62.8 44.7 82.9

131 9.4 6.9 10.3



#59

Bromoform

Concen: 5.074 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU059722.D

Acq: 02 Jul 2024 06:27

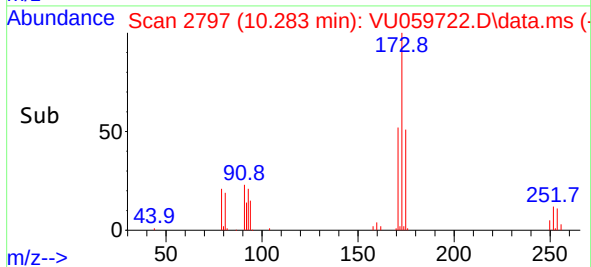
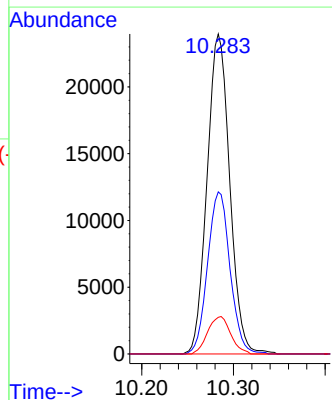
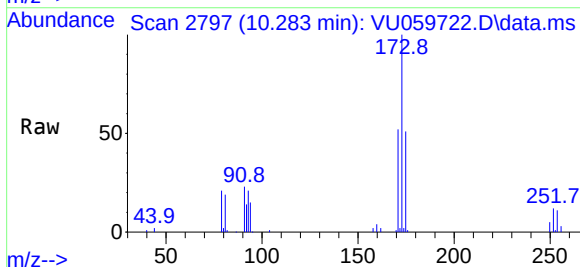
Tgt Ion:173 Resp: 41175

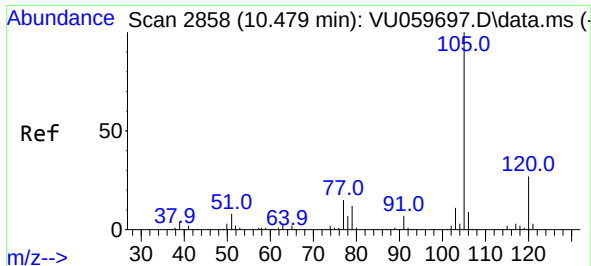
Ion Ratio Lower Upper

173 100

175 50.2 39.4 59.2

254 11.8 7.4 11.2#

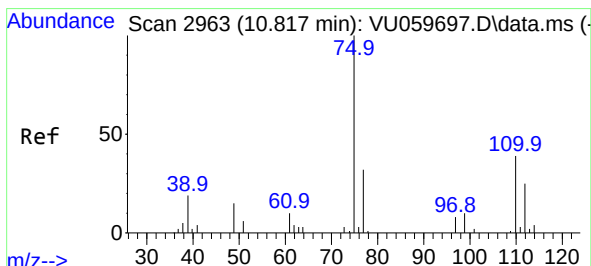
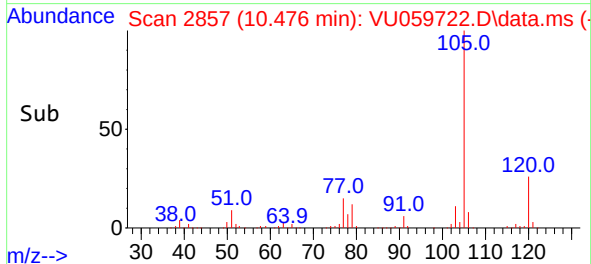
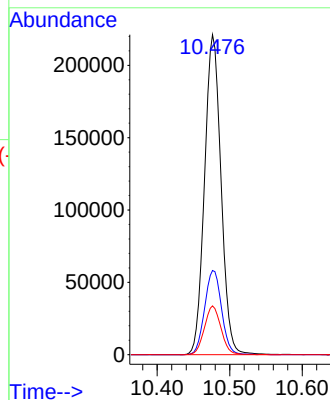
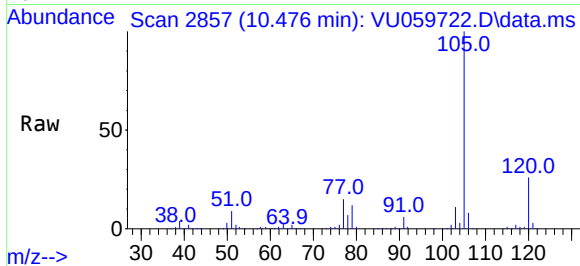




#60
Isopropylbenzene
Concen: 5.335 ug/L
RT: 10.476 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

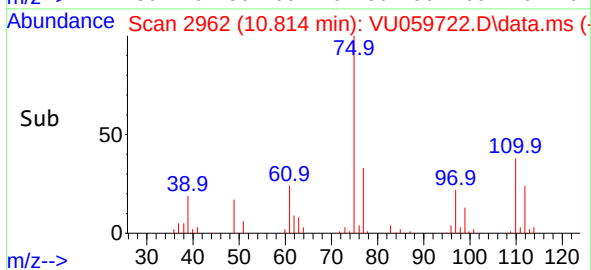
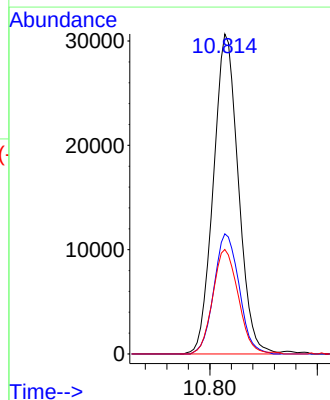
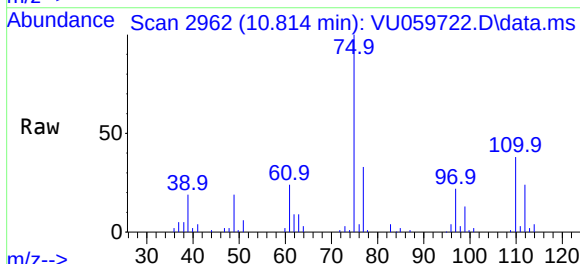
Instrument :
MSVOA_U
ClientSampleId :

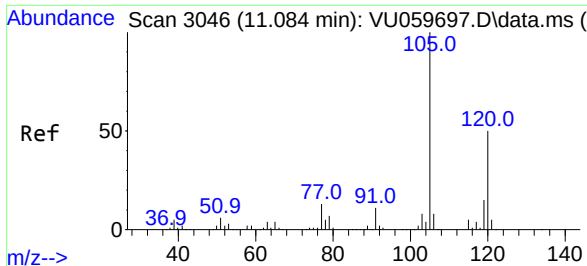
Tgt Ion:105 Resp: 349408
Ion Ratio Lower Upper
105 100
120 27.0 20.6 31.0
77 15.3 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 5.040 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Tgt Ion: 75 Resp: 49378
Ion Ratio Lower Upper
75 100
110 37.9 27.1 40.7
77 33.5 25.4 38.2

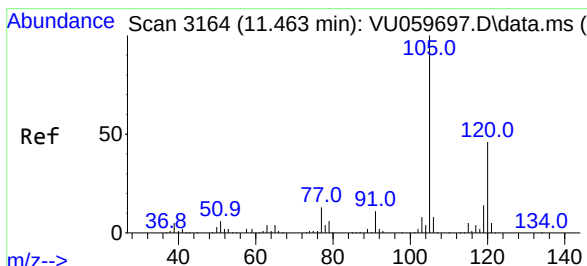
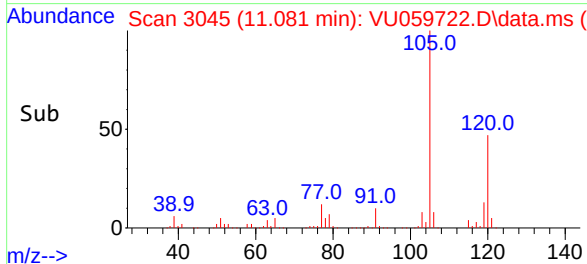
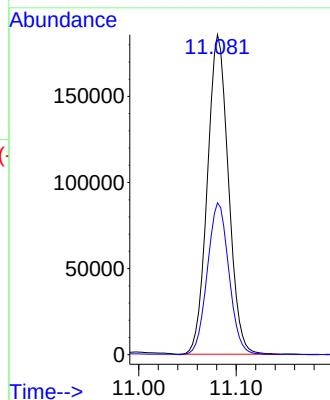
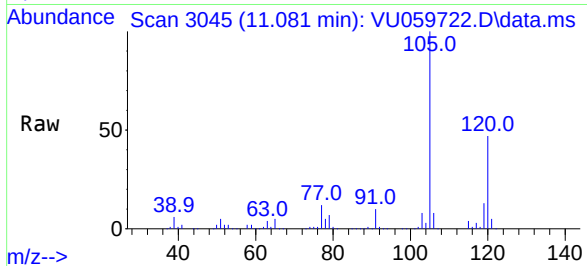




#62
1,3,5-Trimethylbenzene
Concen: 5.370 ug/L
RT: 11.081 min Scan# 3046
Delta R.T. -0.003 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

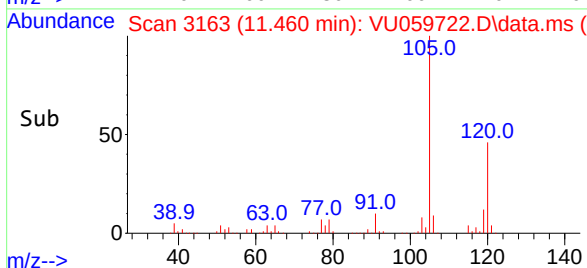
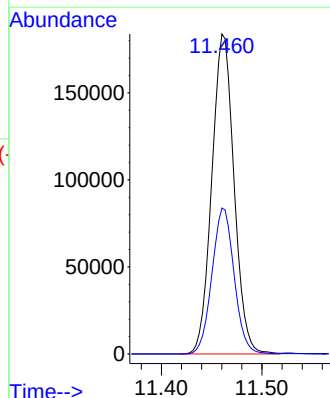
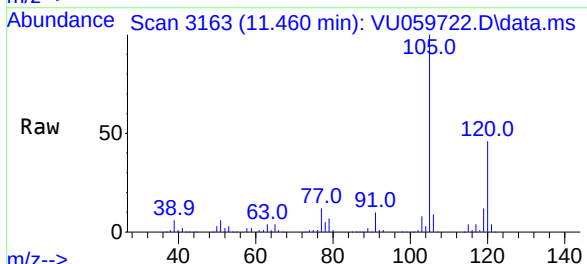
Instrument :
MSVOA_U
ClientSampleId :

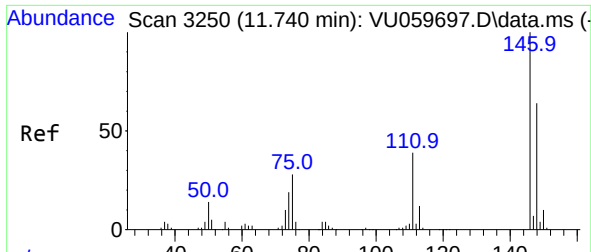
Tgt Ion:105 Resp: 278660
Ion Ratio Lower Upper
105 100
120 48.8 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.690 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Tgt Ion:105 Resp: 282249
Ion Ratio Lower Upper
105 100
120 45.5 35.4 53.0

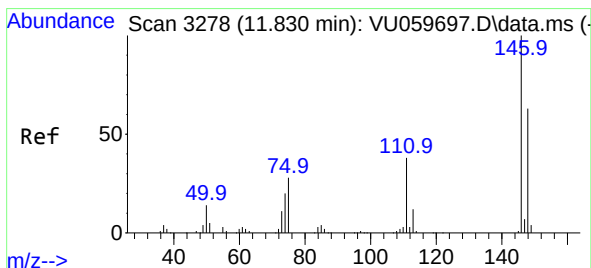
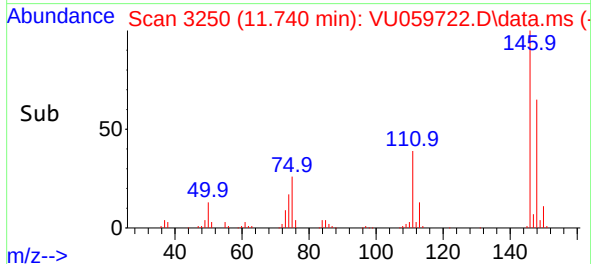
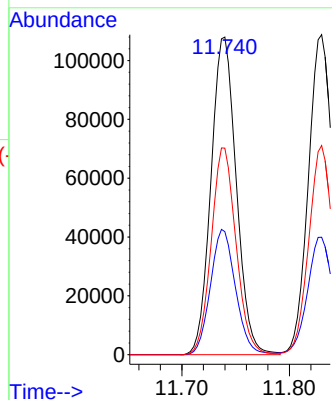
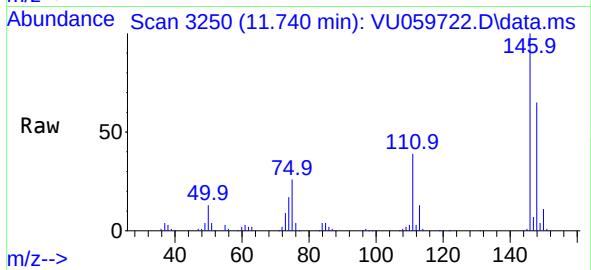




#64
1,3-Dichlorobenzene
Concen: 5.305 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

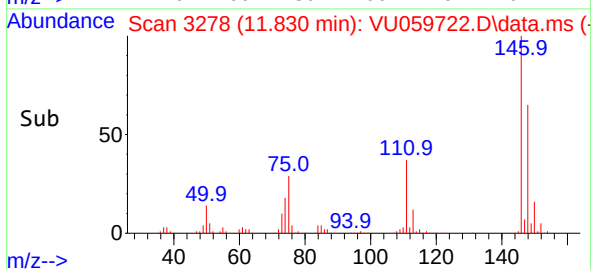
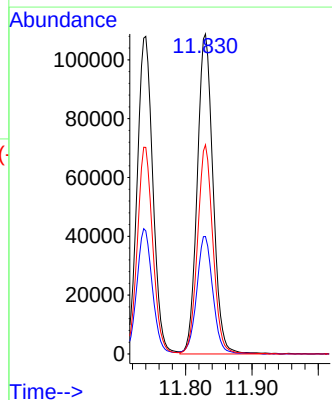
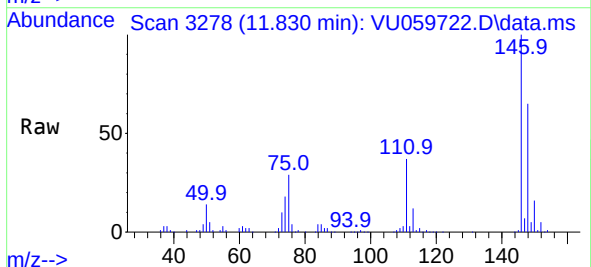
Instrument :
MSVOA_U
ClientSampleId :

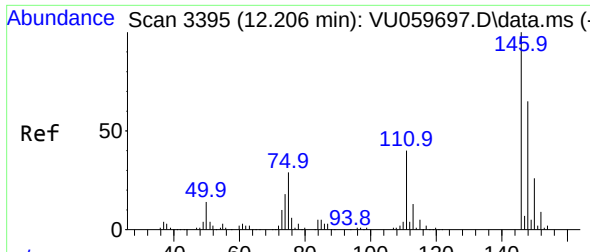
Tgt Ion:146 Resp: 176718
Ion Ratio Lower Upper
146 100
111 38.7 27.4 51.0
148 65.0 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 5.249 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

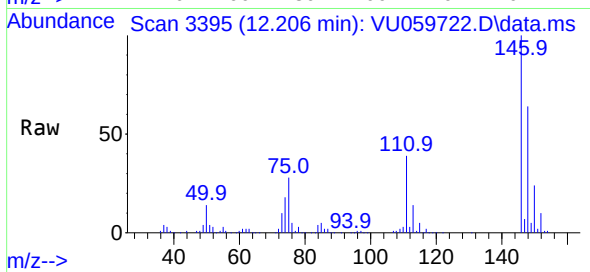
Tgt Ion:146 Resp: 179984
Ion Ratio Lower Upper
146 100
111 36.7 26.9 50.1
148 65.3 45.3 84.1



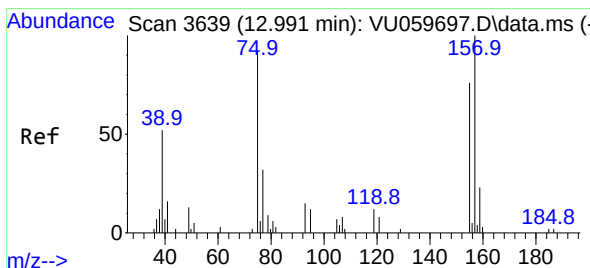
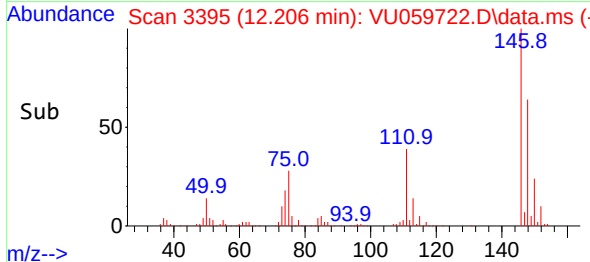
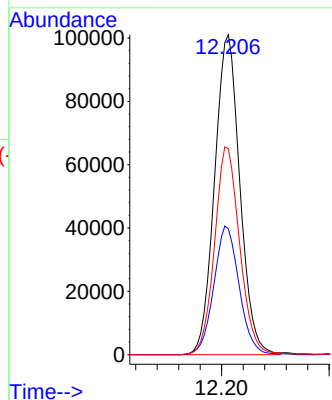


#67
1,2-Dichlorobenzene
Concen: 5.252 ug/L
RT: 12.206 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Instrument :
MSVOA_U
ClientSampleId :

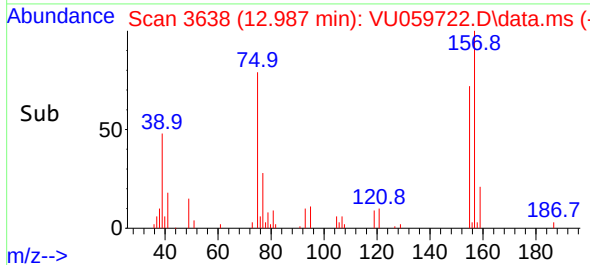
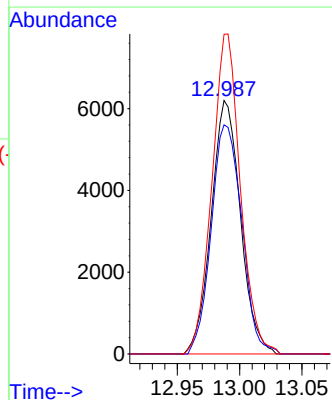
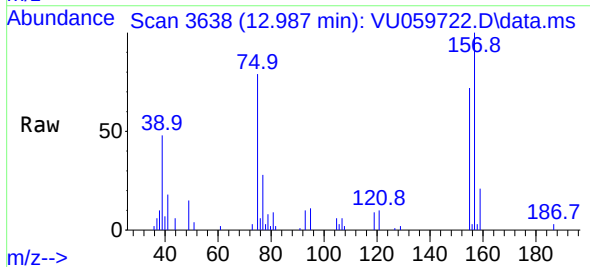


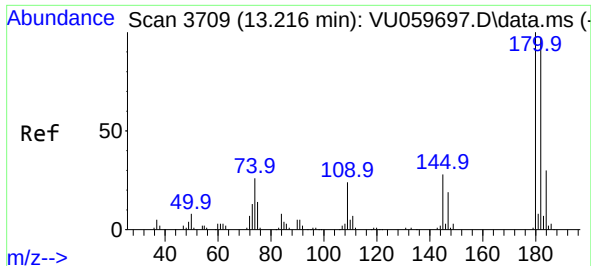
Tgt Ion:146 Resp: 164634
Ion Ratio Lower Upper
146 100
111 39.4 33.4 50.0
148 64.4 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.299 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

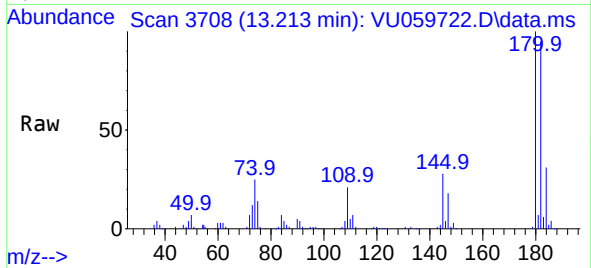
Tgt Ion: 75 Resp: 10127
Ion Ratio Lower Upper
75 100
155 90.4 58.2 87.2#
157 126.1 80.0 120.0#



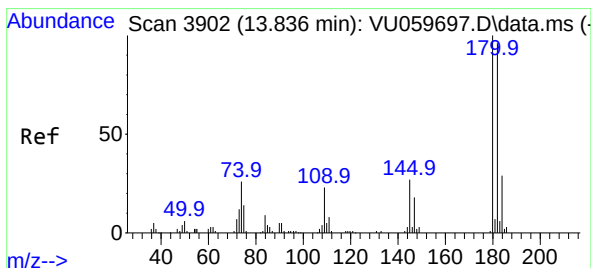
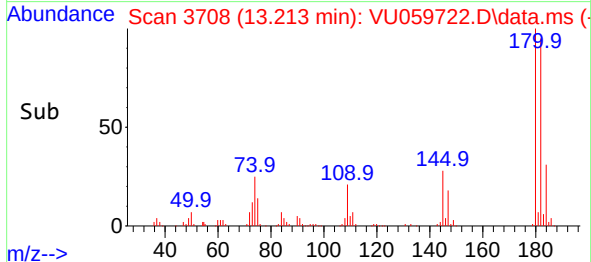
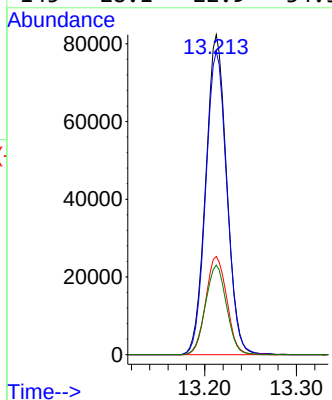


#69
1,3,5-Trichlorobenzene
Concen: 5.309 ug/L
RT: 13.213 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Instrument :
MSVOA_U
ClientSampleId :

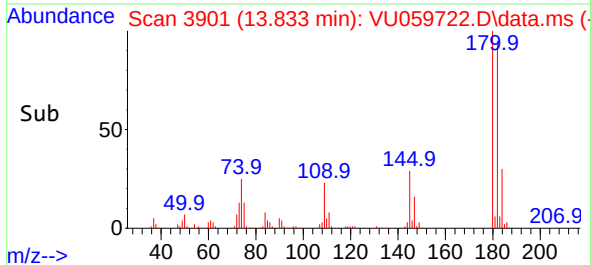
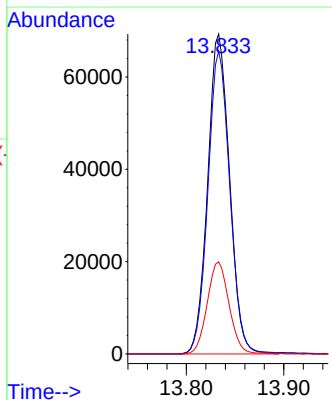
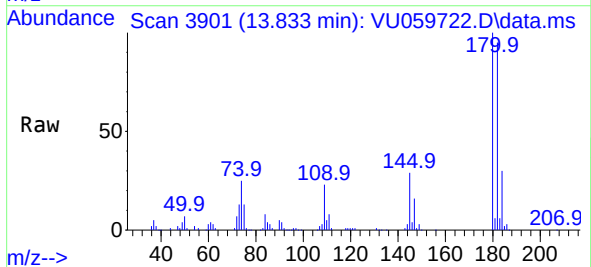


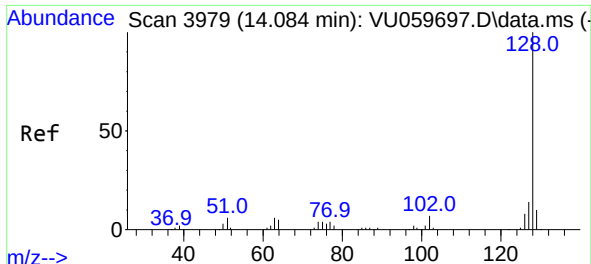
Tgt Ion:180 Resp: 130928
Ion Ratio Lower Upper
180 100
182 95.5 75.4 113.0
184 30.7 23.0 34.6
145 28.1 22.9 34.3



#70
1,2,4-trichlorobenzene
Concen: 5.733 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.003 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

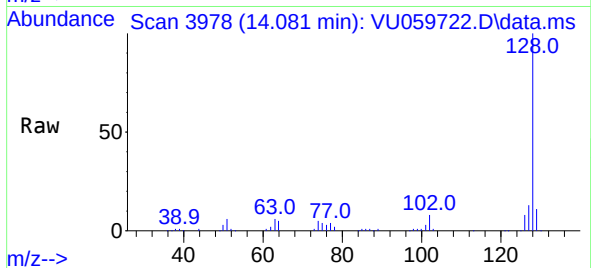
Tgt Ion:180 Resp: 108443
Ion Ratio Lower Upper
180 100
182 94.4 74.9 112.3
145 28.7 23.9 35.9



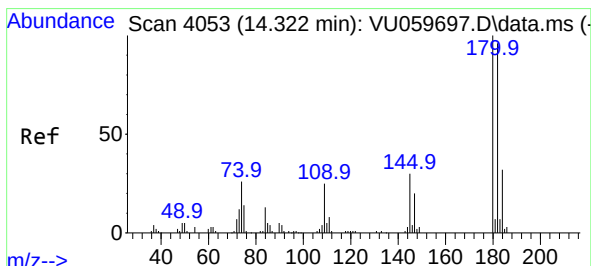
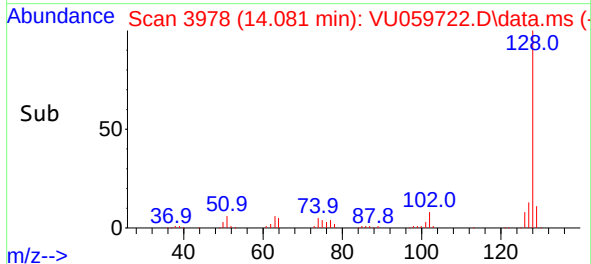
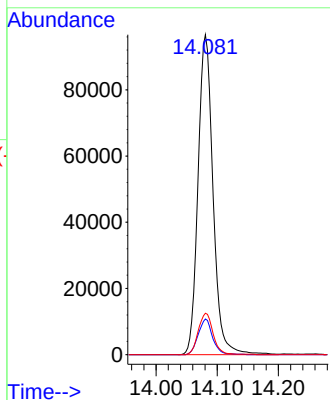


#71
Naphthalene
Concen: 6.094 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 165001
Ion Ratio Lower Upper
128 100
129 10.7 8.2 12.4
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.556 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU059722.D
Acq: 02 Jul 2024 06:27

Tgt Ion:180 Resp: 97584
Ion Ratio Lower Upper
180 100
182 95.4 77.0 115.6
145 30.6 26.2 39.4

