

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092624\
 Data File : VU061013.D
 Acq On : 26 Sep 2024 10:43
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 04:45:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 26 05:34:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149170	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153478	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74793	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49906	3.720	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.911	69	45326	4.745	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.560	65	21454	4.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	4.637	46	114609	53.210	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.420%
24) Chloroform-d	5.055	84	99909	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.695	65	46608	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.721	84	181561	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.685	67	63659	5.002	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.891	98	164785	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.174	79	20277	4.426	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.627	63	94128	52.084	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.160%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	52153	5.230	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	52523	4.179	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	50030	4.443	ug/L	99
3) Chloromethane	1.518	50	63321	5.324	ug/L	97
5) Vinyl chloride	1.602	62	65055	5.053	ug/L	95
6) Bromomethane	1.856	94	35917	4.366	ug/L	97
8) Chloroethane	1.933	64	43515	5.533	ug/L	97
9) Trichlorofluoromethane	2.132	101	89929	5.086	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	51858	5.047	ug/L	97
12) 1,1-Dichloroethene	2.573	96	47485	5.061	ug/L	97
13) Acetone	2.660	43	77097	53.652	ug/L	96
14) Carbon disulfide	2.785	76	118166	4.539	ug/L	98
15) Methyl Acetate	2.959	43	20479	5.845	ug/L	99
16) Methylene chloride	3.039	84	57263	5.270	ug/L	97
17) Methyl tert-butyl Ether	3.357	73	108355	5.109	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	46418	4.774	ug/L	98
19) 1,1-Dichloroethane	3.859	63	101684	5.209	ug/L	98
21) 2-Butanone	4.714	43	119891	51.254	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	53231	4.947	ug/L	97
23) Bromochloromethane	4.972	128	25394	4.997	ug/L	97
25) Chloroform	5.078	83	107492	5.281	ug/L	98

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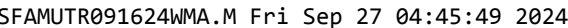
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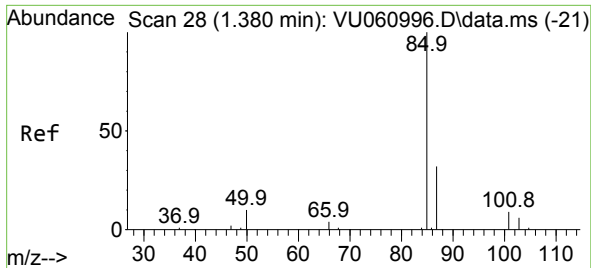
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	60846	5.159	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	81064	4.892	ug/L	95
30) Cyclohexane	5.380	56	61864	4.542	ug/L	98
31) Carbon tetrachloride	5.515	117	71561	4.878	ug/L	99
33) Benzene	5.766	78	220108	5.216	ug/L	100
34) Trichloroethene	6.537	95	53665	4.851	ug/L	96
35) Methylcyclohexane	6.756	83	63892	4.210	ug/L	97
37) 1,2-Dichloropropane	6.782	63	63698	5.478	ug/L #	97
38) Bromodichloromethane	7.097	83	75945	5.324	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	76039	4.916	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	300682	55.372	ug/L	99
42) Toluene	7.962	91	234936	5.324	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	62392	4.906	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	44130	5.256	ug/L	95
47) Tetrachloroethene	8.547	164	39618	4.506	ug/L	94
48) 2-Hexanone	8.679	43	219847	55.543	ug/L	99
49) Dibromochloromethane	8.801	129	49073	5.135	ug/L	97
50) 1,2-Dibromoethane	8.917	107	40673	5.429	ug/L #	98
51) Chlorobenzene	9.441	112	145778	4.920	ug/L	99
52) Ethylbenzene	9.563	91	225286	4.850	ug/L	99
53) m,p-Xylene	9.688	106	85642	4.862	ug/L	96
54) o-Xylene	10.094	106	82865	4.768	ug/L	99
55) Styrene	10.110	104	147033	5.019	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	56785	5.423	ug/L	96
59) Bromoform	10.283	173	29025	5.149	ug/L	99
60) Isopropylbenzene	10.476	105	221214	4.991	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	37872	5.429	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	162137	4.707	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	158747	4.664	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	110018	4.936	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	107601	4.671	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	103475	4.910	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	7037	5.166	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	72231	4.333	ug/L	96
70) 1,2,4-trichlorobenzene	13.833	180	52043	4.432	ug/L	98
71) Naphthalene	14.084	128	72058	4.652	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	48447	4.775	ug/L	99

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

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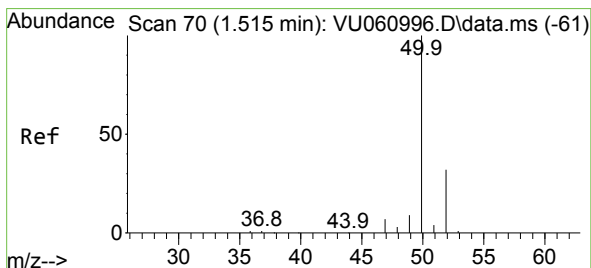
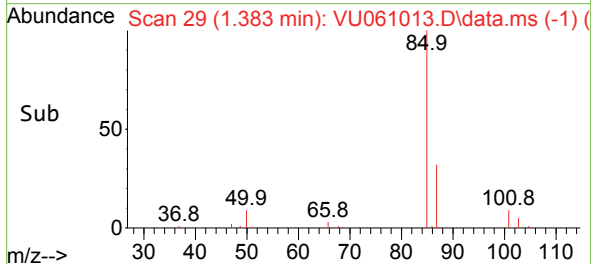
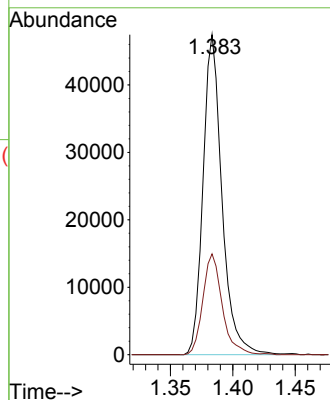
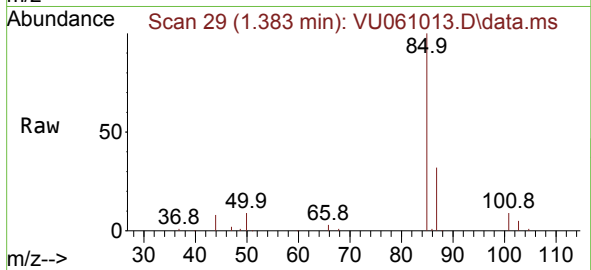




#2
 Dichlorodifluoromethane
 Concen: 4.443 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VU061013.D
 Acq: 26 Sep 2024 10:43

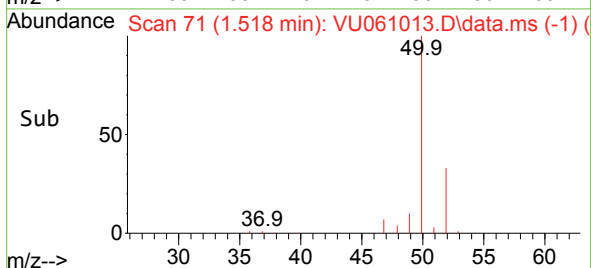
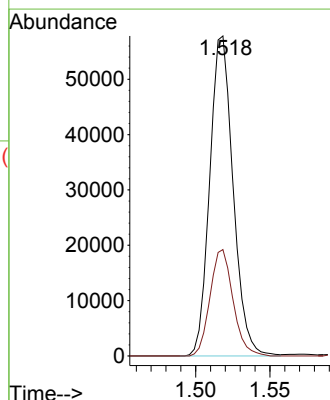
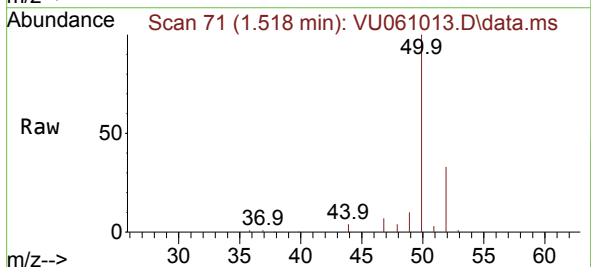
Instrument :
 MSVOA_U
 ClientSampleId :

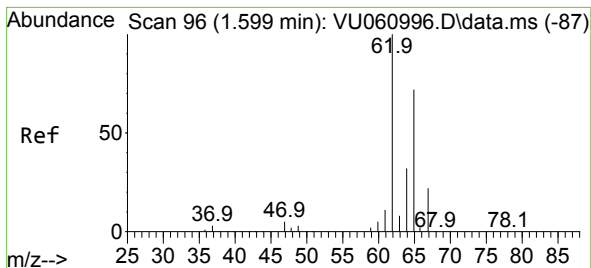
Tgt Ion: 85 Resp: 50030
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.2 39.2



#3
 Chloromethane
 Concen: 5.324 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU061013.D
 Acq: 26 Sep 2024 10:43

Tgt Ion: 50 Resp: 63321
 Ion Ratio Lower Upper
 50 100
 52 33.2 24.4 45.4





#5

Vinyl chloride

Concen: 5.053 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU061013.D

Acq: 26 Sep 2024 10:43

Instrument :

MSVOA_U

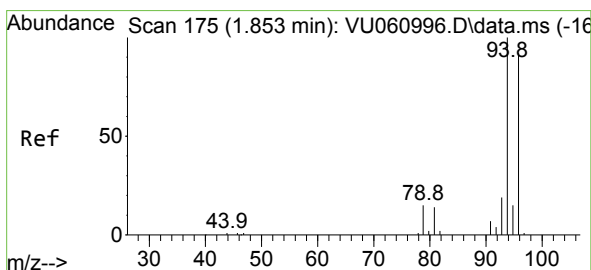
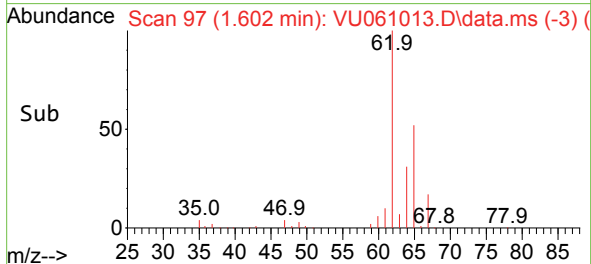
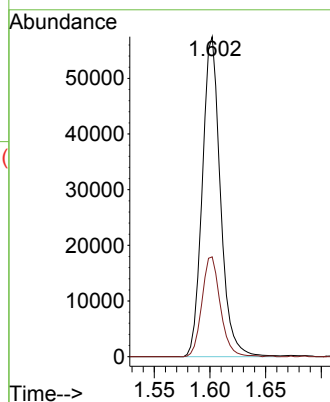
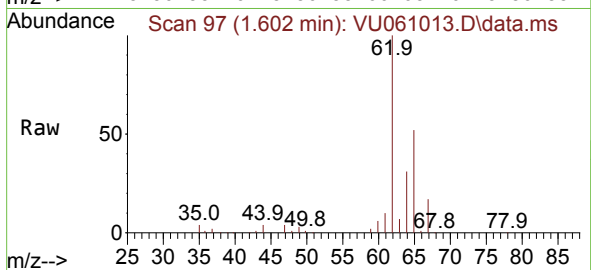
ClientSampleId :

Tgt Ion: 62 Resp: 65055

Ion Ratio Lower Upper

62 100

64 31.2 24.0 44.6



#6

Bromomethane

Concen: 4.366 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.003 min

Lab File: VU061013.D

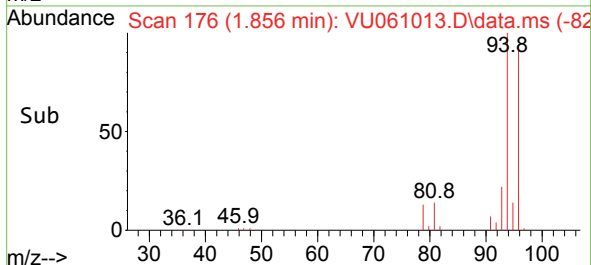
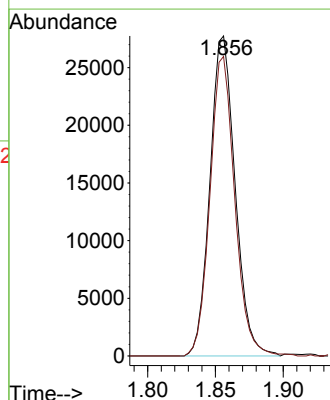
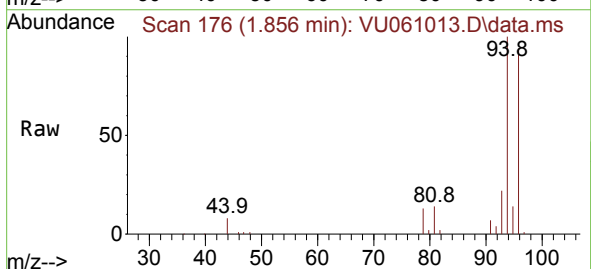
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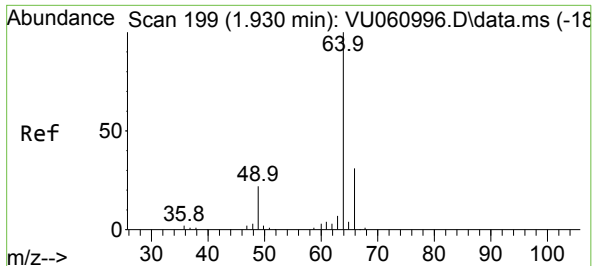
Tgt Ion: 94 Resp: 35917

Ion Ratio Lower Upper

94 100

96 93.6 67.3 124.9





#8

Chloroethane

Concen: 5.533 ug/L

RT: 1.933 min Scan# 200

Delta R.T. 0.003 min

Lab File: VU061013.D

Acq: 26 Sep 2024 10:43

Instrument :

MSVOA_U

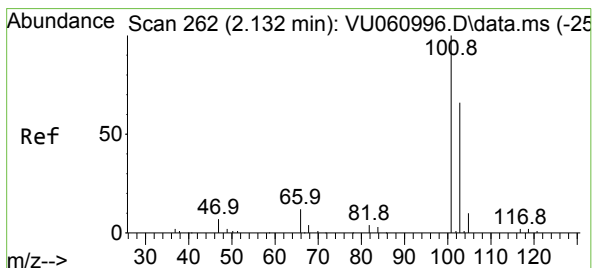
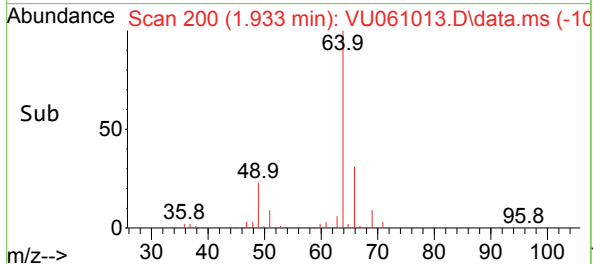
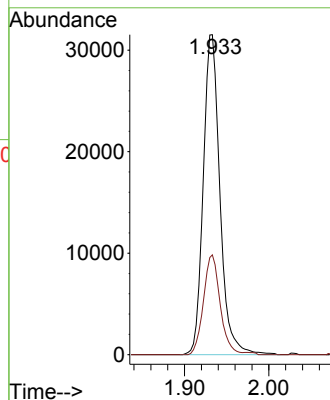
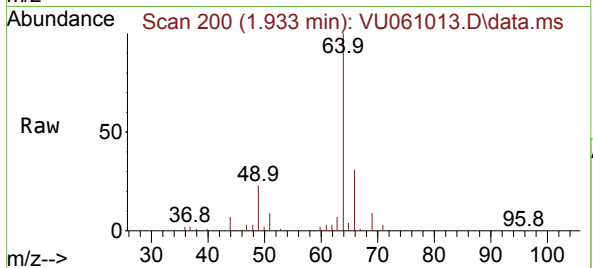
ClientSampleId :

Tgt Ion: 64 Resp: 43515

Ion Ratio Lower Upper

64 100

66 30.0 22.3 41.3



#9

Trichlorofluoromethane

Concen: 5.086 ug/L

RT: 2.132 min Scan# 262

Delta R.T. -0.000 min

Lab File: VU061013.D

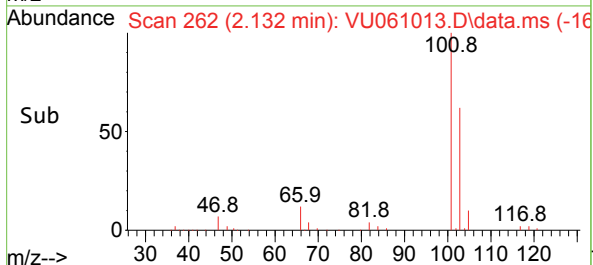
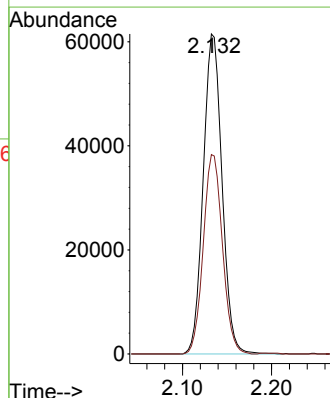
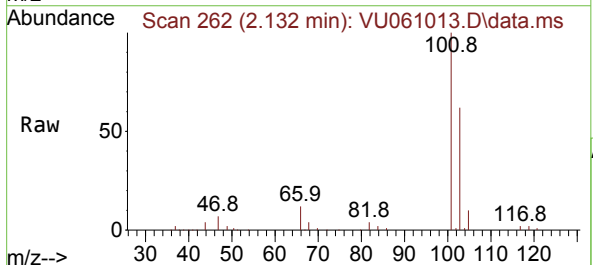
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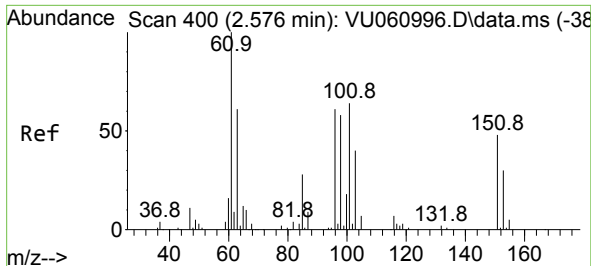
Tgt Ion:101 Resp: 89929

Ion Ratio Lower Upper

101 100

103 63.6 51.4 77.2

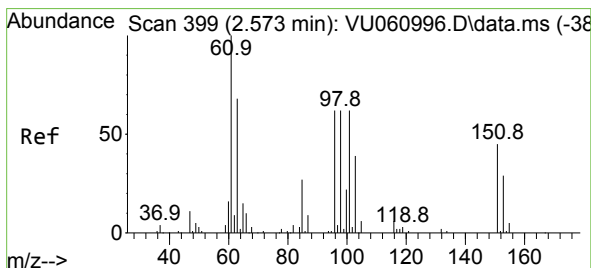
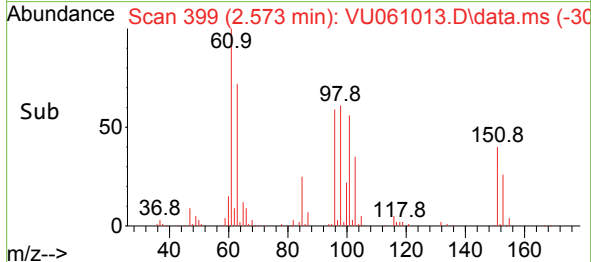
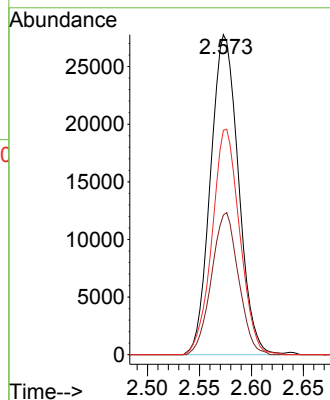
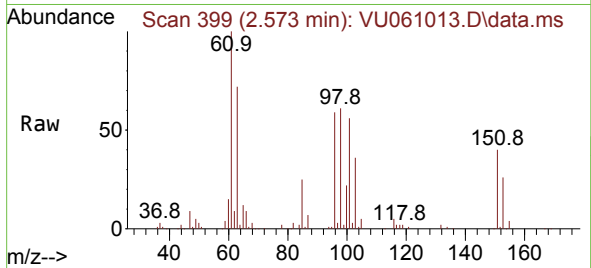




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.047 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

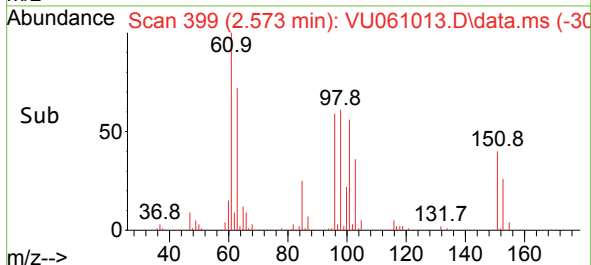
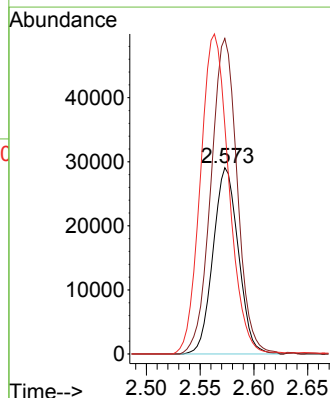
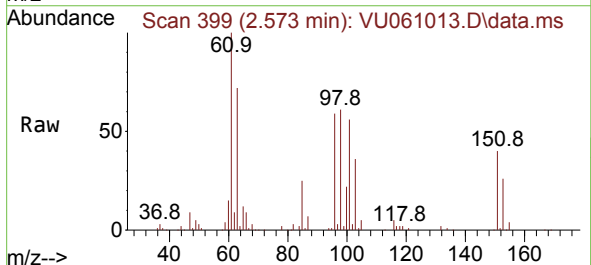
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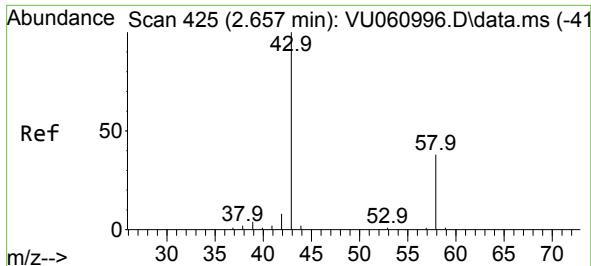
Tgt Ion:101 Resp: 51858
Ion Ratio Lower Upper
101 100
85 42.9 34.2 51.4
151 69.8 58.6 88.0



#12
1,1-Dichloroethene
Concen: 5.061 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

Tgt Ion: 96 Resp: 47485
Ion Ratio Lower Upper
96 100
61 169.4 120.7 224.1
63 122.6 90.0 167.2





#13

Acetone

Concen: 53.652 ug/L

RT: 2.660 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU061013.D

Acq: 26 Sep 2024 10:43

Instrument :

MSVOA_U

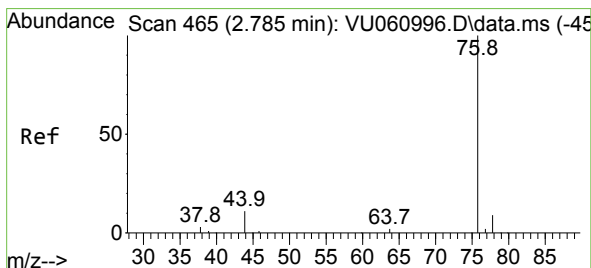
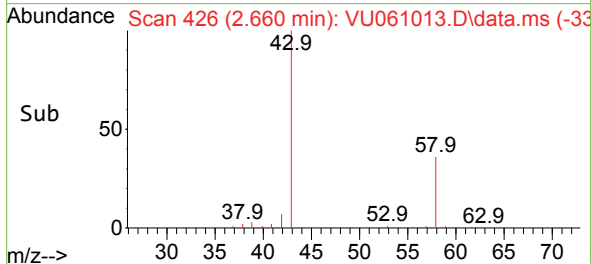
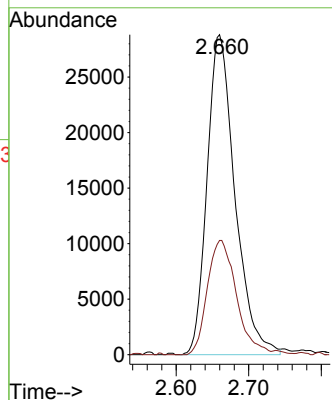
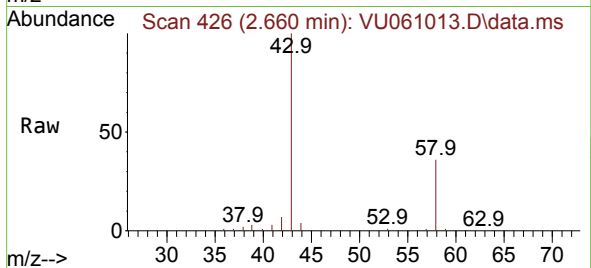
ClientSampleId :

Tgt Ion: 43 Resp: 77097

Ion Ratio Lower Upper

43 100

58 37.1 0.0 69.6



#14

Carbon disulfide

Concen: 4.539 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU061013.D

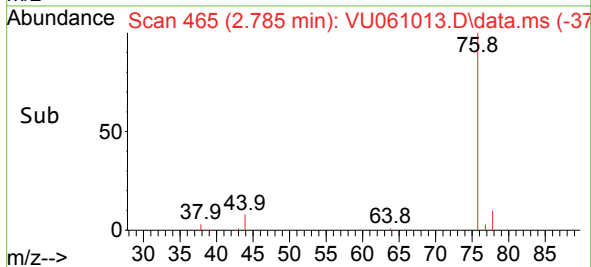
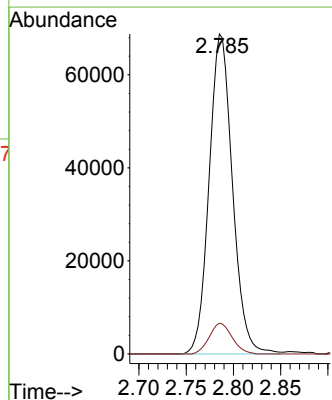
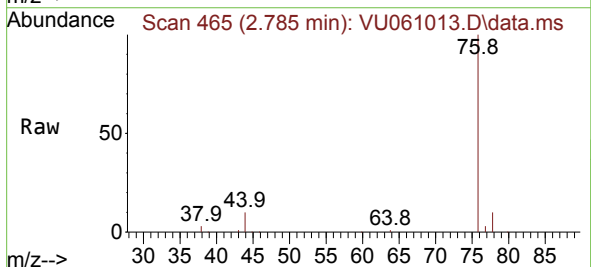
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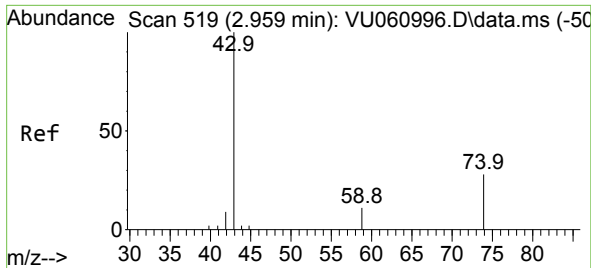
Tgt Ion: 76 Resp: 118166

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7

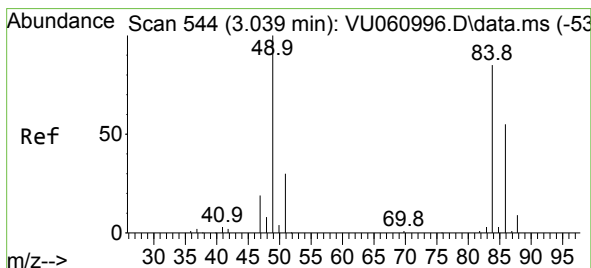
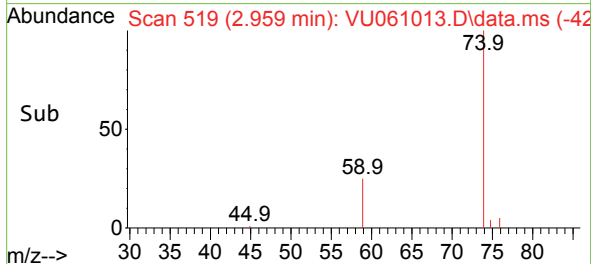
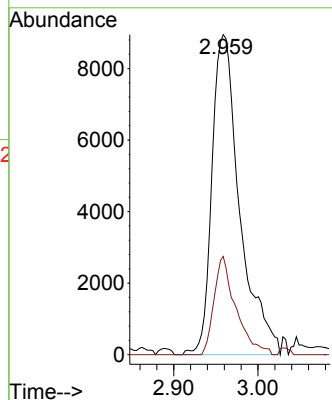
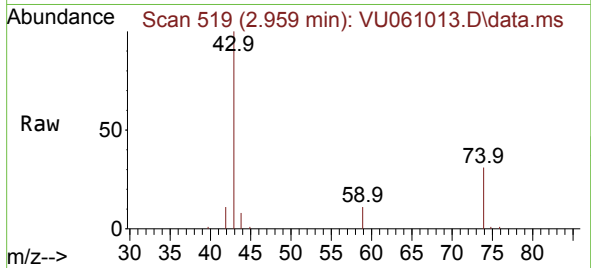




#15
Methyl Acetate
Concen: 5.845 ug/L
RT: 2.959 min Scan# 519
Delta R.T. -0.000 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

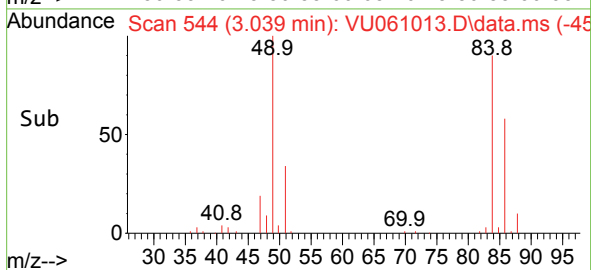
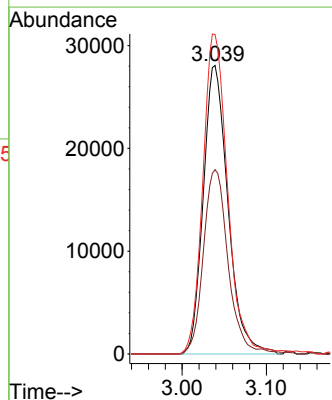
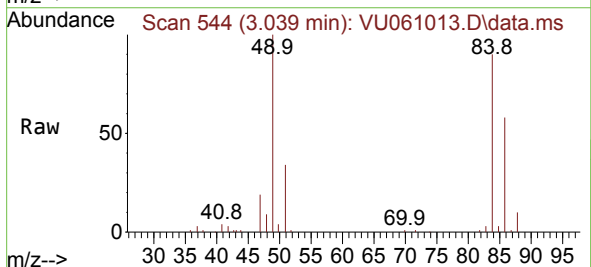
Instrument :
MSVOA_U
ClientSampleId :

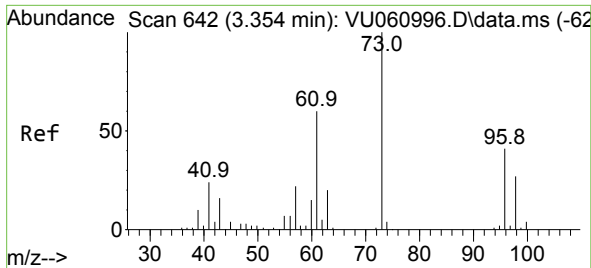
Tgt Ion: 43 Resp: 20479
Ion Ratio Lower Upper
43 100
74 24.1 18.9 28.3



#16
Methylene chloride
Concen: 5.270 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

Tgt Ion: 84 Resp: 57263
Ion Ratio Lower Upper
84 100
86 63.9 47.3 87.8
49 115.5 78.7 146.1

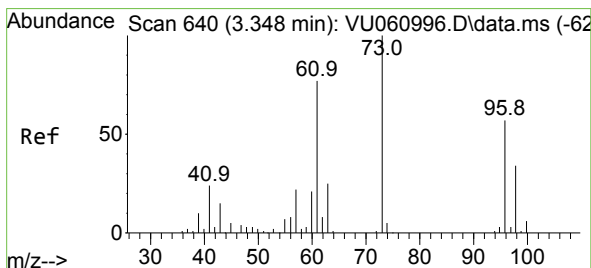
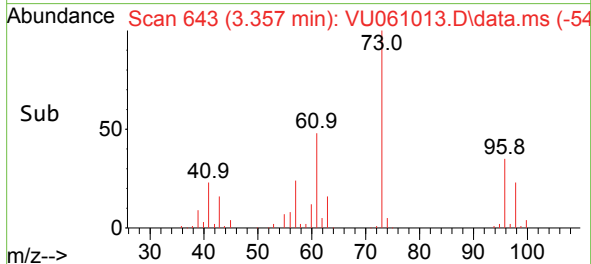
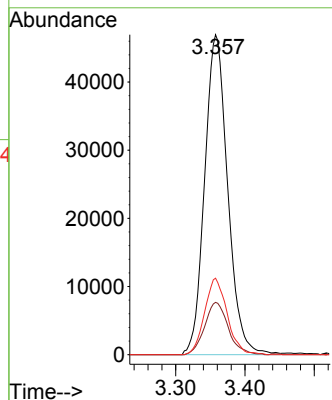
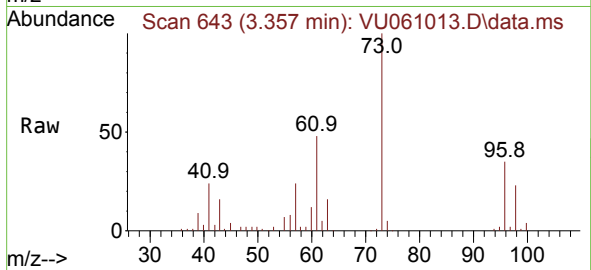




#17
Methyl tert-butyl Ether
Concen: 5.109 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

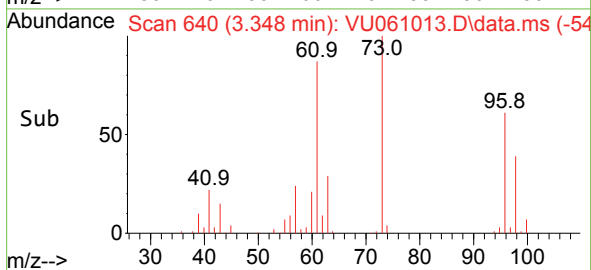
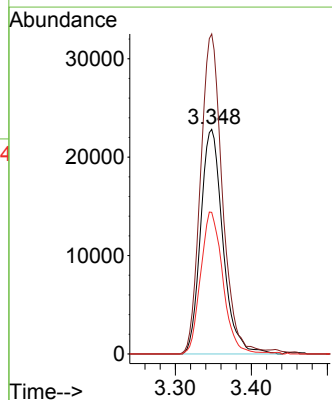
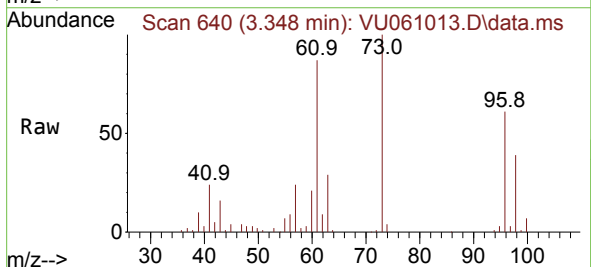
Instrument :
MSVOA_U
ClientSampleId :

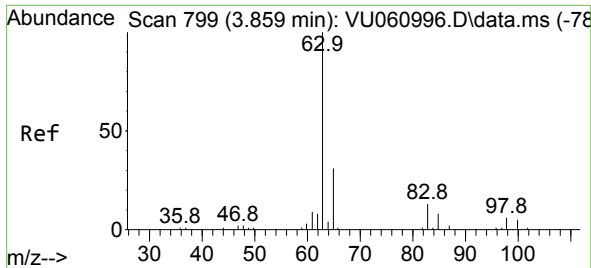
Tgt Ion: 73 Resp: 108355
Ion Ratio Lower Upper
73 100
43 16.8 13.8 20.8
57 23.4 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.774 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

Tgt Ion: 96 Resp: 46418
Ion Ratio Lower Upper
96 100
61 142.4 97.2 180.6
98 63.1 43.3 80.5

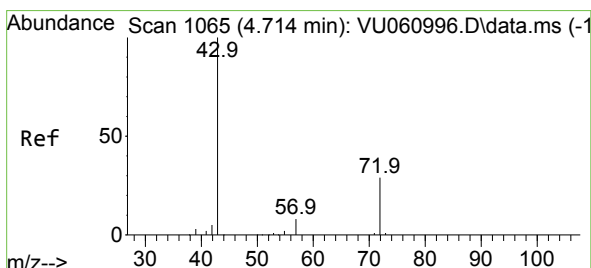
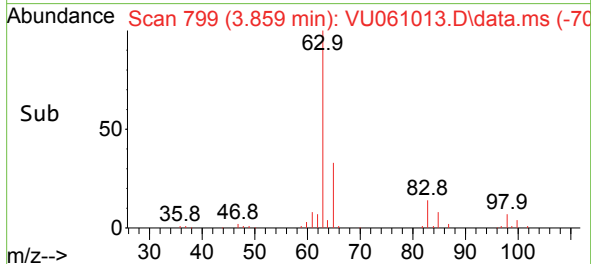
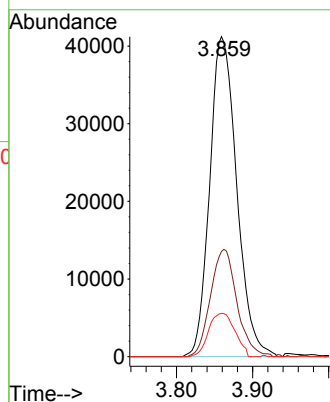
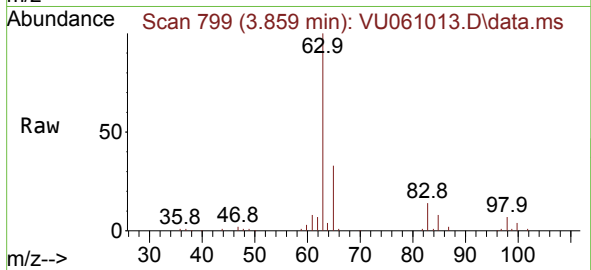




#19
1,1-Dichloroethane
Concen: 5.209 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

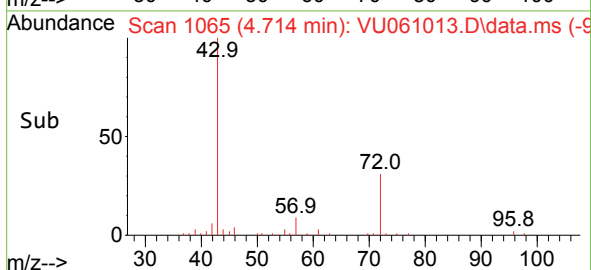
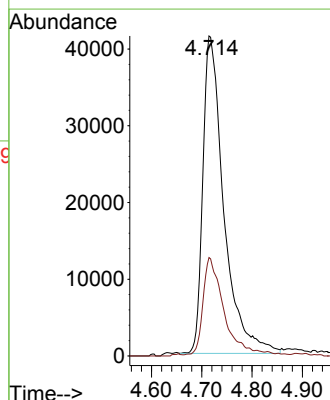
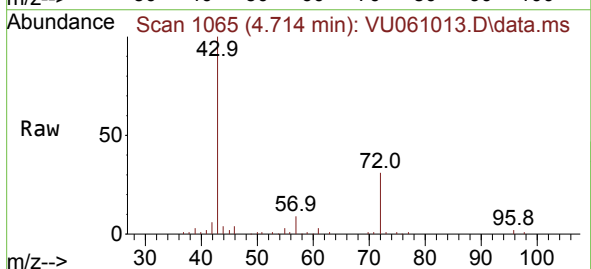
Instrument :
MSVOA_U
ClientSampleId :

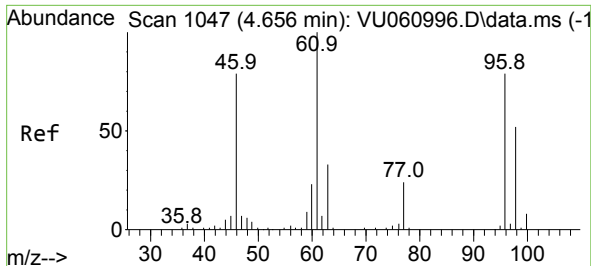
Tgt Ion: 63 Resp: 101684
Ion Ratio Lower Upper
63 100
65 31.5 23.0 42.8
83 13.0 9.0 16.6



#21
2-Butanone
Concen: 51.254 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

Tgt Ion: 43 Resp: 119891
Ion Ratio Lower Upper
43 100
72 29.2 14.8 44.3





#22

cis-1,2-Dichloroethene

Concen: 4.947 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.000 min

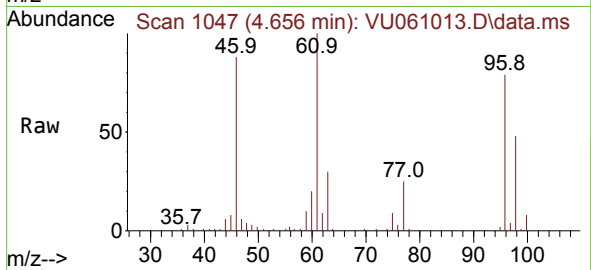
Lab File: VU061013.D

Acq: 26 Sep 2024 10:43

Instrument :

MSVOA_U

ClientSampleId :



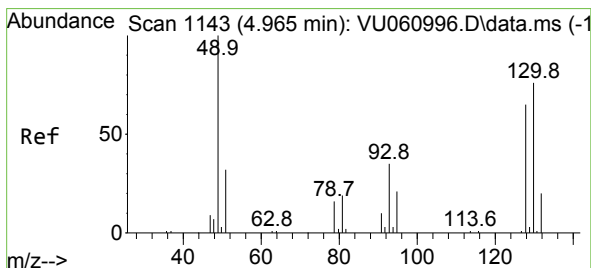
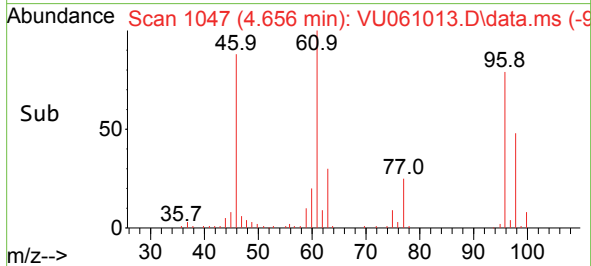
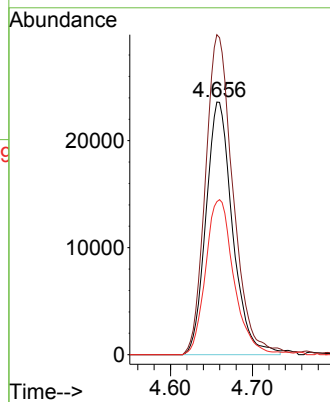
Tgt Ion: 96 Resp: 53231

Ion Ratio Lower Upper

96 100

61 126.6 89.7 166.5

98 60.5 45.1 83.9



#23

Bromochloromethane

Concen: 4.997 ug/L

RT: 4.972 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VU061013.D

Acq: 26 Sep 2024 10:43

Tgt Ion:128 Resp: 25394

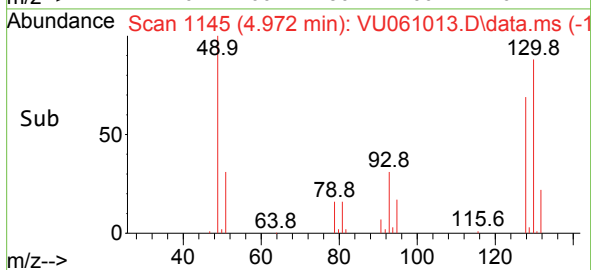
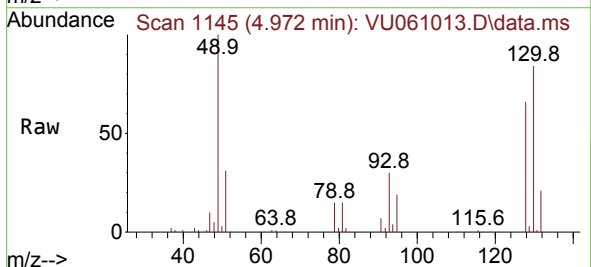
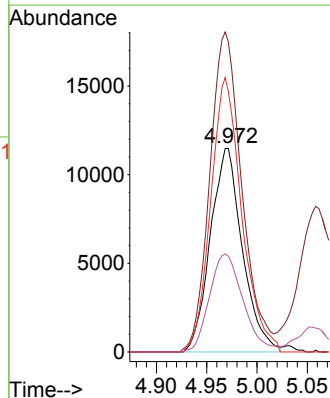
Ion Ratio Lower Upper

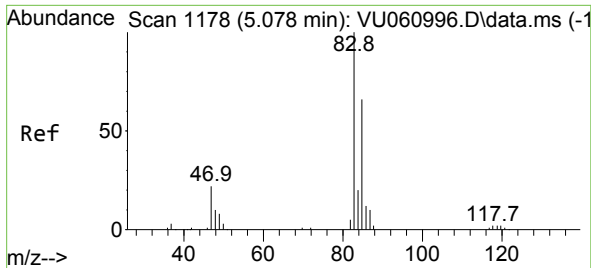
128 100

49 152.2 109.6 203.6

130 128.0 87.8 163.0

51 47.0 37.3 55.9

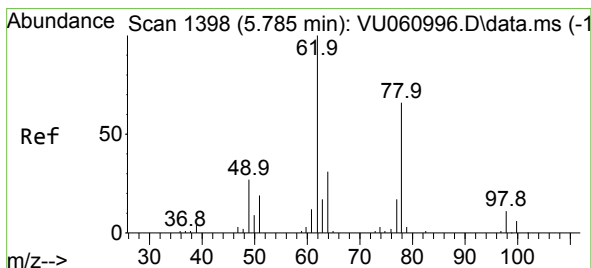
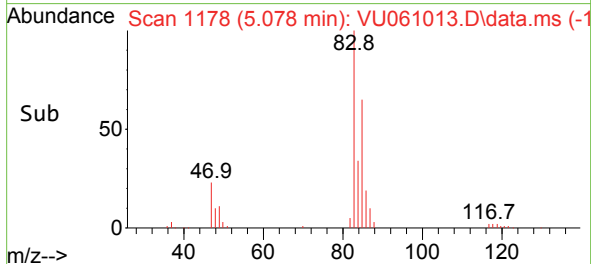
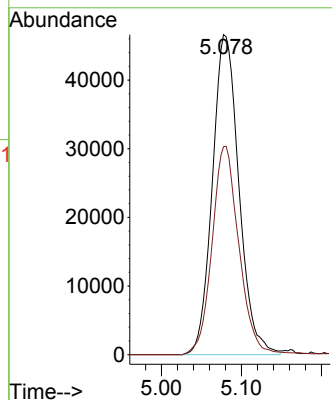
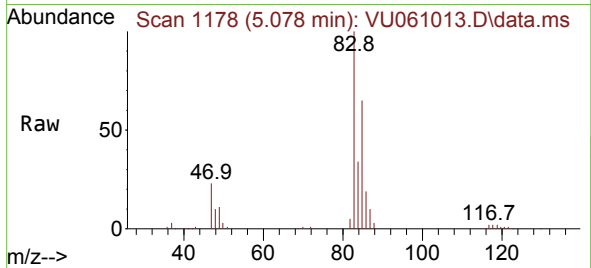




#25
Chloroform
Concen: 5.281 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

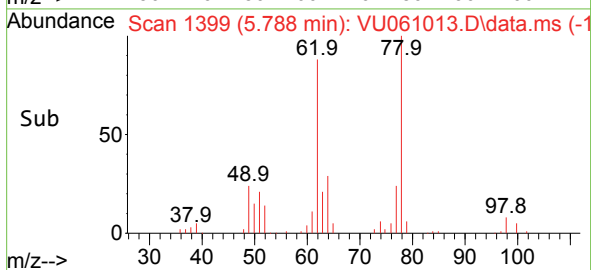
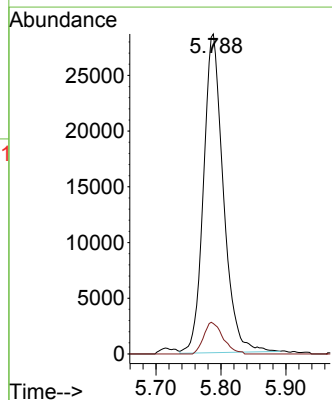
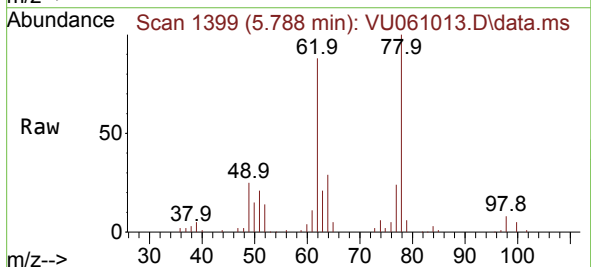
Instrument :
MSVOA_U
ClientSampleId :

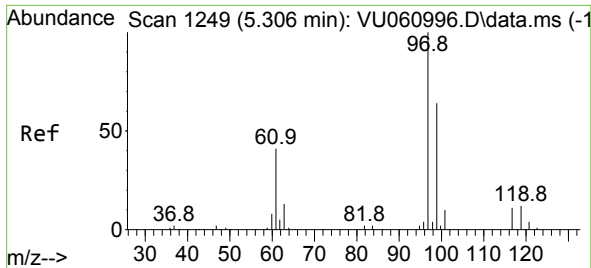
Tgt Ion: 83 Resp: 107492
Ion Ratio Lower Upper
83 100
85 65.0 46.8 86.8



#27
1,2-Dichloroethane
Concen: 5.159 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

Tgt Ion: 62 Resp: 60846
Ion Ratio Lower Upper
62 100
98 9.5 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.892 ug/L

RT: 5.309 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061013.D

Acq: 26 Sep 2024 10:43

Instrument :

MSVOA_U

ClientSampleId :

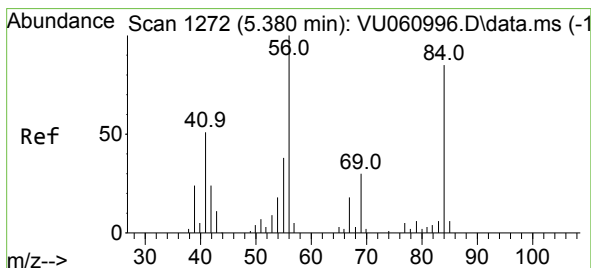
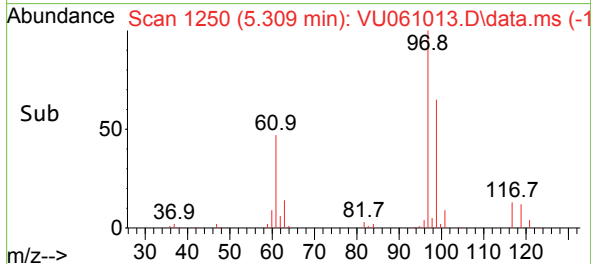
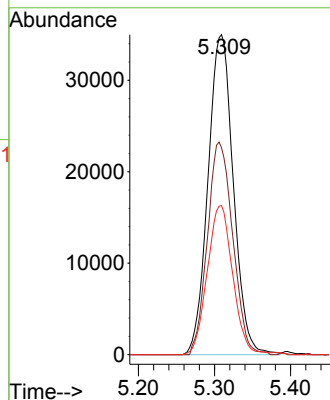
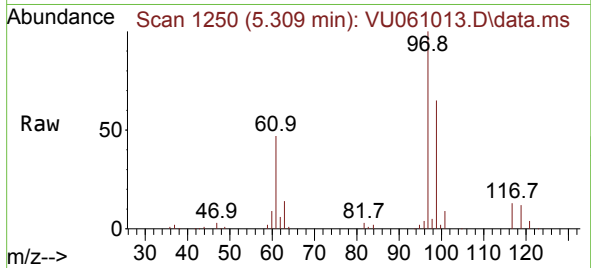
Tgt Ion: 97 Resp: 81064

Ion Ratio Lower Upper

97 100

99 66.4 50.5 75.7

61 46.7 34.4 51.6



#30

Cyclohexane

Concen: 4.542 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VU061013.D

Acq: 26 Sep 2024 10:43

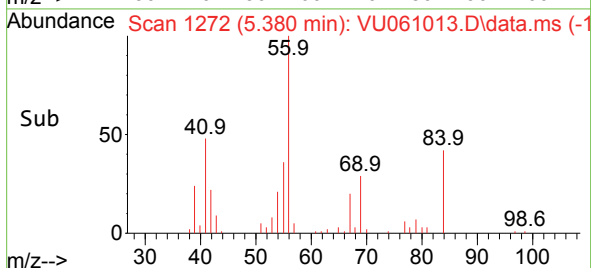
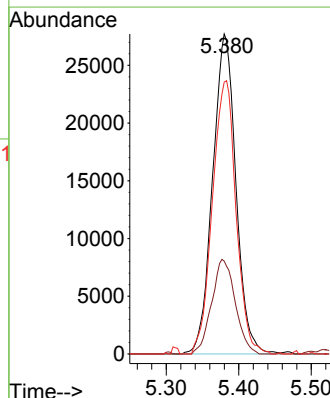
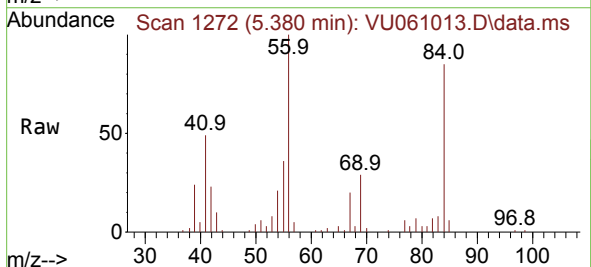
Tgt Ion: 56 Resp: 61864

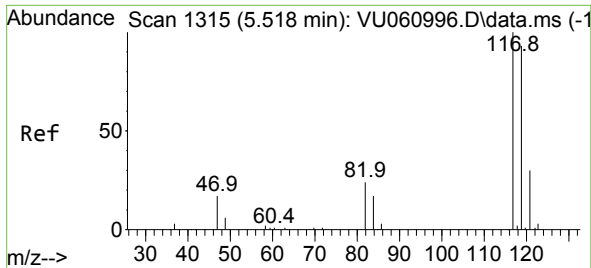
Ion Ratio Lower Upper

56 100

69 29.9 25.4 38.0

84 86.7 71.0 106.6

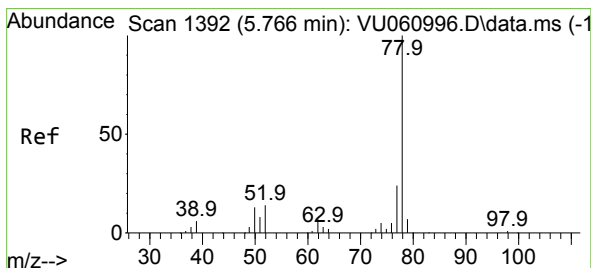
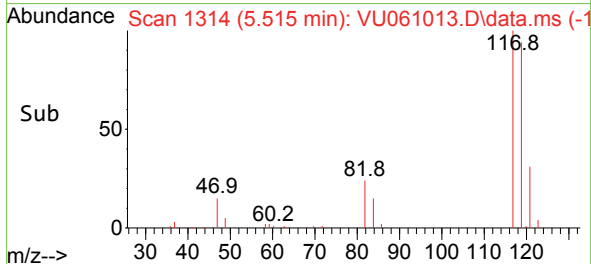
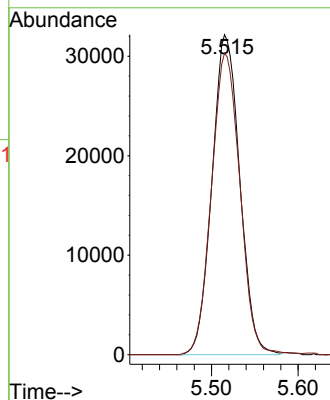
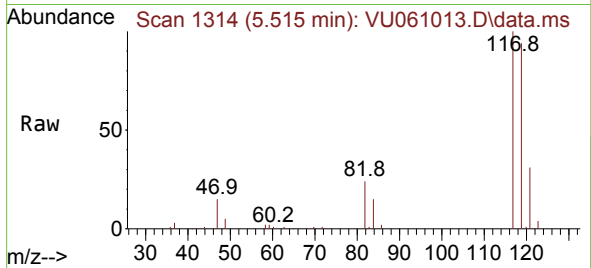




#31
Carbon tetrachloride
Concen: 4.878 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

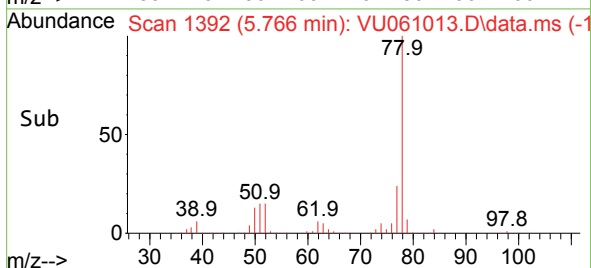
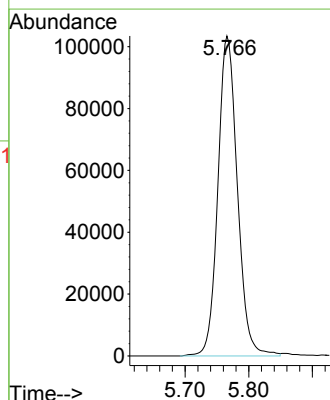
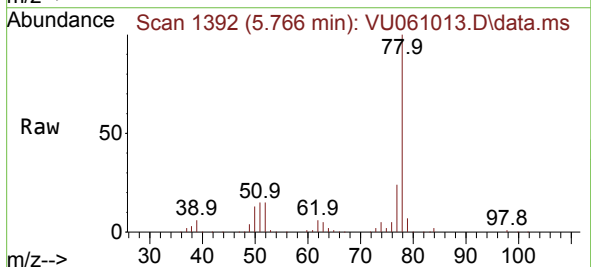
Instrument :
MSVOA_U
ClientSampleId :

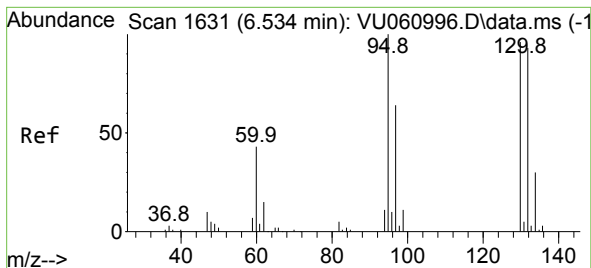
Tgt Ion:117 Resp: 71561
Ion Ratio Lower Upper
117 100
119 96.5 76.3 114.5



#33
Benzene
Concen: 5.216 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

Tgt Ion: 78 Resp: 220108





#34

Trichloroethene

Concen: 4.851 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061013.D

Acq: 26 Sep 2024 10:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 53665

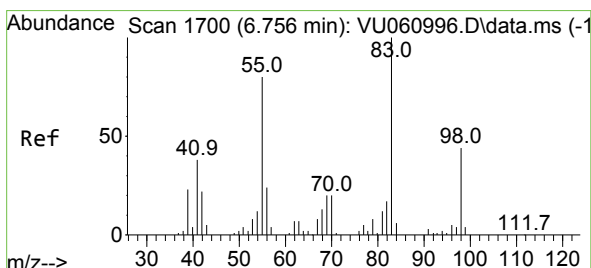
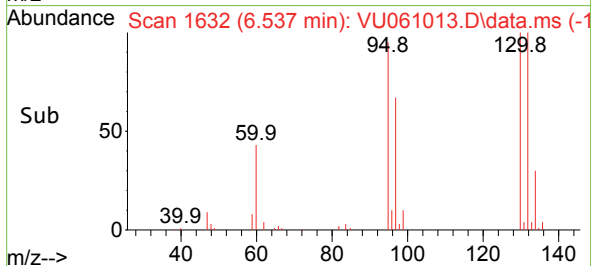
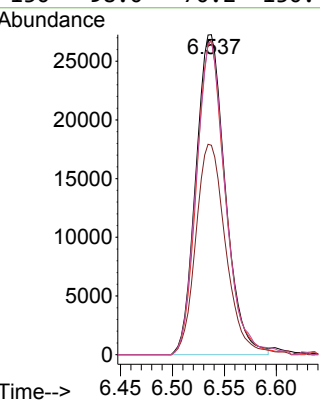
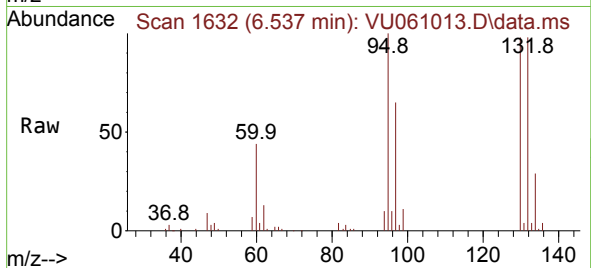
Ion Ratio Lower Upper

95 100

97 65.4 44.9 83.5

132 98.2 63.5 117.9

130 98.0 70.2 130.4



#35

Methylcyclohexane

Concen: 4.210 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU061013.D

Acq: 26 Sep 2024 10:43

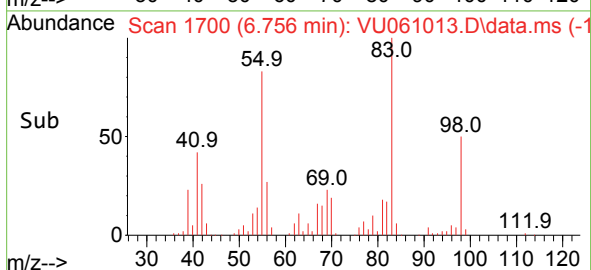
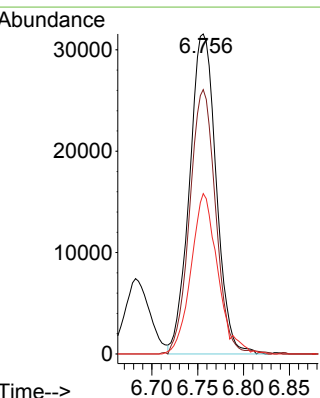
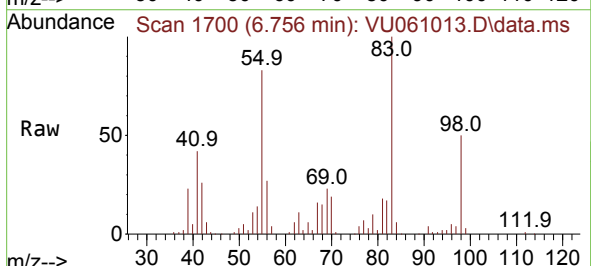
Tgt Ion: 83 Resp: 63892

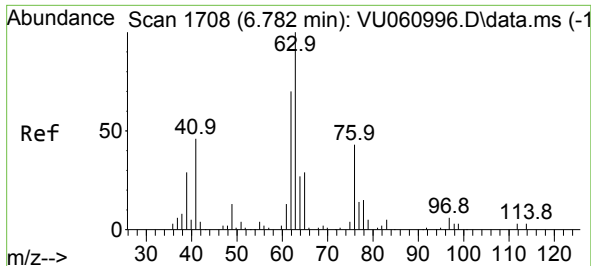
Ion Ratio Lower Upper

83 100

55 80.4 62.6 94.0

98 50.1 37.6 56.4

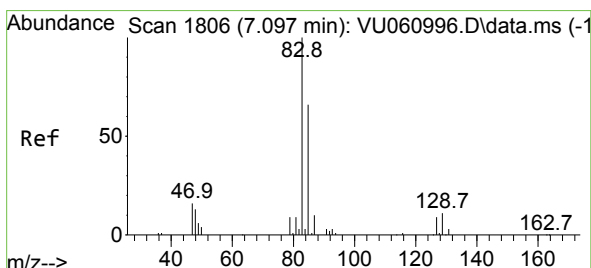
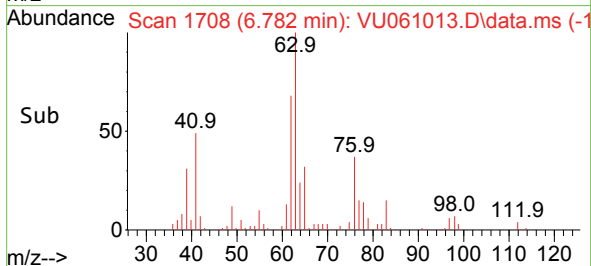
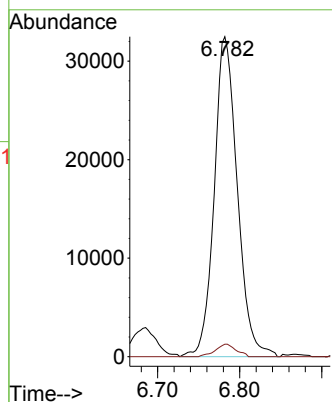
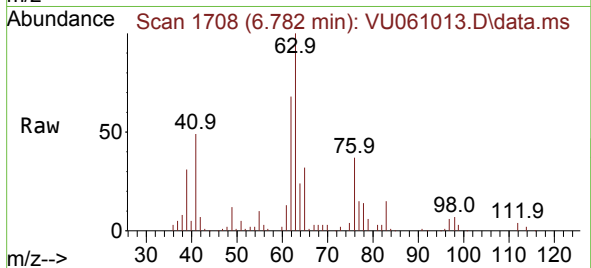




#37
1,2-Dichloropropane
Concen: 5.478 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

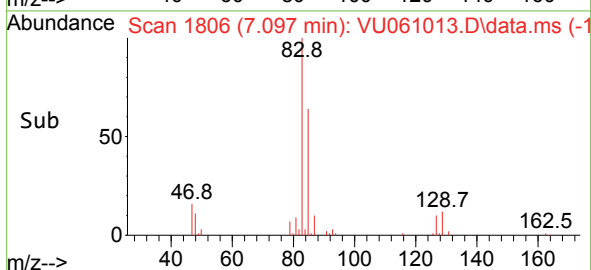
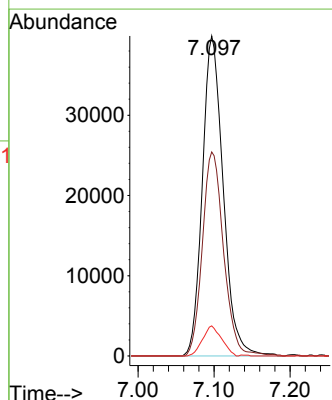
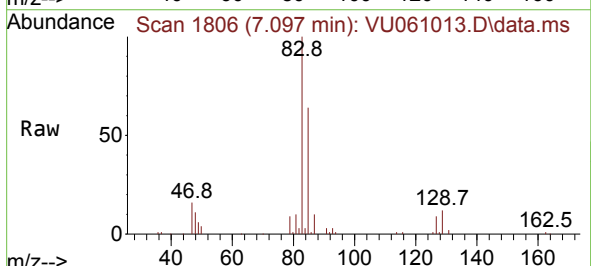
Instrument :
MSVOA_U
ClientSampleId :

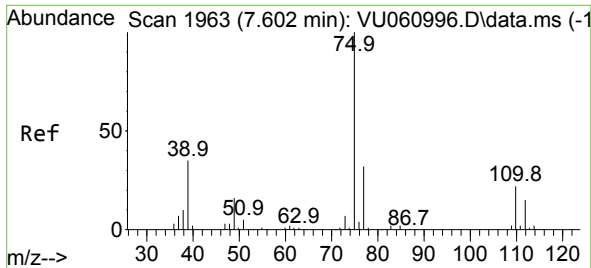
Tgt Ion: 63 Resp: 63698
Ion Ratio Lower Upper
63 100
112 3.5 2.0 3.0#



#38
Bromodichloromethane
Concen: 5.324 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

Tgt Ion: 83 Resp: 75945
Ion Ratio Lower Upper
83 100
85 63.8 45.6 84.8
127 9.4 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.916 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU061013.D

Acq: 26 Sep 2024 10:43

Instrument :

MSVOA_U

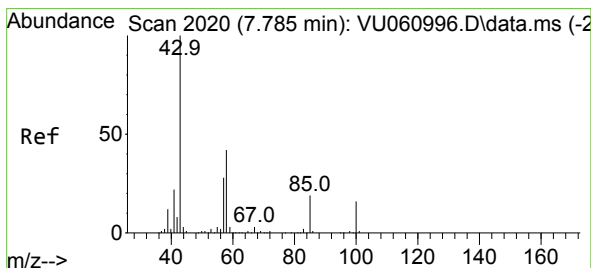
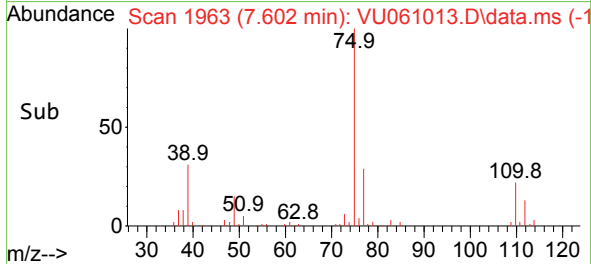
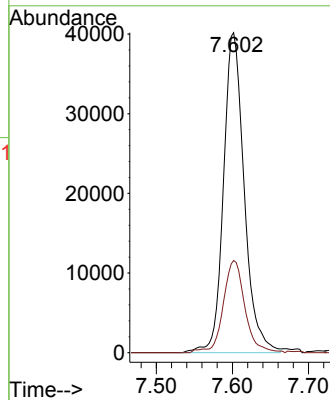
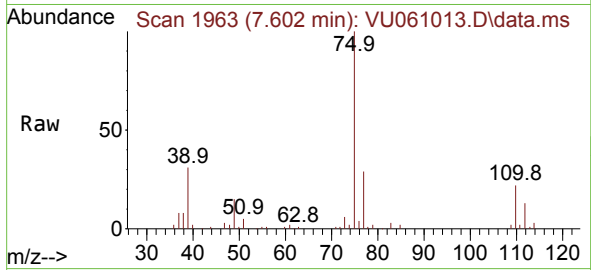
ClientSampleId :

Tgt Ion: 75 Resp: 76039

Ion Ratio Lower Upper

75 100

77 28.8 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 55.372 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU061013.D

Acq: 26 Sep 2024 10:43

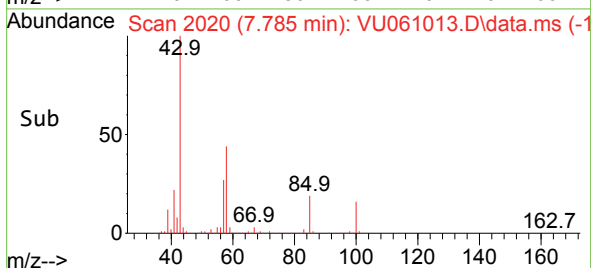
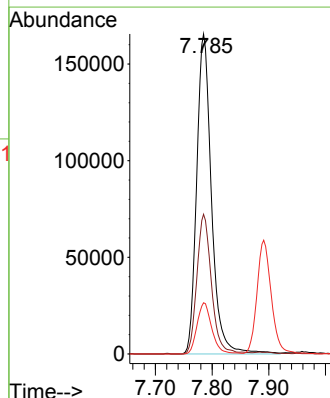
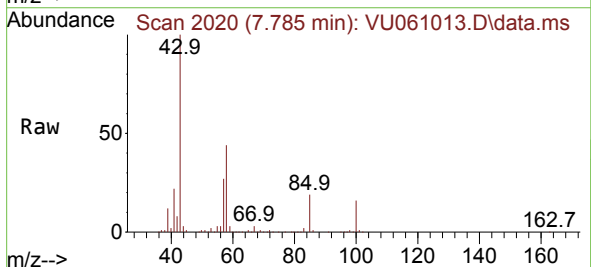
Tgt Ion: 43 Resp: 300682

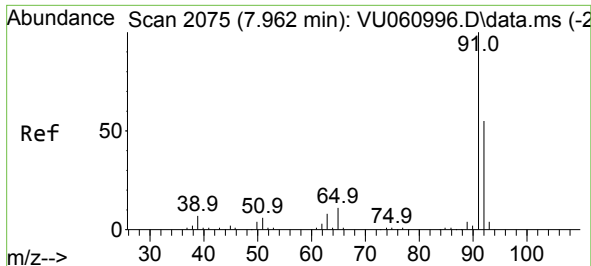
Ion Ratio Lower Upper

43 100

58 42.9 34.9 52.3

100 15.9 13.4 20.0





#42

Toluene

Concen: 5.324 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061013.D

Acq: 26 Sep 2024 10:43

Instrument :

MSVOA_U

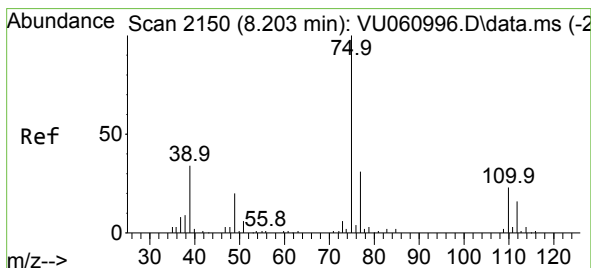
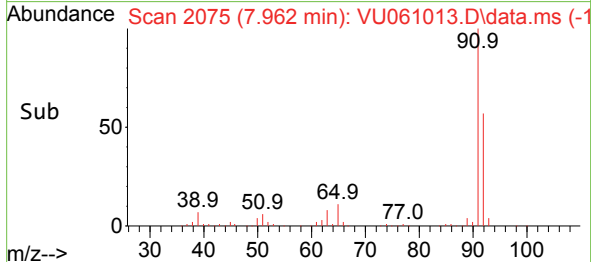
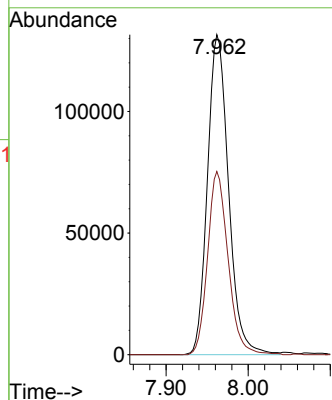
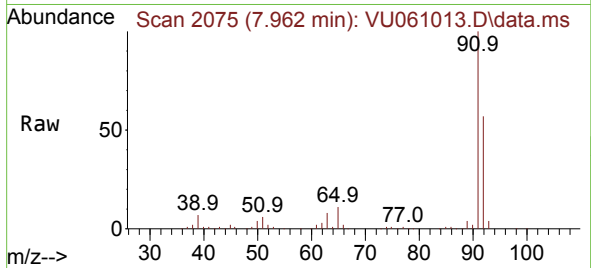
ClientSampleId :

Tgt Ion: 91 Resp: 234936

Ion Ratio Lower Upper

91 100

92 57.3 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.906 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU061013.D

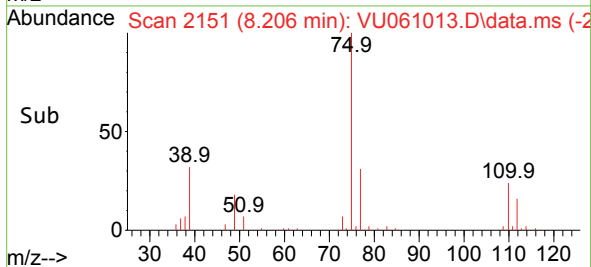
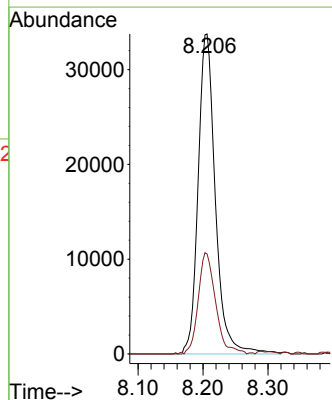
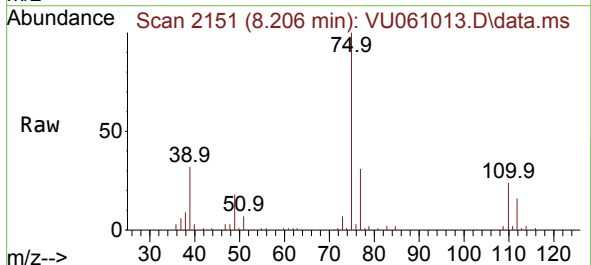
Acq: 26 Sep 2024 10:43

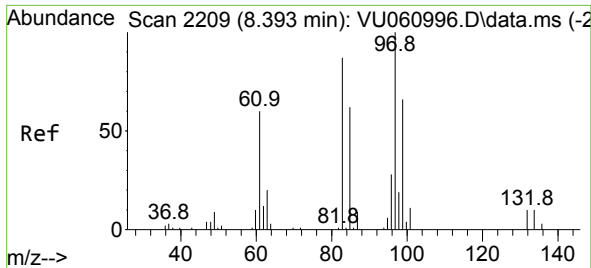
Tgt Ion: 75 Resp: 62392

Ion Ratio Lower Upper

75 100

77 31.3 23.1 42.9

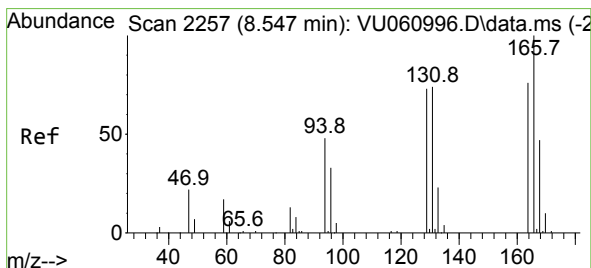
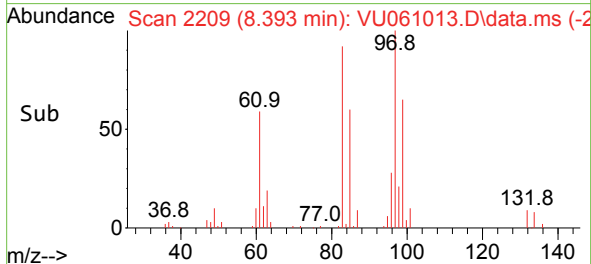
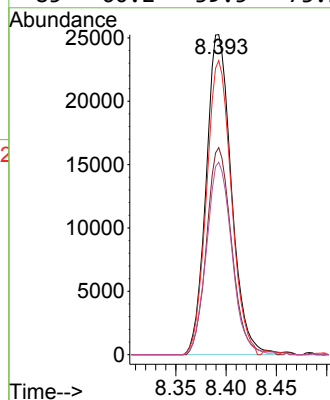
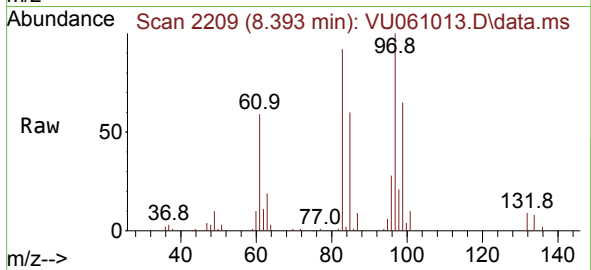




#45
1,1,2-Trichloroethane
Concen: 5.256 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

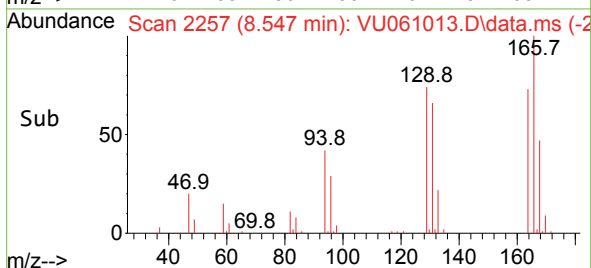
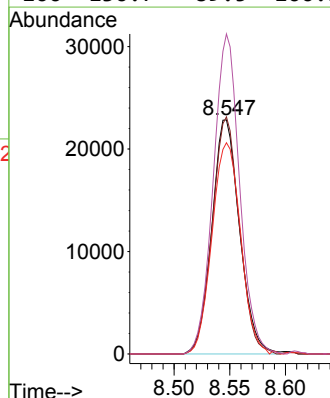
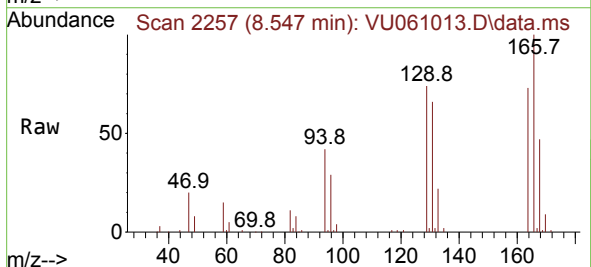
Instrument :
MSVOA_U
ClientSampleId :

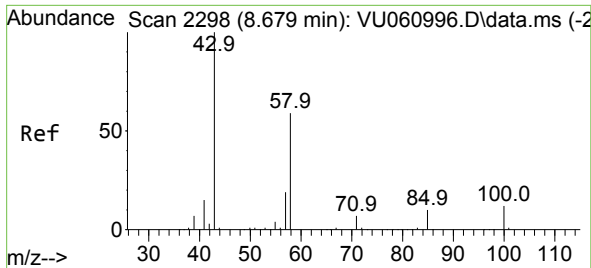
Tgt Ion:	97	Resp:	44130
Ion	Ratio	Lower	Upper
97	100		
99	64.7	42.3	78.5
83	91.9	61.7	114.5
85	60.2	39.5	73.3



#47
Tetrachloroethene
Concen: 4.506 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

Tgt Ion:	164	Resp:	39618
Ion	Ratio	Lower	Upper
164	100		
129	101.3	67.3	124.9
131	90.3	65.4	121.4
166	136.7	89.5	166.1



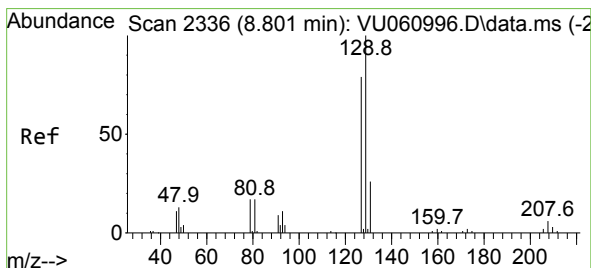
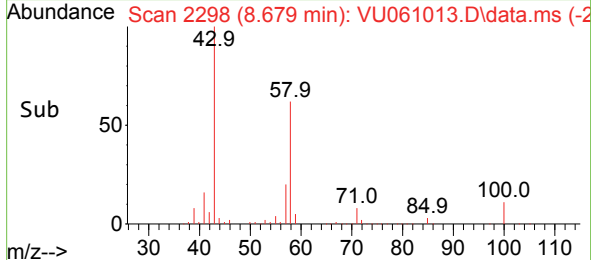
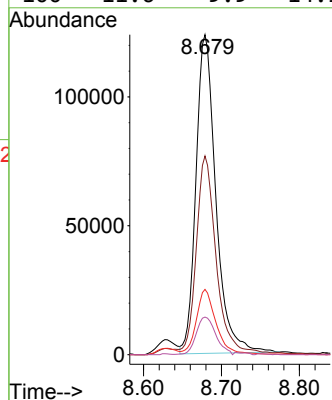
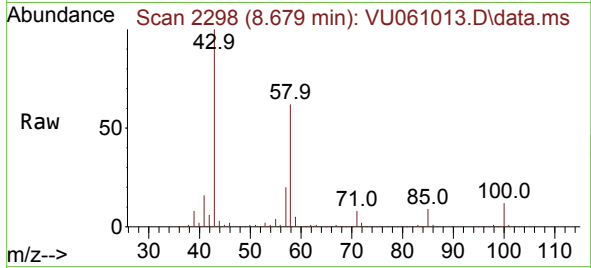


#48
2-Hexanone
Concen: 55.543 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 219847

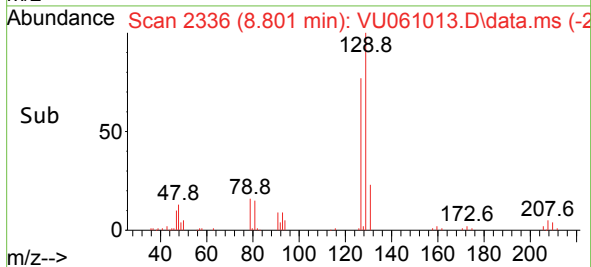
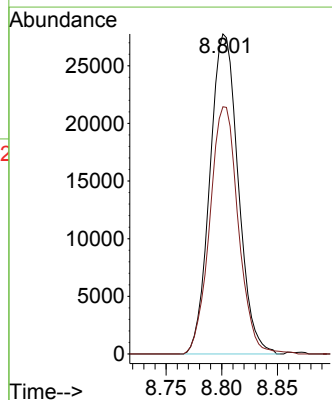
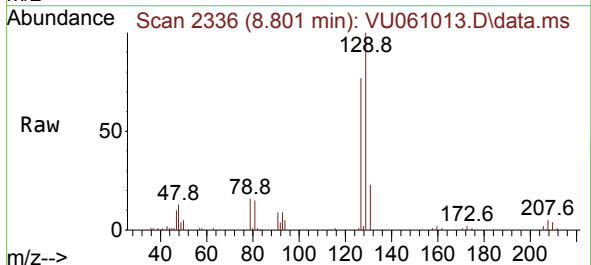
Ion	Ratio	Lower	Upper
43	100		
58	61.2	48.3	72.5
57	20.1	15.9	23.9
100	11.6	9.9	14.9

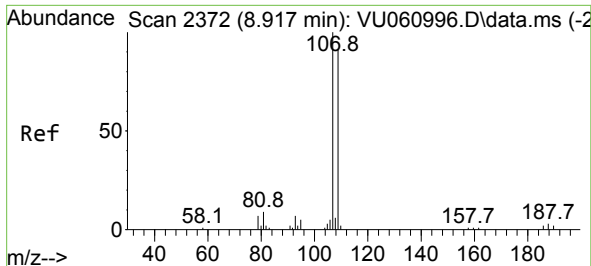


#49
Dibromochloromethane
Concen: 5.135 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

Tgt Ion: 129 Resp: 49073

Ion	Ratio	Lower	Upper
129	100		
127	77.3	56.1	104.1





#50

1,2-Dibromoethane

Concen: 5.429 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.000 min

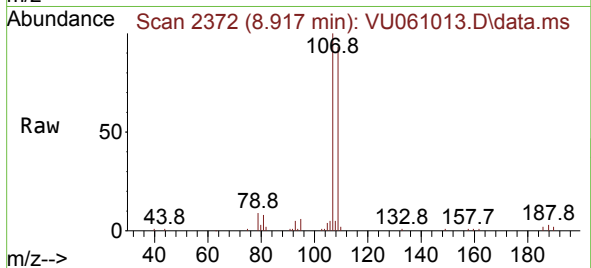
Lab File: VU061013.D

Acq: 26 Sep 2024 10:43

Instrument :

MSVOA_U

ClientSampleId :



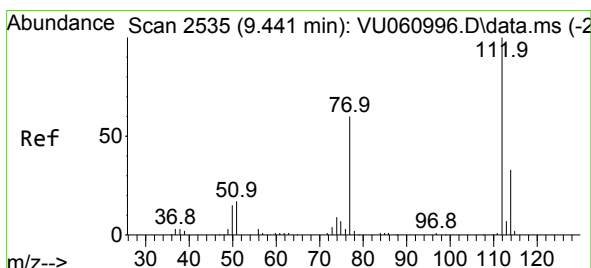
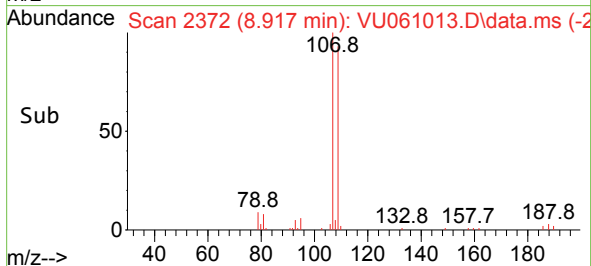
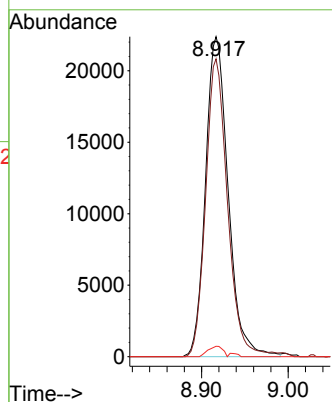
Tgt Ion:107 Resp: 40673

Ion Ratio Lower Upper

107 100

109 93.0 66.8 124.0

188 3.2 3.4 5.0#



#51

Chlorobenzene

Concen: 4.920 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU061013.D

Acq: 26 Sep 2024 10:43

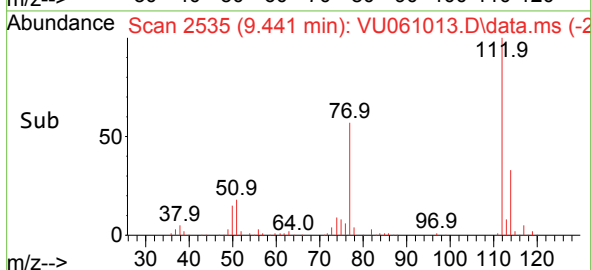
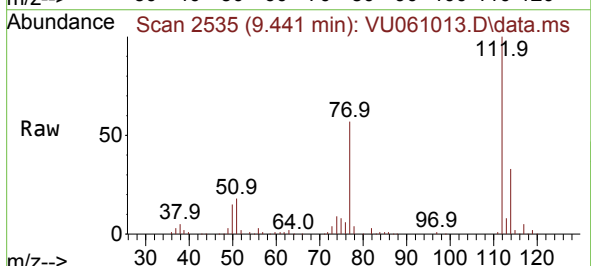
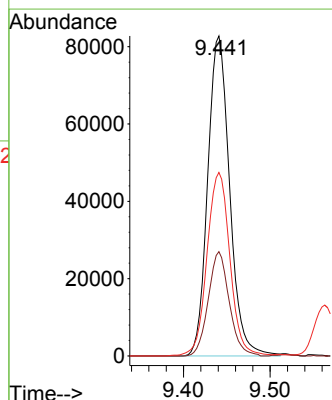
Tgt Ion:112 Resp: 145778

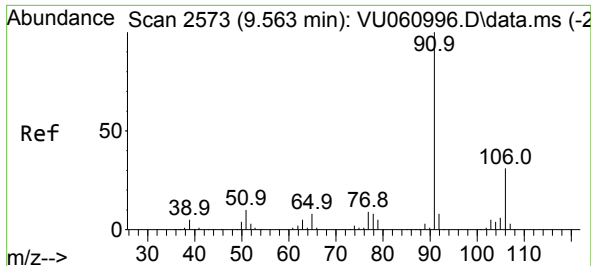
Ion Ratio Lower Upper

112 100

114 32.6 22.2 41.2

77 57.3 46.1 69.1

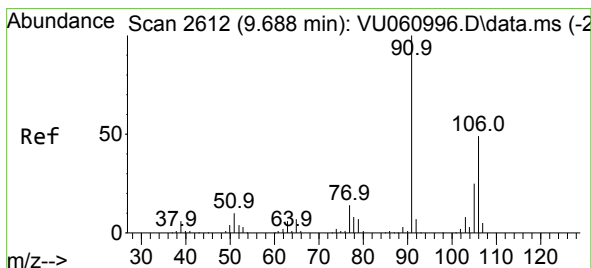
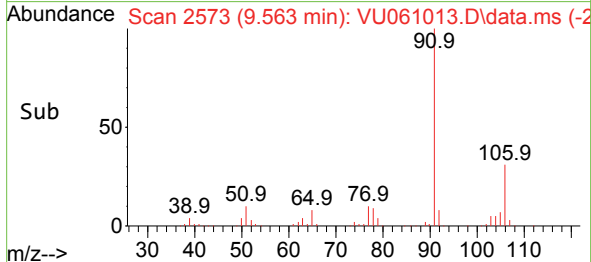
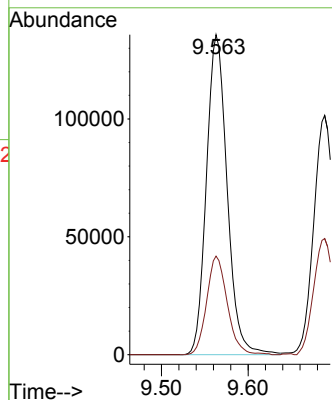
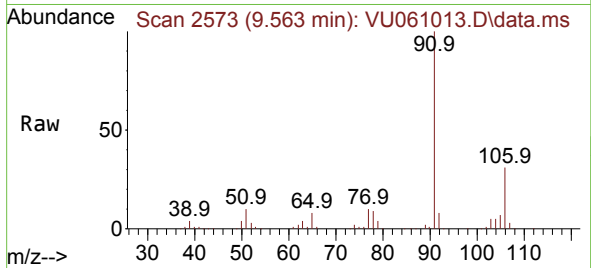




#52
Ethylbenzene
Concen: 4.850 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

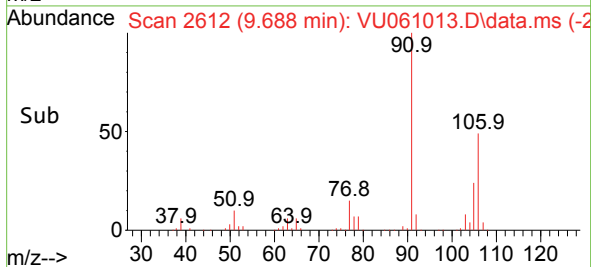
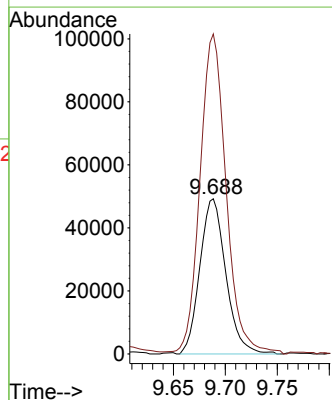
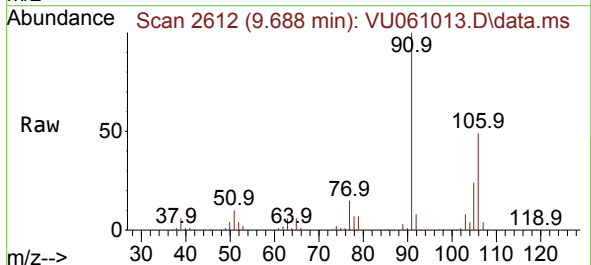
Instrument :
MSVOA_U
ClientSampleId :

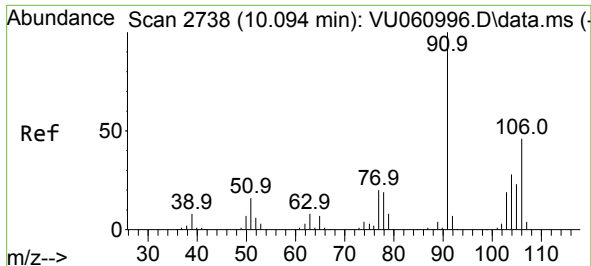
Tgt Ion: 91 Resp: 225286
Ion Ratio Lower Upper
91 100
106 30.8 21.8 40.6



#53
m,p-Xylene
Concen: 4.862 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

Tgt Ion:106 Resp: 85642
Ion Ratio Lower Upper
106 100
91 206.1 139.7 259.4

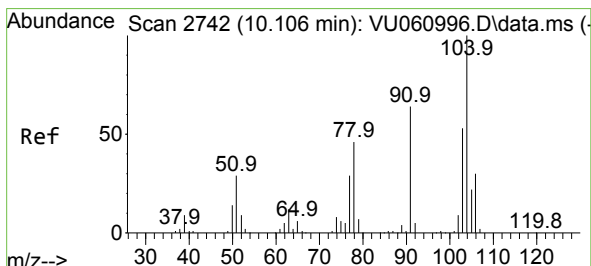
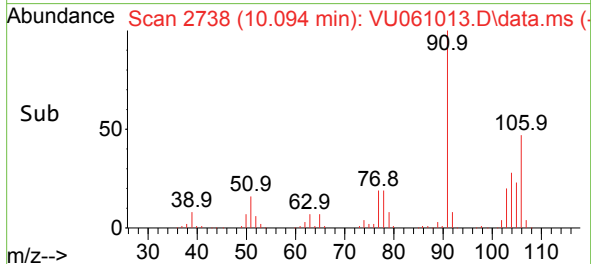
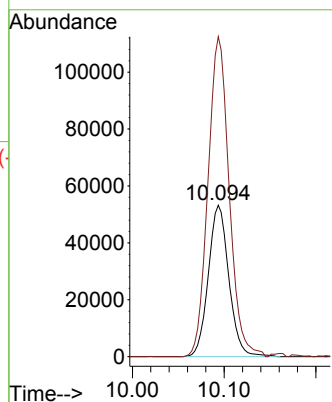
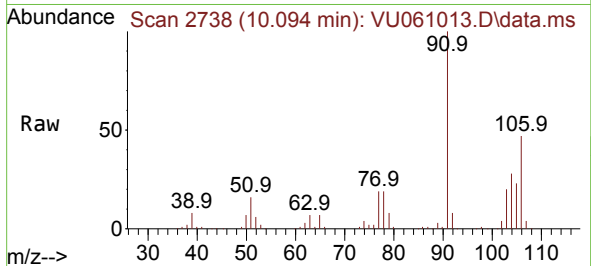




#54
o-Xylene
Concen: 4.768 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

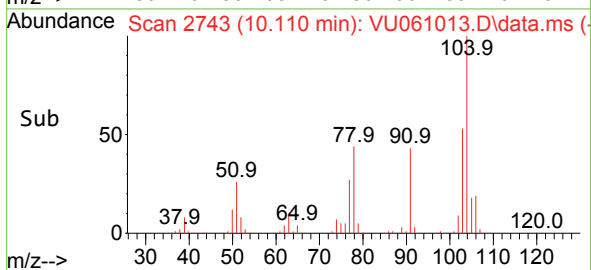
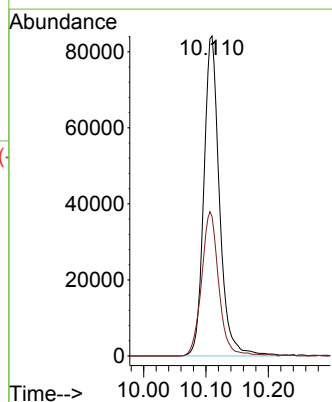
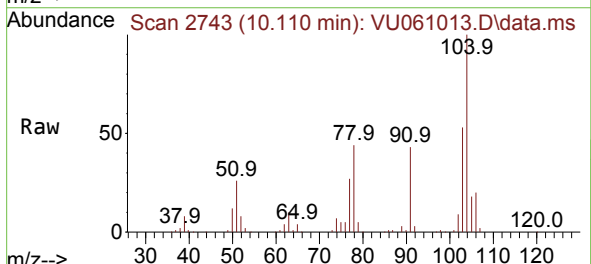
Instrument :
MSVOA_U
ClientSampleId :

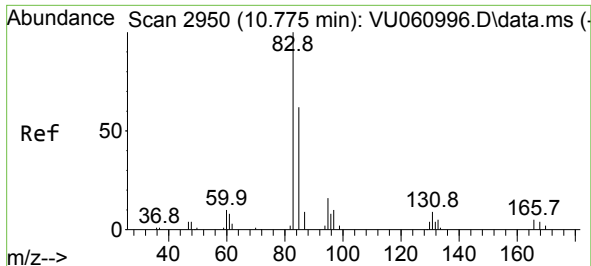
Tgt Ion:106 Resp: 82865
Ion Ratio Lower Upper
106 100
91 211.3 148.6 276.0



#55
Styrene
Concen: 5.019 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

Tgt Ion:104 Resp: 147033
Ion Ratio Lower Upper
104 100
78 43.6 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.423 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU061013.D

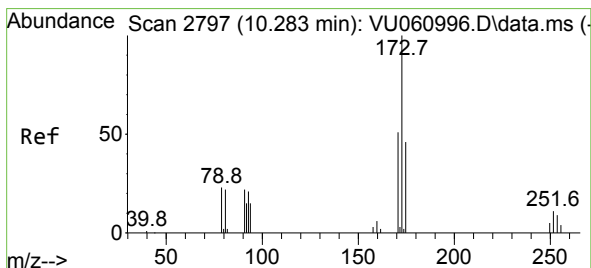
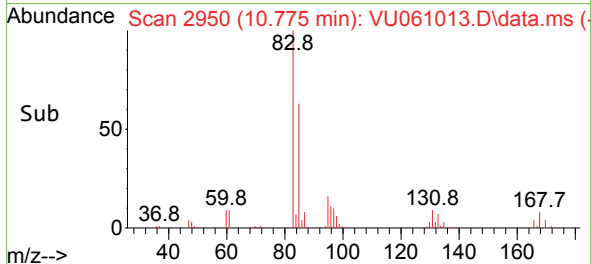
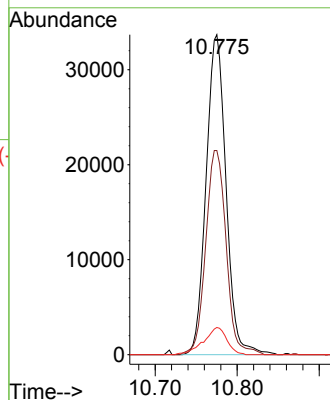
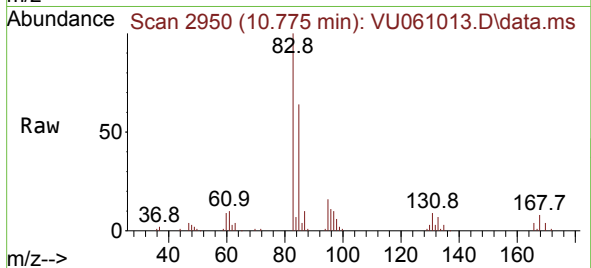
Acq: 26 Sep 2024 10:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	56785
Ion	Ratio	Lower	Upper
83	100		
85	63.8	42.9	79.7
131	8.5	8.4	12.6



#59

Bromoform

Concen: 5.149 ug/L

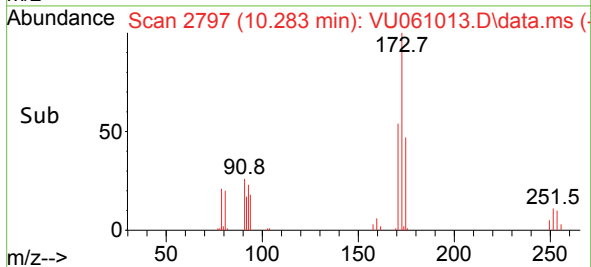
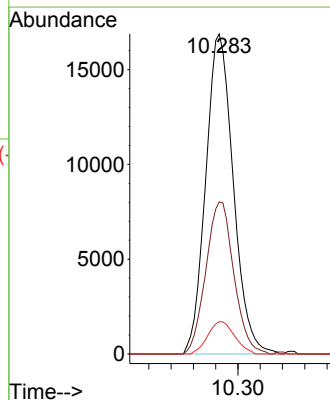
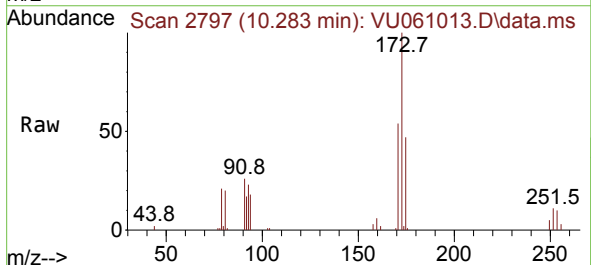
RT: 10.283 min Scan# 2797

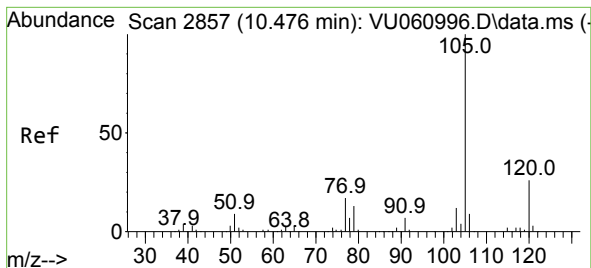
Delta R.T. -0.000 min

Lab File: VU061013.D

Acq: 26 Sep 2024 10:43

Tgt Ion:	173	Resp:	29025
Ion	Ratio	Lower	Upper
173	100		
175	48.1	39.1	58.7
254	9.8	8.7	13.1





#60

Isopropylbenzene

Concen: 4.991 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061013.D

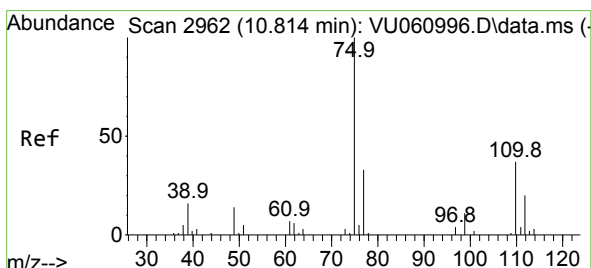
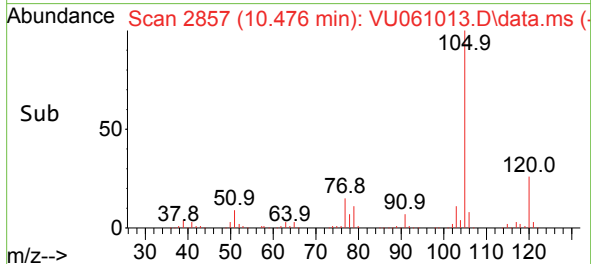
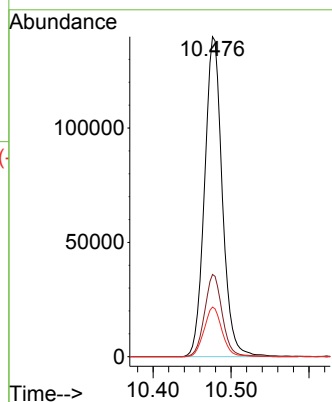
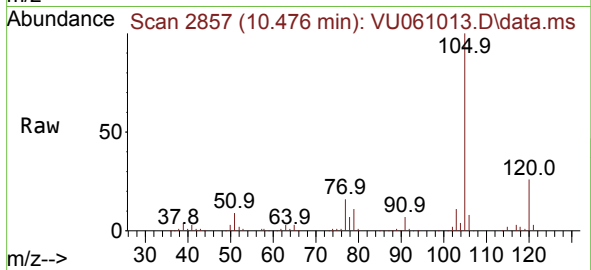
Acq: 26 Sep 2024 10:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	221214
Ion Ratio	Lower	Upper	
105	100		
120	25.7	21.5	32.3
77	15.7	12.6	18.8



#61

1,2,3-Trichloropropane

Concen: 5.429 ug/L

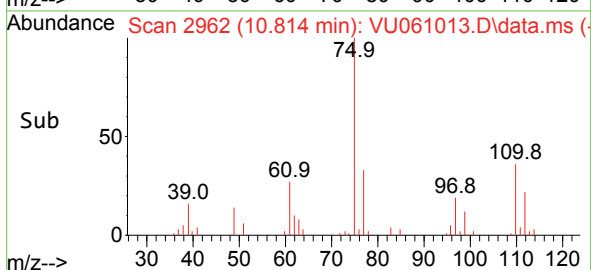
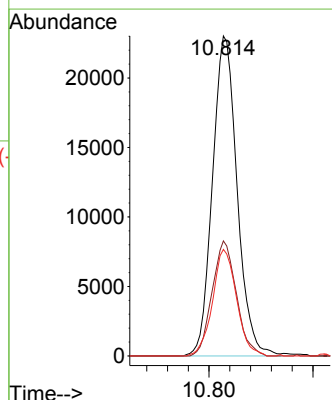
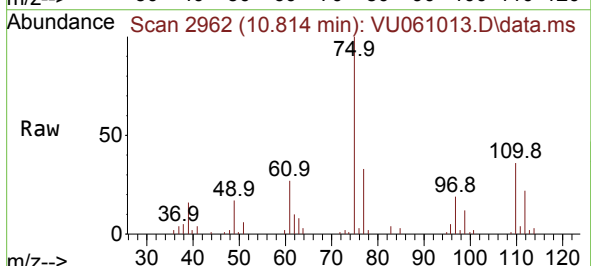
RT: 10.814 min Scan# 2962

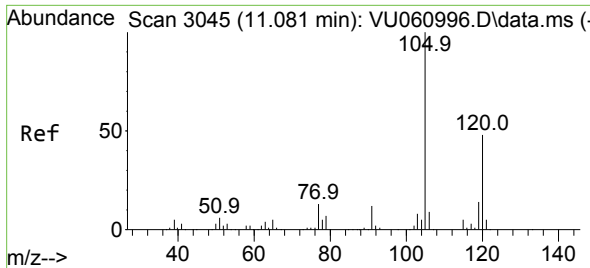
Delta R.T. -0.000 min

Lab File: VU061013.D

Acq: 26 Sep 2024 10:43

Tgt Ion:	75	Resp:	37872
Ion Ratio	Lower	Upper	
75	100		
110	35.3	28.6	43.0
77	32.5	26.3	39.5

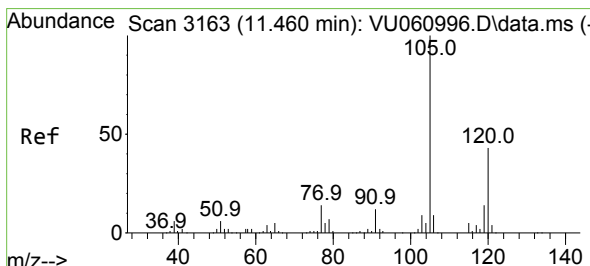
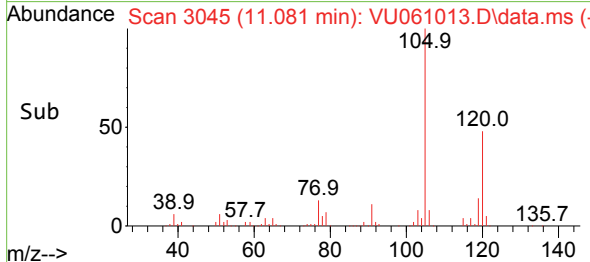
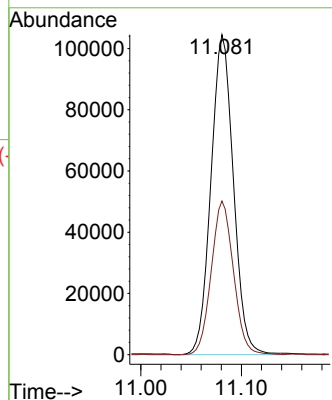
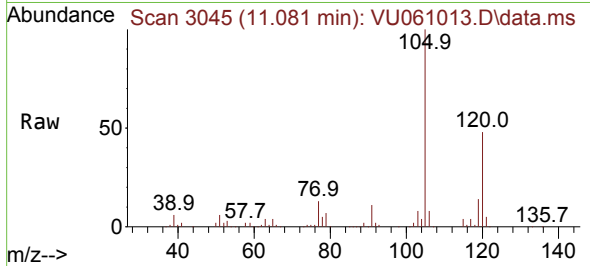




#62
1,3,5-Trimethylbenzene
Concen: 4.707 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

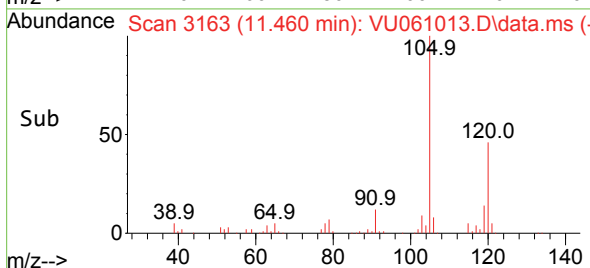
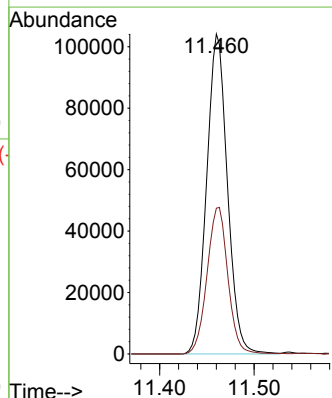
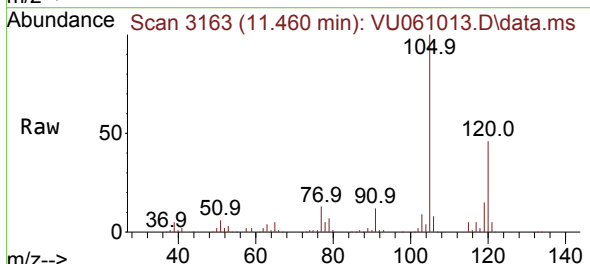
Instrument :
MSVOA_U
ClientSampleId :

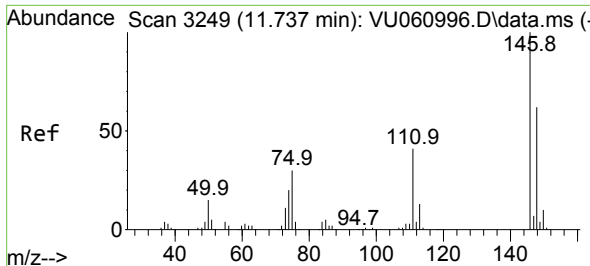
Tgt Ion:105 Resp: 162137
Ion Ratio Lower Upper
105 100
120 47.5 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 4.664 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

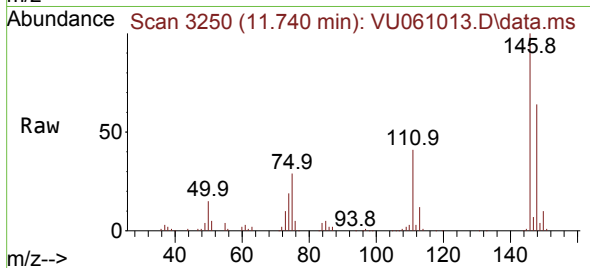
Tgt Ion:105 Resp: 158747
Ion Ratio Lower Upper
105 100
120 46.1 36.1 54.1



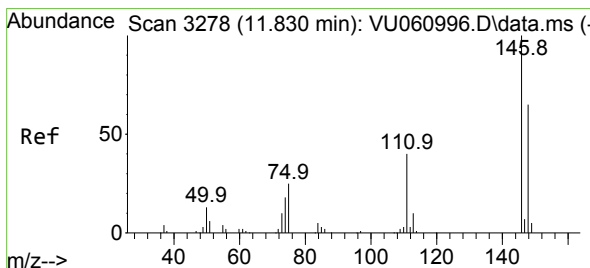
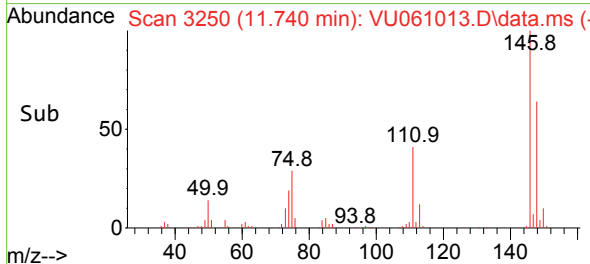
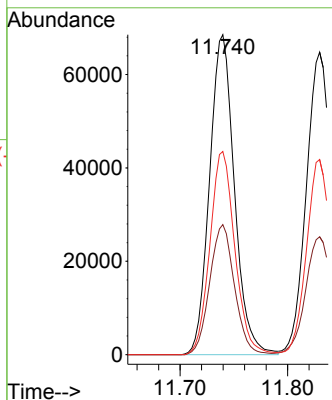


#64
1,3-Dichlorobenzene
Concen: 4.936 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

Instrument :
MSVOA_U
ClientSampleId :

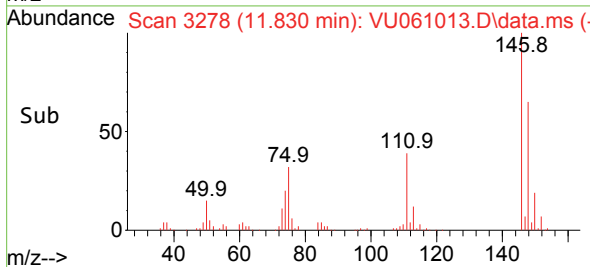
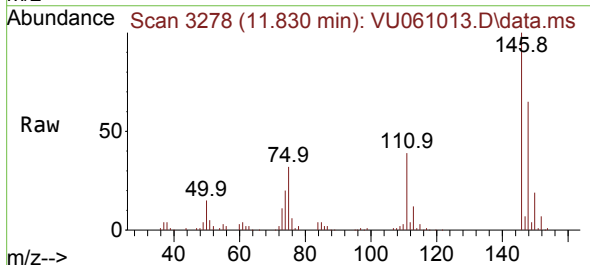
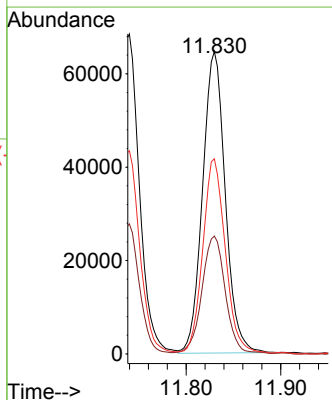


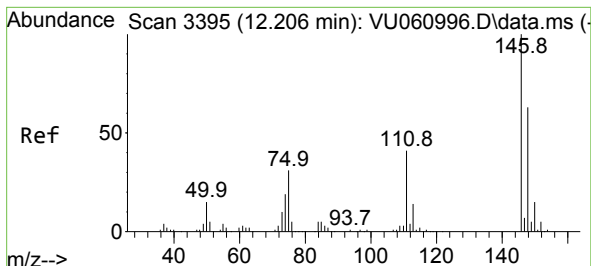
Tgt Ion:146 Resp: 110018
Ion Ratio Lower Upper
146 100
111 40.7 27.5 51.1
148 63.5 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 4.671 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

Tgt Ion:146 Resp: 107601
Ion Ratio Lower Upper
146 100
111 38.9 26.3 48.9
148 64.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.910 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

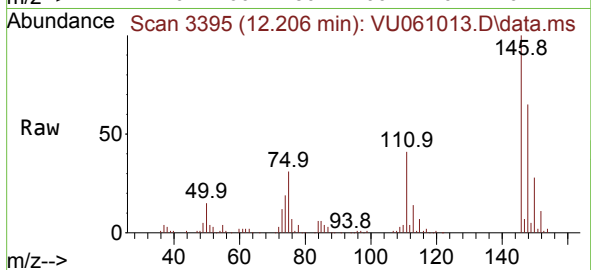
Lab File: VU061013.D

Acq: 26 Sep 2024 10:43

Instrument :

MSVOA_U

ClientSampleId :



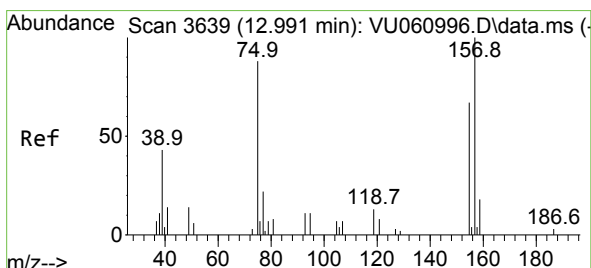
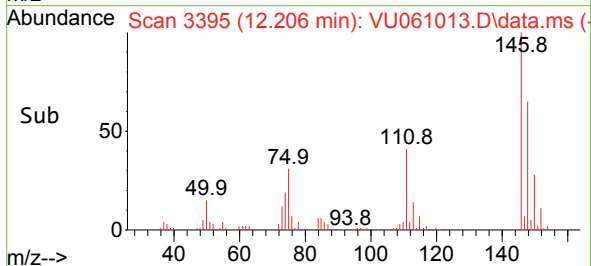
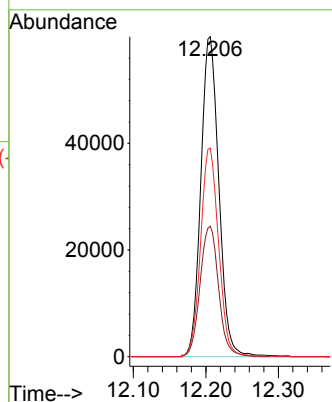
Tgt Ion:146 Resp: 103475

Ion Ratio Lower Upper

146 100

111 40.7 33.4 50.0

148 65.2 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.166 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU061013.D

Acq: 26 Sep 2024 10:43

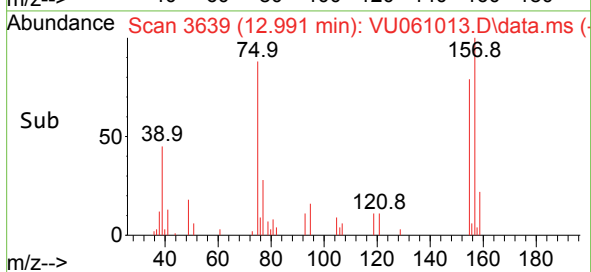
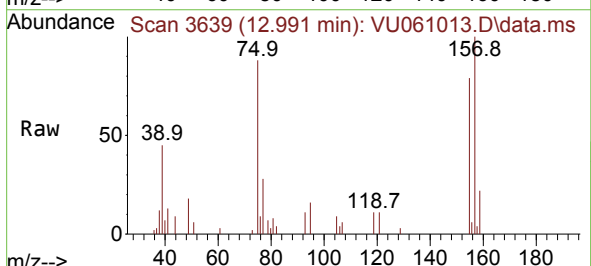
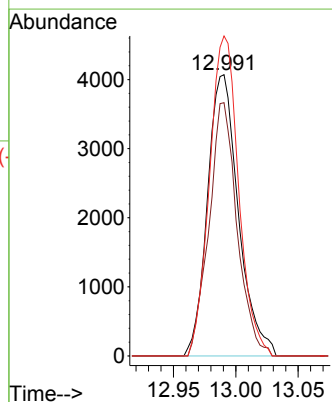
Tgt Ion: 75 Resp: 7037

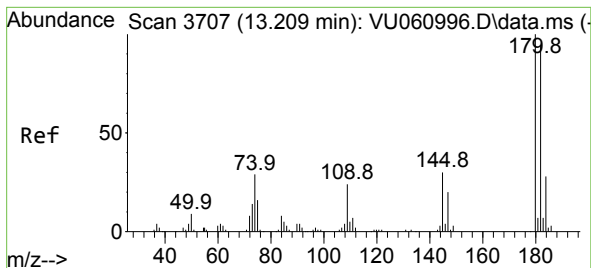
Ion Ratio Lower Upper

75 100

155 90.0 73.1 109.7

157 113.8 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 4.333 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.003 min

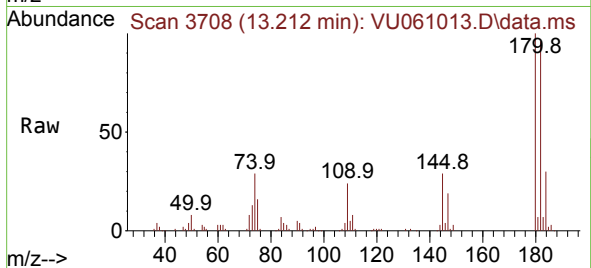
Lab File: VU061013.D

Acq: 26 Sep 2024 10:43

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 72231

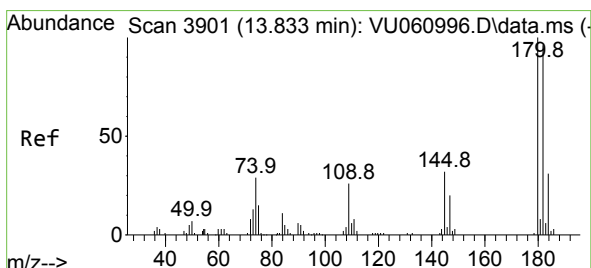
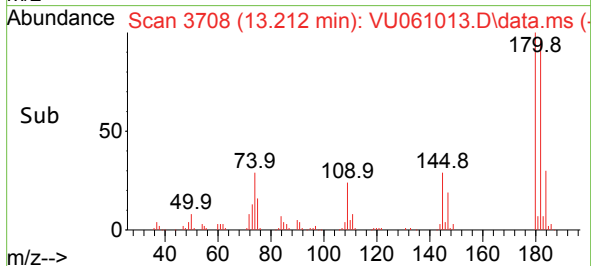
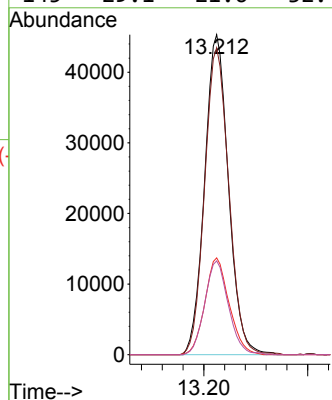
Ion Ratio Lower Upper

180 100

182 97.0 74.5 111.7

184 30.7 23.2 34.8

145 29.1 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 4.432 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061013.D

Acq: 26 Sep 2024 10:43

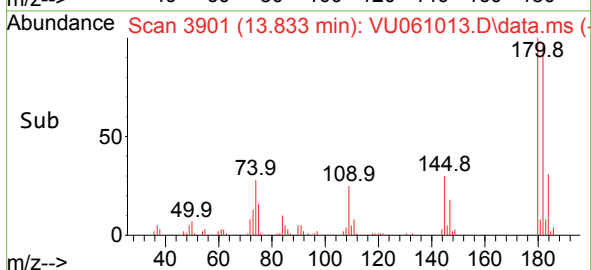
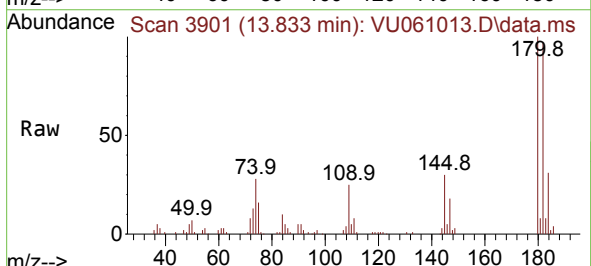
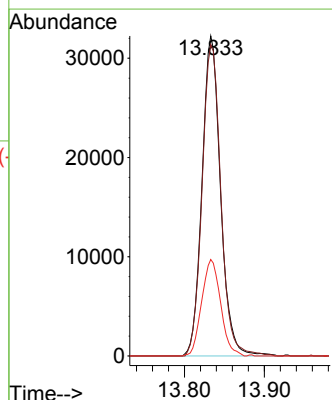
Tgt Ion:180 Resp: 52043

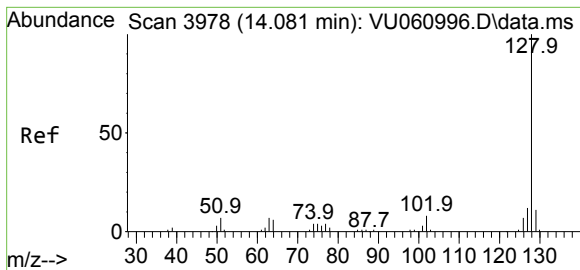
Ion Ratio Lower Upper

180 100

182 98.6 77.4 116.2

145 30.8 22.9 34.3

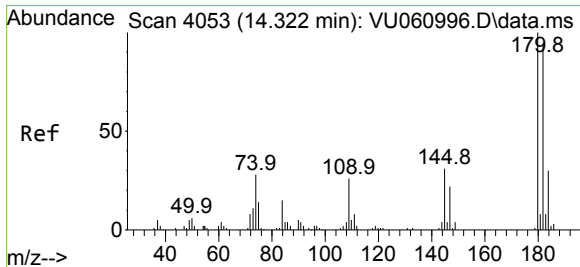
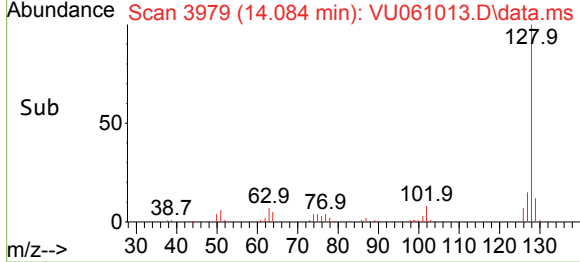
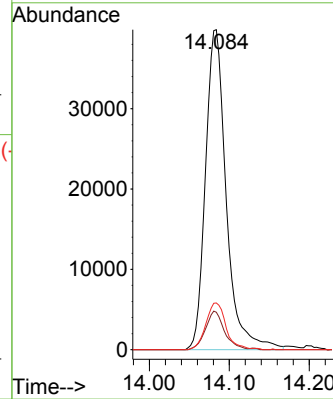
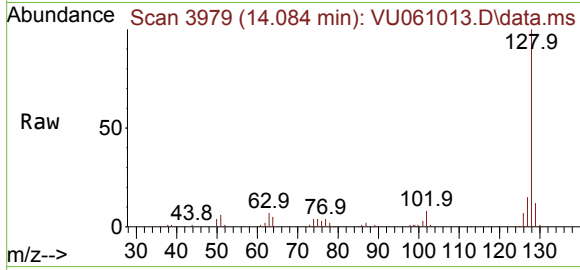




#71
Naphthalene
Concen: 4.652 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 72058
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 14.2 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 4.775 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061013.D
Acq: 26 Sep 2024 10:43

Tgt Ion:180 Resp: 48447
Ion Ratio Lower Upper
180 100
182 94.4 75.7 113.5
145 30.9 23.5 35.3

