

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
 Data File : VU059872.D
 Acq On : 08 Jul 2024 09:57
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 09 02:25:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 06 02:59:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	158299	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	160205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84238	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	46418	4.217	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.907	69	43583	4.115	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.560	65	17964	3.934	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.618	46	121165	53.439	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.880%
24) Chloroform-d	5.055	84	104407	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.695	65	50362	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.721	84	199224	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.685	67	63424	4.694	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.894	98	188232	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.174	79	24074	5.690	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.800%
46) 2-Hexanone-d5	8.627	63	103973	59.149	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.300%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	57417	5.144	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	71579	4.774	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	61601	4.593	ug/L	98
3) Chloromethane	1.515	50	68906	4.773	ug/L	98
5) Vinyl chloride	1.602	62	78885	4.947	ug/L	98
6) Bromomethane	1.853	94	49812	4.492	ug/L	99
8) Chloroethane	1.927	64	49575	5.159	ug/L	100
9) Trichlorofluoromethane	2.132	101	100894	5.256	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	63219	5.202	ug/L	95
12) 1,1-Dichloroethene	2.573	96	56341	5.018	ug/L	82
13) Acetone	2.628	43	80797	54.934	ug/L	93
14) Carbon disulfide	2.788	76	178939	4.777	ug/L	100
15) Methyl Acetate	2.946	43	20170	5.197	ug/L #	90
16) Methylene chloride	3.039	84	66903	5.029	ug/L	91
17) Methyl tert-butyl Ether	3.357	73	128132	5.296	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	59751	5.117	ug/L	89
19) 1,1-Dichloroethane	3.859	63	110697	5.141	ug/L	98
21) 2-Butanone	4.698	43	130456	55.299	ug/L	90
22) cis-1,2-Dichloroethene	4.660	96	67132	5.216	ug/L	94
23) Bromochloromethane	4.968	128	31792	5.419	ug/L #	82
25) Chloroform	5.078	83	117946	5.201	ug/L	99

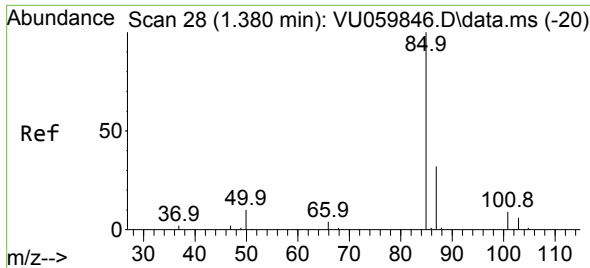
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 06 02:59:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	70398	5.123	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	96835	5.234	ug/L	97
30) Cyclohexane	5.383	56	81539	4.992	ug/L	93
31) Carbon tetrachloride	5.518	117	81865	5.285	ug/L	100
33) Benzene	5.766	78	259242	5.329	ug/L	100
34) Trichloroethene	6.537	95	68759	5.219	ug/L	97
35) Methylcyclohexane	6.756	83	97074	5.178	ug/L	95
37) 1,2-Dichloropropane	6.785	63	66310	5.267	ug/L #	98
38) Bromodichloromethane	7.100	83	84767	5.394	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	93137	5.409	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	316853	54.313	ug/L #	94
42) Toluene	7.965	91	287106	5.574	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	76804	5.558	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	51741	5.577	ug/L	98
47) Tetrachloroethene	8.547	164	56492	5.526	ug/L	94
48) 2-Hexanone	8.679	43	238489	57.281	ug/L #	93
49) Dibromochloromethane	8.804	129	56946	5.541	ug/L	96
50) 1,2-Dibromoethane	8.920	107	47710	5.569	ug/L	95
51) Chlorobenzene	9.441	112	175992	5.387	ug/L	94
52) Ethylbenzene	9.566	91	277475	5.252	ug/L	96
53) m,p-Xylene	9.688	106	112575	5.548	ug/L	94
54) o-Xylene	10.097	106	104511	5.427	ug/L	97
55) Styrene	10.110	104	183230	5.589	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	62946	5.593	ug/L #	98
59) Bromoform	10.286	173	34494	5.350	ug/L #	97
60) Isopropylbenzene	10.479	105	277946	5.341	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	41988	5.394	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	207714	5.039	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	209234	5.309	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	146401	5.532	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	143805	5.279	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	133381	5.355	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	8506	5.602	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.216	180	107184	5.471	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	83711	5.570	ug/L	99
71) Naphthalene	14.084	128	118272	5.498	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	77212	5.533	ug/L	99

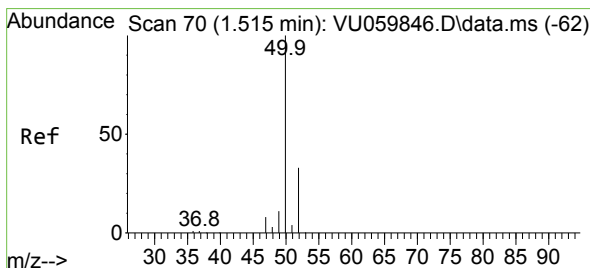
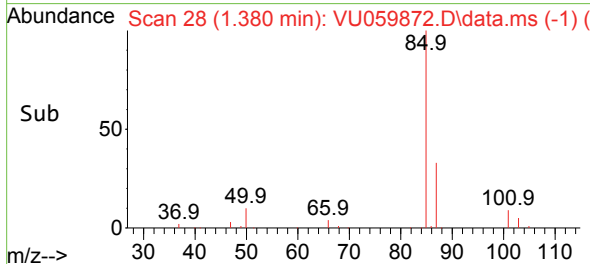
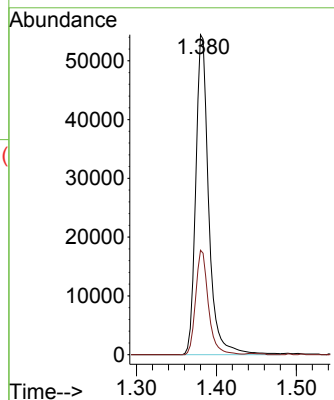
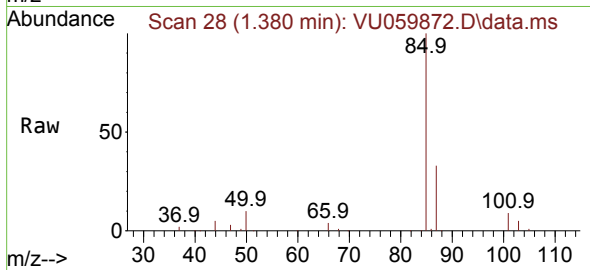
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.593 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU059872.D
 Acq: 08 Jul 2024 09:57

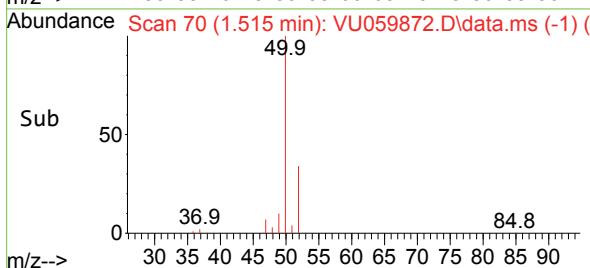
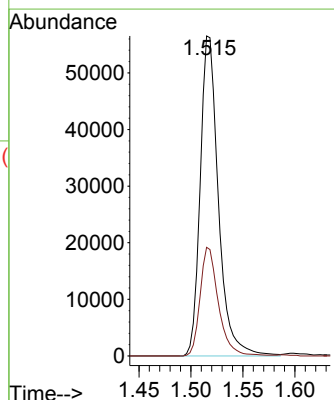
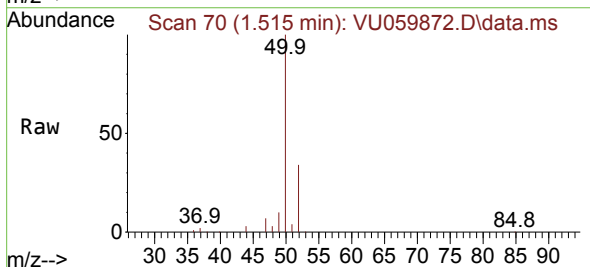
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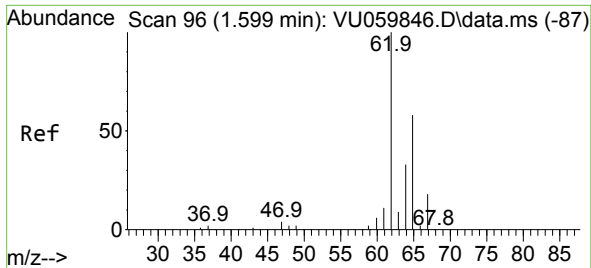
Tgt Ion: 85 Resp: 61601
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.6 40.0



#3
 Chloromethane
 Concen: 4.773 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU059872.D
 Acq: 08 Jul 2024 09:57

Tgt Ion: 50 Resp: 68906
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.2 43.0

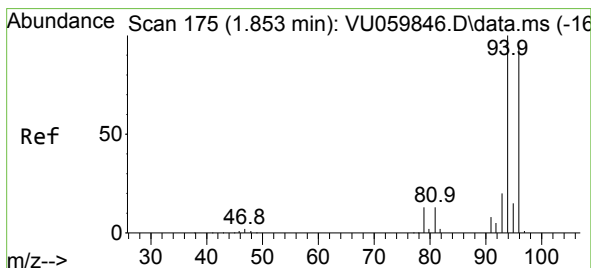
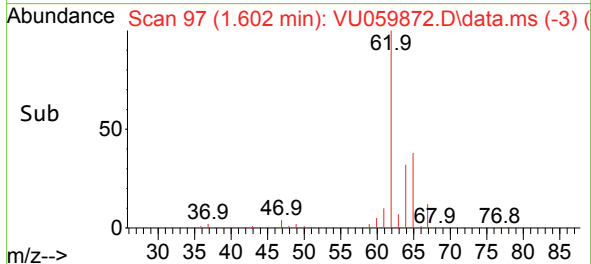
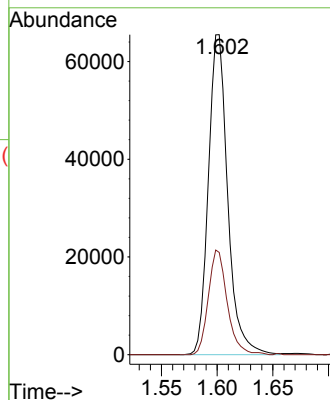
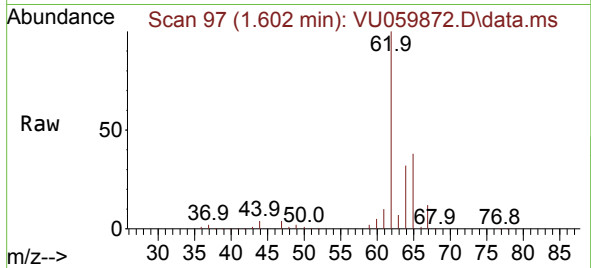




#5
 Vinyl chloride
 Concen: 4.947 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU059872.D
 Acq: 08 Jul 2024 09:57

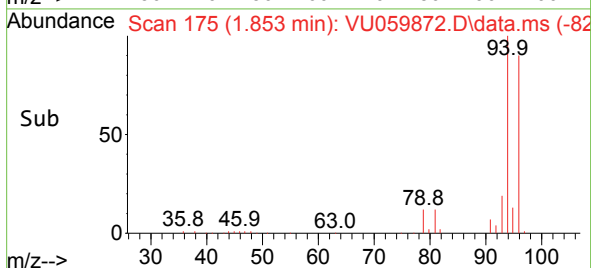
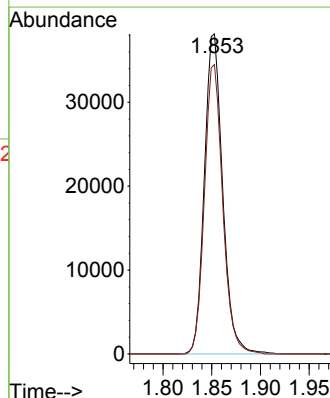
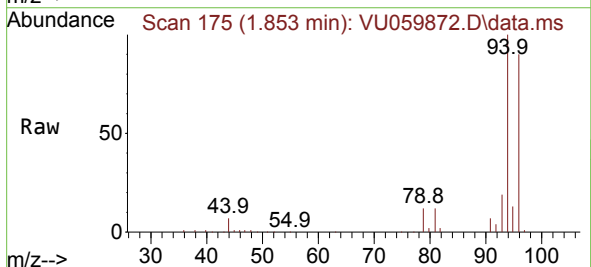
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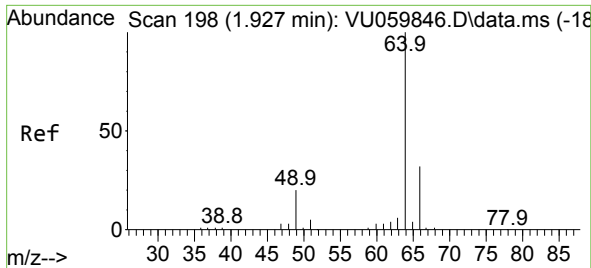
Tgt Ion: 62 Resp: 78885
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.1 42.9



#6
 Bromomethane
 Concen: 4.492 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU059872.D
 Acq: 08 Jul 2024 09:57

Tgt Ion: 94 Resp: 49812
 Ion Ratio Lower Upper
 94 100
 96 90.4 62.9 116.9

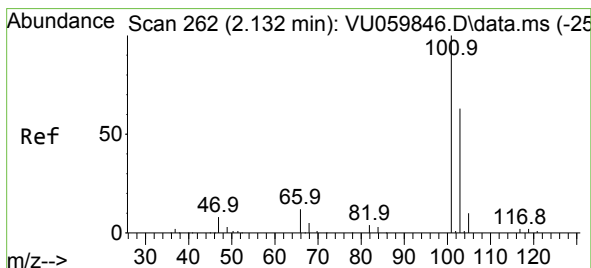
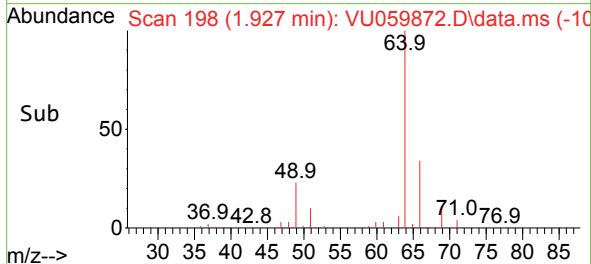
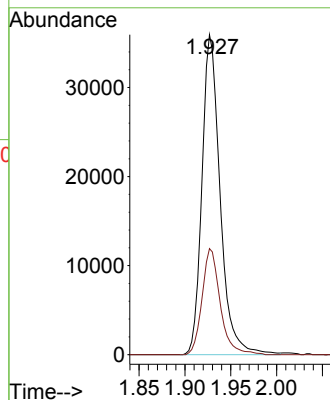
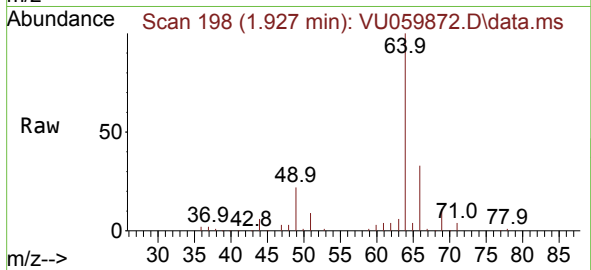




#8
Chloroethane
Concen: 5.159 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

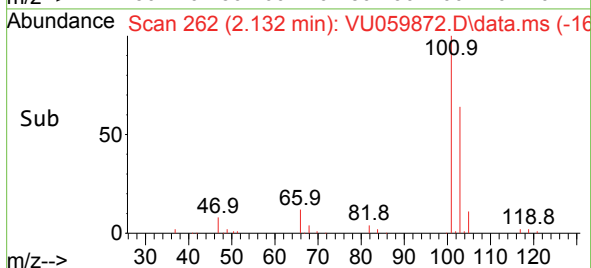
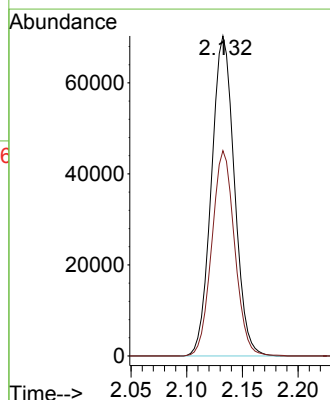
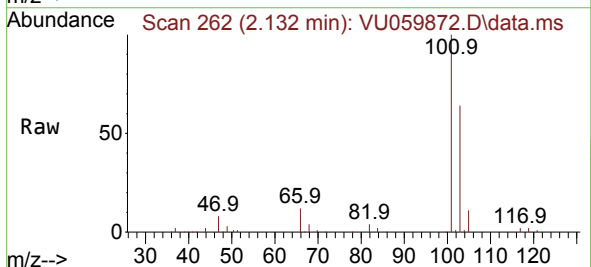
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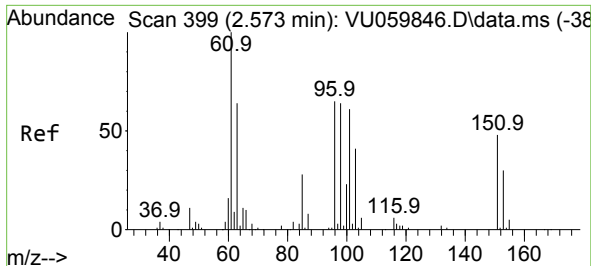
Tgt Ion: 64 Resp: 49575
Ion Ratio Lower Upper
64 100
66 33.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.256 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

Tgt Ion: 101 Resp: 100894
Ion Ratio Lower Upper
101 100
103 63.9 52.6 79.0

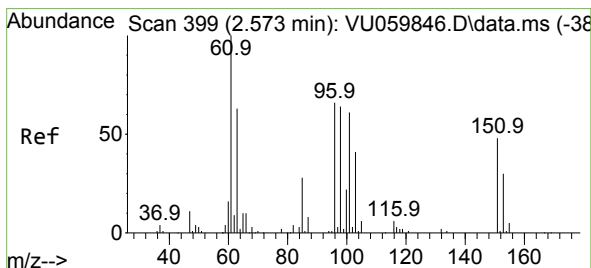
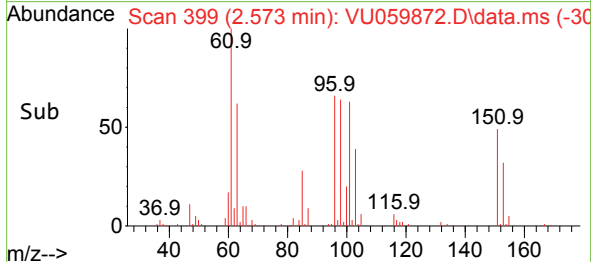
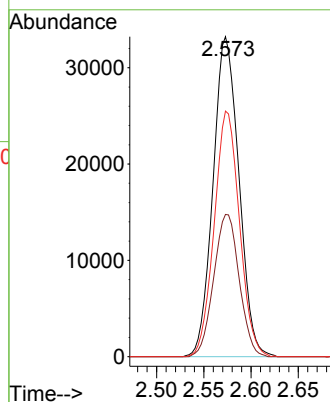
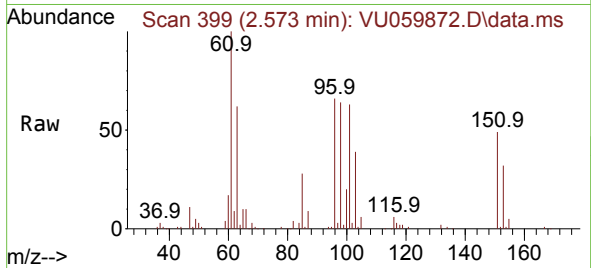




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.202 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU059872.D
 Acq: 08 Jul 2024 09:57

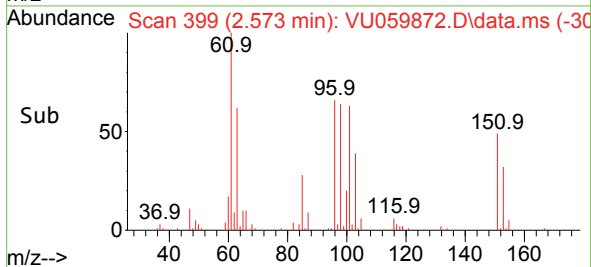
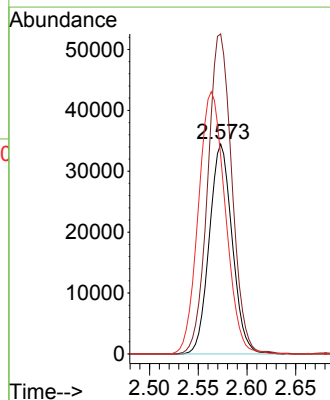
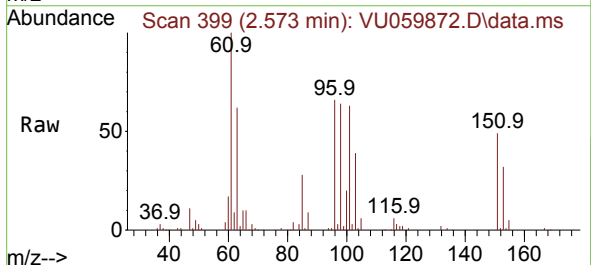
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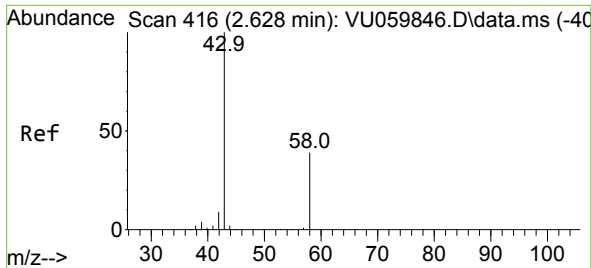
Tgt Ion: 101 Resp: 63219
 Ion Ratio Lower Upper
 101 100
 85 43.8 36.2 54.4
 151 75.0 55.5 83.3



#12
 1,1-Dichloroethene
 Concen: 5.018 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU059872.D
 Acq: 08 Jul 2024 09:57

Tgt Ion: 96 Resp: 56341
 Ion Ratio Lower Upper
 96 100
 61 152.4 122.9 228.3
 63 94.3 80.4 149.4





#13

Acetone

Concen: 54.934 ug/L

RT: 2.628 min Scan# 416

Delta R.T. -0.000 min

Lab File: VU059872.D

Acq: 08 Jul 2024 09:57

Instrument :

MSVOA_U

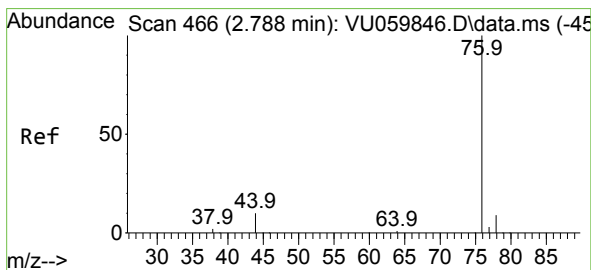
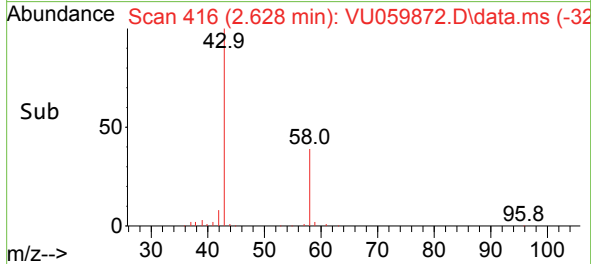
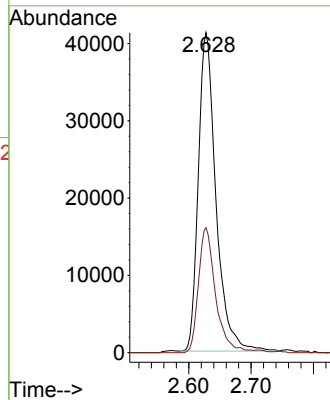
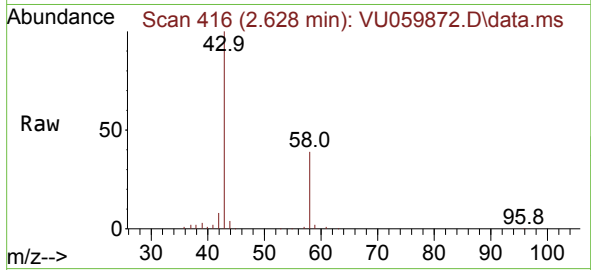
ClientSampleId :

Tgt Ion: 43 Resp: 80797

Ion Ratio Lower Upper

43 100

58 38.2 0.0 68.0



#14

Carbon disulfide

Concen: 4.777 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU059872.D

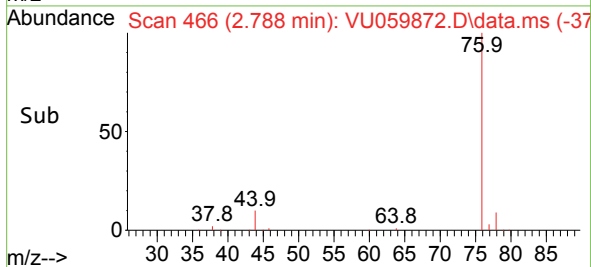
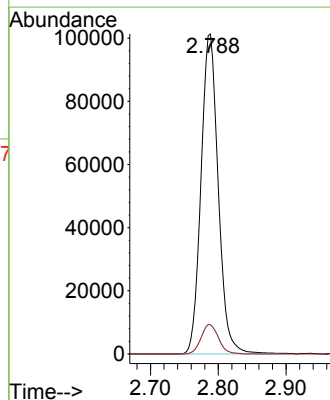
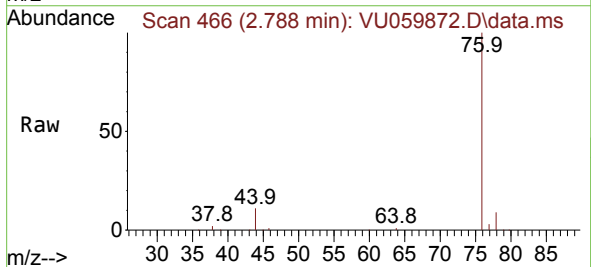
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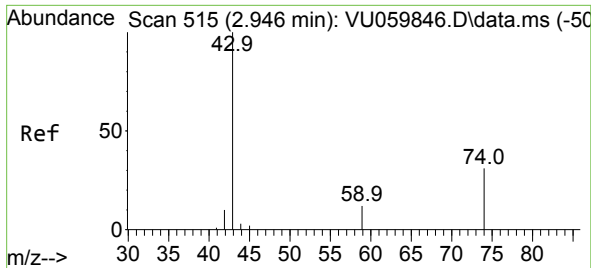
Tgt Ion: 76 Resp: 178939

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

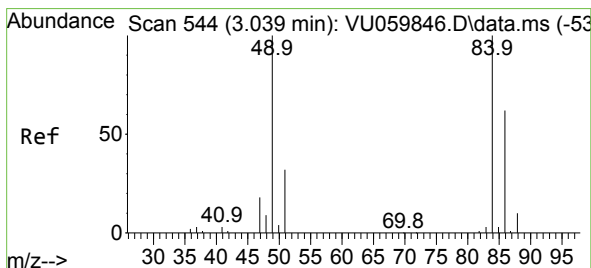
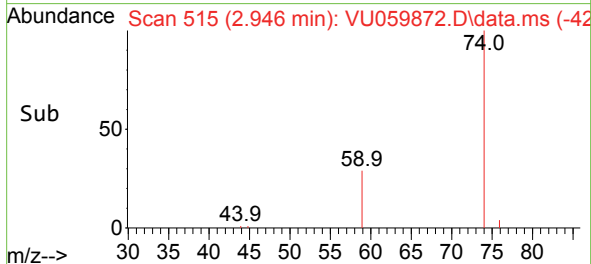
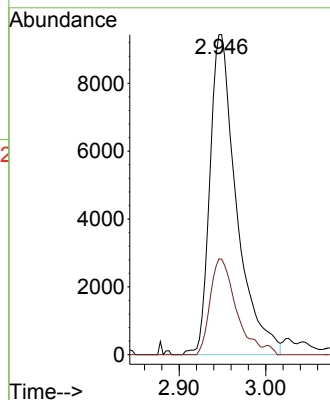
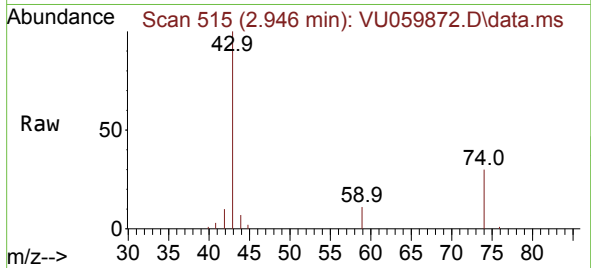




#15
Methyl Acetate
Concen: 5.197 ug/L
RT: 2.946 min Scan# 515
Delta R.T. -0.000 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

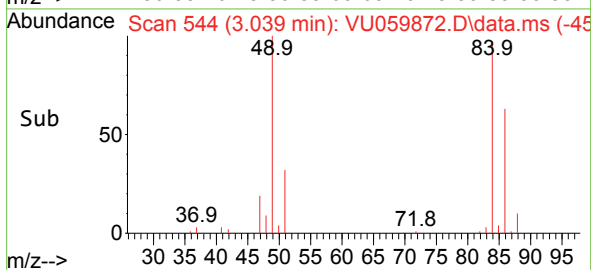
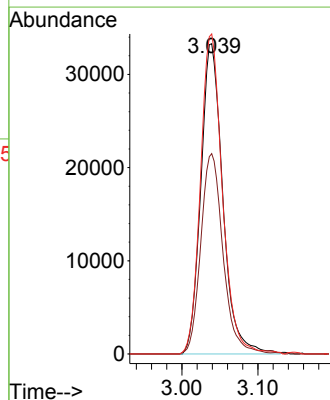
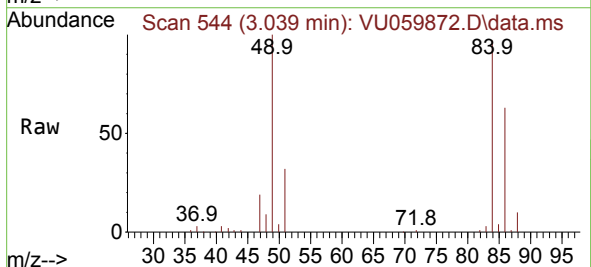
Instrument :
MSVOA_U
ClientSampleId :

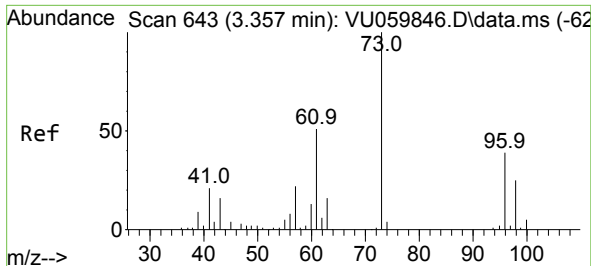
Tgt Ion: 43 Resp: 20170
Ion Ratio Lower Upper
43 100
74 28.8 19.2 28.8#



#16
Methylene chloride
Concen: 5.029 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

Tgt Ion: 84 Resp: 66903
Ion Ratio Lower Upper
84 100
86 64.6 42.1 78.1
49 103.1 80.6 149.8

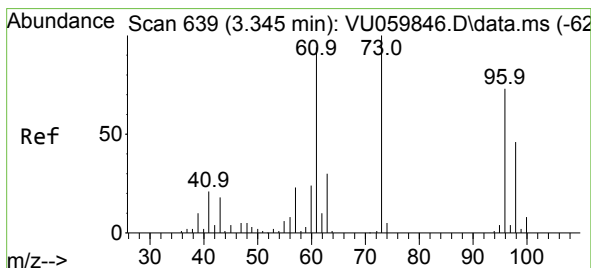
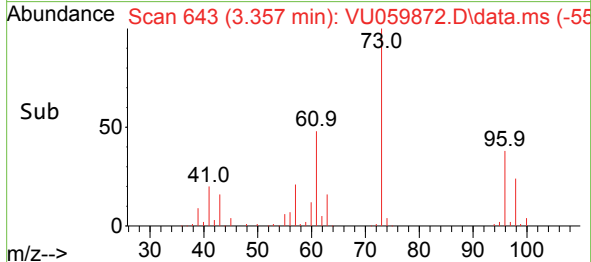
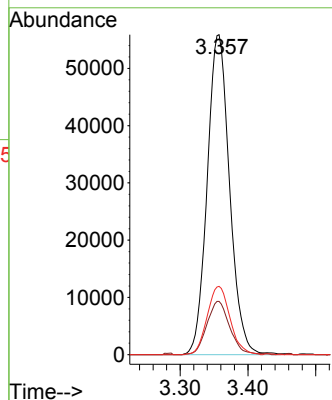
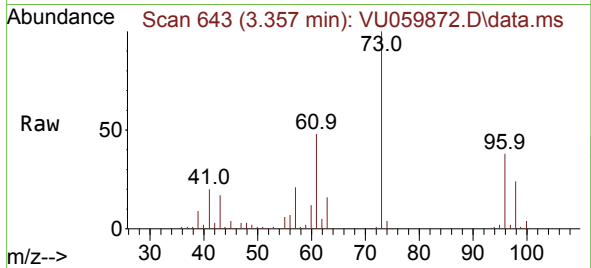




#17
Methyl tert-butyl Ether
Concen: 5.296 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

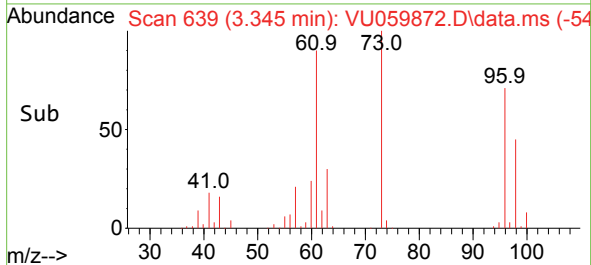
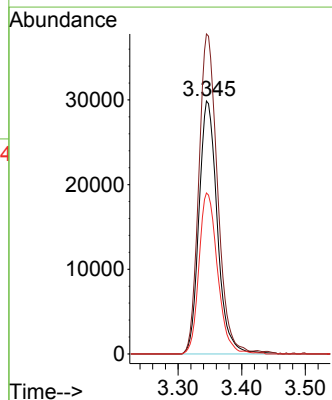
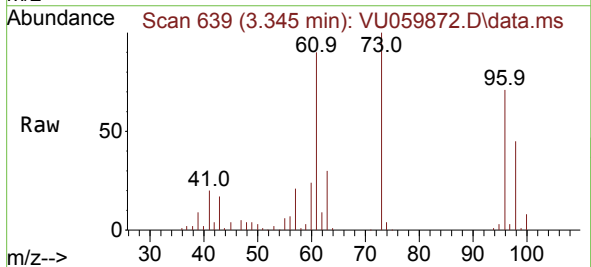
Instrument :
MSVOA_U
ClientSampleId :

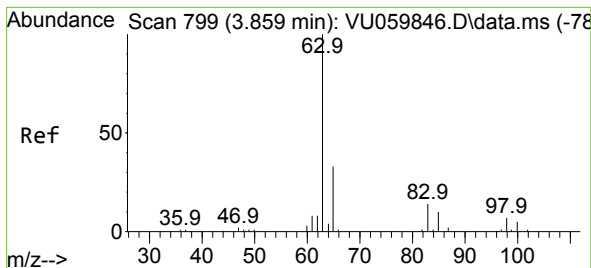
Tgt Ion: 73 Resp: 128132
Ion Ratio Lower Upper
73 100
43 17.0 14.9 22.3
57 21.8 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.117 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

Tgt Ion: 96 Resp: 59751
Ion Ratio Lower Upper
96 100
61 126.5 101.8 189.0
98 63.6 43.3 80.5





#19

1,1-Dichloroethane

Concen: 5.141 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU059872.D

Acq: 08 Jul 2024 09:57

Instrument :

MSVOA_U

ClientSampleId :

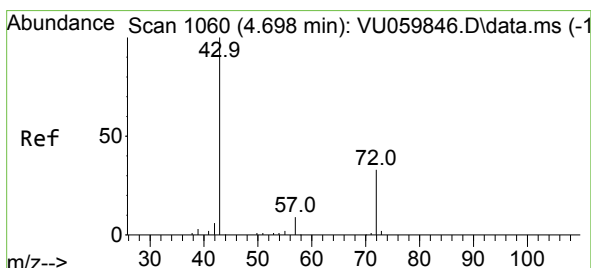
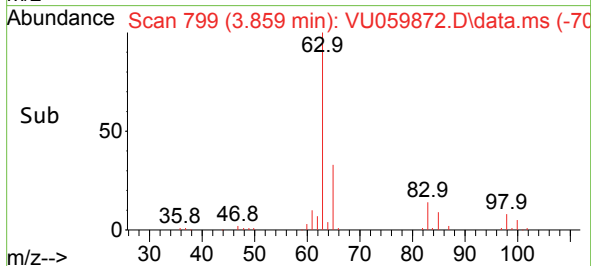
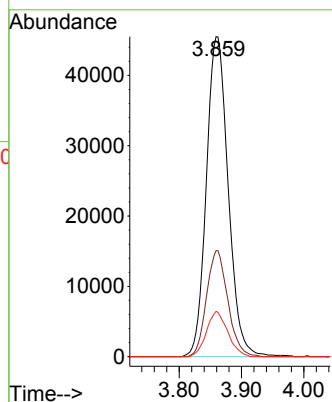
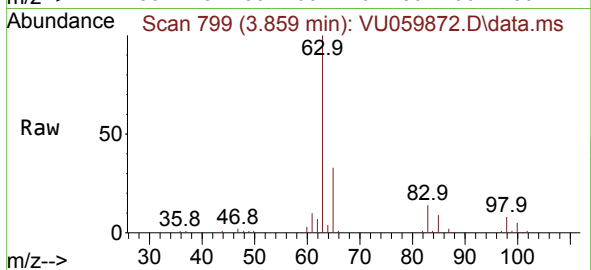
Tgt Ion: 63 Resp: 110697

Ion Ratio Lower Upper

63 100

65 33.2 21.8 40.6

83 14.1 9.9 18.5



#21

2-Butanone

Concen: 55.299 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VU059872.D

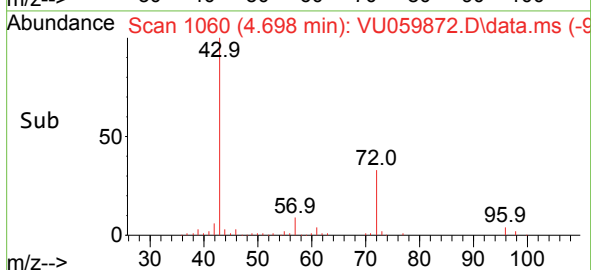
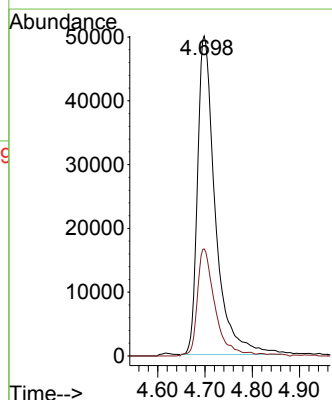
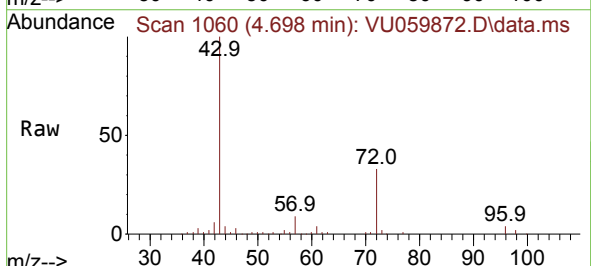
Acq: 08 Jul 2024 09:57

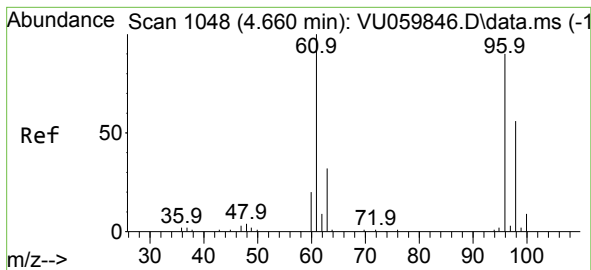
Tgt Ion: 43 Resp: 130456

Ion Ratio Lower Upper

43 100

72 32.8 13.8 41.4





#22

cis-1,2-Dichloroethene

Concen: 5.216 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

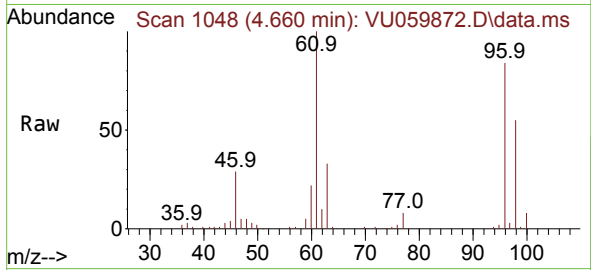
Lab File: VU059872.D

Acq: 08 Jul 2024 09:57

Instrument :

MSVOA_U

ClientSampleId :



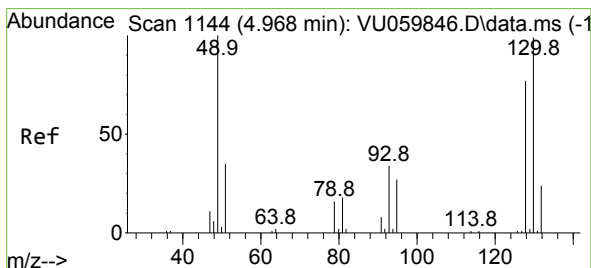
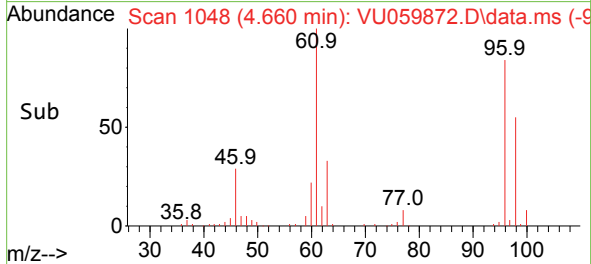
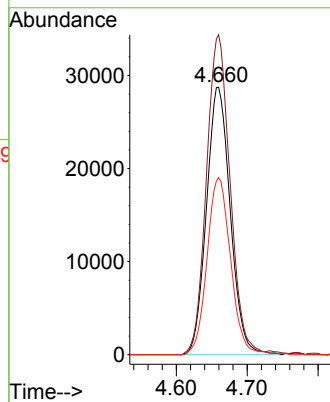
Tgt Ion: 96 Resp: 67132

Ion Ratio Lower Upper

96 100

61 119.6 87.4 162.2

98 66.2 42.3 78.5



#23

Bromochloromethane

Concen: 5.419 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VU059872.D

Acq: 08 Jul 2024 09:57

Tgt Ion: 128 Resp: 31792

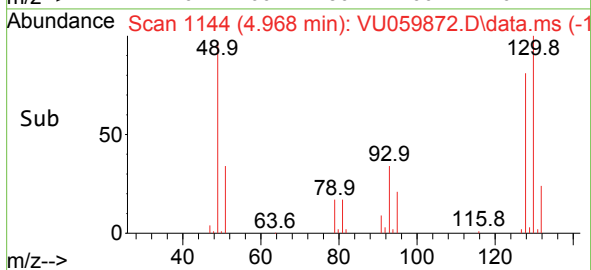
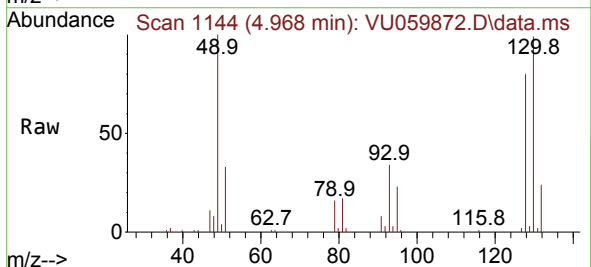
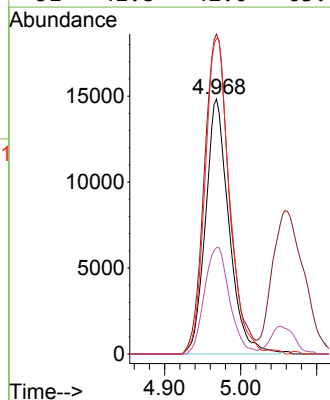
Ion Ratio Lower Upper

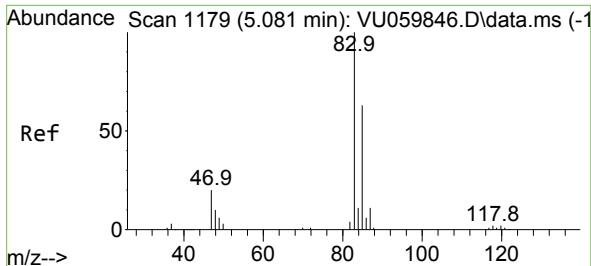
128 100

49 125.5 117.0 217.4

130 123.9 89.6 166.4

51 41.8 42.0 63.0#

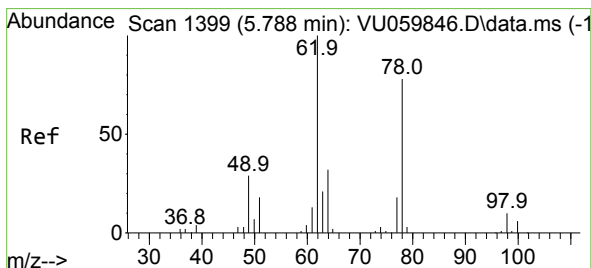
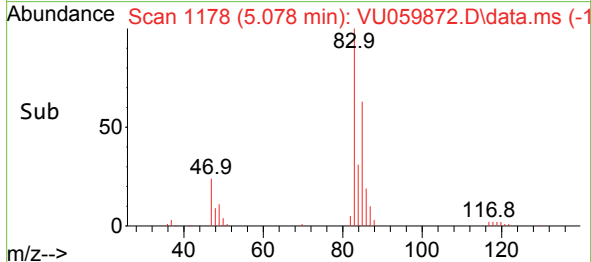
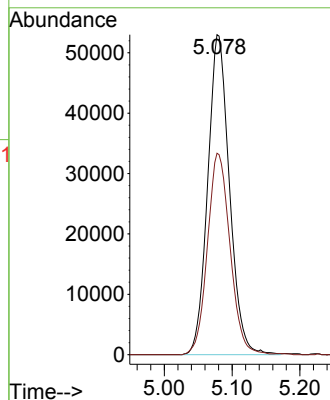
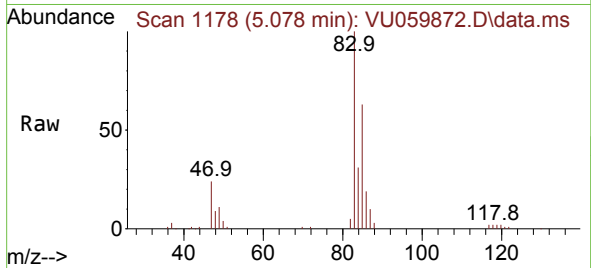




#25
Chloroform
Concen: 5.201 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

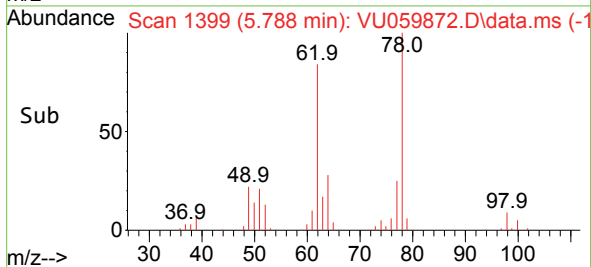
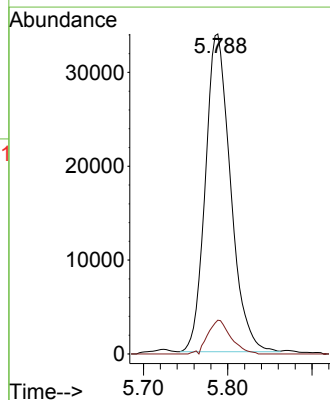
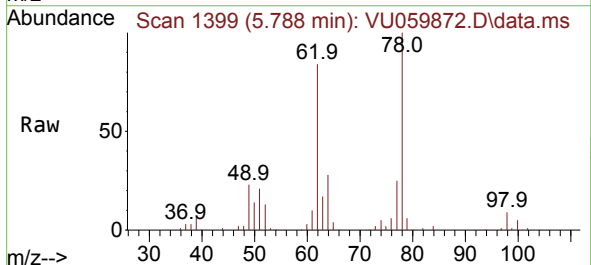
Instrument :
MSVOA_U
ClientSampleId :

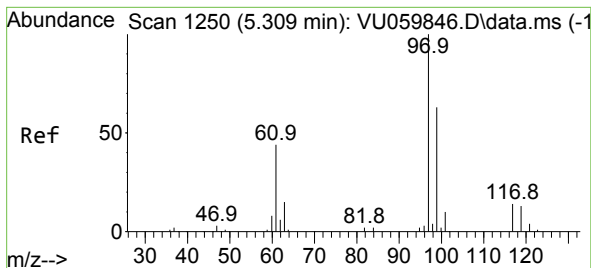
Tgt Ion: 83 Resp: 117946
Ion Ratio Lower Upper
83 100
85 62.9 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.123 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

Tgt Ion: 62 Resp: 70398
Ion Ratio Lower Upper
62 100
98 10.5 7.5 11.3





#29

1,1,1-Trichloroethane

Concen: 5.234 ug/L

RT: 5.309 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU059872.D

Acq: 08 Jul 2024 09:57

Instrument :

MSVOA_U

ClientSampleId :

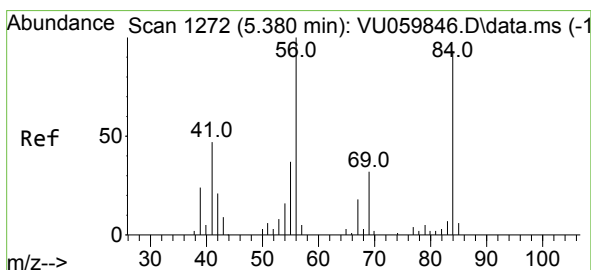
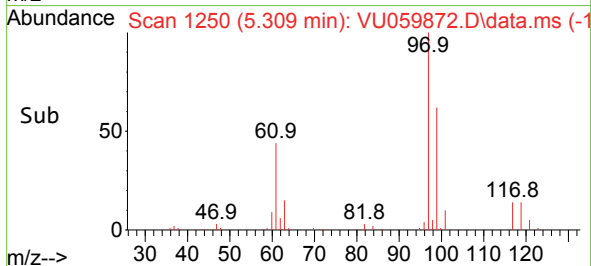
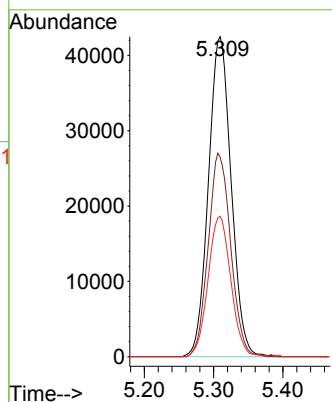
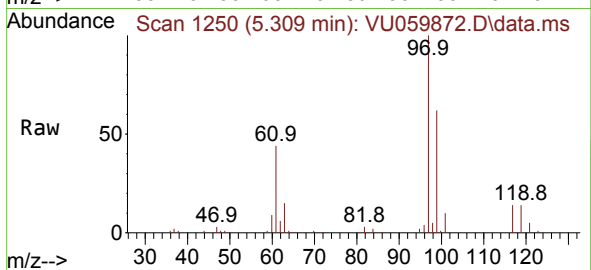
Tgt Ion: 97 Resp: 96835

Ion Ratio Lower Upper

97 100

99 62.8 51.8 77.6

61 43.9 37.4 56.2



#30

Cyclohexane

Concen: 4.992 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VU059872.D

Acq: 08 Jul 2024 09:57

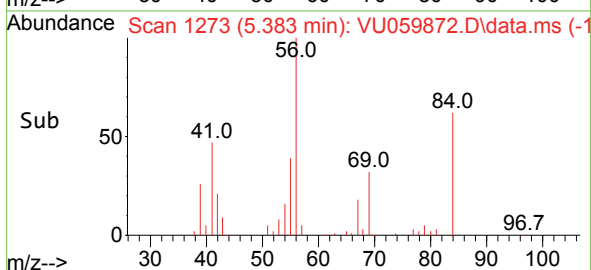
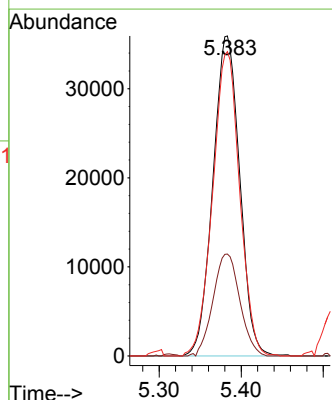
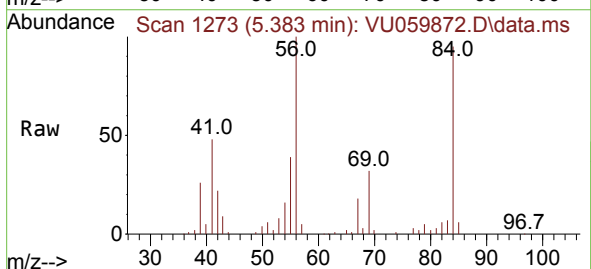
Tgt Ion: 56 Resp: 81539

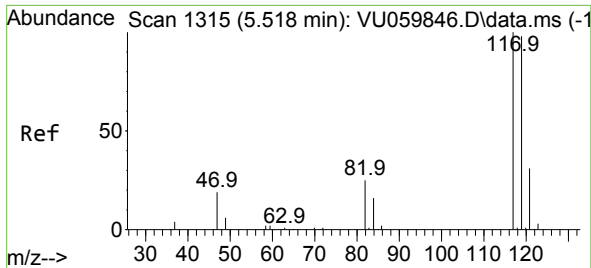
Ion Ratio Lower Upper

56 100

69 31.9 24.8 37.2

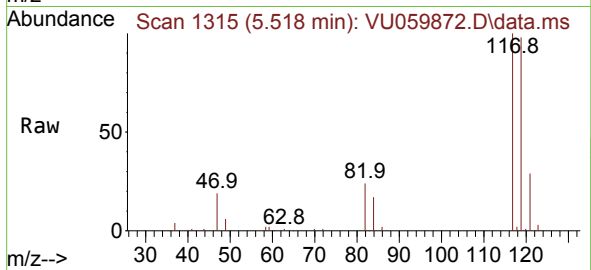
84 95.9 69.8 104.8



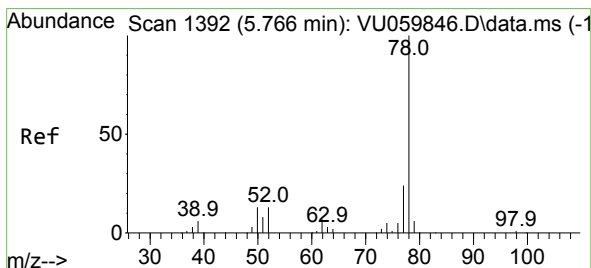
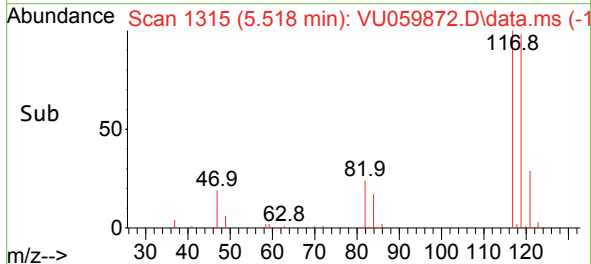
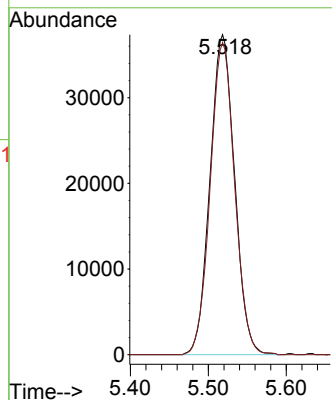


#31
Carbon tetrachloride
Concen: 5.285 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

Instrument :
MSVOA_U
ClientSampleId :

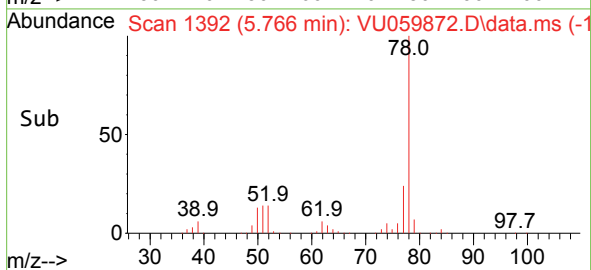
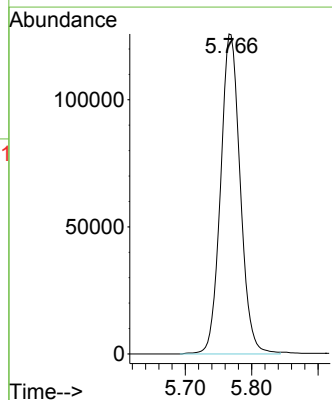
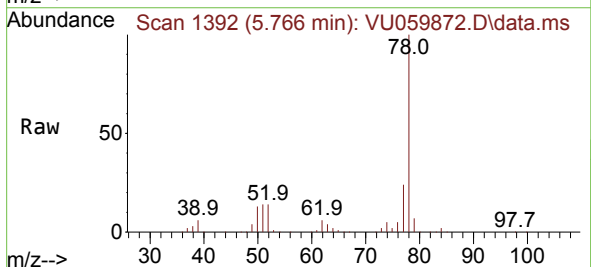


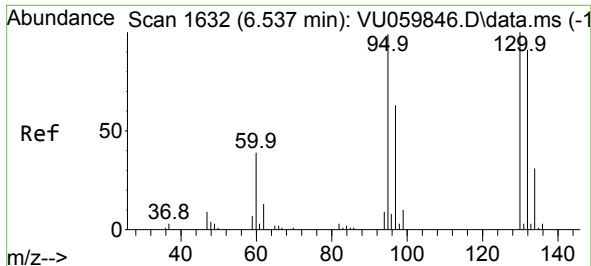
Tgt Ion:117 Resp: 81865
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3



#33
Benzene
Concen: 5.329 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

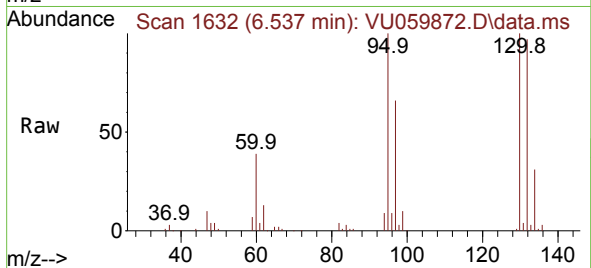
Tgt Ion: 78 Resp: 259242



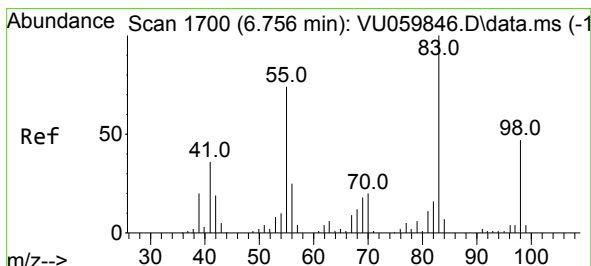
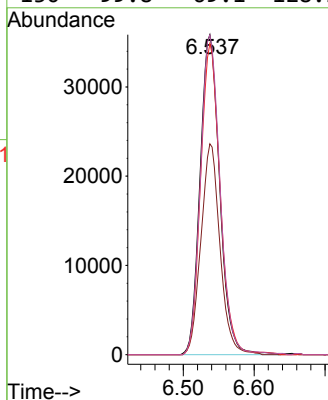
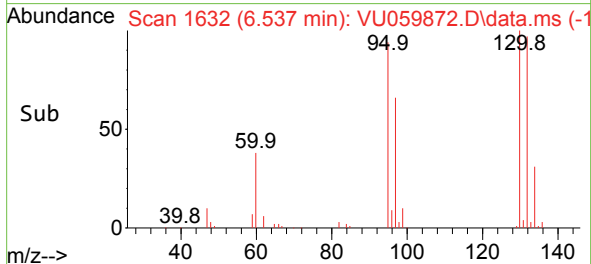


#34
Trichloroethene
Concen: 5.219 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

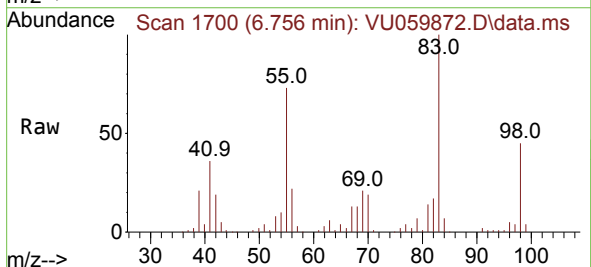
Instrument :
MSVOA_U
ClientSampleId :



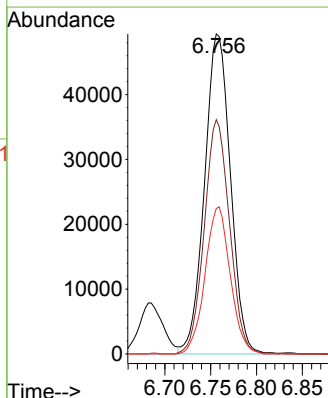
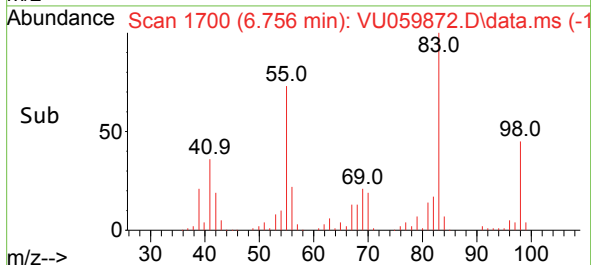
Tgt Ion: 95 Resp: 68759
Ion Ratio Lower Upper
95 100
97 65.9 45.3 84.1
132 97.2 64.0 119.0
130 99.8 69.1 128.3

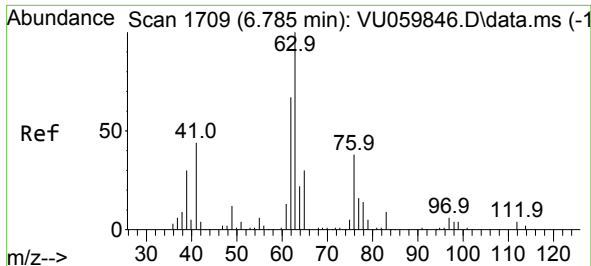


#35
Methylcyclohexane
Concen: 5.178 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57



Tgt Ion: 83 Resp: 97074
Ion Ratio Lower Upper
83 100
55 71.5 62.7 94.1
98 44.7 35.4 53.0

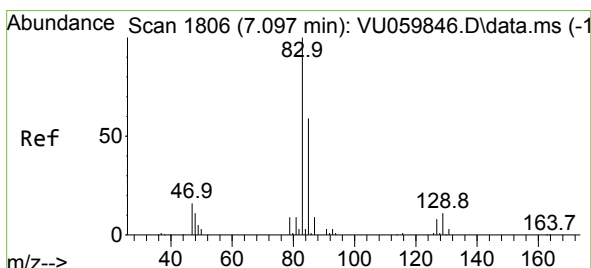
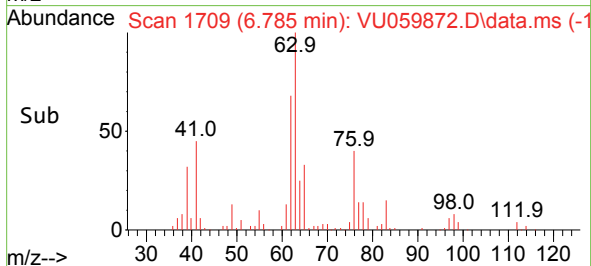
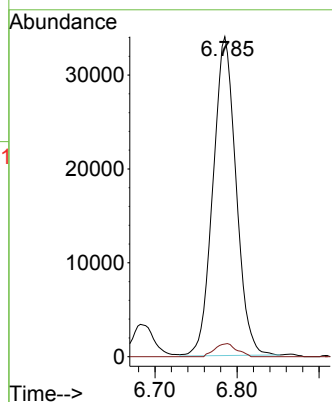
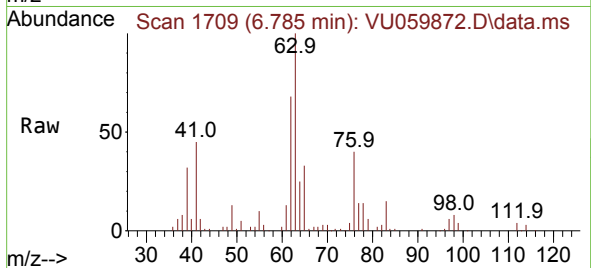




#37
1,2-Dichloropropane
Concen: 5.267 ug/L
RT: 6.785 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

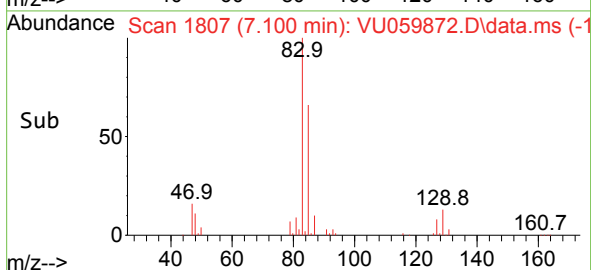
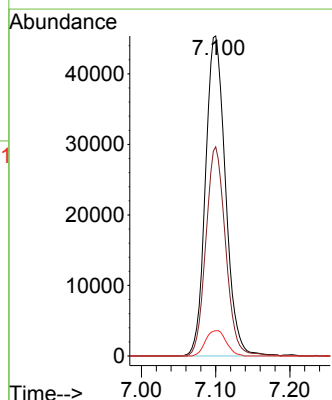
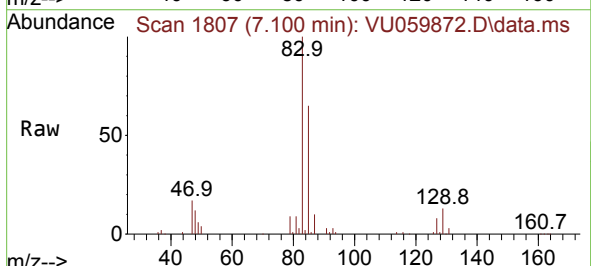
Instrument :
MSVOA_U
ClientSampleId :

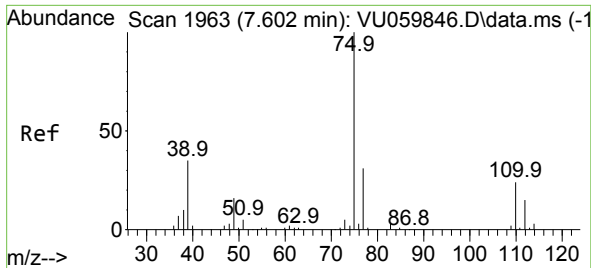
Tgt Ion: 63 Resp: 66310
Ion Ratio Lower Upper
63 100
112 3.9 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.394 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

Tgt Ion: 83 Resp: 84767
Ion Ratio Lower Upper
83 100
85 65.3 42.7 79.3
127 7.9 6.1 9.1

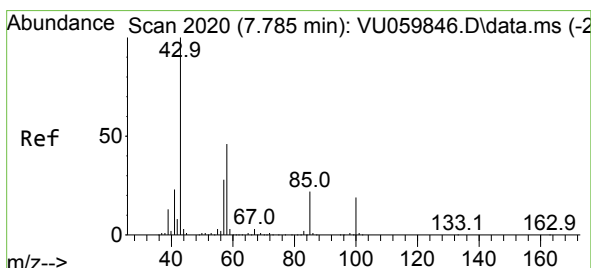
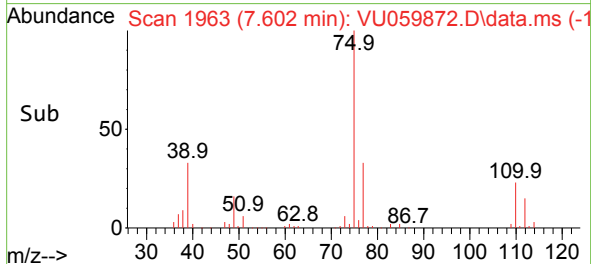
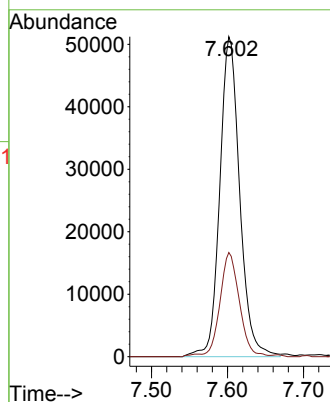
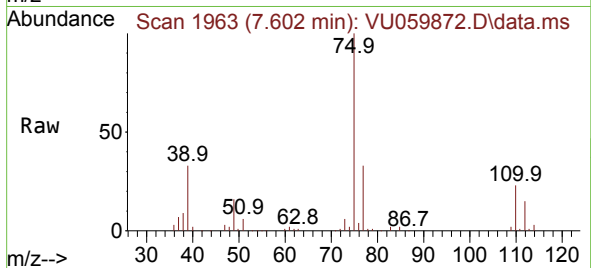




#39
cis-1,3-Dichloropropene
Concen: 5.409 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

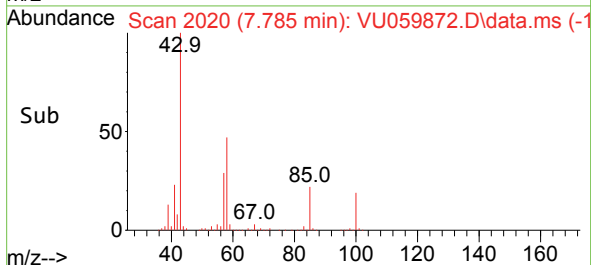
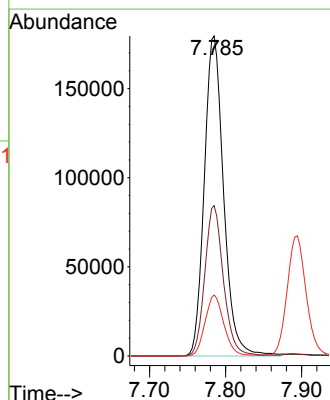
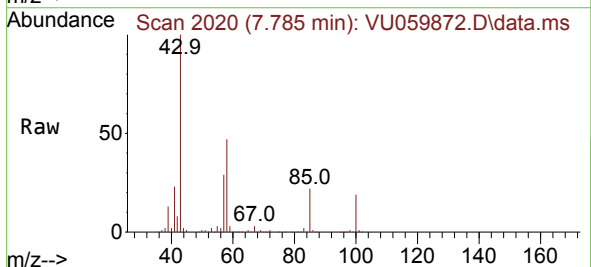
Instrument :
MSVOA_U
ClientSampleId :

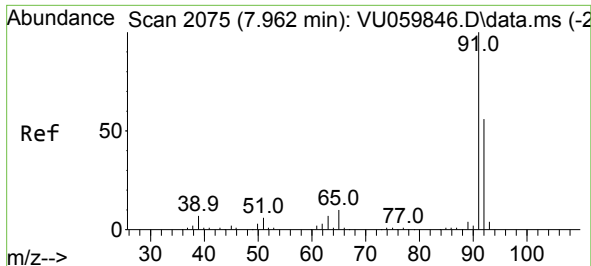
Tgt Ion: 75 Resp: 93137
Ion Ratio Lower Upper
75 100
77 32.6 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 54.313 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. -0.000 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

Tgt Ion: 43 Resp: 316853
Ion Ratio Lower Upper
43 100
58 45.5 34.0 51.0
100 18.6 12.1 18.1#





#42

Toluene

Concen: 5.574 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU059872.D

Acq: 08 Jul 2024 09:57

Instrument :

MSVOA_U

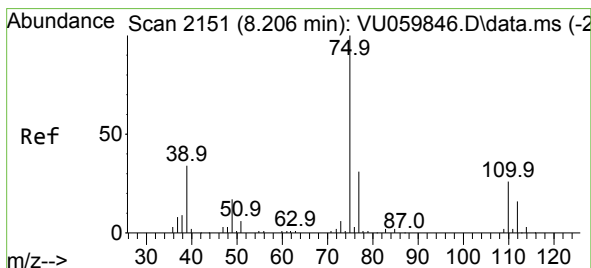
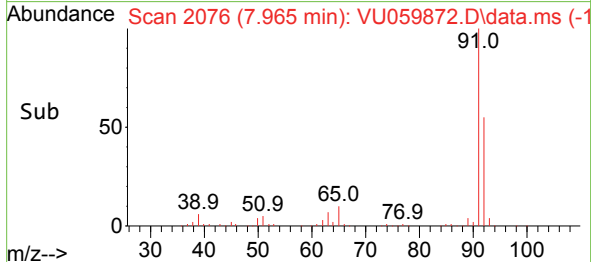
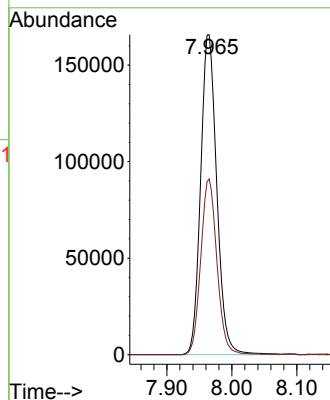
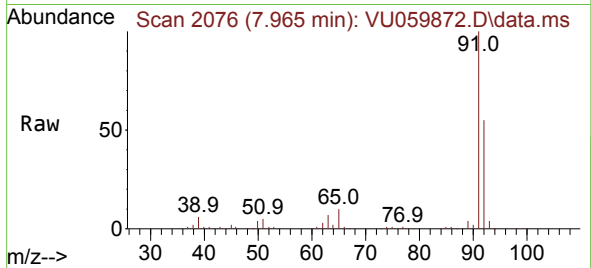
ClientSampleId :

Tgt Ion: 91 Resp: 287106

Ion Ratio Lower Upper

91 100

92 54.9 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.558 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU059872.D

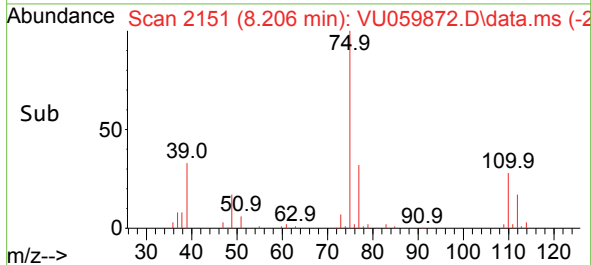
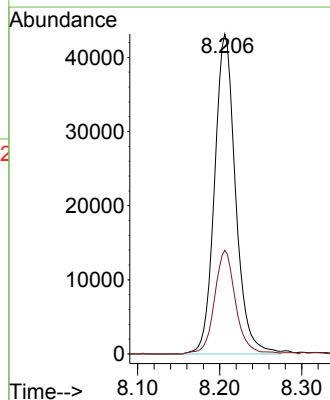
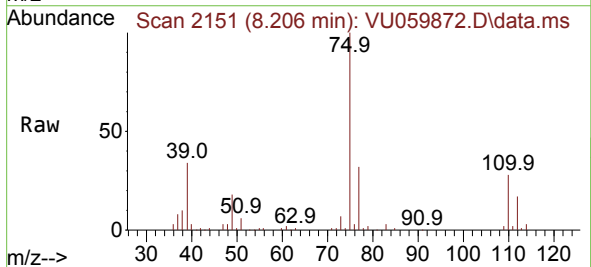
Acq: 08 Jul 2024 09:57

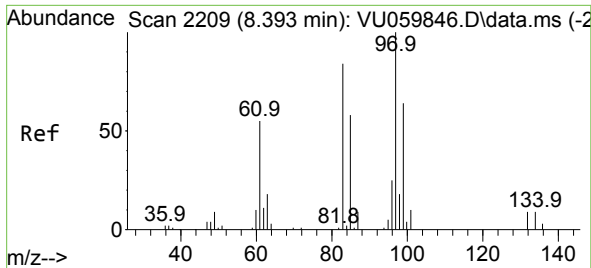
Tgt Ion: 75 Resp: 76804

Ion Ratio Lower Upper

75 100

77 32.4 22.0 41.0



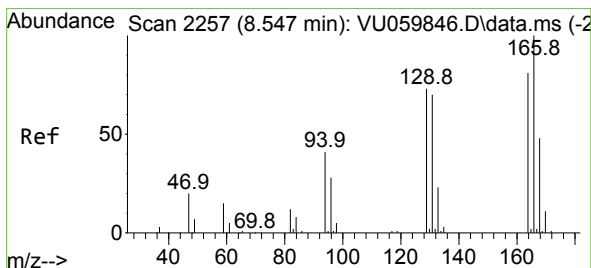
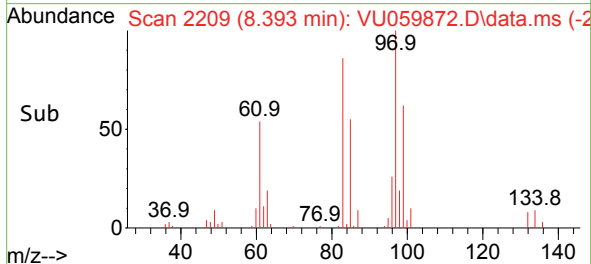
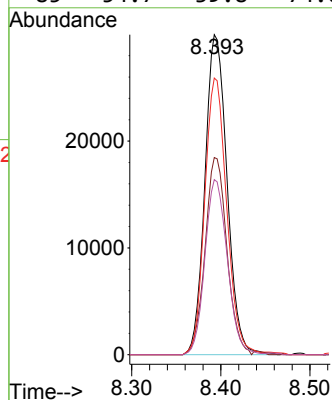
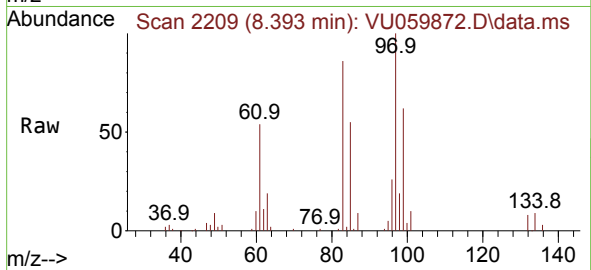


#45
1,1,2-Trichloroethane
Concen: 5.577 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 51741

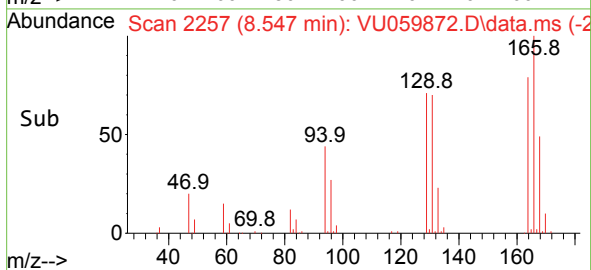
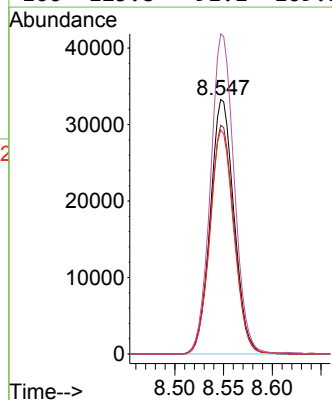
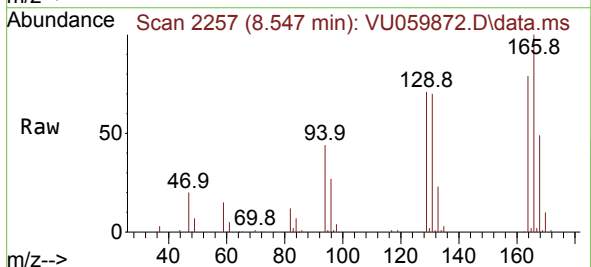
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.3	80.3
83	86.4	62.3	115.7
85	54.7	39.8	74.0

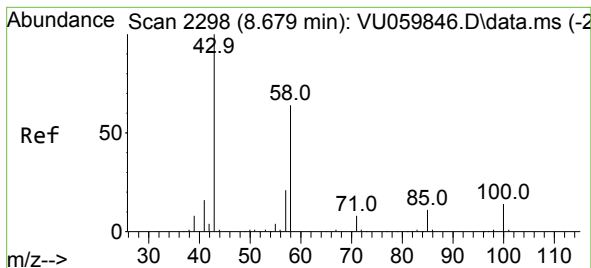


#47
Tetrachloroethene
Concen: 5.526 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

Tgt Ion: 164 Resp: 56492

Ion	Ratio	Lower	Upper
164	100		
129	89.9	70.8	131.4
131	88.0	64.8	120.3
166	125.8	91.1	169.1





#48

2-Hexanone

Concen: 57.281 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.000 min

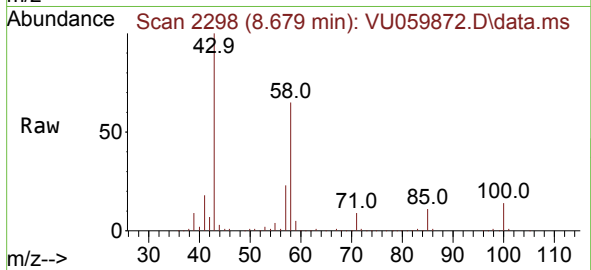
Lab File: VU059872.D

Acq: 08 Jul 2024 09:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 238489

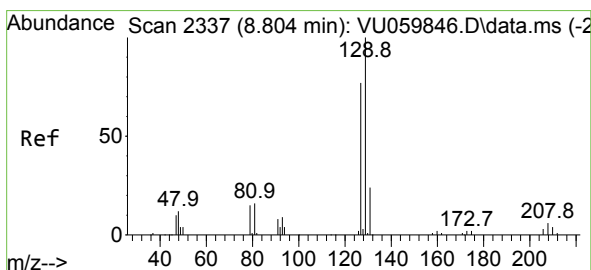
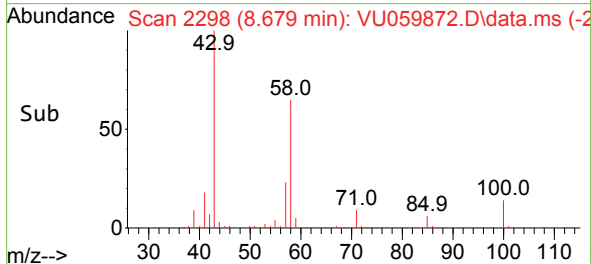
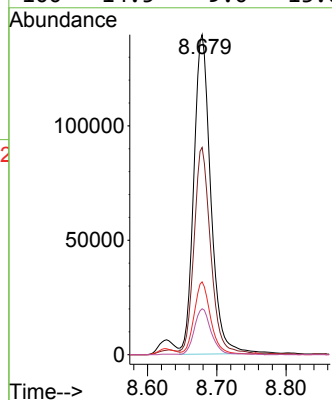
Ion Ratio Lower Upper

43 100

58 63.1 46.1 69.1

57 22.0 15.5 23.3

100 14.5 9.0 13.6#



#49

Dibromochloromethane

Concen: 5.541 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU059872.D

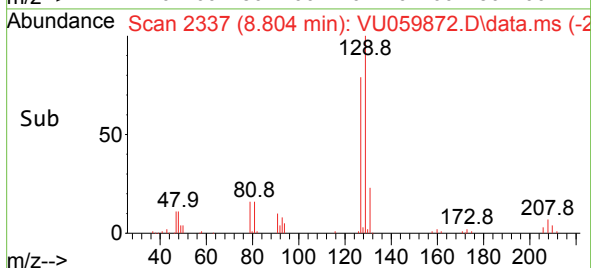
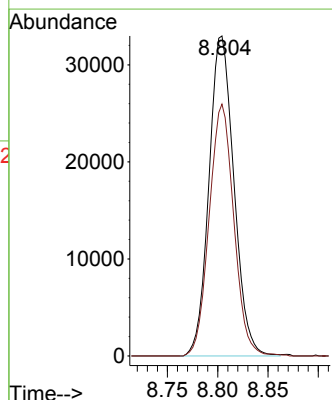
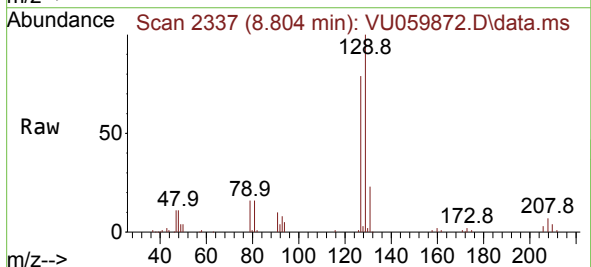
Acq: 08 Jul 2024 09:57

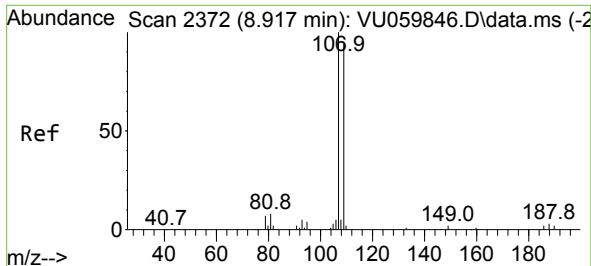
Tgt Ion: 129 Resp: 56946

Ion Ratio Lower Upper

129 100

127 78.7 52.5 97.5





#50

1,2-Dibromoethane

Concen: 5.569 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU059872.D

Acq: 08 Jul 2024 09:57

Instrument :

MSVOA_U

ClientSampleId :

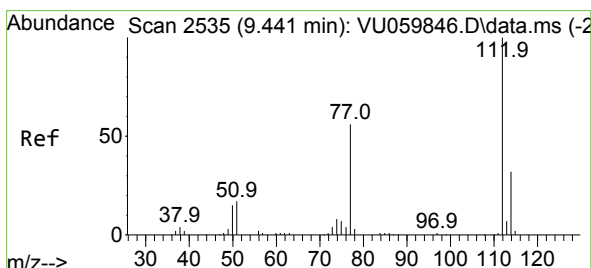
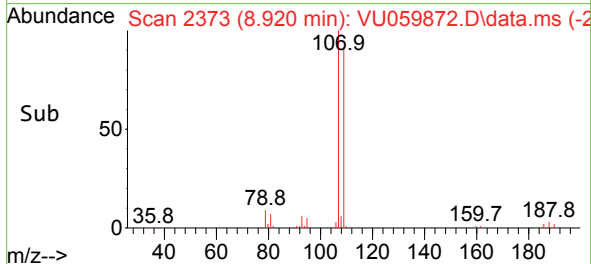
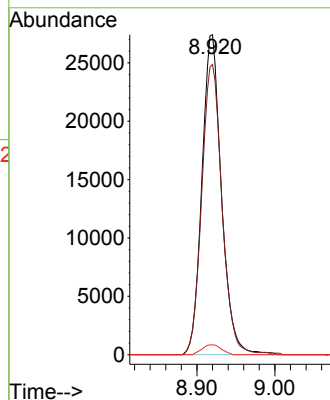
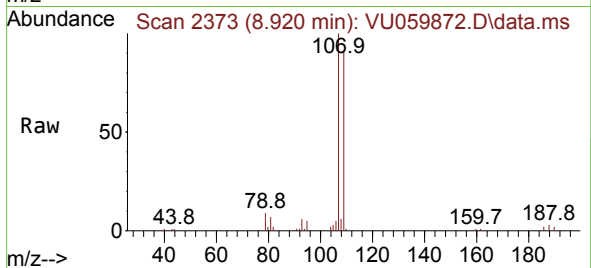
Tgt Ion:107 Resp: 47710

Ion Ratio Lower Upper

107 100

109 90.7 66.9 124.3

188 3.1 2.7 4.1



#51

Chlorobenzene

Concen: 5.387 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU059872.D

Acq: 08 Jul 2024 09:57

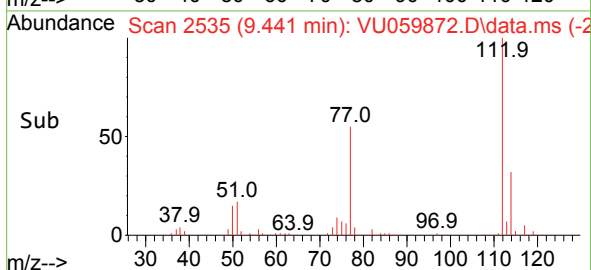
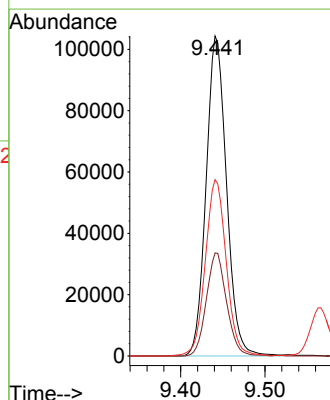
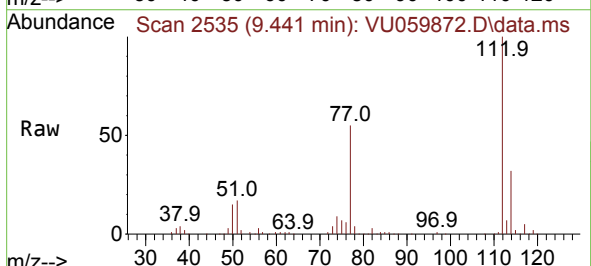
Tgt Ion:112 Resp: 175992

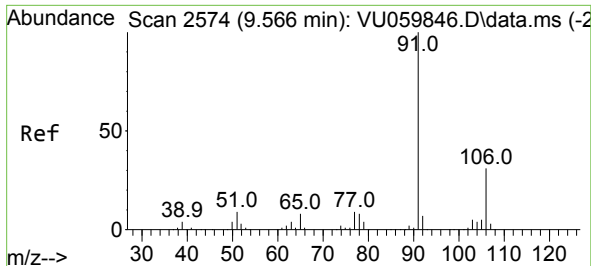
Ion Ratio Lower Upper

112 100

114 32.2 22.4 41.6

77 55.1 49.1 73.7

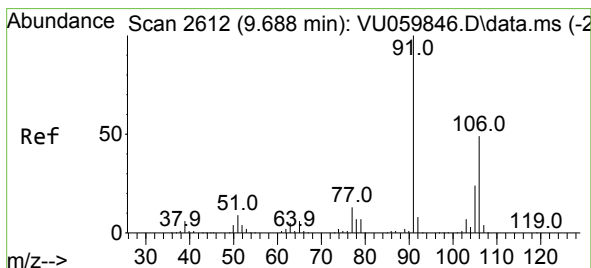
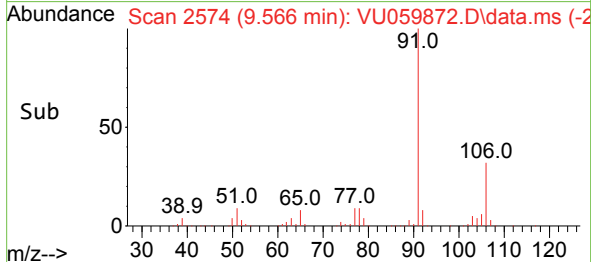
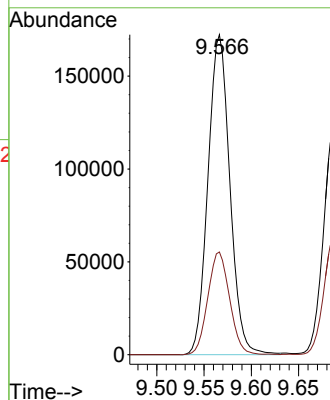
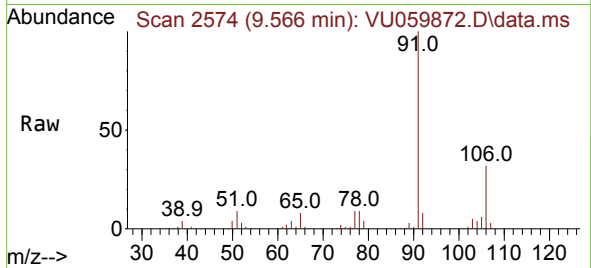




#52
Ethylbenzene
Concen: 5.252 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

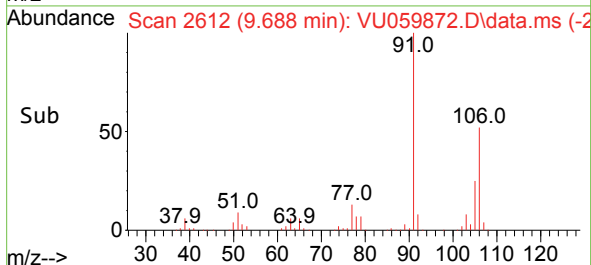
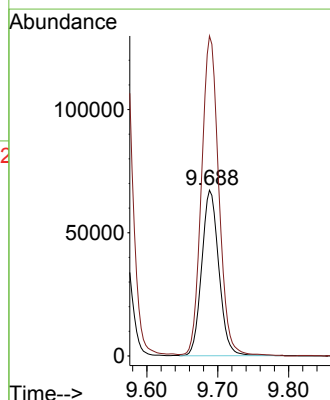
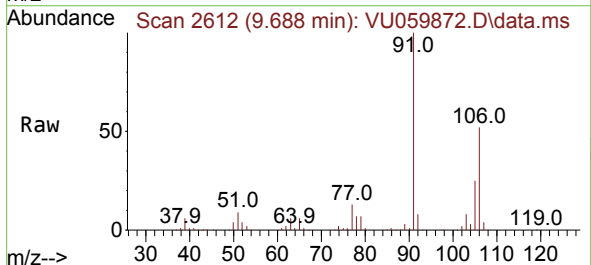
Instrument :
MSVOA_U
ClientSampleId :

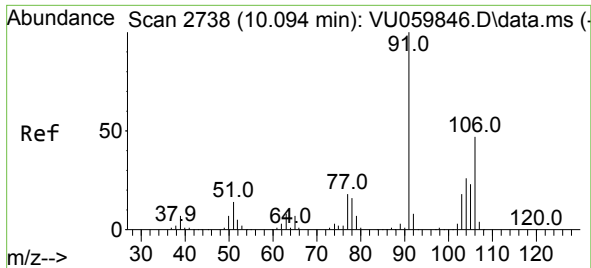
Tgt Ion: 91 Resp: 277475
Ion Ratio Lower Upper
91 100
106 32.1 20.9 38.7



#53
m,p-Xylene
Concen: 5.548 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

Tgt Ion: 106 Resp: 112575
Ion Ratio Lower Upper
106 100
91 193.1 142.0 263.8

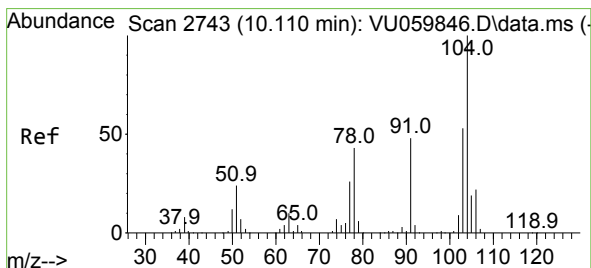
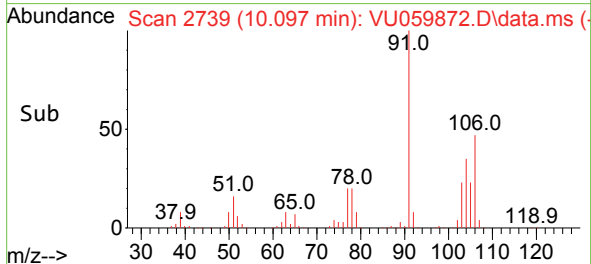
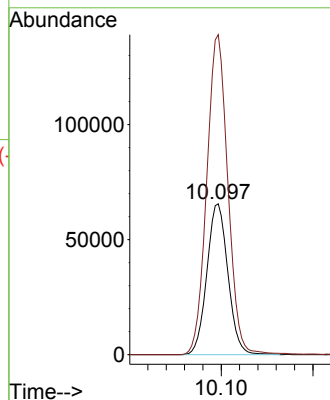
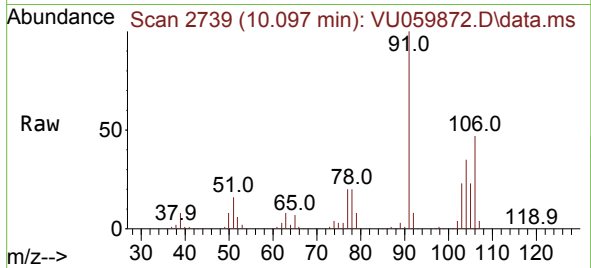




#54
o-Xylene
Concen: 5.427 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

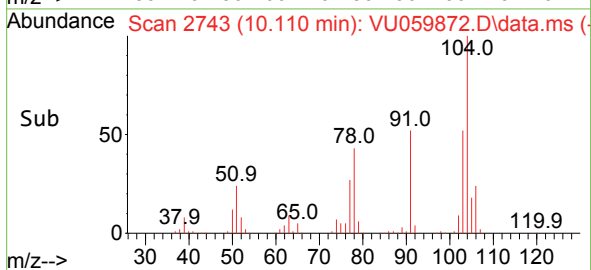
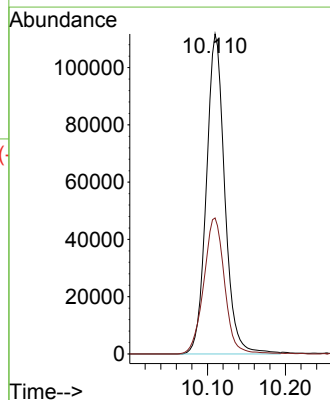
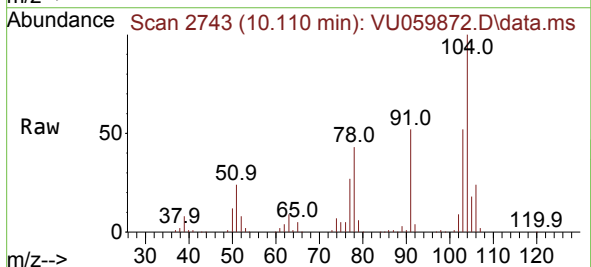
Instrument :
MSVOA_U
ClientSampleId :

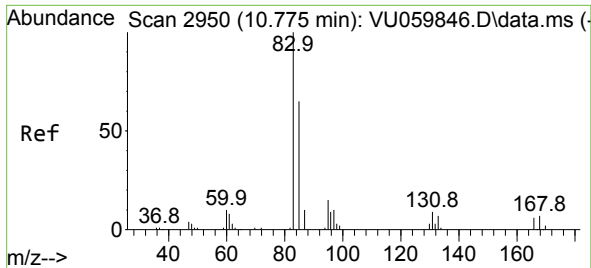
Tgt Ion:106 Resp: 104511
Ion Ratio Lower Upper
106 100
91 212.2 151.6 281.6



#55
Styrene
Concen: 5.589 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

Tgt Ion:104 Resp: 183230
Ion Ratio Lower Upper
104 100
78 42.5 32.3 60.1

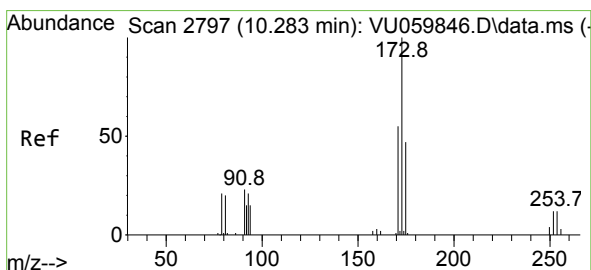
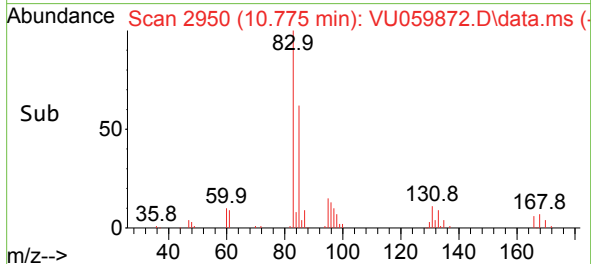
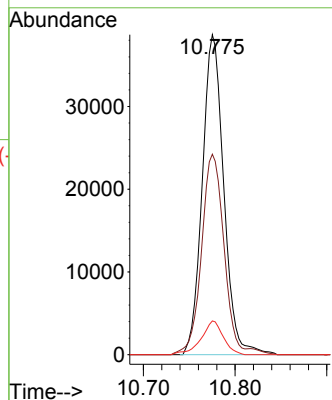
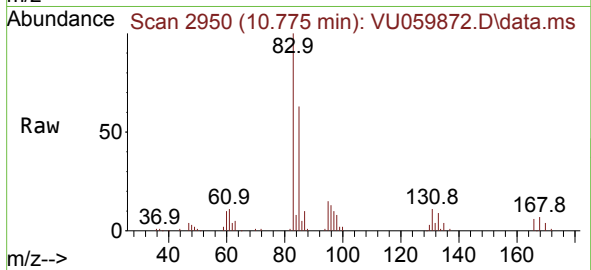




#57
1,1,2,2-Tetrachloroethane
Concen: 5.593 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

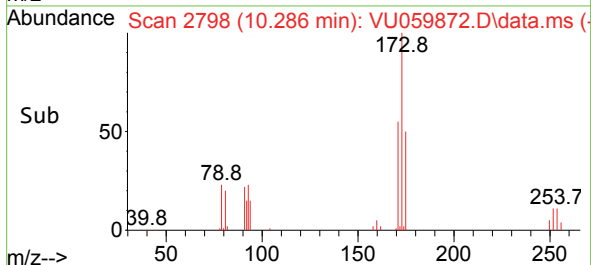
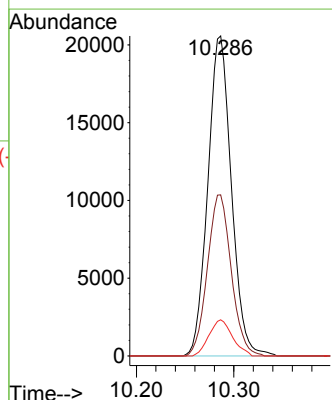
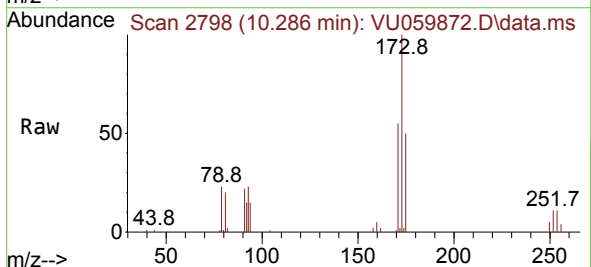
Instrument :
MSVOA_U
ClientSampleId :

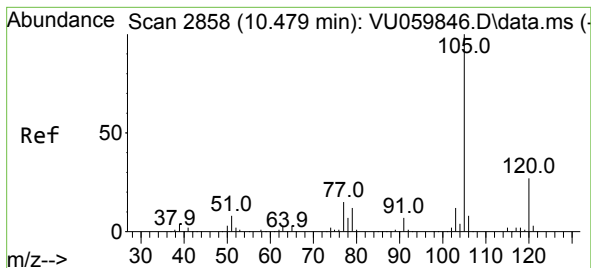
Tgt Ion: 83 Resp: 62946
Ion Ratio Lower Upper
83 100
85 62.7 44.7 82.9
131 10.5 6.9 10.3#



#59
Bromoform
Concen: 5.350 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

Tgt Ion:173 Resp: 34494
Ion Ratio Lower Upper
173 100
175 51.0 39.4 59.2
254 11.3 7.4 11.2#





#60

Isopropylbenzene

Concen: 5.341 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU059872.D

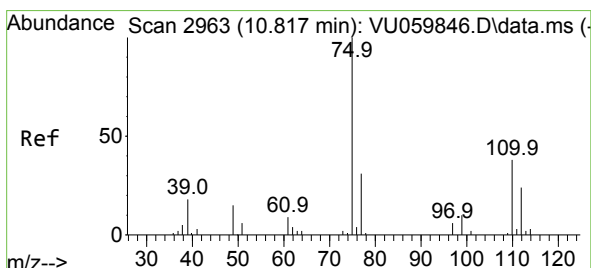
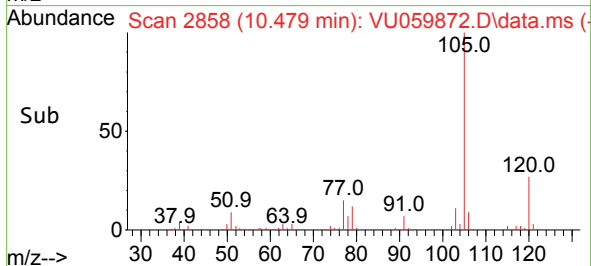
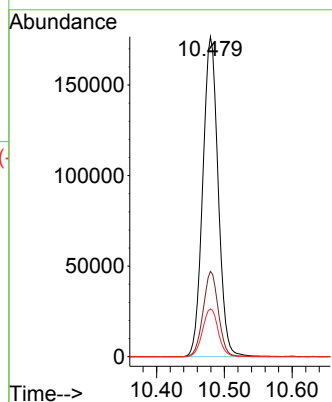
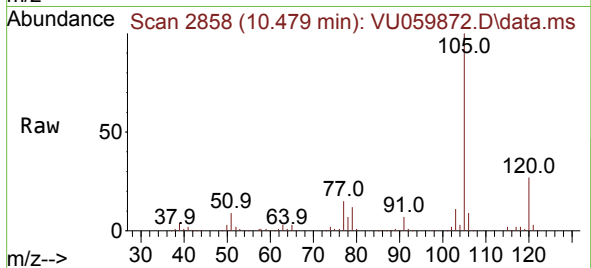
Acq: 08 Jul 2024 09:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	277946
Ion Ratio	Lower	Upper	
105	100		
120	26.4	20.6	31.0
77	15.3	12.8	19.2



#61

1,2,3-Trichloropropane

Concen: 5.394 ug/L

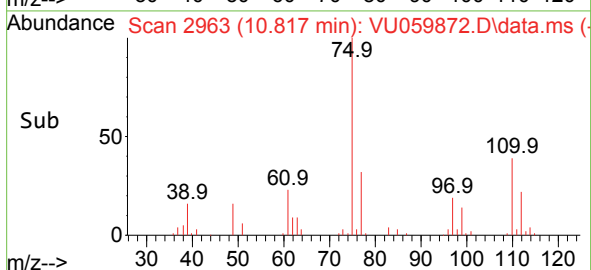
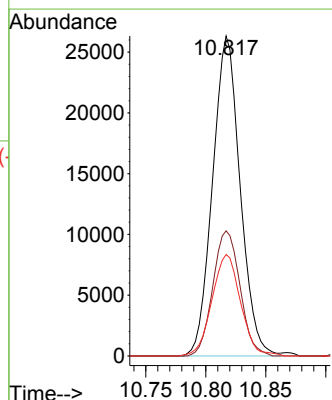
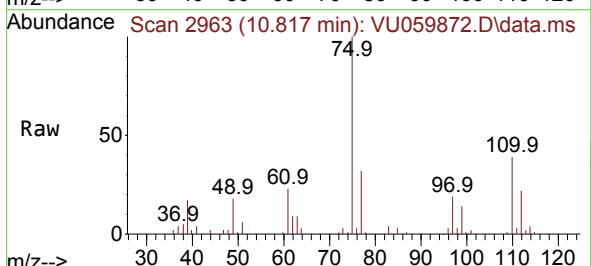
RT: 10.817 min Scan# 2963

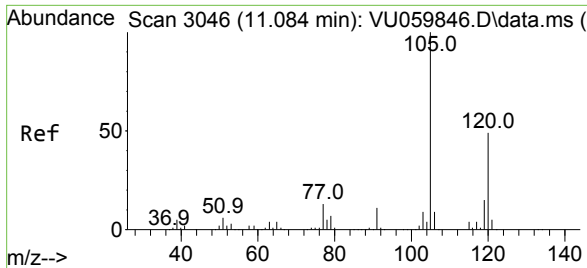
Delta R.T. -0.000 min

Lab File: VU059872.D

Acq: 08 Jul 2024 09:57

Tgt Ion:	75	Resp:	41988
Ion Ratio	Lower	Upper	
75	100		
110	38.5	27.1	40.7
77	32.9	25.4	38.2

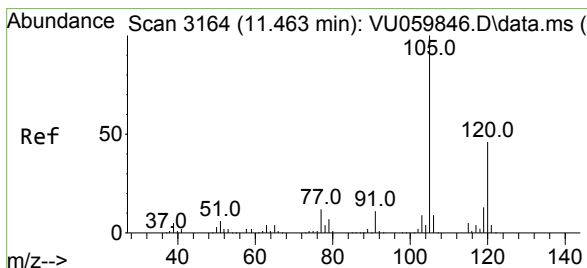
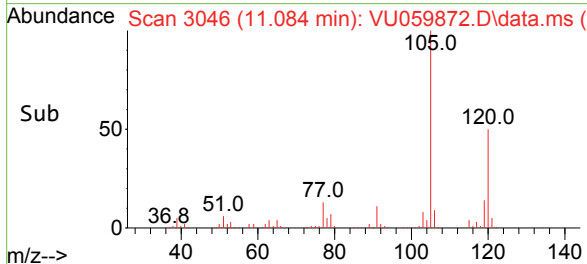
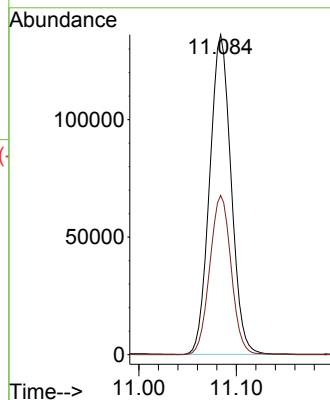
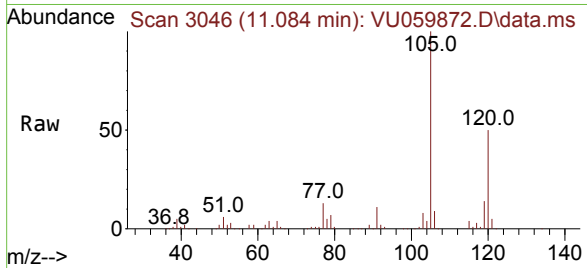




#62
 1,3,5-Trimethylbenzene
 Concen: 5.039 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU059872.D
 Acq: 08 Jul 2024 09:57

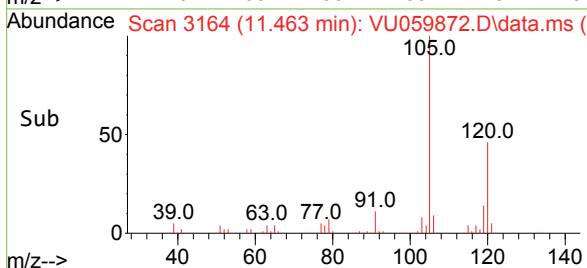
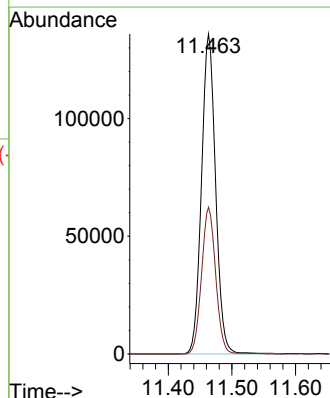
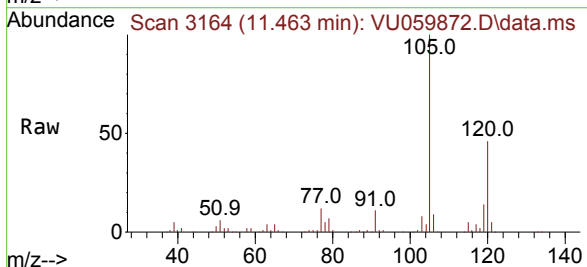
Instrument :
 MSVOA_U
 ClientSampleId :

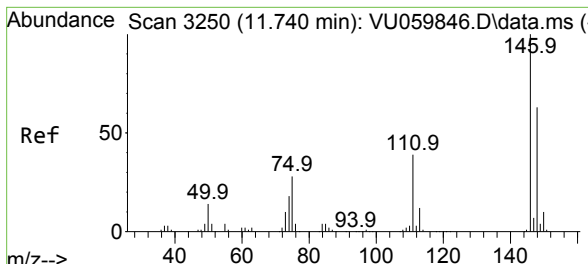
Tgt Ion:105 Resp: 207714
 Ion Ratio Lower Upper
 105 100
 120 49.8 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.309 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. -0.000 min
 Lab File: VU059872.D
 Acq: 08 Jul 2024 09:57

Tgt Ion:105 Resp: 209234
 Ion Ratio Lower Upper
 105 100
 120 45.7 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.532 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU059872.D

Acq: 08 Jul 2024 09:57

Instrument :

MSVOA_U

ClientSampleId :

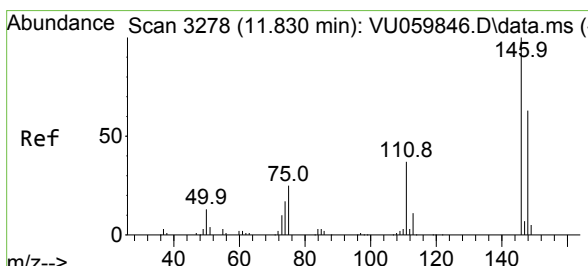
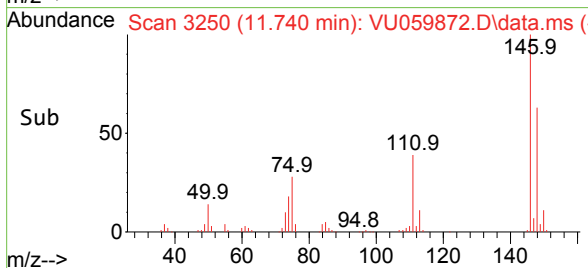
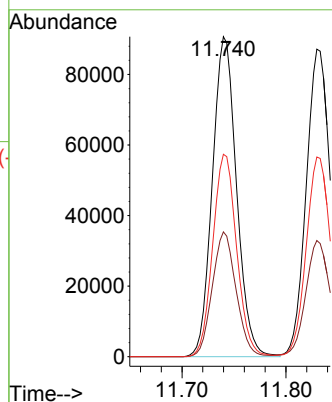
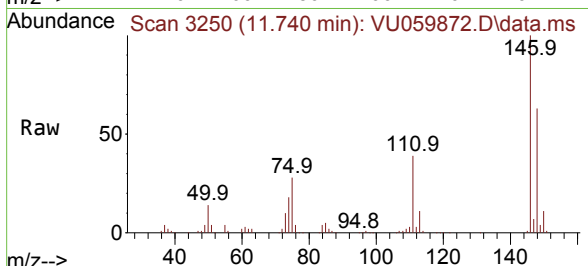
Tgt Ion:146 Resp: 146401

Ion Ratio Lower Upper

146 100

111 39.0 27.4 51.0

148 63.3 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 5.279 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU059872.D

Acq: 08 Jul 2024 09:57

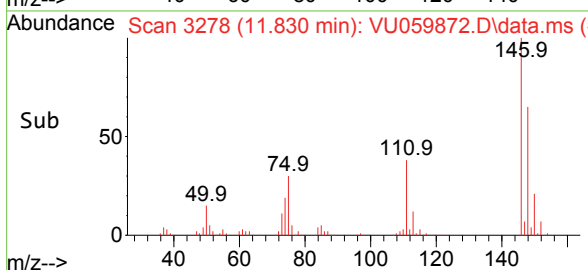
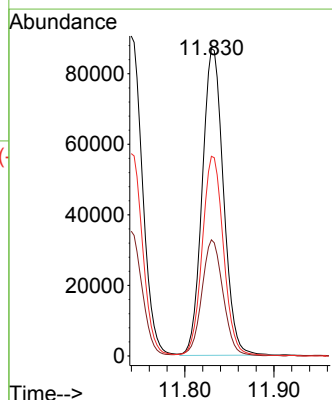
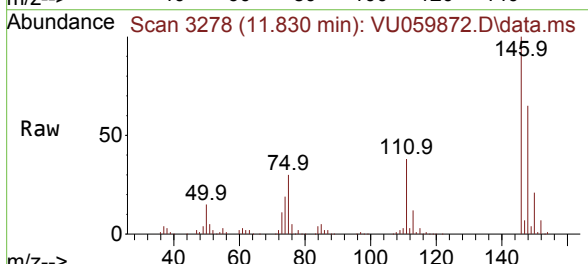
Tgt Ion:146 Resp: 143805

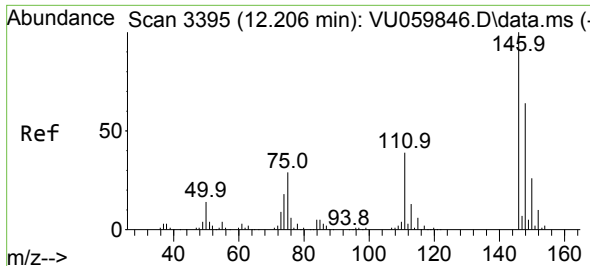
Ion Ratio Lower Upper

146 100

111 37.8 26.9 50.1

148 65.0 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.355 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU059872.D

Acq: 08 Jul 2024 09:57

Instrument :

MSVOA_U

ClientSampleId :

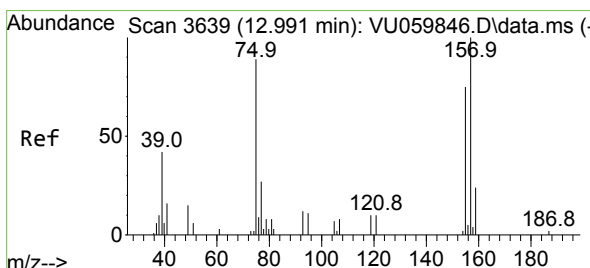
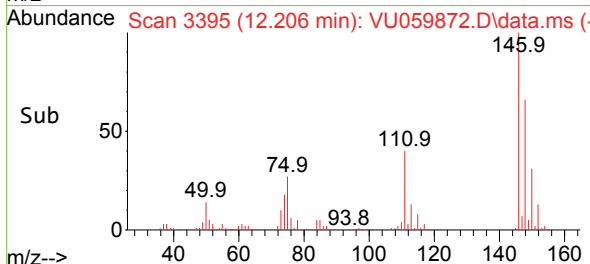
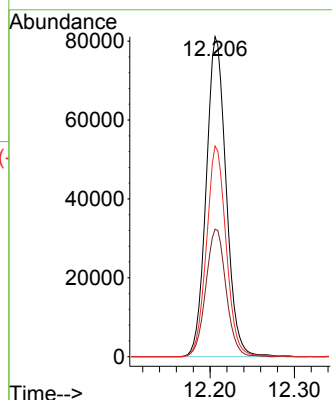
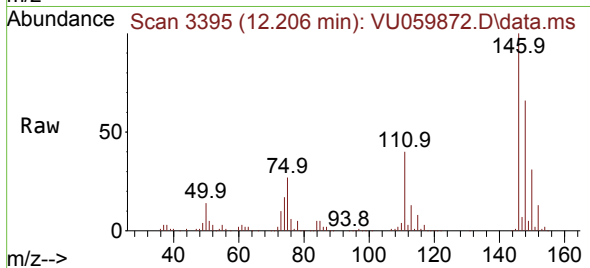
Tgt Ion:146 Resp: 133381

Ion Ratio Lower Upper

146 100

111 39.8 33.4 50.0

148 65.8 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.602 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU059872.D

Acq: 08 Jul 2024 09:57

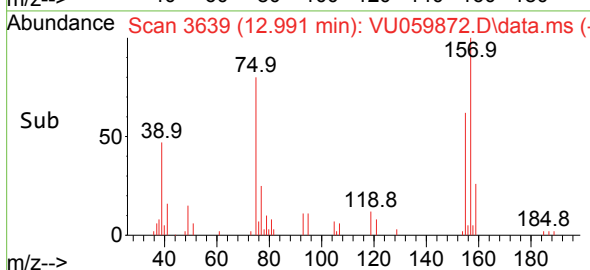
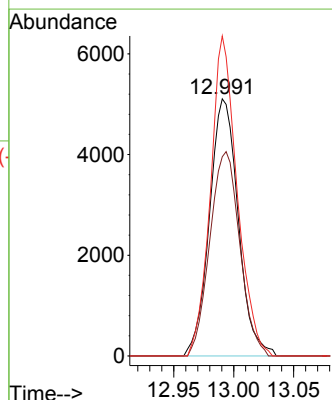
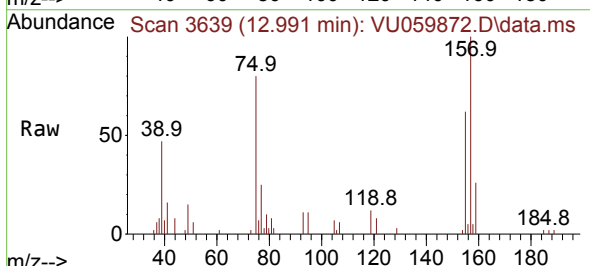
Tgt Ion: 75 Resp: 8506

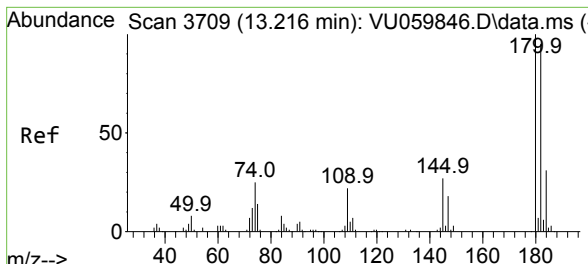
Ion Ratio Lower Upper

75 100

155 77.5 58.2 87.2

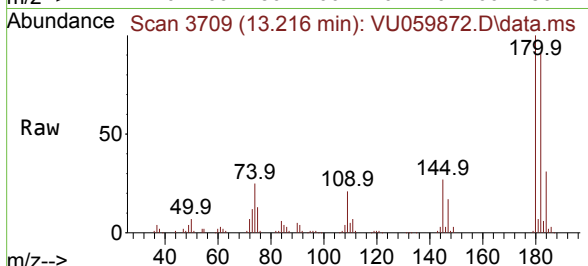
157 124.5 80.0 120.0#





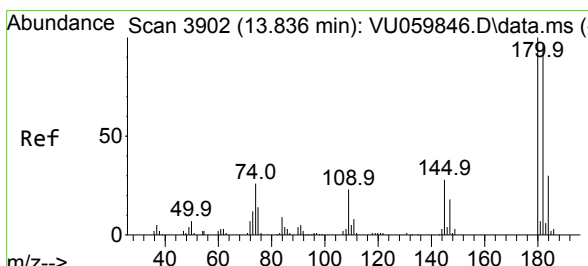
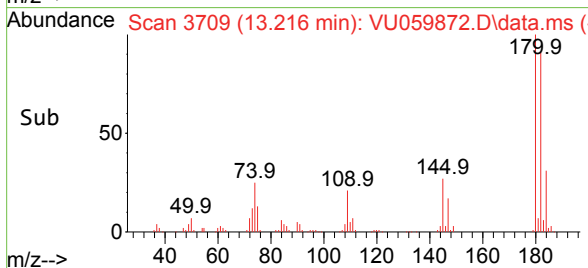
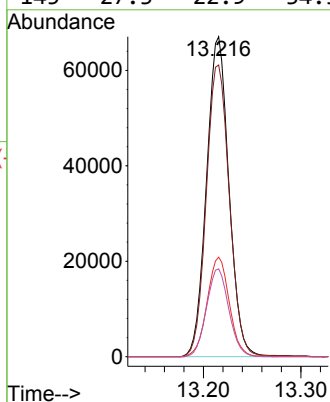
#69
 1,3,5-Trichlorobenzene
 Concen: 5.471 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. -0.000 min
 Lab File: VU059872.D
 Acq: 08 Jul 2024 09:57

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 107184

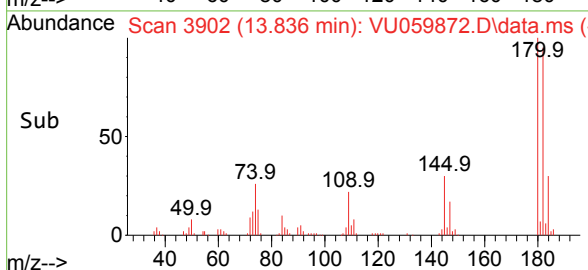
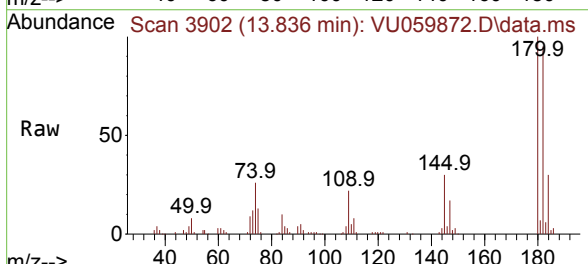
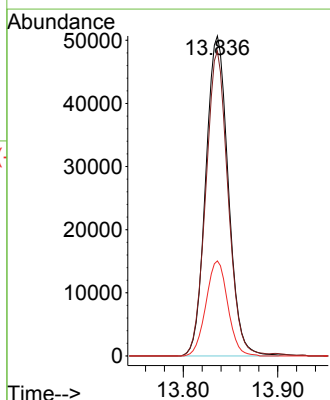
Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.4	113.0
184	30.8	23.0	34.6
145	27.3	22.9	34.3

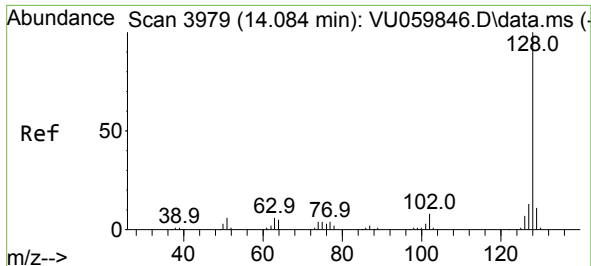


#70
 1,2,4-trichlorobenzene
 Concen: 5.570 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU059872.D
 Acq: 08 Jul 2024 09:57

Tgt Ion:180 Resp: 83711

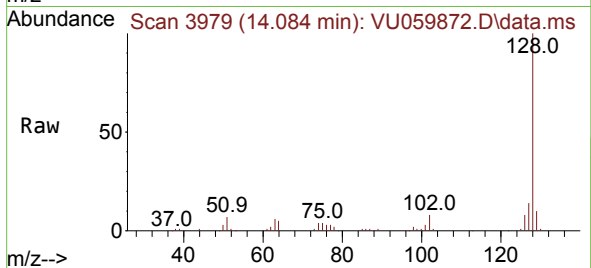
Ion	Ratio	Lower	Upper
180	100		
182	94.1	74.9	112.3
145	28.8	23.9	35.9



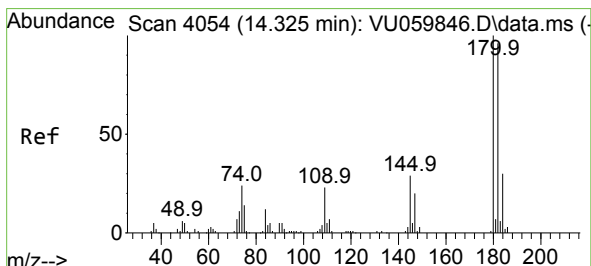
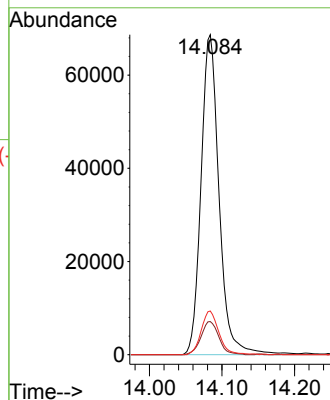
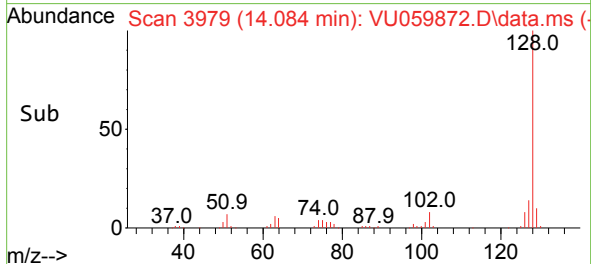


#71
Naphthalene
Concen: 5.498 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57

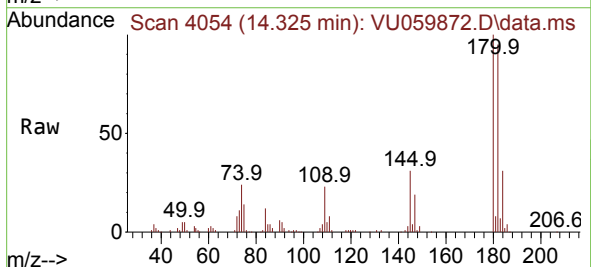
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 118272
Ion Ratio Lower Upper
128 100
129 10.3 8.2 12.4
127 13.4 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.533 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU059872.D
Acq: 08 Jul 2024 09:57



Tgt Ion:180 Resp: 77212
Ion Ratio Lower Upper
180 100
182 96.9 77.0 115.6
145 31.3 26.2 39.4

