

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022924\
 Data File : VU057975.D
 Acq On : 29 Feb 2024 16:14
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 01 05:27:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 01 05:18:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	151918	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	144954	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71192	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53486	4.893	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.800%
7) Chloroethane-d5	1.908	69	44443	4.947	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.560	65	23314	4.929	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	4.612	46	97351	54.055	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.120%
24) Chloroform-d	5.055	84	104490	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.695	65	49070	5.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.721	84	208778	4.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.682	67	63628	4.955	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.894	98	190174	4.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	8.177	79	21966	4.974	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.624	63	80376	54.210	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.420%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	40914	5.196	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	60359	5.148	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	45820	4.978	ug/L	100
3) Chloromethane	1.515	50	53375	4.959	ug/L	100
5) Vinyl chloride	1.599	62	58063	5.015	ug/L	98
6) Bromomethane	1.853	94	31194	5.116	ug/L	99
8) Chloroethane	1.930	64	37571	5.154	ug/L	96
9) Trichlorofluoromethane	2.133	101	82880	5.025	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	51449	4.990	ug/L	98
12) 1,1-Dichloroethene	2.576	96	46505	5.074	ug/L	86
13) Acetone	2.612	43	69473	51.836	ug/L	98
14) Carbon disulfide	2.789	76	141410	4.989	ug/L	99
15) Methyl Acetate	2.943	43	15861	5.333	ug/L	97
16) Methylene chloride	3.036	84	62743	5.632	ug/L	100
17) Methyl tert-butyl Ether	3.351	73	111595	5.148	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	48728	4.880	ug/L	97
19) 1,1-Dichloroethane	3.859	63	101303	5.086	ug/L	97
21) 2-Butanone	4.689	43	110061	52.116	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	55557	5.058	ug/L	98
23) Bromochloromethane	4.965	128	21366	5.239	ug/L	97
25) Chloroform	5.078	83	103194	5.075	ug/L	99

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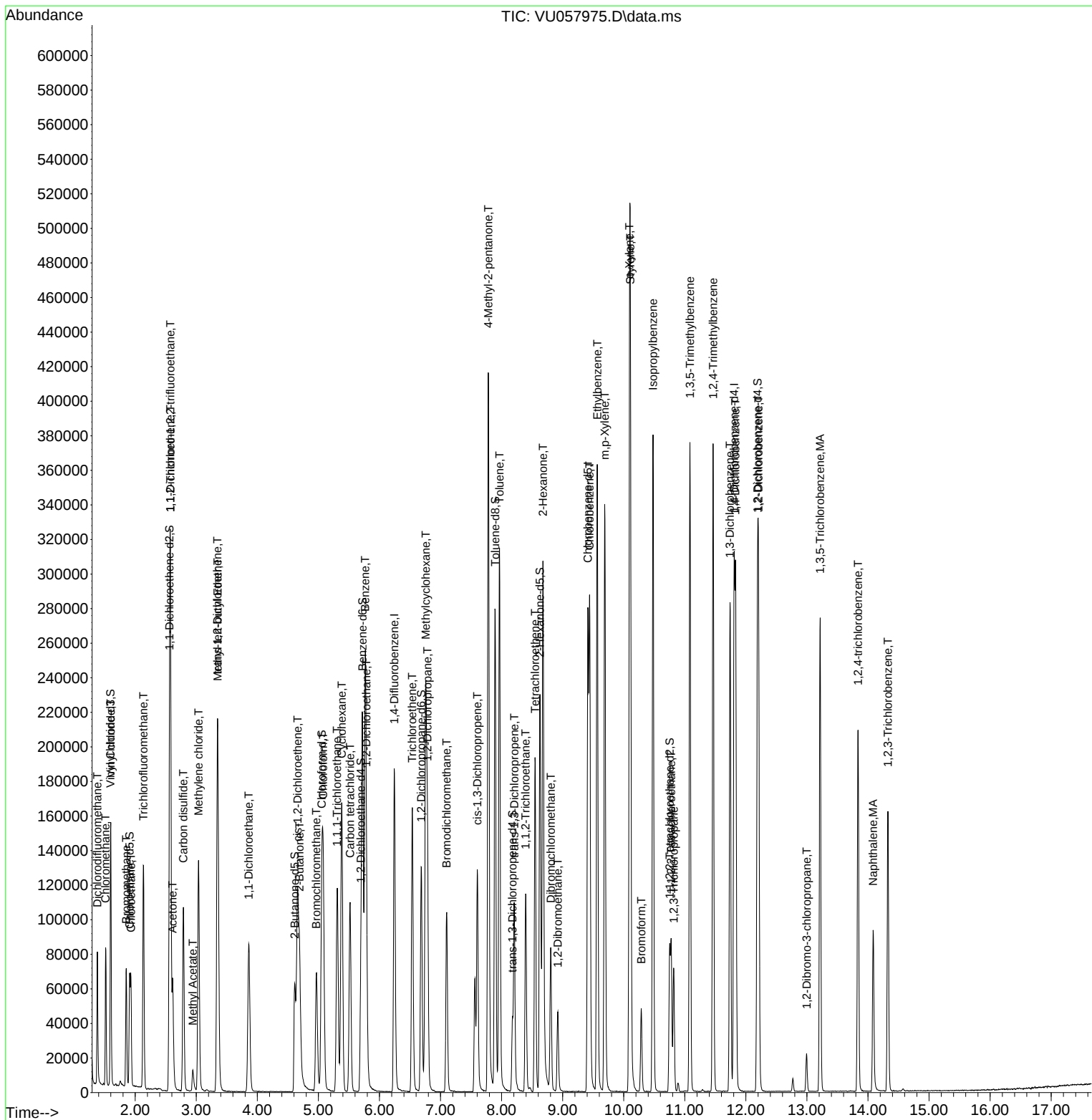
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 ClientSampleId :

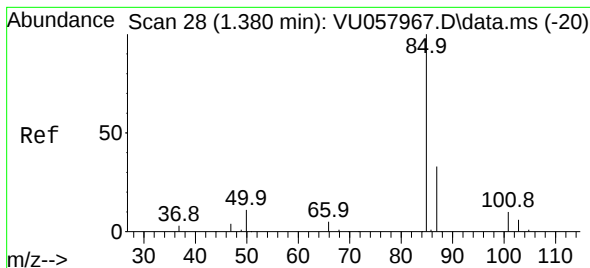
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	59642	5.298	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	84557	4.901	ug/L	99
30) Cyclohexane	5.380	56	86131	4.944	ug/L	99
31) Carbon tetrachloride	5.518	117	74409	4.963	ug/L	99
33) Benzene	5.766	78	222143	4.994	ug/L	100
34) Trichloroethene	6.538	95	58150	4.969	ug/L	97
35) Methylcyclohexane	6.756	83	90808	5.062	ug/L	98
37) 1,2-Dichloropropane	6.785	63	56357	4.914	ug/L	100
38) Bromodichloromethane	7.100	83	69855	5.020	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	80201	5.075	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	279051	52.887	ug/L	100
42) Toluene	7.965	91	232564	5.021	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	64225	5.100	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	35206	5.177	ug/L	98
47) Tetrachloroethene	8.547	164	39826	4.905	ug/L	97
48) 2-Hexanone	8.676	43	202588	52.356	ug/L	96
49) Dibromochloromethane	8.804	129	41590	5.166	ug/L	97
50) 1,2-Dibromoethane	8.920	107	31303	5.186	ug/L	98
51) Chlorobenzene	9.441	112	145642	5.014	ug/L	97
52) Ethylbenzene	9.566	91	261134	5.038	ug/L	100
53) m,p-Xylene	9.689	106	94185	5.086	ug/L	98
54) o-Xylene	10.094	106	92325	5.002	ug/L	99
55) Styrene	10.110	104	150910	5.209	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	42835	5.347	ug/L	99
59) Bromoform	10.287	173	20239	5.097	ug/L	100
60) Isopropylbenzene	10.480	105	238967	5.040	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	29359	5.034	ug/L	94
62) 1,3,5-Trimethylbenzene	11.084	105	203660	5.093	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	204887	5.191	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	108190	5.020	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	106714	5.059	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	98122	5.215	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	6135	5.302	ug/L	98
69) 1,3,5-Trichlorobenzene	13.216	180	78101	5.038	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	60007	5.152	ug/L	98
71) Naphthalene	14.084	128	76964	4.838	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	46440	5.047	ug/L	98

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

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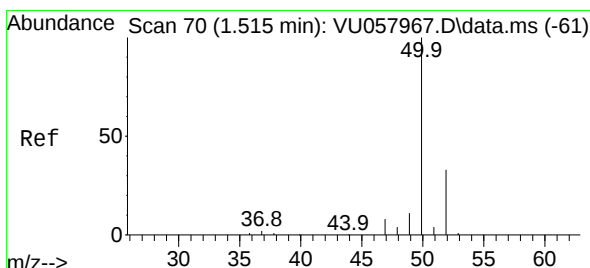
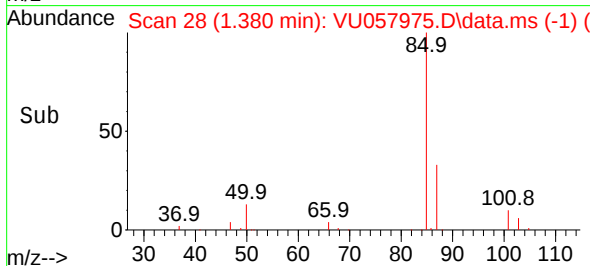
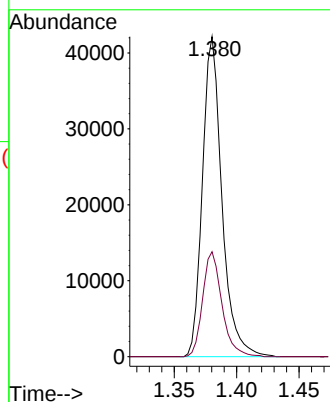
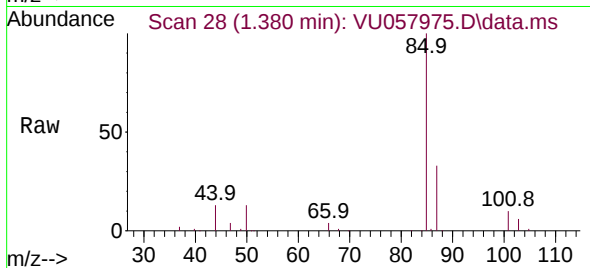




#2
Dichlorodifluoromethane
Concen: 4.978 ug/L
RT: 1.380 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU057975.D
Acq: 29 Feb 2024 16:14

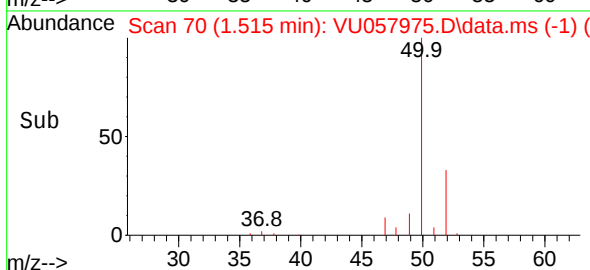
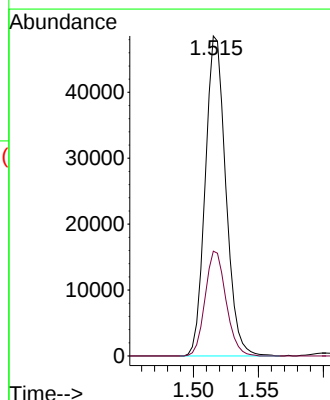
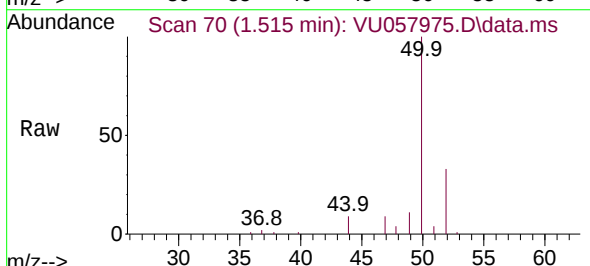
Instrument :
MSVOA_U
ClientSampleId :

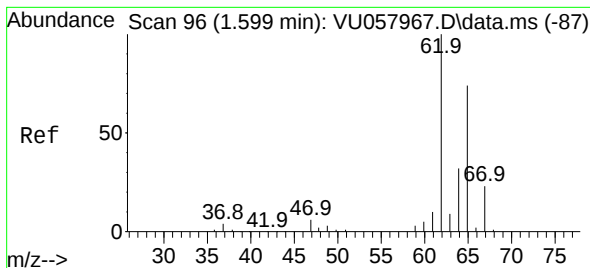
Tgt Ion: 85 Resp: 45820
Ion Ratio Lower Upper
85 100
87 32.5 25.8 38.6



#3
Chloromethane
Concen: 4.959 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU057975.D
Acq: 29 Feb 2024 16:14

Tgt Ion: 50 Resp: 53375
Ion Ratio Lower Upper
50 100
52 32.7 23.1 42.9





#5

Vinyl chloride

Concen: 5.015 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

Instrument :

MSVOA_U

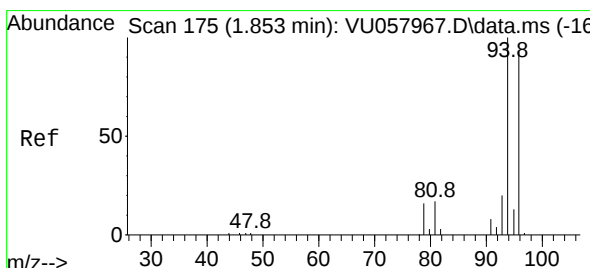
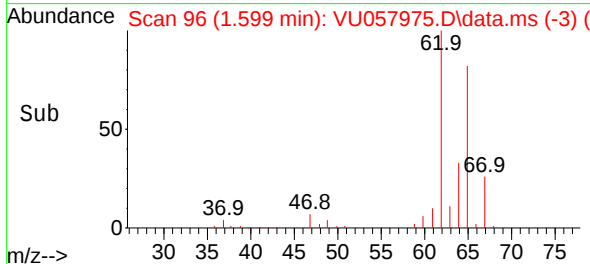
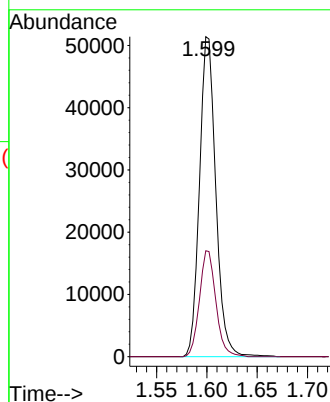
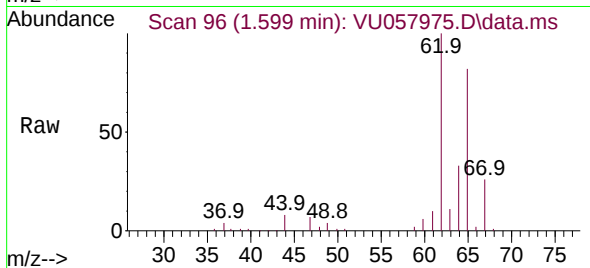
ClientSampleId :

Tgt Ion: 62 Resp: 58063

Ion Ratio Lower Upper

62 100

64 33.1 22.5 41.7



#6

Bromomethane

Concen: 5.116 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU057975.D

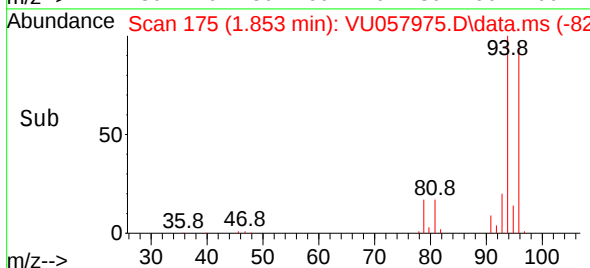
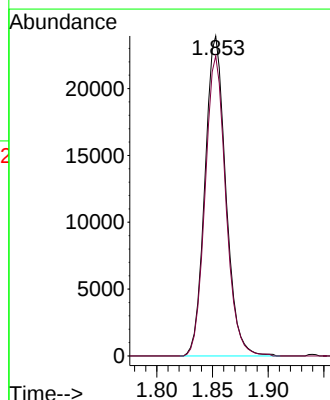
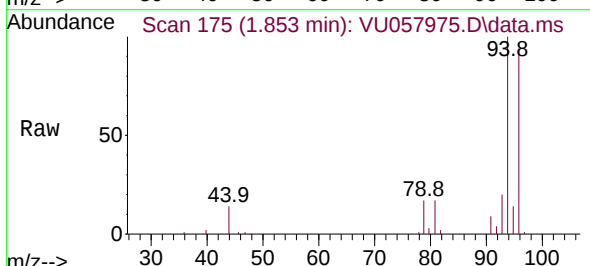
Acq: 29 Feb 2024 16:14

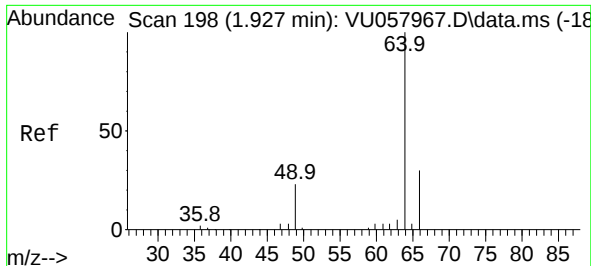
Tgt Ion: 94 Resp: 31194

Ion Ratio Lower Upper

94 100

96 93.8 65.2 121.2





#8

Chloroethane

Concen: 5.154 ug/L

RT: 1.930 min Scan# 198

Delta R.T. 0.003 min

Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

Instrument :

MSVOA_U

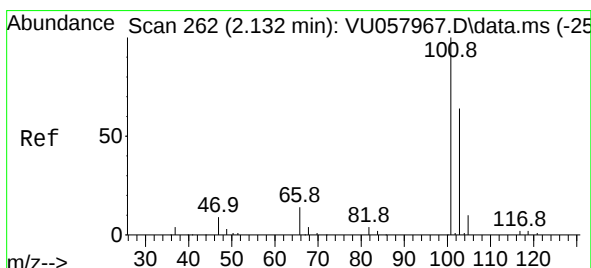
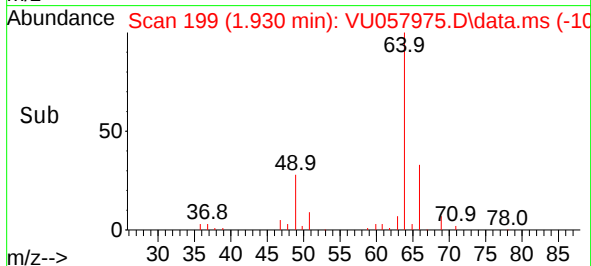
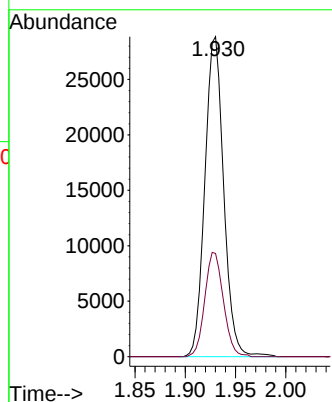
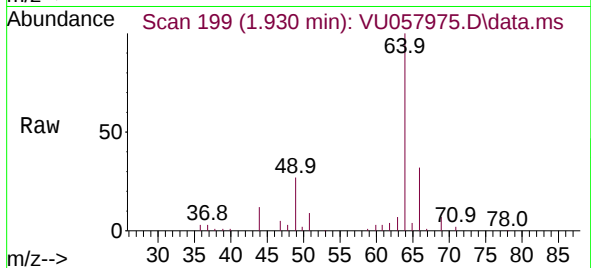
ClientSampleId :

Tgt Ion: 64 Resp: 37571

Ion Ratio Lower Upper

64 100

66 32.2 20.9 38.9



#9

Trichlorofluoromethane

Concen: 5.025 ug/L

RT: 2.133 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU057975.D

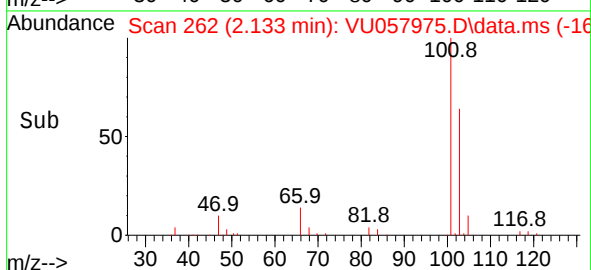
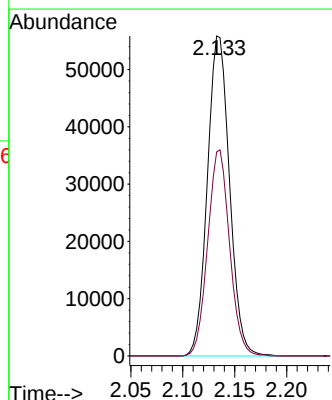
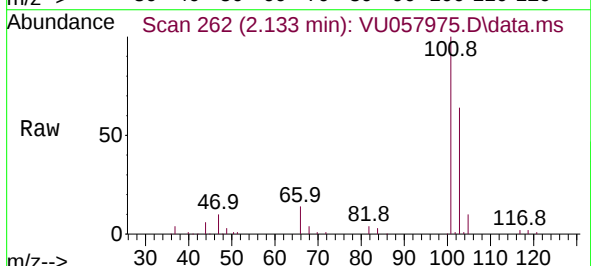
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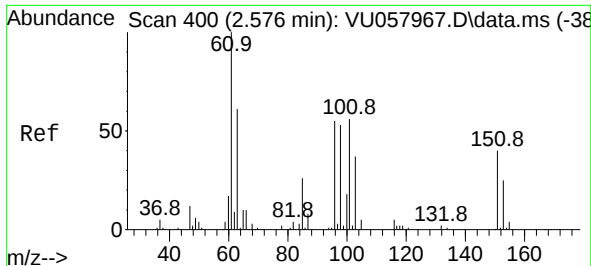
Tgt Ion:101 Resp: 82880

Ion Ratio Lower Upper

101 100

103 63.6 51.4 77.2

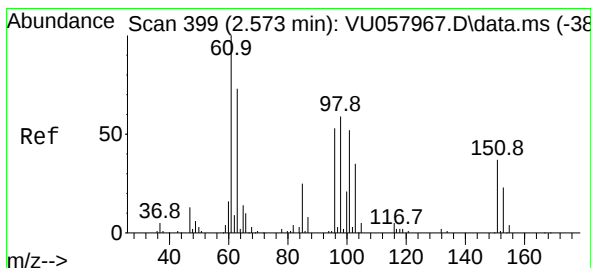
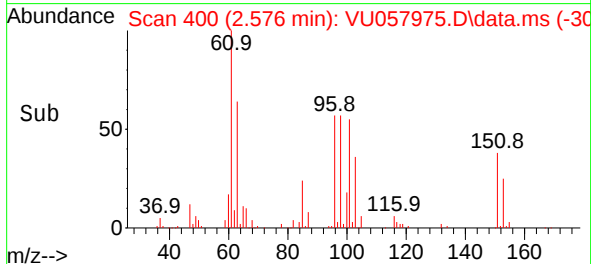
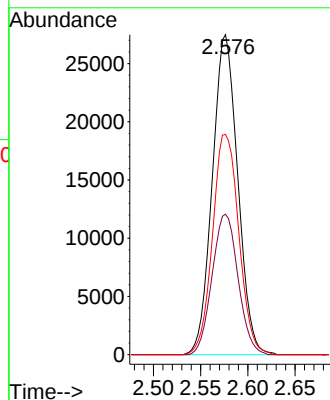
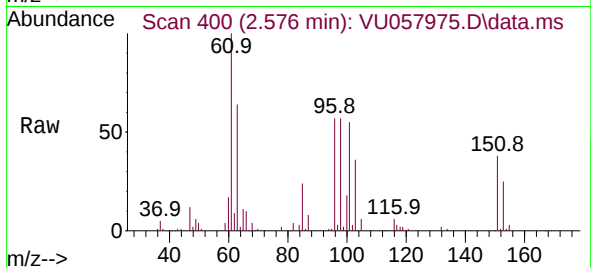




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.990 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU057975.D
Acq: 29 Feb 2024 16:14

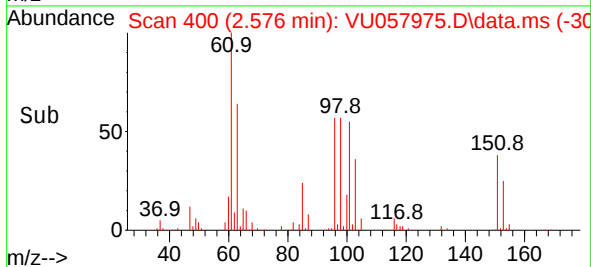
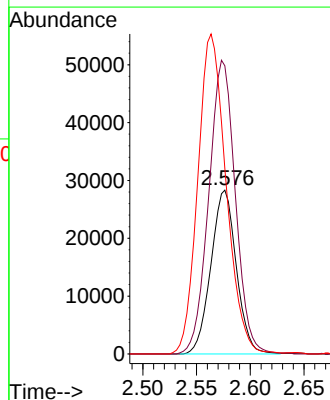
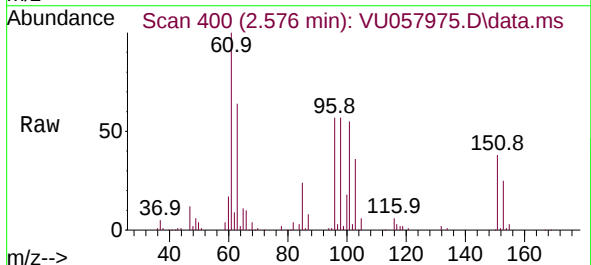
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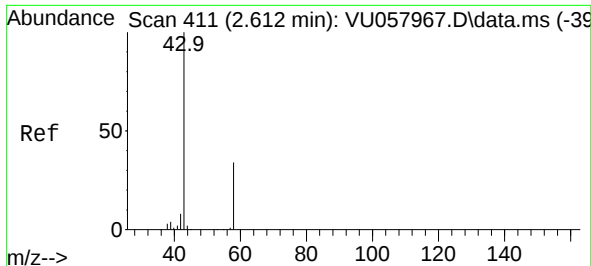
Tgt Ion:101 Resp: 51449
Ion Ratio Lower Upper
101 100
85 44.8 37.3 55.9
151 71.2 56.0 84.0



#12
1,1-Dichloroethene
Concen: 5.074 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU057975.D
Acq: 29 Feb 2024 16:14

Tgt Ion: 96 Resp: 46505
Ion Ratio Lower Upper
96 100
61 175.9 131.8 244.8
63 113.2 98.1 182.1





#13

Acetone

Concen: 51.836 ug/L

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

Instrument :

MSVOA_U

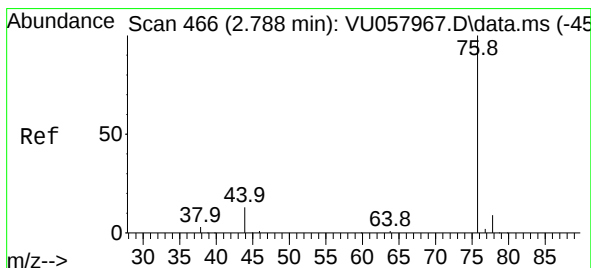
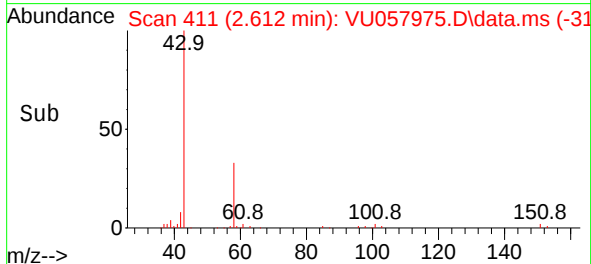
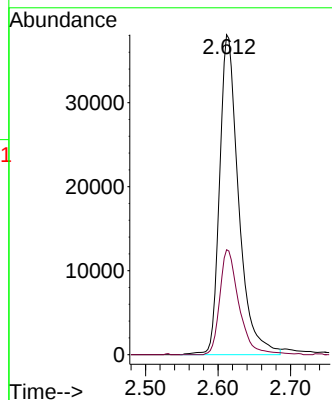
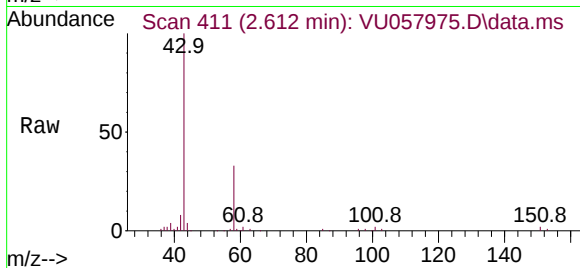
ClientSampleId :

Tgt Ion: 43 Resp: 69473

Ion Ratio Lower Upper

43 100

58 33.2 0.0 63.6



#14

Carbon disulfide

Concen: 4.989 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU057975.D

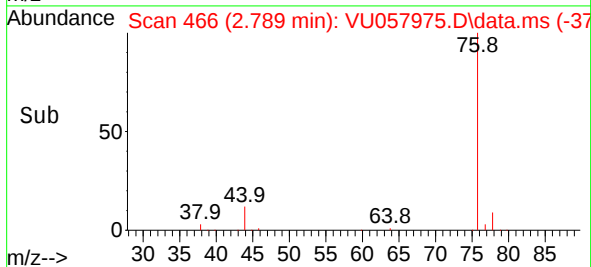
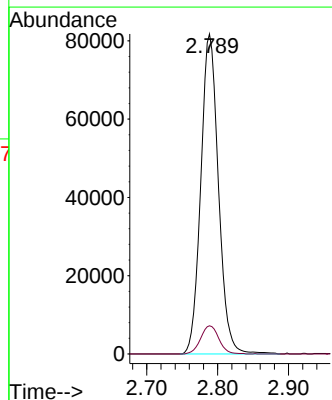
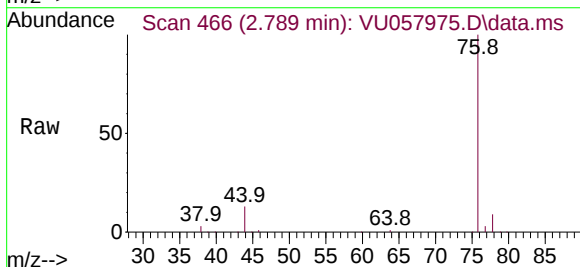
Acq: 29 Feb 2024 16:14

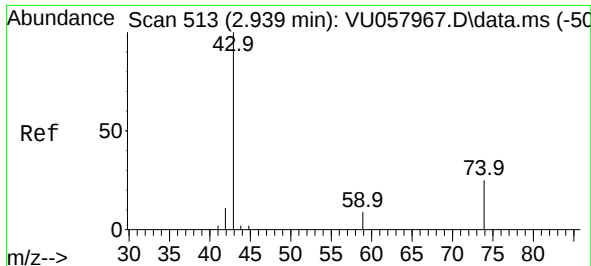
Tgt Ion: 76 Resp: 141410

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9





#15

Methyl Acetate

Concen: 5.333 ug/L

RT: 2.943 min Scan# 513

Delta R.T. 0.003 min

Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

Instrument :

MSVOA_U

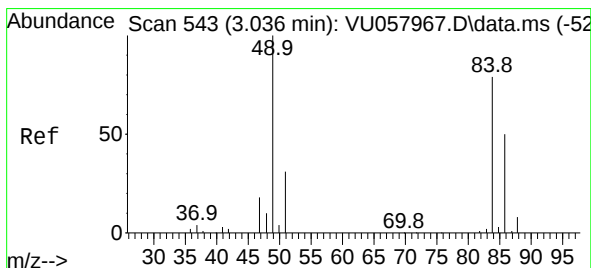
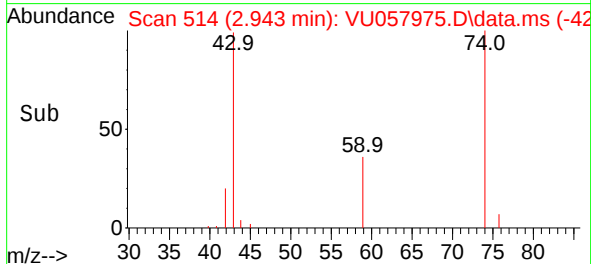
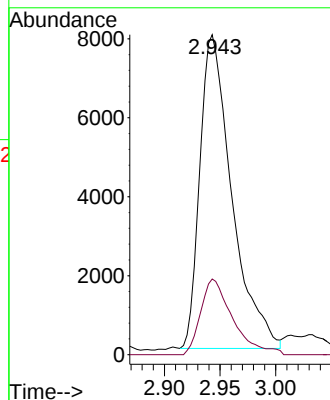
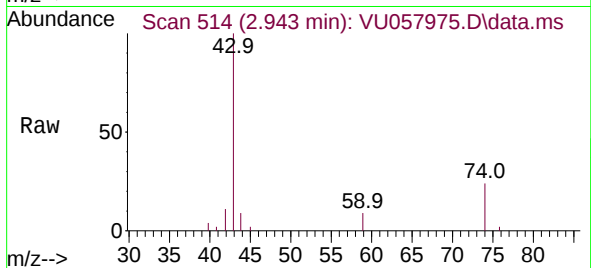
ClientSampleId :

Tgt Ion: 43 Resp: 15861

Ion Ratio Lower Upper

43 100

74 24.2 20.6 31.0



#16

Methylene chloride

Concen: 5.632 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

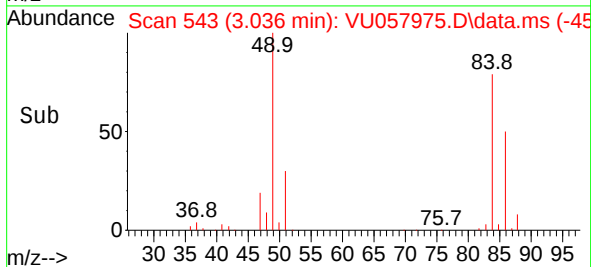
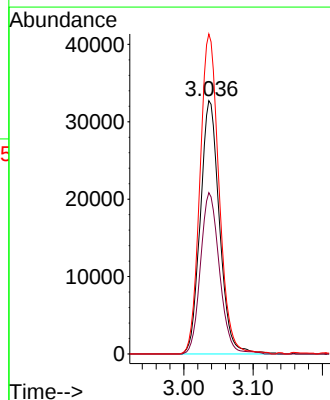
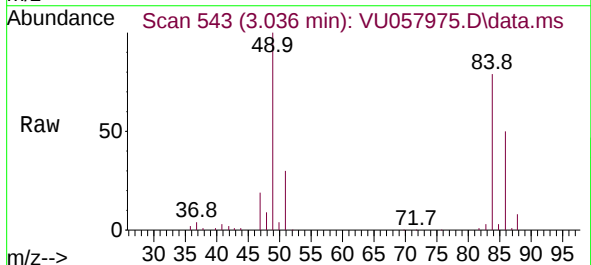
Tgt Ion: 84 Resp: 62743

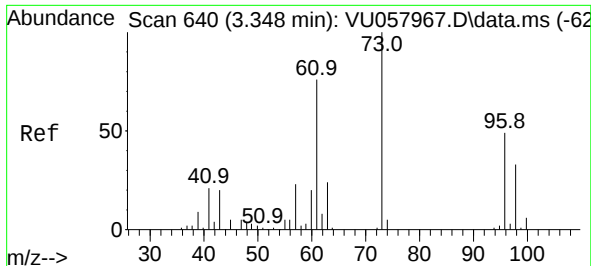
Ion Ratio Lower Upper

84 100

86 63.7 44.4 82.4

49 126.4 88.8 165.0

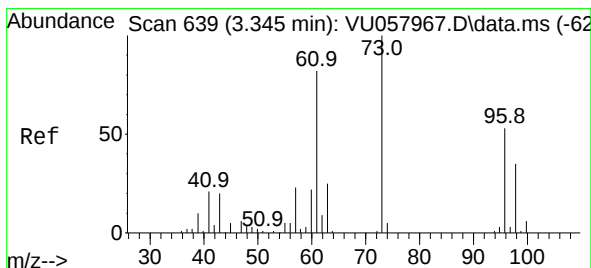
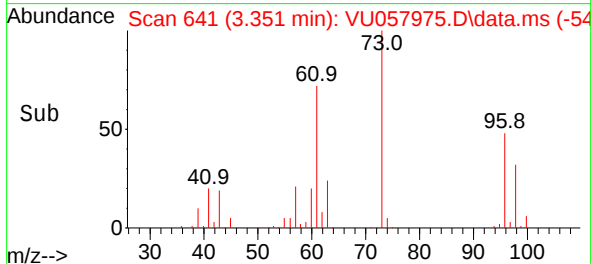
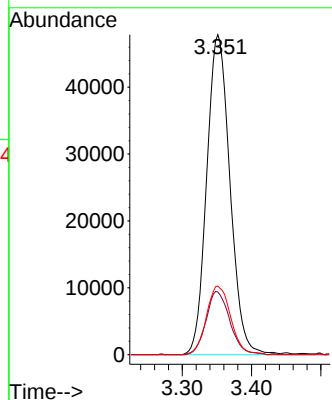
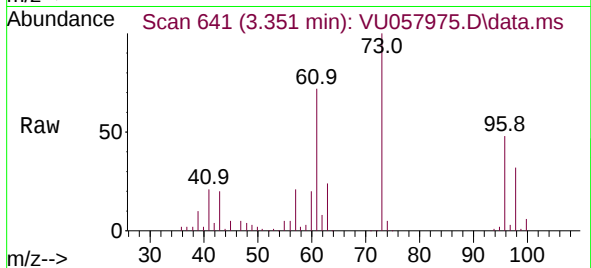




#17
Methyl tert-butyl Ether
Concen: 5.148 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057975.D
Acq: 29 Feb 2024 16:14

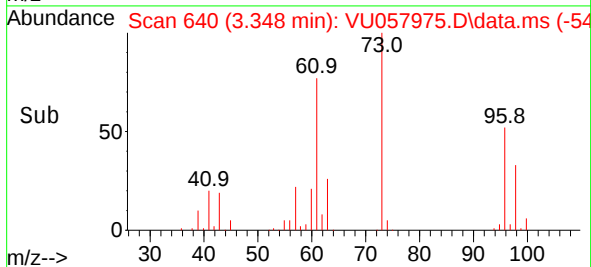
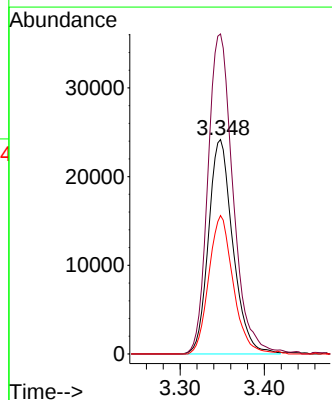
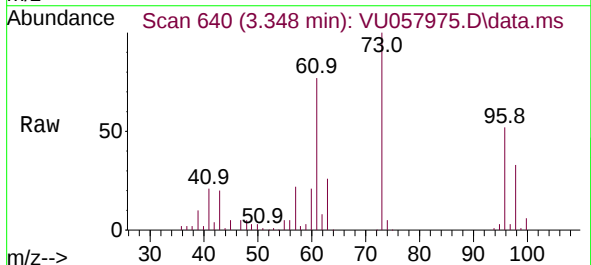
Instrument :
MSVOA_U
ClientSampleId :

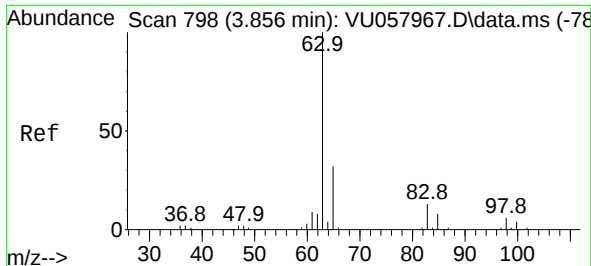
Tgt Ion: 73 Resp: 111595
Ion Ratio Lower Upper
73 100
43 20.3 16.2 24.4
57 22.2 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.880 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU057975.D
Acq: 29 Feb 2024 16:14

Tgt Ion: 96 Resp: 48728
Ion Ratio Lower Upper
96 100
61 149.2 107.7 199.9
98 64.6 45.8 85.0





#19

1,1-Dichloroethane

Concen: 5.086 ug/L

RT: 3.859 min Scan# 798

Delta R.T. 0.003 min

Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

Instrument :

MSVOA_U

ClientSampleId :

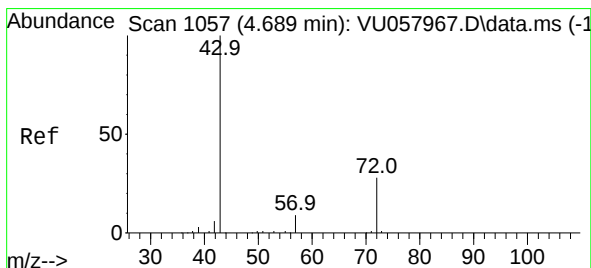
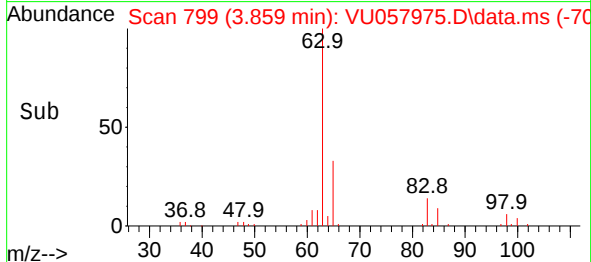
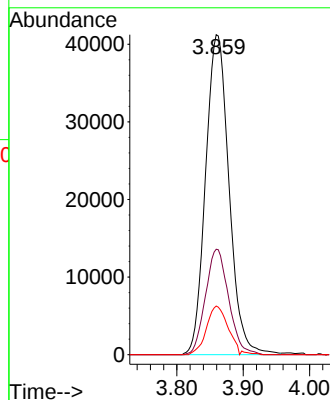
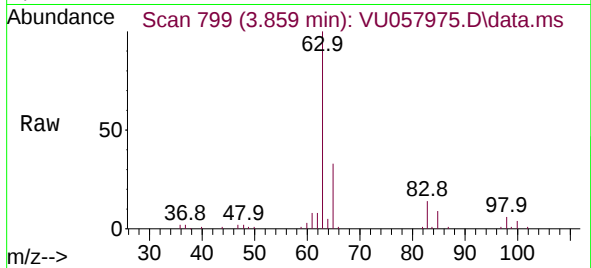
Tgt Ion: 63 Resp: 101303

Ion Ratio Lower Upper

63 100

65 32.9 22.1 41.1

83 15.2 9.0 16.6



#21

2-Butanone

Concen: 52.116 ug/L

RT: 4.689 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VU057975.D

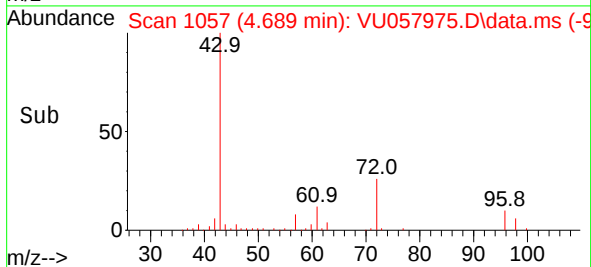
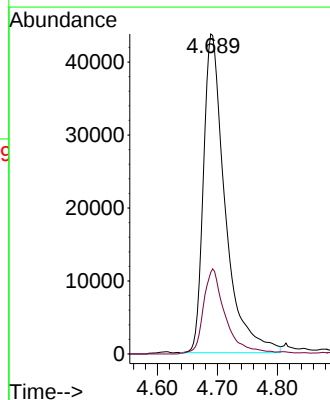
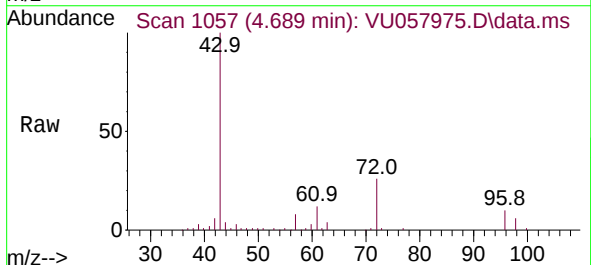
Acq: 29 Feb 2024 16:14

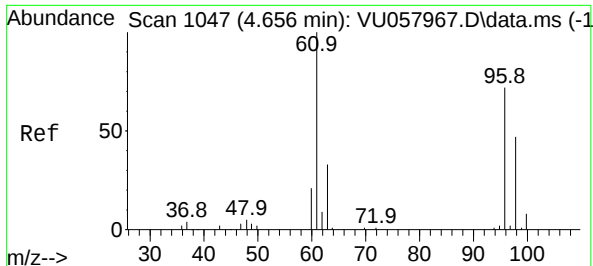
Tgt Ion: 43 Resp: 110061

Ion Ratio Lower Upper

43 100

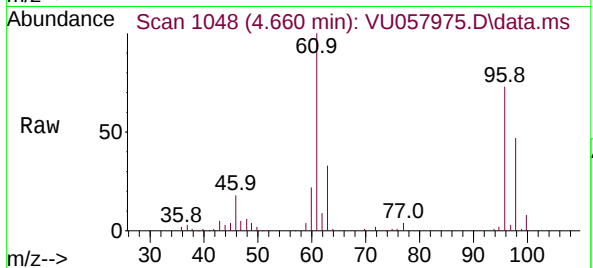
72 27.0 13.0 39.0





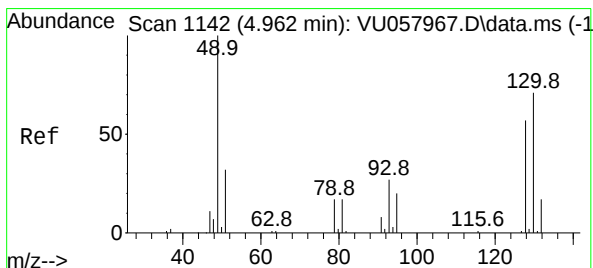
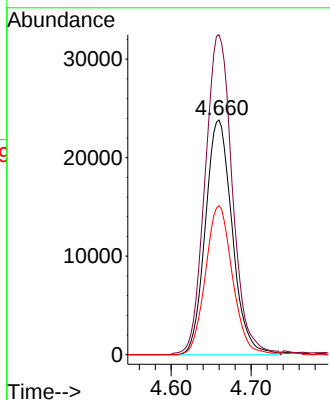
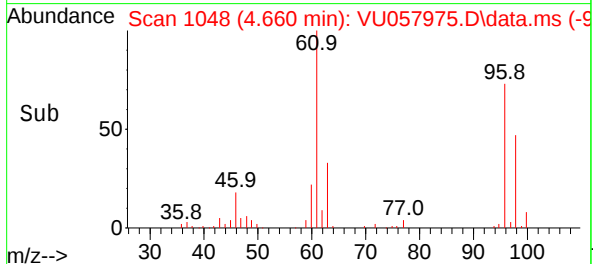
#22
 cis-1,2-Dichloroethene
 Concen: 5.058 ug/L
 RT: 4.660 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU057975.D
 Acq: 29 Feb 2024 16:14

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 55557

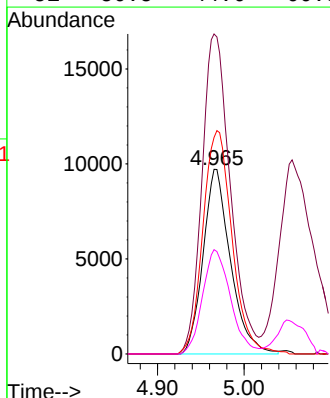
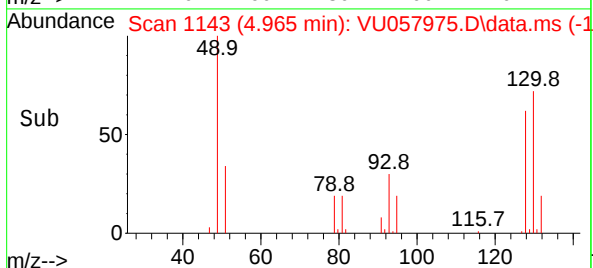
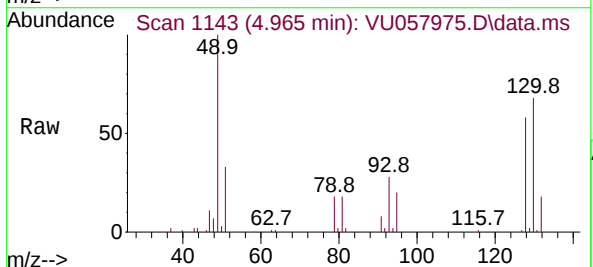
Ion	Ratio	Lower	Upper
96	100		
61	136.4	97.2	180.4
98	63.5	45.5	84.5

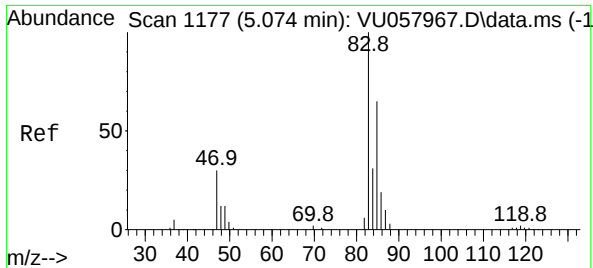


#23
 Bromochloromethane
 Concen: 5.239 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.003 min
 Lab File: VU057975.D
 Acq: 29 Feb 2024 16:14

Tgt Ion: 128 Resp: 21366

Ion	Ratio	Lower	Upper
128	100		
49	173.3	122.0	226.6
130	117.3	86.6	160.8
51	56.5	44.6	66.8





#25

Chloroform

Concen: 5.075 ug/L

RT: 5.078 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

Instrument :

MSVOA_U

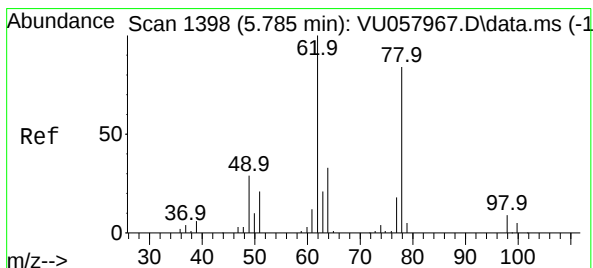
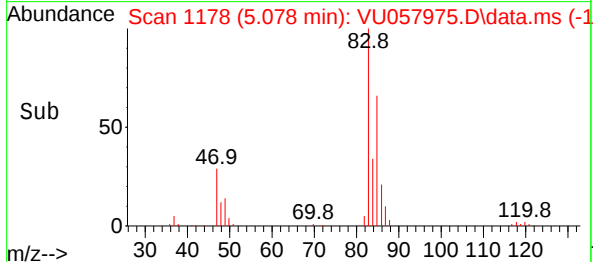
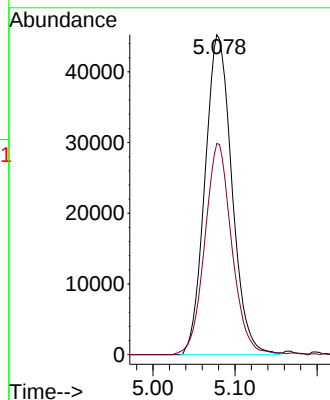
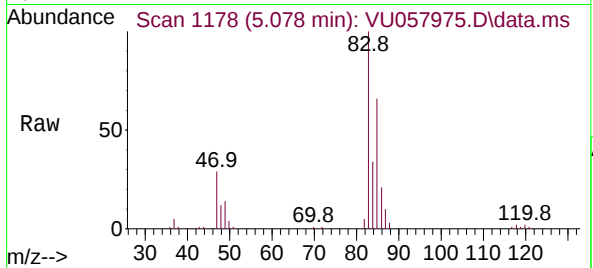
ClientSampleId :

Tgt Ion: 83 Resp: 103194

Ion Ratio Lower Upper

83 100

85 66.0 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.298 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU057975.D

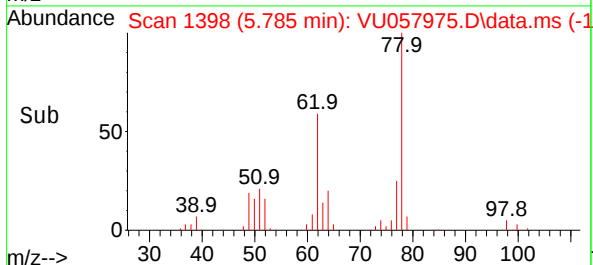
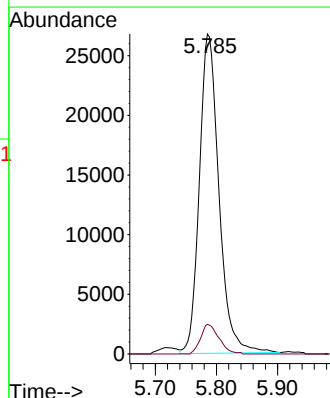
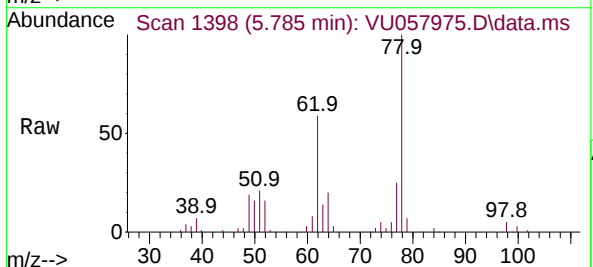
Acq: 29 Feb 2024 16:14

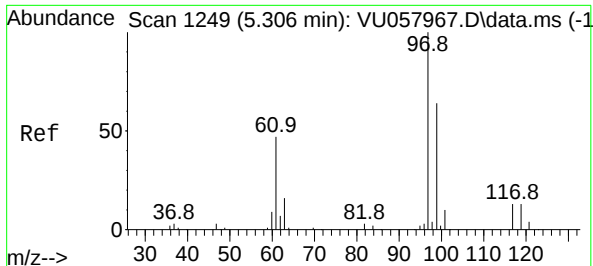
Tgt Ion: 62 Resp: 59642

Ion Ratio Lower Upper

62 100

98 9.3 7.0 10.4

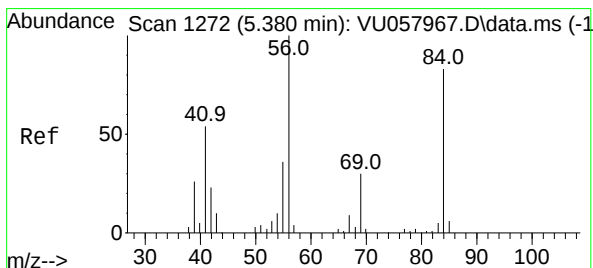
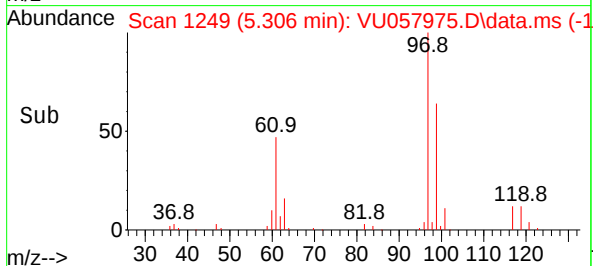
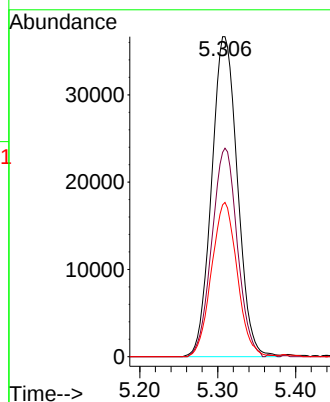
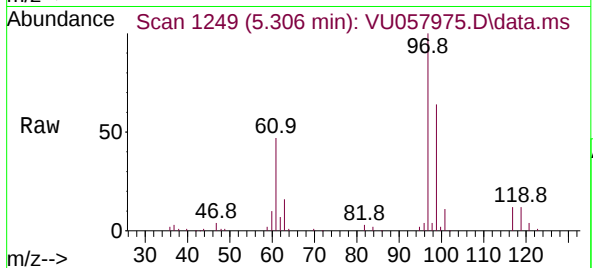




#29
1,1,1-Trichloroethane
Concen: 4.901 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU057975.D
Acq: 29 Feb 2024 16:14

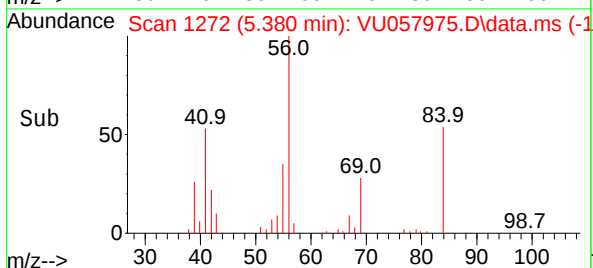
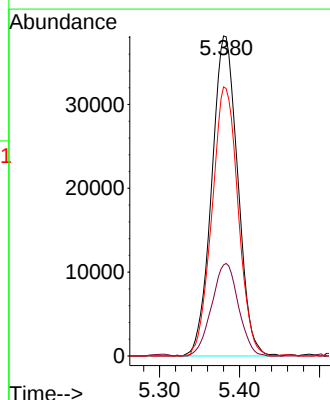
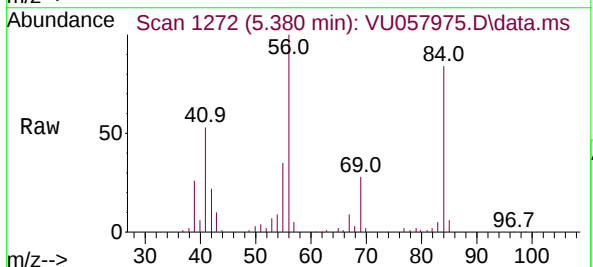
Instrument :
MSVOA_U
ClientSampleId :

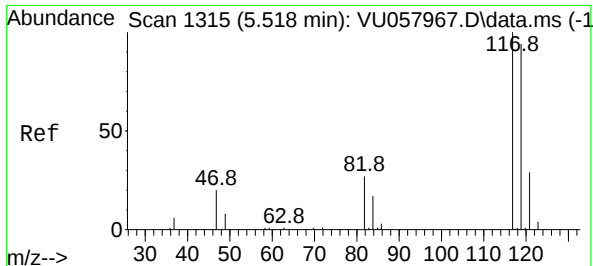
Tgt Ion: 97 Resp: 84557
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 48.0 37.4 56.2



#30
Cyclohexane
Concen: 4.944 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU057975.D
Acq: 29 Feb 2024 16:14

Tgt Ion: 56 Resp: 86131
Ion Ratio Lower Upper
56 100
69 29.7 24.2 36.2
84 84.4 66.6 99.8

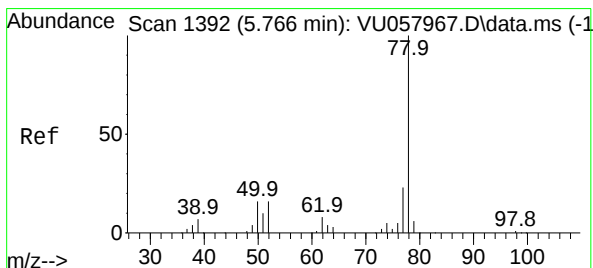
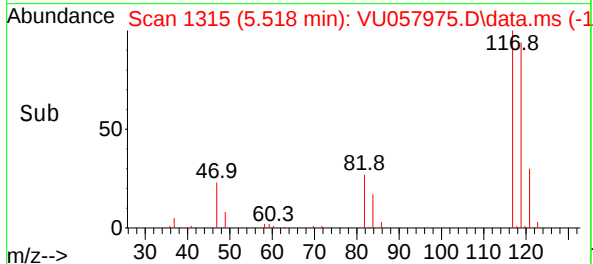
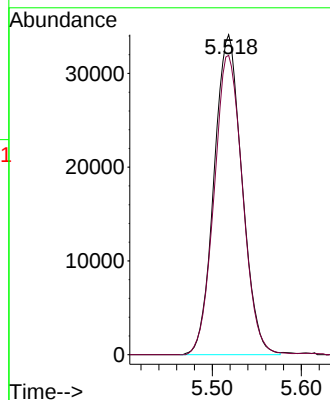
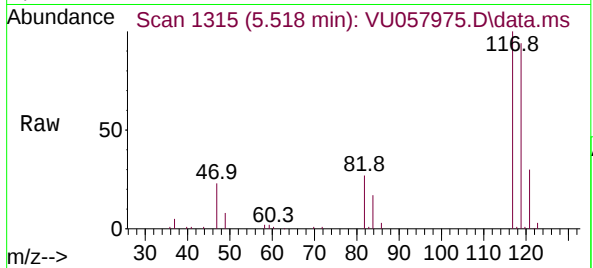




#31
Carbon tetrachloride
Concen: 4.963 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057975.D
Acq: 29 Feb 2024 16:14

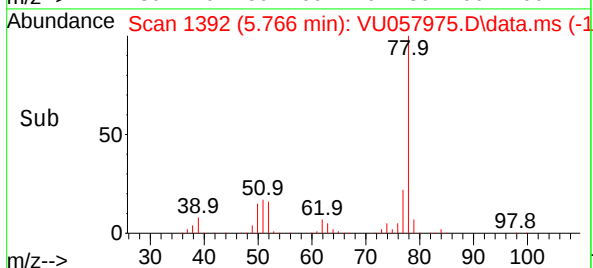
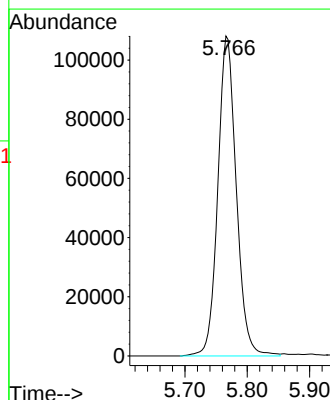
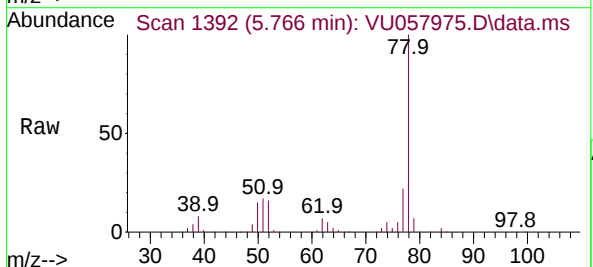
Instrument :
MSVOA_U
ClientSampleId :

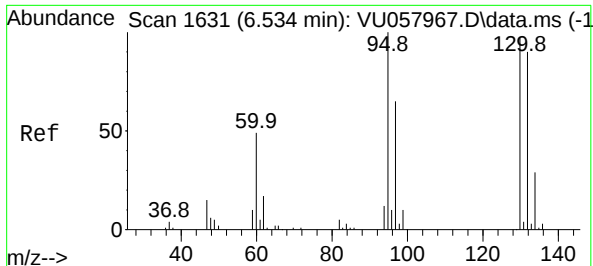
Tgt Ion:117 Resp: 74409
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.8



#33
Benzene
Concen: 4.994 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU057975.D
Acq: 29 Feb 2024 16:14

Tgt Ion: 78 Resp: 222143





#34

Trichloroethene

Concen: 4.969 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 58150

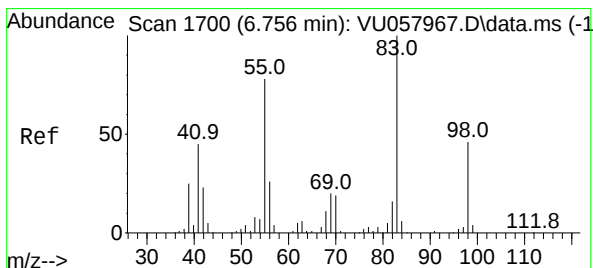
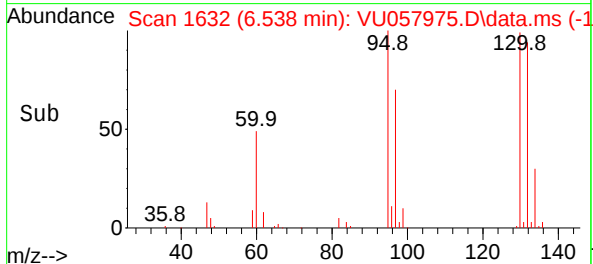
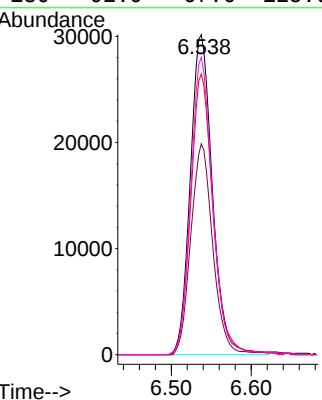
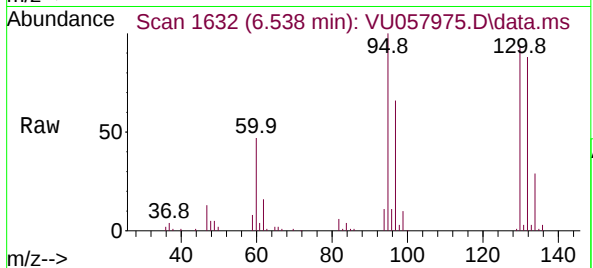
Ion Ratio Lower Upper

95 100

97 65.9 45.3 84.1

132 87.7 63.1 117.1

130 92.9 67.6 125.6



#35

Methylcyclohexane

Concen: 5.062 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

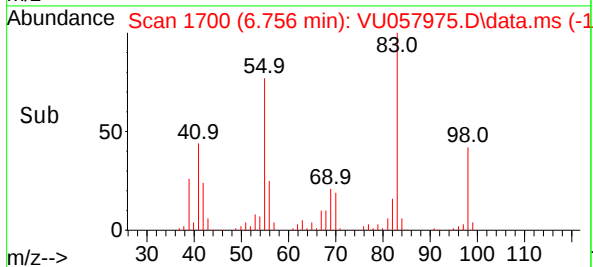
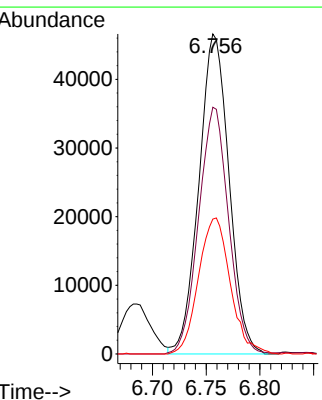
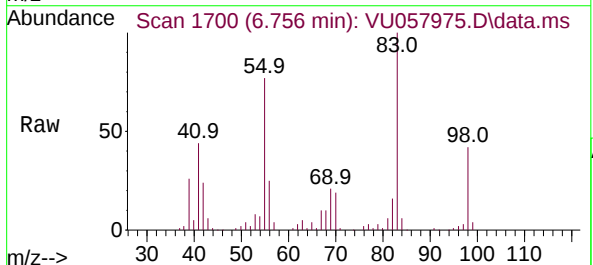
Tgt Ion: 83 Resp: 90808

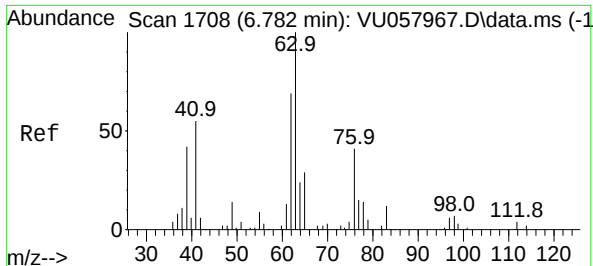
Ion Ratio Lower Upper

83 100

55 76.8 63.0 94.6

98 44.8 36.2 54.4

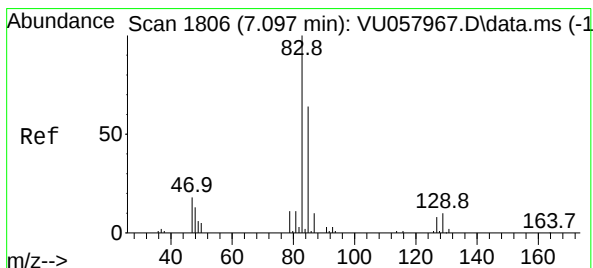
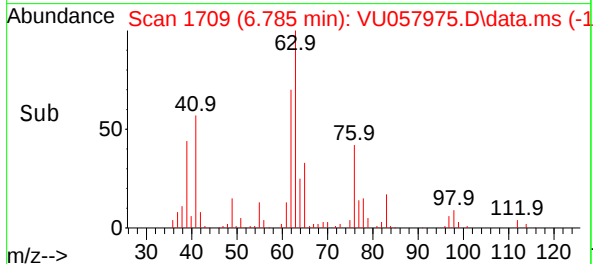
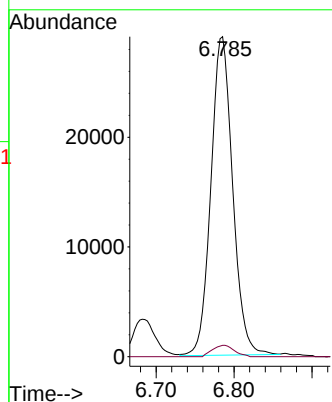
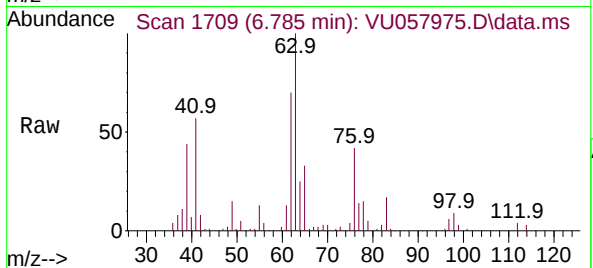




#37
1,2-Dichloropropane
Concen: 4.914 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU057975.D
Acq: 29 Feb 2024 16:14

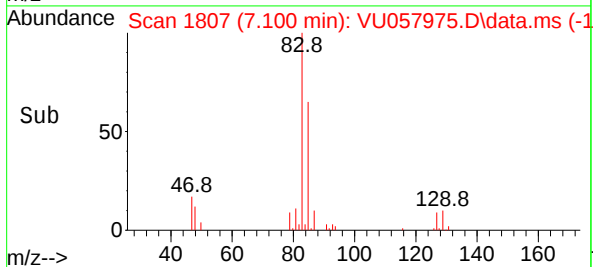
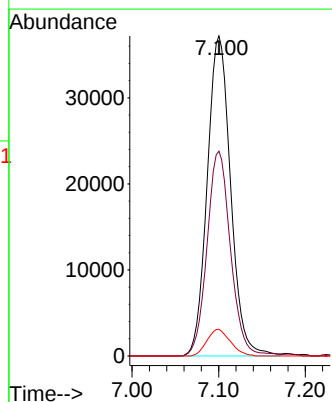
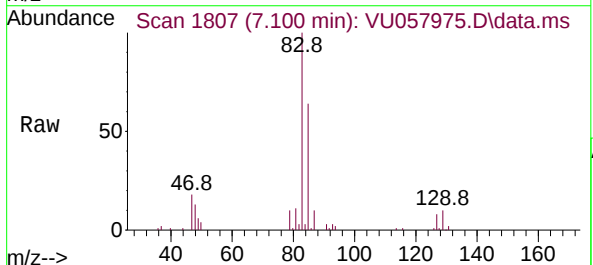
Instrument :
MSVOA_U
ClientSampleId :

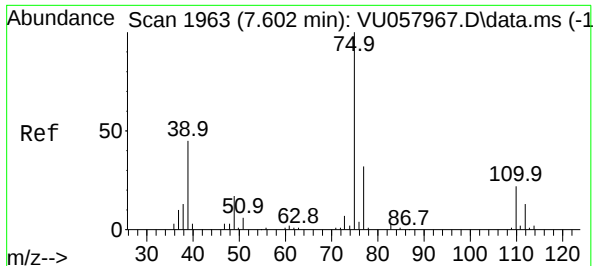
Tgt Ion: 63 Resp: 56357
Ion Ratio Lower Upper
63 100
112 3.6 3.0 4.4



#38
Bromodichloromethane
Concen: 5.020 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU057975.D
Acq: 29 Feb 2024 16:14

Tgt Ion: 83 Resp: 69855
Ion Ratio Lower Upper
83 100
85 64.0 44.5 82.7
127 9.0 6.6 9.8

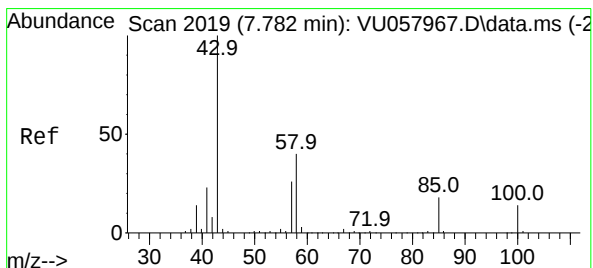
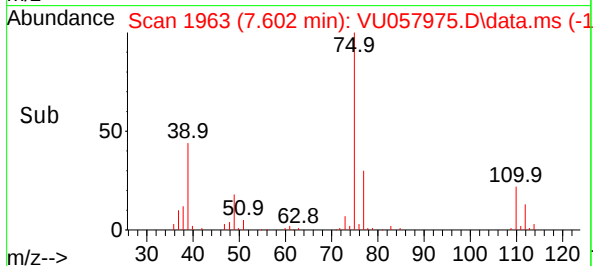
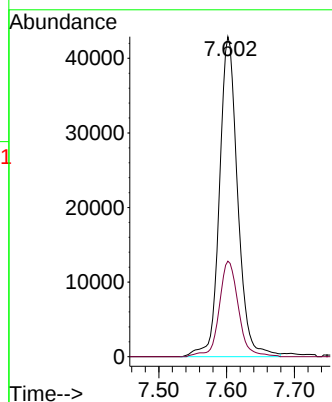
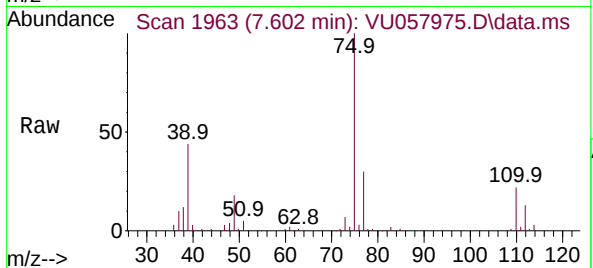




#39
 cis-1,3-Dichloropropene
 Concen: 5.075 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU057975.D
 Acq: 29 Feb 2024 16:14

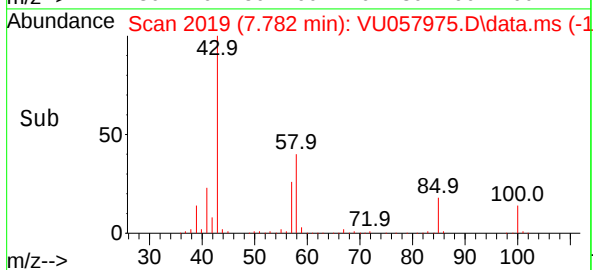
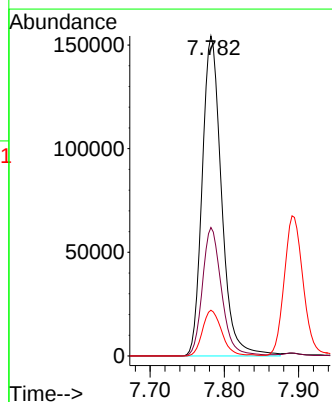
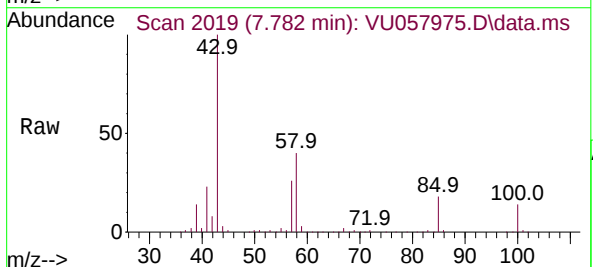
Instrument :
 MSVOA_U
 ClientSampleId :

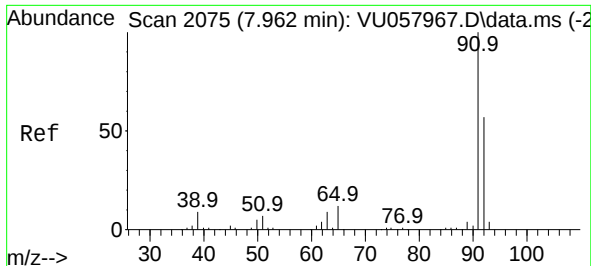
Tgt Ion: 75 Resp: 80201
 Ion Ratio Lower Upper
 75 100
 77 29.8 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 52.887 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU057975.D
 Acq: 29 Feb 2024 16:14

Tgt Ion: 43 Resp: 279051
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.7 47.5
 100 14.4 11.3 16.9





#42

Toluene

Concen: 5.021 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

Instrument :

MSVOA_U

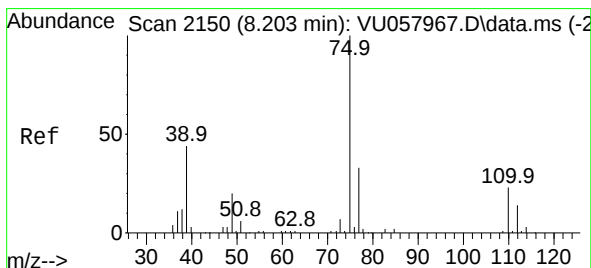
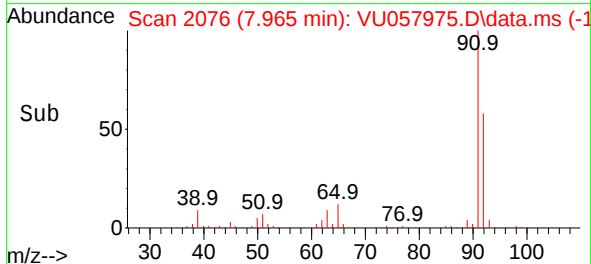
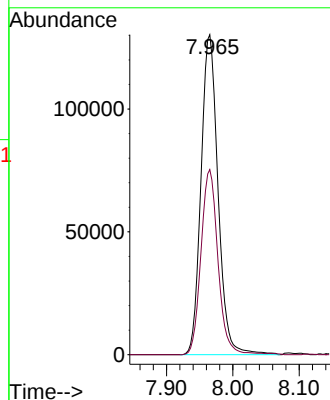
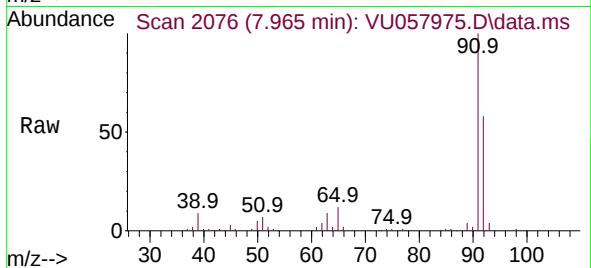
ClientSampleId :

Tgt Ion: 91 Resp: 232564

Ion Ratio Lower Upper

91 100

92 57.9 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.100 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU057975.D

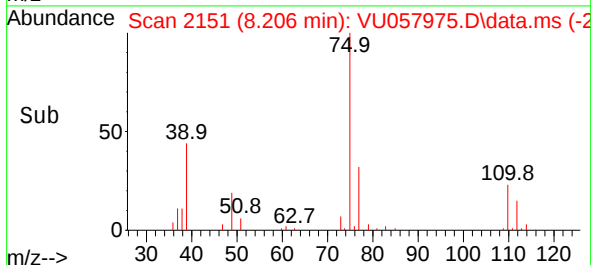
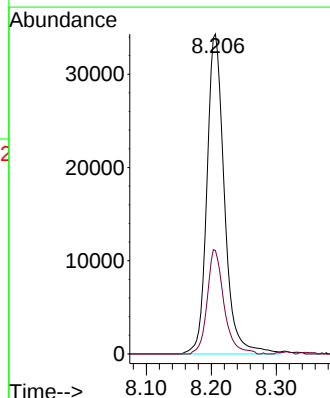
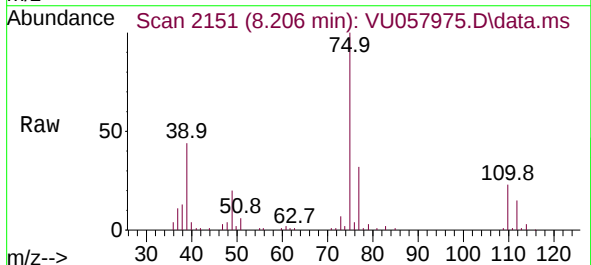
Acq: 29 Feb 2024 16:14

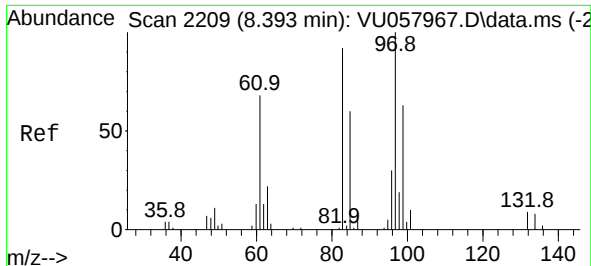
Tgt Ion: 75 Resp: 64225

Ion Ratio Lower Upper

75 100

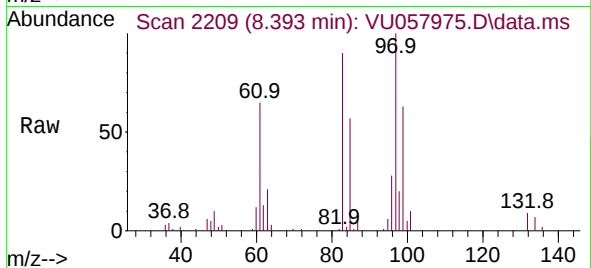
77 32.3 23.1 42.9



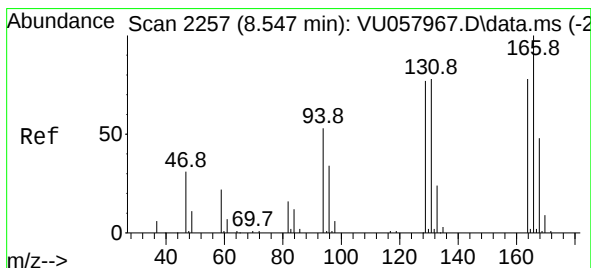
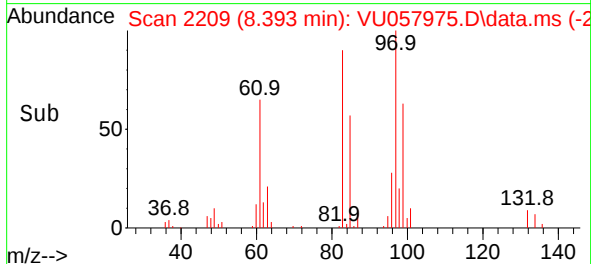
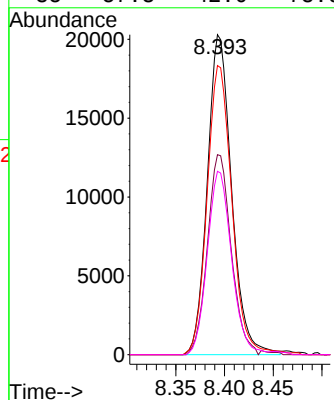


#45
1,1,2-Trichloroethane
Concen: 5.177 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU057975.D
Acq: 29 Feb 2024 16:14

Instrument :
MSVOA_U
ClientSampleId :

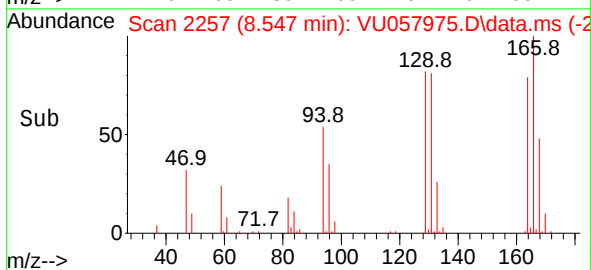
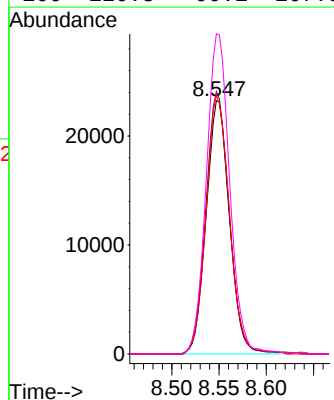
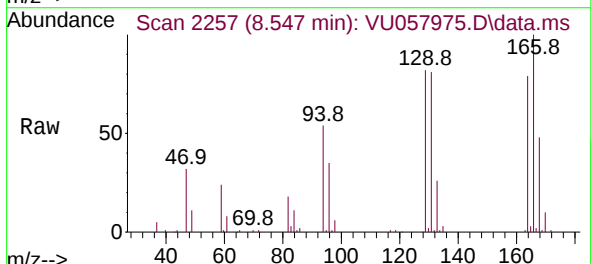


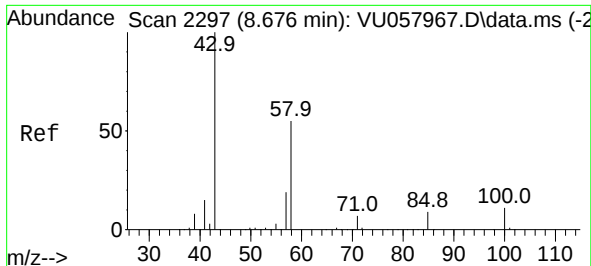
Tgt Ion:	97	Resp:	35206
Ion	Ratio	Lower	Upper
97	100		
99	62.5	44.2	82.2
83	90.3	64.2	119.2
85	57.3	42.0	78.0



#47
Tetrachloroethene
Concen: 4.905 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057975.D
Acq: 29 Feb 2024 16:14

Tgt Ion:	164	Resp:	39826
Ion	Ratio	Lower	Upper
164	100		
129	103.5	69.3	128.7
131	102.1	69.9	129.9
166	126.3	90.1	167.3





#48

2-Hexanone

Concen: 52.356 ug/L

RT: 8.676 min Scan# 2297

Delta R.T. 0.000 min

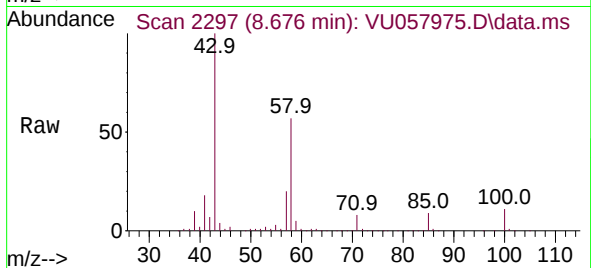
Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 202588

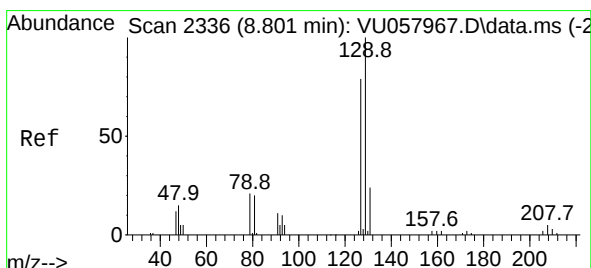
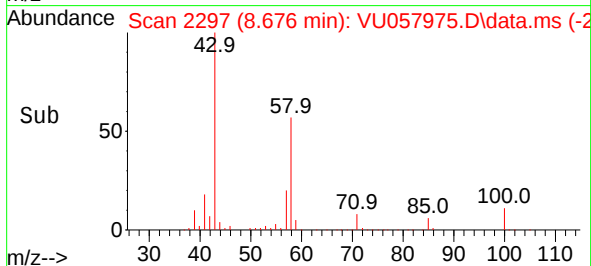
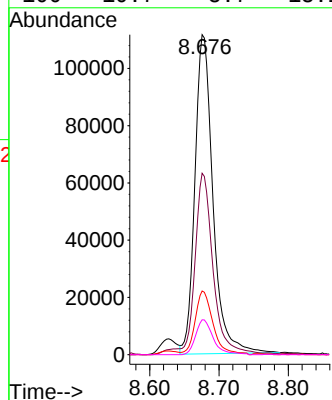
Ion Ratio Lower Upper

43 100

58 58.0 43.3 64.9

57 19.7 15.2 22.8

100 10.7 8.7 13.1



#49

Dibromochloromethane

Concen: 5.166 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU057975.D

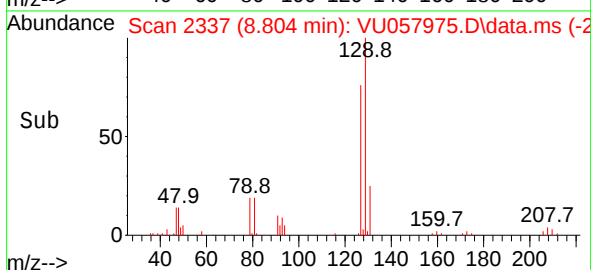
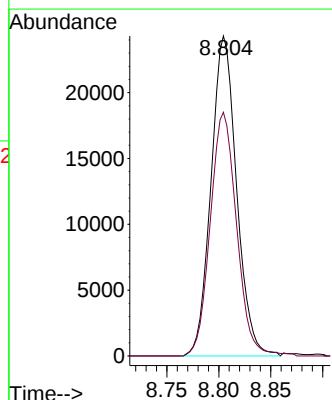
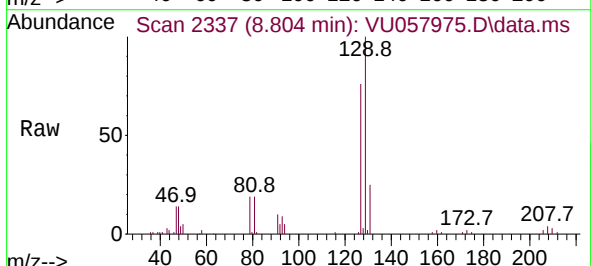
Acq: 29 Feb 2024 16:14

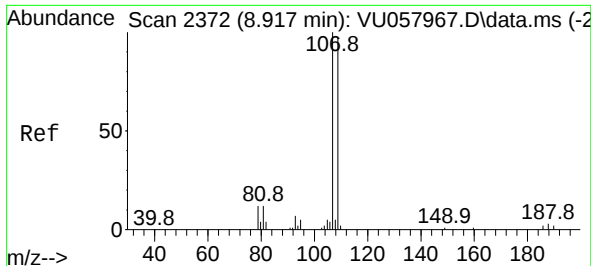
Tgt Ion:129 Resp: 41590

Ion Ratio Lower Upper

129 100

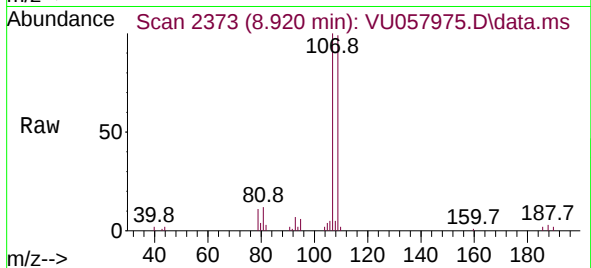
127 76.2 55.2 102.6



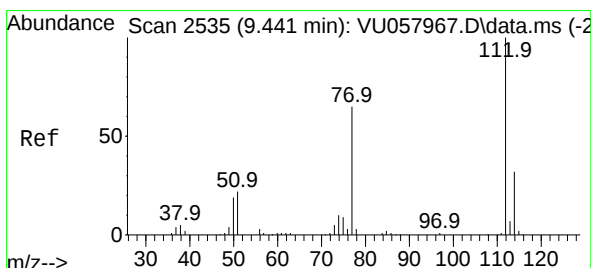
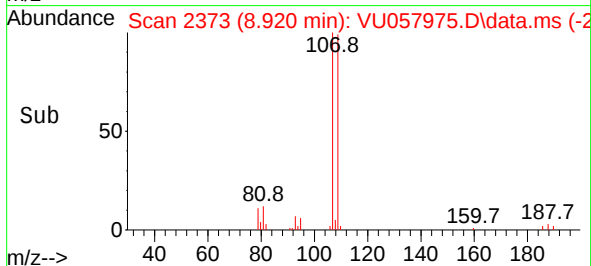
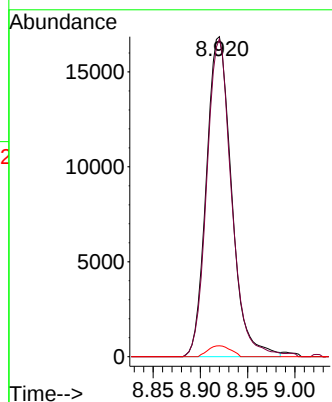


#50
1,2-Dibromoethane
Concen: 5.186 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU057975.D
Acq: 29 Feb 2024 16:14

Instrument :
MSVOA_U
ClientSampleId :

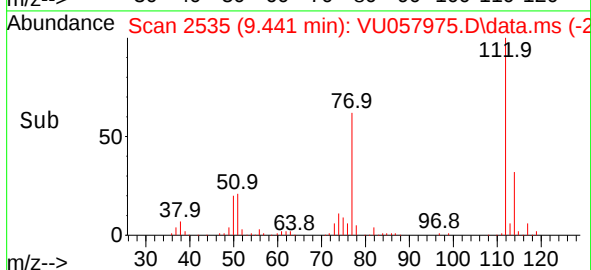
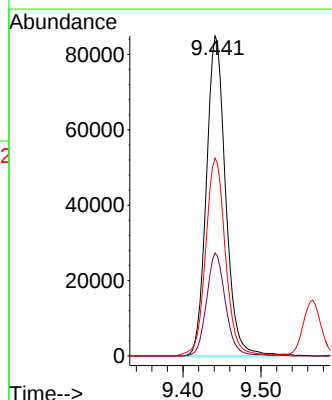
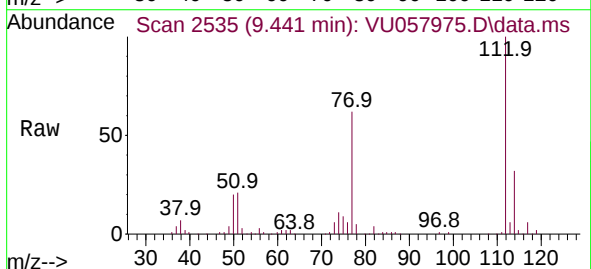


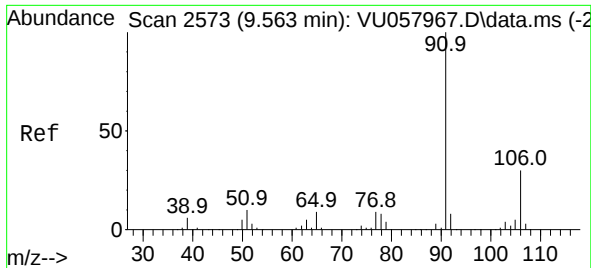
Tgt Ion:107 Resp: 31303
Ion Ratio Lower Upper
107 100
109 99.3 67.8 125.8
188 3.4 2.4 3.6



#51
Chlorobenzene
Concen: 5.014 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU057975.D
Acq: 29 Feb 2024 16:14

Tgt Ion:112 Resp: 145642
Ion Ratio Lower Upper
112 100
114 32.2 22.7 42.1
77 61.8 52.3 78.5





#52

Ethylbenzene

Concen: 5.038 ug/L

RT: 9.566 min Scan# 2573

Delta R.T. 0.003 min

Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

Instrument :

MSVOA_U

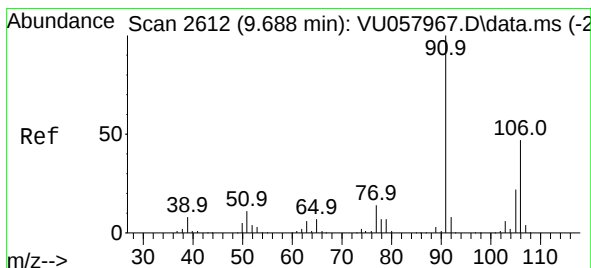
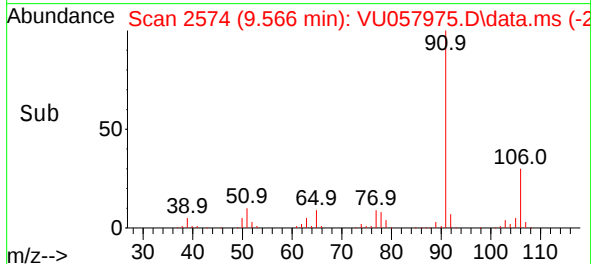
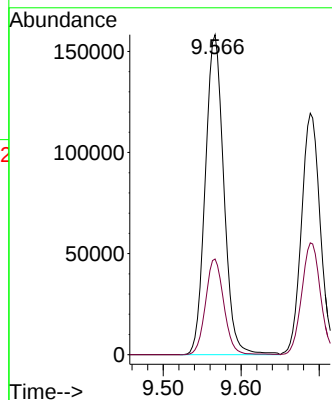
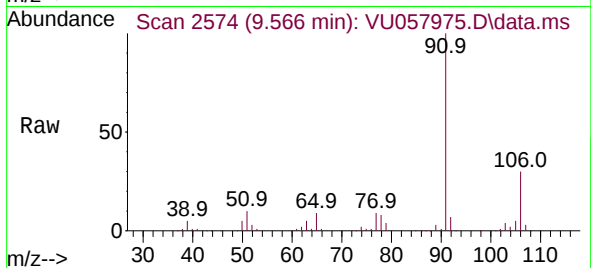
ClientSampleId :

Tgt Ion: 91 Resp: 261134

Ion Ratio Lower Upper

91 100

106 29.9 20.9 38.7



#53

m,p-Xylene

Concen: 5.086 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU057975.D

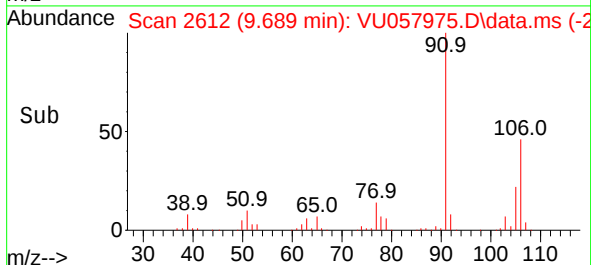
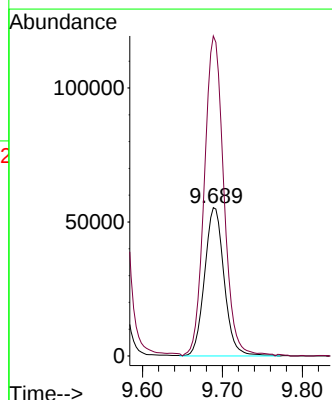
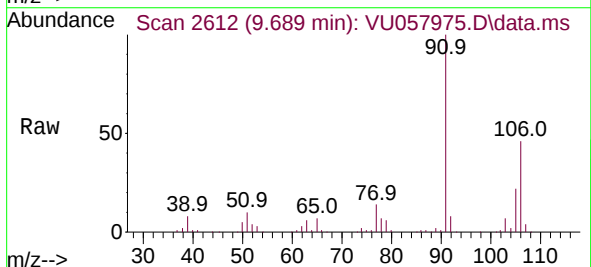
Acq: 29 Feb 2024 16:14

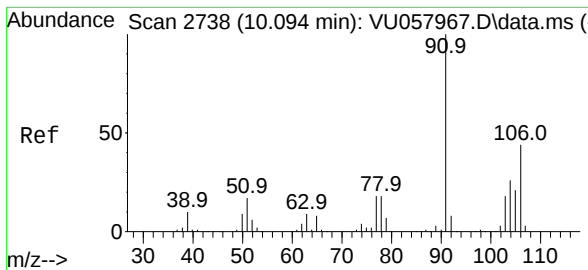
Tgt Ion:106 Resp: 94185

Ion Ratio Lower Upper

106 100

91 215.8 148.8 276.4

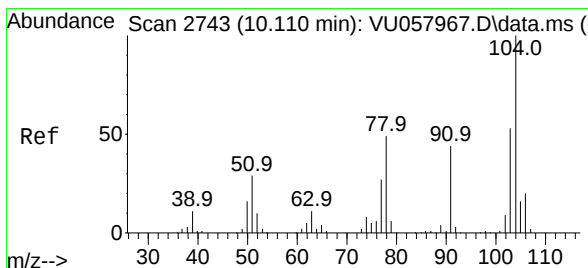
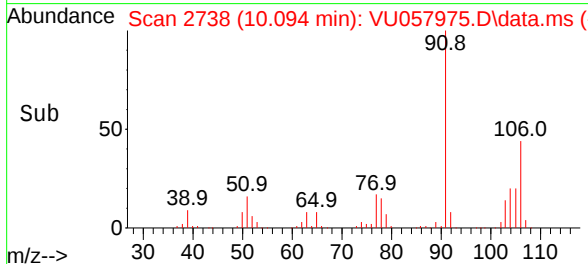
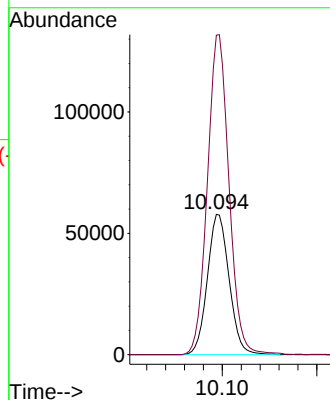
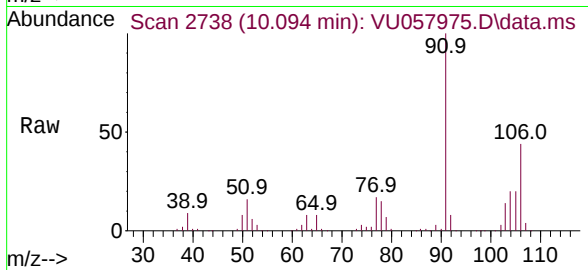




#54
o-Xylene
Concen: 5.002 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU057975.D
Acq: 29 Feb 2024 16:14

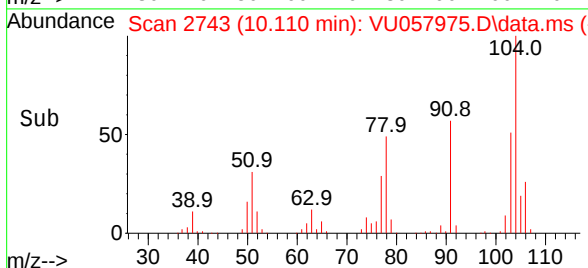
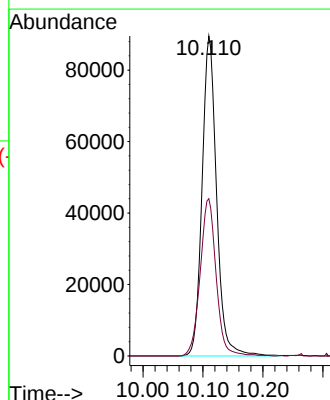
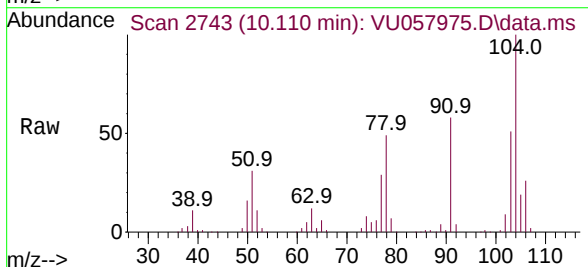
Instrument :
MSVOA_U
ClientSampleId :

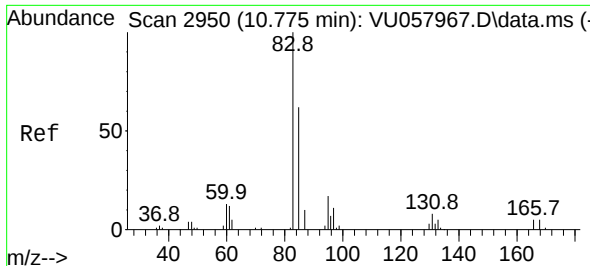
Tgt Ion:106 Resp: 92325
Ion Ratio Lower Upper
106 100
91 227.6 158.3 294.1



#55
Styrene
Concen: 5.209 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU057975.D
Acq: 29 Feb 2024 16:14

Tgt Ion:104 Resp: 150910
Ion Ratio Lower Upper
104 100
78 49.1 34.2 63.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.347 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

Instrument :

MSVOA_U

ClientSampleId :

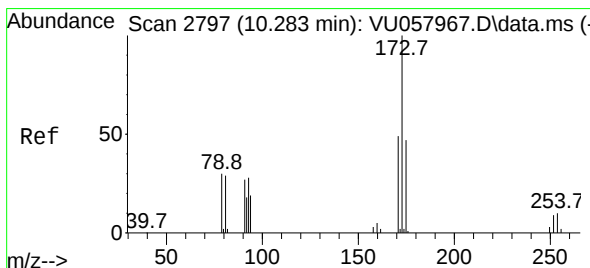
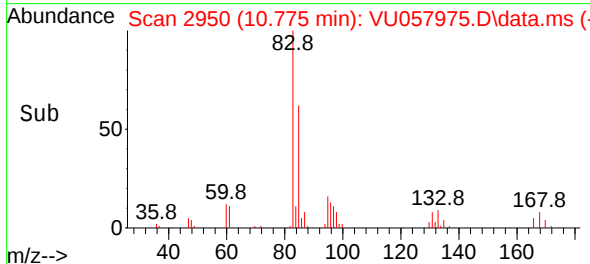
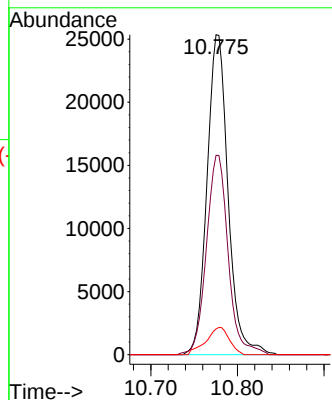
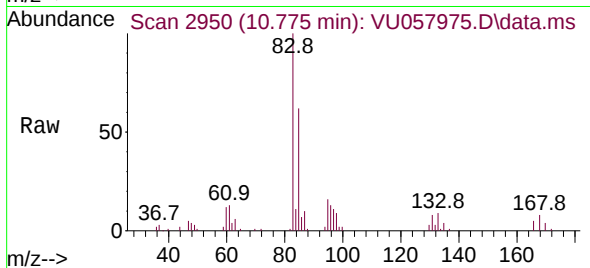
Tgt Ion: 83 Resp: 42835

Ion Ratio Lower Upper

83 100

85 62.3 44.0 81.6

131 8.0 6.9 10.3



#59

Bromoform

Concen: 5.097 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

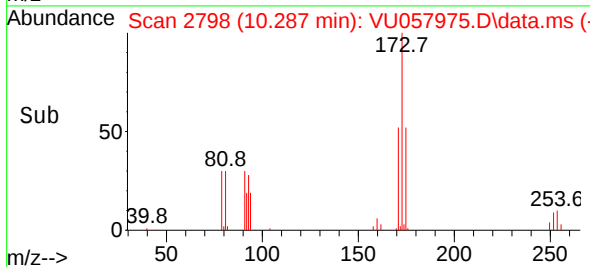
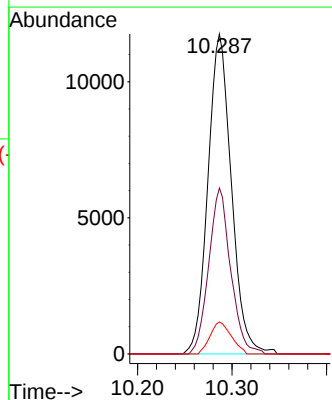
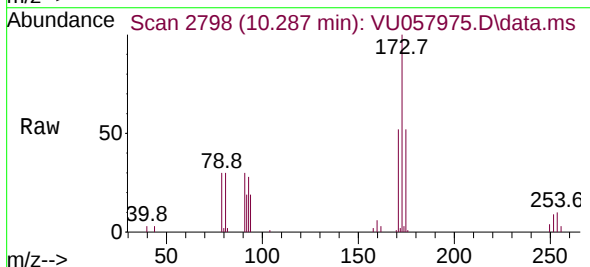
Tgt Ion:173 Resp: 20239

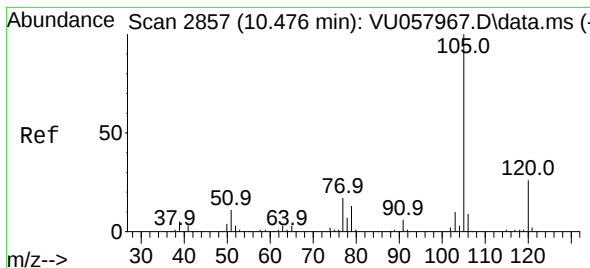
Ion Ratio Lower Upper

173 100

175 48.4 38.6 57.8

254 9.0 7.3 10.9





#60

Isopropylbenzene

Concen: 5.040 ug/L

RT: 10.480 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

Instrument :

MSVOA_U

ClientSampleId :

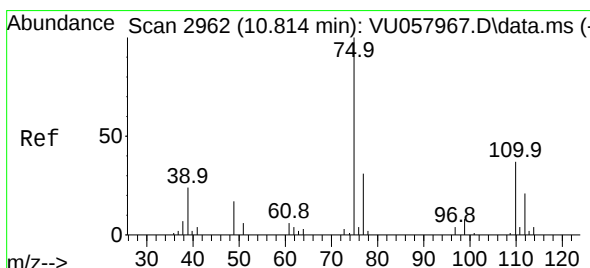
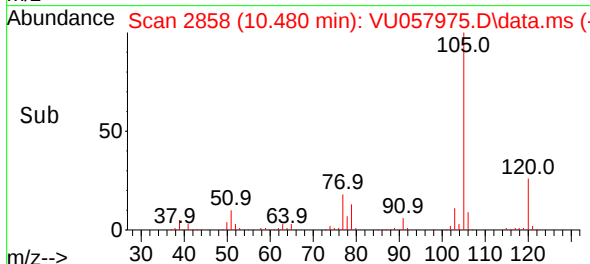
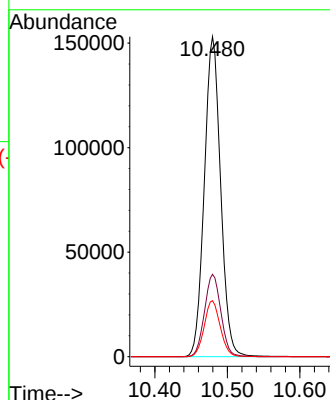
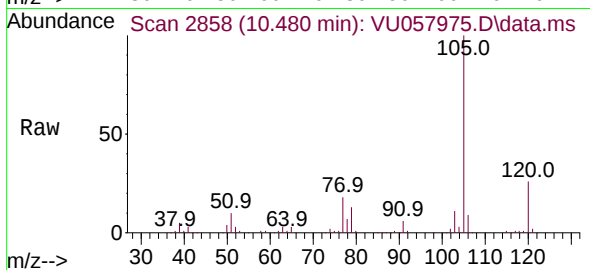
Tgt Ion:105 Resp: 238967

Ion Ratio Lower Upper

105 100

120 25.8 20.4 30.6

77 17.3 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.034 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.003 min

Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

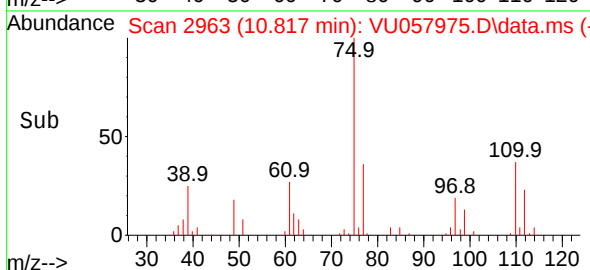
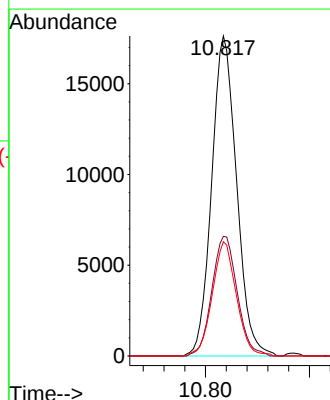
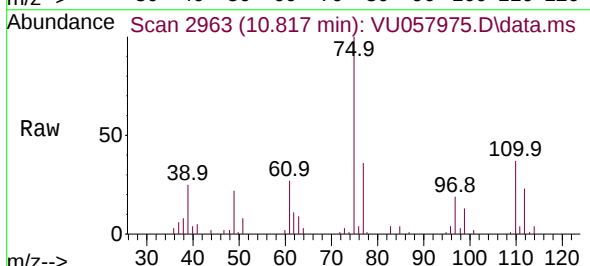
Tgt Ion: 75 Resp: 29359

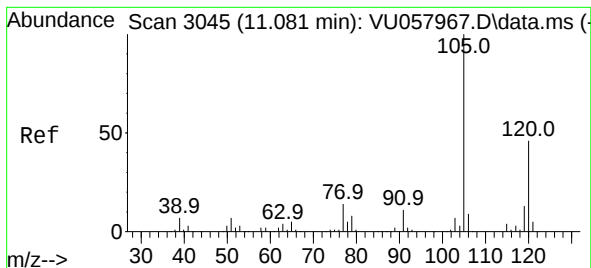
Ion Ratio Lower Upper

75 100

110 37.9 28.0 42.0

77 34.5 24.7 37.1





#62

1,3,5-Trimethylbenzene

Concen: 5.093 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

Instrument :

MSVOA_U

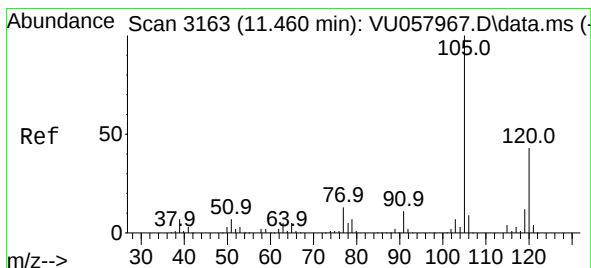
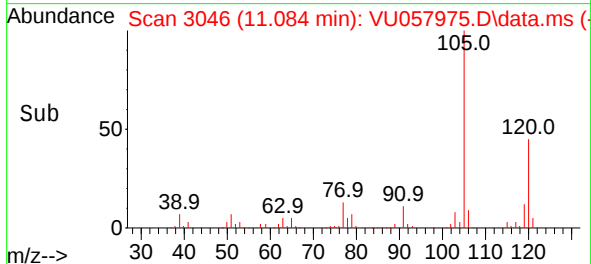
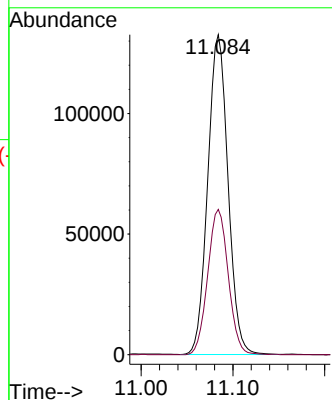
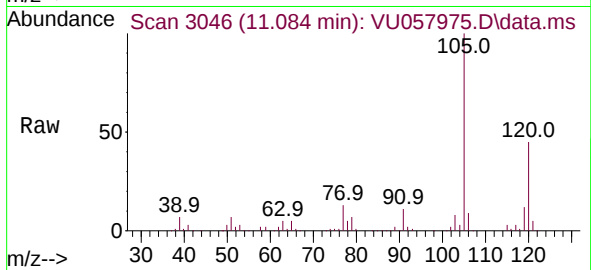
ClientSampleId :

Tgt Ion:105 Resp: 203660

Ion Ratio Lower Upper

105 100

120 46.2 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 5.191 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU057975.D

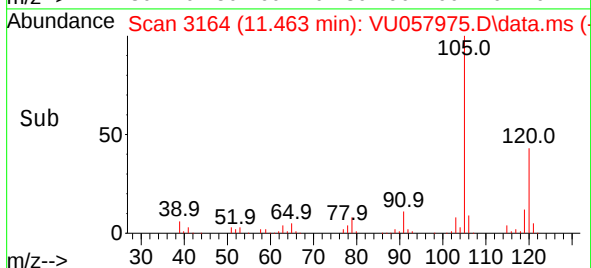
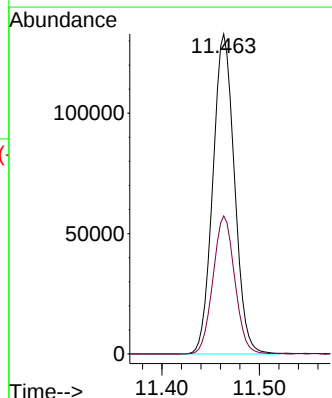
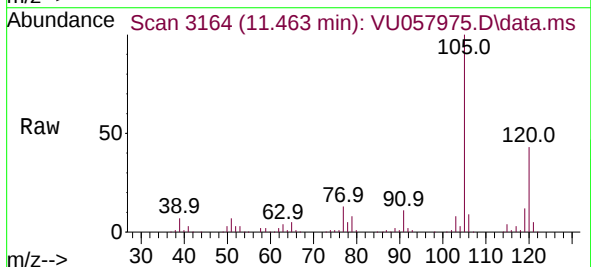
Acq: 29 Feb 2024 16:14

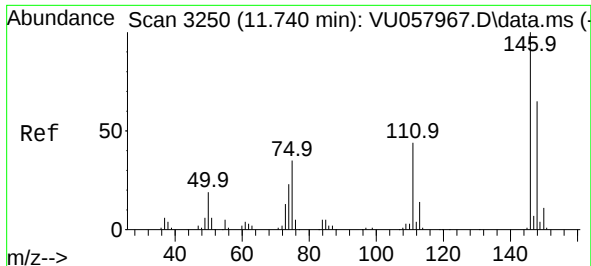
Tgt Ion:105 Resp: 204887

Ion Ratio Lower Upper

105 100

120 43.4 34.8 52.2





#64

1,3-Dichlorobenzene

Concen: 5.020 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

Instrument :

MSVOA_U

ClientSampleId :

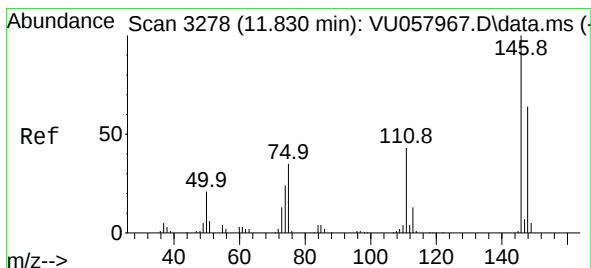
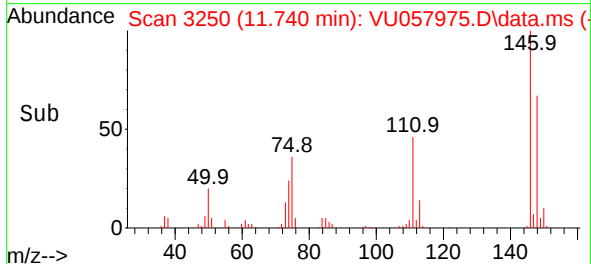
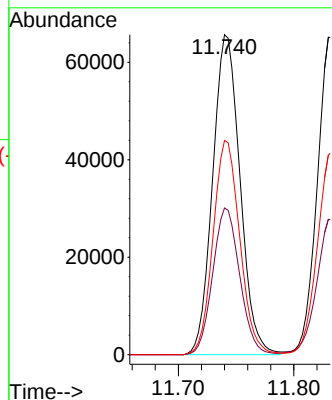
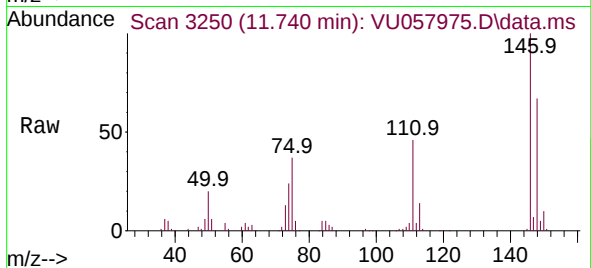
Tgt Ion:146 Resp: 108190

Ion Ratio Lower Upper

146 100

111 45.8 30.9 57.5

148 66.9 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 5.059 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

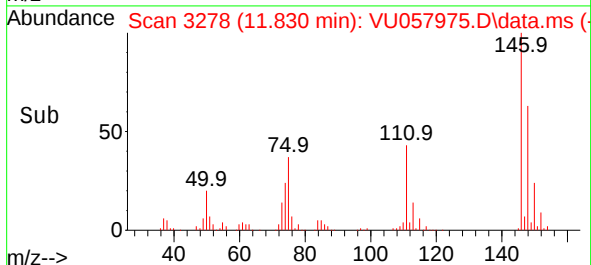
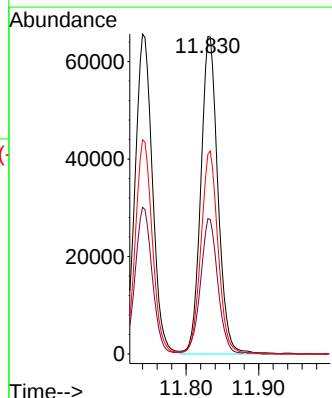
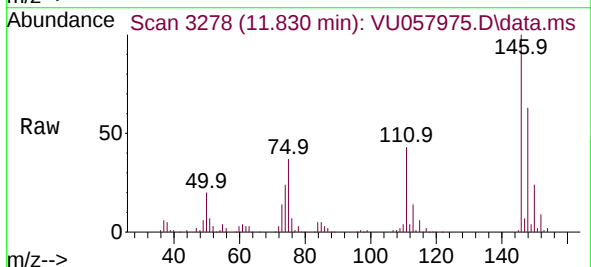
Tgt Ion:146 Resp: 106714

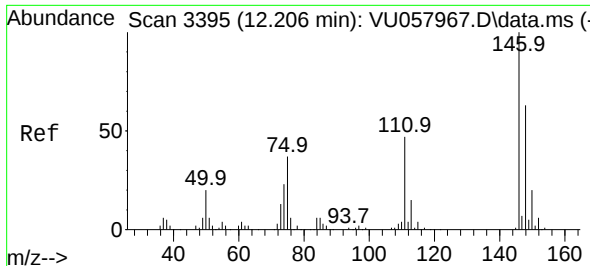
Ion Ratio Lower Upper

146 100

111 42.6 30.1 55.9

148 62.9 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 5.215 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

Instrument :

MSVOA_U

ClientSampleId :

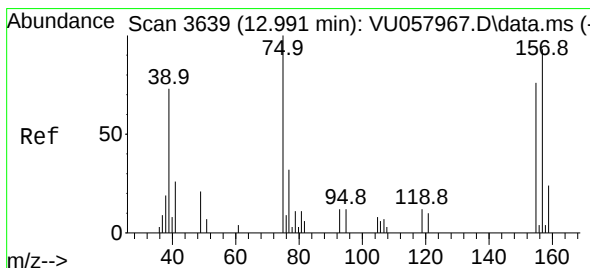
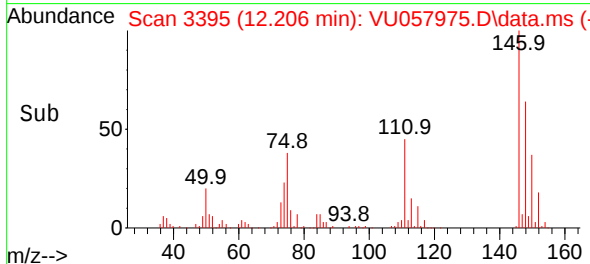
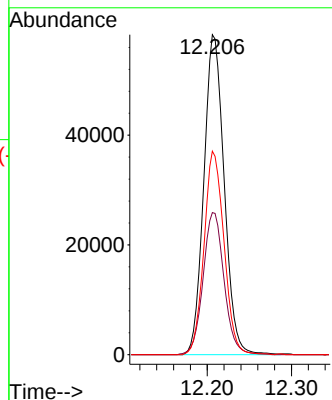
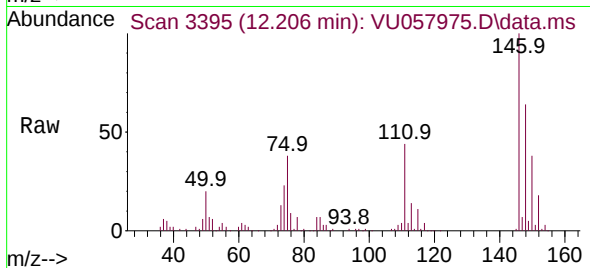
Tgt Ion:146 Resp: 98122

Ion Ratio Lower Upper

146 100

111 44.4 37.4 56.0

148 63.6 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.302 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

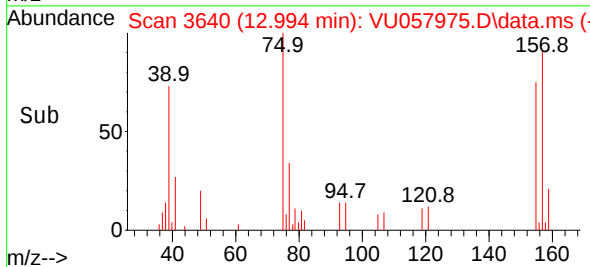
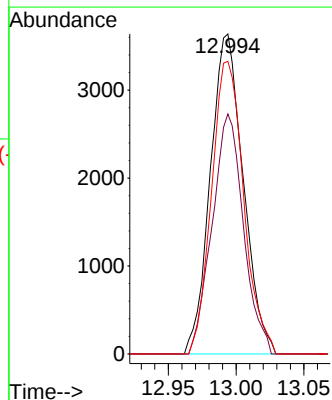
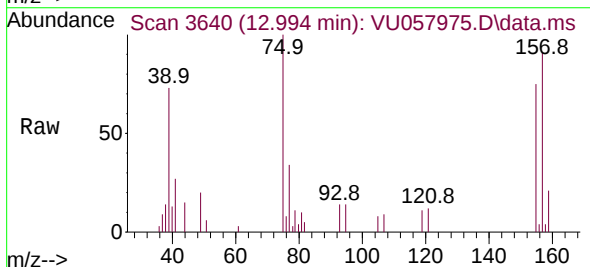
Tgt Ion: 75 Resp: 6135

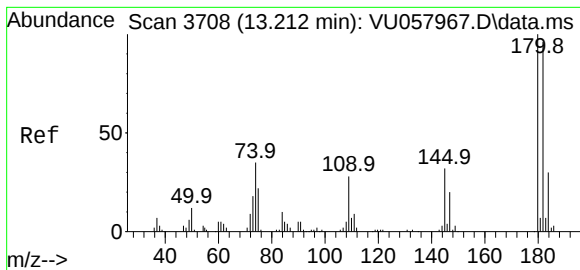
Ion Ratio Lower Upper

75 100

155 75.0 61.0 91.6

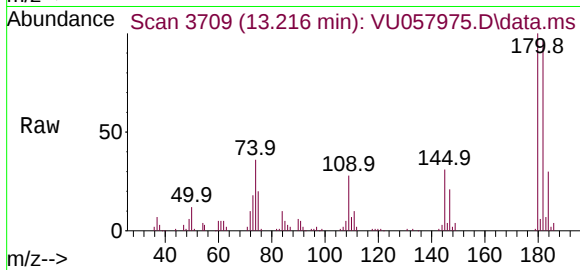
157 91.5 74.6 112.0



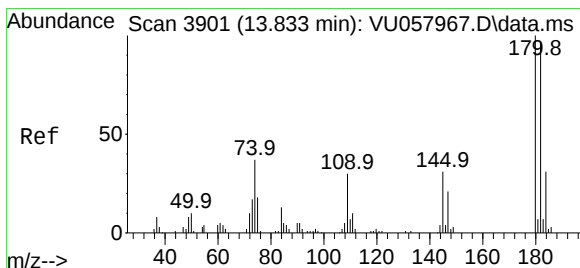
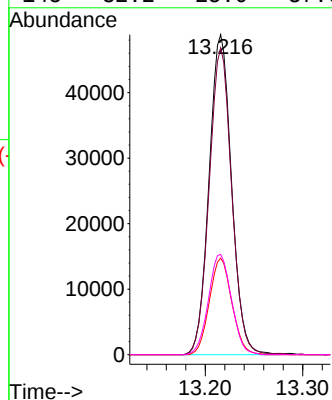
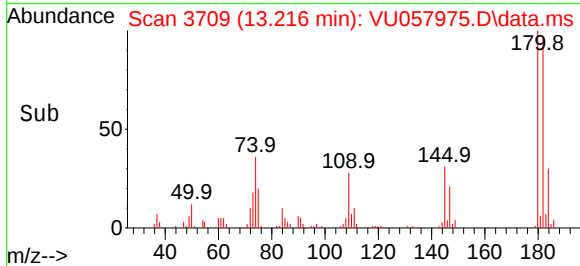


#69
 1,3,5-Trichlorobenzene
 Concen: 5.038 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU057975.D
 Acq: 29 Feb 2024 16:14

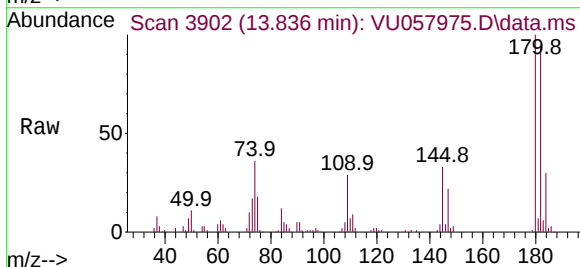
Instrument :
 MSVOA_U
 ClientSampleId :



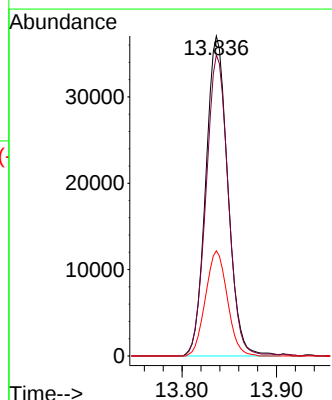
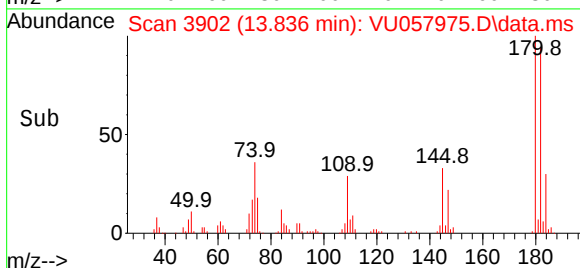
Tgt Ion:180 Resp: 78101
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.3 114.5
 184 30.2 24.6 36.8
 145 32.2 25.0 37.6

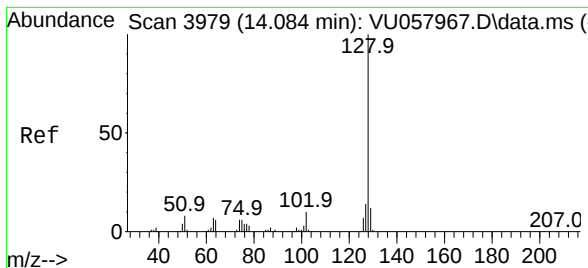


#70
 1,2,4-trichlorobenzene
 Concen: 5.152 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.003 min
 Lab File: VU057975.D
 Acq: 29 Feb 2024 16:14



Tgt Ion:180 Resp: 60007
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.9 116.9
 145 32.6 25.8 38.8





#71

Naphthalene

Concen: 4.838 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

Instrument :

MSVOA_U

ClientSampleId :

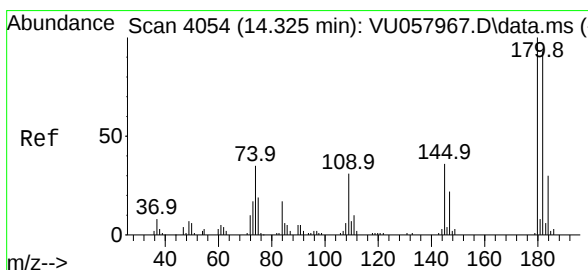
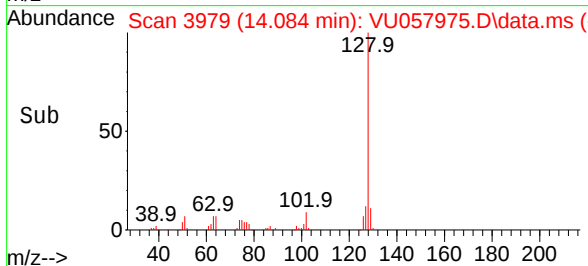
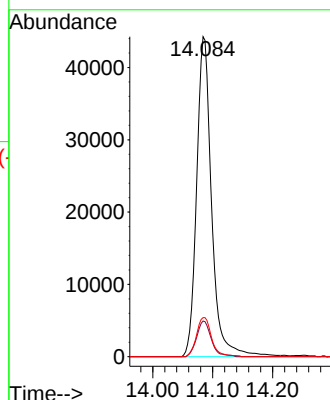
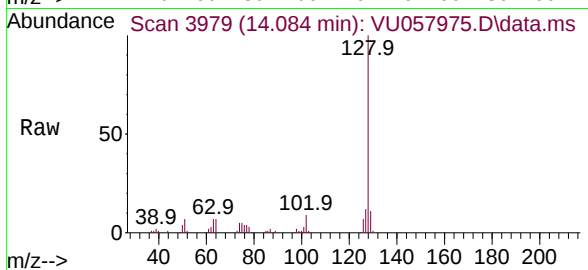
Tgt Ion:128 Resp: 76964

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

127 12.2 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 5.047 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU057975.D

Acq: 29 Feb 2024 16:14

Tgt Ion:180 Resp: 46440

Ion Ratio Lower Upper

180 100

182 94.6 77.6 116.4

145 34.5 28.7 43.1

