

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U082923\
 Data File : VU054987.D
 Acq On : 30 Aug 2023 04:31
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 04:46:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 30 01:18:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	173791	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	166809	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	91001	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	25227	4.599	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.908	69	32211	4.545	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.560	65	15182	4.897	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	4.644	46	190221	64.246	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.500%
24) Chloroform-d	5.059	84	103202	5.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.698	65	56807	5.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.724	84	184675	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.689	67	65168	4.942	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.894	98	169351	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.181	79	18513	4.266	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.634	63	133479	64.799	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.600%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	62643	5.539	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	74017	5.094	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	57054	5.298	ug/L	98
3) Chloromethane	1.515	50	59240	5.272	ug/L	100
5) Vinyl chloride	1.599	62	63697	5.461	ug/L	99
6) Bromomethane	1.853	94	21853	3.003	ug/L	100
8) Chloroethane	1.930	64	39962	5.210	ug/L	99
9) Trichlorofluoromethane	2.133	101	91127	5.490	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	49175	5.453	ug/L	95
12) 1,1-Dichloroethene	2.573	96	46424	5.916	ug/L	95
13) Acetone	2.663	43	85745	53.576	ug/L	97
14) Carbon disulfide	2.789	76	114495	5.268	ug/L	98
15) Methyl Acetate	2.962	43	20088	6.131	ug/L	92
16) Methylene chloride	3.043	84	56336	4.673	ug/L	99
17) Methyl tert-butyl Ether	3.364	73	131761	5.769	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	46239	5.392	ug/L	89
19) 1,1-Dichloroethane	3.866	63	100160	5.568	ug/L	98
21) 2-Butanone	4.724	43	151178	61.645	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	57170	5.592	ug/L	93
23) Bromochloromethane	4.972	128	24532	5.545	ug/L	95
25) Chloroform	5.084	83	103886	5.265	ug/L	98

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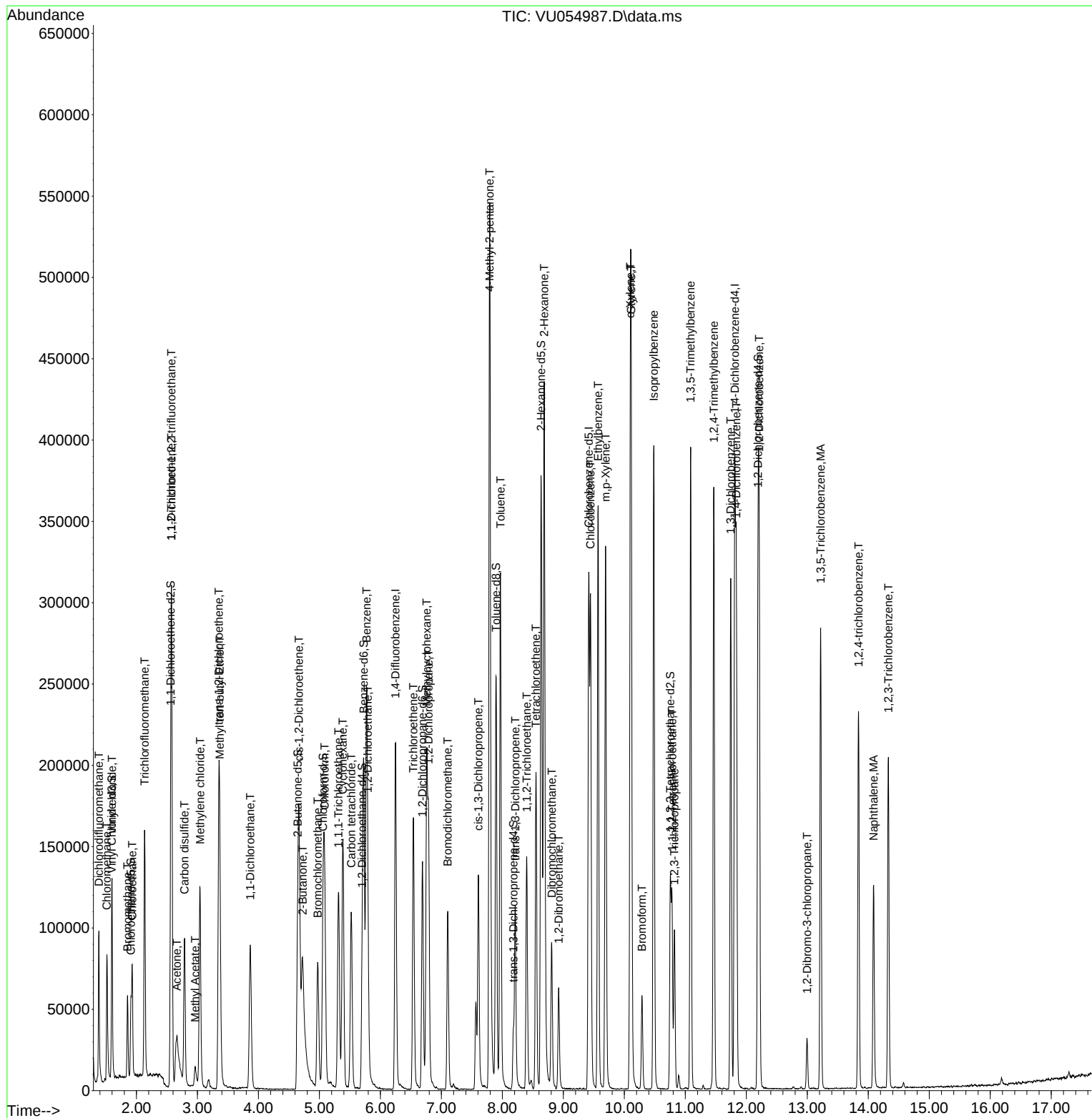
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	67925	5.634	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	89645	5.406	ug/L	98
30) Cyclohexane	5.383	56	77050	5.242	ug/L	96
31) Carbon tetrachloride	5.522	117	72123	5.112	ug/L	100
33) Benzene	5.772	78	214361	5.448	ug/L	100
34) Trichloroethene	6.541	95	57880	5.307	ug/L	98
35) Methylcyclohexane	6.759	83	77366	4.795	ug/L	99
37) 1,2-Dichloropropane	6.788	63	57440	5.236	ug/L	98
38) Bromodichloromethane	7.103	83	70726	5.197	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	78553	4.969	ug/L	97
40) 4-Methyl-2-pentanone	7.792	43	383895	62.772	ug/L	99
42) Toluene	7.968	91	229549	5.257	ug/L	97
44) trans-1,3-Dichloropropene	8.210	75	63461	4.861	ug/L	100
45) 1,1,2-Trichloroethane	8.399	97	42632	5.758	ug/L	91
47) Tetrachloroethene	8.550	164	40513	5.170	ug/L	95
48) 2-Hexanone	8.685	43	288985	63.806	ug/L	99
49) Dibromochloromethane	8.808	129	44927	5.238	ug/L	93
50) 1,2-Dibromoethane	8.923	107	40044	5.619	ug/L	96
51) Chlorobenzene	9.444	112	152179	5.355	ug/L	98
52) Ethylbenzene	9.570	91	254162	5.161	ug/L	98
53) m,p-Xylene	9.692	106	96075	5.206	ug/L	97
54) o-Xylene	10.097	106	95612	5.404	ug/L	96
55) Styrene	10.113	104	159914	5.483	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.782	83	55607	6.071	ug/L	99
59) Bromoform	10.287	173	24014	5.312	ug/L	95
60) Isopropylbenzene	10.483	105	256781	5.256	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	40184	5.931	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	213348	5.088	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	204638	5.261	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	119990	5.279	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	119190	5.242	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	112230	5.417	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	8015	6.105	ug/L	97
69) 1,3,5-Trichlorobenzene	13.219	180	81131	5.354	ug/L	99
70) 1,2,4-trichlorobenzene	13.840	180	63287	5.332	ug/L	97
71) Naphthalene	14.087	128	101944	5.709	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	58270	5.925	ug/L	99

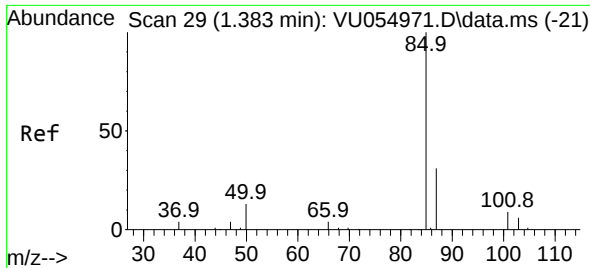
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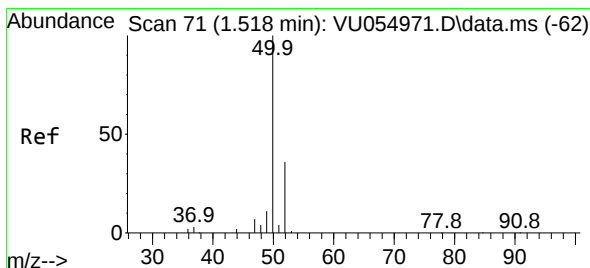
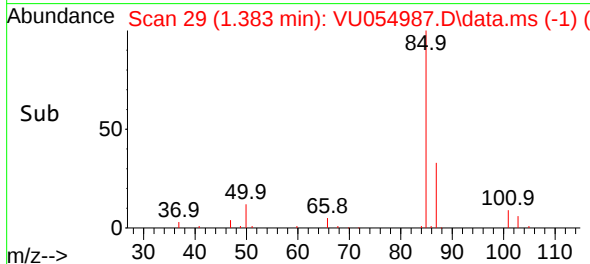
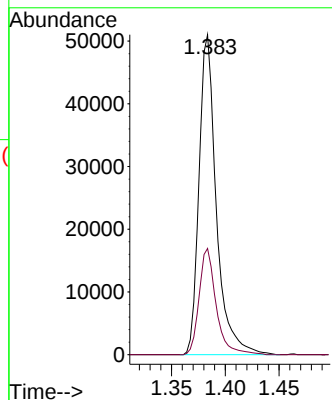
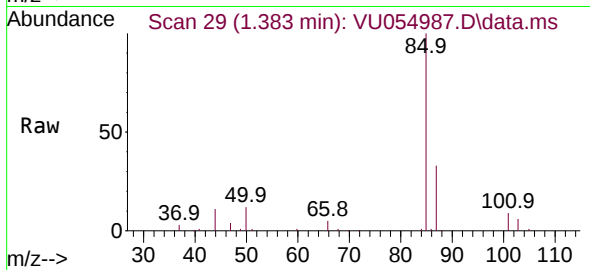




#2
Dichlorodifluoromethane
Concen: 5.298 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054987.D
Acq: 30 Aug 2023 04:31

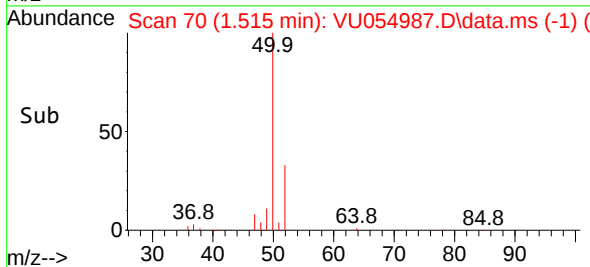
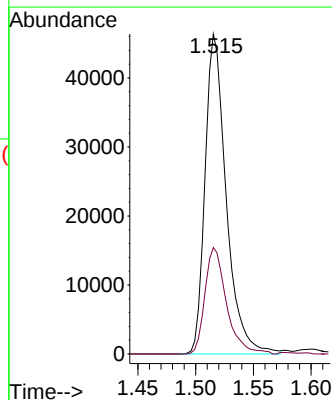
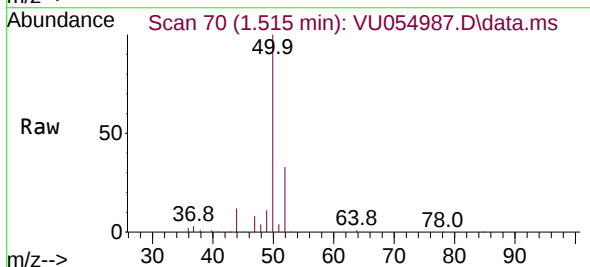
Instrument :
MSVOA_U
ClientSampleId :

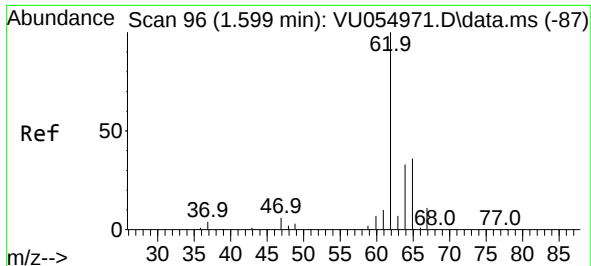
Tgt Ion: 85 Resp: 57054
Ion Ratio Lower Upper
85 100
87 32.8 25.4 38.0



#3
Chloromethane
Concen: 5.272 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU054987.D
Acq: 30 Aug 2023 04:31

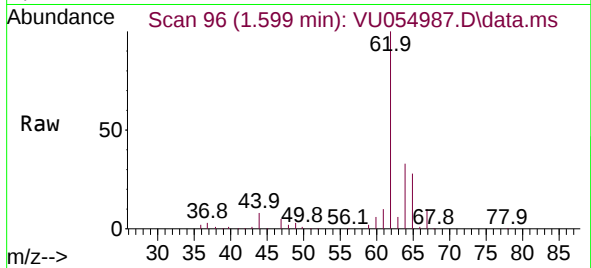
Tgt Ion: 50 Resp: 59240
Ion Ratio Lower Upper
50 100
52 33.2 23.4 43.6



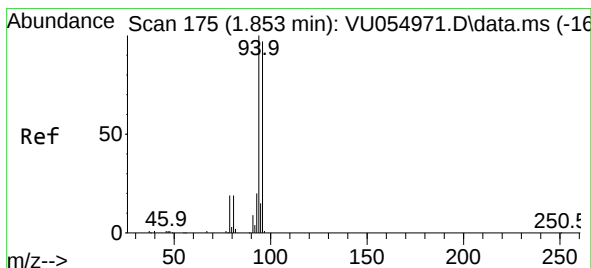
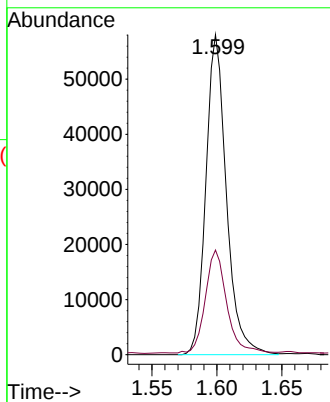
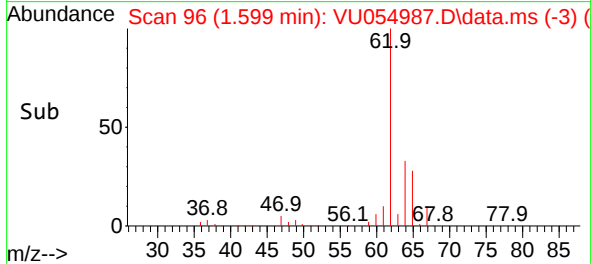


#5
 Vinyl chloride
 Concen: 5.461 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU054987.D
 Acq: 30 Aug 2023 04:31

Instrument :
 MSVOA_U
 ClientSampleId :

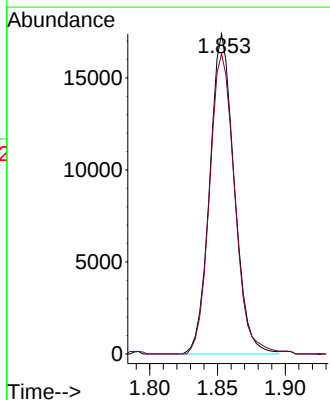
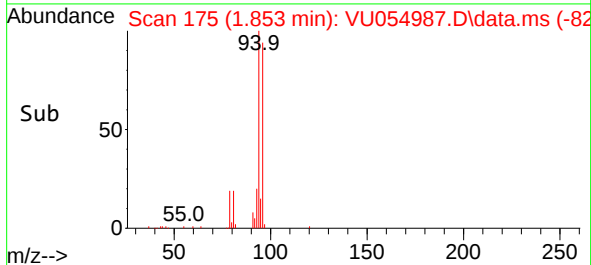
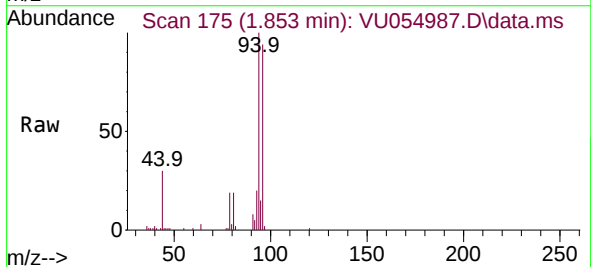


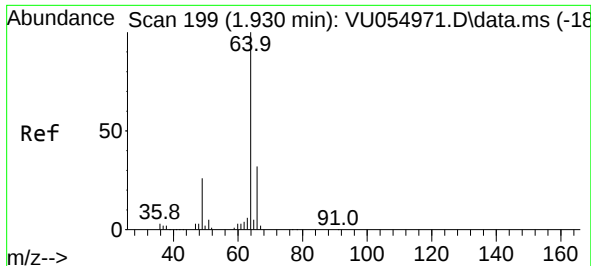
Tgt Ion: 62 Resp: 63697
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.7 42.1



#6
 Bromomethane
 Concen: 3.003 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU054987.D
 Acq: 30 Aug 2023 04:31

Tgt Ion: 94 Resp: 21853
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.5 121.7

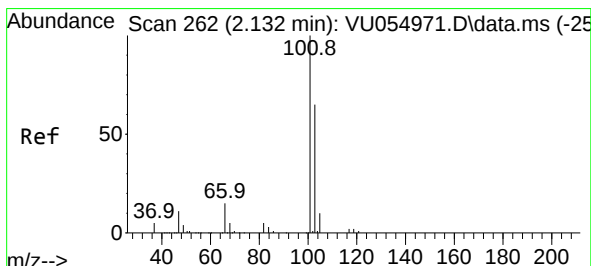
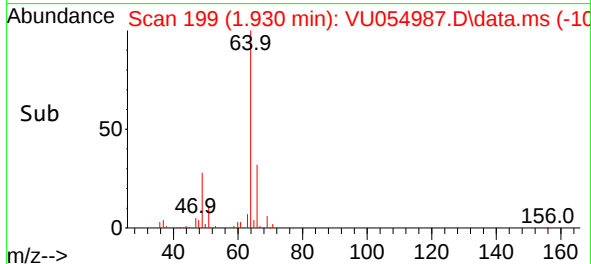
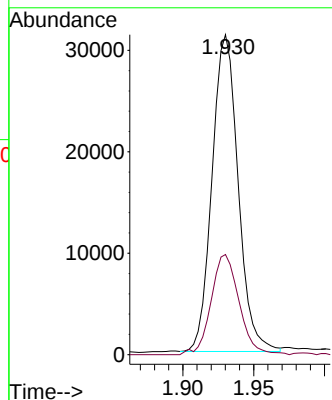
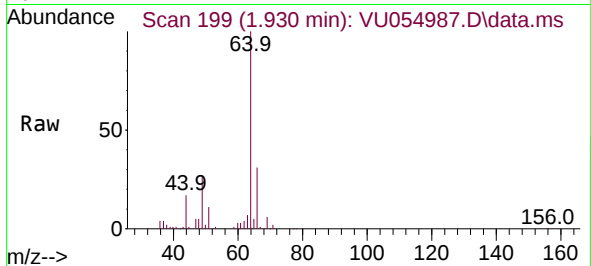




#8
Chloroethane
Concen: 5.210 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054987.D
Acq: 30 Aug 2023 04:31

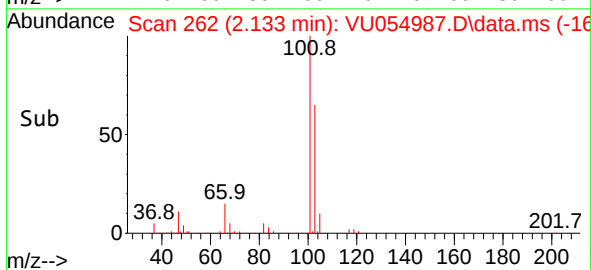
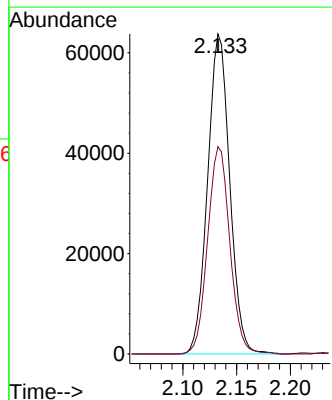
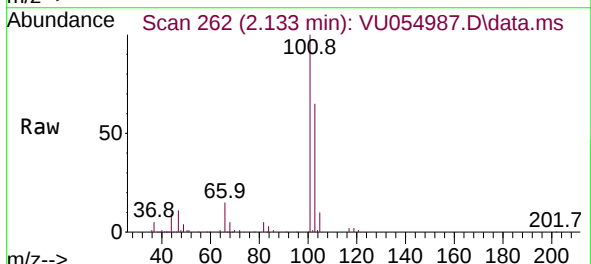
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MSVOA_U
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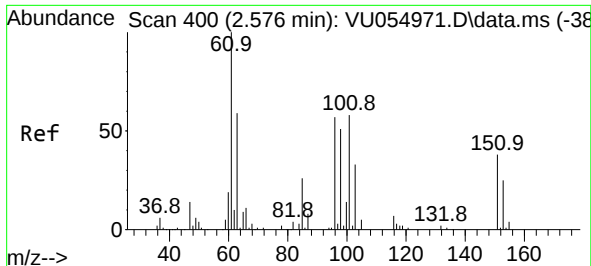
Tgt Ion: 64 Resp: 39962
Ion Ratio Lower Upper
64 100
66 31.3 21.5 39.9



#9
Trichlorofluoromethane
Concen: 5.490 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU054987.D
Acq: 30 Aug 2023 04:31

Tgt Ion:101 Resp: 91127
Ion Ratio Lower Upper
101 100
103 65.1 51.0 76.4

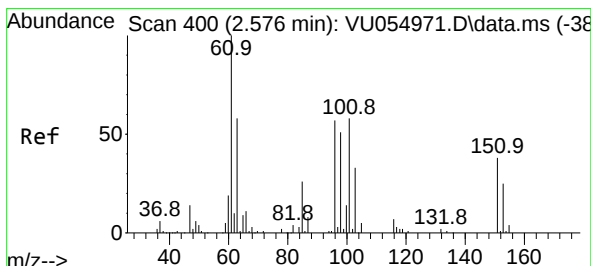
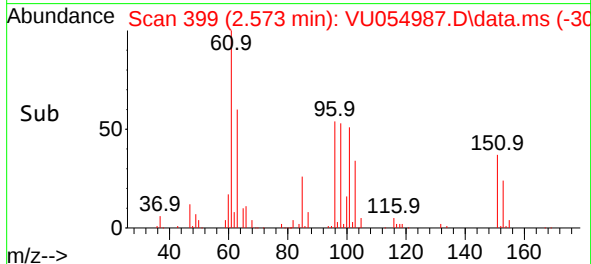
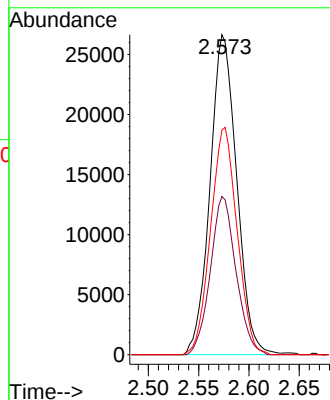
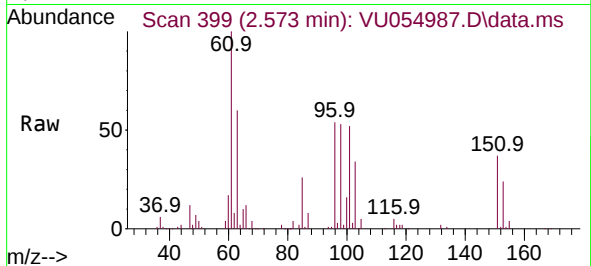




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.453 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU054987.D
 Acq: 30 Aug 2023 04:31

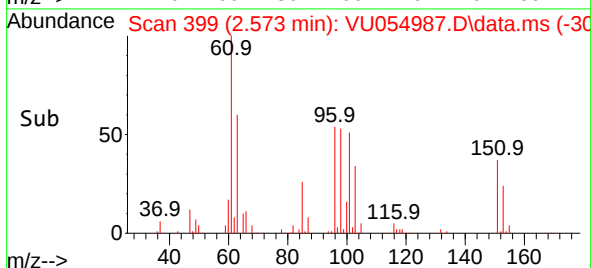
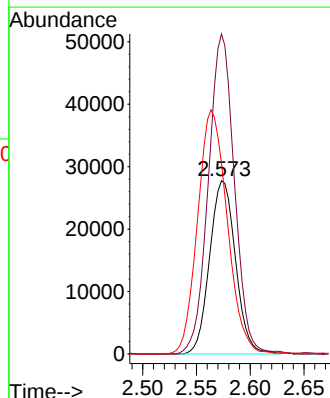
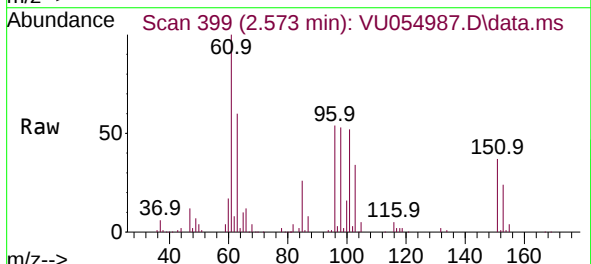
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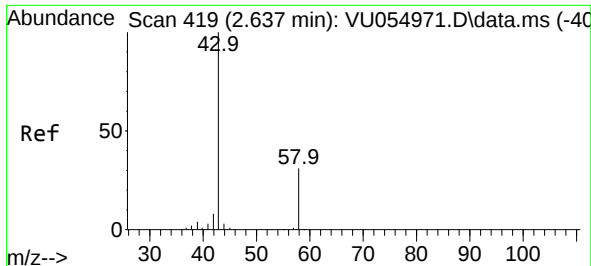
Tgt Ion:101 Resp: 49175
 Ion Ratio Lower Upper
 101 100
 85 47.5 38.3 57.5
 151 70.7 51.5 77.3



#12
 1,1-Dichloroethene
 Concen: 5.916 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU054987.D
 Acq: 30 Aug 2023 04:31

Tgt Ion: 96 Resp: 46424
 Ion Ratio Lower Upper
 96 100
 61 184.7 132.4 245.8
 63 110.2 82.5 153.1





#13

Acetone

Concen: 53.576 ug/L

RT: 2.663 min Scan# 419

Delta R.T. 0.026 min

Lab File: VU054987.D

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Instrument :

MSVOA_U

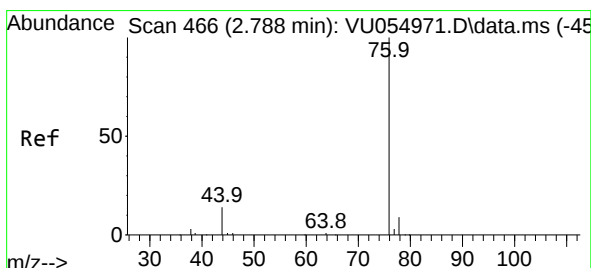
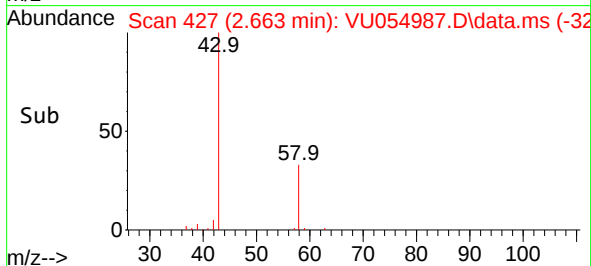
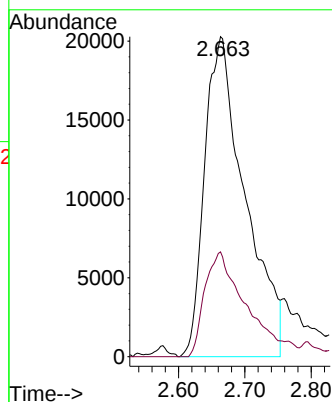
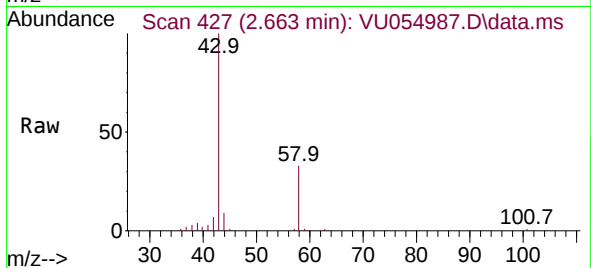
ClientSampleId :

Tgt Ion: 43 Resp: 85745

Ion Ratio Lower Upper

43 100

58 34.0 0.0 64.4



#14

Carbon disulfide

Concen: 5.268 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

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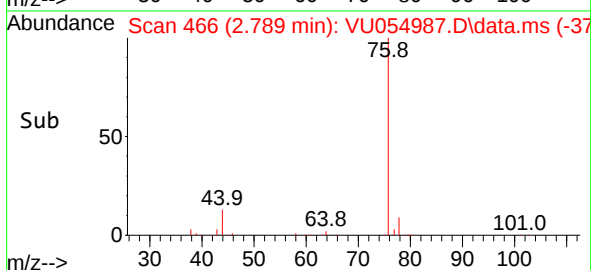
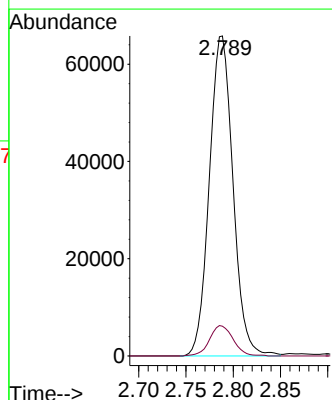
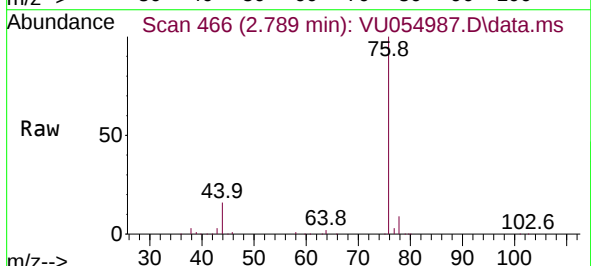
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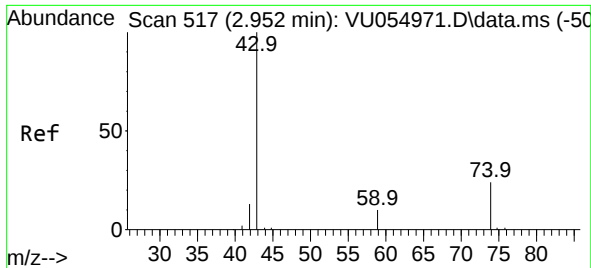
Tgt Ion: 76 Resp: 114495

Ion Ratio Lower Upper

76 100

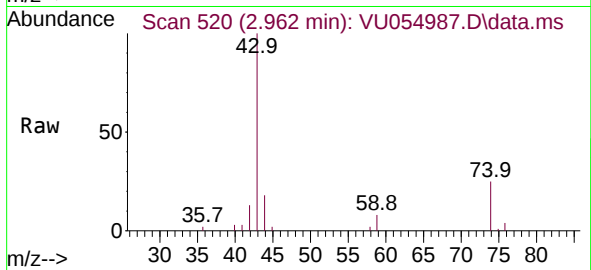
78 9.3 8.2 12.2



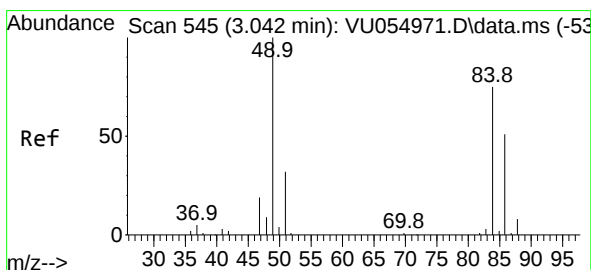
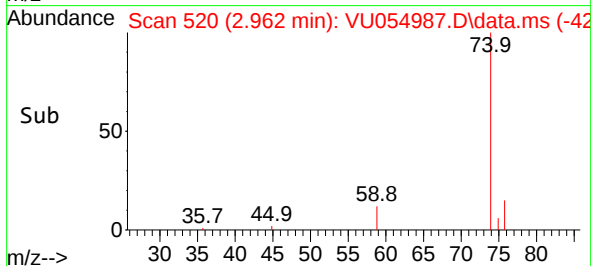
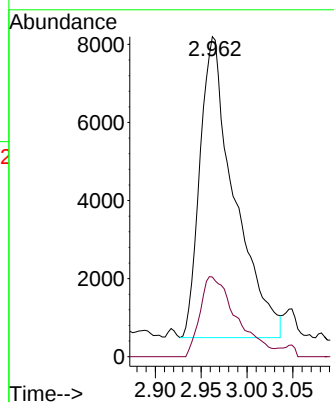


#15
Methyl Acetate
Concen: 6.131 ug/L
RT: 2.962 min Scan# 517
Delta R.T. 0.010 min
Lab File: VU054987.D
Acq: 30 Aug 2023 04:31

Instrument :
MSVOA_U
ClientSampleId :

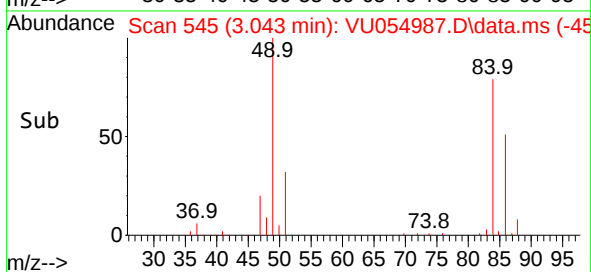
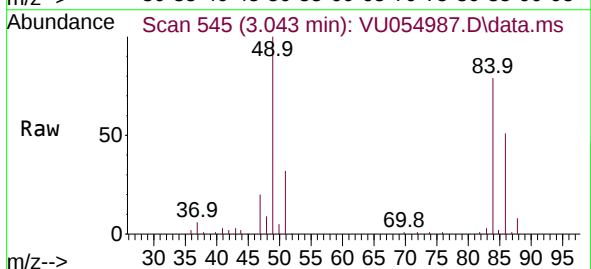
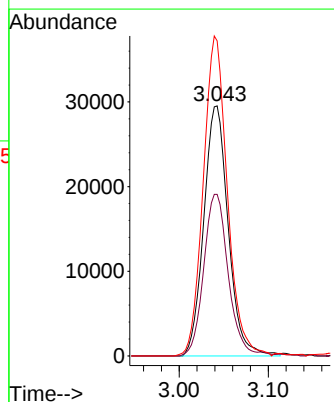


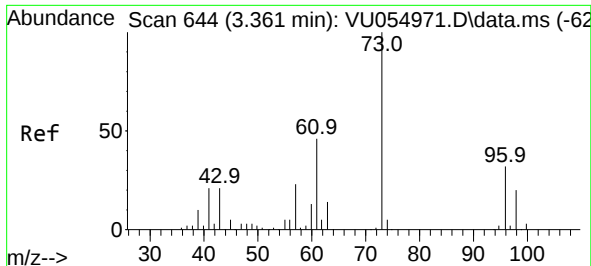
Tgt Ion: 43 Resp: 20088
Ion Ratio Lower Upper
43 100
74 28.4 19.5 29.3



#16
Methylene chloride
Concen: 4.673 ug/L
RT: 3.043 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU054987.D
Acq: 30 Aug 2023 04:31

Tgt Ion: 84 Resp: 56336
Ion Ratio Lower Upper
84 100
86 64.6 45.1 83.7
49 126.0 89.5 166.3

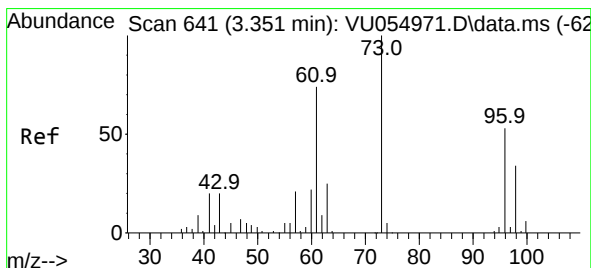
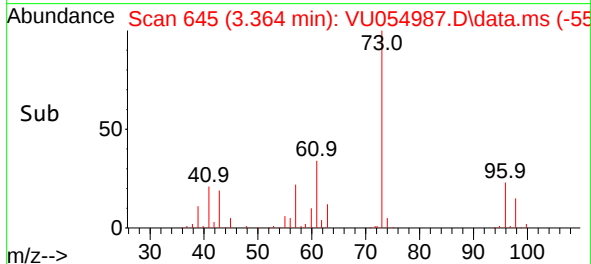
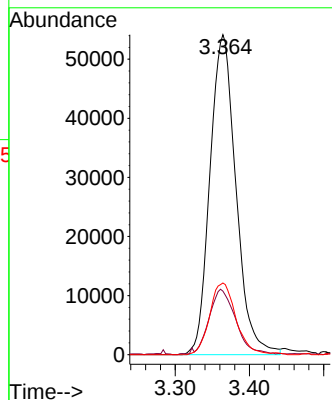
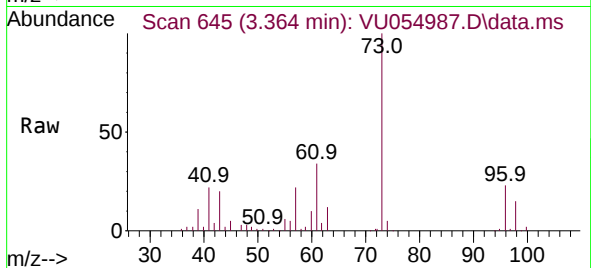




#17
Methyl tert-butyl Ether
Concen: 5.769 ug/L
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU054987.D
Acq: 30 Aug 2023 04:31

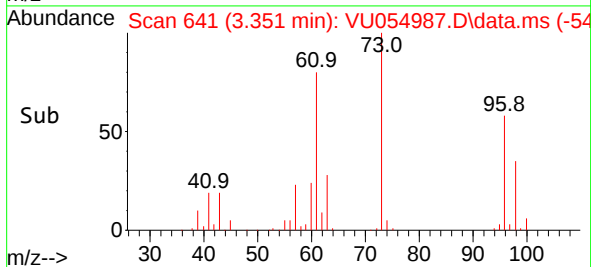
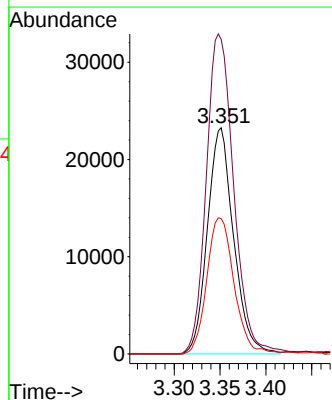
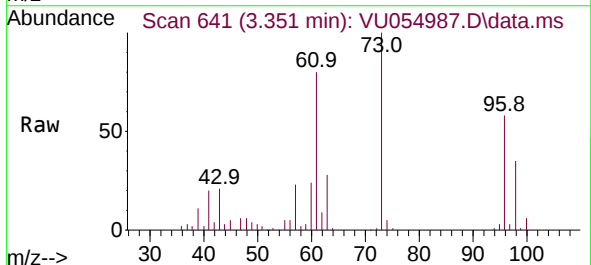
Instrument :
MSVOA_U
ClientSampleId :

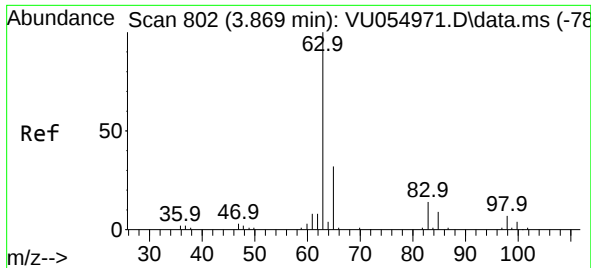
Tgt Ion: 73 Resp: 131761
Ion Ratio Lower Upper
73 100
43 21.2 16.2 24.2
57 22.5 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.392 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU054987.D
Acq: 30 Aug 2023 04:31

Tgt Ion: 96 Resp: 46239
Ion Ratio Lower Upper
96 100
61 139.1 108.8 202.0
98 59.8 45.8 85.2





#19

1,1-Dichloroethane

Concen: 5.568 ug/L

RT: 3.866 min Scan# 80

Delta R.T. -0.003 min

Lab File: VU054987.D

Acq: 30 Aug 2023 04:31

Instrument :

MSVOA_U

ClientSampleId :

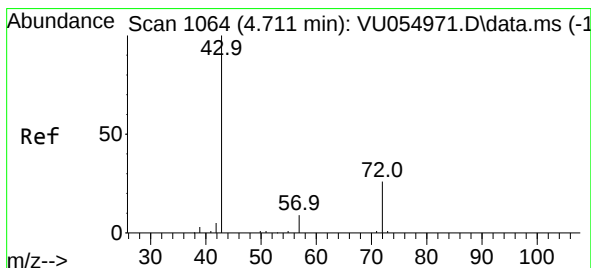
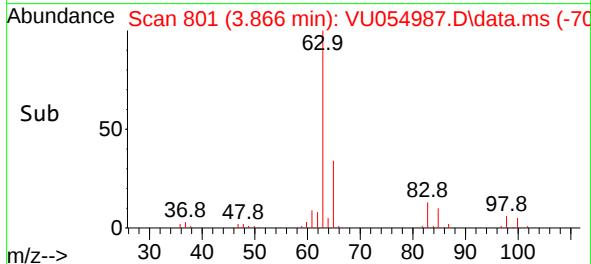
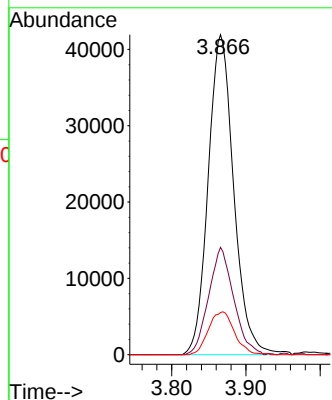
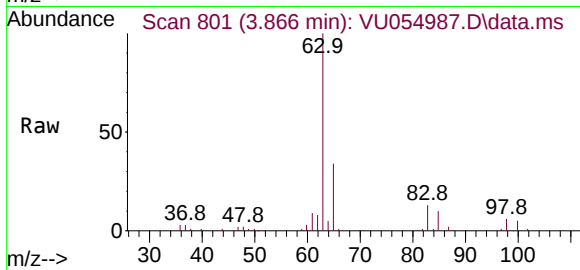
Tgt Ion: 63 Resp: 100160

Ion Ratio Lower Upper

63 100

65 33.6 22.5 41.7

83 13.2 9.5 17.7



#21

2-Butanone

Concen: 61.645 ug/L

RT: 4.724 min Scan# 1068

Delta R.T. 0.013 min

Lab File: VU054987.D

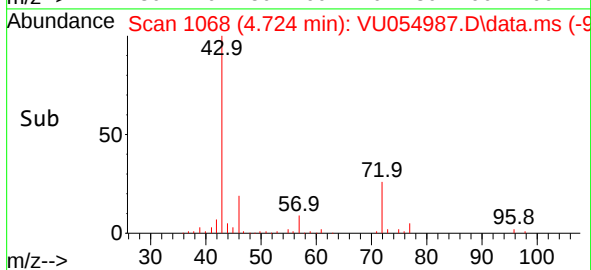
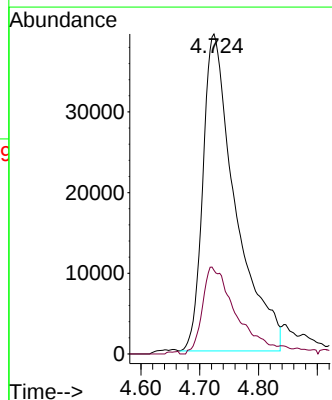
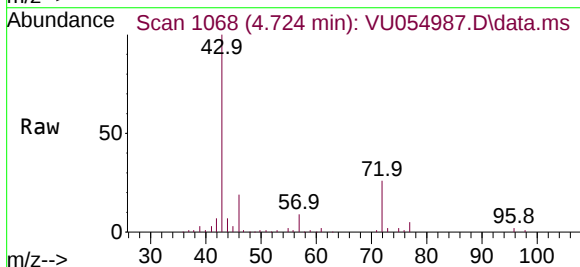
Acq: 30 Aug 2023 04:31

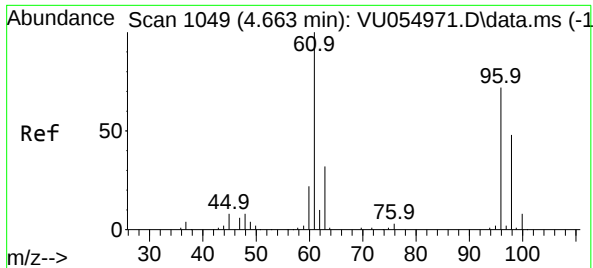
Tgt Ion: 43 Resp: 151178

Ion Ratio Lower Upper

43 100

72 28.2 14.1 42.3

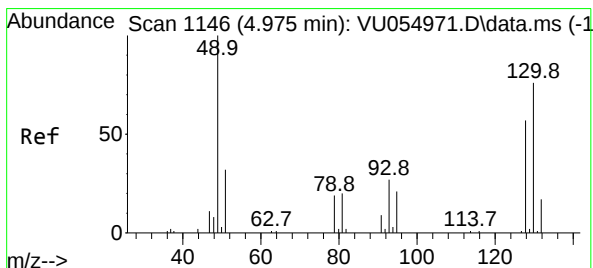
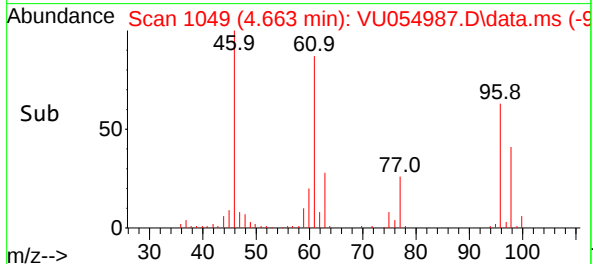
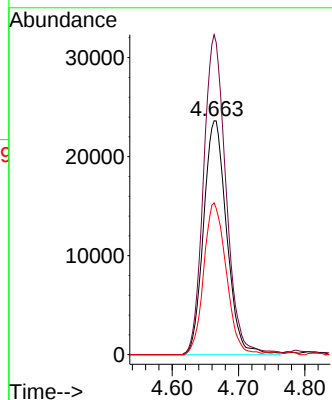
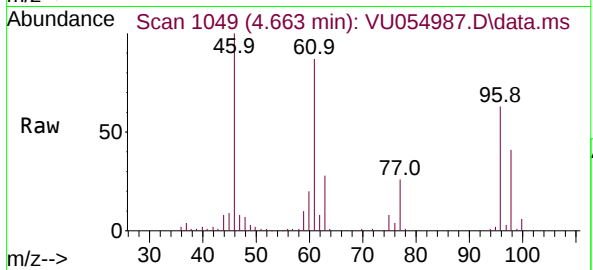




#22
 cis-1,2-Dichloroethene
 Concen: 5.592 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU054987.D
 Acq: 30 Aug 2023 04:31

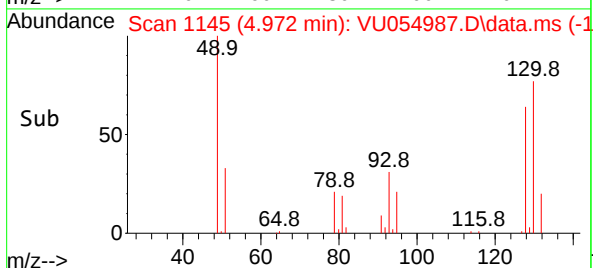
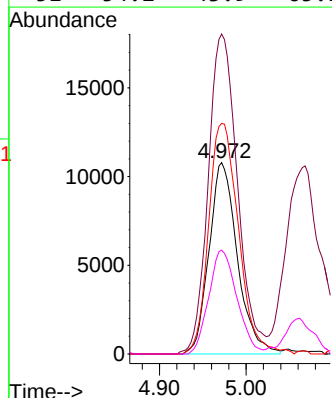
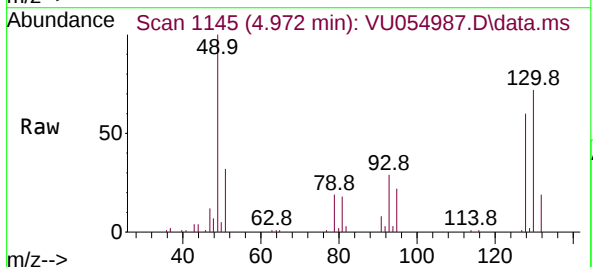
Instrument :
 MSVOA_U
 ClientSampleId :

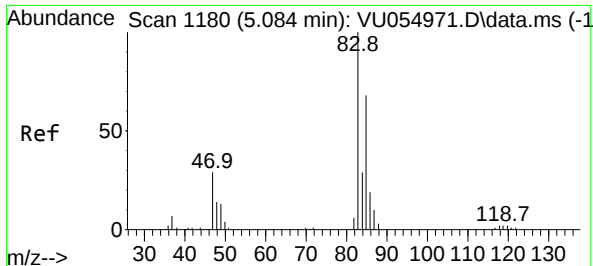
Tgt Ion: 96 Resp: 57170
 Ion Ratio Lower Upper
 96 100
 61 136.8 88.4 164.2
 98 64.9 44.0 81.6



#23
 Bromochloromethane
 Concen: 5.545 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. -0.003 min
 Lab File: VU054987.D
 Acq: 30 Aug 2023 04:31

Tgt Ion: 128 Resp: 24532
 Ion Ratio Lower Upper
 128 100
 49 175.2 113.8 211.3
 130 120.4 83.9 155.7
 51 54.2 43.9 65.9





#25

Chloroform

Concen: 5.265 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU054987.D

Acq: 30 Aug 2023 04:31

Instrument :

MSVOA_U

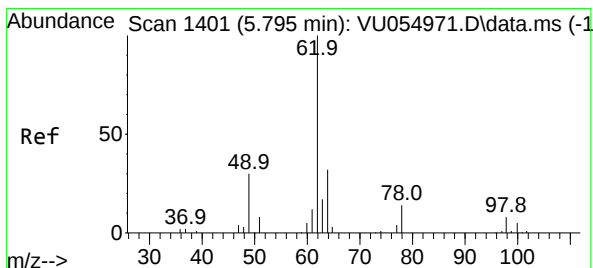
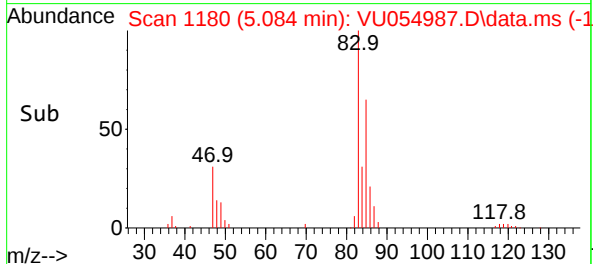
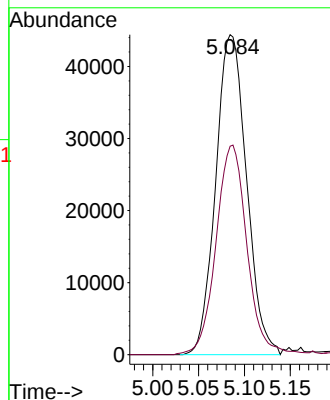
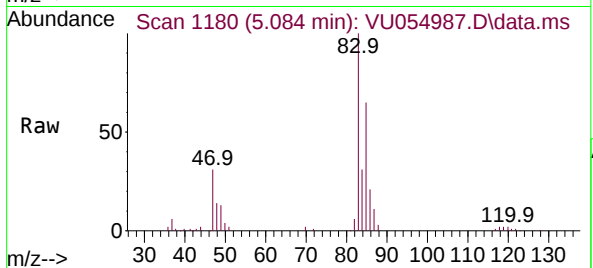
ClientSampleId :

Tgt Ion: 83 Resp: 103886

Ion Ratio Lower Upper

83 100

85 65.1 46.7 86.7



#27

1,2-Dichloroethane

Concen: 5.634 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. -0.003 min

Lab File: VU054987.D

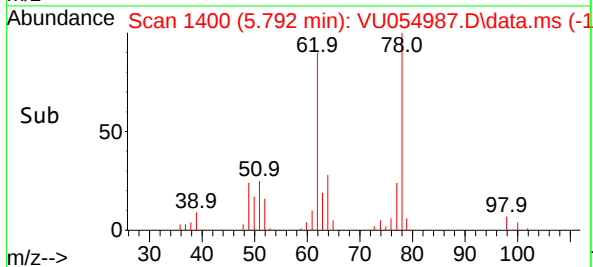
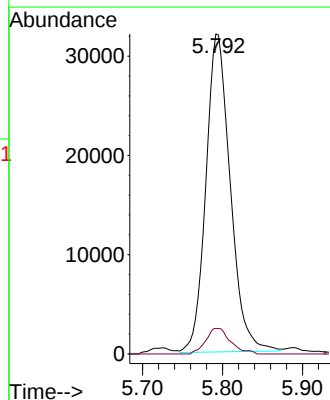
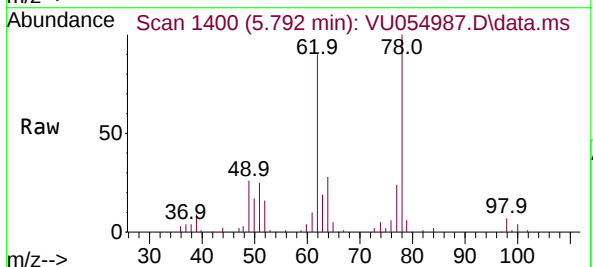
Acq: 30 Aug 2023 04:31

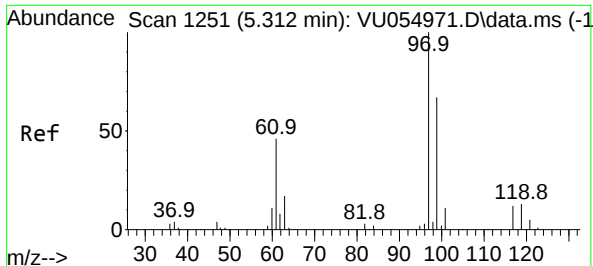
Tgt Ion: 62 Resp: 67925

Ion Ratio Lower Upper

62 100

98 8.0 7.0 10.6

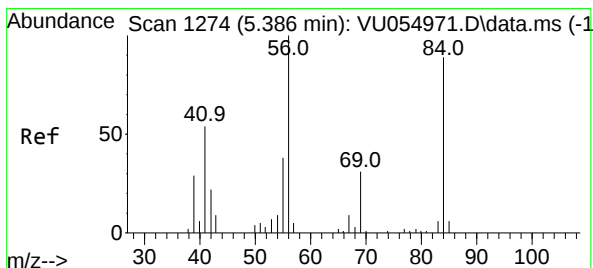
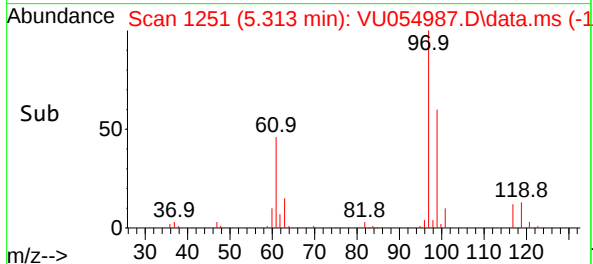
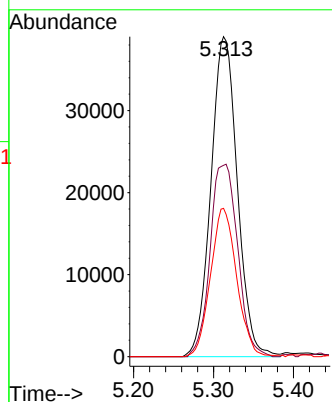
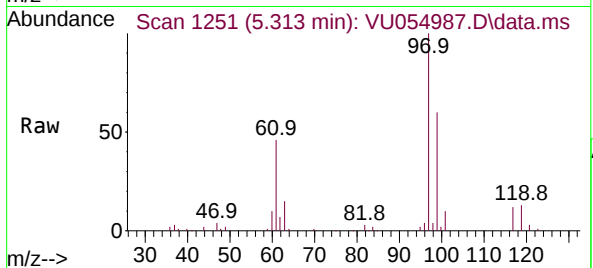




#29
1,1,1-Trichloroethane
Concen: 5.406 ug/L
RT: 5.313 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054987.D
Acq: 30 Aug 2023 04:31

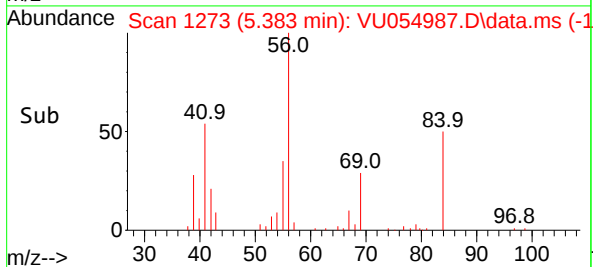
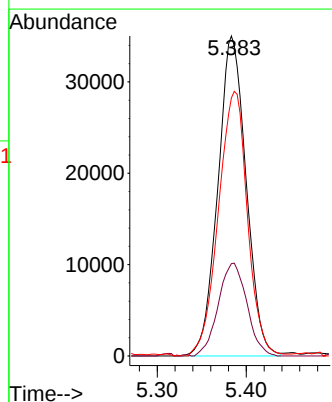
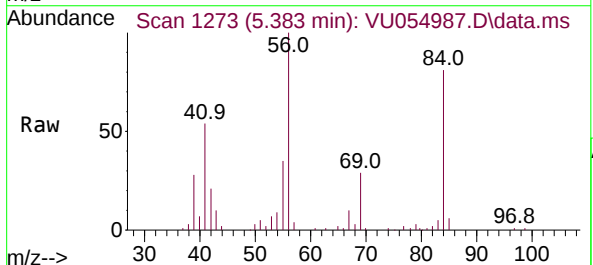
Instrument :
MSVOA_U
ClientSampleId :

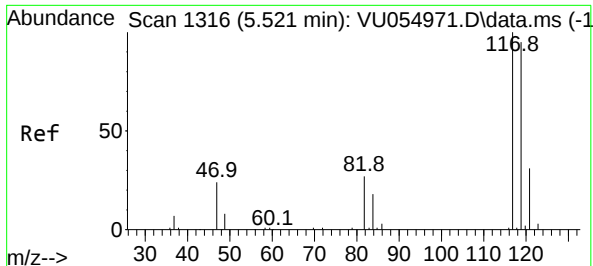
Tgt Ion: 97 Resp: 89645
Ion Ratio Lower Upper
97 100
99 62.7 51.5 77.3
61 45.8 37.2 55.8



#30
Cyclohexane
Concen: 5.242 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.003 min
Lab File: VU054987.D
Acq: 30 Aug 2023 04:31

Tgt Ion: 56 Resp: 77050
Ion Ratio Lower Upper
56 100
69 29.4 24.5 36.7
84 85.1 71.3 106.9

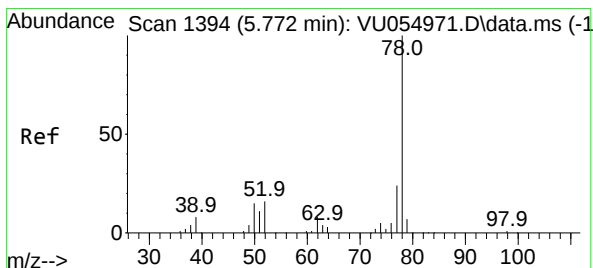
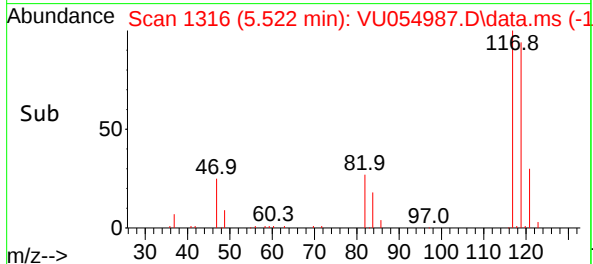
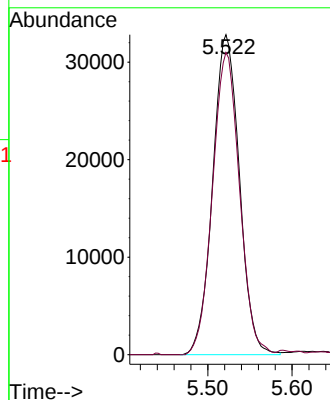
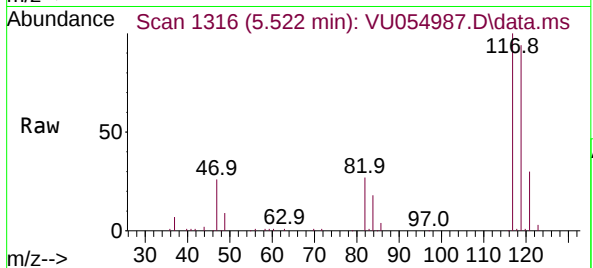




#31
Carbon tetrachloride
Concen: 5.112 ug/L
RT: 5.522 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU054987.D
Acq: 30 Aug 2023 04:31

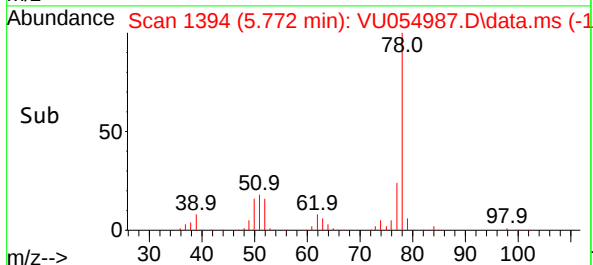
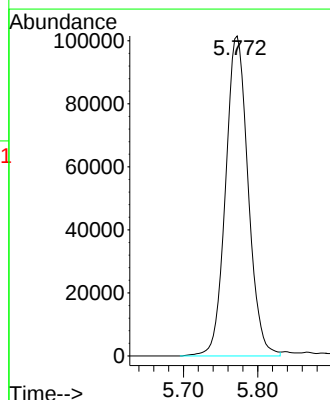
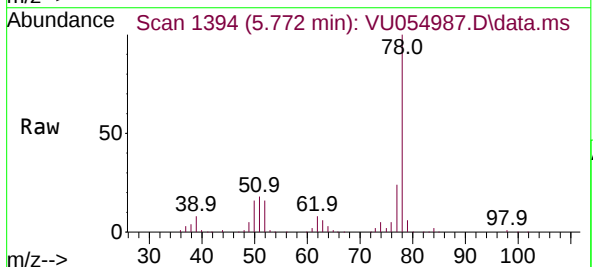
Instrument :
MSVOA_U
ClientSampleId :

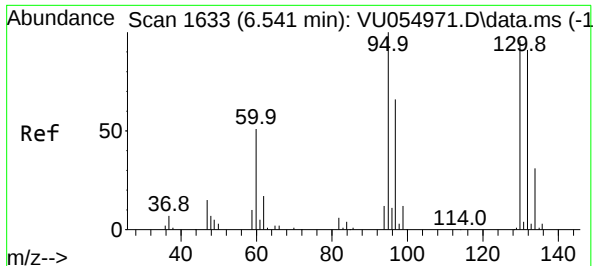
Tgt Ion:117 Resp: 72123
Ion Ratio Lower Upper
117 100
119 95.6 76.6 115.0



#33
Benzene
Concen: 5.448 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VU054987.D
Acq: 30 Aug 2023 04:31

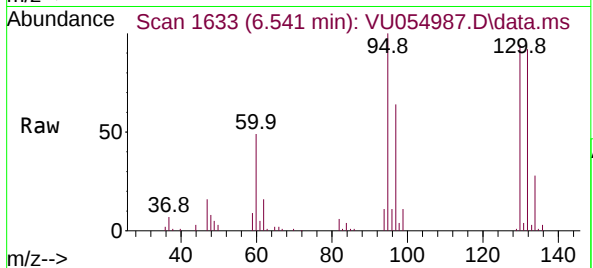
Tgt Ion: 78 Resp: 214361



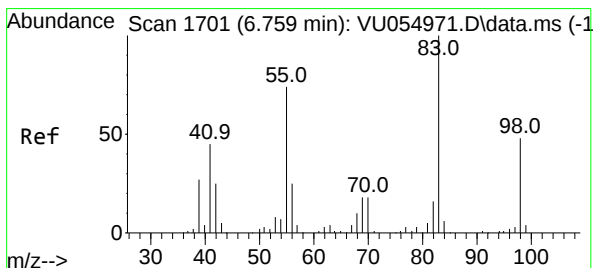
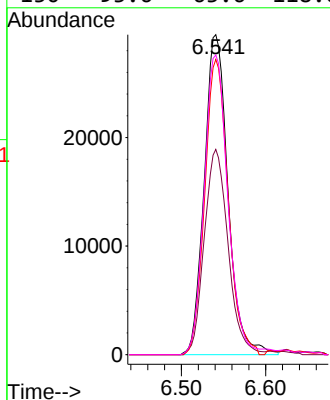
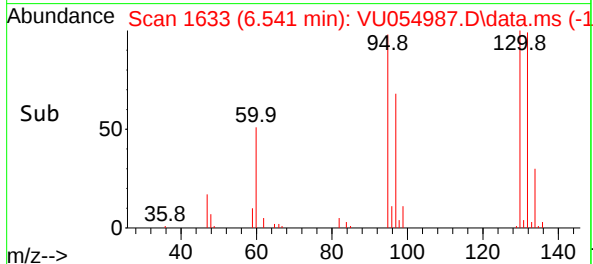


#34
Trichloroethene
Concen: 5.307 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054987.D
Acq: 30 Aug 2023 04:31

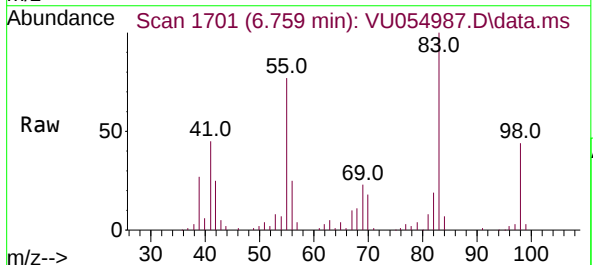
Instrument :
MSVOA_U
ClientSampleId :



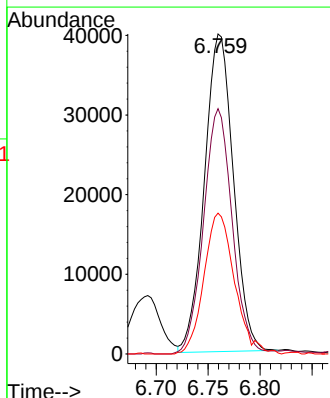
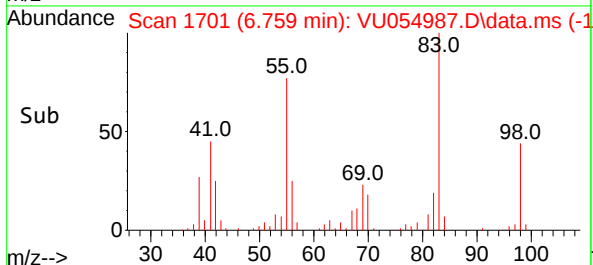
Tgt Ion: 95 Resp: 57880
Ion Ratio Lower Upper
95 100
97 64.1 44.1 81.9
132 92.3 63.6 118.2
130 93.6 63.6 118.0

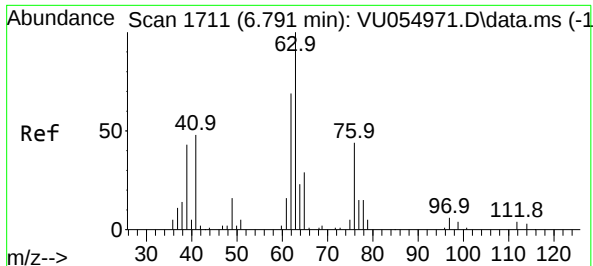


#35
Methylcyclohexane
Concen: 4.795 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU054987.D
Acq: 30 Aug 2023 04:31



Tgt Ion: 83 Resp: 77366
Ion Ratio Lower Upper
83 100
55 76.8 62.1 93.1
98 46.7 37.8 56.6





#37

1,2-Dichloropropane

Concen: 5.236 ug/L

RT: 6.788 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU054987.D

Acq: 30 Aug 2023 04:31

Instrument :

MSVOA_U

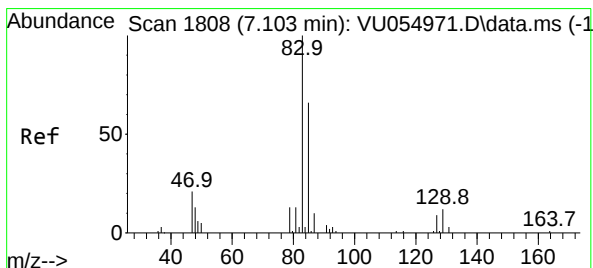
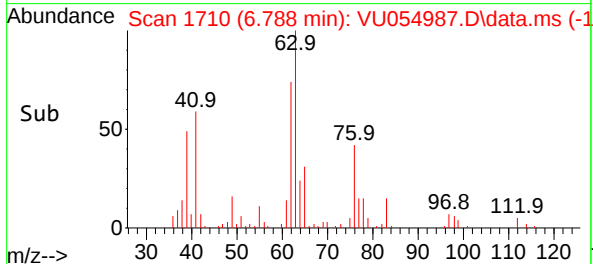
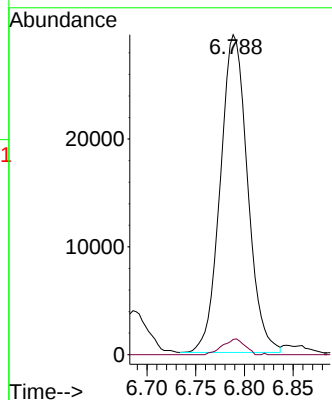
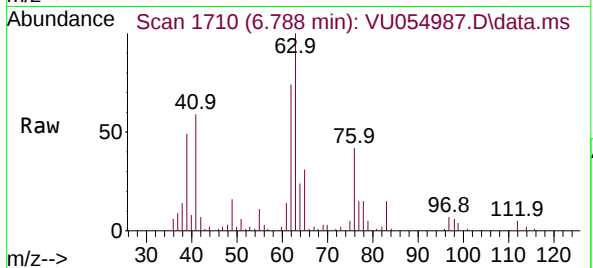
ClientSampleId :

Tgt Ion: 63 Resp: 57440

Ion Ratio Lower Upper

63 100

112 4.0 2.7 4.1



#38

Bromodichloromethane

Concen: 5.197 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU054987.D

Acq: 30 Aug 2023 04:31

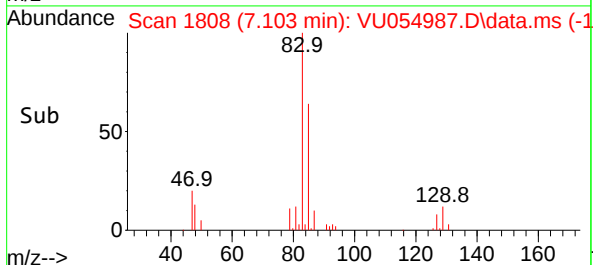
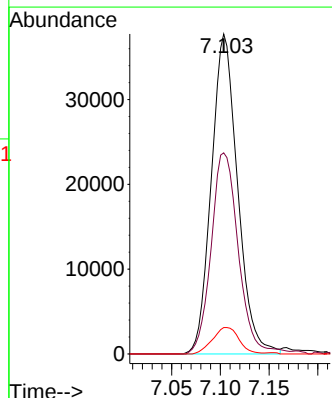
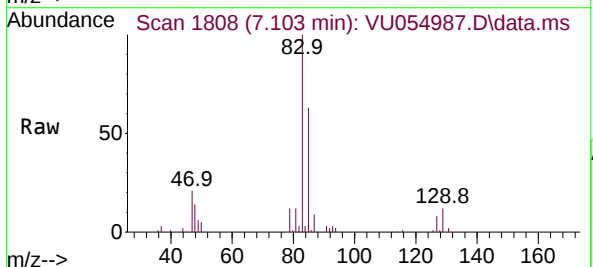
Tgt Ion: 83 Resp: 70726

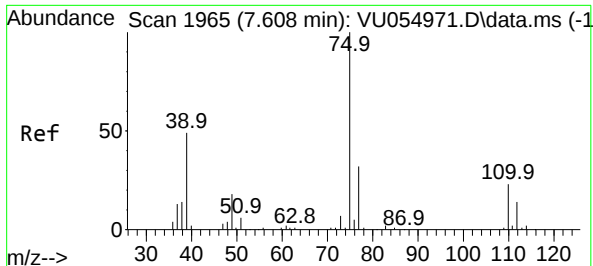
Ion Ratio Lower Upper

83 100

85 62.8 45.1 83.7

127 8.2 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 4.969 ug/L

RT: 7.605 min Scan# 1965

Delta R.T. -0.003 min

Lab File: VU054987.D

Acq: 30 Aug 2023 04:31

Instrument :

MSVOA_U

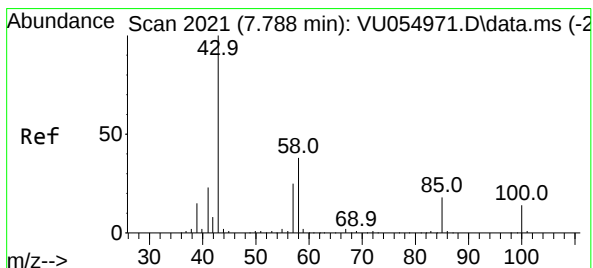
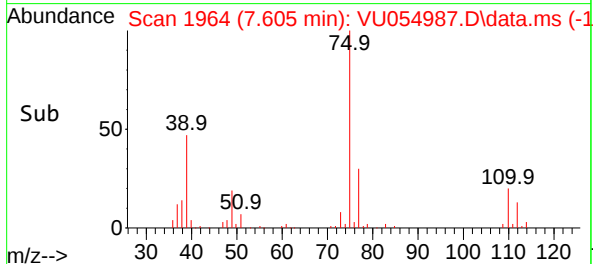
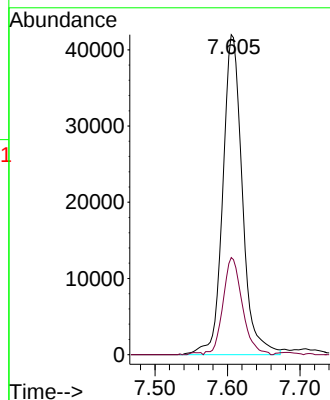
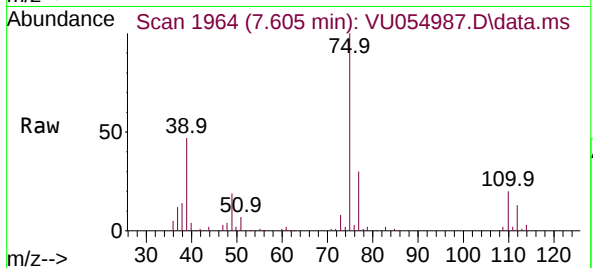
ClientSampleId :

Tgt Ion: 75 Resp: 78553

Ion Ratio Lower Upper

75 100

77 30.3 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 62.772 ug/L

RT: 7.792 min Scan# 2022

Delta R.T. 0.003 min

Lab File: VU054987.D

Acq: 30 Aug 2023 04:31

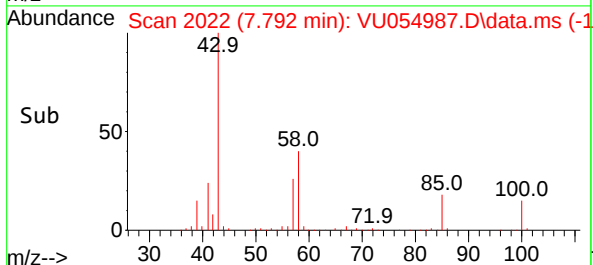
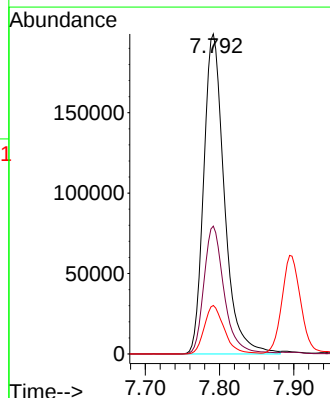
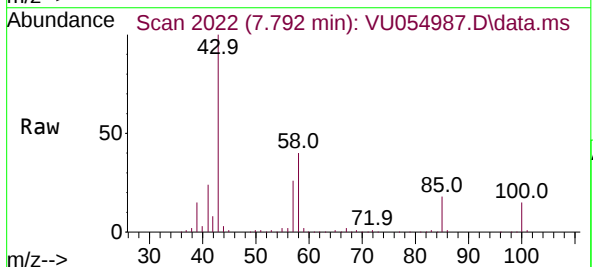
Tgt Ion: 43 Resp: 383895

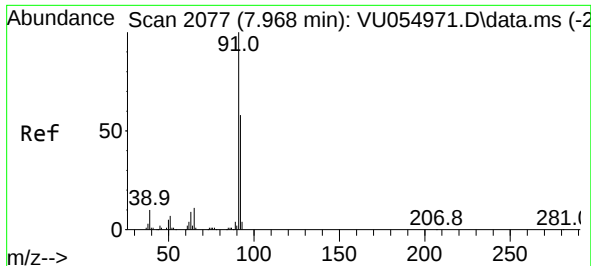
Ion Ratio Lower Upper

43 100

58 39.2 32.1 48.1

100 14.7 11.8 17.6





#42

Toluene

Concen: 5.257 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VU054987.D

Acq: 30 Aug 2023 04:31

Instrument :

MSVOA_U

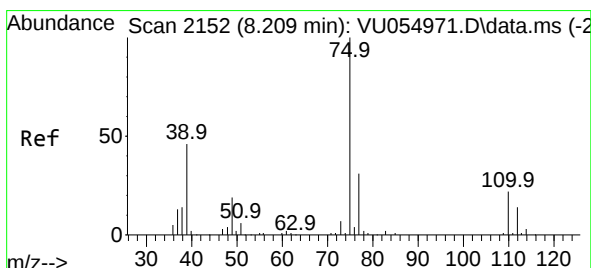
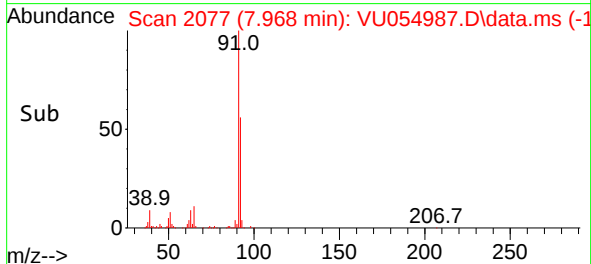
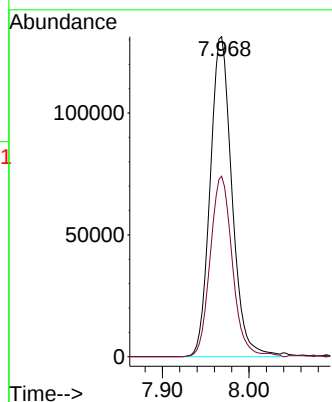
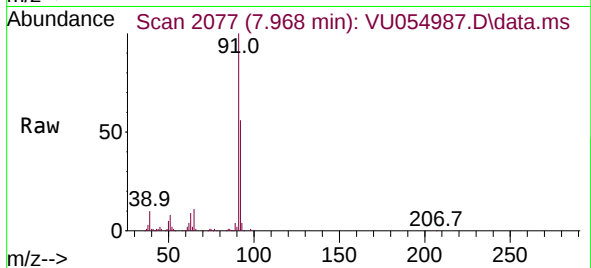
ClientSampleId :

Tgt Ion: 91 Resp: 229549

Ion Ratio Lower Upper

91 100

92 56.4 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.861 ug/L

RT: 8.210 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU054987.D

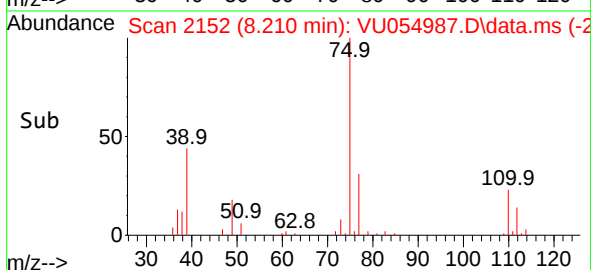
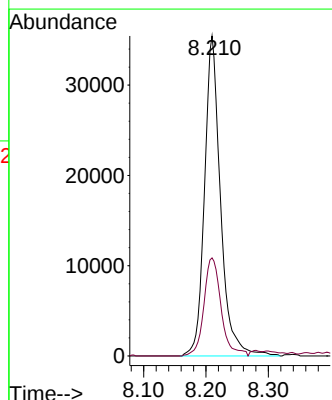
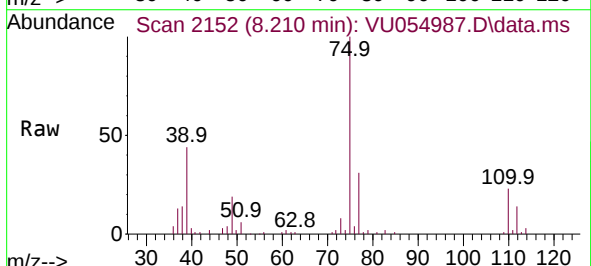
Acq: 30 Aug 2023 04:31

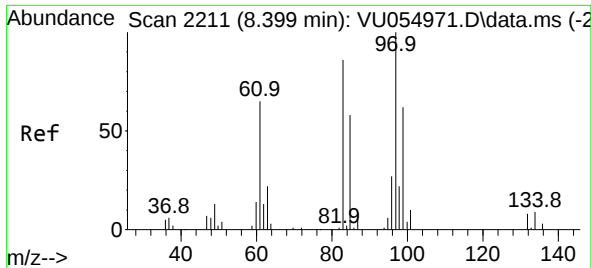
Tgt Ion: 75 Resp: 63461

Ion Ratio Lower Upper

75 100

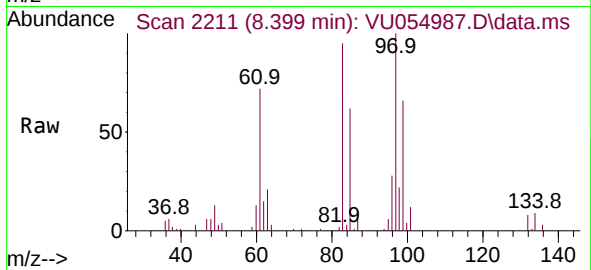
77 30.6 21.3 39.5





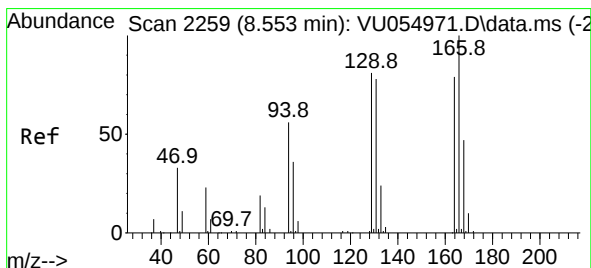
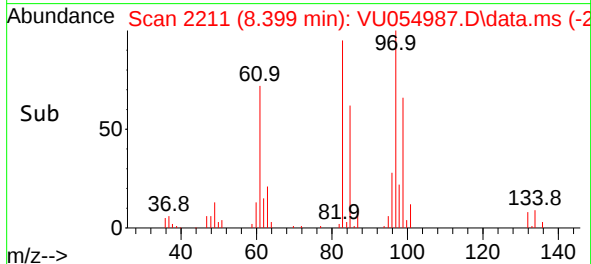
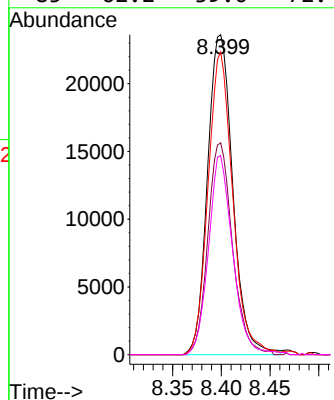
#45
1,1,2-Trichloroethane
Concen: 5.758 ug/L
RT: 8.399 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU054987.D
Acq: 30 Aug 2023 04:31

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 42632

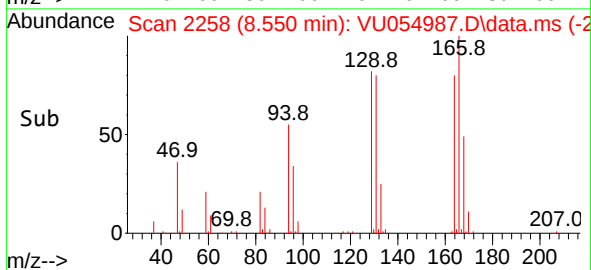
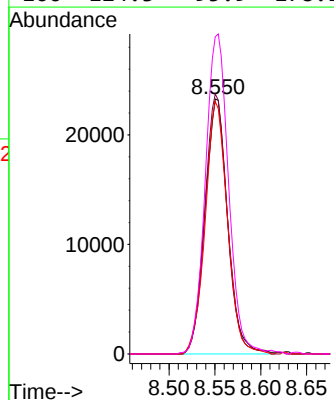
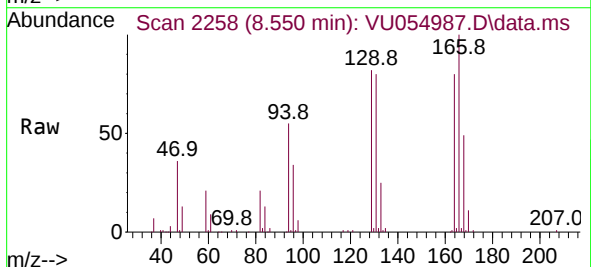
Ion	Ratio	Lower	Upper
97	100		
99	66.2	41.5	77.1
83	94.6	59.8	111.1
85	62.2	39.0	72.4

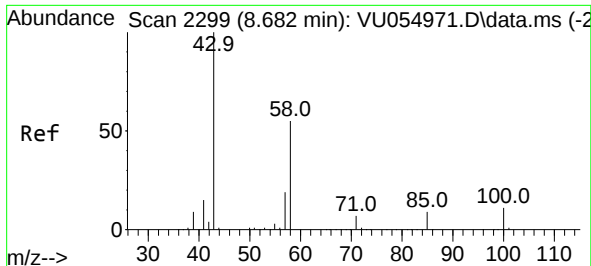


#47
Tetrachloroethene
Concen: 5.170 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.003 min
Lab File: VU054987.D
Acq: 30 Aug 2023 04:31

Tgt Ion: 164 Resp: 40513

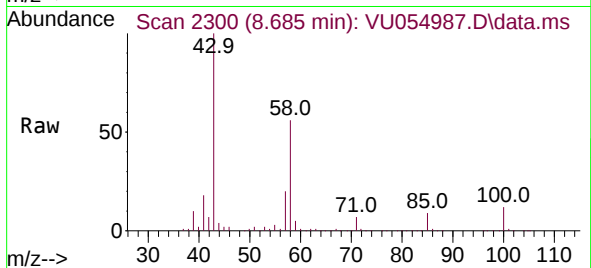
Ion	Ratio	Lower	Upper
164	100		
129	102.0	72.8	135.2
131	99.0	70.7	131.3
166	124.3	95.9	178.1



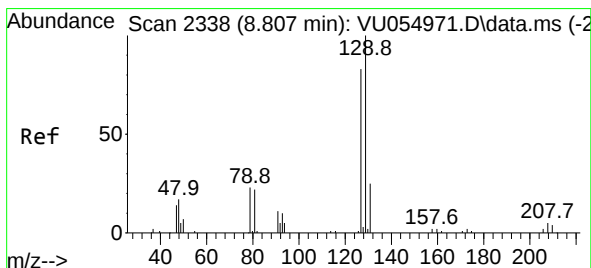
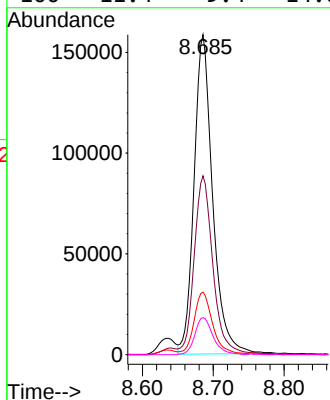
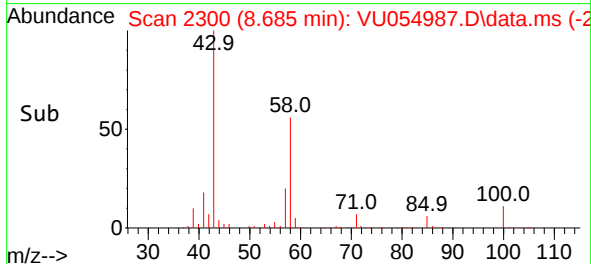


#48
2-Hexanone
Concen: 63.806 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054987.D
Acq: 30 Aug 2023 04:31

Instrument :
MSVOA_U
ClientSampleId :

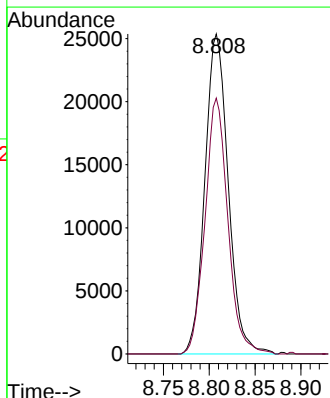
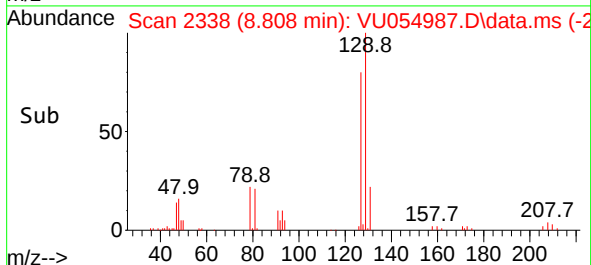
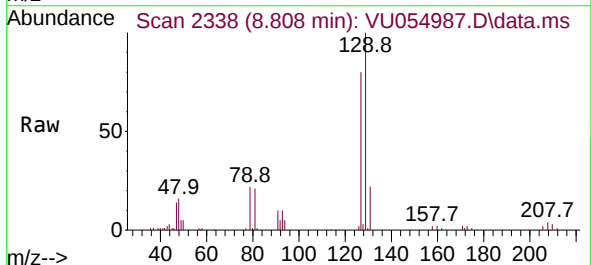


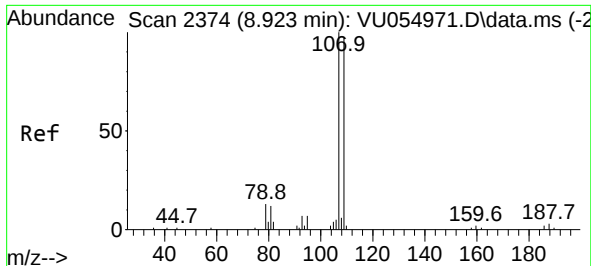
Tgt Ion: 43 Resp: 288985
Ion Ratio Lower Upper
43 100
58 55.8 44.0 66.0
57 19.2 15.9 23.9
100 11.4 9.4 14.0



#49
Dibromochloromethane
Concen: 5.238 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU054987.D
Acq: 30 Aug 2023 04:31

Tgt Ion:129 Resp: 44927
Ion Ratio Lower Upper
129 100
127 80.0 60.5 112.5





#50

1,2-Dibromoethane

Concen: 5.619 ug/L

RT: 8.923 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054987.D

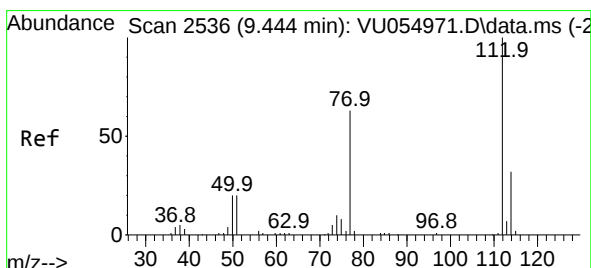
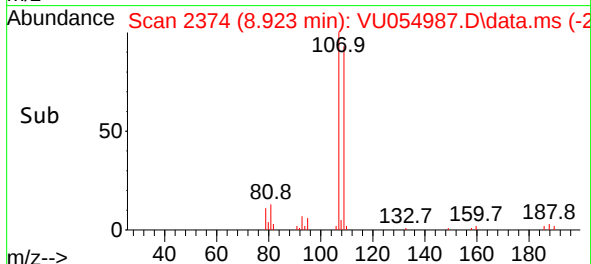
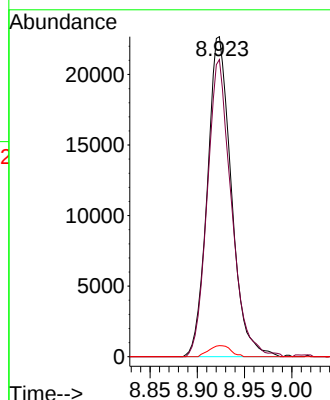
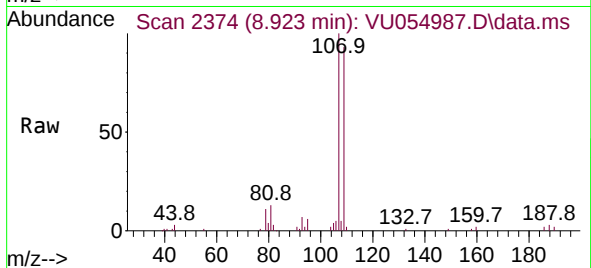
Acq: 30 Aug 2023 04:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	40044
Ion	Ratio	Lower	Upper
107	100		
109	92.9	67.8	125.8
188	3.4	2.5	3.7



#51

Chlorobenzene

Concen: 5.355 ug/L

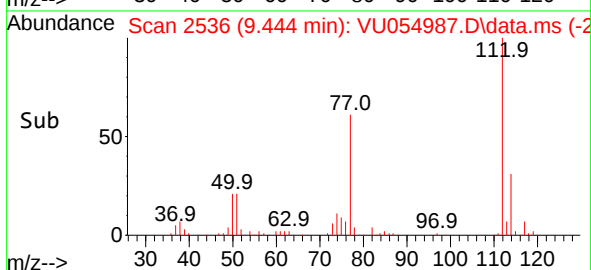
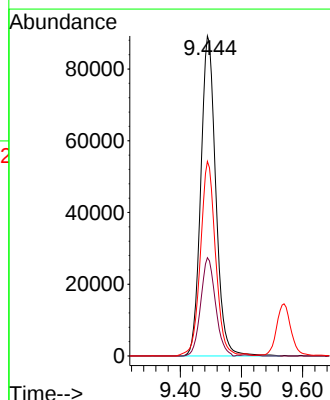
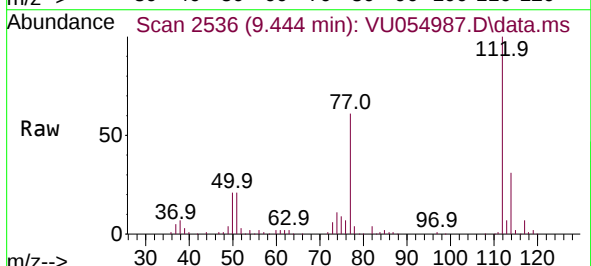
RT: 9.444 min Scan# 2536

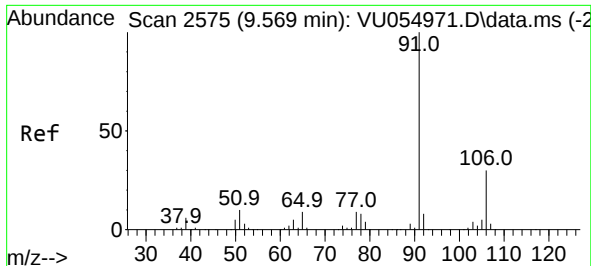
Delta R.T. 0.000 min

Lab File: VU054987.D

Acq: 30 Aug 2023 04:31

Tgt Ion:	112	Resp:	152179
Ion	Ratio	Lower	Upper
112	100		
114	30.7	23.4	43.4
77	60.8	49.3	73.9





#52

Ethylbenzene

Concen: 5.161 ug/L

RT: 9.570 min Scan# 2575

Delta R.T. 0.000 min

Lab File: VU054987.D

Acq: 30 Aug 2023 04:31

Instrument :

MSVOA_U

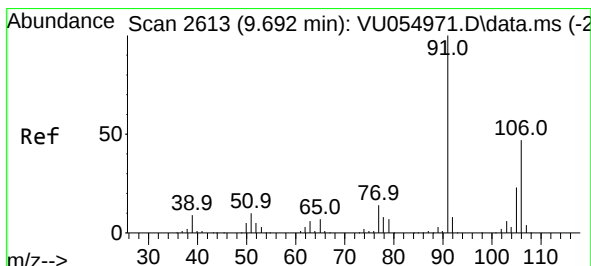
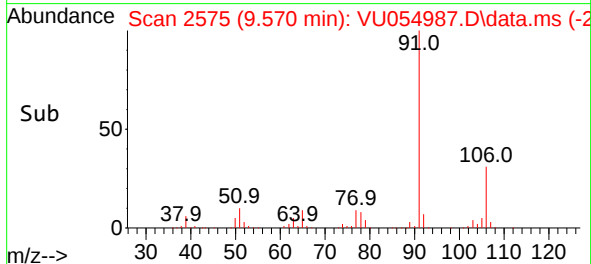
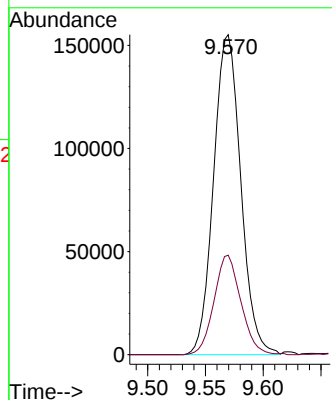
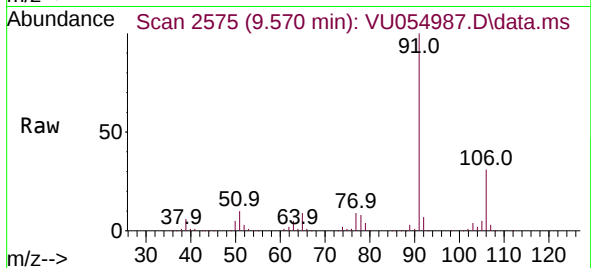
ClientSampleId :

Tgt Ion: 91 Resp: 254162

Ion Ratio Lower Upper

91 100

106 31.1 21.2 39.4



#53

m,p-Xylene

Concen: 5.206 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.000 min

Lab File: VU054987.D

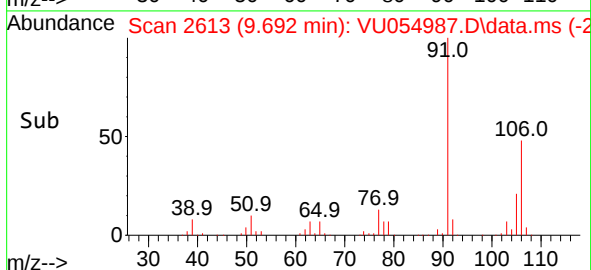
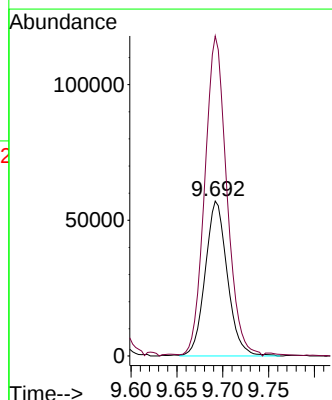
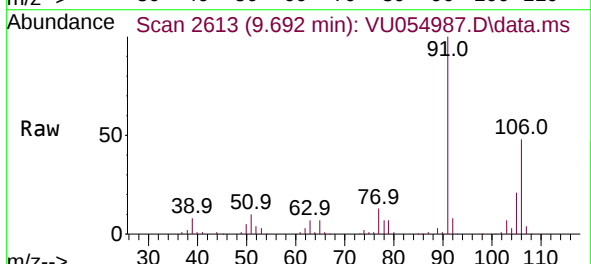
Acq: 30 Aug 2023 04:31

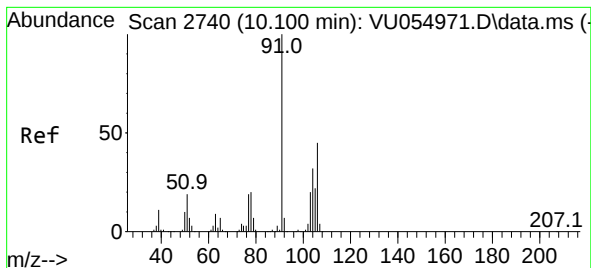
Tgt Ion: 106 Resp: 96075

Ion Ratio Lower Upper

106 100

91 206.7 147.7 274.3





#54

o-Xylene

Concen: 5.404 ug/L

RT: 10.097 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU054987.D

Acq: 30 Aug 2023 04:31

Instrument :

MSVOA_U

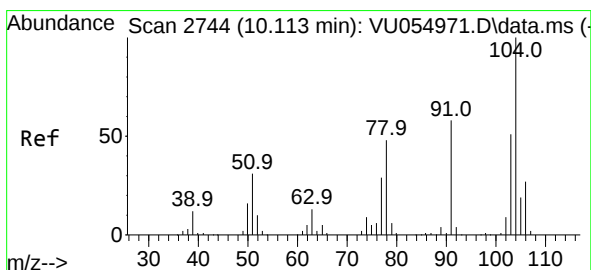
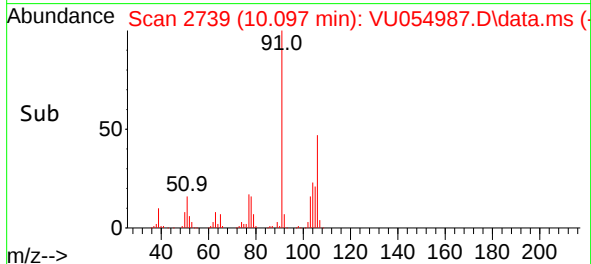
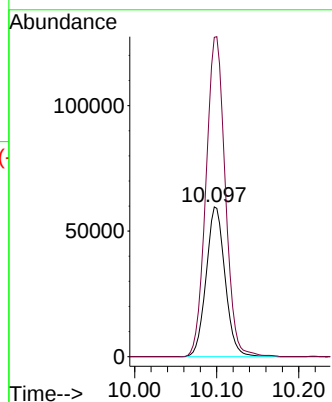
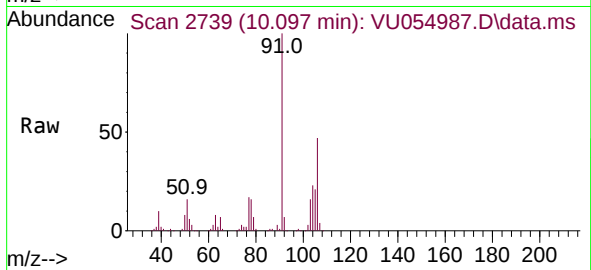
ClientSampleId :

Tgt Ion:106 Resp: 95612

Ion Ratio Lower Upper

106 100

91 213.3 154.2 286.4



#55

Styrene

Concen: 5.483 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.000 min

Lab File: VU054987.D

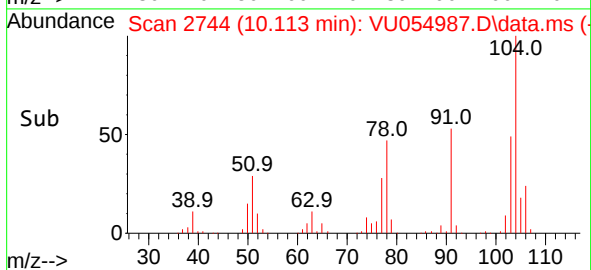
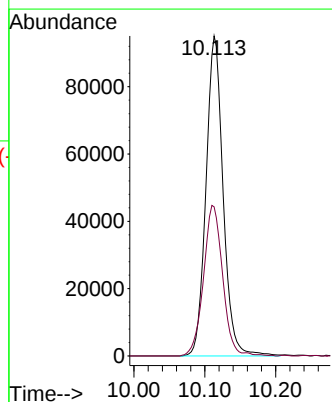
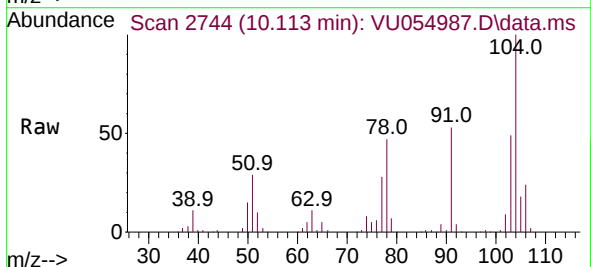
Acq: 30 Aug 2023 04:31

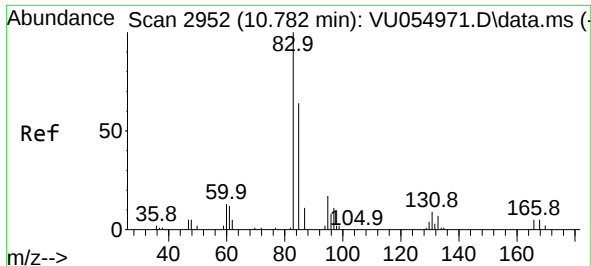
Tgt Ion:104 Resp: 159914

Ion Ratio Lower Upper

104 100

78 46.6 33.7 62.7





#57

1,1,2,2-Tetrachloroethane

Concen: 6.071 ug/L

RT: 10.782 min Scan# 2952

Delta R.T. 0.000 min

Lab File: VU054987.D

Acq: 30 Aug 2023 04:31

Instrument :

MSVOA_U

ClientSampleId :

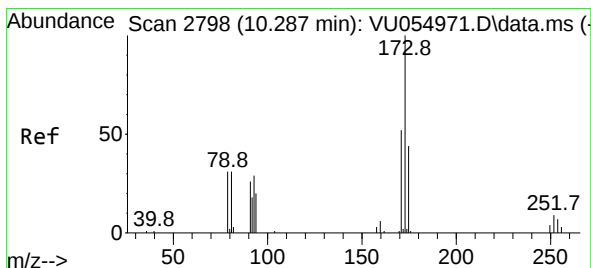
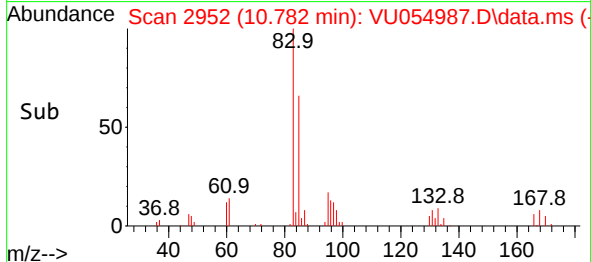
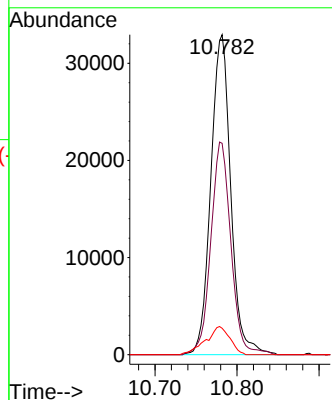
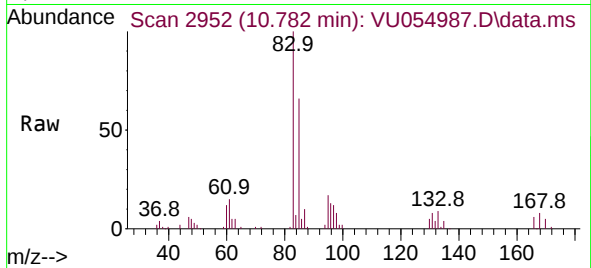
Tgt Ion: 83 Resp: 55607

Ion Ratio Lower Upper

83 100

85 66.0 46.1 85.5

131 8.3 7.7 11.5



#59

Bromoform

Concen: 5.312 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU054987.D

Acq: 30 Aug 2023 04:31

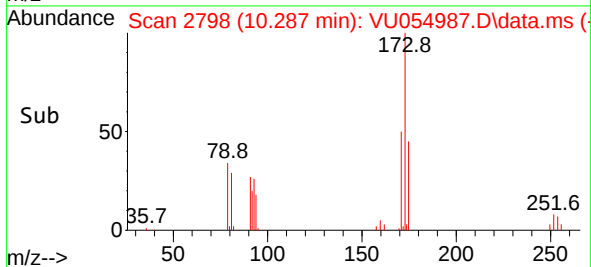
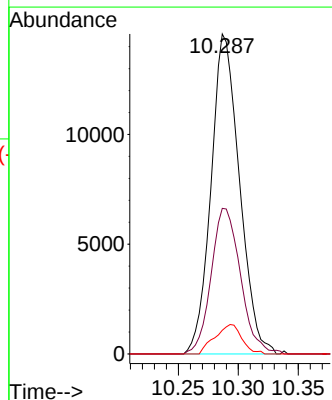
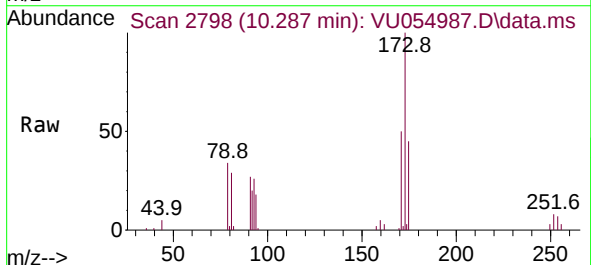
Tgt Ion:173 Resp: 24014

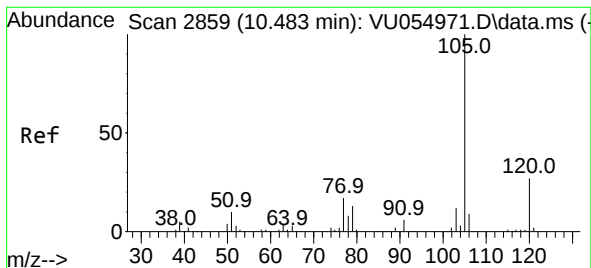
Ion Ratio Lower Upper

173 100

175 46.9 40.8 61.2

254 8.7 6.8 10.2





#60

Isopropylbenzene

Concen: 5.256 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU054987.D

Acq: 30 Aug 2023 04:31

Instrument :

MSVOA_U

ClientSampleId :

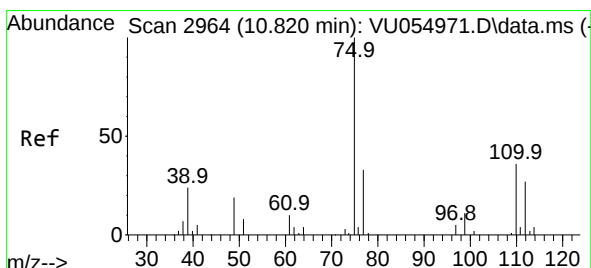
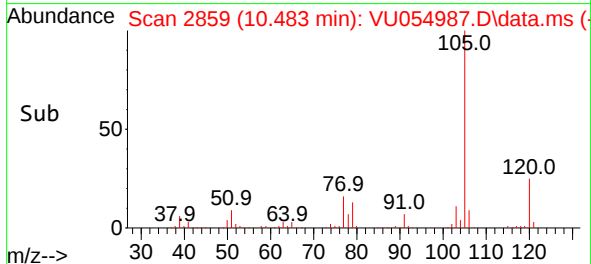
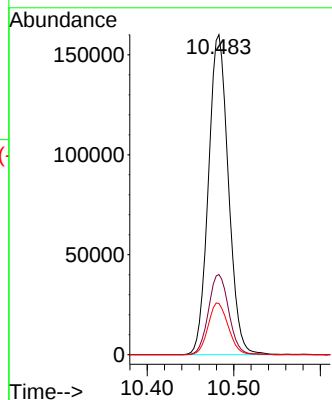
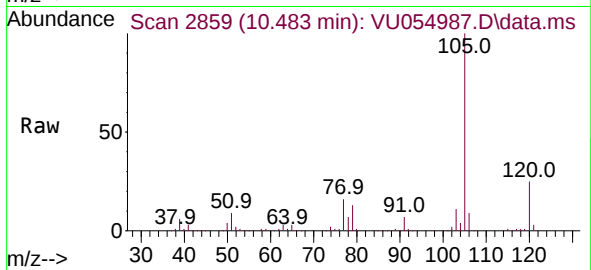
Tgt Ion:105 Resp: 256781

Ion Ratio Lower Upper

105 100

120 25.5 20.8 31.2

77 16.3 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.931 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. 0.000 min

Lab File: VU054987.D

Acq: 30 Aug 2023 04:31

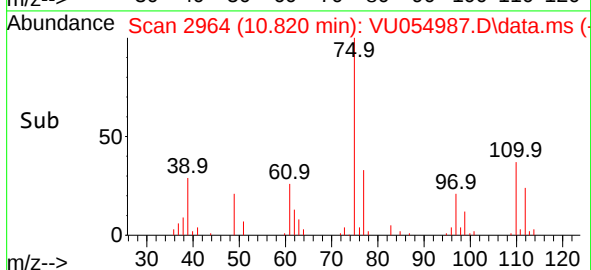
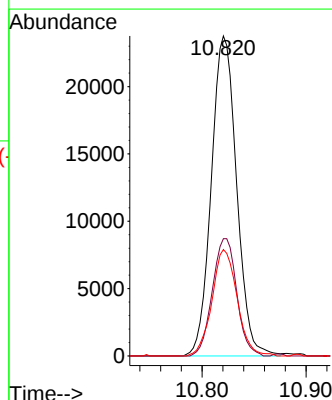
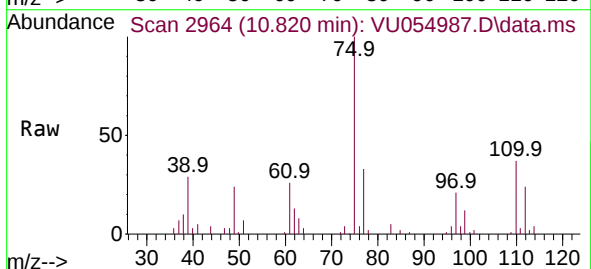
Tgt Ion: 75 Resp: 40184

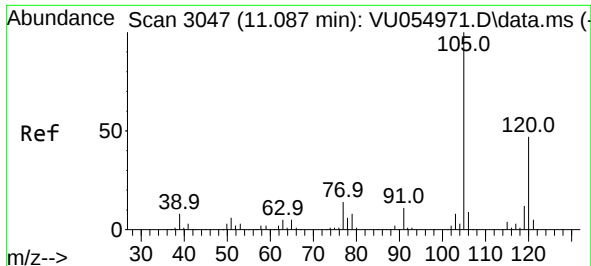
Ion Ratio Lower Upper

75 100

110 35.2 29.0 43.6

77 33.1 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 5.088 ug/L

RT: 11.087 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VU054987.D

Acq: 30 Aug 2023 04:31

Instrument :

MSVOA_U

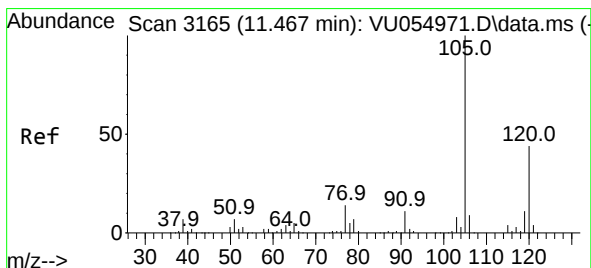
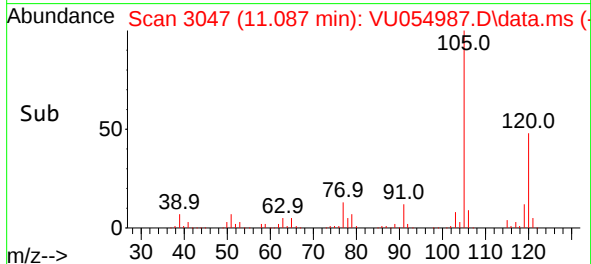
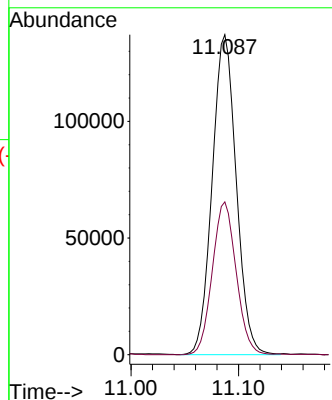
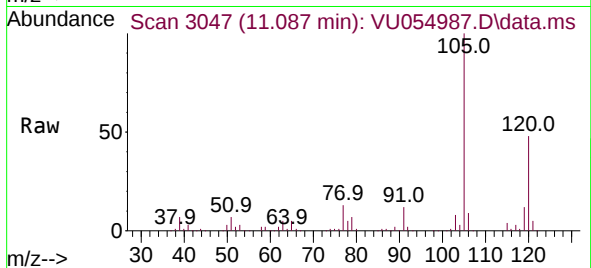
ClientSampleId :

Tgt Ion:105 Resp: 213348

Ion Ratio Lower Upper

105 100

120 47.2 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 5.261 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.000 min

Lab File: VU054987.D

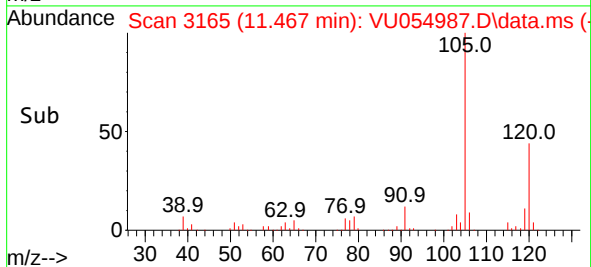
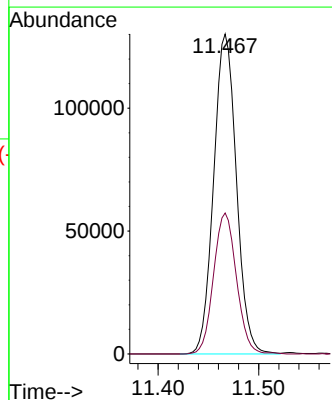
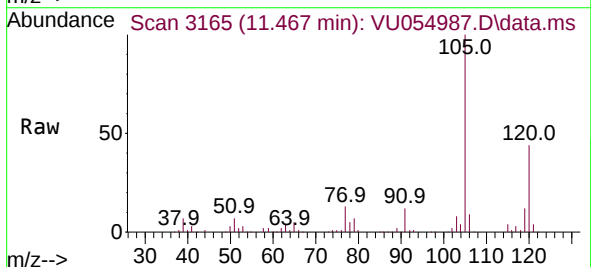
Acq: 30 Aug 2023 04:31

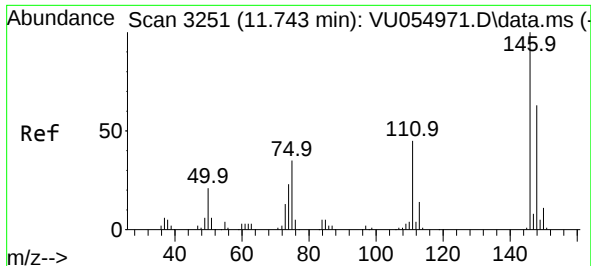
Tgt Ion:105 Resp: 204638

Ion Ratio Lower Upper

105 100

120 44.3 34.3 51.5

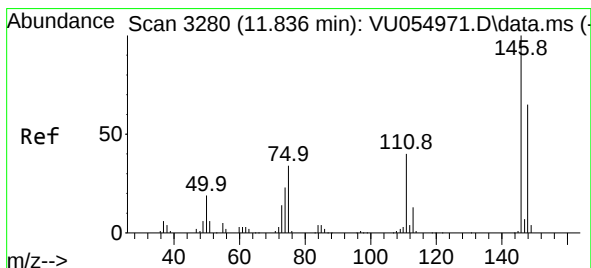
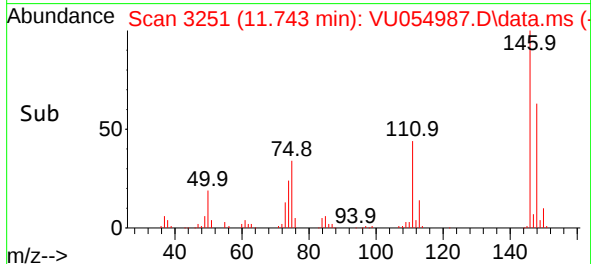
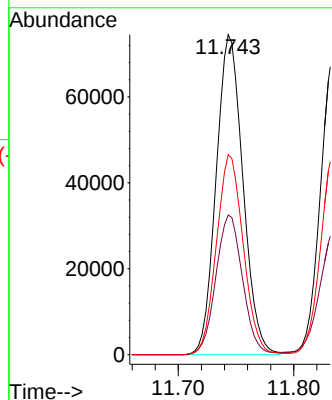
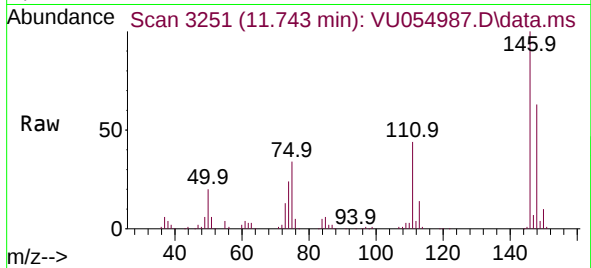




#64
1,3-Dichlorobenzene
Concen: 5.279 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054987.D
Acq: 30 Aug 2023 04:31

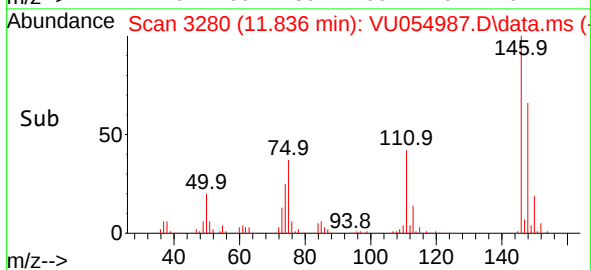
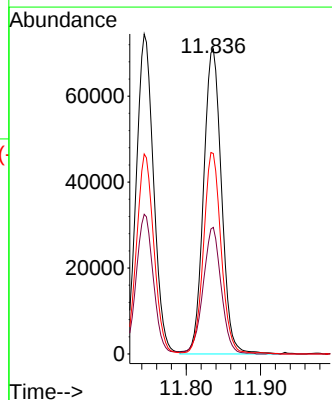
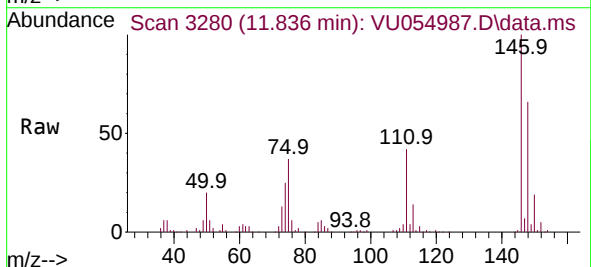
Instrument :
MSVOA_U
ClientSampleId :

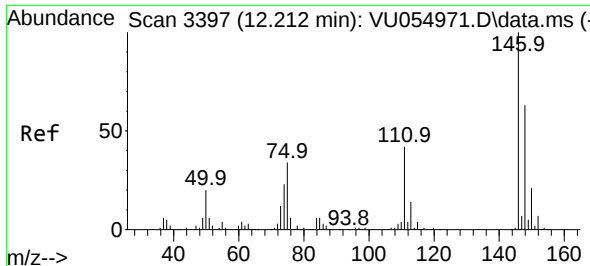
Tgt Ion:146 Resp: 119990
Ion Ratio Lower Upper
146 100
111 43.7 30.4 56.4
148 62.5 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.242 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.000 min
Lab File: VU054987.D
Acq: 30 Aug 2023 04:31

Tgt Ion:146 Resp: 119190
Ion Ratio Lower Upper
146 100
111 41.5 29.9 55.5
148 65.7 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.417 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU054987.D

Acq: 30 Aug 2023 04:31

Instrument :

MSVOA_U

ClientSampleId :

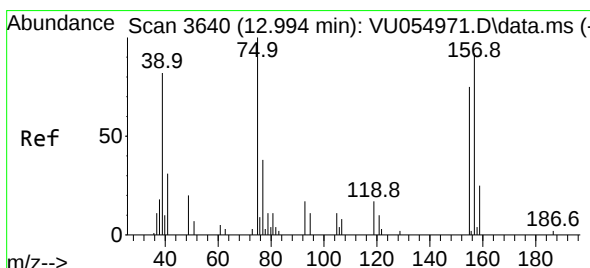
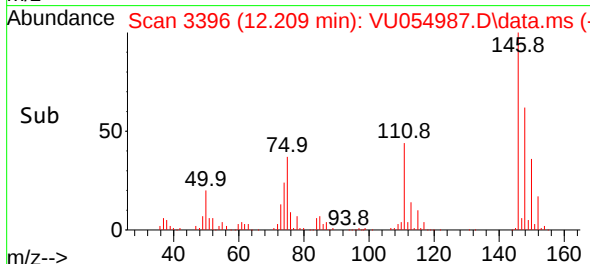
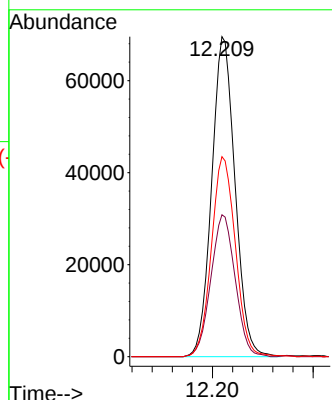
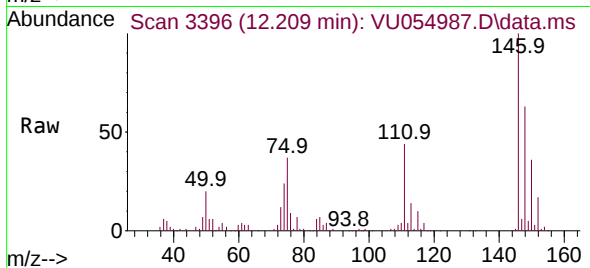
Tgt Ion:146 Resp: 112230

Ion Ratio Lower Upper

146 100

111 44.4 34.9 52.3

148 62.5 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 6.105 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU054987.D

Acq: 30 Aug 2023 04:31

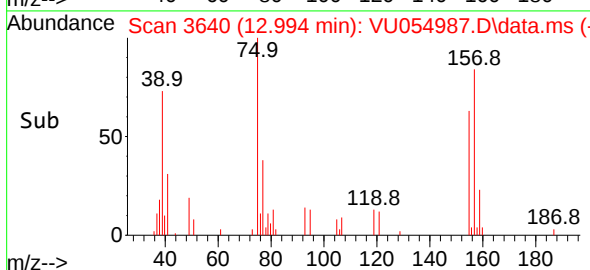
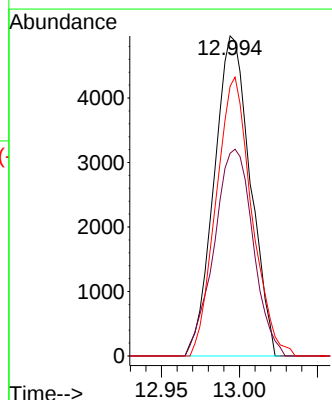
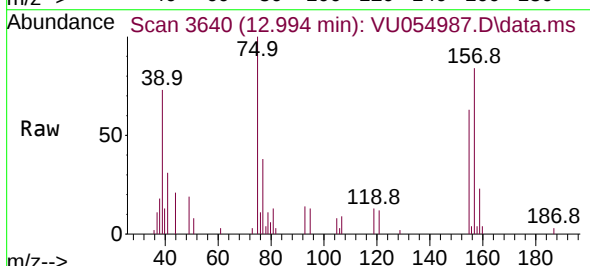
Tgt Ion: 75 Resp: 8015

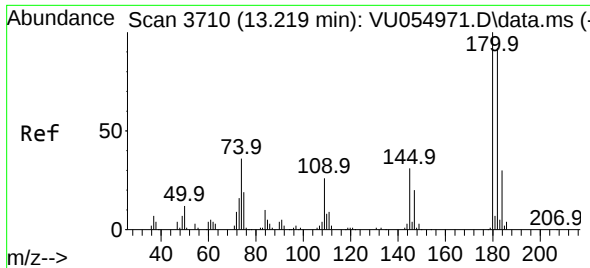
Ion Ratio Lower Upper

75 100

155 63.4 53.3 79.9

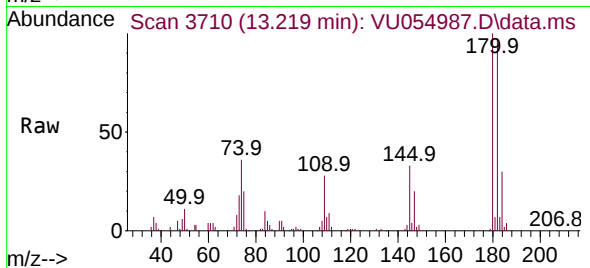
157 84.3 69.5 104.3



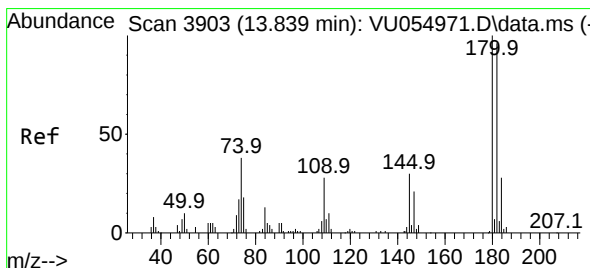
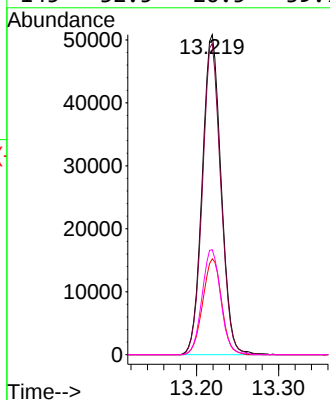
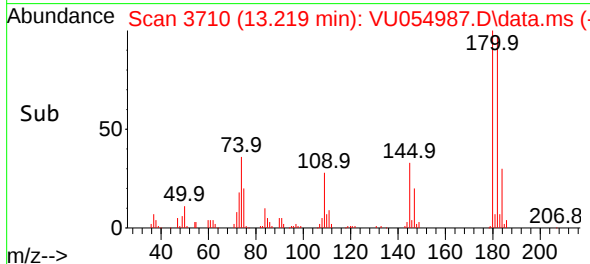


#69
 1,3,5-Trichlorobenzene
 Concen: 5.354 ug/L
 RT: 13.219 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU054987.D
 Acq: 30 Aug 2023 04:31

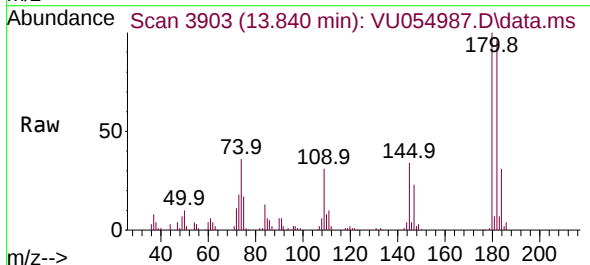
Instrument :
 MSVOA_U
 ClientSampleId :



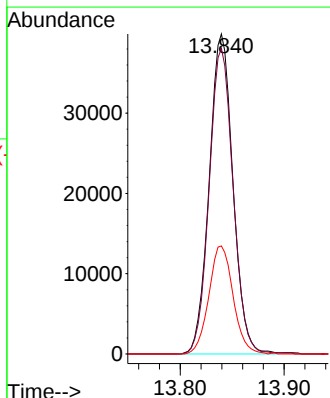
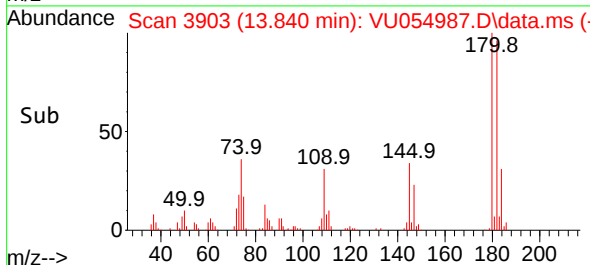
Tgt Ion:180 Resp: 81131
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.6 114.8
 184 30.0 23.6 35.4
 145 32.5 26.5 39.7

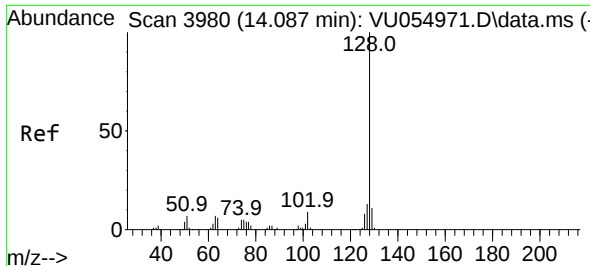


#70
 1,2,4-trichlorobenzene
 Concen: 5.332 ug/L
 RT: 13.840 min Scan# 3903
 Delta R.T. 0.000 min
 Lab File: VU054987.D
 Acq: 30 Aug 2023 04:31



Tgt Ion:180 Resp: 63287
 Ion Ratio Lower Upper
 180 100
 182 96.2 74.9 112.3
 145 34.5 25.8 38.8

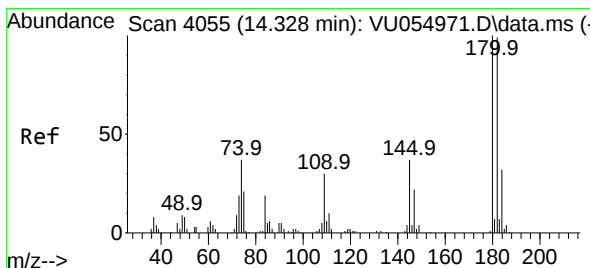
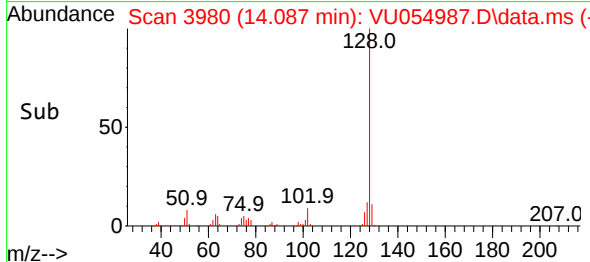
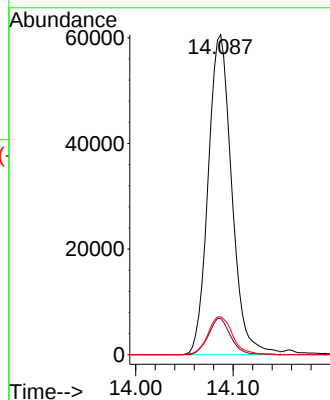
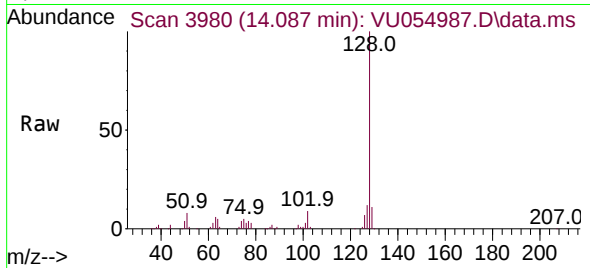




#71
Naphthalene
Concen: 5.709 ug/L
RT: 14.087 min Scan# 3980
Delta R.T. 0.000 min
Lab File: VU054987.D
Acq: 30 Aug 2023 04:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp: 101944		
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.6	12.8
127	12.4	9.3	13.9



#72
1,2,3-Trichlorobenzene
Concen: 5.925 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.000 min
Lab File: VU054987.D
Acq: 30 Aug 2023 04:31

Tgt Ion:180	Resp: 58270
Ion Ratio	Lower Upper
180 100	
182 96.3	77.7 116.5
145 35.4	28.1 42.1

