

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092624\
 Data File : VU061025.D
 Acq On : 26 Sep 2024 17:06
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 04:54:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 27 04:49:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	147874	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	154418	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75190	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	52514	3.948	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.907	69	44809	4.732	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.560	65	18577	3.941	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.631	46	113530	53.171	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.340%
24) Chloroform-d	5.055	84	97555	4.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.695	65	46321	4.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.718	84	183430	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.682	67	62489	4.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.891	98	163861	4.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.174	79	21042	4.565	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.627	63	95733	52.650	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.300%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	51915	5.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	56449	4.468	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	49951	4.475	ug/L	99
3) Chloromethane	1.515	50	61165	5.187	ug/L	98
5) Vinyl chloride	1.599	62	67841	5.316	ug/L	99
6) Bromomethane	1.853	94	32656	4.004	ug/L	98
8) Chloroethane	1.930	64	43149	5.534	ug/L	97
9) Trichlorofluoromethane	2.132	101	86300	4.923	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	51492	5.055	ug/L	96
12) 1,1-Dichloroethene	2.573	96	45159	4.855	ug/L	92
13) Acetone	2.647	43	74089	52.011	ug/L	95
14) Carbon disulfide	2.785	76	117538	4.555	ug/L	99
15) Methyl Acetate	2.952	43	18819	5.419	ug/L	99
16) Methylene chloride	3.036	84	54520	5.061	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	103277	4.913	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	45009	4.670	ug/L	96
19) 1,1-Dichloroethane	3.859	63	100967	5.217	ug/L	96
21) 2-Butanone	4.708	43	116997	50.455	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	54359	5.096	ug/L	94
23) Bromochloromethane	4.968	128	25051	4.972	ug/L	94
25) Chloroform	5.078	83	105148	5.211	ug/L	97

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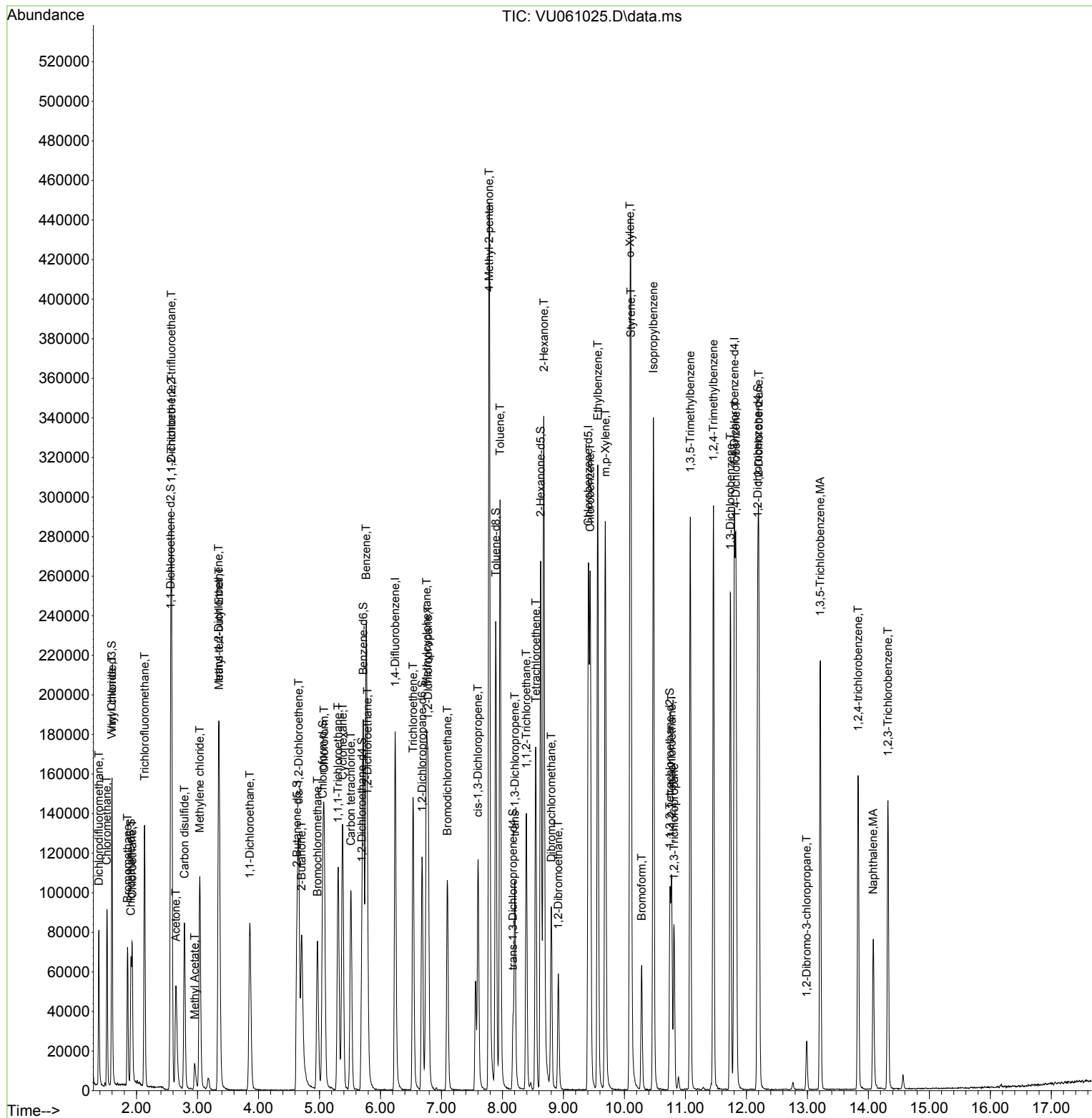
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	60936	5.211	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	83067	4.983	ug/L	97
30) Cyclohexane	5.380	56	61627	4.497	ug/L	96
31) Carbon tetrachloride	5.515	117	71686	4.857	ug/L	98
33) Benzene	5.766	78	214302	5.047	ug/L	100
34) Trichloroethene	6.534	95	54467	4.893	ug/L	97
35) Methylcyclohexane	6.756	83	62280	4.078	ug/L	98
37) 1,2-Dichloropropane	6.782	63	63259	5.407	ug/L	99
38) Bromodichloromethane	7.097	83	73371	5.112	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	77422	4.975	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	292527	53.542	ug/L	99
42) Toluene	7.962	91	229052	5.159	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	65607	5.127	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	44247	5.238	ug/L	95
47) Tetrachloroethene	8.547	164	40062	4.529	ug/L	97
48) 2-Hexanone	8.679	43	220239	55.304	ug/L	99
49) Dibromochloromethane	8.801	129	48587	5.053	ug/L	94
50) 1,2-Dibromoethane	8.917	107	39118	5.189	ug/L #	100
51) Chlorobenzene	9.441	112	144085	4.833	ug/L	99
52) Ethylbenzene	9.563	91	219097	4.688	ug/L	100
53) m,p-Xylene	9.688	106	84084	4.745	ug/L	93
54) o-Xylene	10.094	106	81145	4.640	ug/L	97
55) Styrene	10.110	104	144819	4.913	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	55657	5.283	ug/L	96
59) Bromoform	10.283	173	28142	4.966	ug/L	98
60) Isopropylbenzene	10.476	105	216554	4.860	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	37018	5.278	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	154745	4.468	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	156080	4.561	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	107631	4.804	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	105109	4.539	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	102381	4.833	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	6946	5.072	ug/L	86
69) 1,3,5-Trichlorobenzene	13.212	180	69134	4.125	ug/L	96
70) 1,2,4-trichlorobenzene	13.833	180	52592	4.455	ug/L	96
71) Naphthalene	14.081	128	67859	4.358	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	48112	4.717	ug/L	97

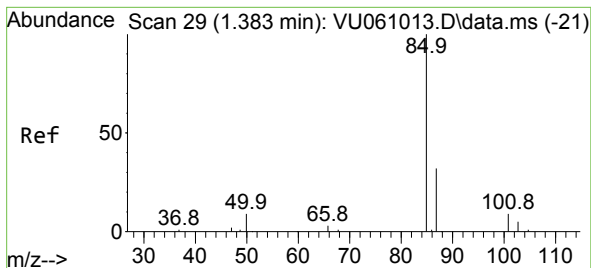
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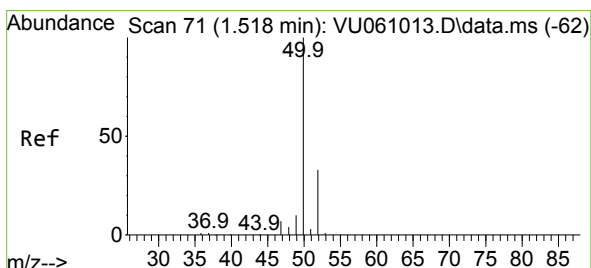
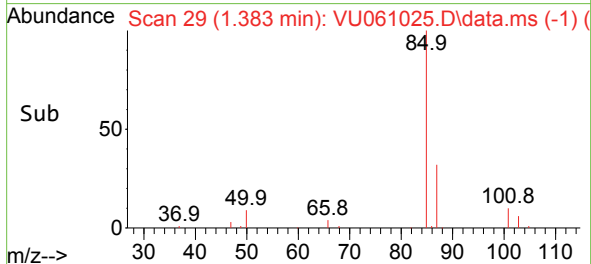
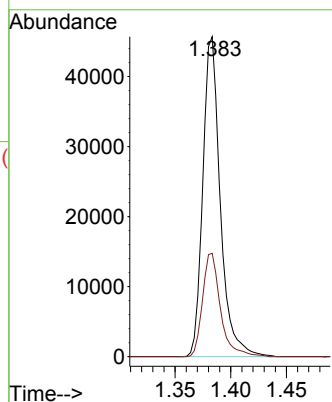
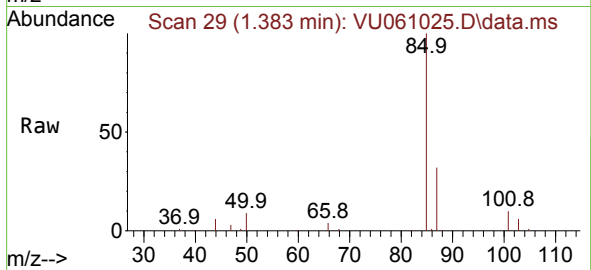




#2
Dichlorodifluoromethane
Concen: 4.475 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

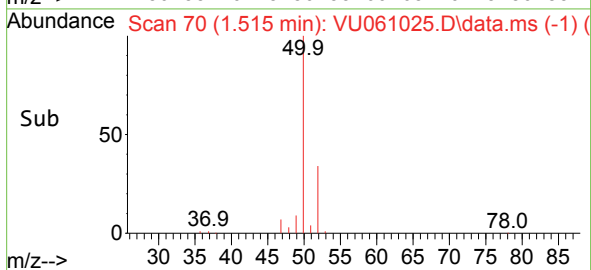
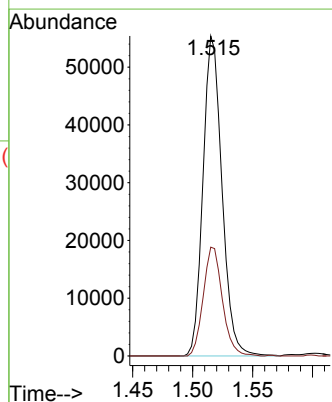
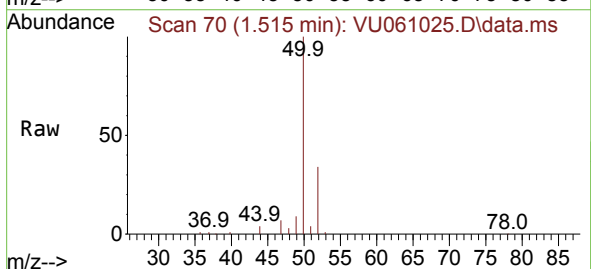
Instrument :
MSVOA_U
ClientSampleId :

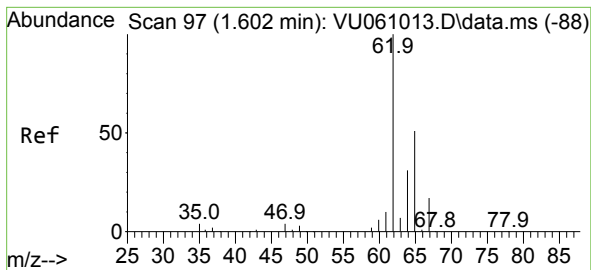
Tgt Ion: 85 Resp: 49951
Ion Ratio Lower Upper
85 100
87 33.2 26.2 39.2



#3
Chloromethane
Concen: 5.187 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

Tgt Ion: 50 Resp: 61165
Ion Ratio Lower Upper
50 100
52 34.0 24.4 45.4





#5

Vinyl chloride

Concen: 5.316 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU061025.D

Acq: 26 Sep 2024 17:06

Instrument :

MSVOA_U

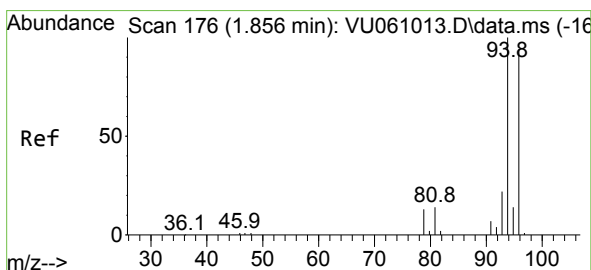
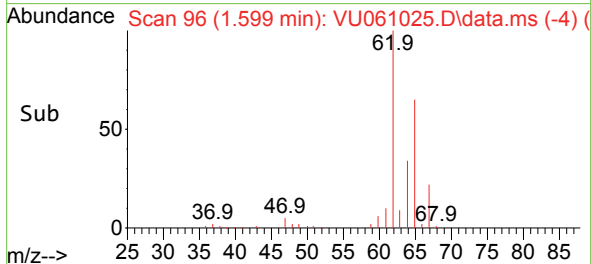
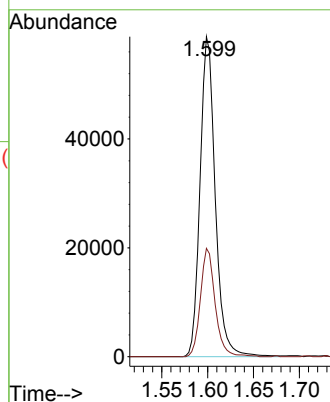
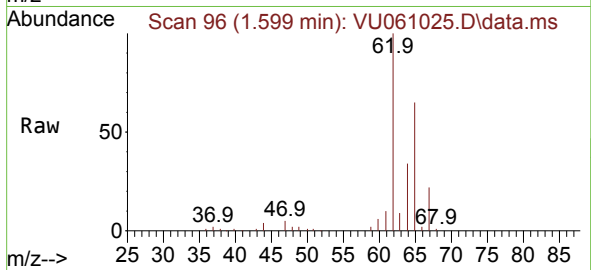
ClientSampleId :

Tgt Ion: 62 Resp: 67841

Ion Ratio Lower Upper

62 100

64 33.9 24.0 44.6



#6

Bromomethane

Concen: 4.004 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU061025.D

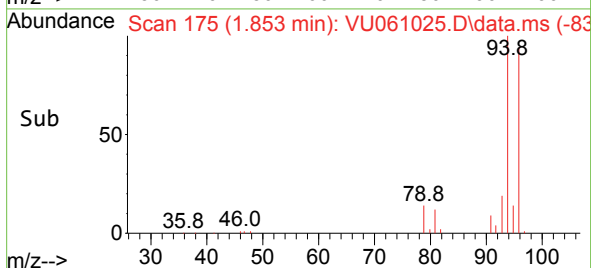
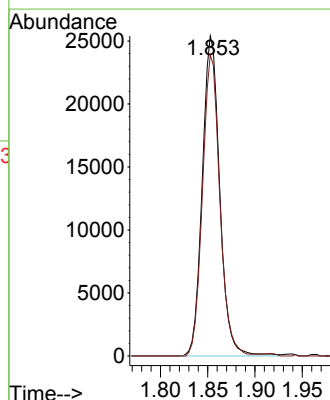
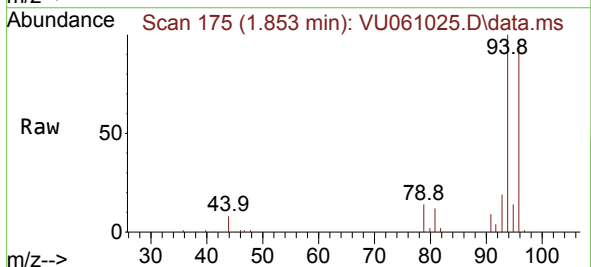
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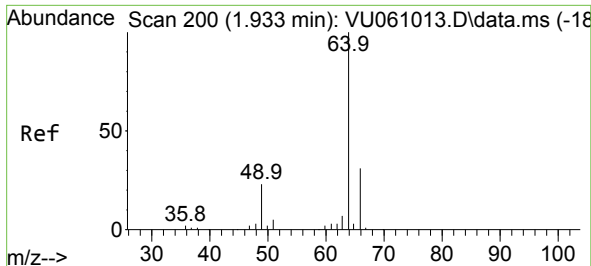
Tgt Ion: 94 Resp: 32656

Ion Ratio Lower Upper

94 100

96 94.1 67.3 124.9

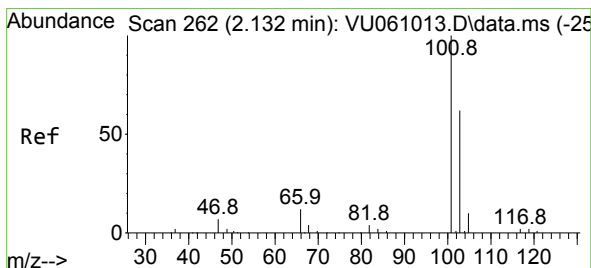
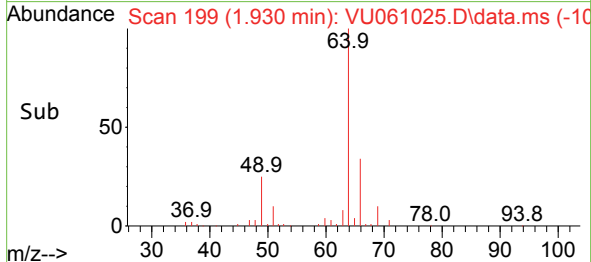
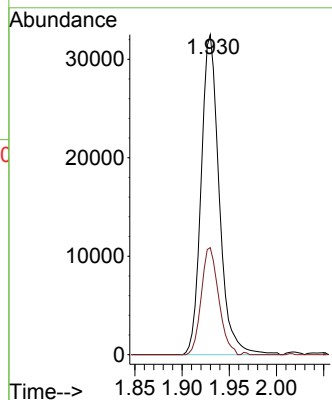
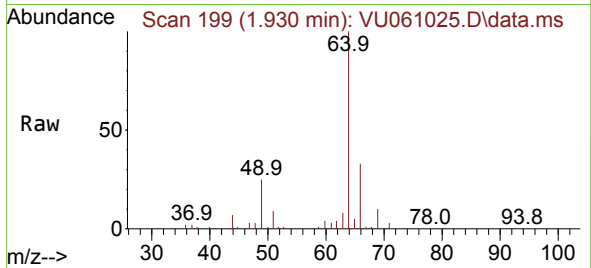




#8
Chloroethane
Concen: 5.534 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

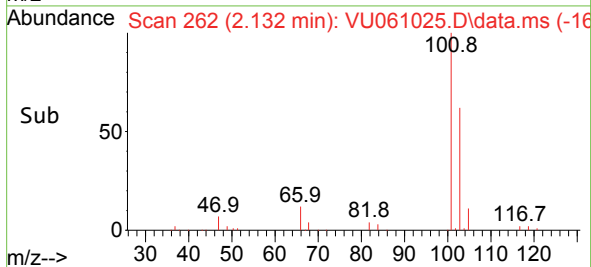
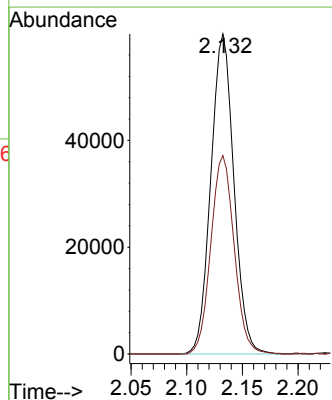
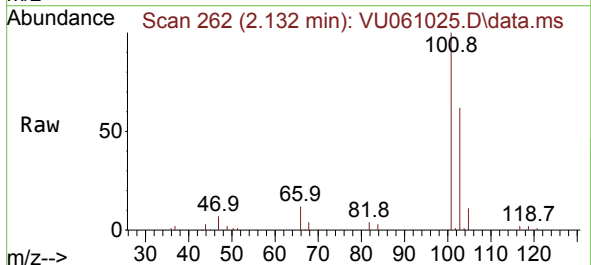
Instrument :
MSVOA_U
ClientSampleId :

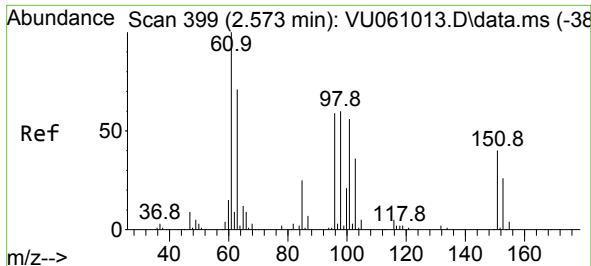
Tgt Ion: 64 Resp: 43149
Ion Ratio Lower Upper
64 100
66 33.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.923 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

Tgt Ion:101 Resp: 86300
Ion Ratio Lower Upper
101 100
103 62.6 51.4 77.2

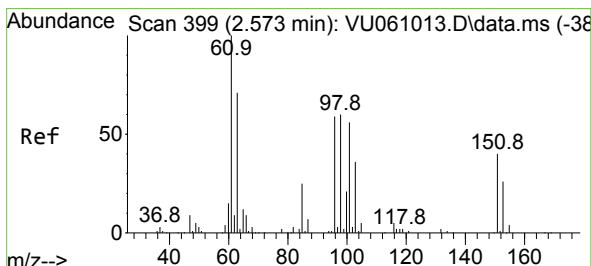
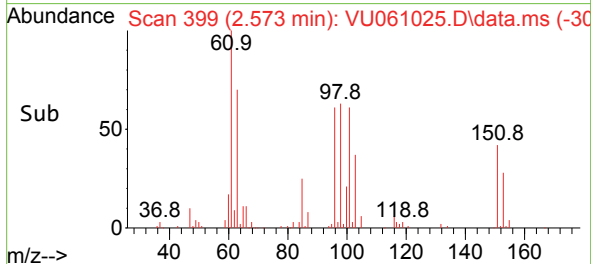
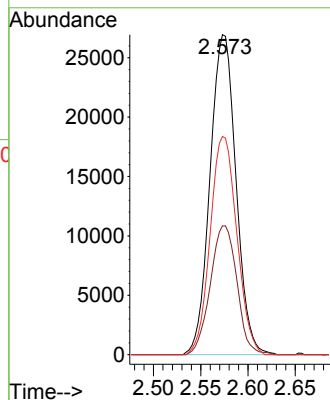
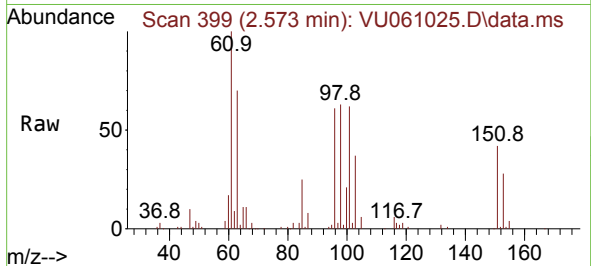




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.055 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061025.D
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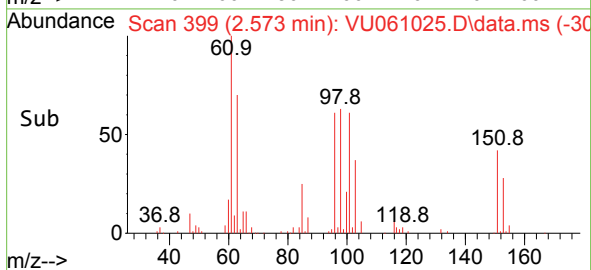
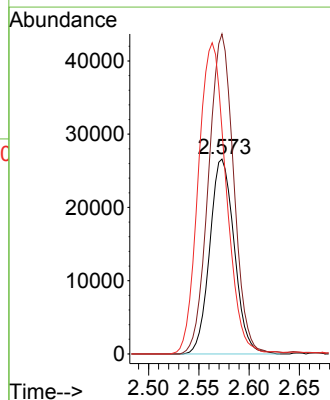
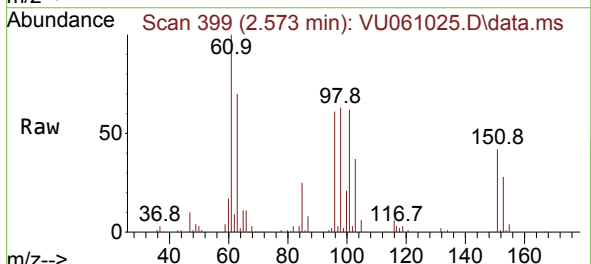
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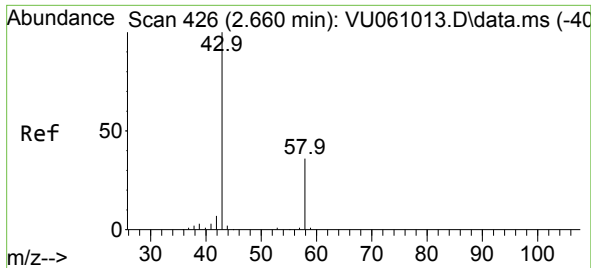
Tgt Ion:	101	Resp:	51492
Ion	Ratio	Lower	Upper
101	100		
85	41.2	34.2	51.4
151	69.9	58.6	88.0



#12
 1,1-Dichloroethene
 Concen: 4.855 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061025.D
 Acq: 26 Sep 2024 17:06

Tgt Ion:	96	Resp:	45159
Ion	Ratio	Lower	Upper
96	100		
61	164.2	120.7	224.1
63	115.2	90.0	167.2





#13

Acetone

Concen: 52.011 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU061025.D

Acq: 26 Sep 2024 17:06

Instrument :

MSVOA_U

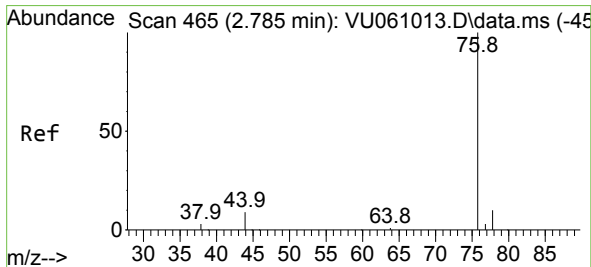
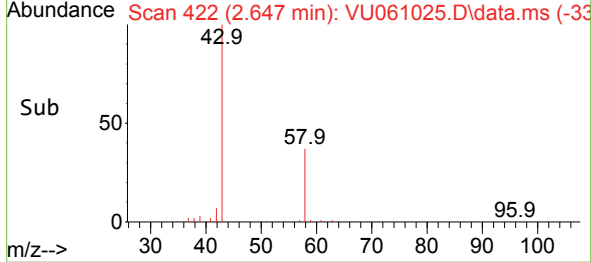
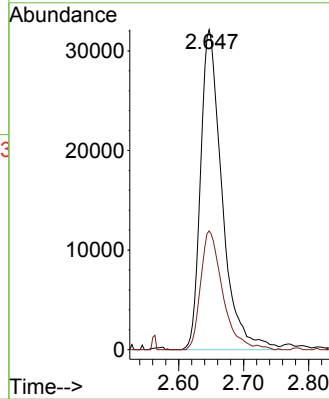
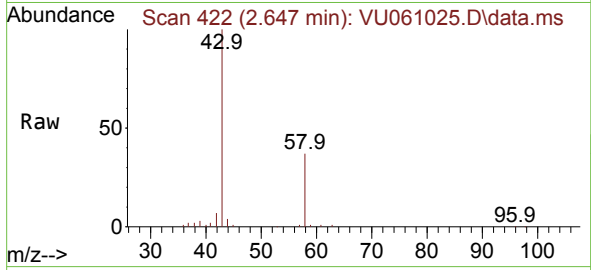
ClientSampleId :

Tgt Ion: 43 Resp: 74089

Ion Ratio Lower Upper

43 100

58 37.4 0.0 69.6



#14

Carbon disulfide

Concen: 4.555 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU061025.D

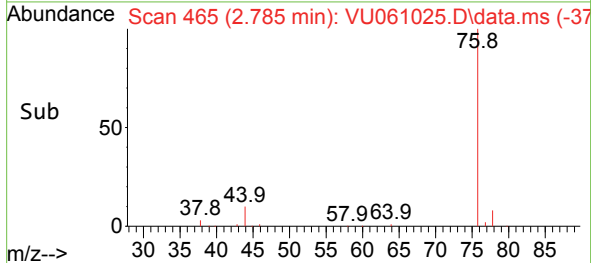
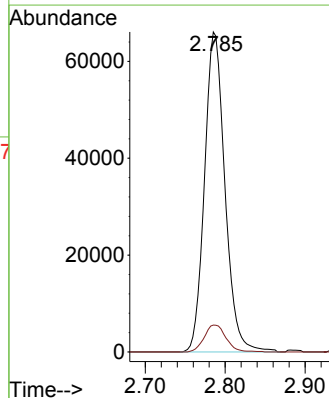
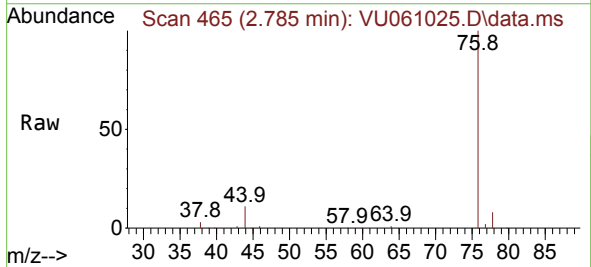
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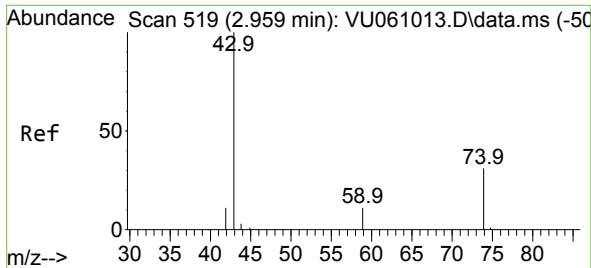
Tgt Ion: 76 Resp: 117538

Ion Ratio Lower Upper

76 100

78 8.4 7.1 10.7

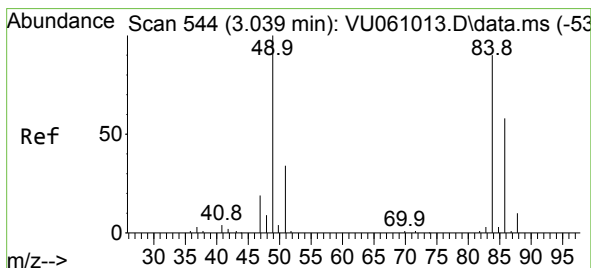
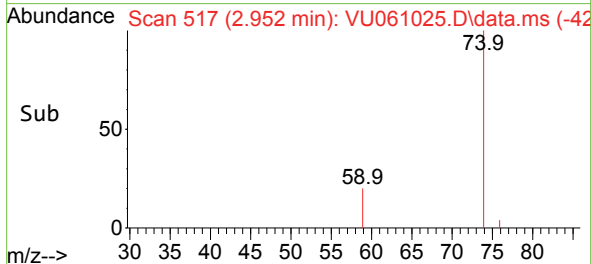
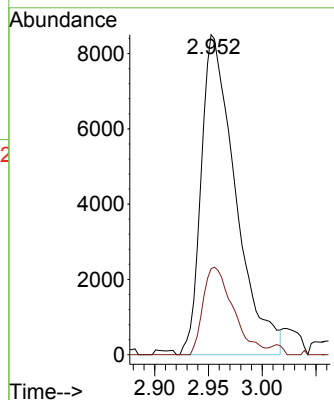
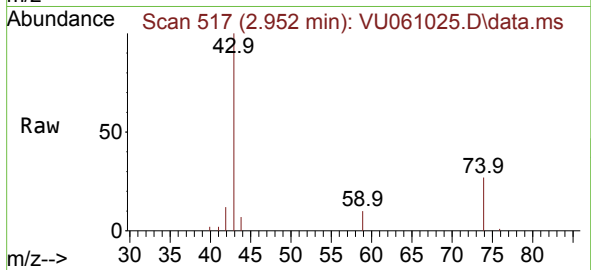




#15
Methyl Acetate
Concen: 5.419 ug/L
RT: 2.952 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

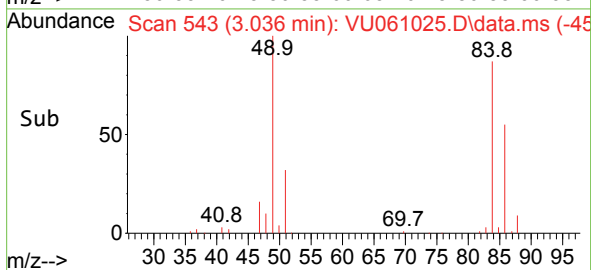
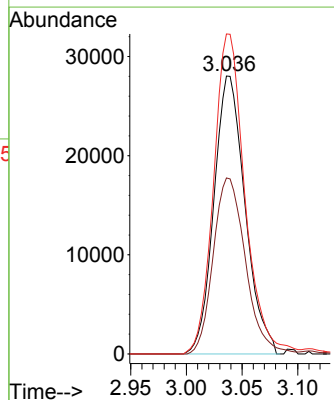
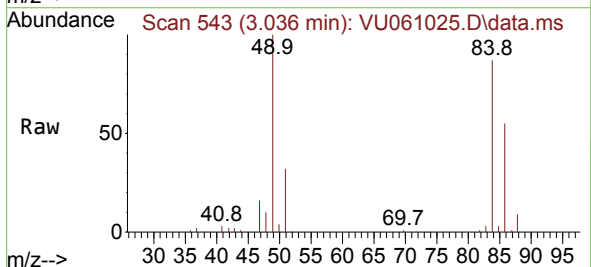
Instrument :
MSVOA_U
ClientSampleId :

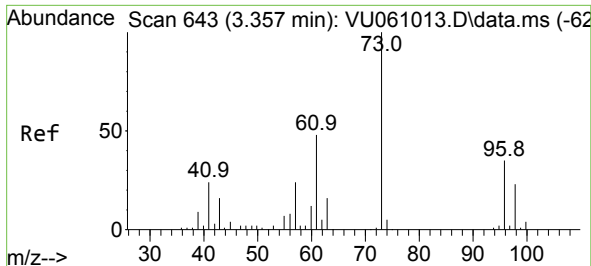
Tgt Ion: 43 Resp: 18819
Ion Ratio Lower Upper
43 100
74 24.1 18.9 28.3



#16
Methylene chloride
Concen: 5.061 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

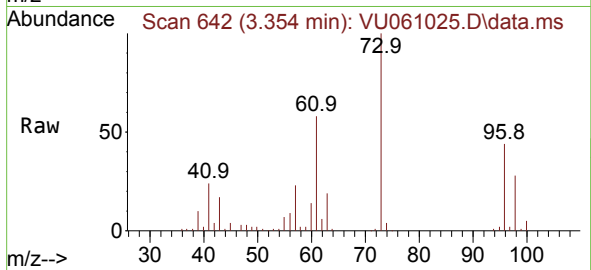
Tgt Ion: 84 Resp: 54520
Ion Ratio Lower Upper
84 100
86 63.3 47.3 87.8
49 115.2 78.7 146.1



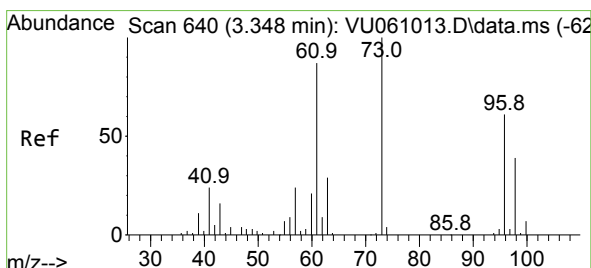
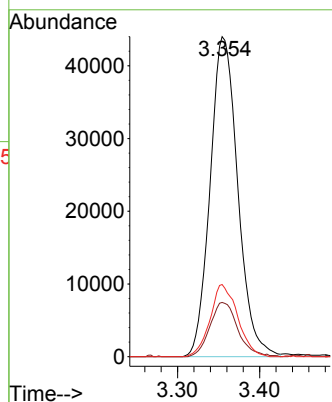
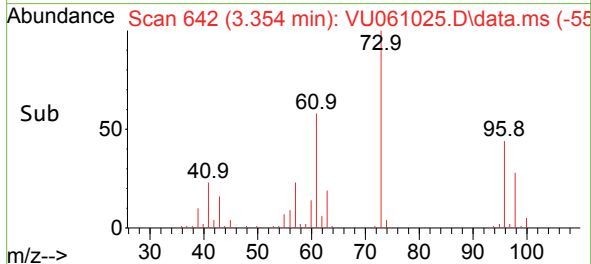


#17
Methyl tert-butyl Ether
Concen: 4.913 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

Instrument :
MSVOA_U
ClientSampleId :

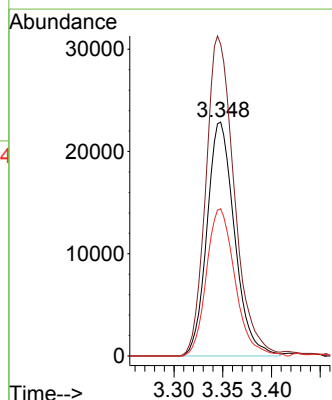
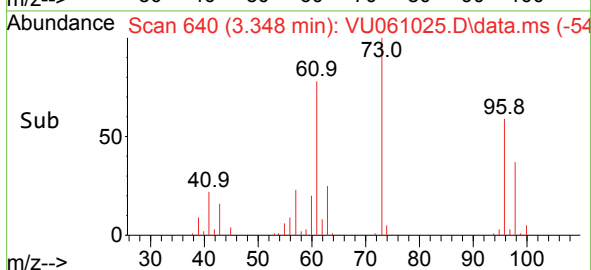
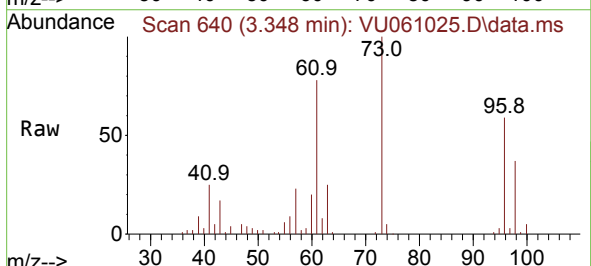


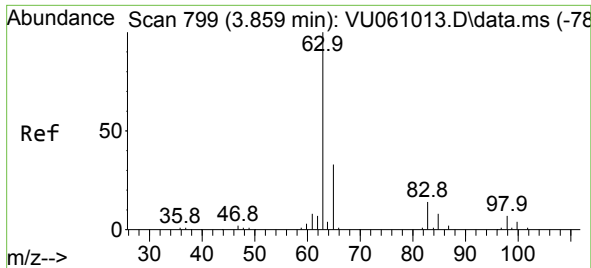
Tgt Ion: 73 Resp: 103277
Ion Ratio Lower Upper
73 100
43 17.2 13.8 20.8
57 22.4 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.670 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

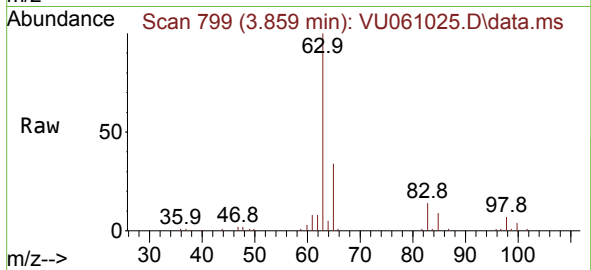
Tgt Ion: 96 Resp: 45009
Ion Ratio Lower Upper
96 100
61 133.2 97.2 180.6
98 62.9 43.3 80.5



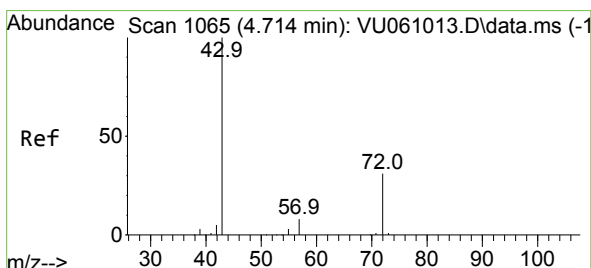
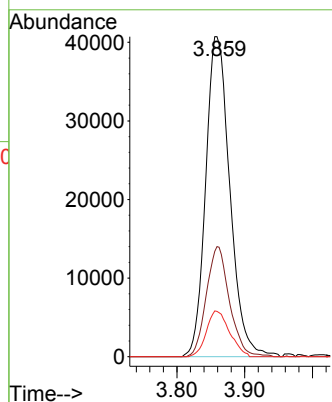
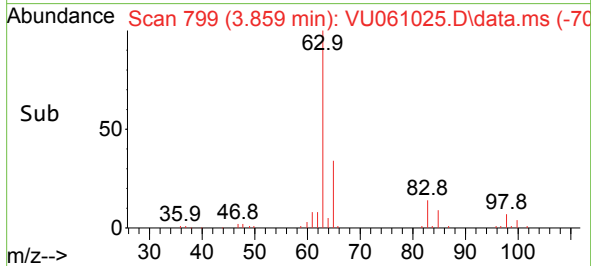


#19
1,1-Dichloroethane
Concen: 5.217 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

Instrument :
MSVOA_U
ClientSampleId :

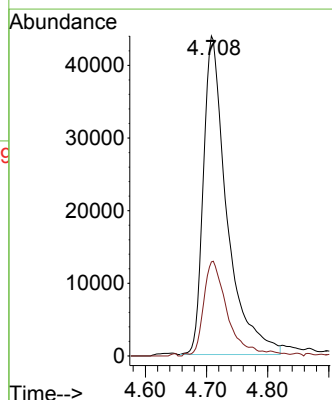
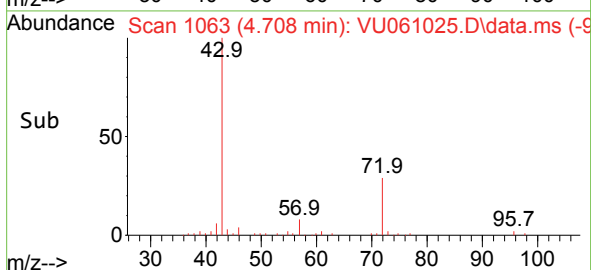
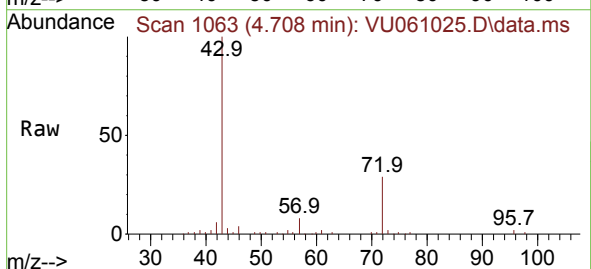


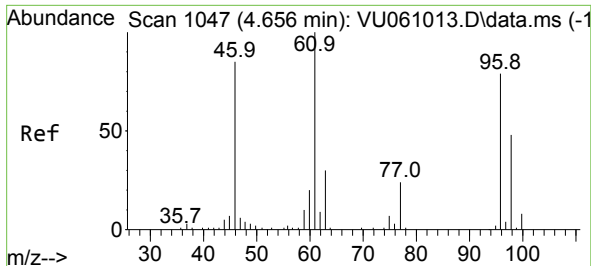
Tgt Ion: 63 Resp: 100967
Ion Ratio Lower Upper
63 100
65 35.2 23.0 42.8
83 14.1 9.0 16.6



#21
2-Butanone
Concen: 50.455 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

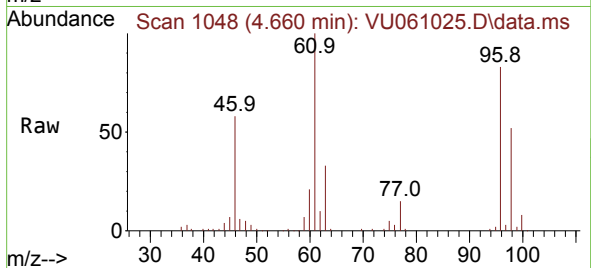
Tgt Ion: 43 Resp: 116997
Ion Ratio Lower Upper
43 100
72 28.1 14.8 44.3



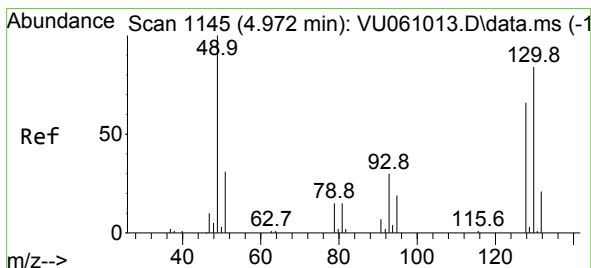
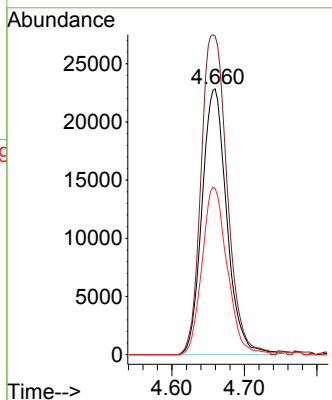
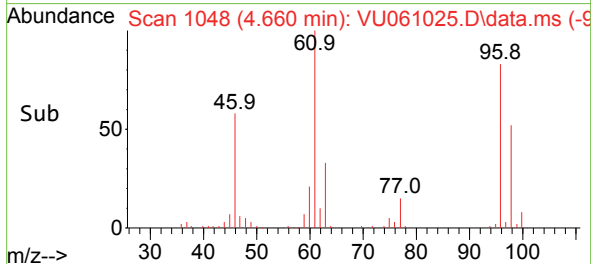


#22
 cis-1,2-Dichloroethene
 Concen: 5.096 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU061025.D
 Acq: 26 Sep 2024 17:06

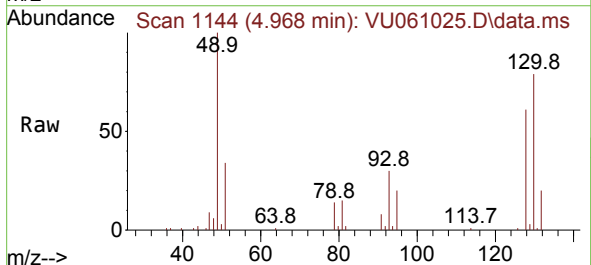
Instrument :
 MSVOA_U
 ClientSampleId :



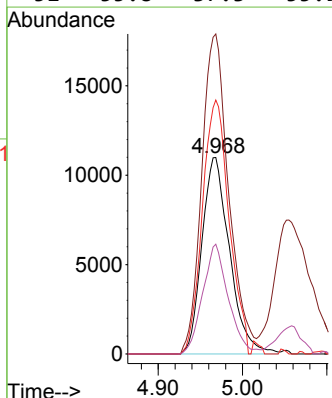
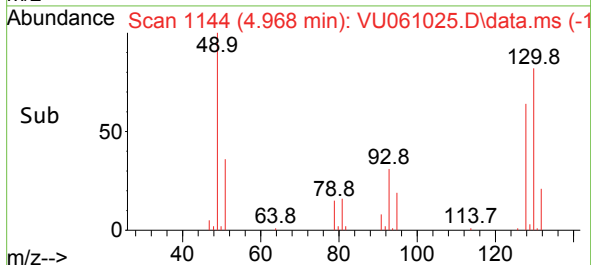
Tgt Ion: 96 Resp: 54359
 Ion Ratio Lower Upper
 96 100
 61 119.9 89.7 166.5
 98 62.4 45.1 83.9

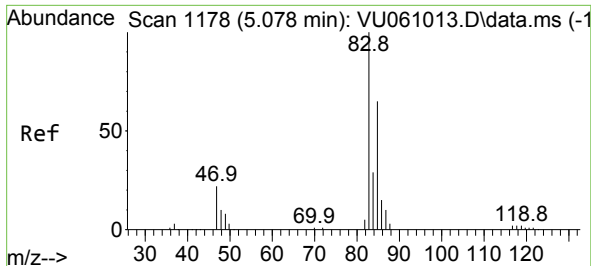


#23
 Bromochloromethane
 Concen: 4.972 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.003 min
 Lab File: VU061025.D
 Acq: 26 Sep 2024 17:06



Tgt Ion: 128 Resp: 25051
 Ion Ratio Lower Upper
 128 100
 49 162.8 109.6 203.6
 130 129.2 87.8 163.0
 51 55.8 37.3 55.9





#25

Chloroform

Concen: 5.211 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061025.D

Acq: 26 Sep 2024 17:06

Instrument :

MSVOA_U

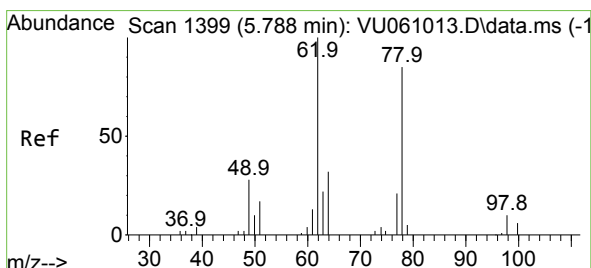
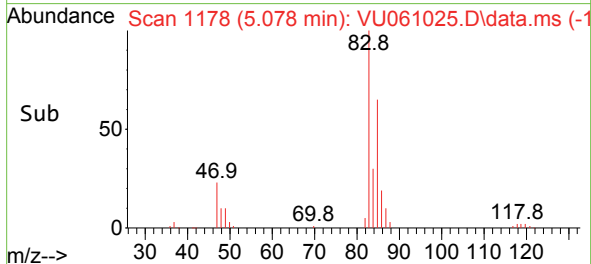
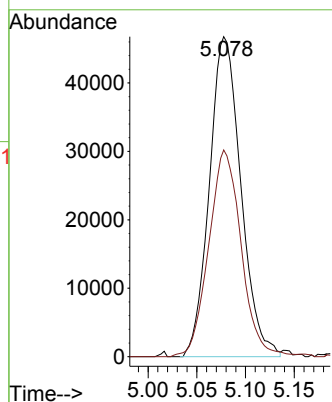
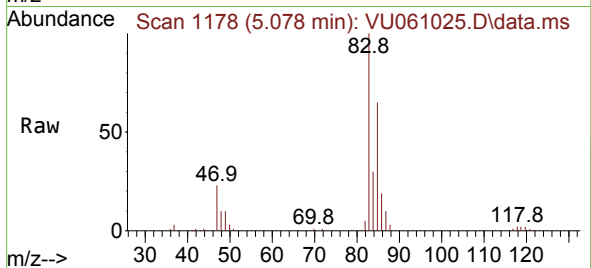
ClientSampleId :

Tgt Ion: 83 Resp: 105148

Ion Ratio Lower Upper

83 100

85 64.6 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.211 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU061025.D

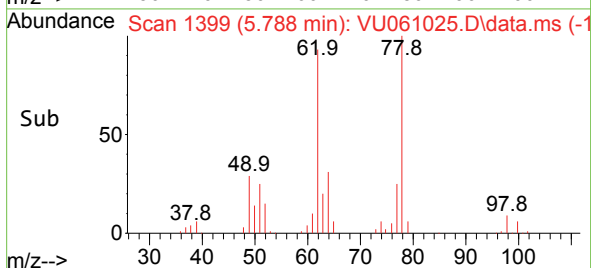
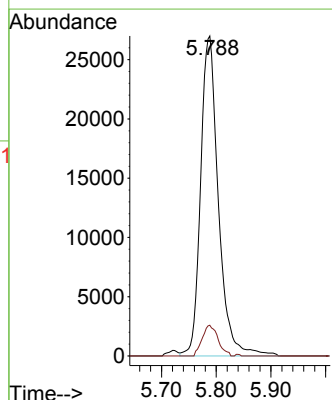
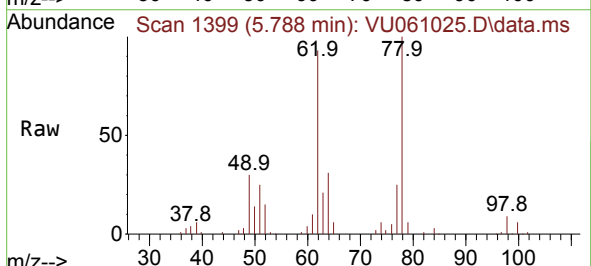
Acq: 26 Sep 2024 17:06

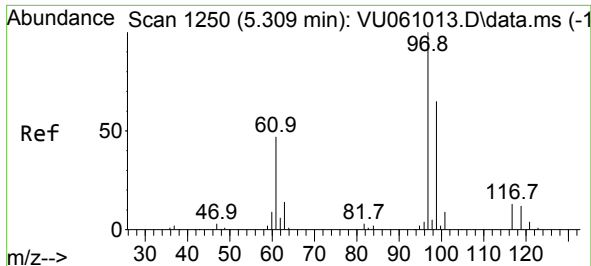
Tgt Ion: 62 Resp: 60936

Ion Ratio Lower Upper

62 100

98 9.6 8.2 12.4

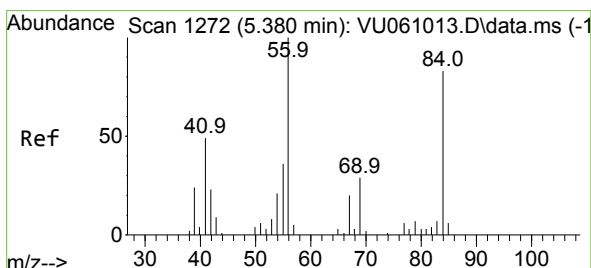
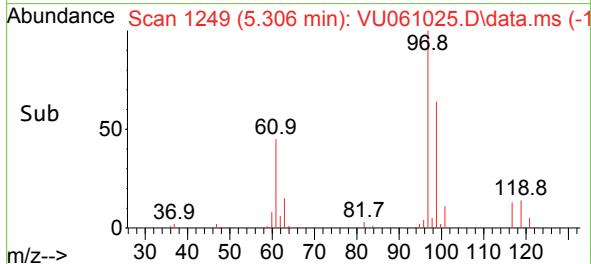
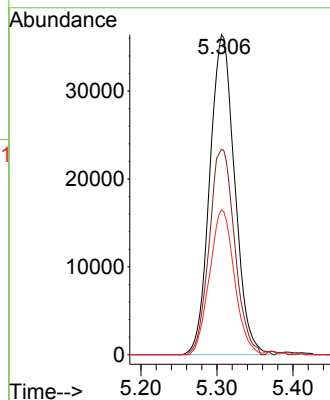
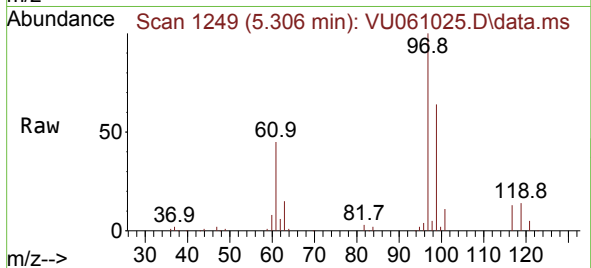




#29
1,1,1-Trichloroethane
Concen: 4.983 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

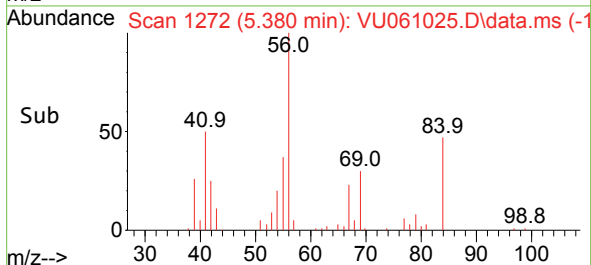
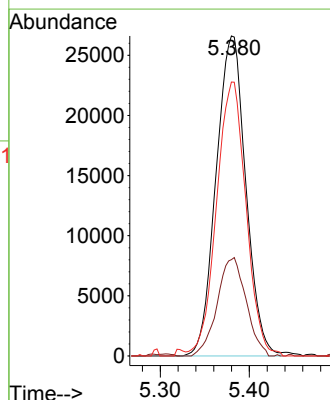
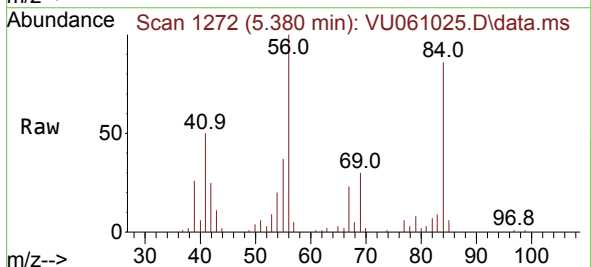
Instrument :
MSVOA_U
ClientSampleId :

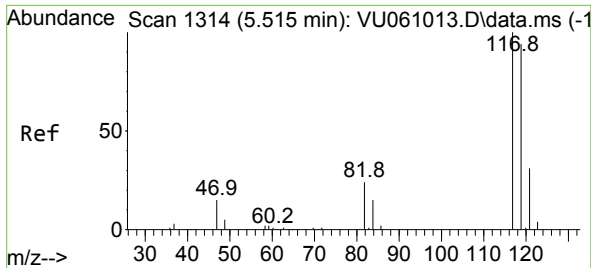
Tgt Ion:	97	Resp:	83067
Ion	Ratio	Lower	Upper
97	100		
99	65.3	50.5	75.7
61	45.0	34.4	51.6



#30
Cyclohexane
Concen: 4.497 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

Tgt Ion:	56	Resp:	61627
Ion	Ratio	Lower	Upper
56	100		
69	29.9	25.4	38.0
84	85.1	71.0	106.6

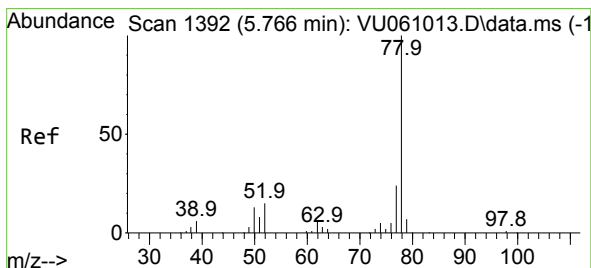
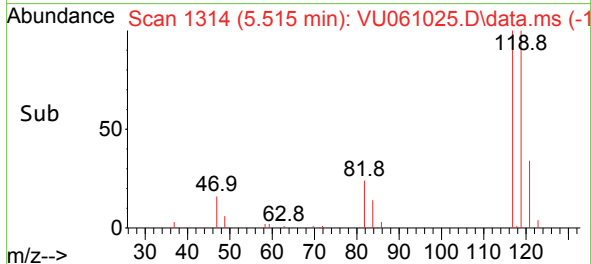
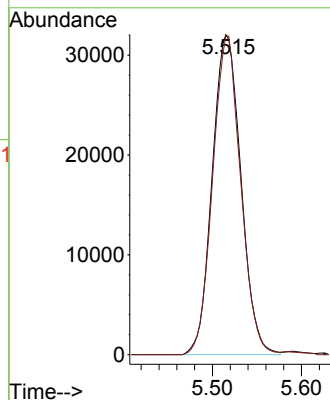
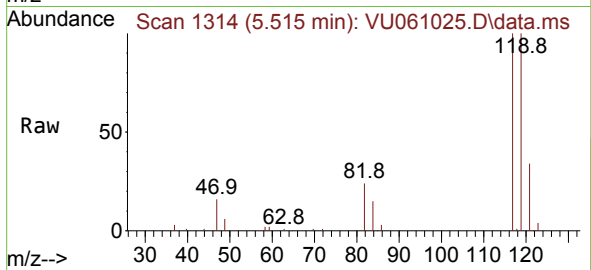




#31
Carbon tetrachloride
Concen: 4.857 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

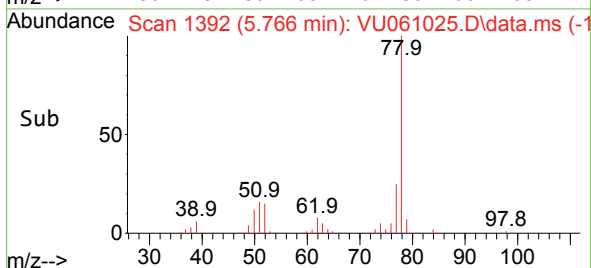
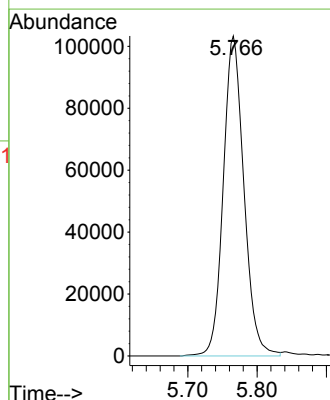
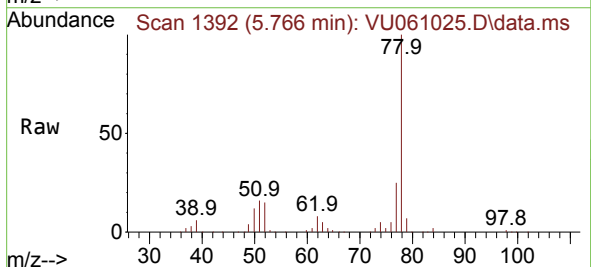
Instrument :
MSVOA_U
ClientSampleId :

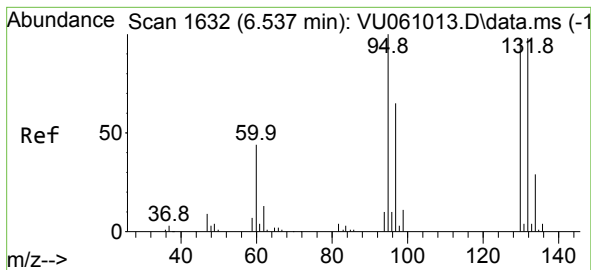
Tgt Ion:117 Resp: 71686
Ion Ratio Lower Upper
117 100
119 96.9 76.3 114.5



#33
Benzene
Concen: 5.047 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

Tgt Ion: 78 Resp: 214302





#34

Trichloroethene

Concen: 4.893 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

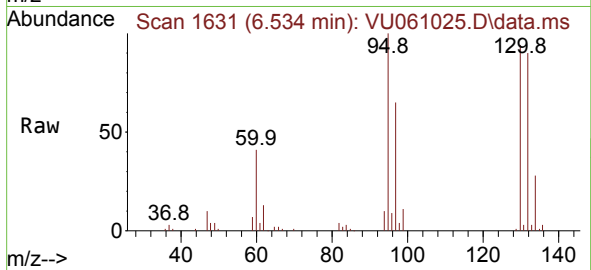
Lab File: VU061025.D

Acq: 26 Sep 2024 17:06

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 54467

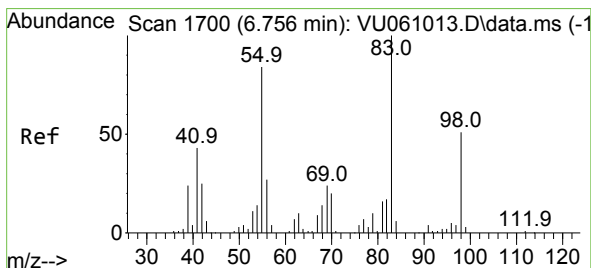
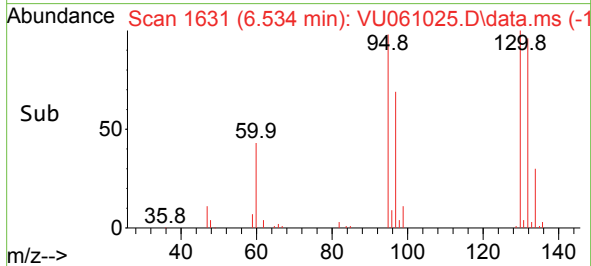
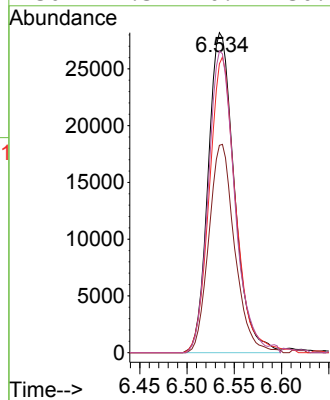
Ion Ratio Lower Upper

95 100

97 64.8 44.9 83.5

132 90.2 63.5 117.9

130 94.3 70.2 130.4



#35

Methylcyclohexane

Concen: 4.078 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU061025.D

Acq: 26 Sep 2024 17:06

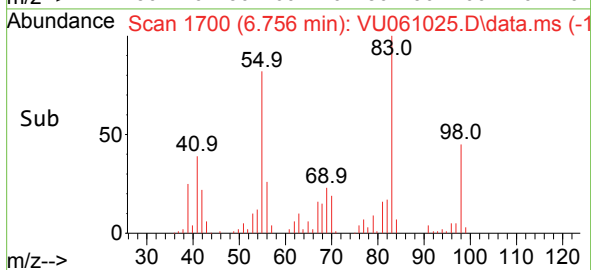
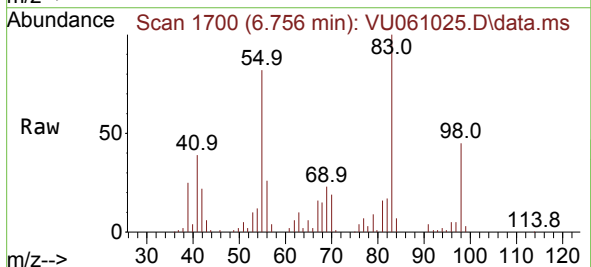
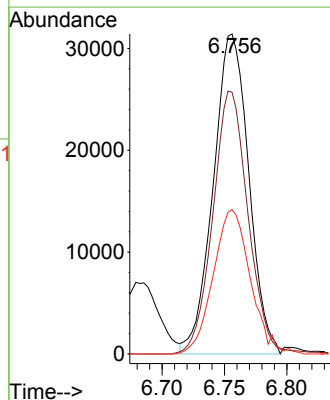
Tgt Ion: 83 Resp: 62280

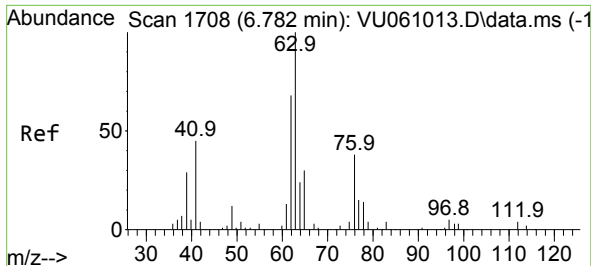
Ion Ratio Lower Upper

83 100

55 81.5 62.6 94.0

98 46.7 37.6 56.4





#37

1,2-Dichloropropane

Concen: 5.407 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061025.D

Acq: 26 Sep 2024 17:06

Instrument :

MSVOA_U

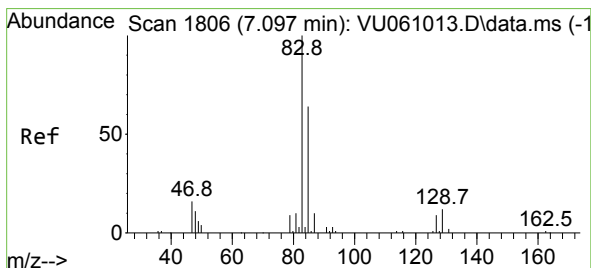
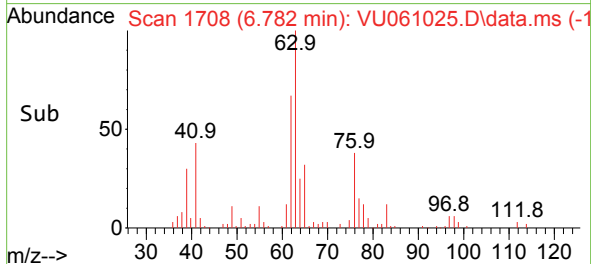
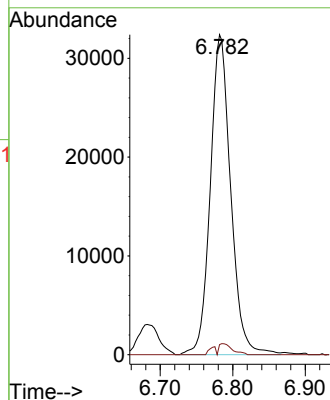
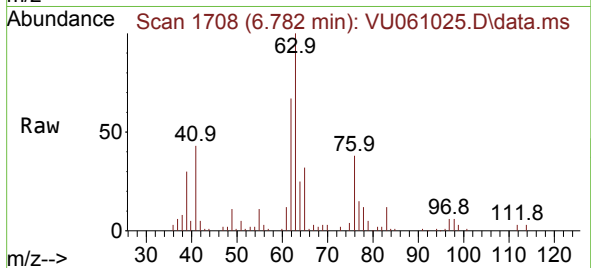
ClientSampleId :

Tgt Ion: 63 Resp: 63259

Ion Ratio Lower Upper

63 100

112 2.2 2.0 3.0



#38

Bromodichloromethane

Concen: 5.112 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU061025.D

Acq: 26 Sep 2024 17:06

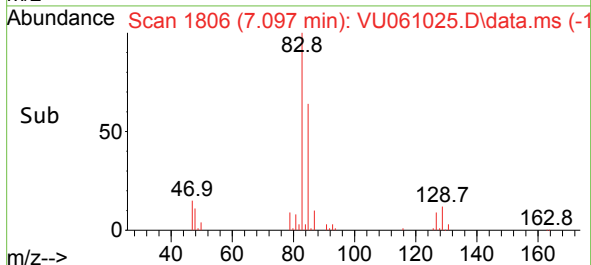
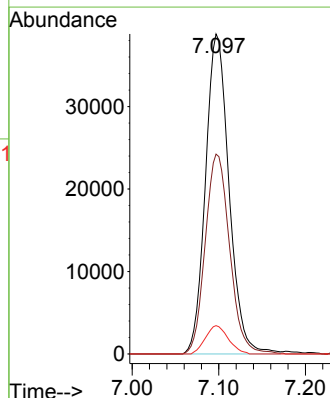
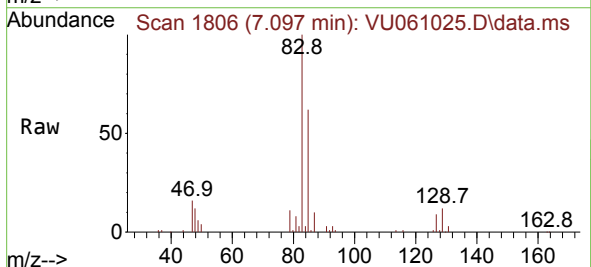
Tgt Ion: 83 Resp: 73371

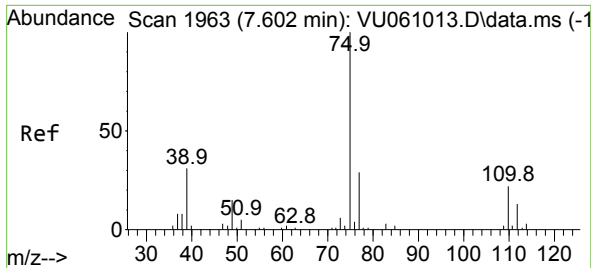
Ion Ratio Lower Upper

83 100

85 63.2 45.6 84.8

127 8.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.975 ug/L

RT: 7.598 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU061025.D

Acq: 26 Sep 2024 17:06

Instrument :

MSVOA_U

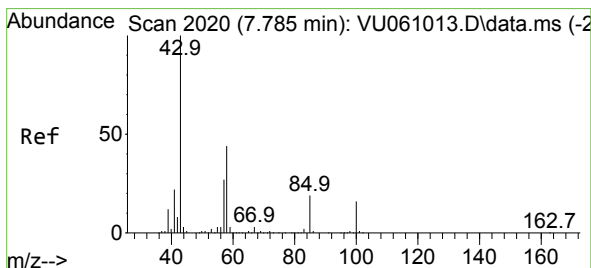
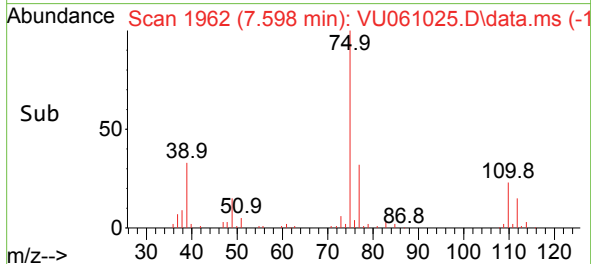
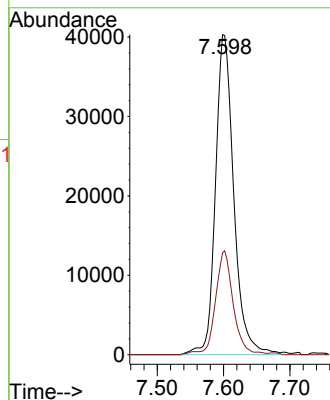
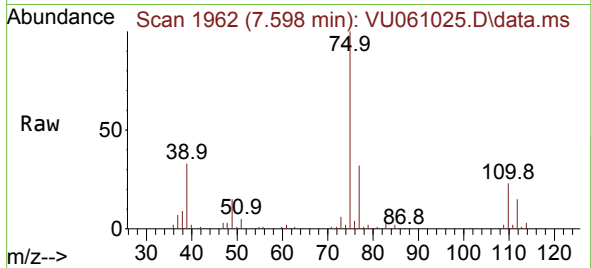
ClientSampleId :

Tgt Ion: 75 Resp: 77422

Ion Ratio Lower Upper

75 100

77 31.9 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 53.542 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.003 min

Lab File: VU061025.D

Acq: 26 Sep 2024 17:06

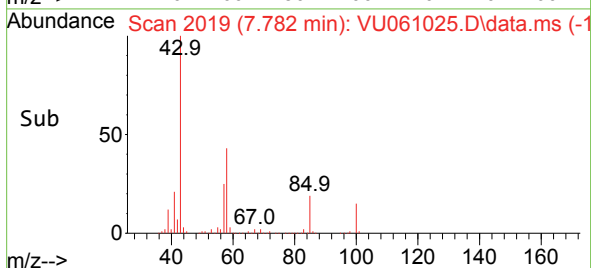
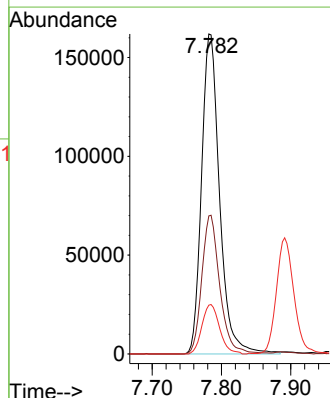
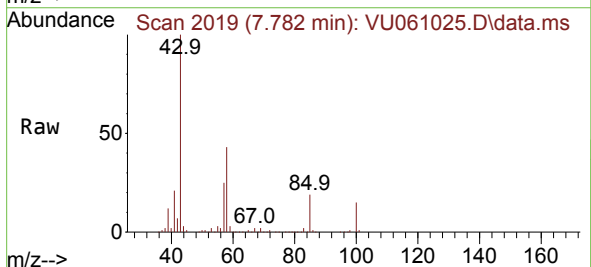
Tgt Ion: 43 Resp: 292527

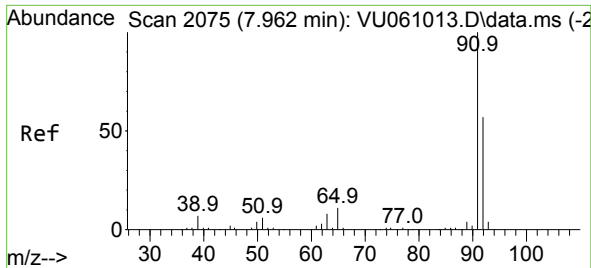
Ion Ratio Lower Upper

43 100

58 43.2 34.9 52.3

100 15.1 13.4 20.0





#42

Toluene

Concen: 5.159 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061025.D

Acq: 26 Sep 2024 17:06

Instrument :

MSVOA_U

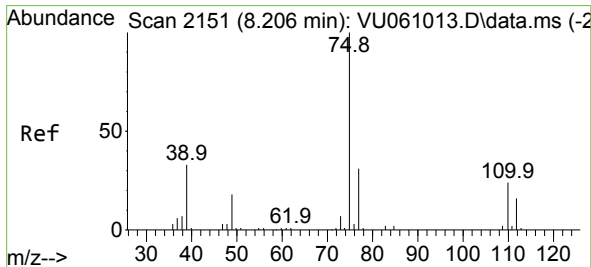
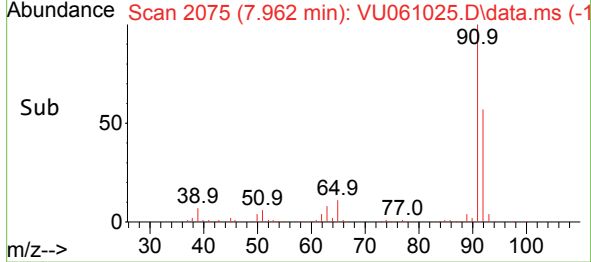
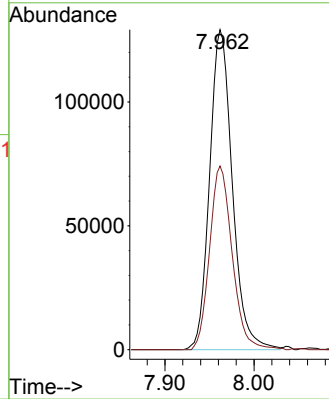
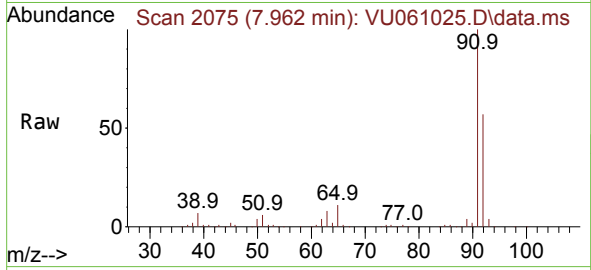
ClientSampleId :

Tgt Ion: 91 Resp: 229052

Ion Ratio Lower Upper

91 100

92 57.4 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.127 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU061025.D

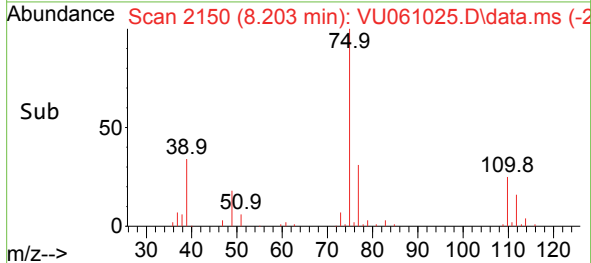
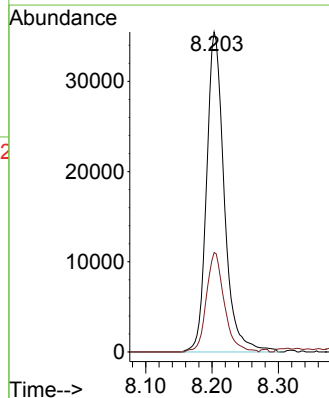
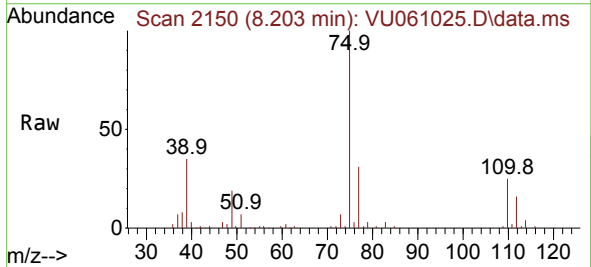
Acq: 26 Sep 2024 17:06

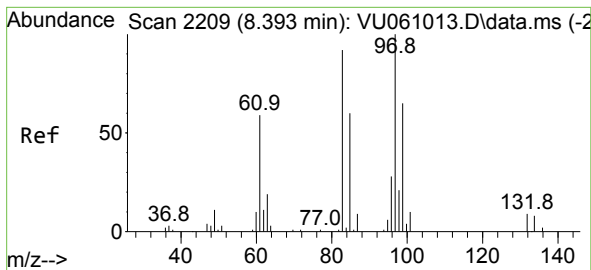
Tgt Ion: 75 Resp: 65607

Ion Ratio Lower Upper

75 100

77 31.0 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 5.238 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VU061025.D

Acq: 26 Sep 2024 17:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 44247

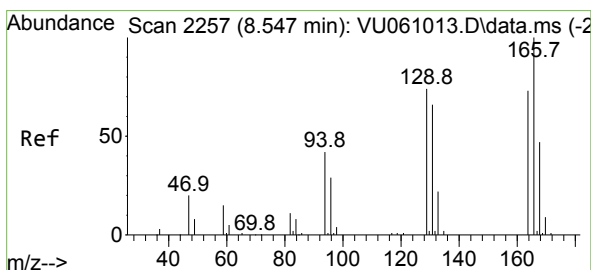
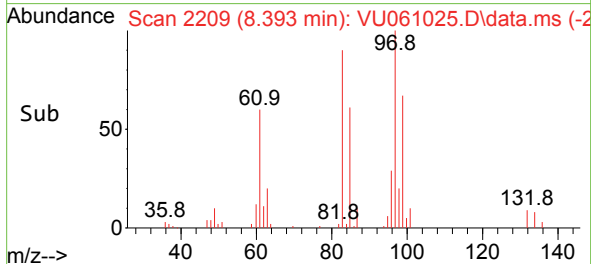
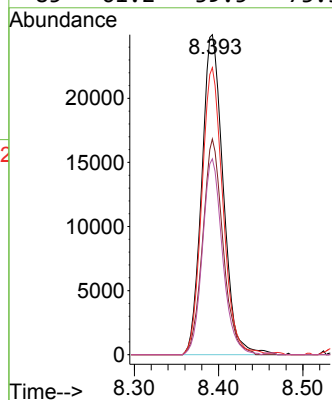
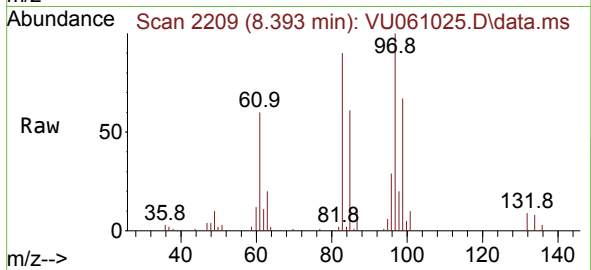
Ion Ratio Lower Upper

97 100

99 67.4 42.3 78.5

83 89.7 61.7 114.5

85 61.2 39.5 73.3



#47

Tetrachloroethene

Concen: 4.529 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU061025.D

Acq: 26 Sep 2024 17:06

Tgt Ion:164 Resp: 40062

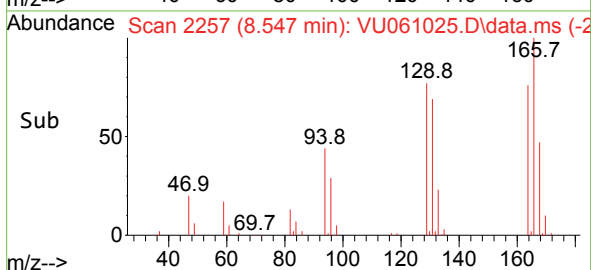
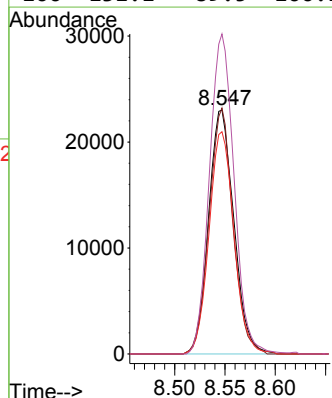
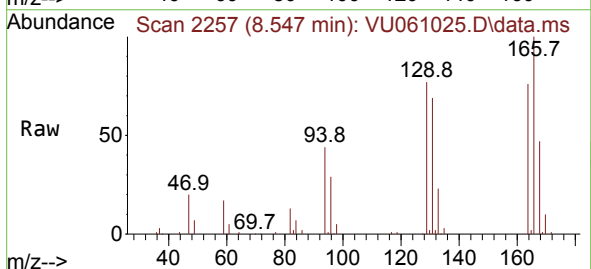
Ion Ratio Lower Upper

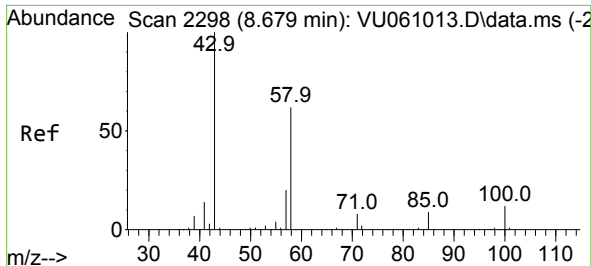
164 100

129 100.8 67.3 124.9

131 91.1 65.4 121.4

166 131.1 89.5 166.1



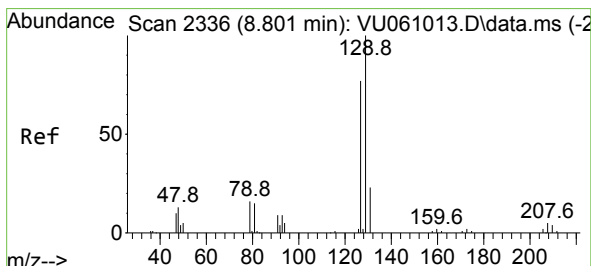
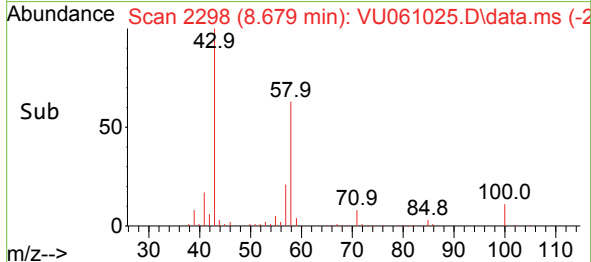
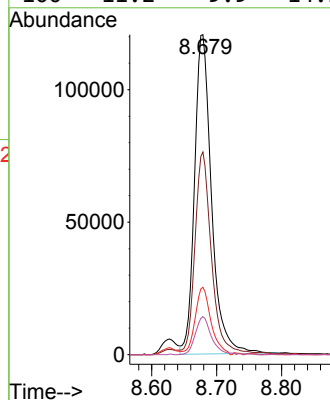
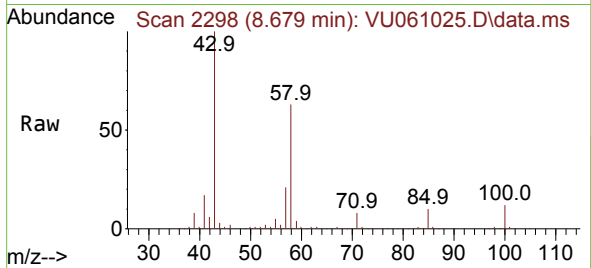


#48
2-Hexanone
Concen: 55.304 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 220239

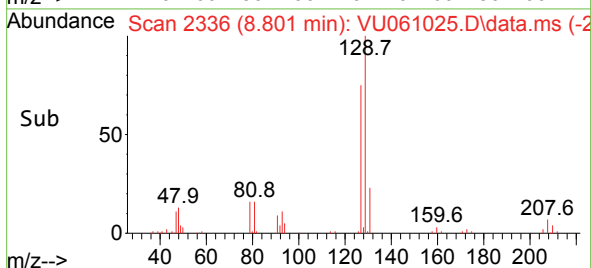
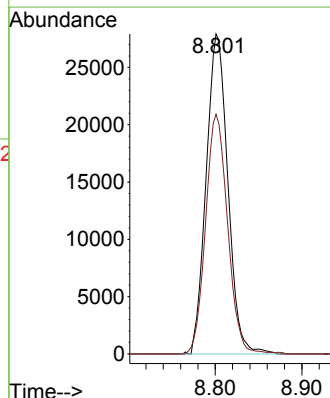
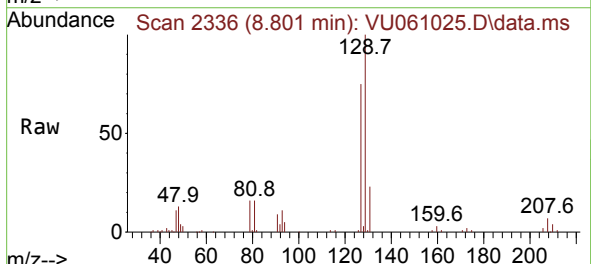
Ion	Ratio	Lower	Upper
43	100		
58	61.5	48.3	72.5
57	19.7	15.9	23.9
100	11.2	9.9	14.9

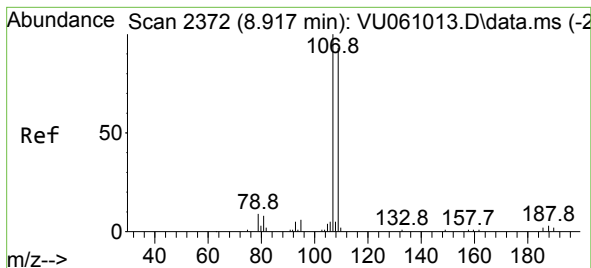


#49
Dibromochloromethane
Concen: 5.053 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

Tgt Ion: 129 Resp: 48587

Ion	Ratio	Lower	Upper
129	100		
127	74.9	56.1	104.1





#50

1,2-Dibromoethane

Concen: 5.189 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU061025.D

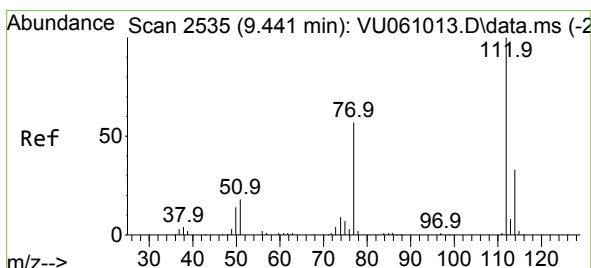
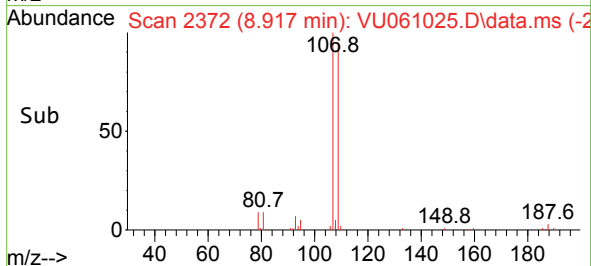
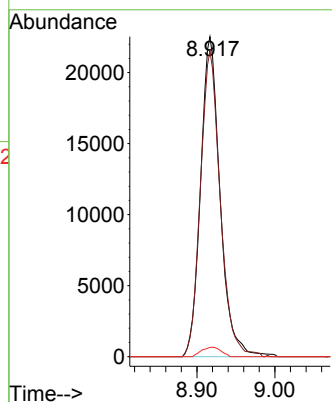
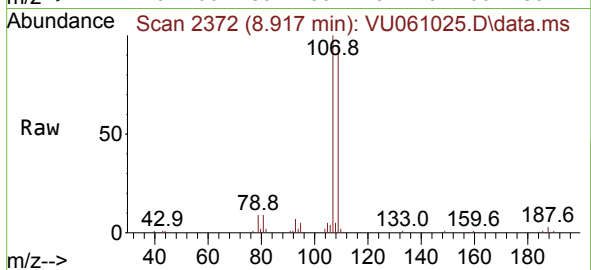
Acq: 26 Sep 2024 17:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107 Resp: 39118
 Ion Ratio Lower Upper
 107 100
 109 95.5 66.8 124.0
 188 2.9 3.4 5.0#



#51

Chlorobenzene

Concen: 4.833 ug/L

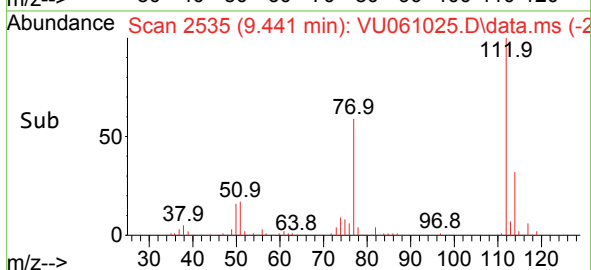
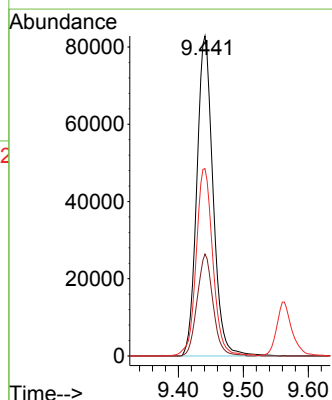
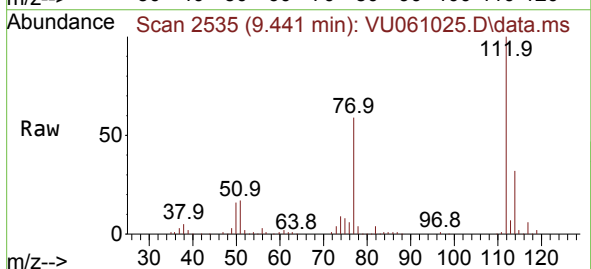
RT: 9.441 min Scan# 2535

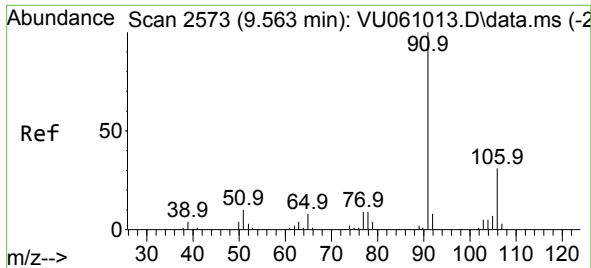
Delta R.T. 0.000 min

Lab File: VU061025.D

Acq: 26 Sep 2024 17:06

Tgt Ion:112 Resp: 144085
 Ion Ratio Lower Upper
 112 100
 114 31.9 22.2 41.2
 77 58.6 46.1 69.1

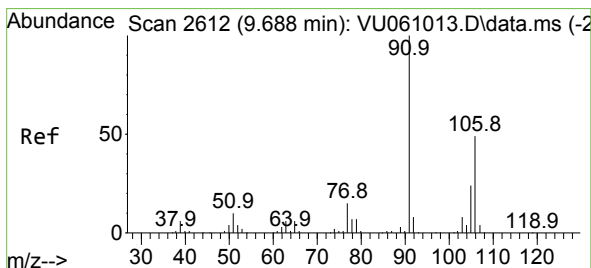
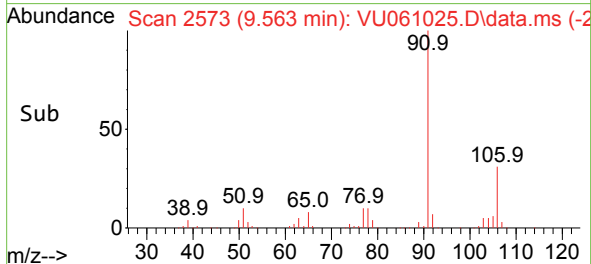
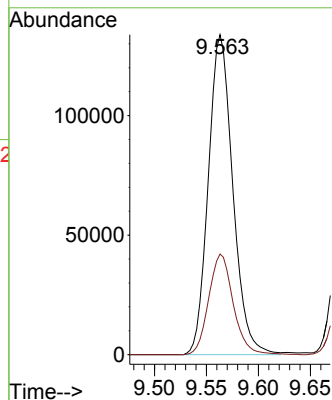
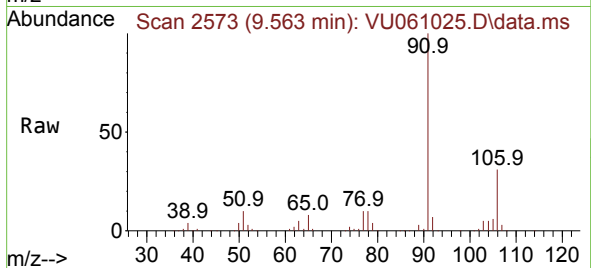




#52
Ethylbenzene
Concen: 4.688 ug/L
RT: 9.563 min Scan# 219097
Delta R.T. 0.000 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

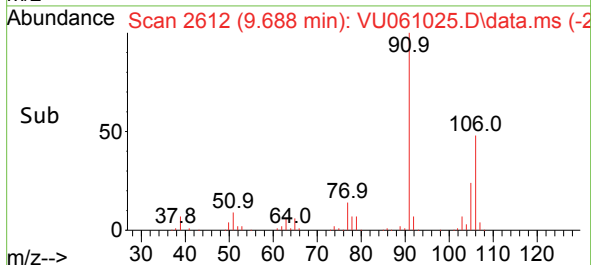
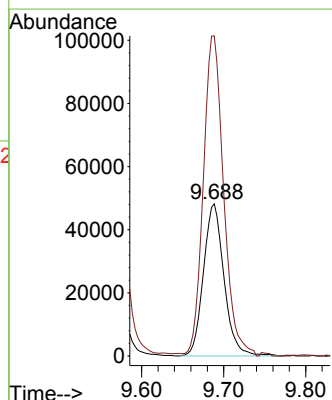
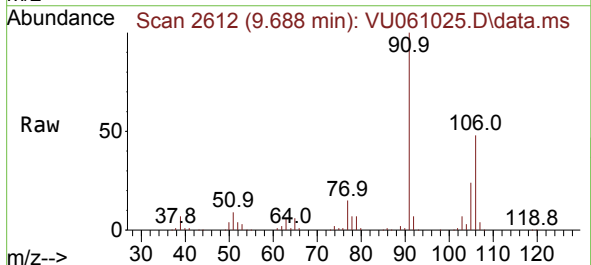
Instrument :
MSVOA_U
ClientSampleId :

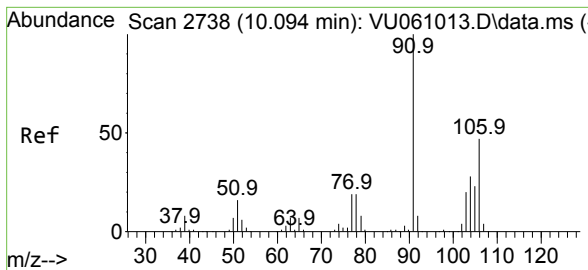
Tgt Ion: 91 Resp: 219097
Ion Ratio Lower Upper
91 100
106 31.4 21.8 40.6



#53
m,p-Xylene
Concen: 4.745 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

Tgt Ion:106 Resp: 84084
Ion Ratio Lower Upper
106 100
91 210.4 139.7 259.4

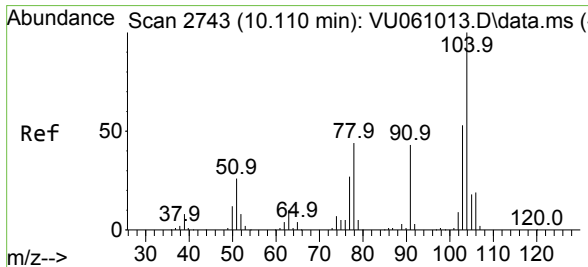
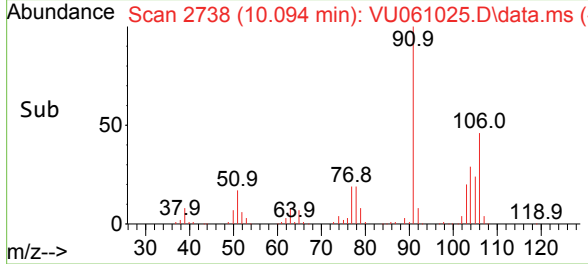
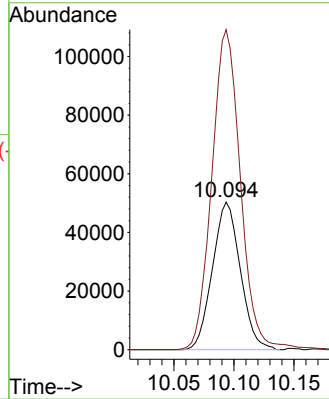
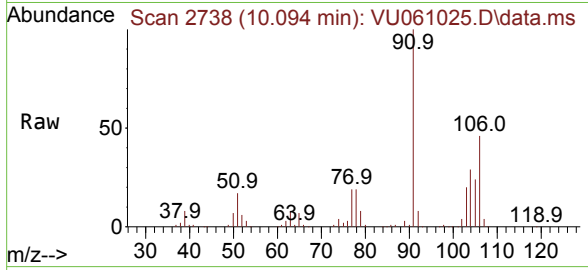




#54
o-Xylene
Concen: 4.640 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

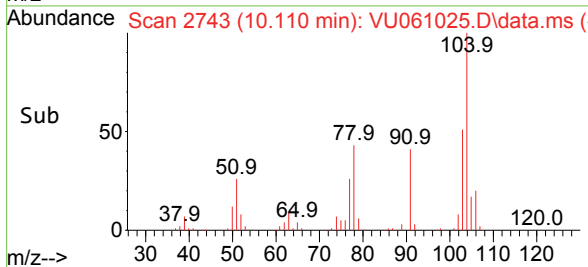
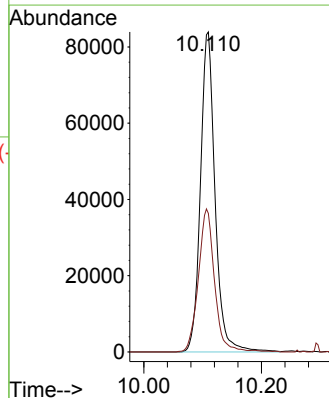
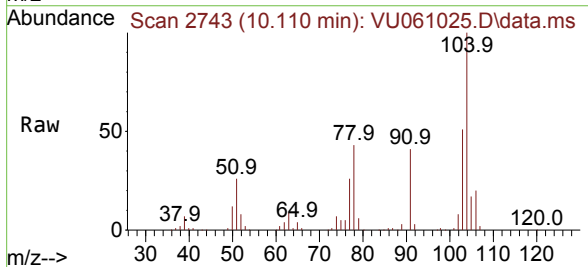
Instrument :
MSVOA_U
ClientSampleId :

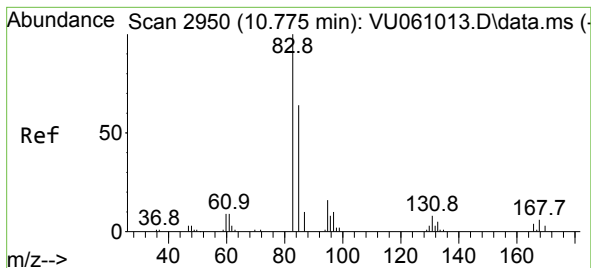
Tgt Ion:106 Resp: 81145
Ion Ratio Lower Upper
106 100
91 216.9 148.6 276.0



#55
Styrene
Concen: 4.913 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

Tgt Ion:104 Resp: 144819
Ion Ratio Lower Upper
104 100
78 43.3 31.7 58.9

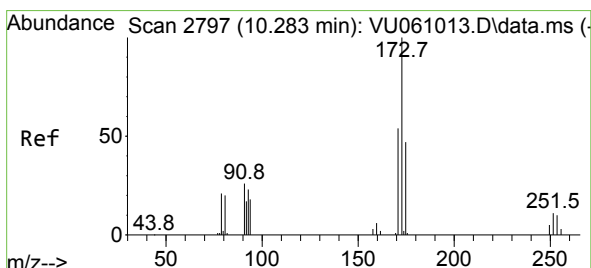
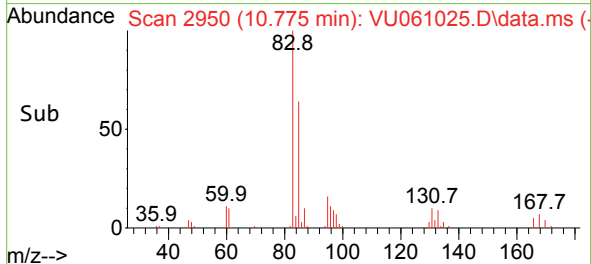
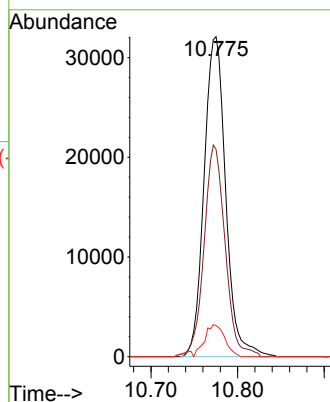
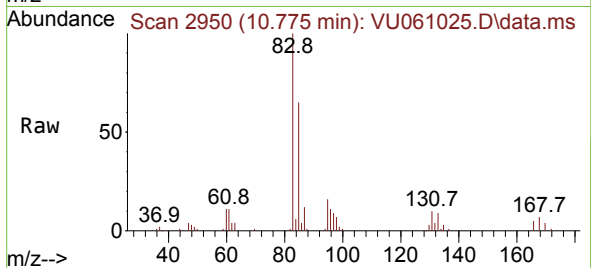




#57
1,1,2,2-Tetrachloroethane
Concen: 5.283 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

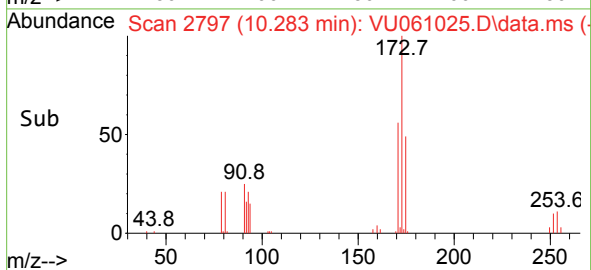
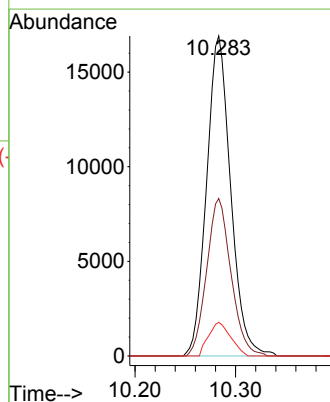
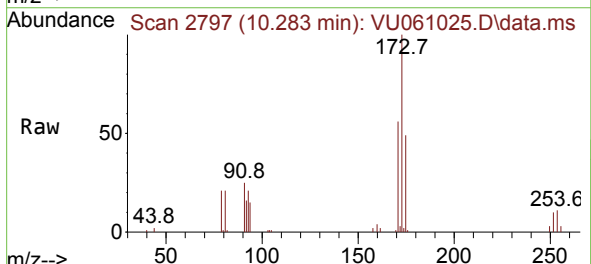
Instrument :
MSVOA_U
ClientSampleId :

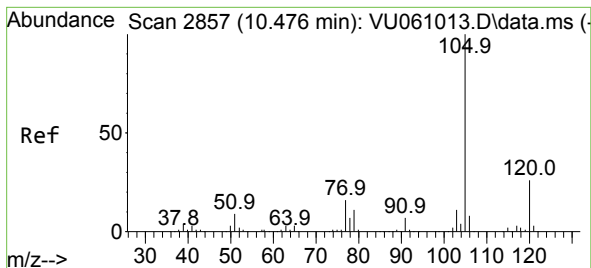
Tgt Ion: 83 Resp: 55657
Ion Ratio Lower Upper
83 100
85 64.8 42.9 79.7
131 9.8 8.4 12.6



#59
Bromoform
Concen: 4.966 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

Tgt Ion: 173 Resp: 28142
Ion Ratio Lower Upper
173 100
175 49.6 39.1 58.7
254 9.6 8.7 13.1





#60

Isopropylbenzene

Concen: 4.860 ug/L

RT: 10.476 min Scan# 216554

Delta R.T. 0.000 min

Lab File: VU061025.D

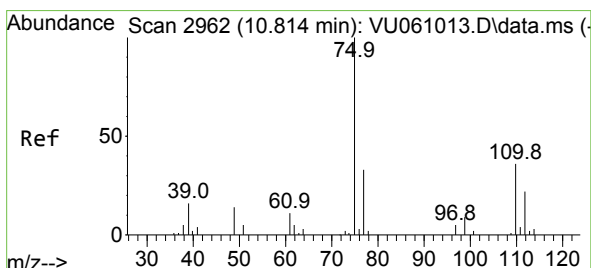
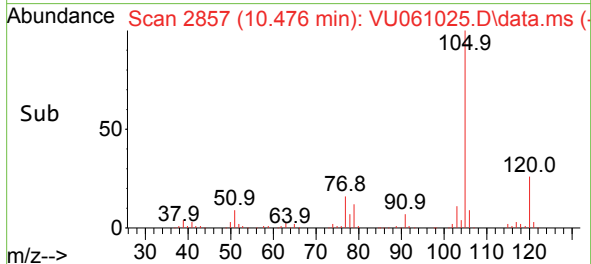
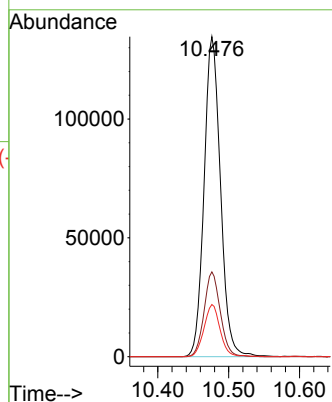
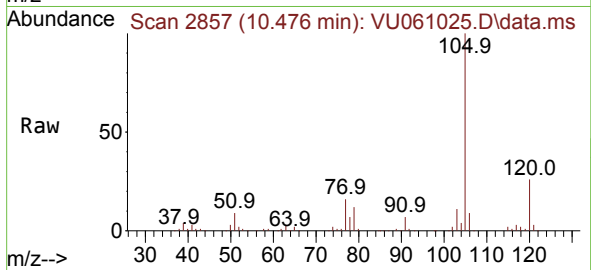
Acq: 26 Sep 2024 17:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	216554
Ion Ratio	Lower	Upper	
105	100		
120	26.1	21.5	32.3
77	15.9	12.6	18.8



#61

1,2,3-Trichloropropane

Concen: 5.278 ug/L

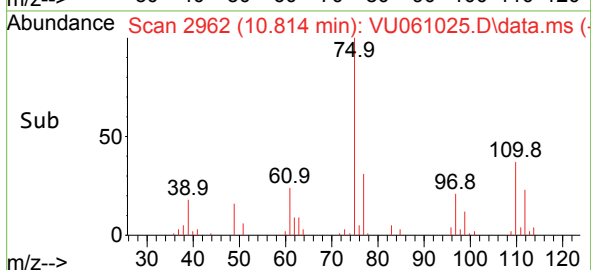
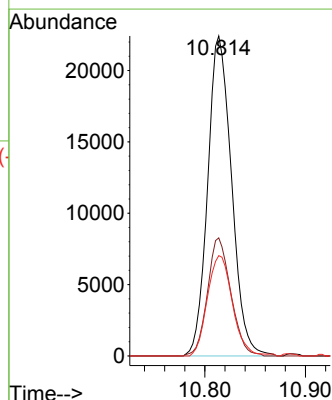
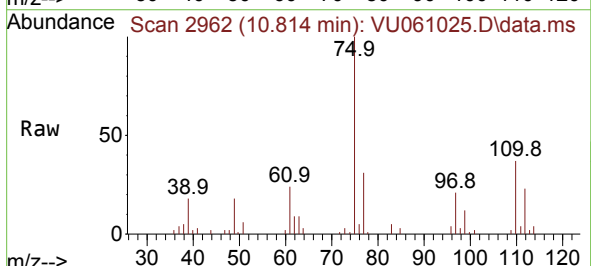
RT: 10.814 min Scan# 2962

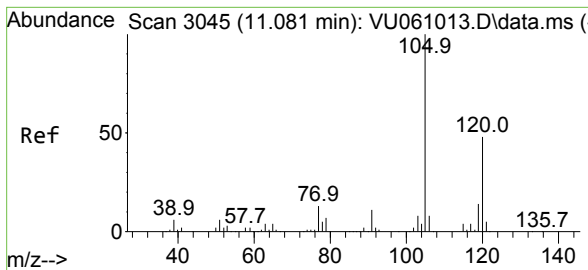
Delta R.T. 0.000 min

Lab File: VU061025.D

Acq: 26 Sep 2024 17:06

Tgt Ion:	75	Resp:	37018
Ion Ratio	Lower	Upper	
75	100		
110	36.0	28.6	43.0
77	32.9	26.3	39.5

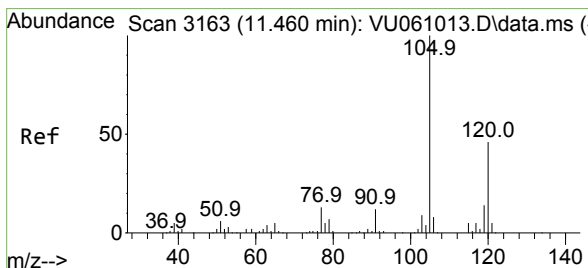
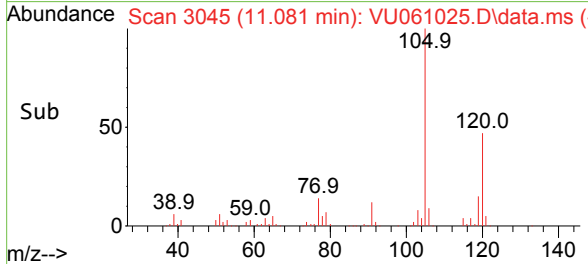
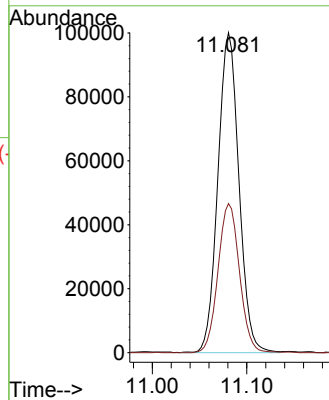
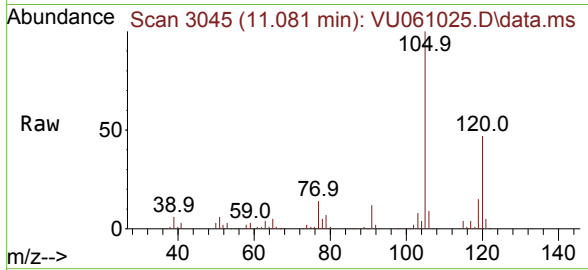




#62
1,3,5-Trimethylbenzene
Concen: 4.468 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

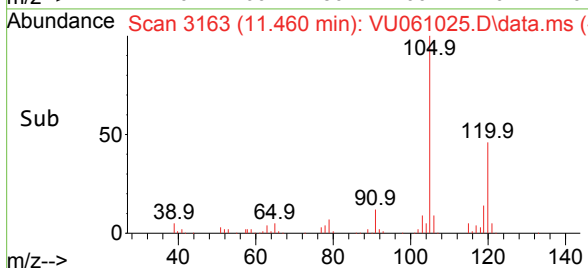
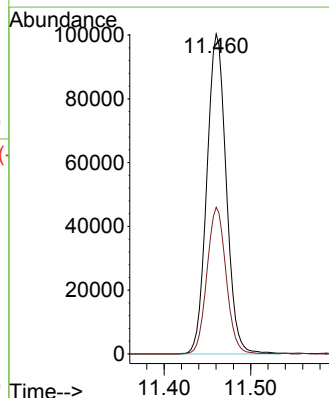
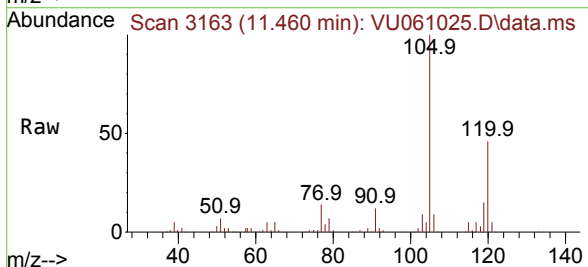
Instrument :
MSVOA_U
ClientSampleId :

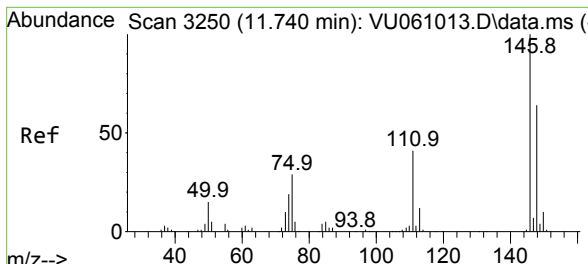
Tgt Ion:105 Resp: 154745
Ion Ratio Lower Upper
105 100
120 47.6 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 4.561 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

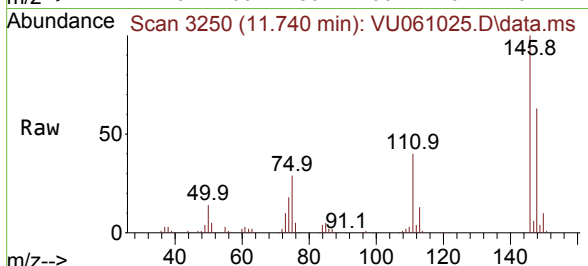
Tgt Ion:105 Resp: 156080
Ion Ratio Lower Upper
105 100
120 45.4 36.1 54.1



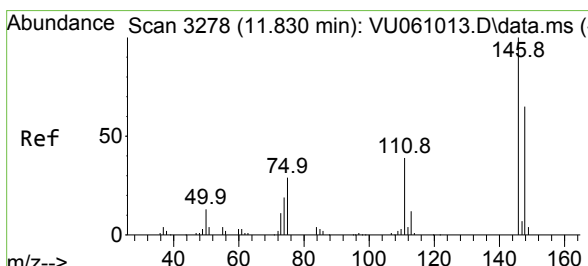
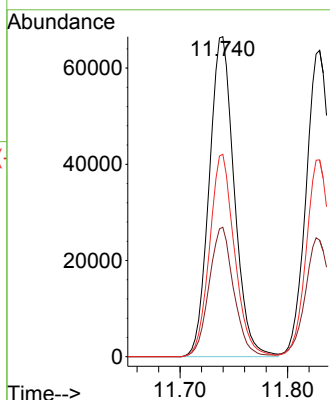
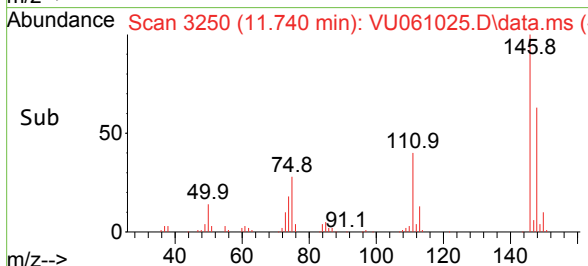


#64
1,3-Dichlorobenzene
Concen: 4.804 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06

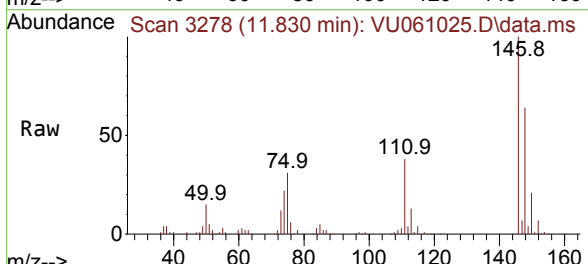
Instrument :
MSVOA_U
ClientSampleId :



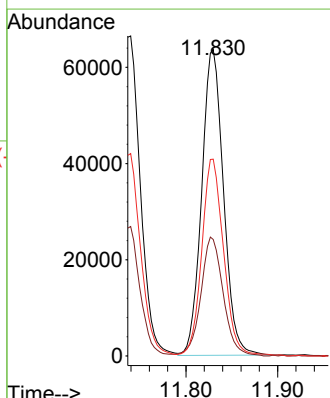
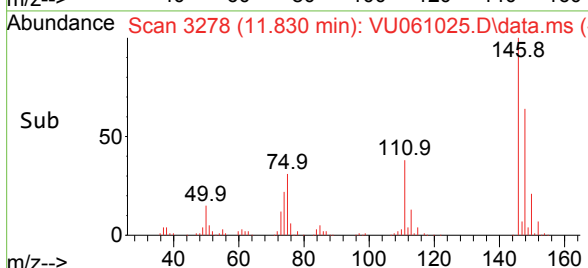
Tgt Ion:146 Resp: 107631
Ion Ratio Lower Upper
146 100
111 40.5 27.5 51.1
148 63.3 43.7 81.1

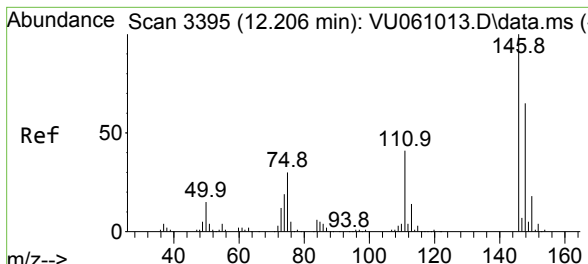


#65
1,4-Dichlorobenzene
Concen: 4.539 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU061025.D
Acq: 26 Sep 2024 17:06



Tgt Ion:146 Resp: 105109
Ion Ratio Lower Upper
146 100
111 38.0 26.3 48.9
148 64.2 45.3 84.1

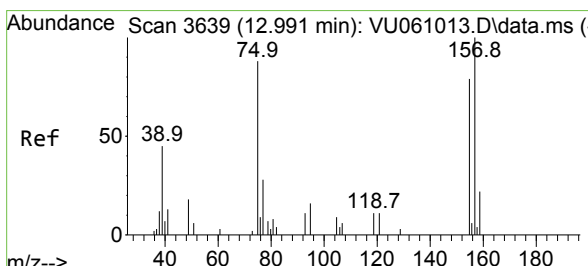
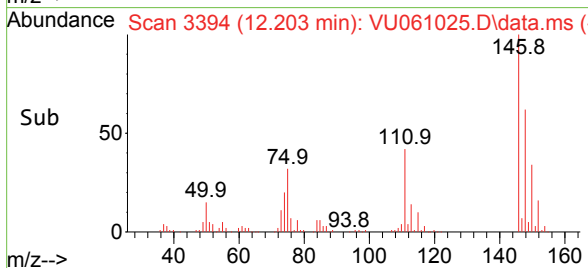
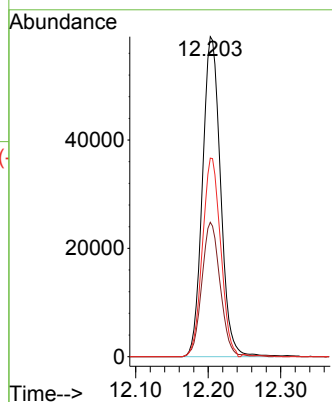
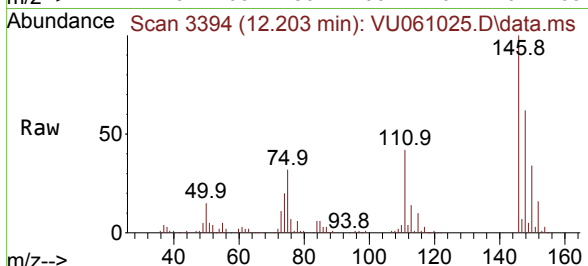




#67
 1,2-Dichlorobenzene
 Concen: 4.833 ug/L
 RT: 12.203 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU061025.D
 Acq: 26 Sep 2024 17:06

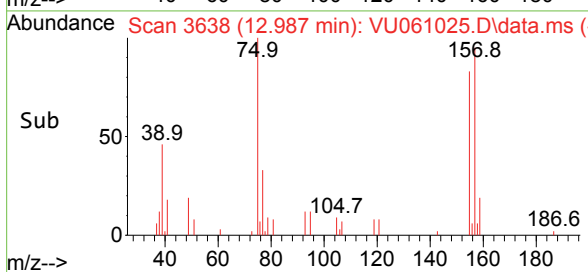
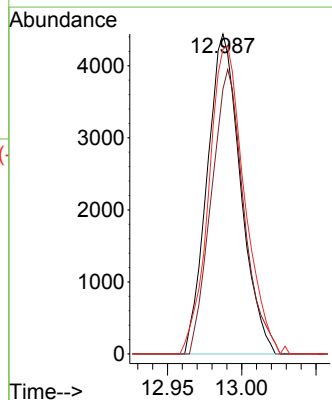
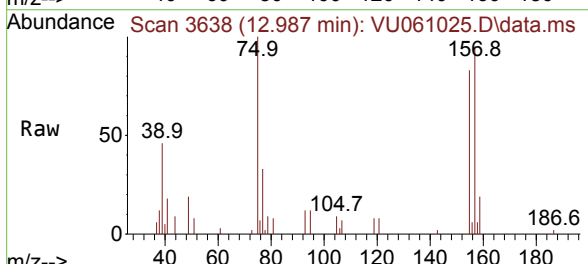
Instrument :
 MSVOA_U
 ClientSampleId :

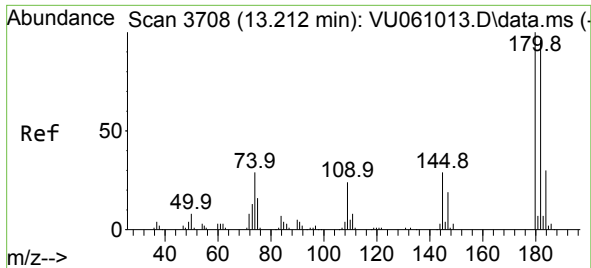
Tgt Ion:146 Resp: 102381
 Ion Ratio Lower Upper
 146 100
 111 42.0 33.4 50.0
 148 62.0 50.9 76.3



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.072 ug/L
 RT: 12.987 min Scan# 3638
 Delta R.T. -0.003 min
 Lab File: VU061025.D
 Acq: 26 Sep 2024 17:06

Tgt Ion: 75 Resp: 6946
 Ion Ratio Lower Upper
 75 100
 155 82.7 73.1 109.7
 157 95.3 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 4.125 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.000 min

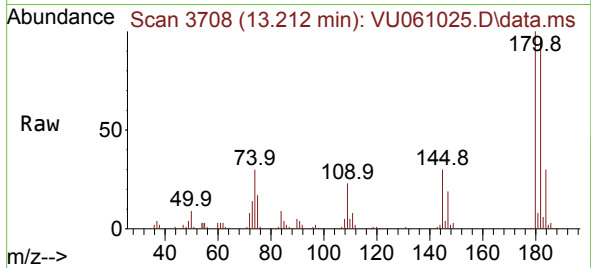
Lab File: VU061025.D

Acq: 26 Sep 2024 17:06

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 69134

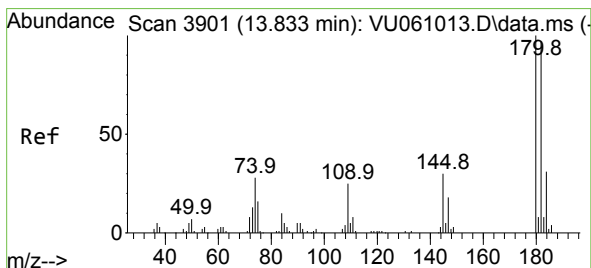
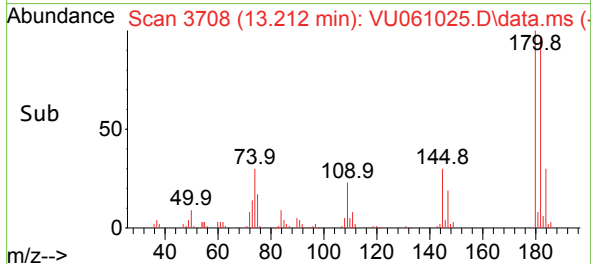
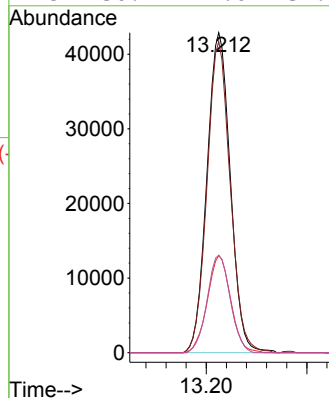
Ion Ratio Lower Upper

180 100

182 96.5 74.5 111.7

184 30.3 23.2 34.8

145 30.1 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 4.455 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061025.D

Acq: 26 Sep 2024 17:06

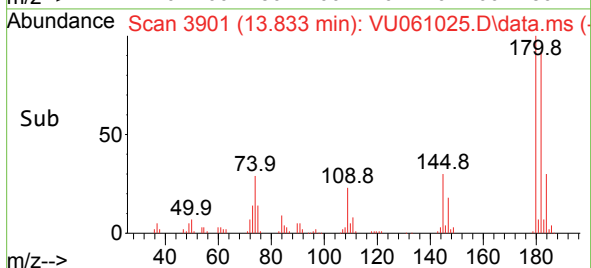
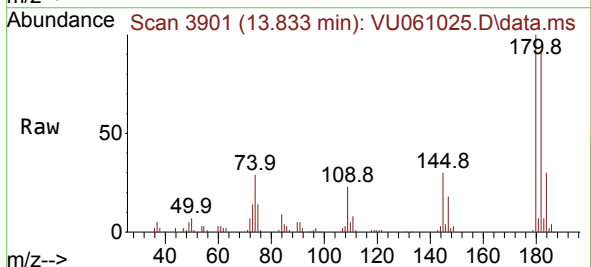
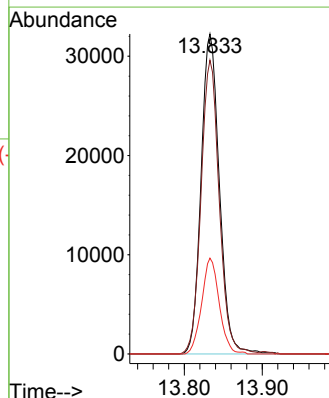
Tgt Ion:180 Resp: 52592

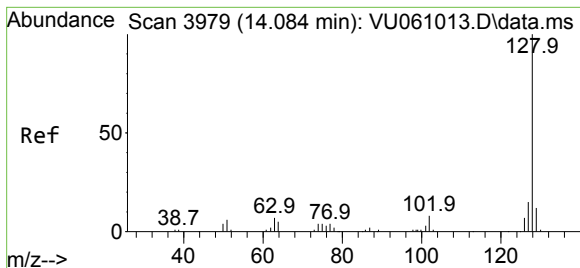
Ion Ratio Lower Upper

180 100

182 91.3 77.4 116.2

145 28.8 22.9 34.3





#71

Naphthalene

Concen: 4.358 ug/L

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU061025.D

Acq: 26 Sep 2024 17:06

Instrument :

MSVOA_U

ClientSampleId :

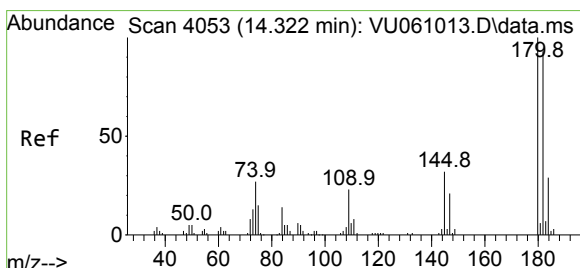
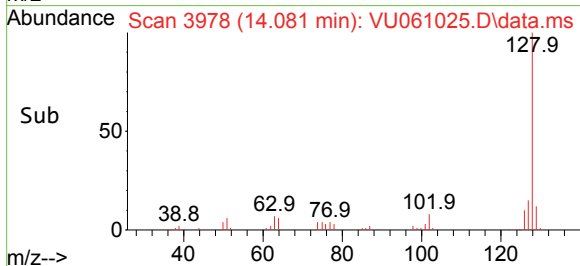
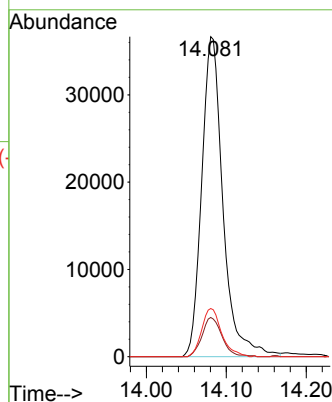
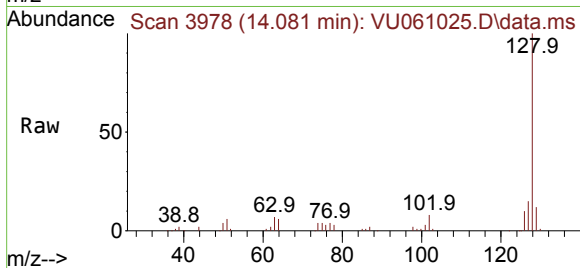
Tgt Ion:128 Resp: 67859

Ion Ratio Lower Upper

128 100

129 11.5 8.3 12.5

127 14.1 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 4.717 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU061025.D

Acq: 26 Sep 2024 17:06

Tgt Ion:180 Resp: 48112

Ion Ratio Lower Upper

180 100

182 91.4 75.7 113.5

145 30.0 23.5 35.3

