

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U070524\
 Data File : U059869.D
 Acq On : 05 Jul 2024 19:35
 Operator : MD/SY
 Sample : P3137-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 06 03:06:54 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	6.242	114	151945	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158194	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	84862	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	45452	4.302	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.907	69	40893	4.023	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.557	65	17960	4.097	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	4.634	46	100063	45.978	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.960%
24) Chloroform-d	5.052	84	98742	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.695	65	46347	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.721	84	185277	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.682	67	59808	4.483	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.891	98	177939	4.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.174	79	20720	4.960	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.627	63	92395	53.230	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.460%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53429	4.847	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	67340	4.458	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	55447	4.307	ug/L	99
3) Chloromethane	1.515	50	67246	4.853	ug/L	98
5) Vinyl chloride	1.599	62	77048	5.033	ug/L	98
6) Bromomethane	1.849	94	41446	3.894	ug/L	94
8) Chloroethane	1.927	64	48058	5.210	ug/L	100
9) Trichlorofluoromethane	2.129	101	92091	4.998	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	55591	4.766	ug/L	94
12) 1,1-Dichloroethene	2.570	96	57391	5.326	ug/L	83
13) Acetone	2.653	43	68546	48.553	ug/L	100
14) Carbon disulfide	2.785	76	168934	4.699	ug/L	99
15) Methyl Acetate	2.952	43	15635	4.197	ug/L #	80
16) Methylene chloride	3.036	84	64524	5.053	ug/L	89
17) Methyl tert-butyl Ether	3.357	73	118774	5.115	ug/L	98
18) trans-1,2-Dichloroethene	3.341	96	56687	5.058	ug/L	91
19) 1,1-Dichloroethane	3.856	63	109701	5.308	ug/L	99
21) 2-Butanone	4.711	43	109096	48.179	ug/L	94
22) cis-1,2-Dichloroethene	4.656	96	63978	5.179	ug/L	95
23) Bromochloromethane	4.965	128	30216	5.365	ug/L	89
25) Chloroform	5.078	83	114710	5.270	ug/L	100

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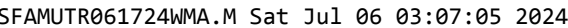
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 ClientSampleId :

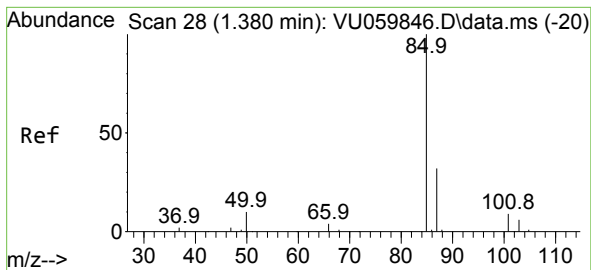
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	65543	4.969	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	89787	4.915	ug/L	98
30) Cyclohexane	5.380	56	72856	4.517	ug/L	93
31) Carbon tetrachloride	5.515	117	76440	4.998	ug/L	99
33) Benzene	5.766	78	247046	5.143	ug/L	100
34) Trichloroethene	6.534	95	63490	4.880	ug/L	97
35) Methylcyclohexane	6.756	83	78876	4.261	ug/L	96
37) 1,2-Dichloropropane	6.782	63	64595	5.196	ug/L #	97
38) Bromodichloromethane	7.097	83	79109	5.098	ug/L #	94
39) cis-1,3-Dichloropropene	7.602	75	81660	4.803	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	295252	51.254	ug/L	95
42) Toluene	7.962	91	269309	5.295	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	68522	5.021	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	48780	5.325	ug/L	98
47) Tetrachloroethene	8.547	164	51747	5.126	ug/L	98
48) 2-Hexanone	8.679	43	219150	53.305	ug/L #	94
49) Dibromochloromethane	8.801	129	54407	5.361	ug/L	100
50) 1,2-Dibromoethane	8.917	107	45660	5.397	ug/L	97
51) Chlorobenzene	9.441	112	165573	5.133	ug/L	95
52) Ethylbenzene	9.563	91	257398	4.934	ug/L	96
53) m,p-Xylene	9.688	106	101426	5.062	ug/L	96
54) o-Xylene	10.094	106	96283	5.063	ug/L	97
55) Styrene	10.110	104	172640	5.333	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.775	83	60981	5.487	ug/L	98
59) Bromoform	10.283	173	32464	4.999	ug/L #	98
60) Isopropylbenzene	10.476	105	253905	4.843	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	38786	4.946	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	188240	4.533	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	187304	4.717	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	133731	5.016	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	134693	4.908	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	124915	4.978	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	8166	5.339	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.212	180	95856	4.857	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	74593	4.927	ug/L	98
71) Naphthalene	14.084	128	106008	4.892	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	71603	5.093	ug/L	98

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

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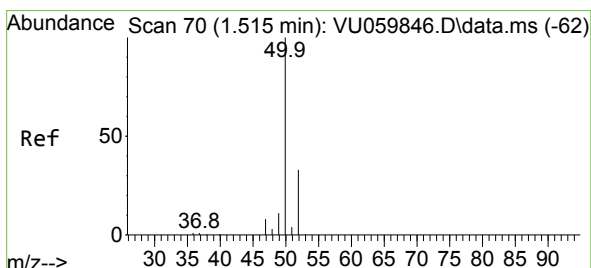
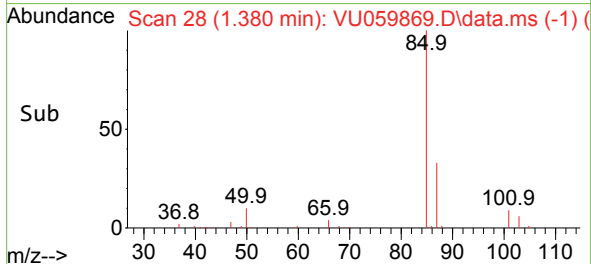
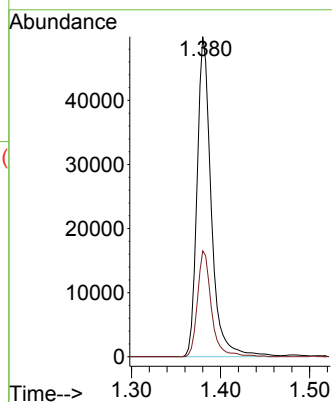
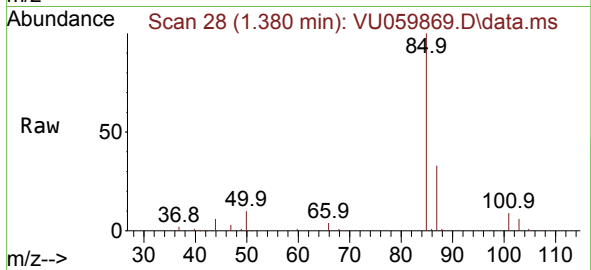




#2
 Dichlorodifluoromethane
 Concen: 4.307 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VU059869.D
 Acq: 05 Jul 2024 19:35

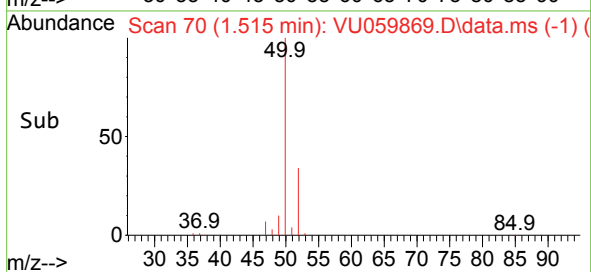
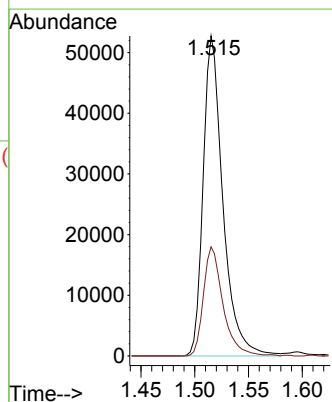
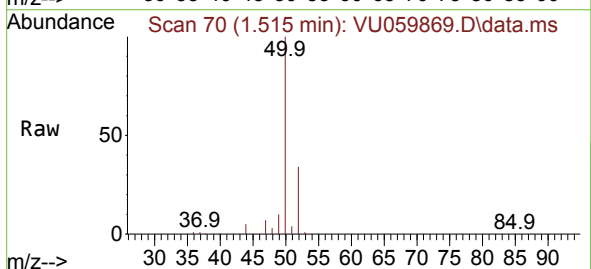
Instrument :
 MSVOA_U
 ClientSampleId :

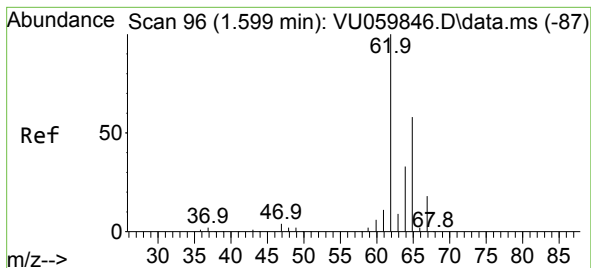
Tgt Ion: 85 Resp: 55447
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.6 40.0



#3
 Chloromethane
 Concen: 4.853 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU059869.D
 Acq: 05 Jul 2024 19:35

Tgt Ion: 50 Resp: 67246
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.2 43.0





#5

Vinyl chloride

Concen: 5.033 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

Instrument :

MSVOA_U

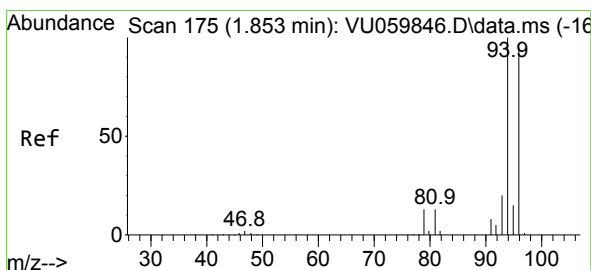
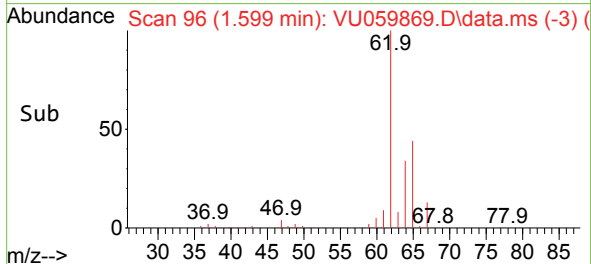
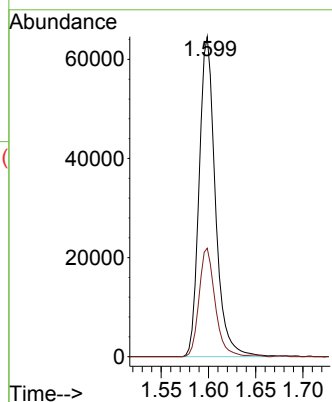
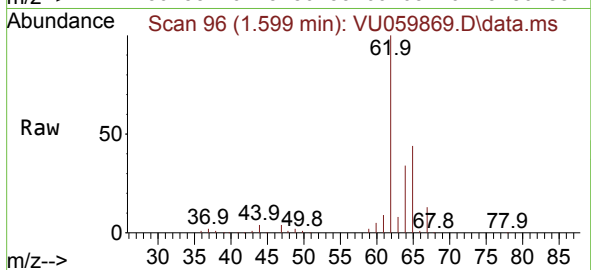
ClientSampleId :

Tgt Ion: 62 Resp: 77048

Ion Ratio Lower Upper

62 100

64 33.9 23.1 42.9



#6

Bromomethane

Concen: 3.894 ug/L

RT: 1.849 min Scan# 174

Delta R.T. -0.003 min

Lab File: VU059869.D

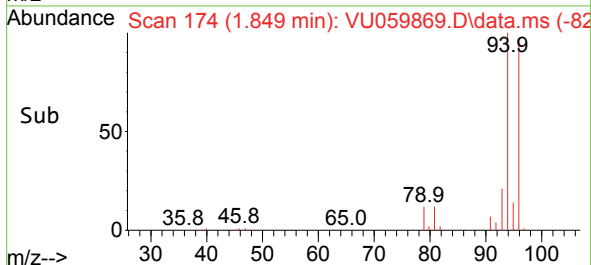
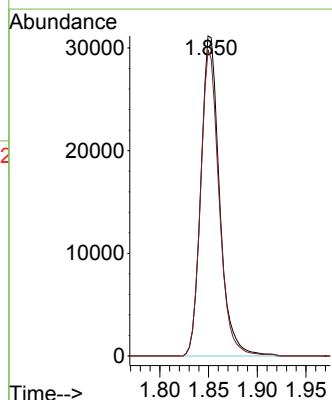
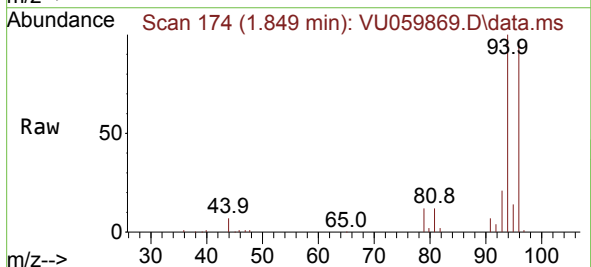
Acq: 05 Jul 2024 19:35

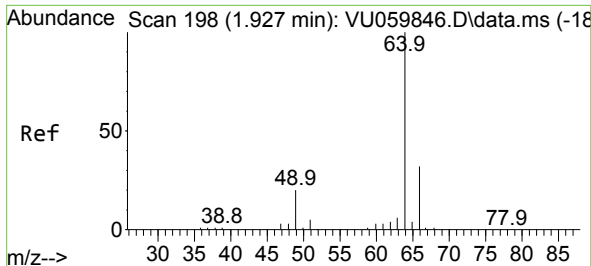
Tgt Ion: 94 Resp: 41446

Ion Ratio Lower Upper

94 100

96 95.5 62.9 116.9





#8

Chloroethane

Concen: 5.210 ug/L

RT: 1.927 min Scan# 198

Delta R.T. 0.000 min

Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

Instrument :

MSVOA_U

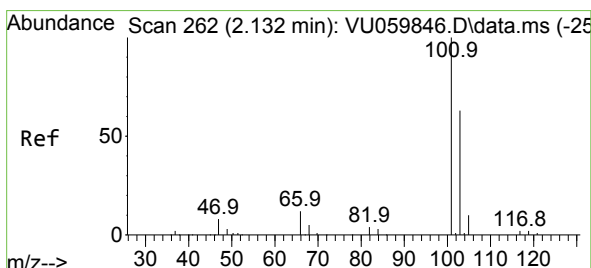
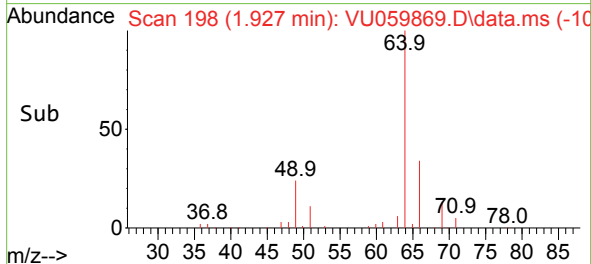
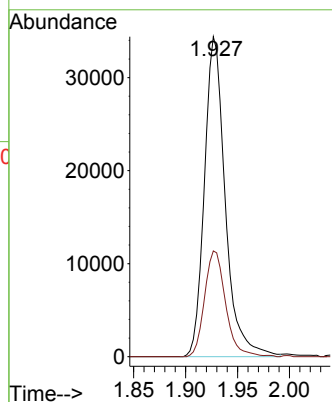
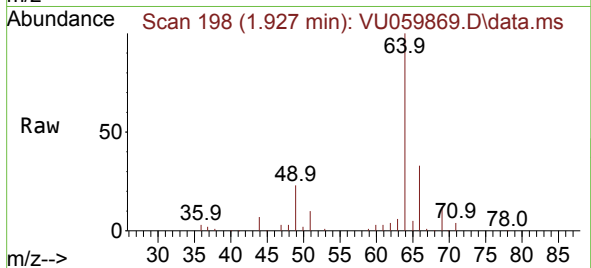
ClientSampleId :

Tgt Ion: 64 Resp: 48058

Ion Ratio Lower Upper

64 100

66 33.0 23.2 43.2



#9

Trichlorofluoromethane

Concen: 4.998 ug/L

RT: 2.129 min Scan# 261

Delta R.T. -0.003 min

Lab File: VU059869.D

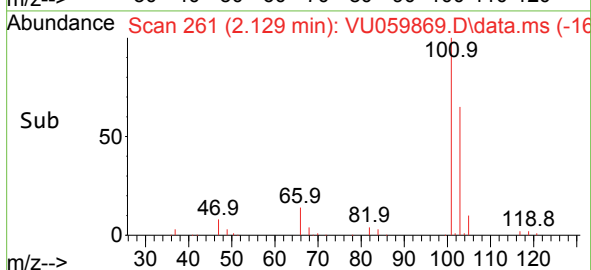
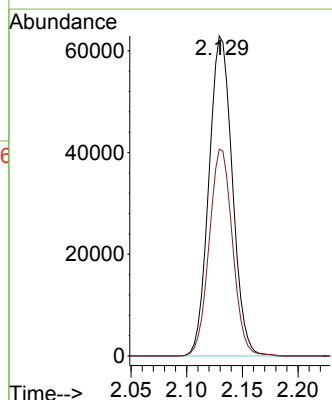
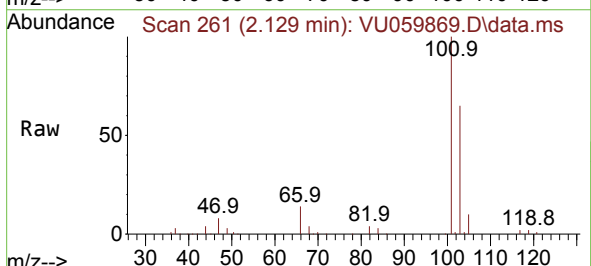
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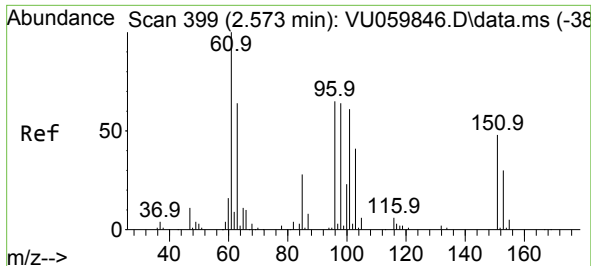
Tgt Ion:101 Resp: 92091

Ion Ratio Lower Upper

101 100

103 64.5 52.6 79.0

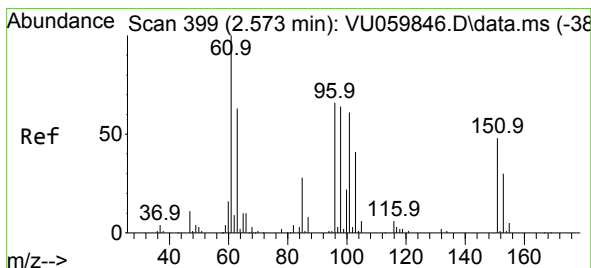
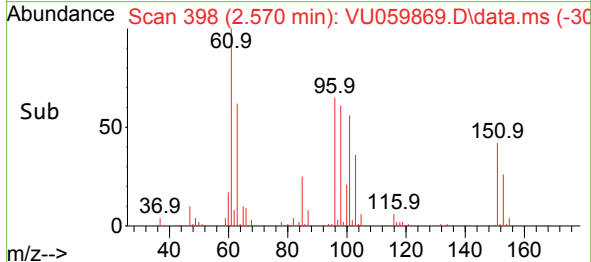
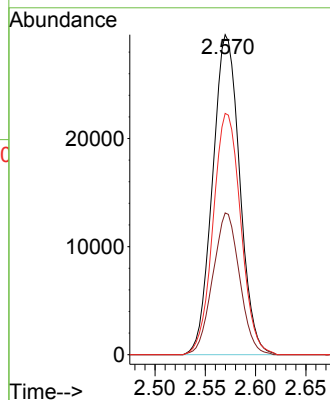
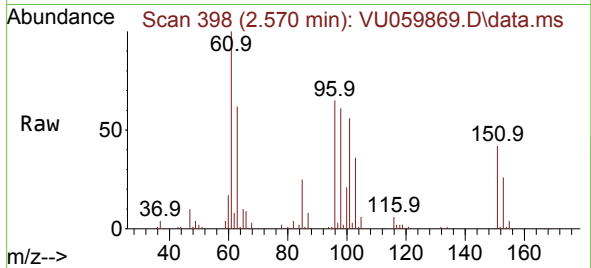




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.766 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU059869.D
Acq: 05 Jul 2024 19:35

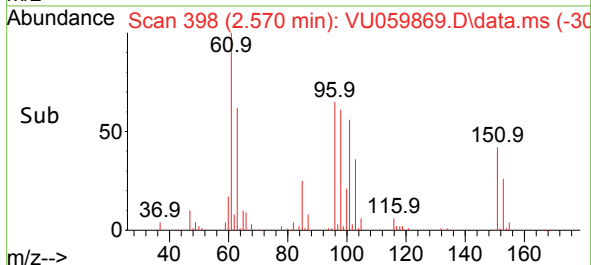
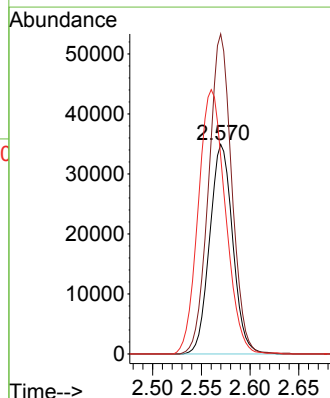
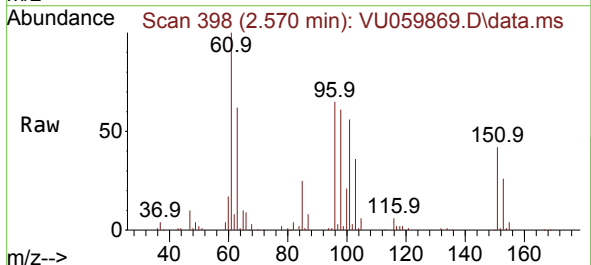
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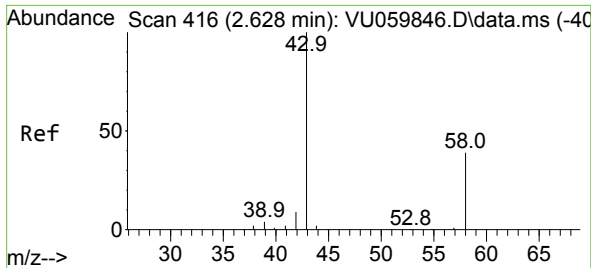
Tgt Ion:101 Resp: 55591
Ion Ratio Lower Upper
101 100
85 43.8 36.2 54.4
151 76.9 55.5 83.3



#12
1,1-Dichloroethene
Concen: 5.326 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU059869.D
Acq: 05 Jul 2024 19:35

Tgt Ion: 96 Resp: 57391
Ion Ratio Lower Upper
96 100
61 152.7 122.9 228.3
63 94.3 80.4 149.4





#13

Acetone

Concen: 48.553 ug/L

RT: 2.653 min Scan# 41

Delta R.T. 0.026 min

Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

Instrument :

MSVOA_U

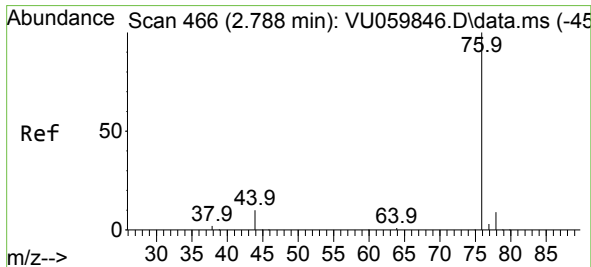
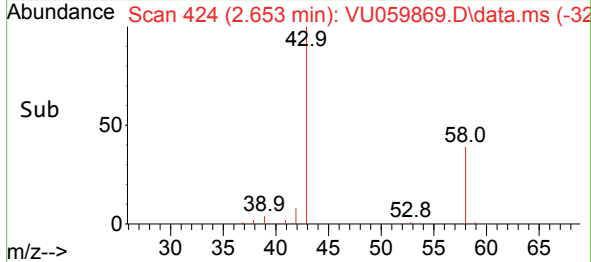
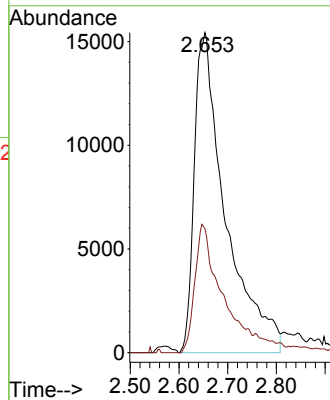
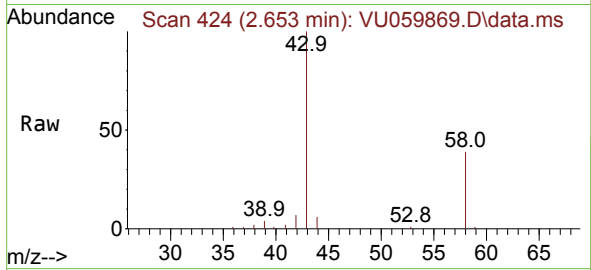
ClientSampleId :

Tgt Ion: 43 Resp: 68546

Ion Ratio Lower Upper

43 100

58 34.0 0.0 68.0



#14

Carbon disulfide

Concen: 4.699 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU059869.D

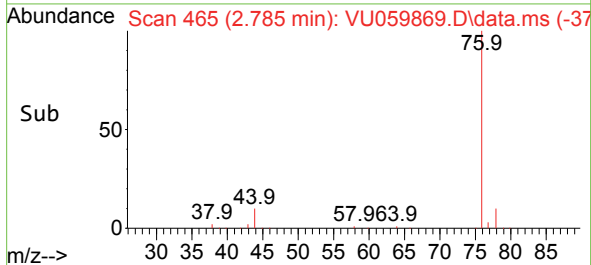
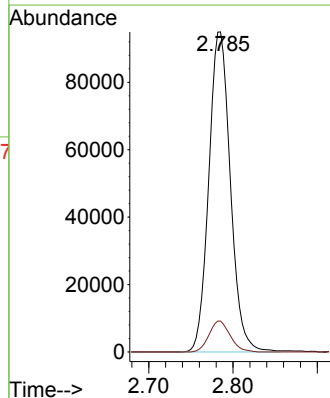
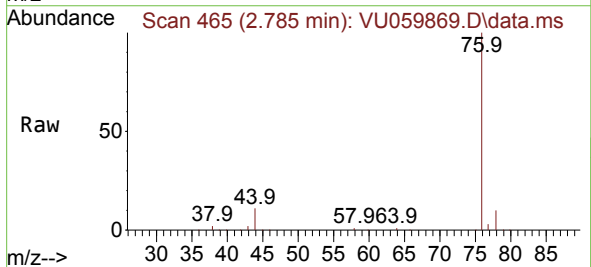
Acq: 05 Jul 2024 19:35

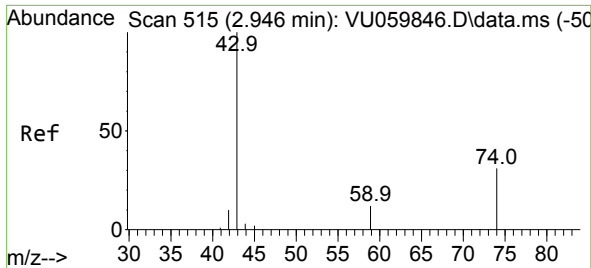
Tgt Ion: 76 Resp: 168934

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9

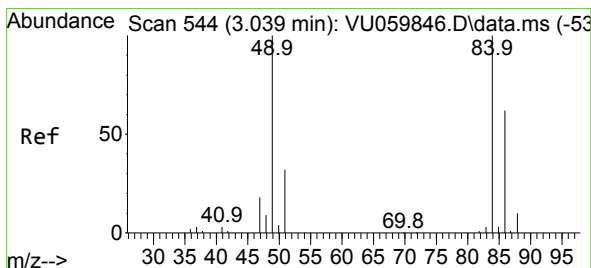
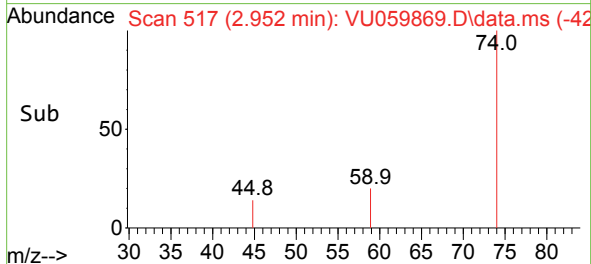
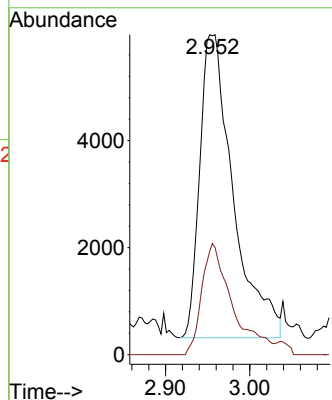
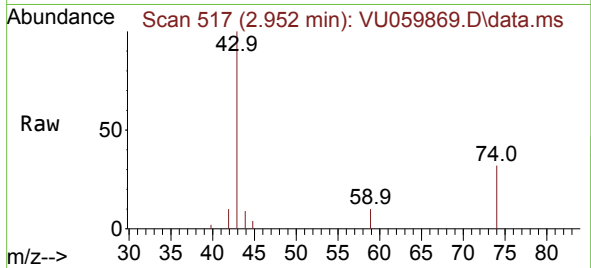




#15
Methyl Acetate
Concen: 4.197 ug/L
RT: 2.952 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU059869.D
Acq: 05 Jul 2024 19:35

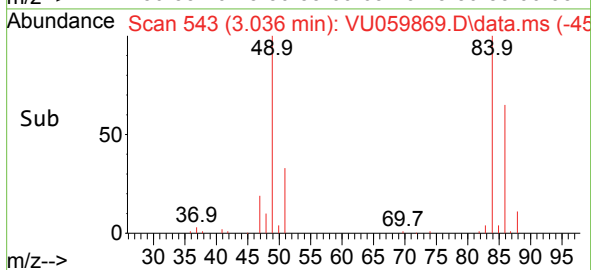
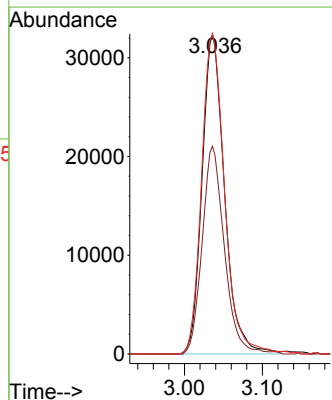
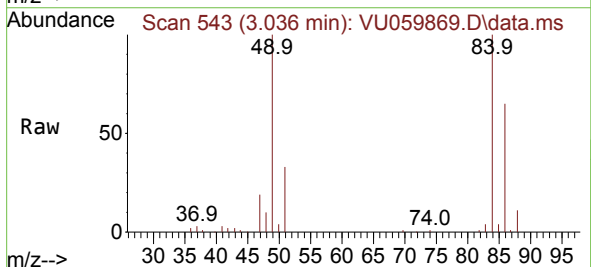
Instrument :
MSVOA_U
ClientSampleId :

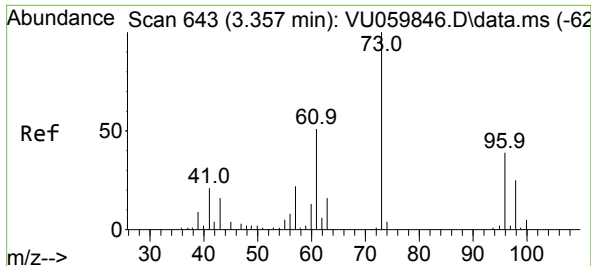
Tgt Ion: 43 Resp: 15635
Ion Ratio Lower Upper
43 100
74 33.8 19.2 28.8#



#16
Methylene chloride
Concen: 5.053 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU059869.D
Acq: 05 Jul 2024 19:35

Tgt Ion: 84 Resp: 64524
Ion Ratio Lower Upper
84 100
86 65.0 42.1 78.1
49 100.0 80.6 149.8

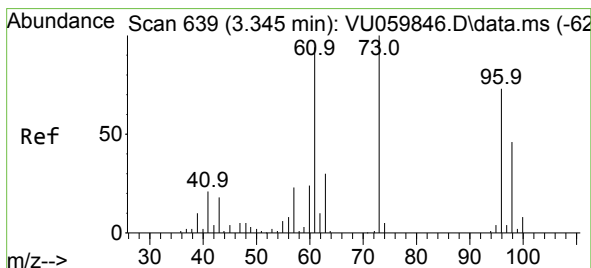
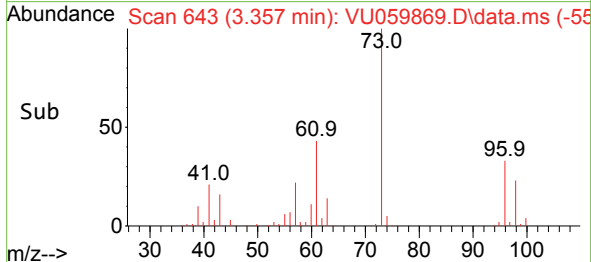
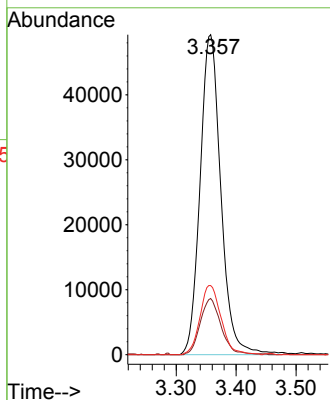
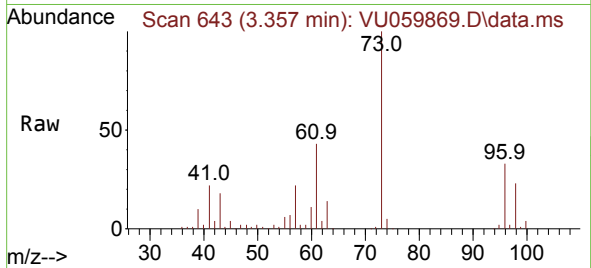




#17
Methyl tert-butyl Ether
Concen: 5.115 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU059869.D
Acq: 05 Jul 2024 19:35

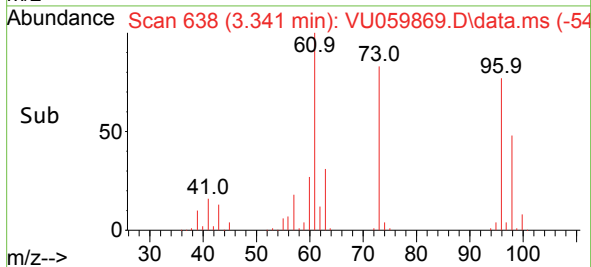
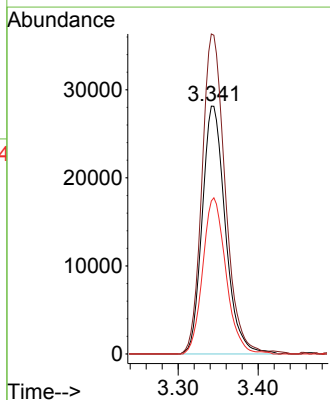
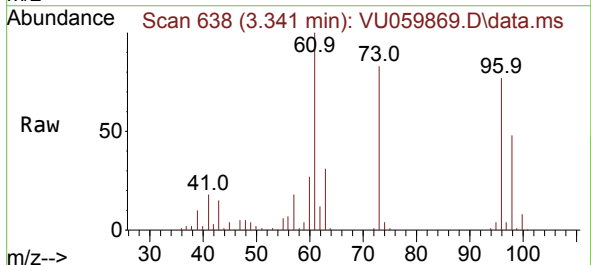
Instrument :
MSVOA_U
ClientSampleId :

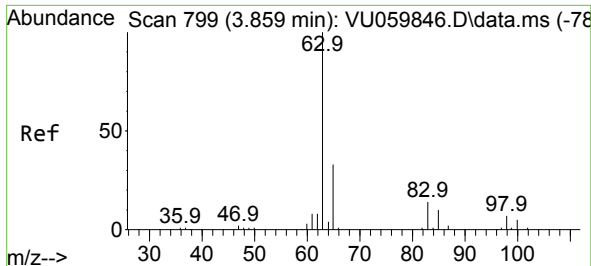
Tgt Ion: 73	Resp: 118774
Ion Ratio	Lower Upper
73 100	
43 17.5	14.9 22.3
57 22.0	18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.058 ug/L
RT: 3.341 min Scan# 638
Delta R.T. -0.003 min
Lab File: VU059869.D
Acq: 05 Jul 2024 19:35

Tgt Ion: 96	Resp: 56687		
Ion Ratio	Lower	Upper	
96	100		
61	129.1	101.8	189.0
98	61.7	43.3	80.5





#19

1,1-Dichloroethane

Concen: 5.308 ug/L

RT: 3.856 min Scan# 79

Delta R.T. -0.003 min

Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

Instrument :

MSVOA_U

ClientSampleId :

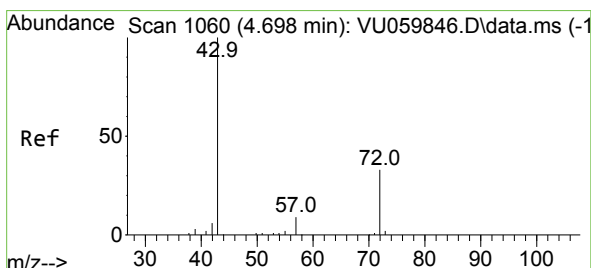
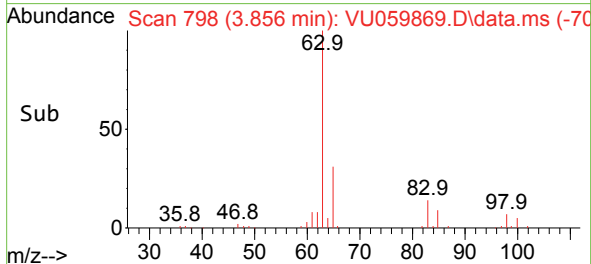
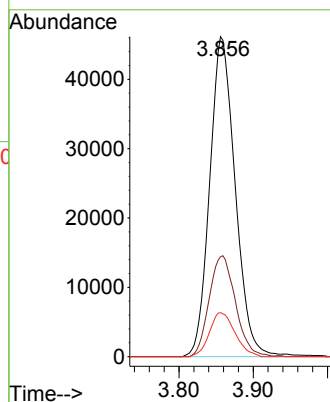
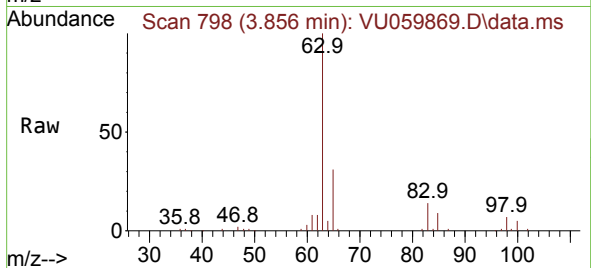
Tgt Ion: 63 Resp: 109701

Ion Ratio Lower Upper

63 100

65 31.8 21.8 40.6

83 13.7 9.9 18.5



#21

2-Butanone

Concen: 48.179 ug/L

RT: 4.711 min Scan# 1064

Delta R.T. 0.013 min

Lab File: VU059869.D

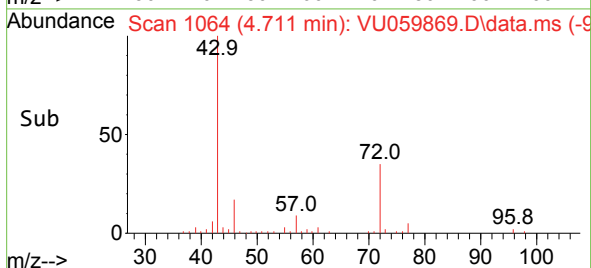
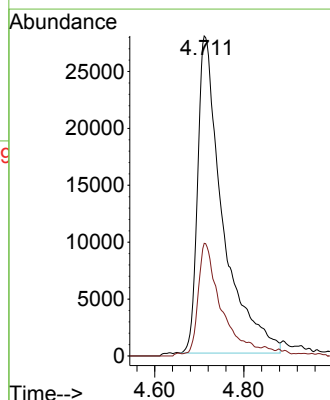
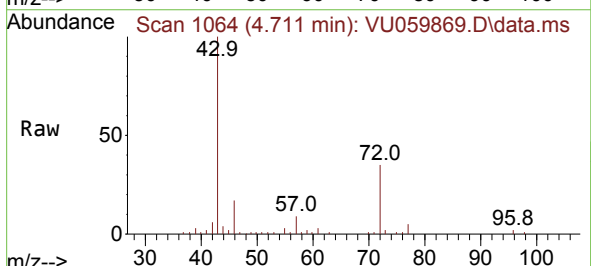
Acq: 05 Jul 2024 19:35

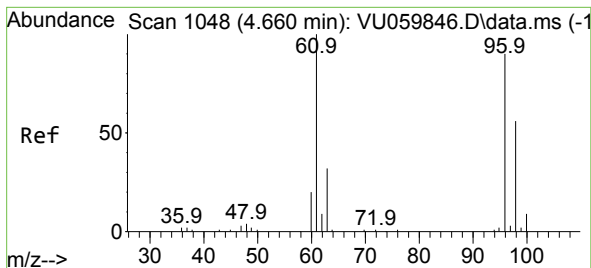
Tgt Ion: 43 Resp: 109096

Ion Ratio Lower Upper

43 100

72 30.8 13.8 41.4





#22

cis-1,2-Dichloroethene

Concen: 5.179 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.003 min

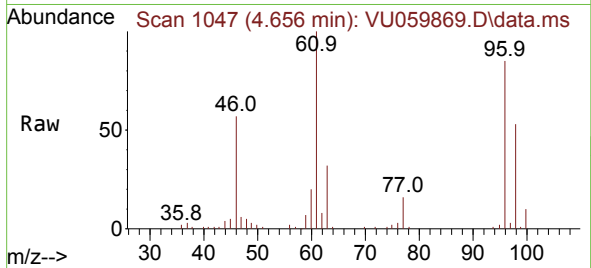
Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

Instrument :

MSVOA_U

ClientSampleId :



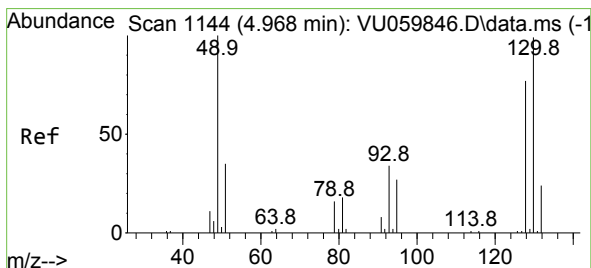
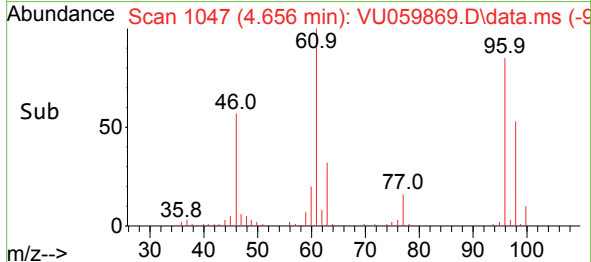
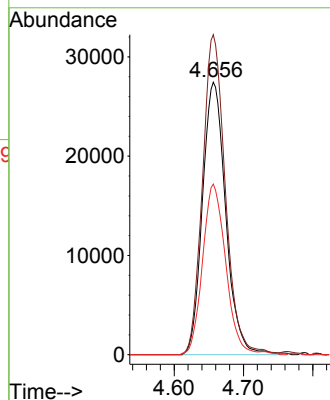
Tgt Ion: 96 Resp: 63978

Ion Ratio Lower Upper

96 100

61 117.5 87.4 162.2

98 62.6 42.3 78.5



#23

Bromochloromethane

Concen: 5.365 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. -0.003 min

Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

Tgt Ion:128 Resp: 30216

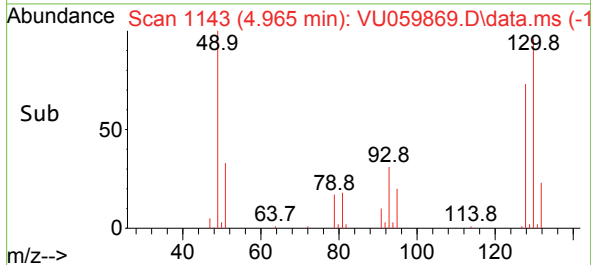
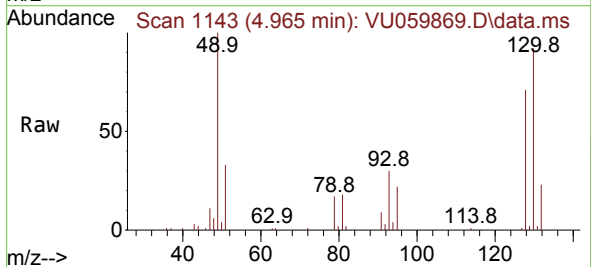
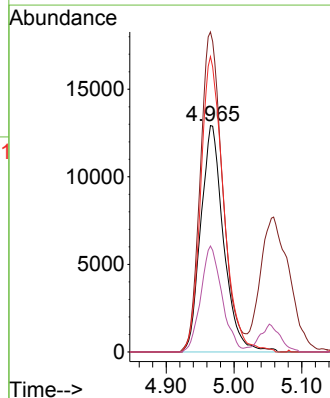
Ion Ratio Lower Upper

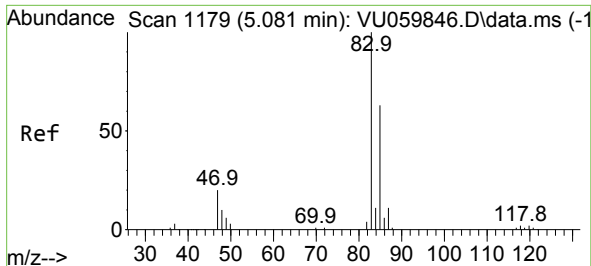
128 100

49 141.4 117.0 217.4

130 130.5 89.6 166.4

51 46.8 42.0 63.0





#25

Chloroform

Concen: 5.270 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

Instrument :

MSVOA_U

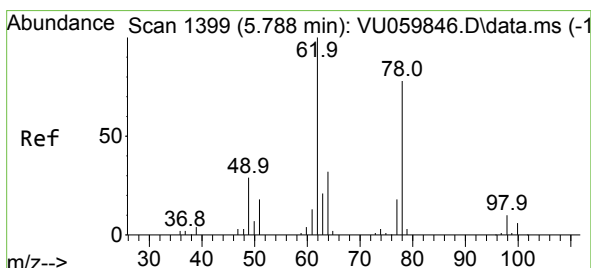
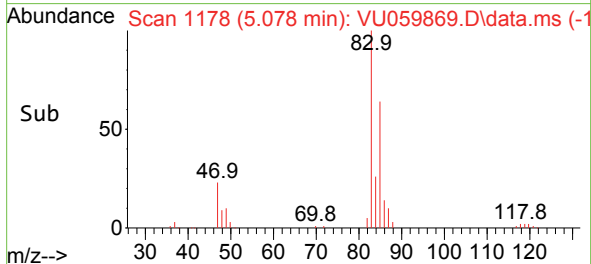
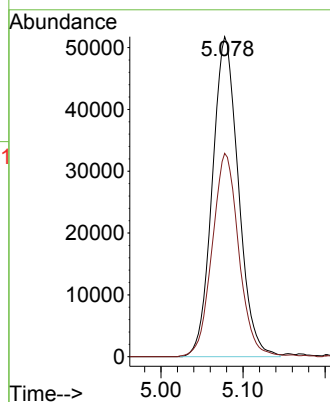
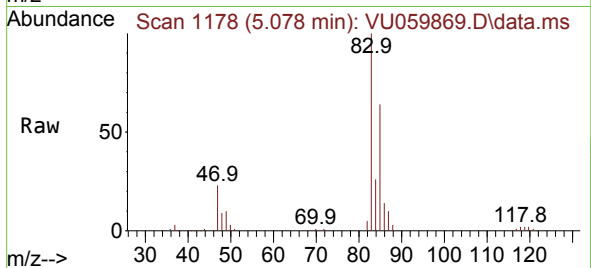
ClientSampleId :

Tgt Ion: 83 Resp: 114710

Ion Ratio Lower Upper

83 100

85 63.6 44.7 83.1



#27

1,2-Dichloroethane

Concen: 4.969 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU059869.D

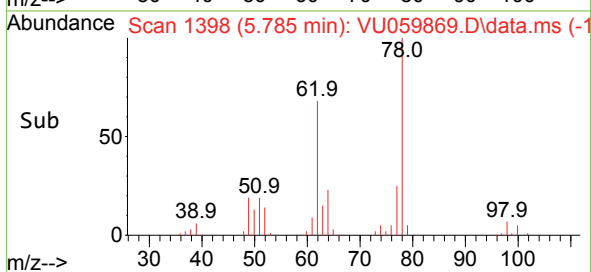
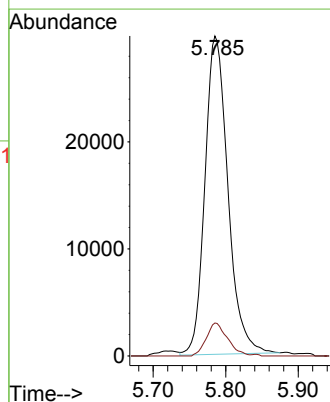
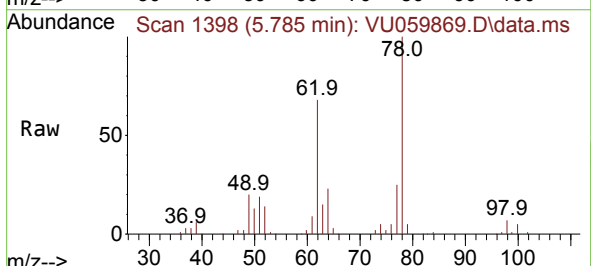
Acq: 05 Jul 2024 19:35

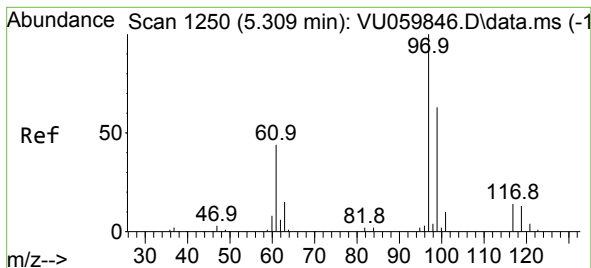
Tgt Ion: 62 Resp: 65543

Ion Ratio Lower Upper

62 100

98 10.3 7.5 11.3





#29

1,1,1-Trichloroethane

Concen: 4.915 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.003 min

Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

Instrument :

MSVOA_U

ClientSampleId :

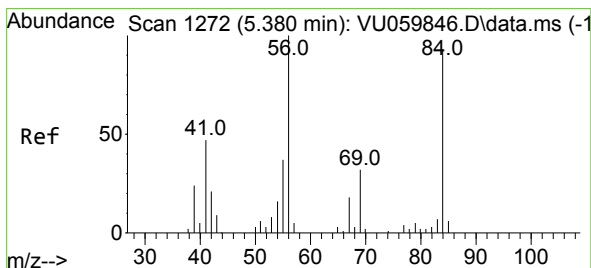
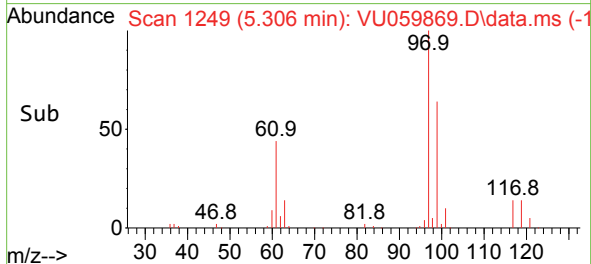
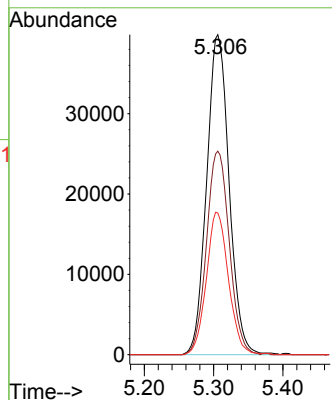
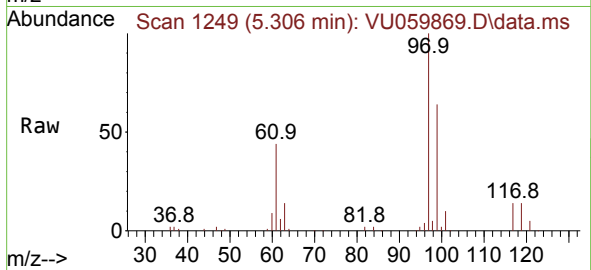
Tgt Ion: 97 Resp: 89787

Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.6

61 43.7 37.4 56.2



#30

Cyclohexane

Concen: 4.517 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

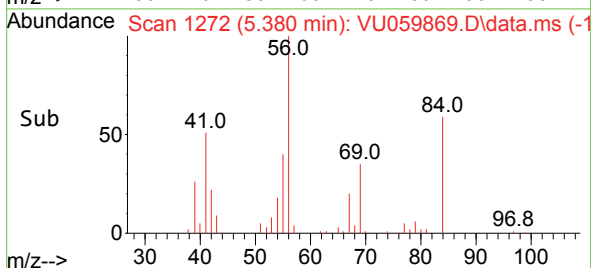
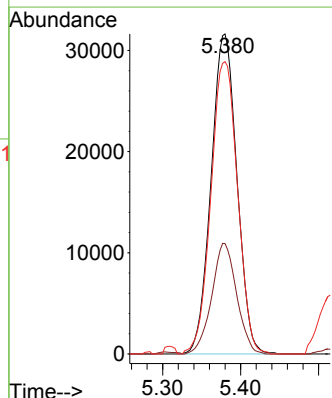
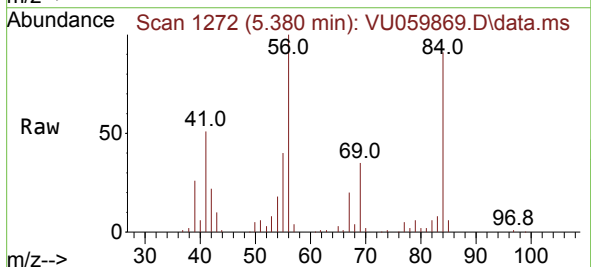
Tgt Ion: 56 Resp: 72856

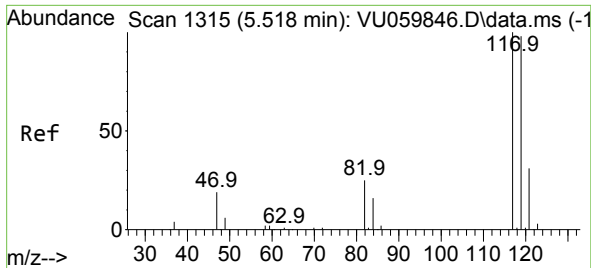
Ion Ratio Lower Upper

56 100

69 33.3 24.8 37.2

84 94.4 69.8 104.8

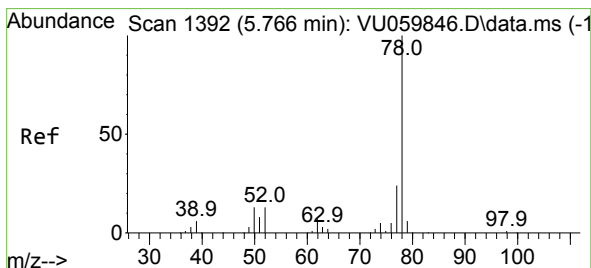
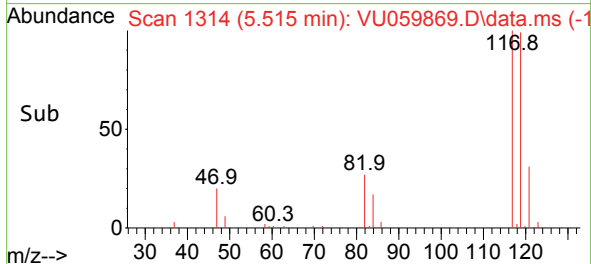
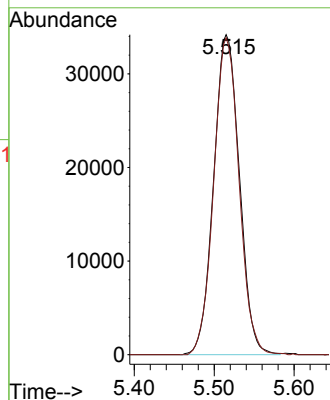
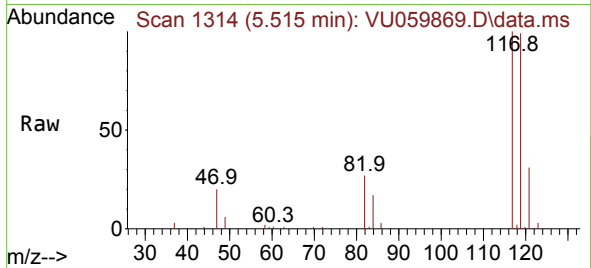




#31
Carbon tetrachloride
Concen: 4.998 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU059869.D
Acq: 05 Jul 2024 19:35

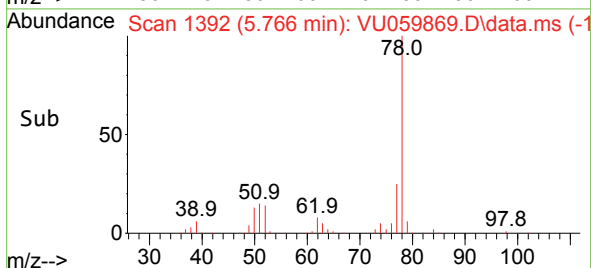
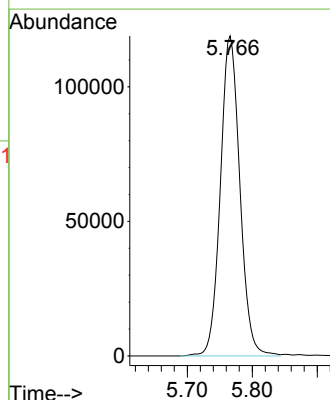
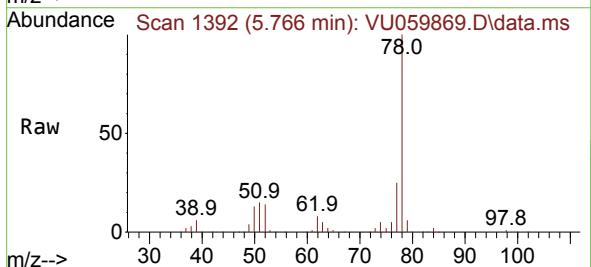
Instrument :
MSVOA_U
ClientSampleId :

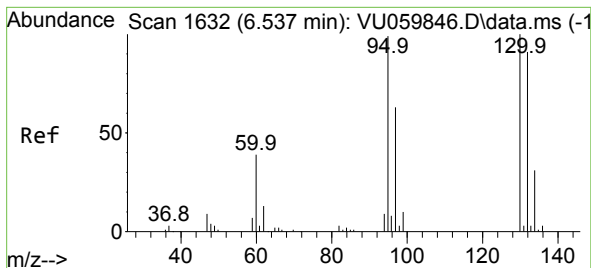
Tgt Ion:117 Resp: 76440
Ion Ratio Lower Upper
117 100
119 97.6 77.5 116.3



#33
Benzene
Concen: 5.143 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059869.D
Acq: 05 Jul 2024 19:35

Tgt Ion: 78 Resp: 247046





#34

Trichloroethene

Concen: 4.880 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 63490

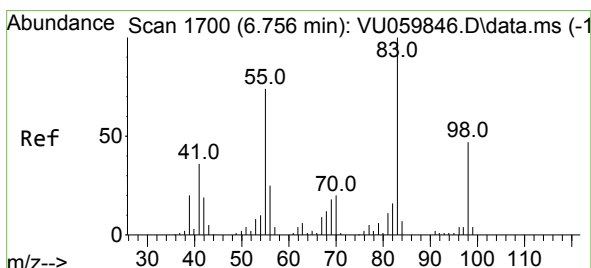
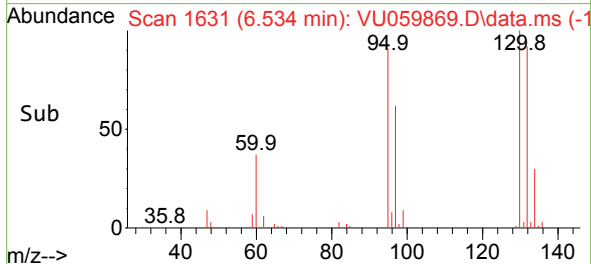
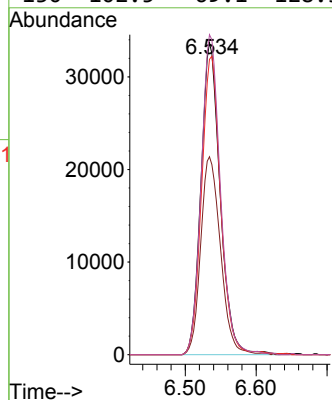
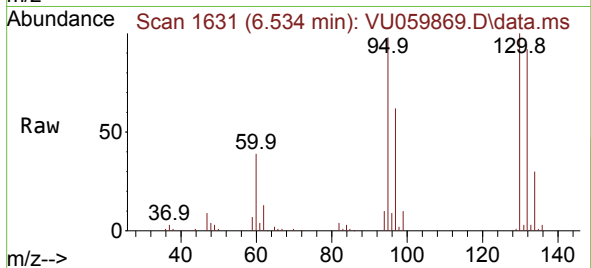
Ion Ratio Lower Upper

95 100

97 63.4 45.3 84.1

132 94.6 64.0 119.0

130 102.5 69.1 128.3



#35

Methylcyclohexane

Concen: 4.261 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

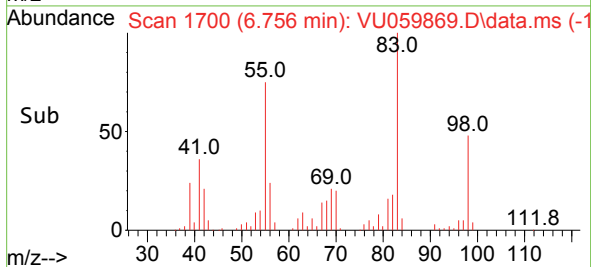
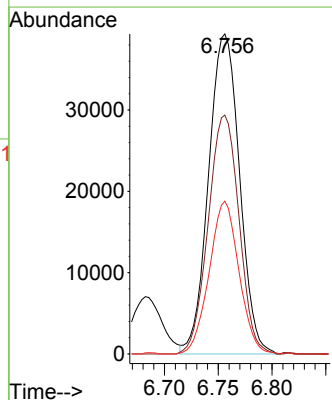
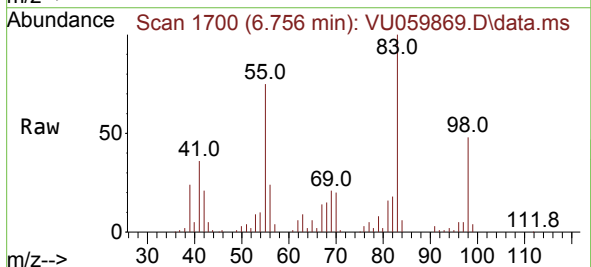
Tgt Ion: 83 Resp: 78876

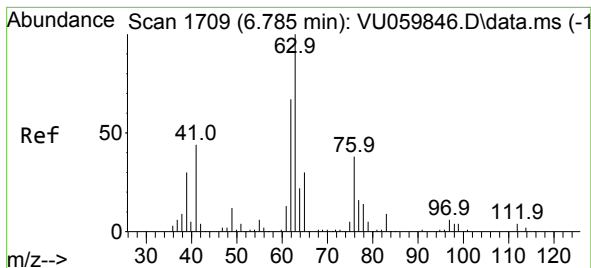
Ion Ratio Lower Upper

83 100

55 74.2 62.7 94.1

98 45.8 35.4 53.0

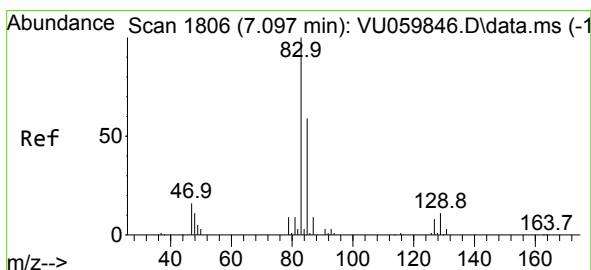
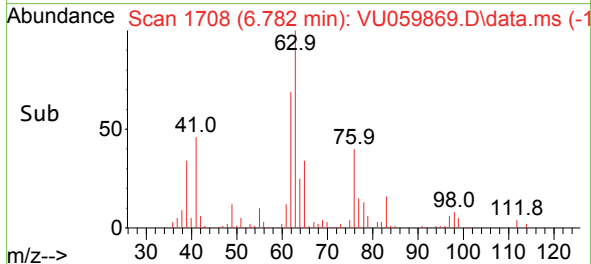
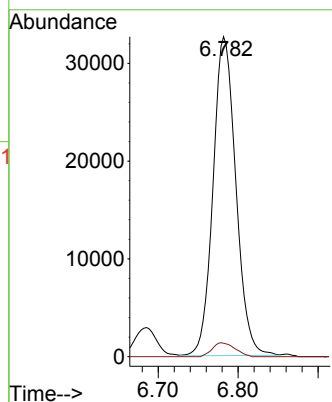
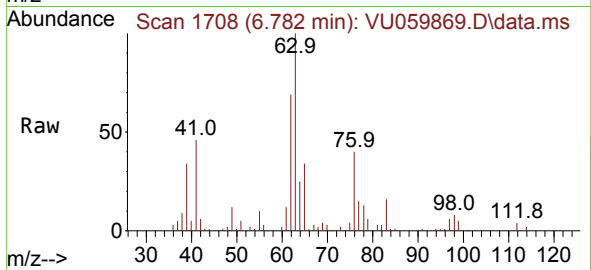




#37
1,2-Dichloropropane
Concen: 5.196 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.003 min
Lab File: VU059869.D
Acq: 05 Jul 2024 19:35

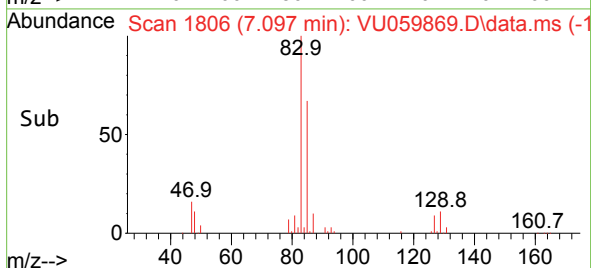
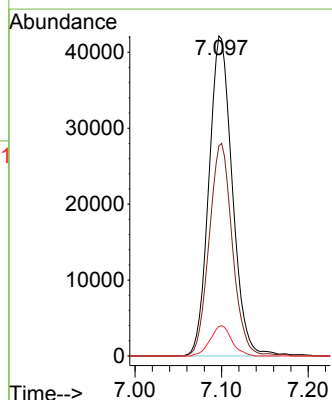
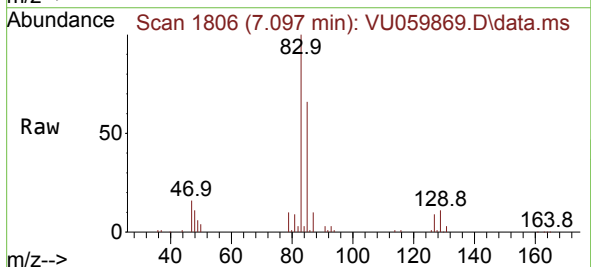
Instrument :
MSVOA_U
ClientSampleId :

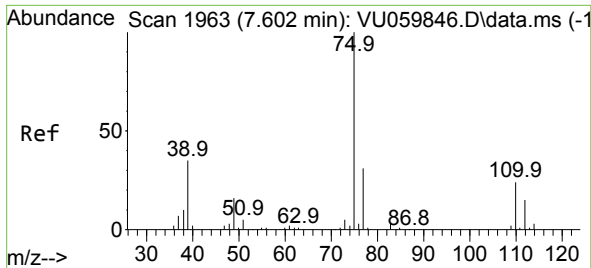
Tgt Ion: 63 Resp: 64595
Ion Ratio Lower Upper
63 100
112 4.3 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.098 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU059869.D
Acq: 05 Jul 2024 19:35

Tgt Ion: 83 Resp: 79109
Ion Ratio Lower Upper
83 100
85 65.7 42.7 79.3
127 9.2 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 4.803 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

Instrument :

MSVOA_U

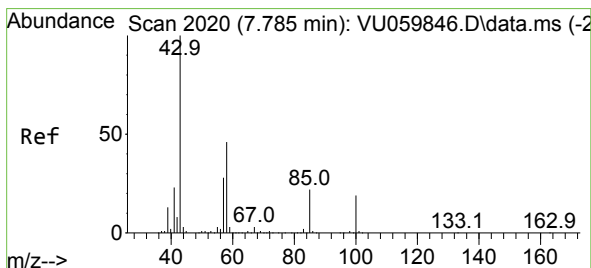
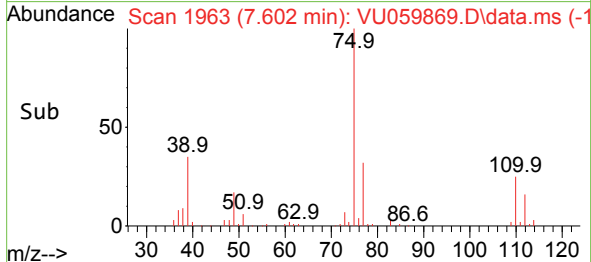
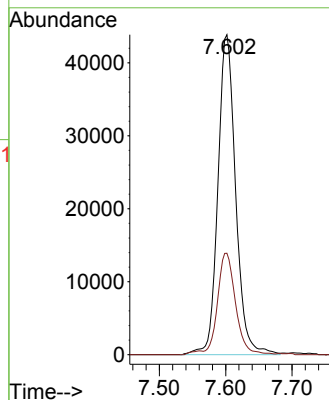
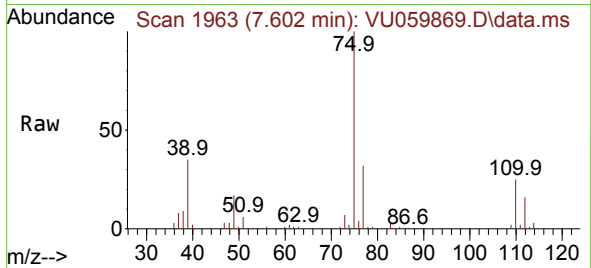
ClientSampleId :

Tgt Ion: 75 Resp: 81660

Ion Ratio Lower Upper

75 100

77 31.7 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 51.254 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

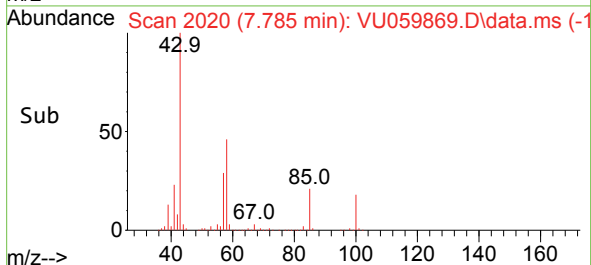
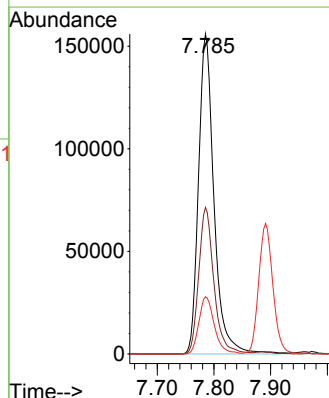
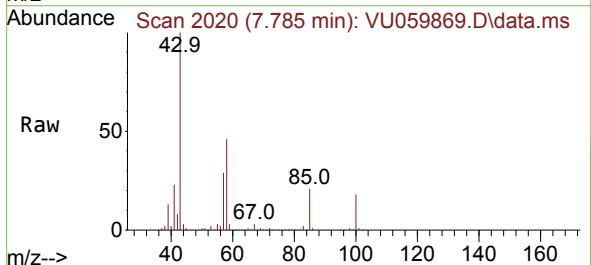
Tgt Ion: 43 Resp: 295252

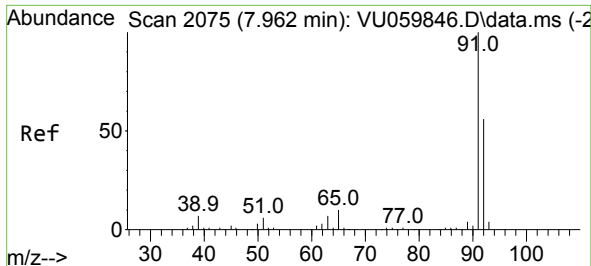
Ion Ratio Lower Upper

43 100

58 45.0 34.0 51.0

100 17.9 12.1 18.1





#42

Toluene

Concen: 5.295 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

Instrument :

MSVOA_U

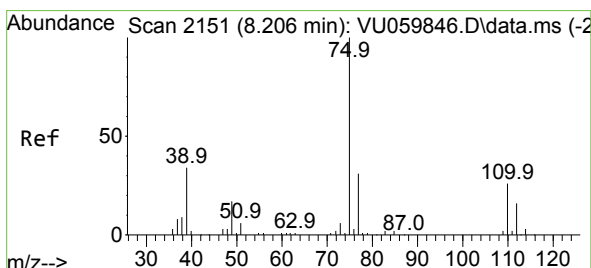
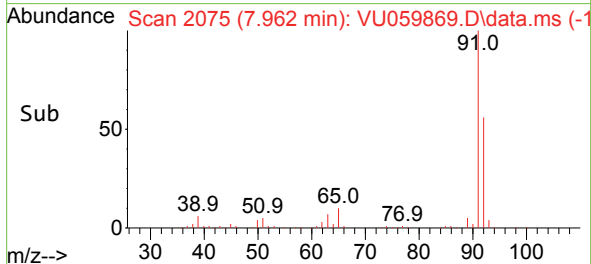
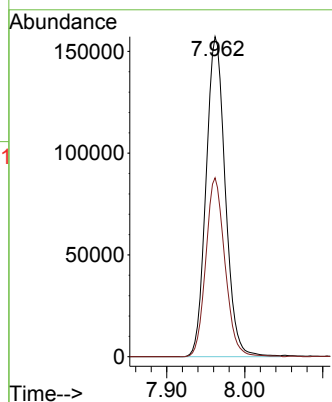
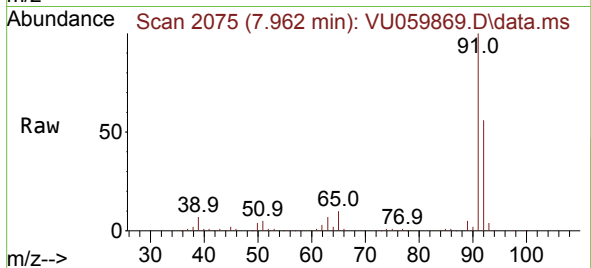
ClientSampleId :

Tgt Ion: 91 Resp: 269309

Ion Ratio Lower Upper

91 100

92 55.9 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.021 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU059869.D

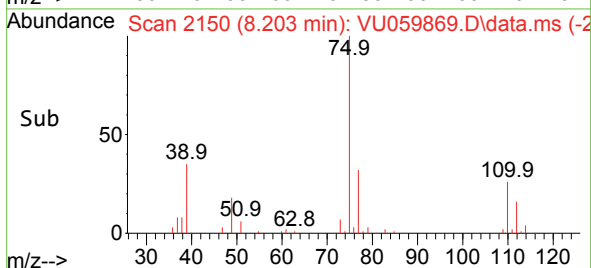
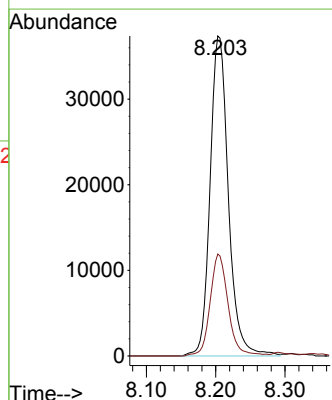
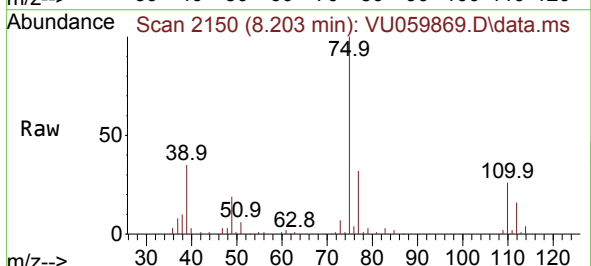
Acq: 05 Jul 2024 19:35

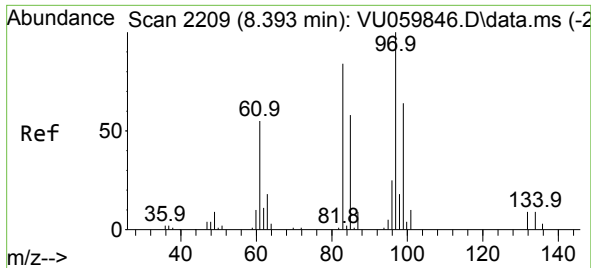
Tgt Ion: 75 Resp: 68522

Ion Ratio Lower Upper

75 100

77 31.9 22.0 41.0

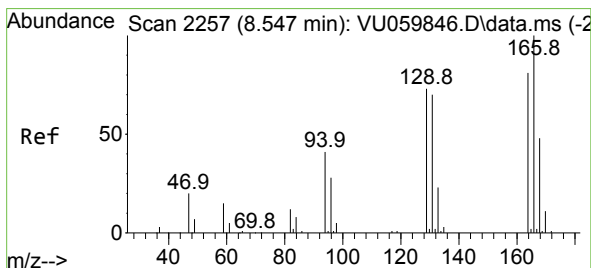
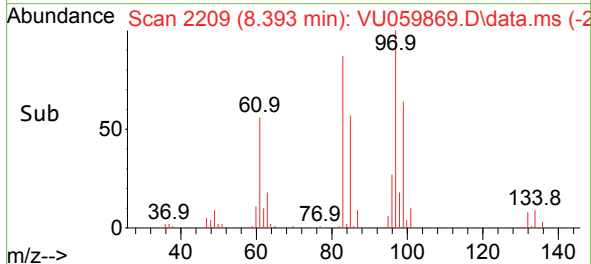
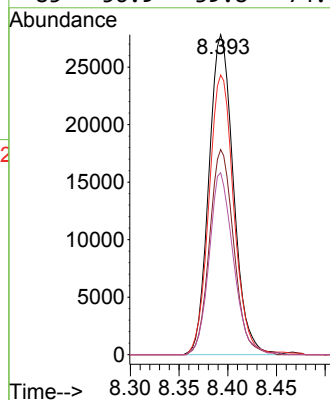
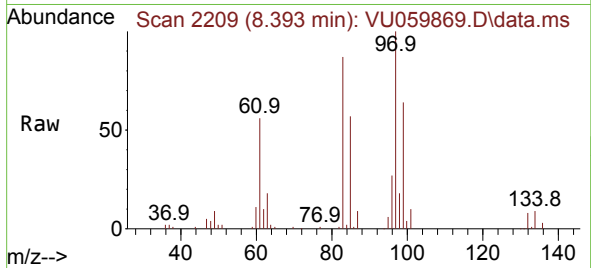




#45
1,1,2-Trichloroethane
Concen: 5.325 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059869.D
Acq: 05 Jul 2024 19:35

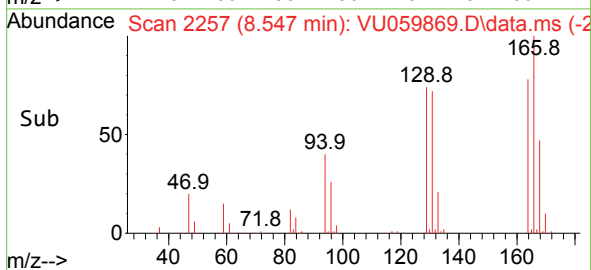
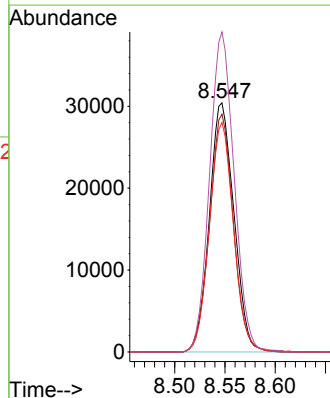
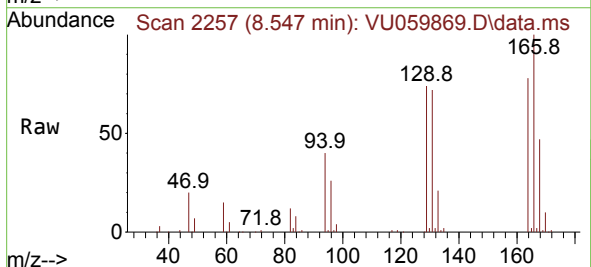
Instrument :
MSVOA_U
ClientSampleId :

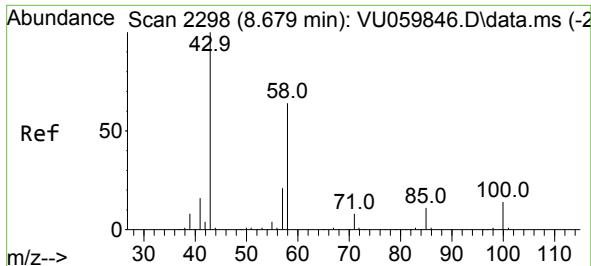
Tgt Ion: 97	Resp: 48780
Ion Ratio	Lower Upper
97 100	
99 64.1	43.3 80.3
83 87.4	62.3 115.7
85 56.9	39.8 74.0



#47
Tetrachloroethene
Concen: 5.126 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059869.D
Acq: 05 Jul 2024 19:35

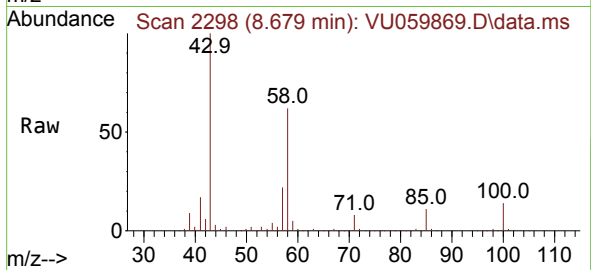
Tgt	Ion:164	Resp:	51747
Ion	Ratio	Lower	Upper
164	100		
129	95.4	70.8	131.4
131	92.1	64.8	120.3
166	128.4	91.1	169.1



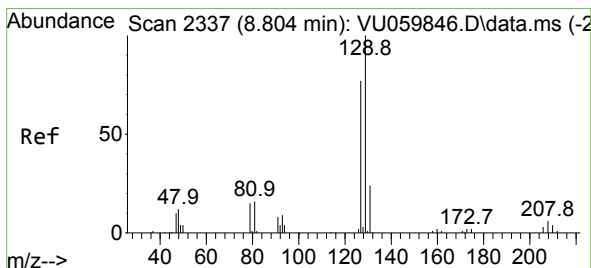
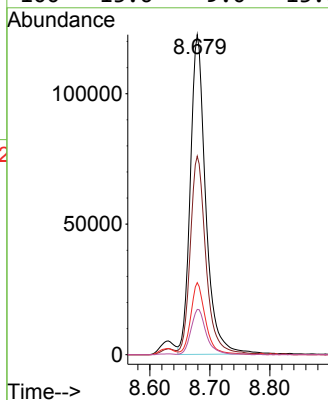
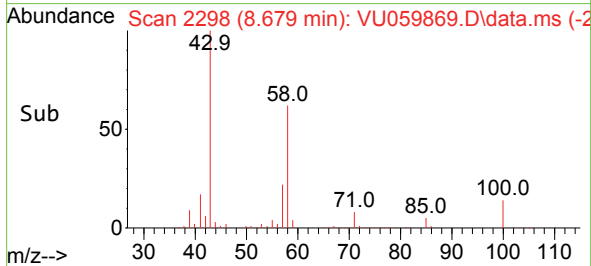


#48
2-Hexanone
Concen: 53.305 ug/L
RT: 8.679 min Scan# 219150
Delta R.T. 0.000 min
Lab File: VU059869.D
Acq: 05 Jul 2024 19:35

Instrument :
MSVOA_U
ClientSampleId :

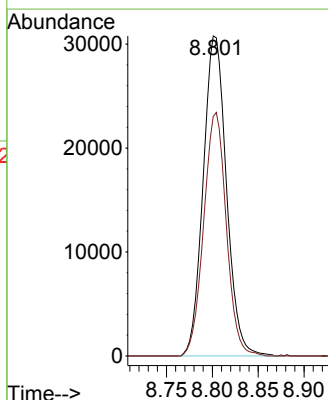
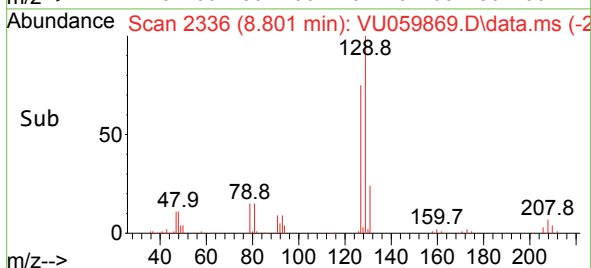
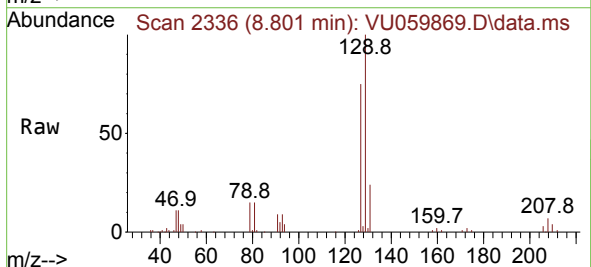


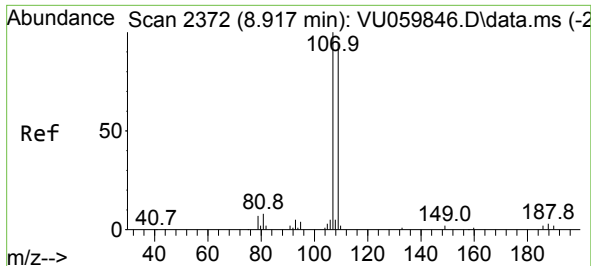
Tgt Ion: 43 Resp: 219150
Ion Ratio Lower Upper
43 100
58 62.4 46.1 69.1
57 21.5 15.5 23.3
100 13.6 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.361 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU059869.D
Acq: 05 Jul 2024 19:35

Tgt Ion: 129 Resp: 54407
Ion Ratio Lower Upper
129 100
127 74.9 52.5 97.5





#50

1,2-Dibromoethane

Concen: 5.397 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

Instrument :

MSVOA_U

ClientSampleId :

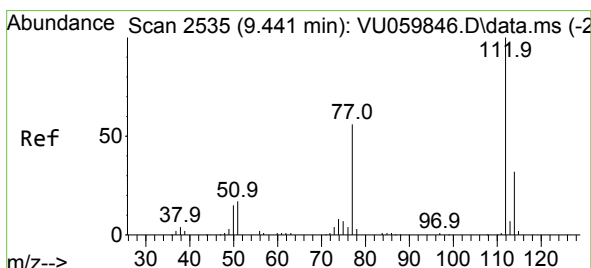
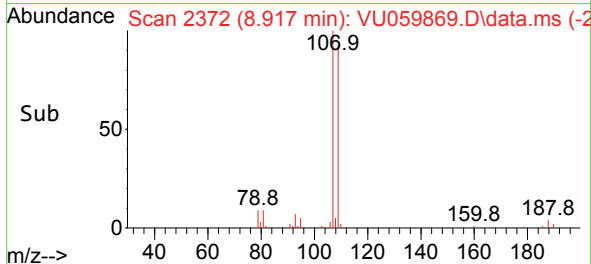
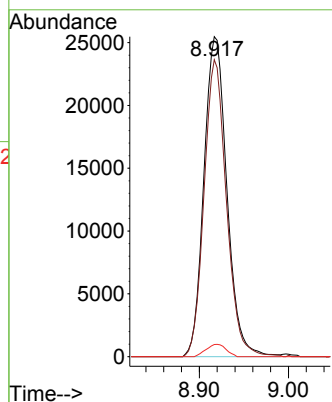
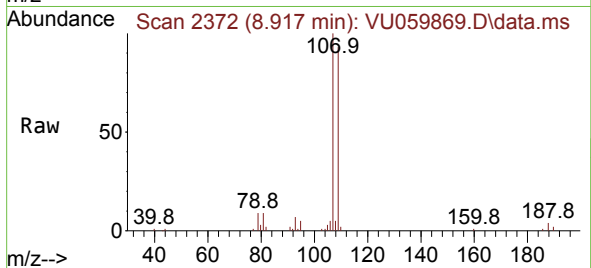
Tgt Ion:107 Resp: 45660

Ion Ratio Lower Upper

107 100

109 92.8 66.9 124.3

188 3.8 2.7 4.1



#51

Chlorobenzene

Concen: 5.133 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

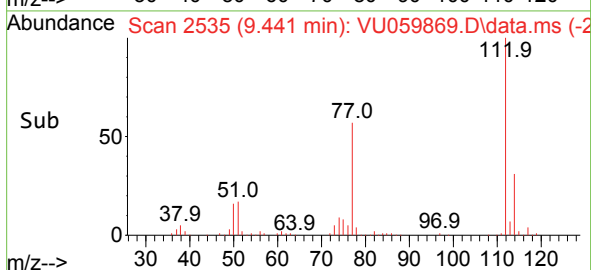
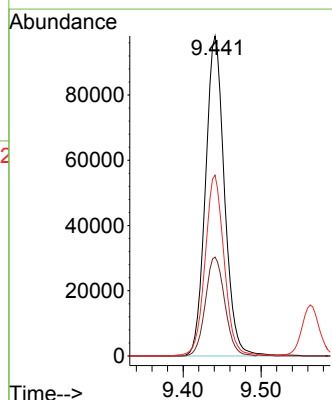
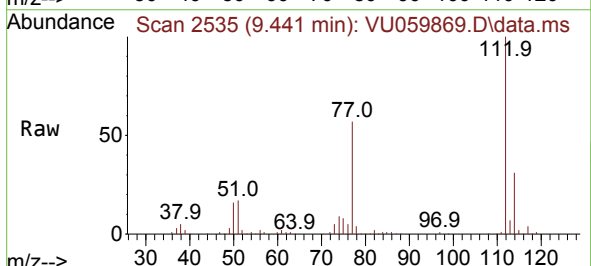
Tgt Ion:112 Resp: 165573

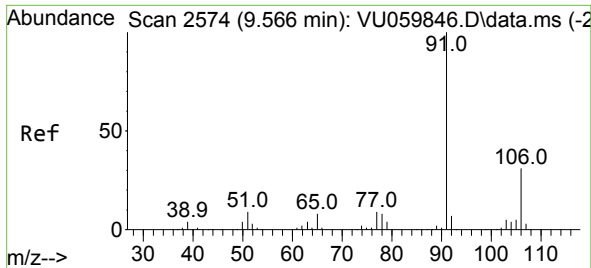
Ion Ratio Lower Upper

112 100

114 30.9 22.4 41.6

77 56.5 49.1 73.7

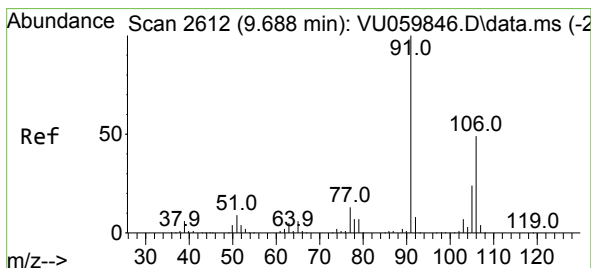
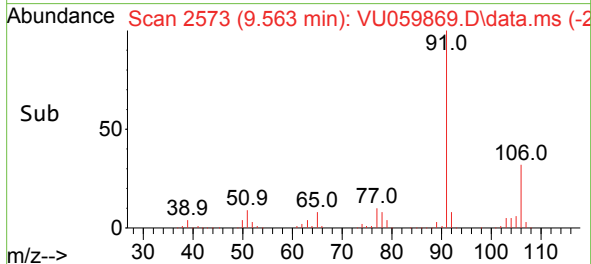
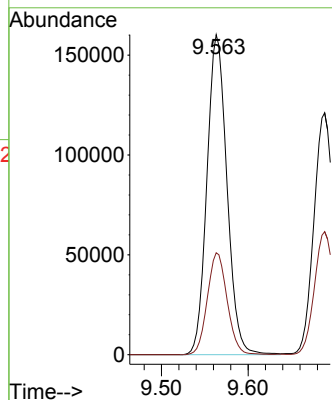
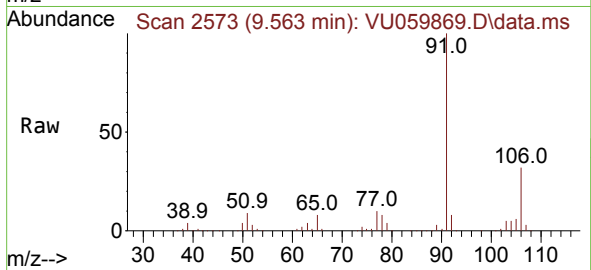




#52
Ethylbenzene
Concen: 4.934 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU059869.D
Acq: 05 Jul 2024 19:35

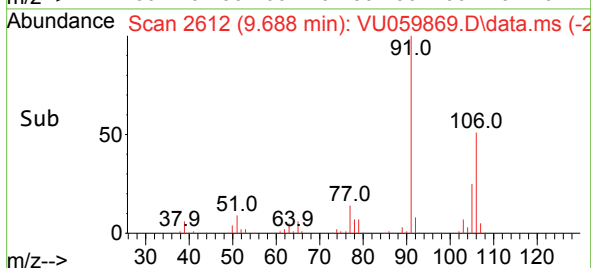
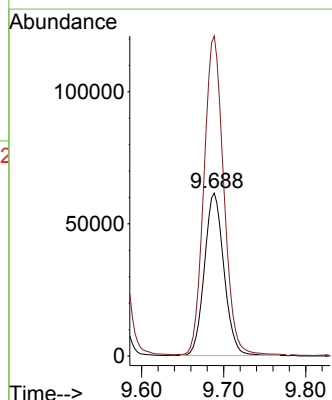
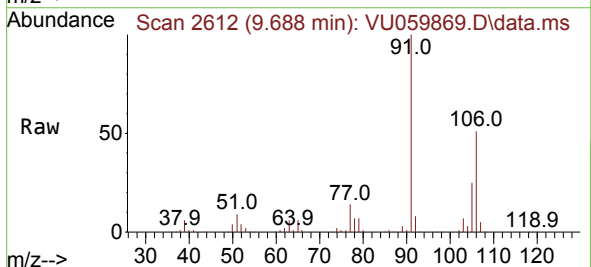
Instrument :
MSVOA_U
ClientSampleId :

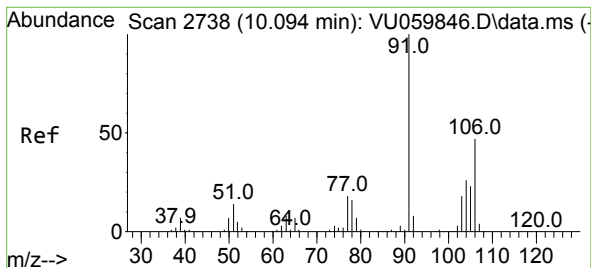
Tgt Ion: 91 Resp: 257398
Ion Ratio Lower Upper
91 100
106 31.8 20.9 38.7



#53
m,p-Xylene
Concen: 5.062 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059869.D
Acq: 05 Jul 2024 19:35

Tgt Ion:106 Resp: 101426
Ion Ratio Lower Upper
106 100
91 196.5 142.0 263.8





#54

o-Xylene

Concen: 5.063 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

Instrument :

MSVOA_U

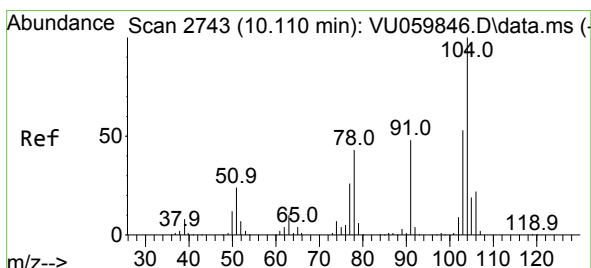
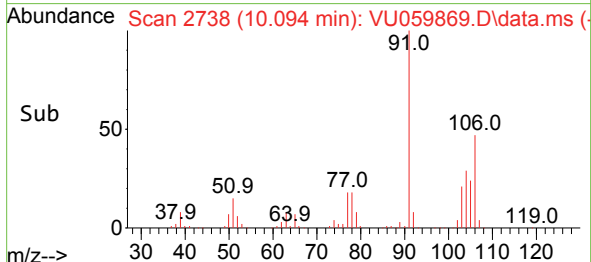
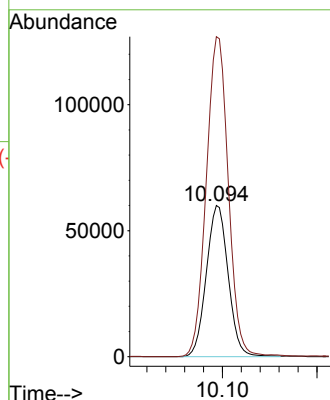
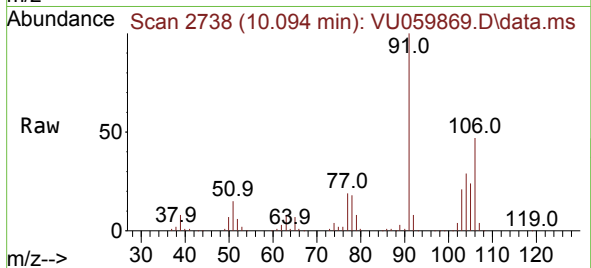
ClientSampleId :

Tgt Ion:106 Resp: 96283

Ion Ratio Lower Upper

106 100

91 211.5 151.6 281.6



#55

Styrene

Concen: 5.333 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU059869.D

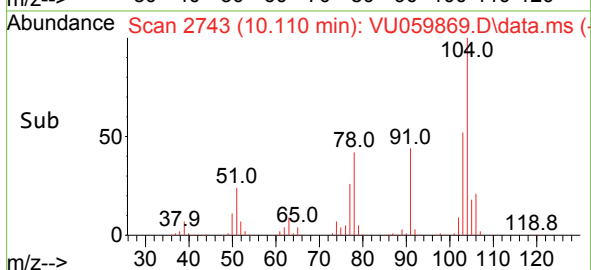
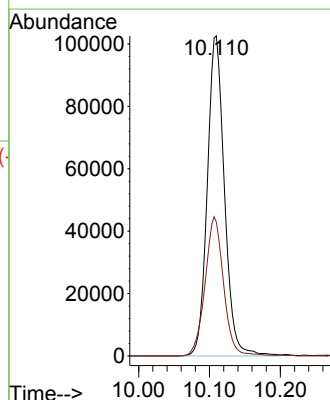
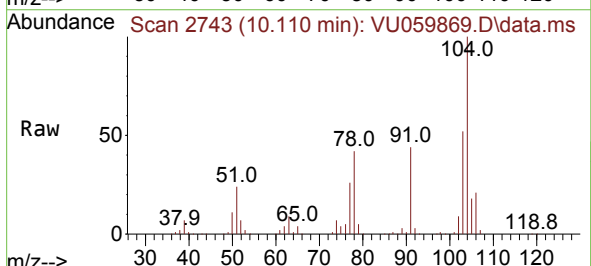
Acq: 05 Jul 2024 19:35

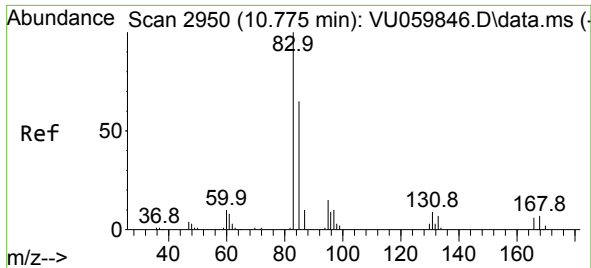
Tgt Ion:104 Resp: 172640

Ion Ratio Lower Upper

104 100

78 41.8 32.3 60.1

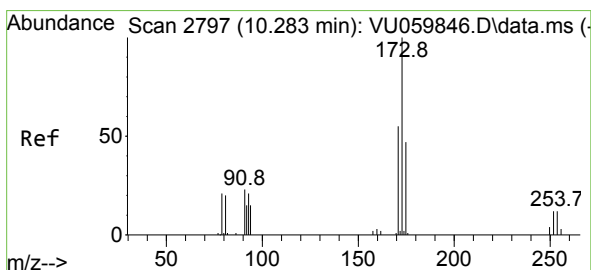
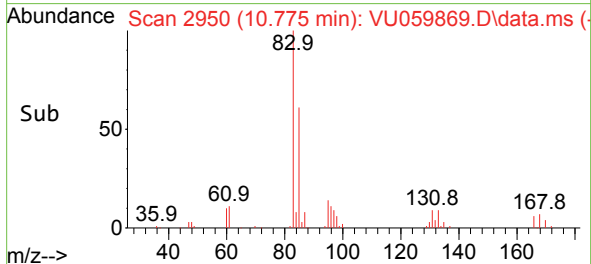
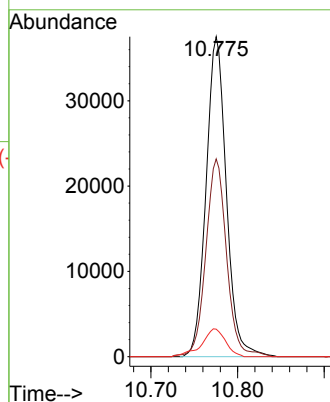
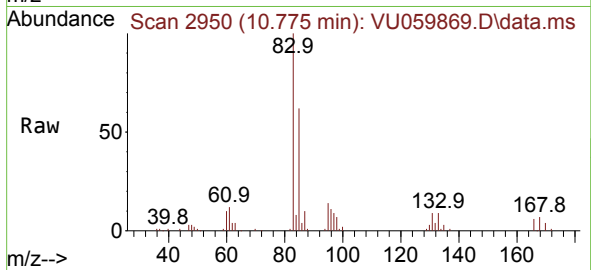




#57
1,1,2,2-Tetrachloroethane
Concen: 5.487 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU059869.D
Acq: 05 Jul 2024 19:35

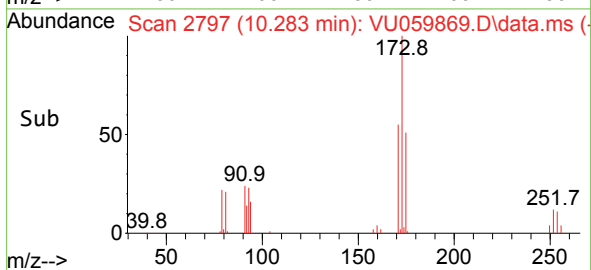
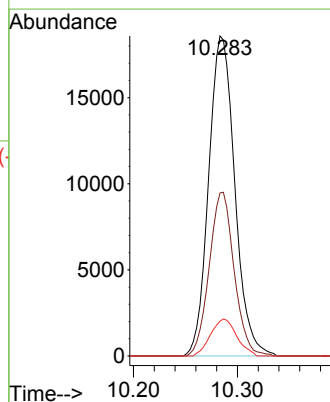
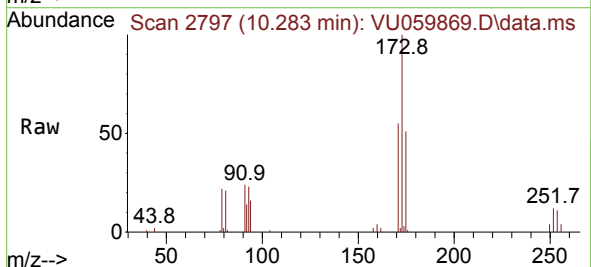
Instrument :
MSVOA_U
ClientSampleId :

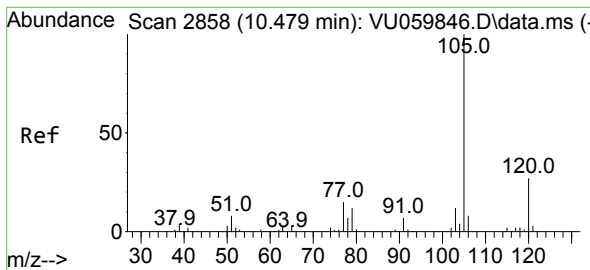
Tgt Ion: 83 Resp: 60981
Ion Ratio Lower Upper
83 100
85 61.8 44.7 82.9
131 8.6 6.9 10.3



#59
Bromoform
Concen: 4.999 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU059869.D
Acq: 05 Jul 2024 19:35

Tgt Ion:173 Resp: 32464
Ion Ratio Lower Upper
173 100
175 48.7 39.4 59.2
254 11.5 7.4 11.2#





#60

Isopropylbenzene

Concen: 4.843 ug/L

RT: 10.476 min Scan# 2858

Delta R.T. -0.003 min

Lab File: VU059869.D

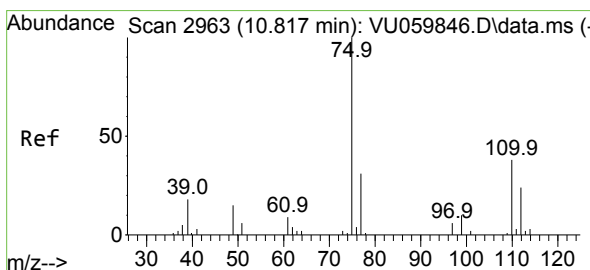
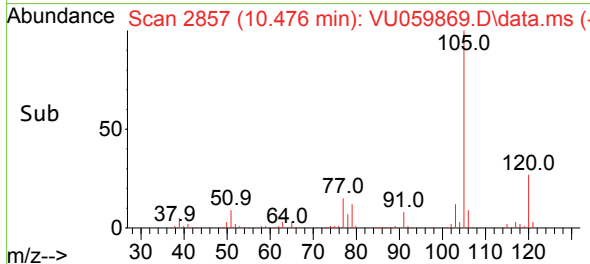
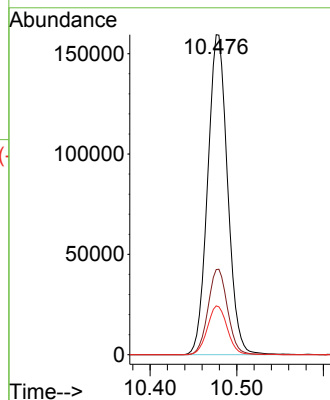
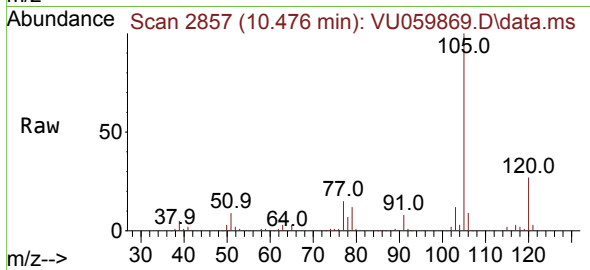
Acq: 05 Jul 2024 19:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105	Resp:	253905
Ion Ratio	Lower	Upper
105	100	
120	26.3	20.6 31.0
77	15.3	12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 4.946 ug/L

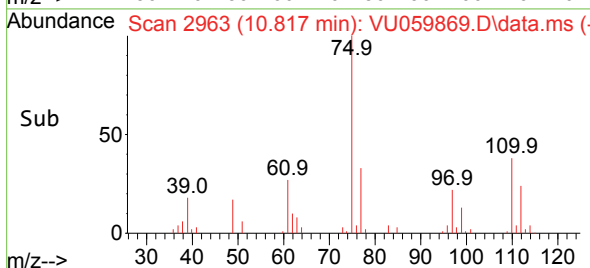
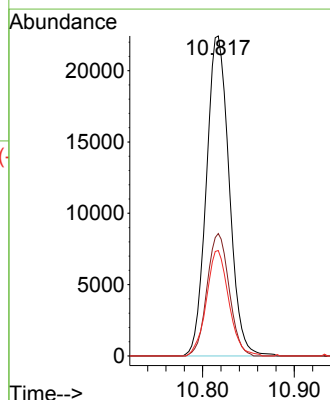
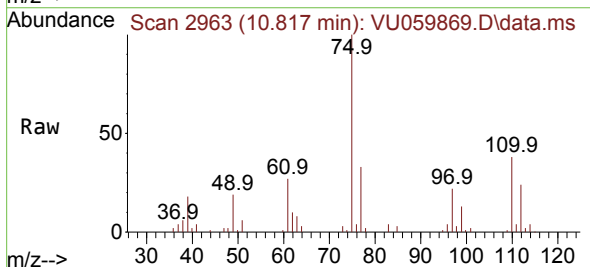
RT: 10.817 min Scan# 2963

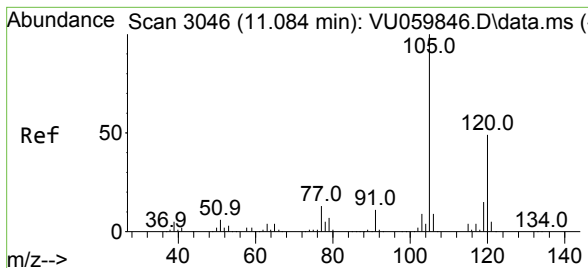
Delta R.T. 0.000 min

Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

Tgt Ion: 75	Resp:	38786
Ion Ratio	Lower	Upper
75	100	
110	37.0	27.1 40.7
77	32.4	25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 4.533 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

Instrument :

MSVOA_U

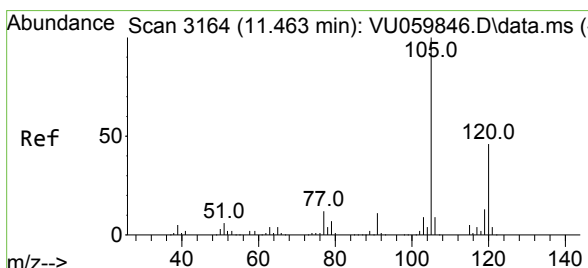
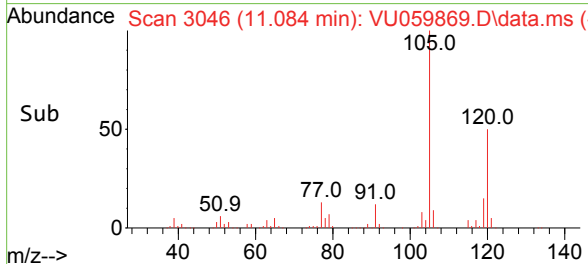
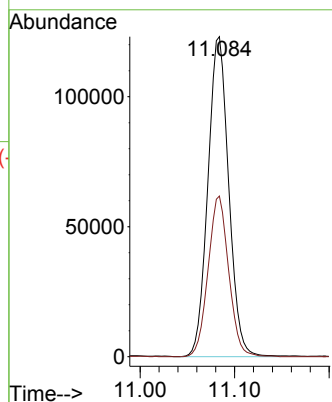
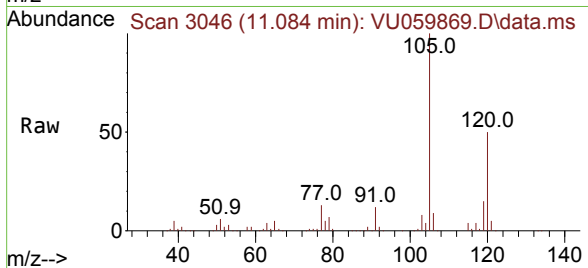
ClientSampleId :

Tgt Ion:105 Resp: 188240

Ion Ratio Lower Upper

105 100

120 49.8 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 4.717 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU059869.D

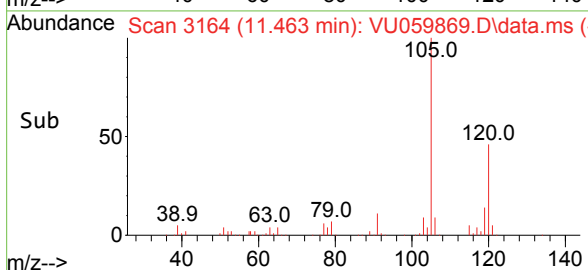
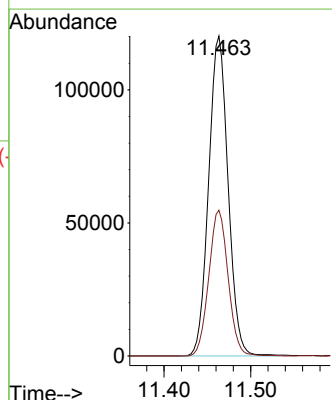
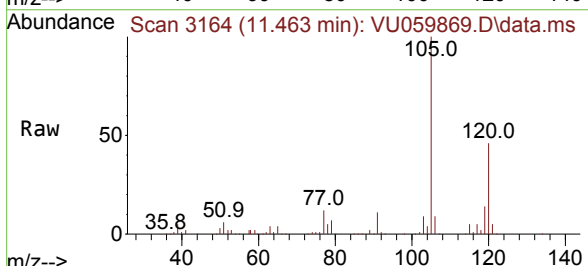
Acq: 05 Jul 2024 19:35

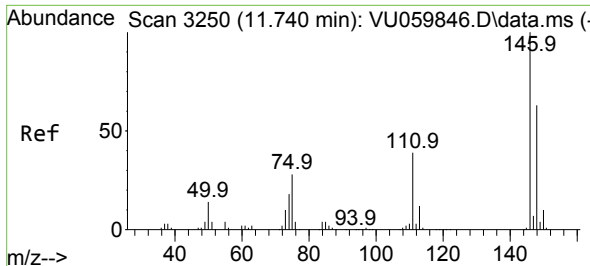
Tgt Ion:105 Resp: 187304

Ion Ratio Lower Upper

105 100

120 45.4 35.4 53.0

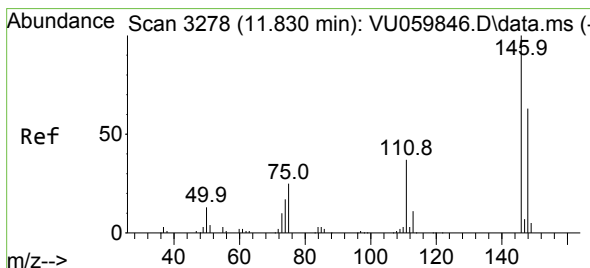
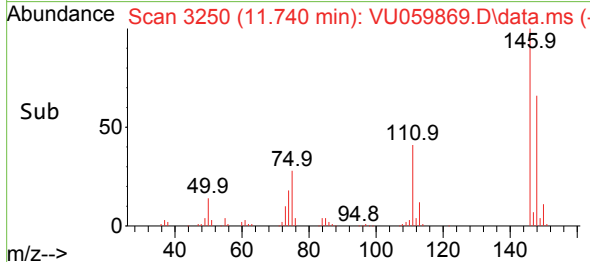
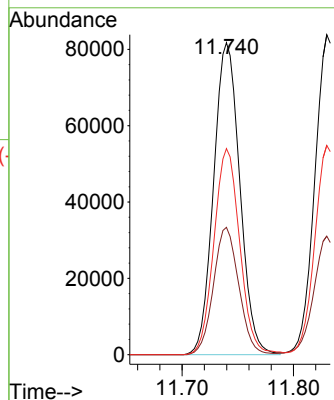
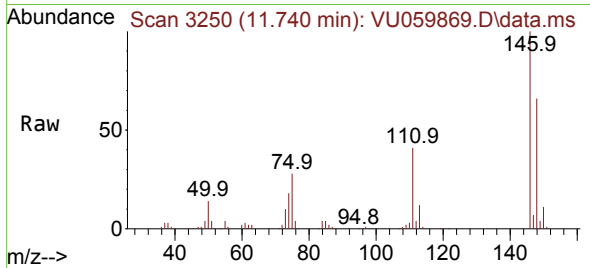




#64
1,3-Dichlorobenzene
Concen: 5.016 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU059869.D
Acq: 05 Jul 2024 19:35

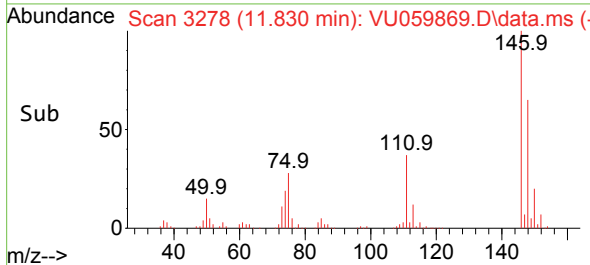
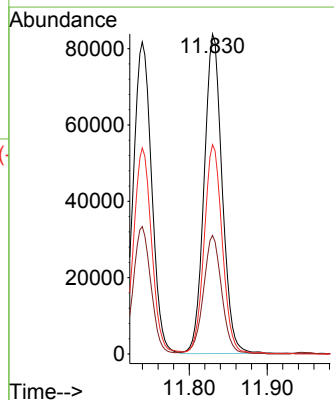
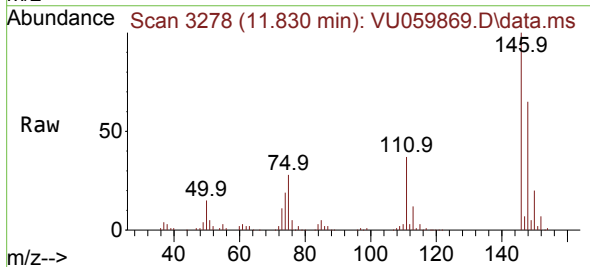
Instrument :
MSVOA_U
ClientSampleId :

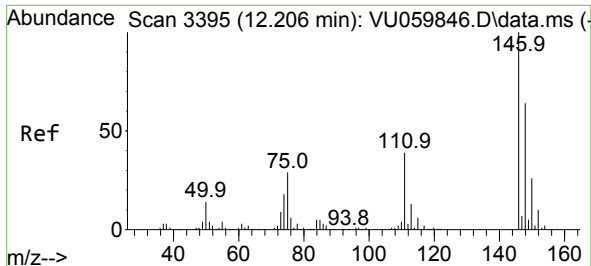
Tgt Ion:146 Resp: 133731
Ion Ratio Lower Upper
146 100
111 40.8 27.4 51.0
148 66.1 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 4.908 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU059869.D
Acq: 05 Jul 2024 19:35

Tgt Ion:146 Resp: 134693
Ion Ratio Lower Upper
146 100
111 37.0 26.9 50.1
148 65.4 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.978 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

Instrument :

MSVOA_U

ClientSampleId :

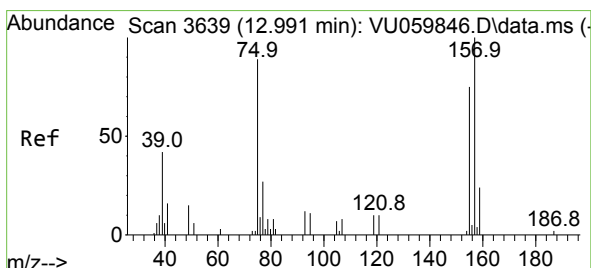
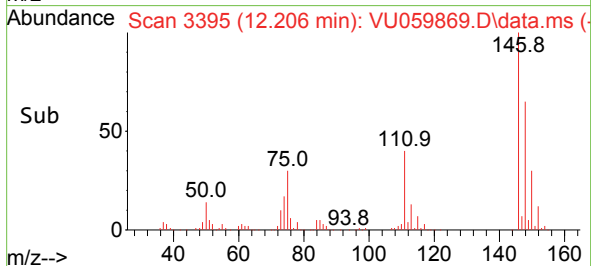
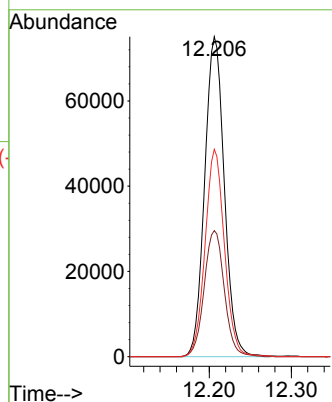
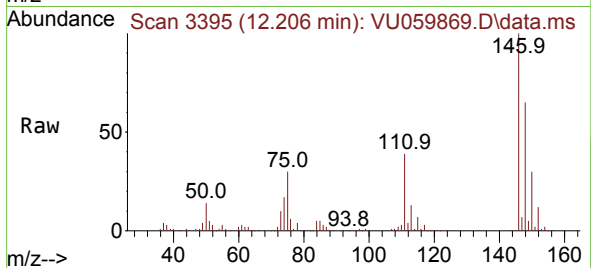
Tgt Ion:146 Resp: 124915

Ion Ratio Lower Upper

146 100

111 39.4 33.4 50.0

148 64.8 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.339 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

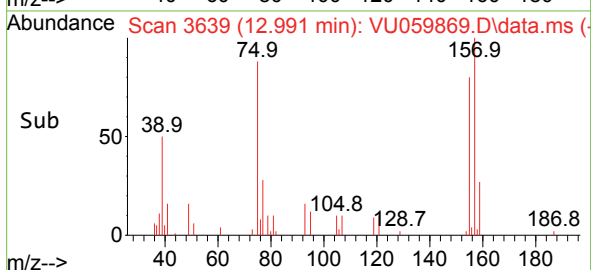
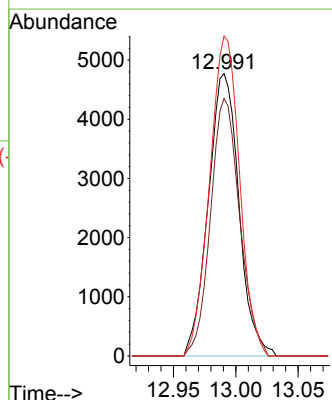
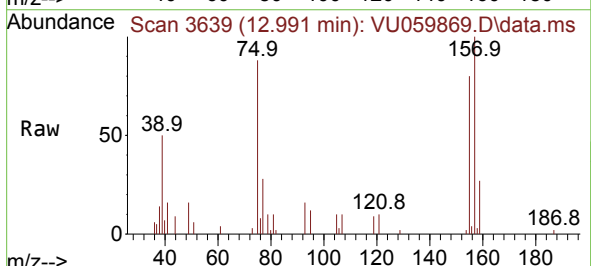
Tgt Ion: 75 Resp: 8166

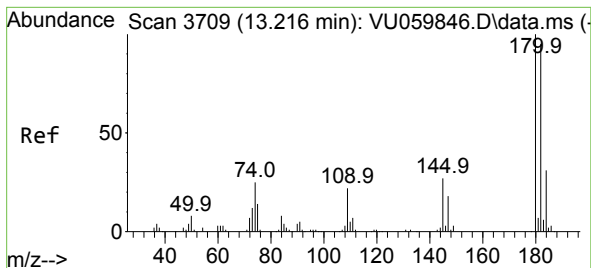
Ion Ratio Lower Upper

75 100

155 91.2 58.2 87.2#

157 113.3 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 4.857 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.003 min

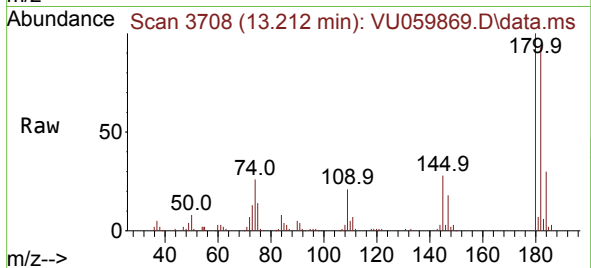
Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 95856

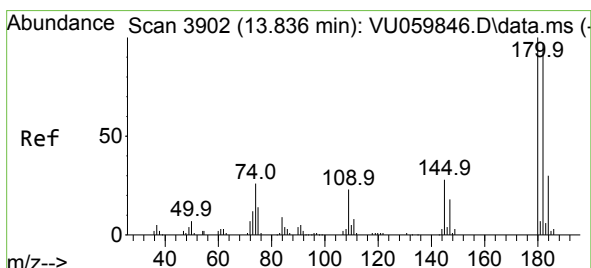
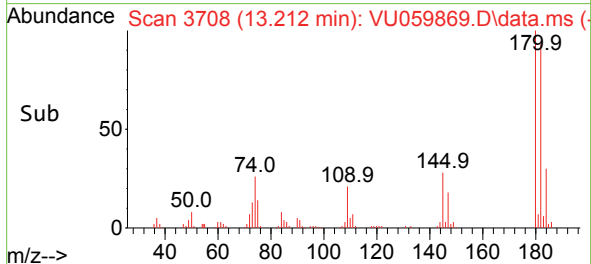
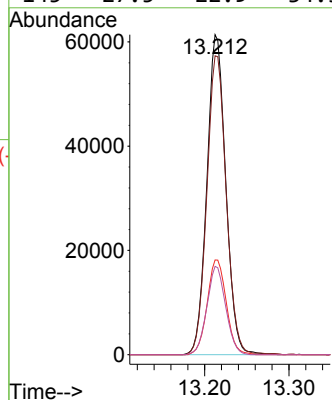
Ion Ratio Lower Upper

180 100

182 95.5 75.4 113.0

184 29.9 23.0 34.6

145 27.5 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 4.927 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU059869.D

Acq: 05 Jul 2024 19:35

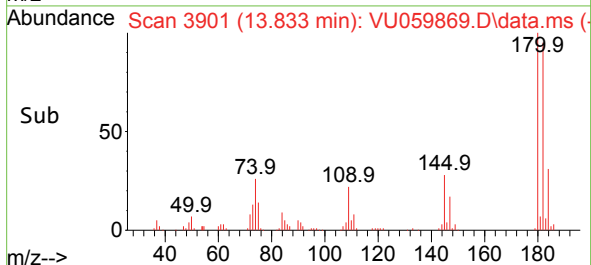
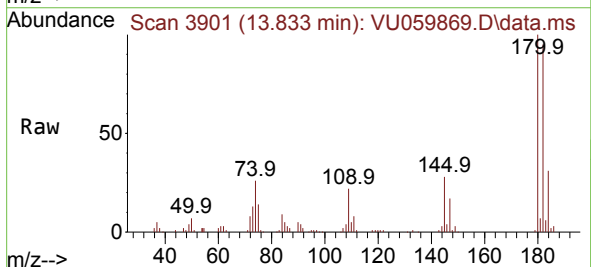
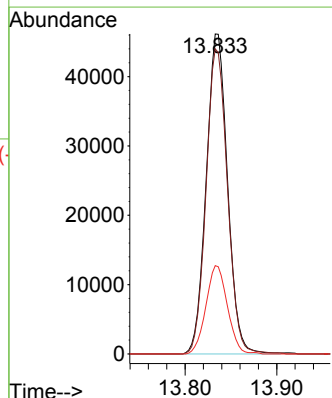
Tgt Ion:180 Resp: 74593

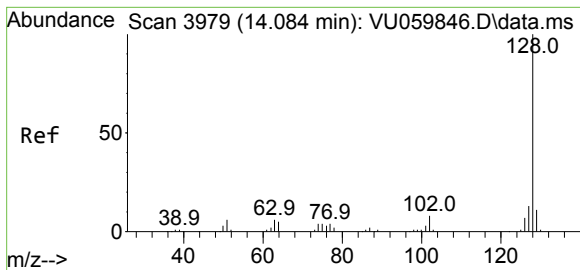
Ion Ratio Lower Upper

180 100

182 95.5 74.9 112.3

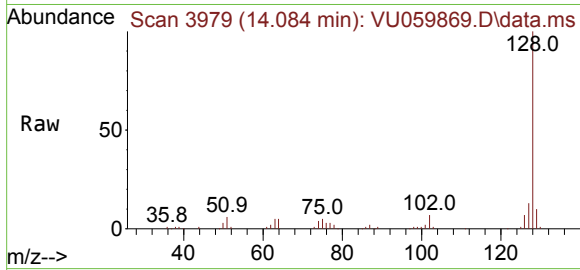
145 27.8 23.9 35.9



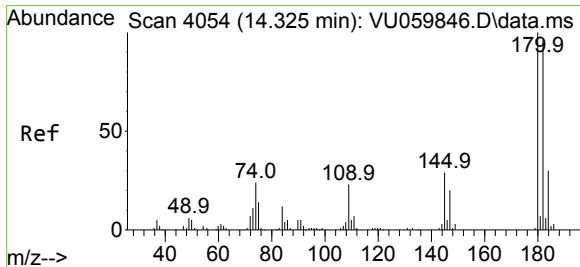
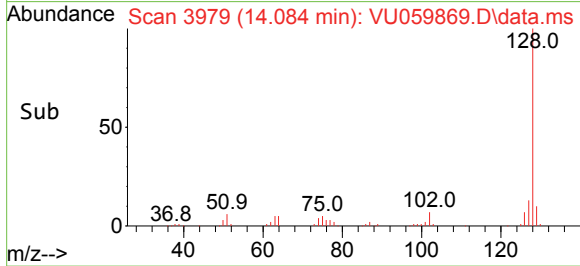
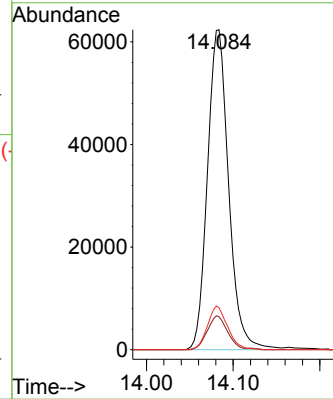


#71
Naphthalene
Concen: 4.892 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU059869.D
Acq: 05 Jul 2024 19:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 106008
Ion Ratio Lower Upper
128 100
129 10.1 8.2 12.4
127 13.0 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.093 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU059869.D
Acq: 05 Jul 2024 19:35

Tgt Ion:180 Resp: 71603
Ion Ratio Lower Upper
180 100
182 94.8 77.0 115.6
145 30.3 26.2 39.4

