

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011724\
 Data File : VU057555.D
 Acq On : 17 Jan 2024 21:30
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 01:13:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 18 01:10:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	201766	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	207447	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	100908	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	105144	5.136	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.800%
7) Chloroethane-d5	1.914	69	100695	6.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	126.400%
11) 1,1-Dichloroethene-d2	2.563	65	49821	5.755	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.200%
20) 2-Butanone-d5	4.640	46	210050	54.247	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.500%
24) Chloroform-d	5.055	84	164900	4.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.695	65	79278	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.721	84	300735	3.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.682	67	93415	3.960	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.891	98	265779	4.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.177	79	32530	3.967	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.631	63	125144	42.144	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.280%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	75075	4.712	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	86161	4.252	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	94539	7.102	ug/L	99
3) Chloromethane	1.518	50	106032	6.202	ug/L	97
5) Vinyl chloride	1.602	62	105563	6.935	ug/L	97
6) Bromomethane	1.856	94	44809	5.055	ug/L	95
8) Chloroethane	1.933	64	72006	7.586	ug/L	96
9) Trichlorofluoromethane	2.136	101	155775	7.485	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	98912	7.428	ug/L	99
12) 1,1-Dichloroethene	2.576	96	85755	7.274	ug/L	93
13) Acetone	2.669	43	153981	66.151	ug/L	96
14) Carbon disulfide	2.788	76	244607	7.426	ug/L	99
15) Methyl Acetate	2.959	43	35606	6.766	ug/L	98
16) Methylene chloride	3.042	84	105328	6.608	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	200924	6.871	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	85010	7.266	ug/L	98
19) 1,1-Dichloroethane	3.862	63	167730	6.353	ug/L	99
21) 2-Butanone	4.721	43	193660	58.814	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	76580	5.622	ug/L	97
23) Bromochloromethane	4.968	128	33141	5.667	ug/L	99
25) Chloroform	5.081	83	144244	5.268	ug/L	95

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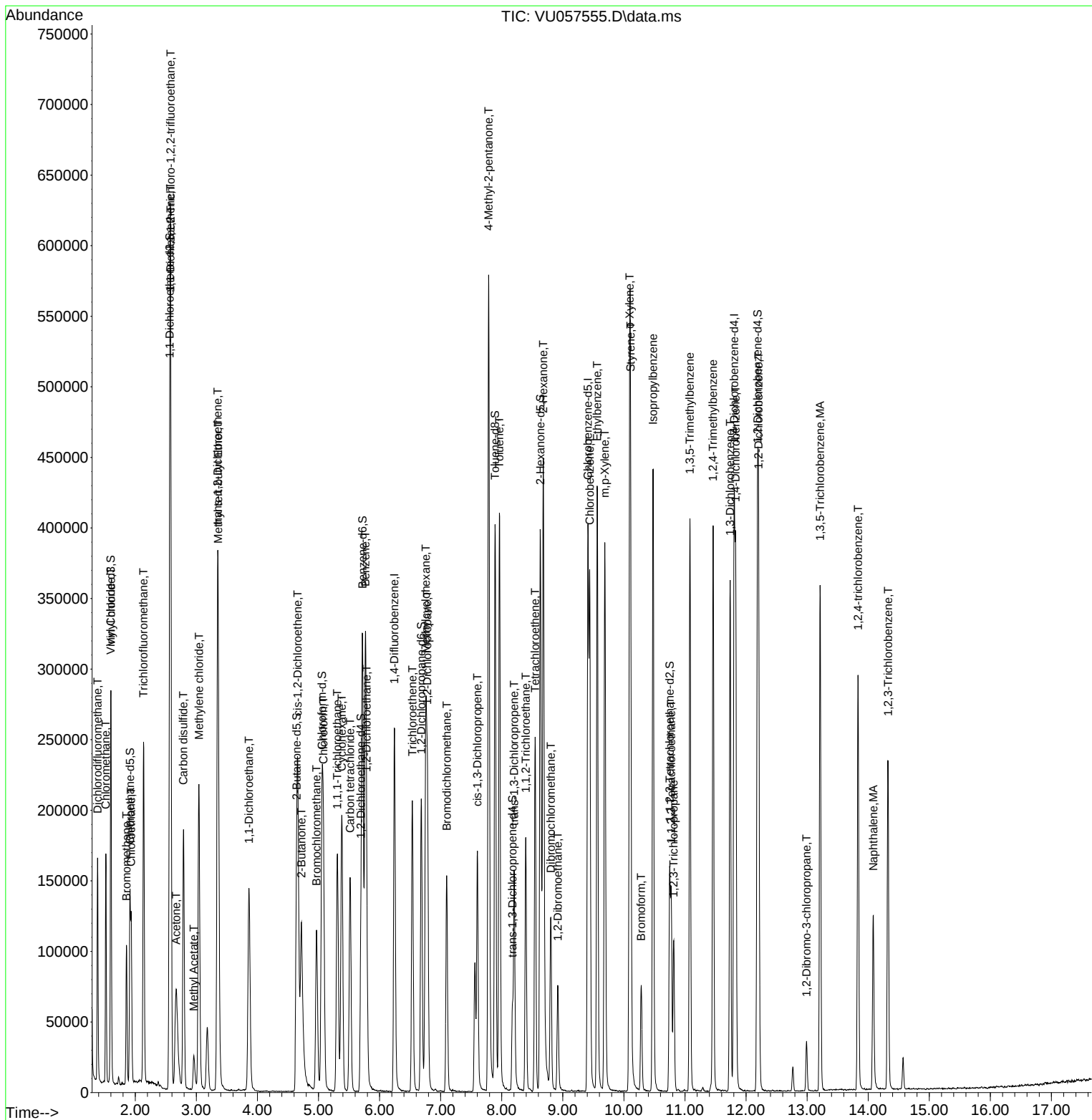
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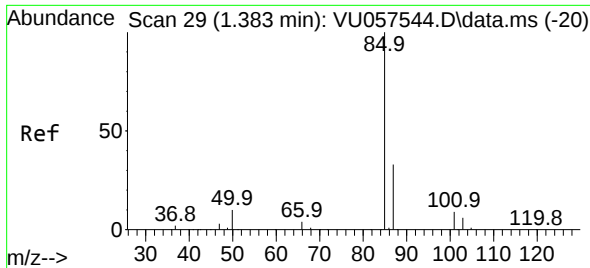
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 18 01:10:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	84563	5.129	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	119769	4.680	ug/L	99
30) Cyclohexane	5.380	56	85554	4.110	ug/L	96
31) Carbon tetrachloride	5.518	117	100159	4.739	ug/L	99
33) Benzene	5.769	78	277621	4.555	ug/L	100
34) Trichloroethene	6.537	95	73469	4.589	ug/L	97
35) Methylcyclohexane	6.759	83	87758	4.123	ug/L	99
37) 1,2-Dichloropropane	6.782	63	80676	4.667	ug/L	100
38) Bromodichloromethane	7.100	83	99254	4.769	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	96636	4.229	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	385484	44.921	ug/L	100
42) Toluene	7.962	91	297776	4.957	ug/L	95
44) trans-1,3-Dichloropropene	8.203	75	84298	4.532	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	52358	4.696	ug/L	99
47) Tetrachloroethene	8.547	164	49588	4.664	ug/L	95
48) 2-Hexanone	8.682	43	293324	46.806	ug/L	99
49) Dibromochloromethane	8.804	129	59107	4.941	ug/L	100
50) 1,2-Dibromoethane	8.917	107	46313	5.042	ug/L	96
51) Chlorobenzene	9.441	112	180411	4.763	ug/L	96
52) Ethylbenzene	9.563	91	289816	4.691	ug/L	96
53) m,p-Xylene	9.688	106	104763	4.707	ug/L	97
54) o-Xylene	10.094	106	104240	4.881	ug/L	94
55) Styrene	10.110	104	172518	4.906	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	66141	4.894	ug/L	99
59) Bromoform	10.283	173	32658	4.973	ug/L	100
60) Isopropylbenzene	10.476	105	275574	4.695	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	44296	4.691	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	209652	4.531	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	211164	4.558	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	135566	4.745	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	133124	4.694	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	127338	4.812	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	9015	4.978	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	101643	5.308	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	84006	6.478	ug/L	97
71) Naphthalene	14.084	128	102342	5.644	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	68764	6.475	ug/L	98

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

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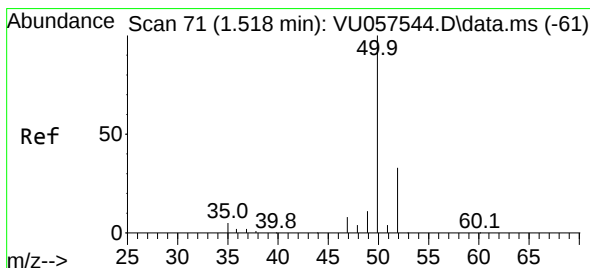
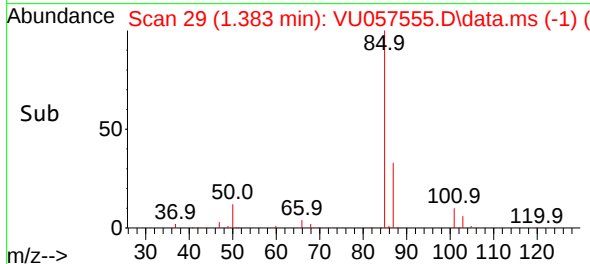
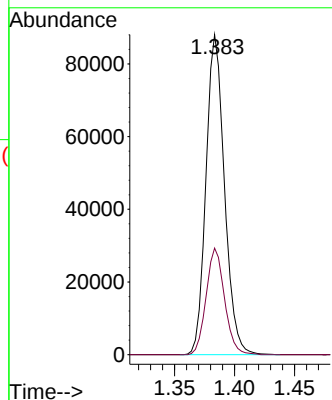
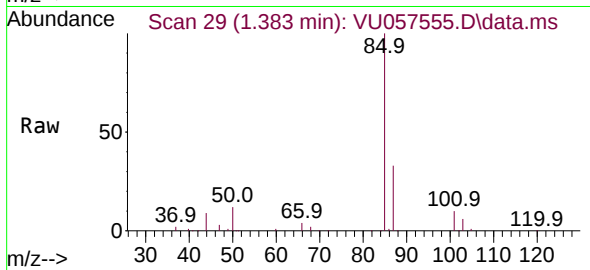




#2
 Dichlorodifluoromethane
 Concen: 7.102 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU057555.D
 Acq: 17 Jan 2024 21:30

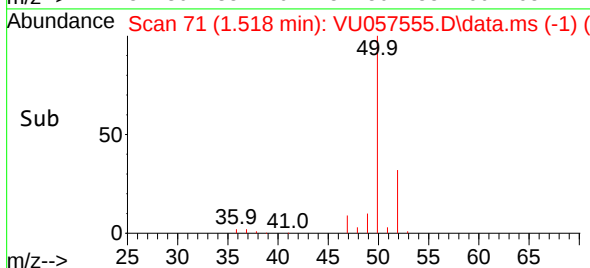
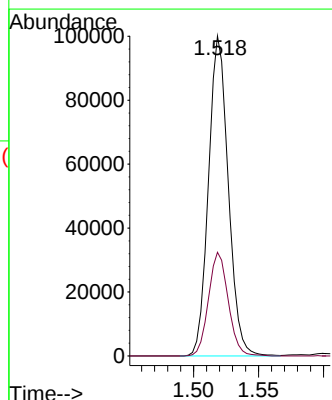
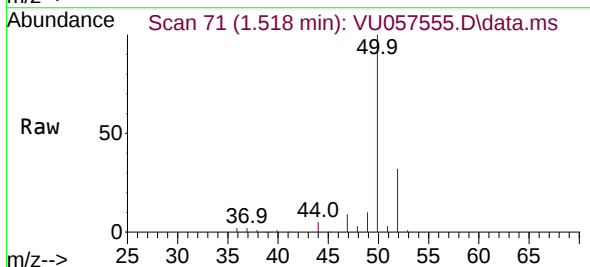
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 MSVOA_U
 ClientSampleId :

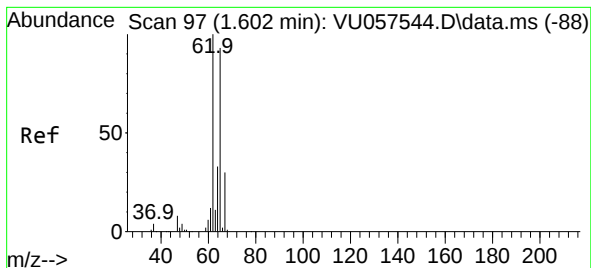
Tgt Ion: 85 Resp: 94539
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.2 39.4



#3
 Chloromethane
 Concen: 6.202 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU057555.D
 Acq: 17 Jan 2024 21:30

Tgt Ion: 50 Resp: 106032
 Ion Ratio Lower Upper
 50 100
 52 32.4 24.1 44.7





#5

Vinyl chloride

Concen: 6.935 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU057555.D

Acq: 17 Jan 2024 21:30

Instrument :

MSVOA_U

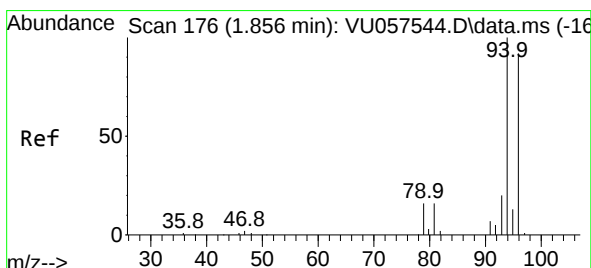
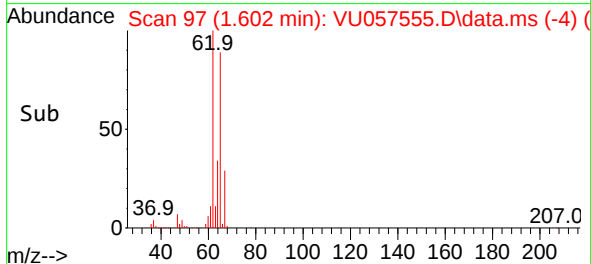
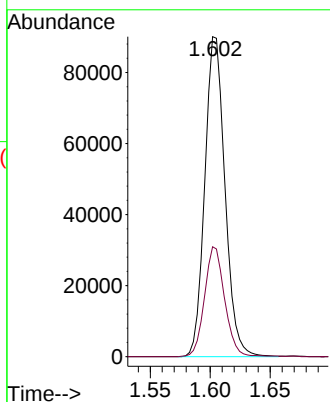
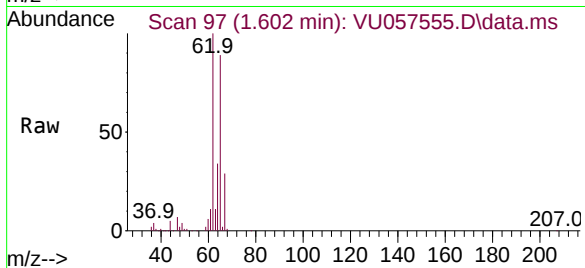
ClientSampleId :

Tgt Ion: 62 Resp: 105563

Ion Ratio Lower Upper

62 100

64 34.4 22.9 42.5



#6

Bromomethane

Concen: 5.055 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU057555.D

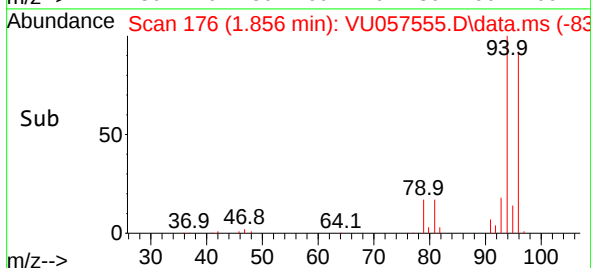
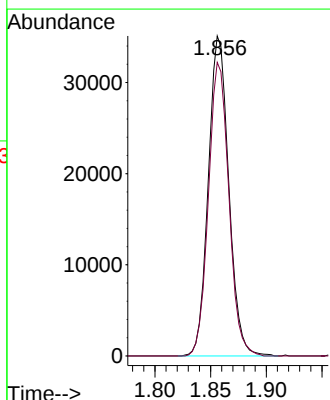
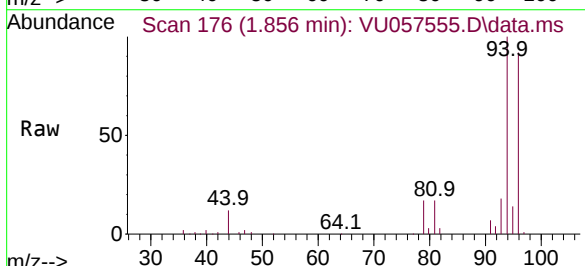
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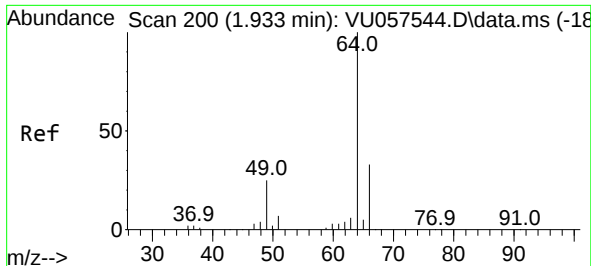
Tgt Ion: 94 Resp: 44809

Ion Ratio Lower Upper

94 100

96 91.8 68.0 126.2





#8

Chloroethane

Concen: 7.586 ug/L

RT: 1.933 min Scan# 200

Delta R.T. 0.000 min

Lab File: VU057555.D

Acq: 17 Jan 2024 21:30

Instrument :

MSVOA_U

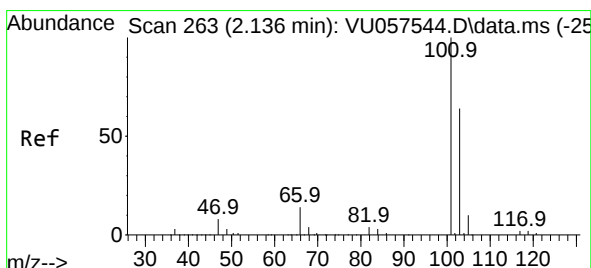
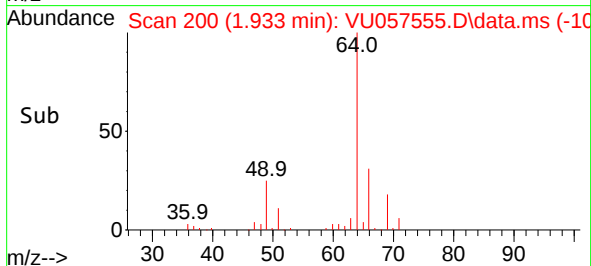
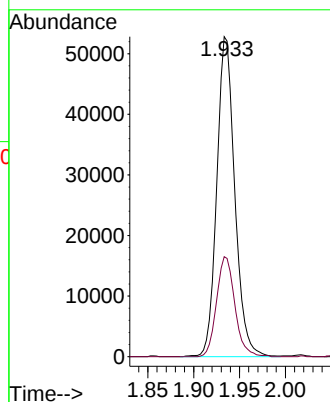
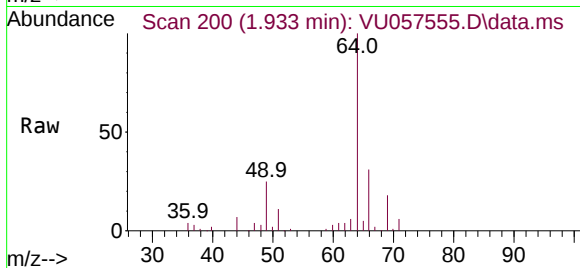
ClientSampleId :

Tgt Ion: 64 Resp: 72006

Ion Ratio Lower Upper

64 100

66 31.2 23.3 43.3



#9

Trichlorofluoromethane

Concen: 7.485 ug/L

RT: 2.136 min Scan# 263

Delta R.T. 0.000 min

Lab File: VU057555.D

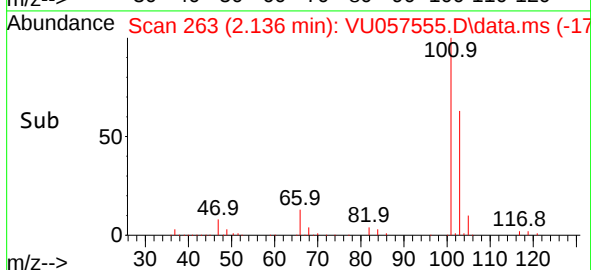
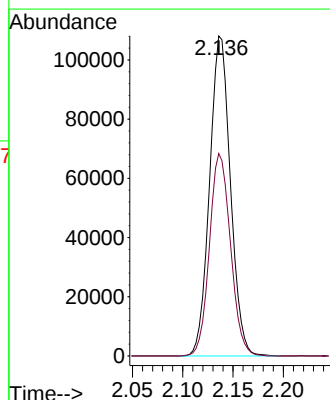
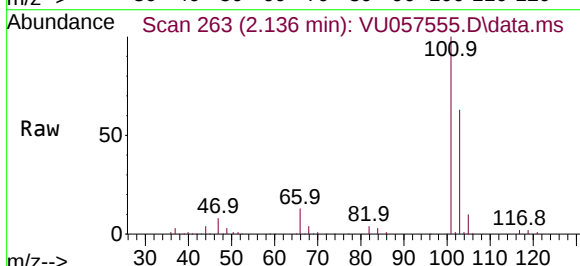
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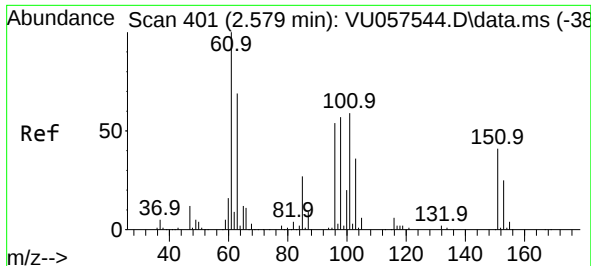
Tgt Ion:101 Resp: 155775

Ion Ratio Lower Upper

101 100

103 63.8 51.2 76.8

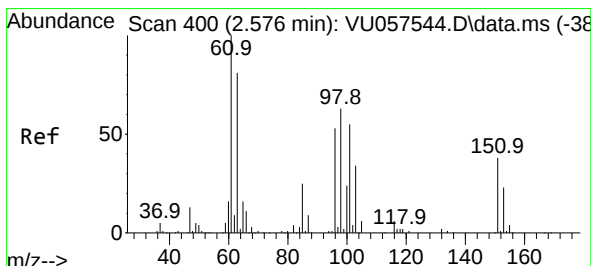
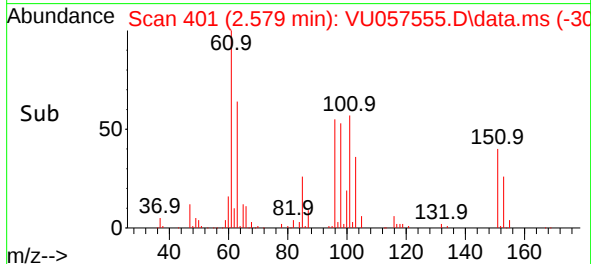
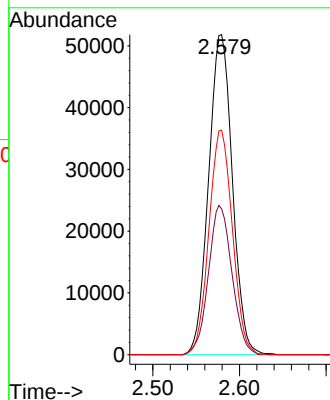
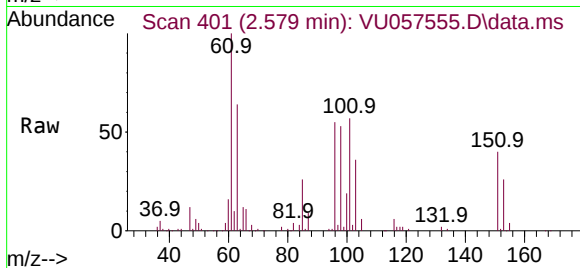




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 7.428 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU057555.D
 Acq: 17 Jan 2024 21:30

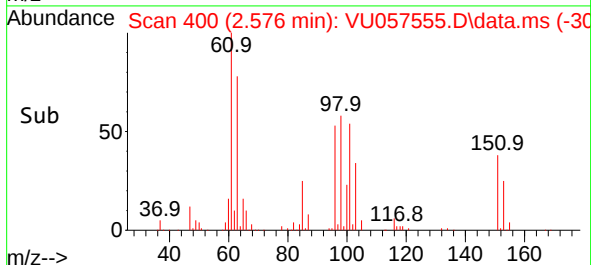
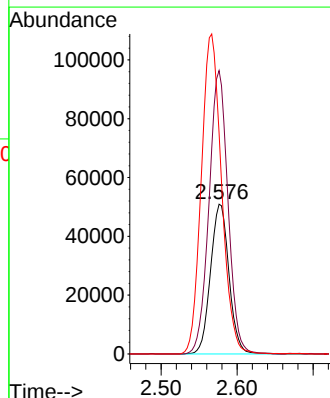
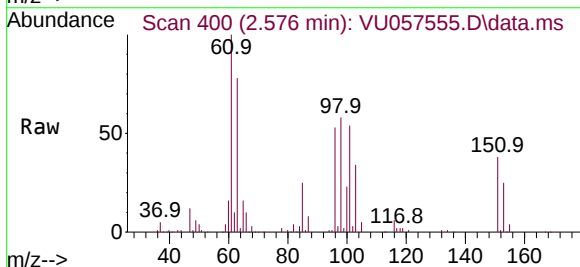
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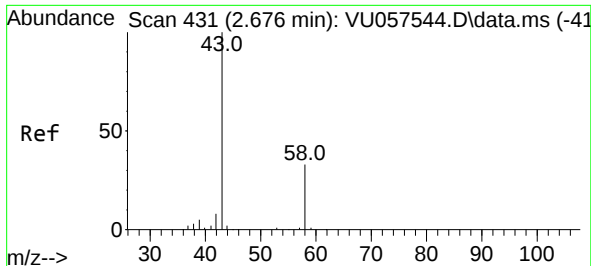
Tgt Ion:101 Resp: 98912
 Ion Ratio Lower Upper
 101 100
 85 46.2 35.1 52.7
 151 69.3 55.4 83.0



#12
 1,1-Dichloroethene
 Concen: 7.274 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU057555.D
 Acq: 17 Jan 2024 21:30

Tgt Ion: 96 Resp: 85755
 Ion Ratio Lower Upper
 96 100
 61 189.1 130.9 243.1
 63 147.5 114.8 213.2





#13

Acetone

Concen: 66.151 ug/L

RT: 2.669 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU057555.D

Acq: 17 Jan 2024 21:30

Instrument :

MSVOA_U

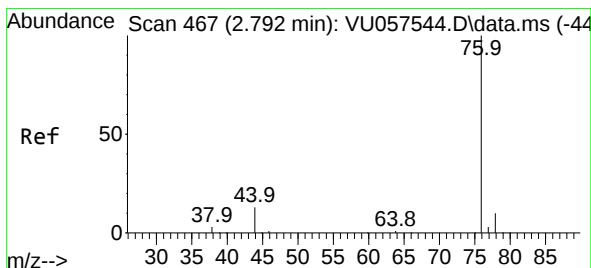
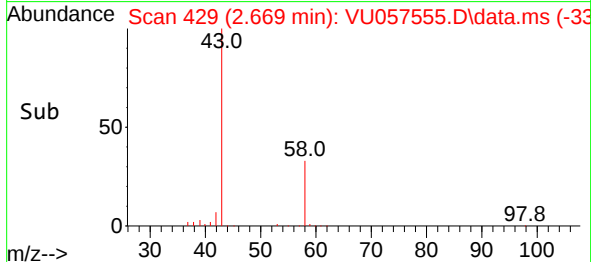
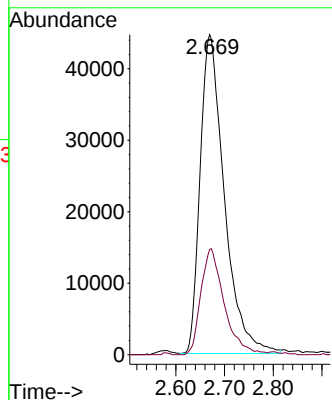
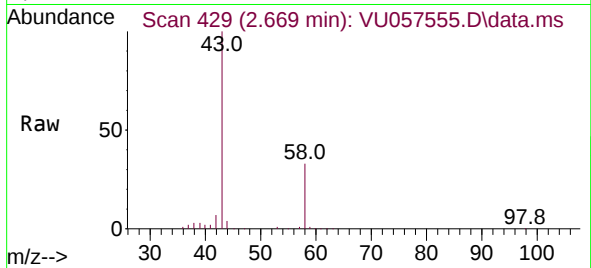
ClientSampleId :

Tgt Ion: 43 Resp: 153981

Ion Ratio Lower Upper

43 100

58 31.6 0.0 67.8



#14

Carbon disulfide

Concen: 7.426 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU057555.D

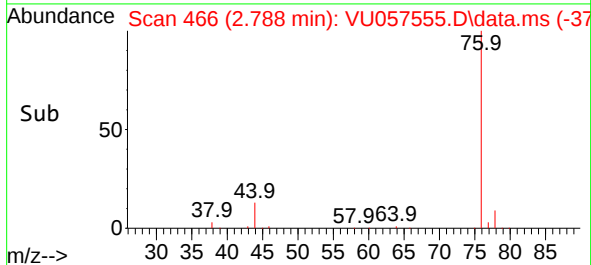
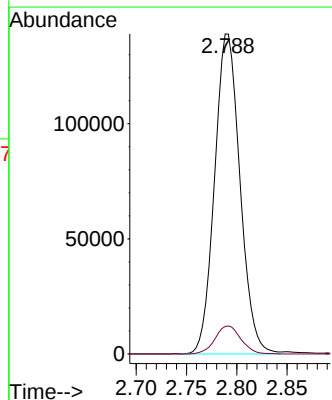
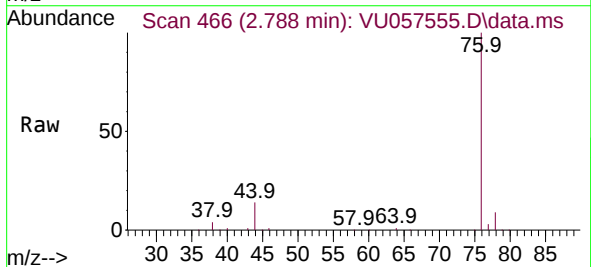
Acq: 17 Jan 2024 21:30

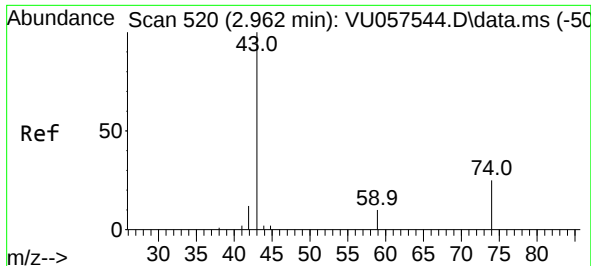
Tgt Ion: 76 Resp: 244607

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9

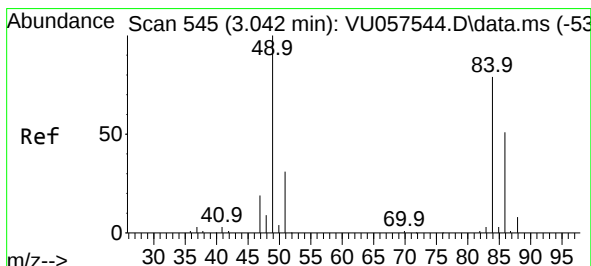
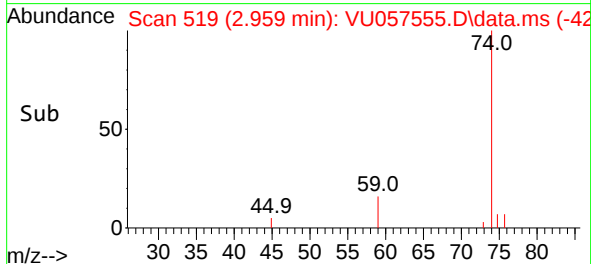
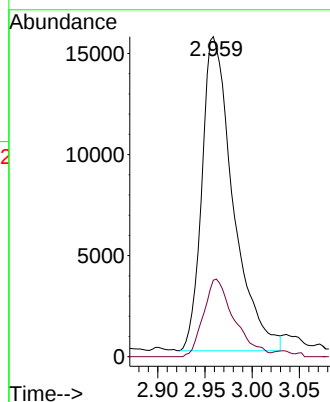
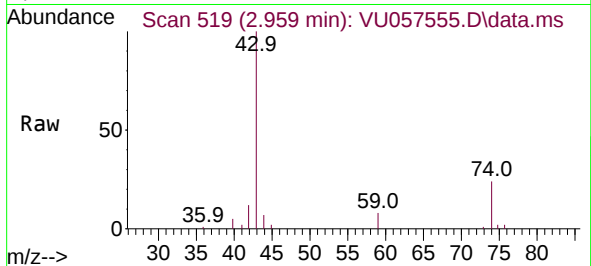




#15
Methyl Acetate
Concen: 6.766 ug/L
RT: 2.959 min Scan# 519
Delta R.T. -0.003 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

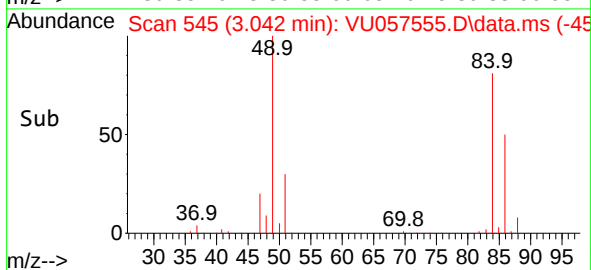
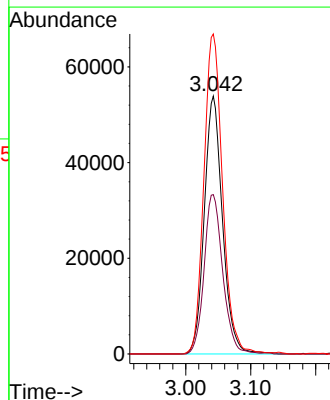
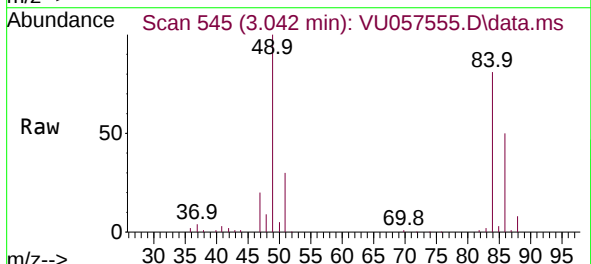
Instrument :
MSVOA_U
ClientSampleId :

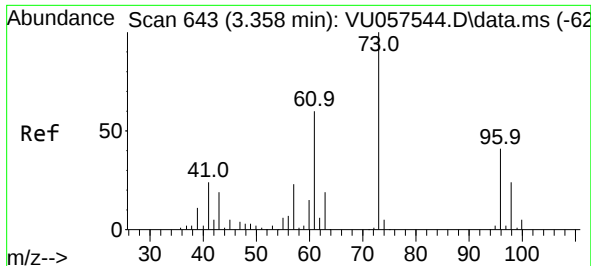
Tgt Ion: 43 Resp: 35606
Ion Ratio Lower Upper
43 100
74 24.4 18.6 27.8



#16
Methylene chloride
Concen: 6.608 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

Tgt Ion: 84 Resp: 105328
Ion Ratio Lower Upper
84 100
86 61.8 45.8 85.2
49 124.1 86.7 161.1

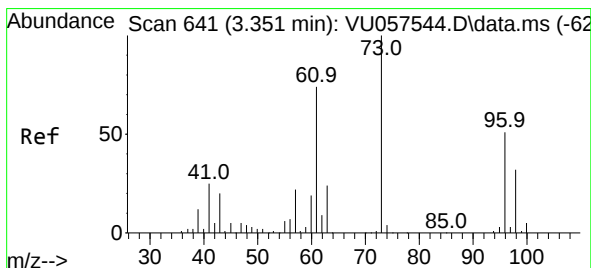
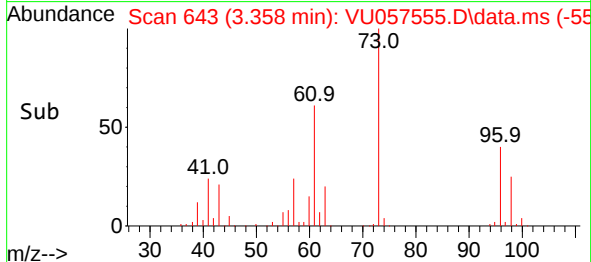
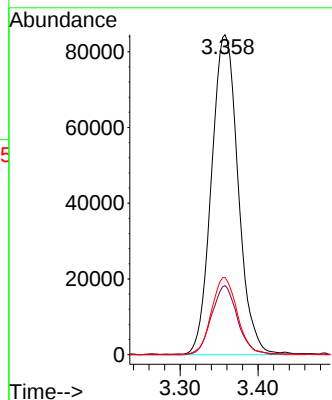
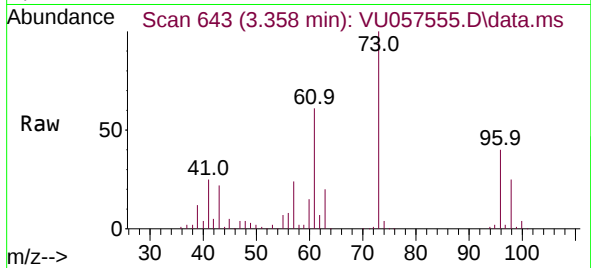




#17
Methyl tert-butyl Ether
Concen: 6.871 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

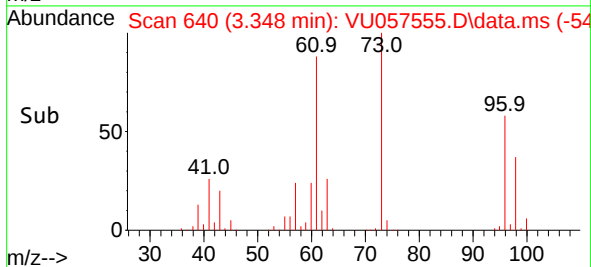
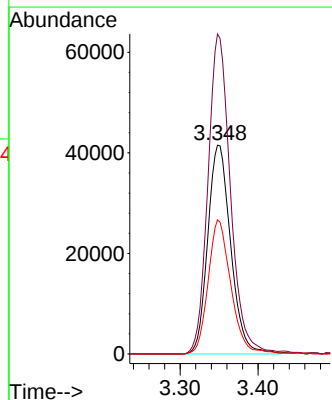
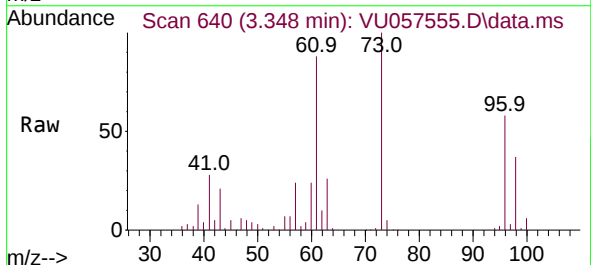
Instrument :
MSVOA_U
ClientSampleId :

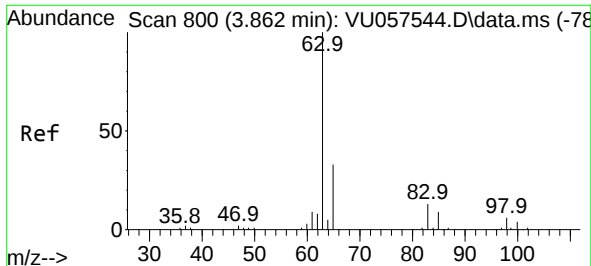
Tgt Ion: 73 Resp: 200924
Ion Ratio Lower Upper
73 100
43 20.5 16.1 24.1
57 23.4 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 7.266 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

Tgt Ion: 96 Resp: 85010
Ion Ratio Lower Upper
96 100
61 153.2 105.1 195.3
98 64.2 43.7 81.1





#19

1,1-Dichloroethane

Concen: 6.353 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.000 min

Lab File: VU057555.D

Acq: 17 Jan 2024 21:30

Instrument :

MSVOA_U

ClientSampleId :

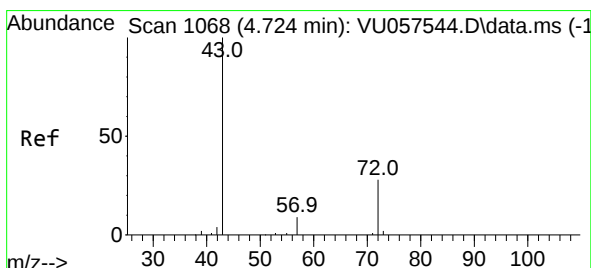
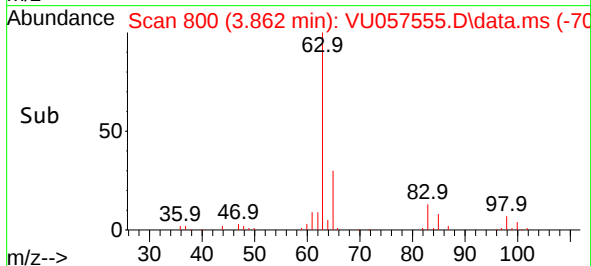
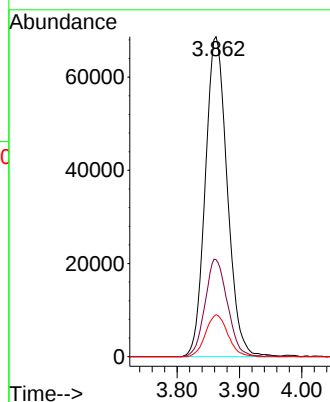
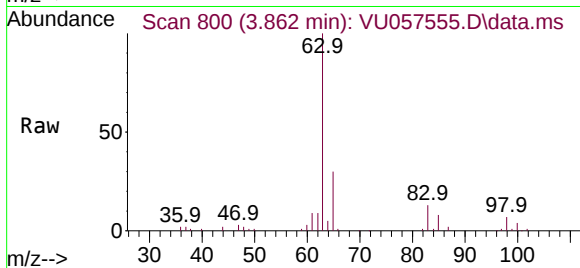
Tgt Ion: 63 Resp: 167730

Ion Ratio Lower Upper

63 100

65 31.0 22.3 41.3

83 13.1 9.1 16.9



#21

2-Butanone

Concen: 58.814 ug/L

RT: 4.721 min Scan# 1067

Delta R.T. -0.003 min

Lab File: VU057555.D

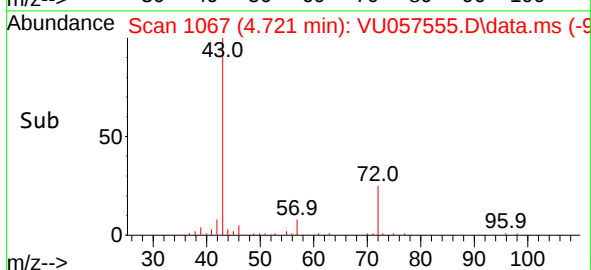
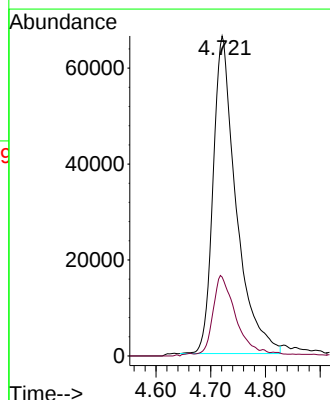
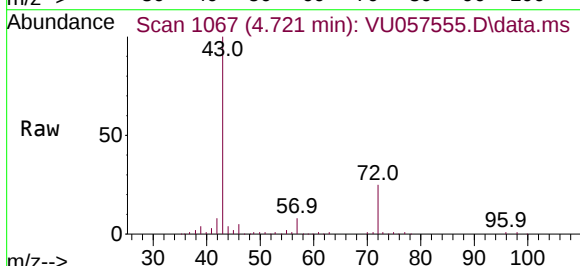
Acq: 17 Jan 2024 21:30

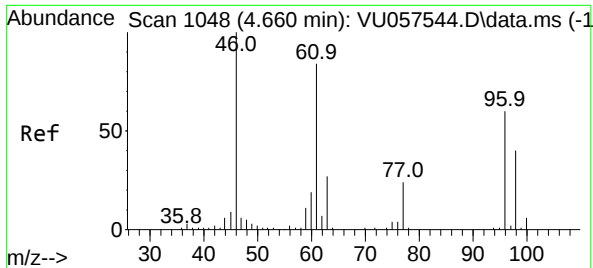
Tgt Ion: 43 Resp: 193660

Ion Ratio Lower Upper

43 100

72 23.5 12.7 38.0

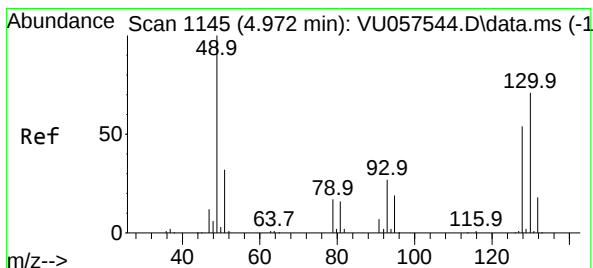
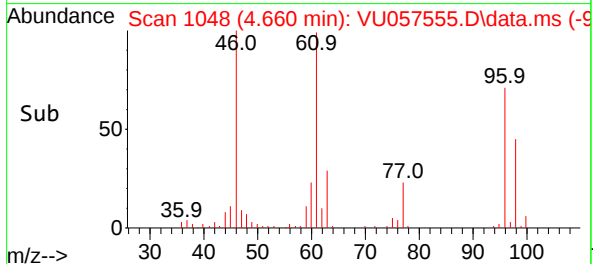
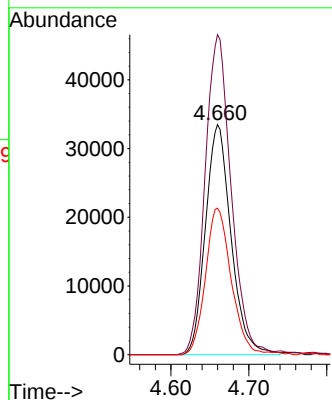
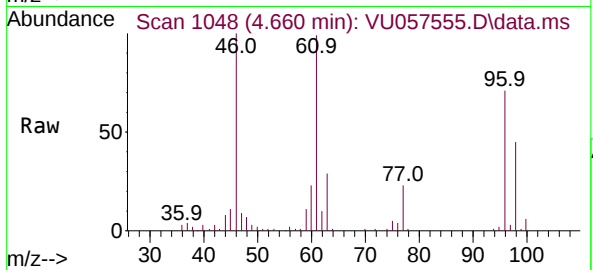




#22
cis-1,2-Dichloroethene
Concen: 5.622 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

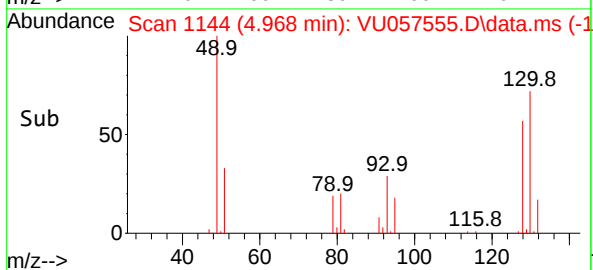
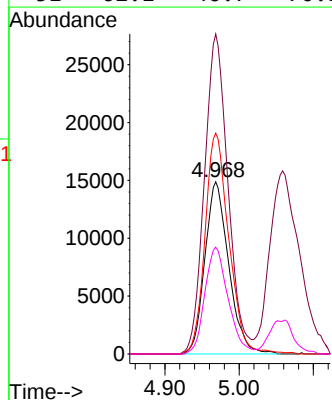
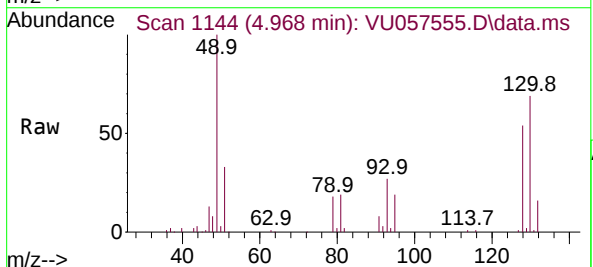
Instrument :
MSVOA_U
ClientSampleId :

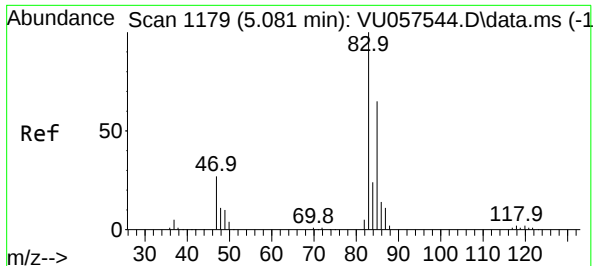
Tgt Ion: 96 Resp: 76580
Ion Ratio Lower Upper
96 100
61 139.1 93.4 173.4
98 63.7 44.9 83.3



#23
Bromochloromethane
Concen: 5.667 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

Tgt Ion: 128 Resp: 33141
Ion Ratio Lower Upper
128 100
49 185.8 130.3 241.9
130 128.2 88.8 165.0
51 62.1 46.7 70.1





#25

Chloroform

Concen: 5.268 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU057555.D

Acq: 17 Jan 2024 21:30

Instrument :

MSVOA_U

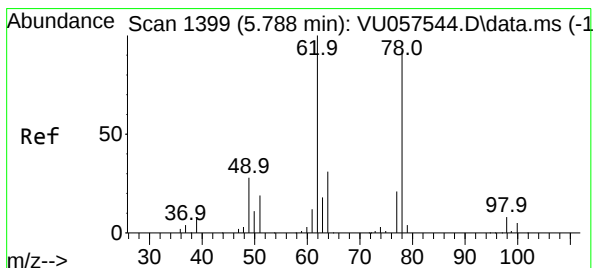
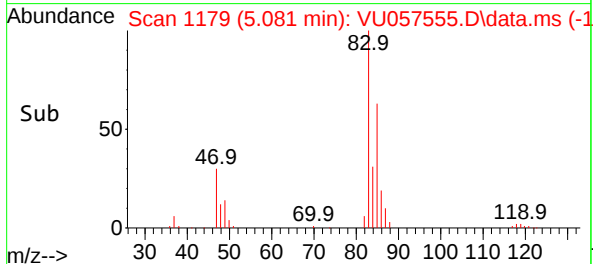
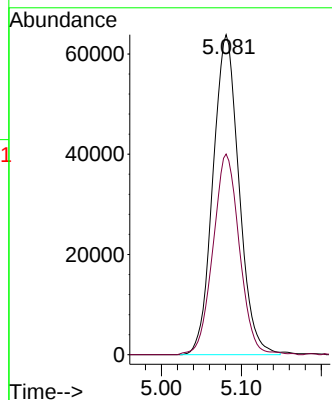
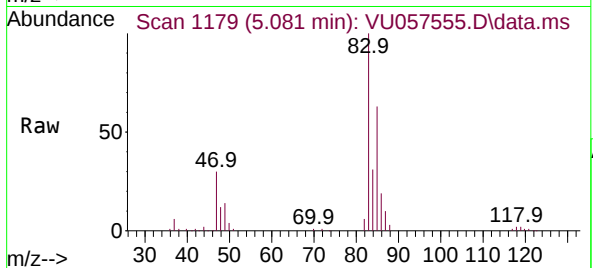
ClientSampleId :

Tgt Ion: 83 Resp: 144244

Ion Ratio Lower Upper

83 100

85 62.7 46.7 86.7



#27

1,2-Dichloroethane

Concen: 5.129 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU057555.D

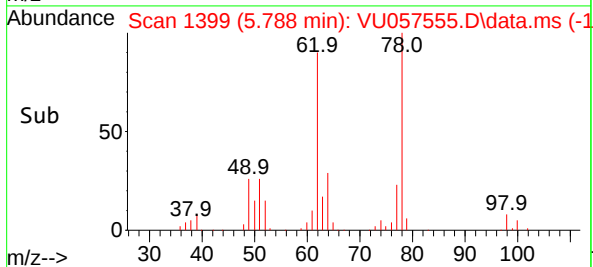
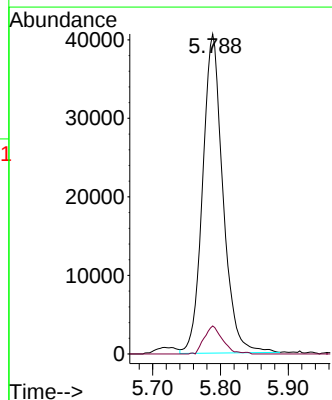
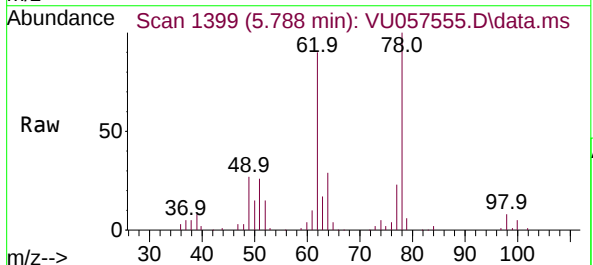
Acq: 17 Jan 2024 21:30

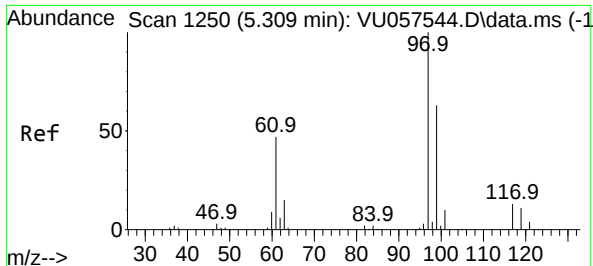
Tgt Ion: 62 Resp: 84563

Ion Ratio Lower Upper

62 100

98 8.8 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 4.680 ug/L

RT: 5.309 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU057555.D

Acq: 17 Jan 2024 21:30

Instrument :

MSVOA_U

ClientSampleId :

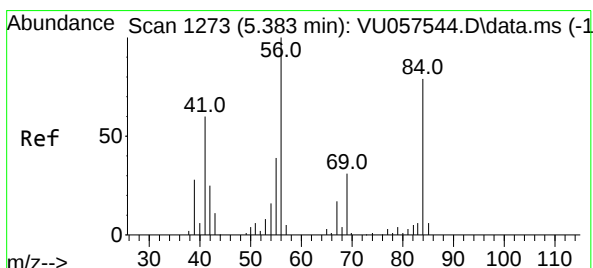
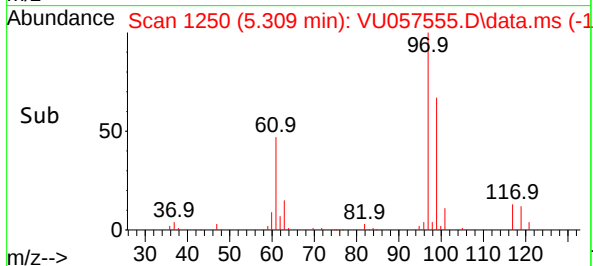
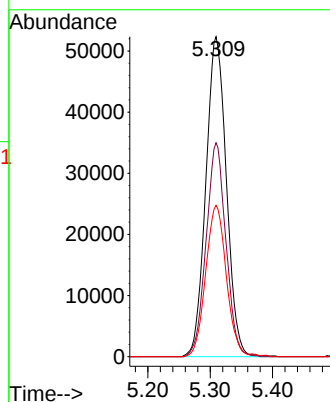
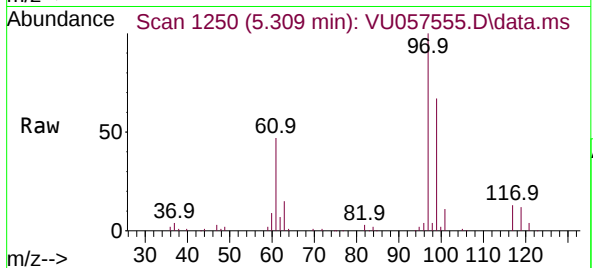
Tgt Ion: 97 Resp: 119769

Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.0

61 47.3 36.9 55.3



#30

Cyclohexane

Concen: 4.110 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VU057555.D

Acq: 17 Jan 2024 21:30

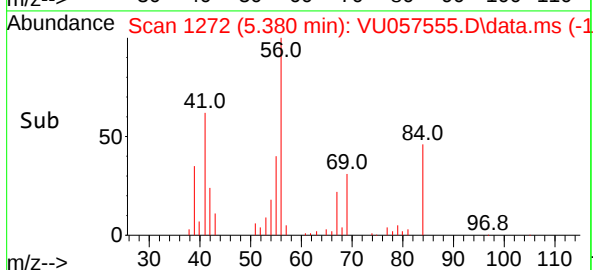
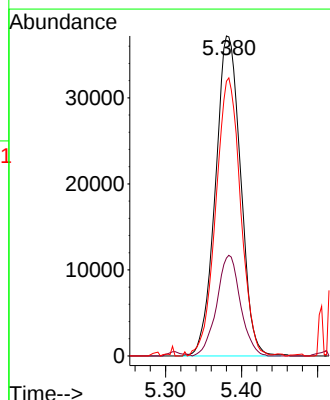
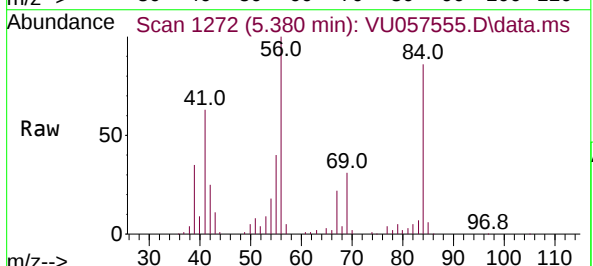
Tgt Ion: 56 Resp: 85554

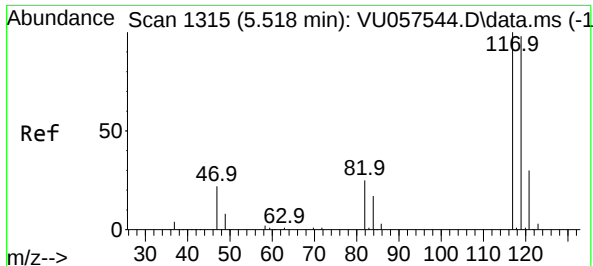
Ion Ratio Lower Upper

56 100

69 29.6 24.1 36.1

84 85.2 64.8 97.2

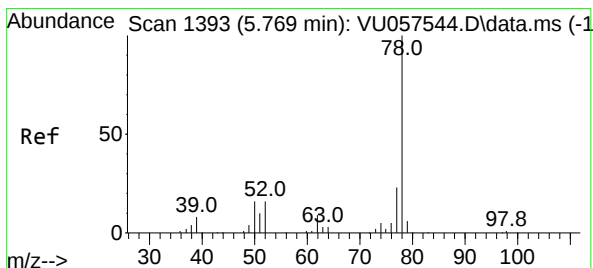
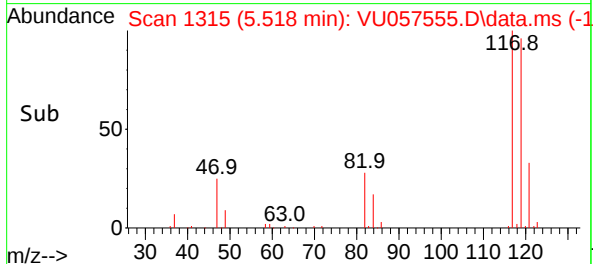
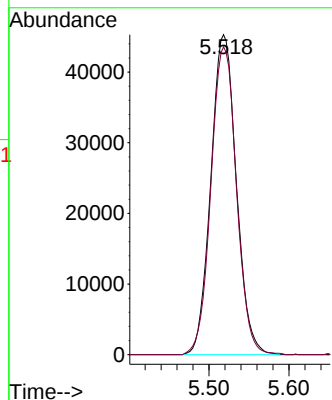
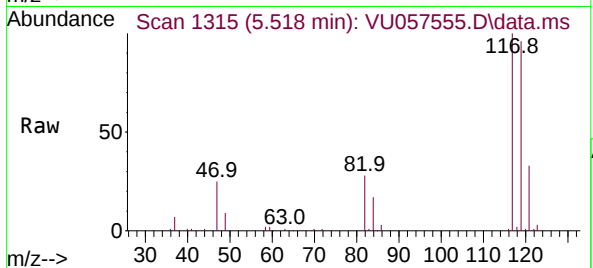




#31
Carbon tetrachloride
Concen: 4.739 ug/L
RT: 5.518 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

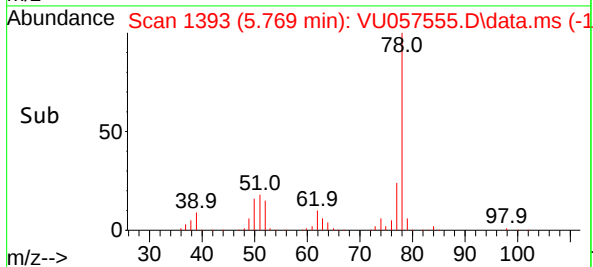
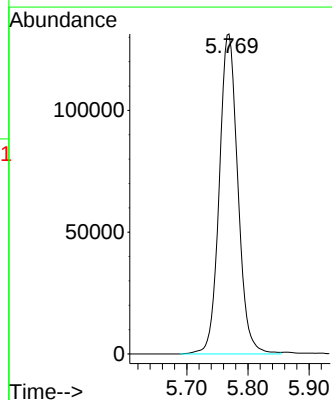
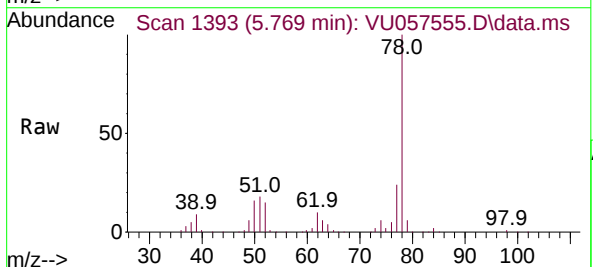
Instrument :
MSVOA_U
ClientSampleId :

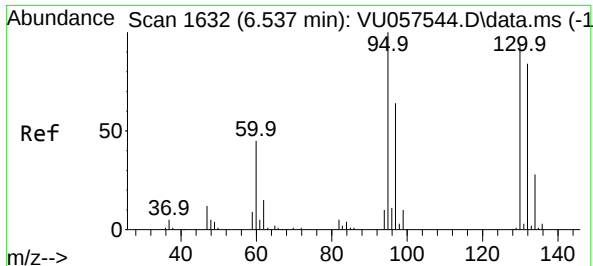
Tgt Ion:117 Resp: 100159
Ion Ratio Lower Upper
117 100
119 96.3 78.0 117.0



#33
Benzene
Concen: 4.555 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

Tgt Ion: 78 Resp: 277621





#34

Trichloroethene

Concen: 4.589 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU057555.D

Acq: 17 Jan 2024 21:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 73469

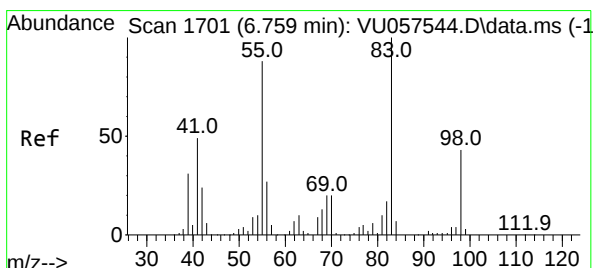
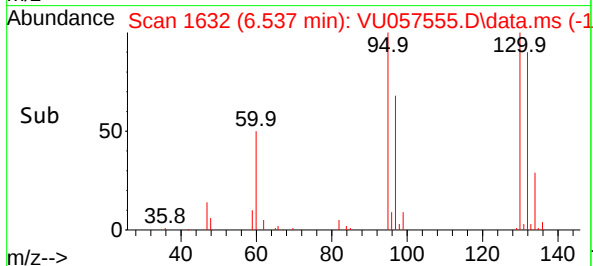
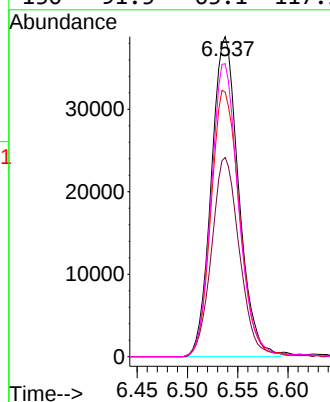
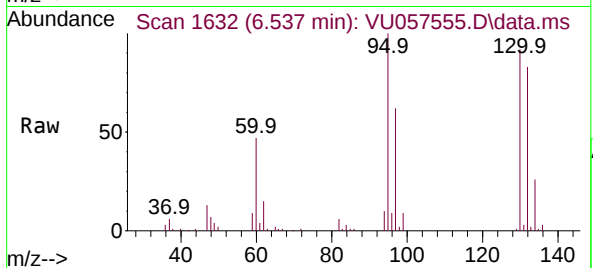
Ion Ratio Lower Upper

95 100

97 62.3 45.0 83.6

132 82.7 61.7 114.5

130 91.5 63.1 117.3



#35

Methylcyclohexane

Concen: 4.123 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU057555.D

Acq: 17 Jan 2024 21:30

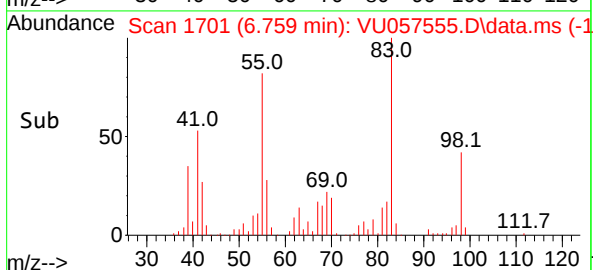
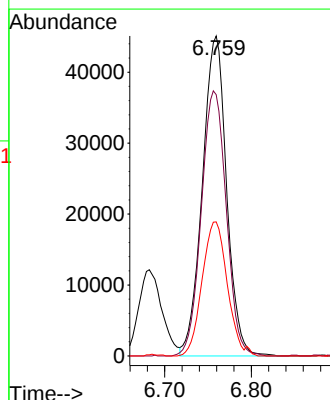
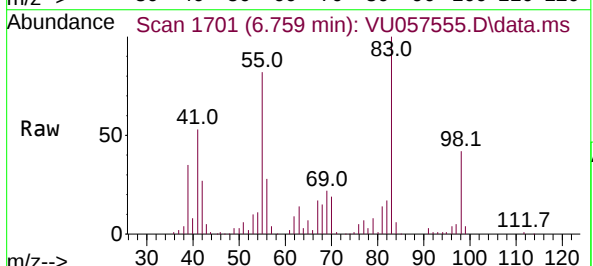
Tgt Ion: 83 Resp: 87758

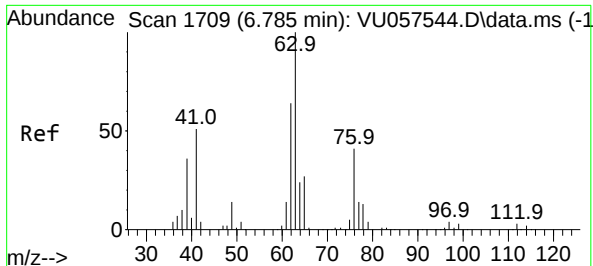
Ion Ratio Lower Upper

83 100

55 85.4 68.7 103.1

98 43.6 36.3 54.5

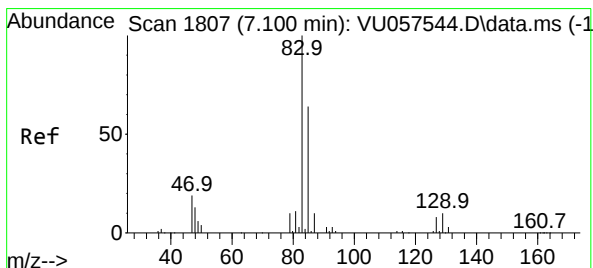
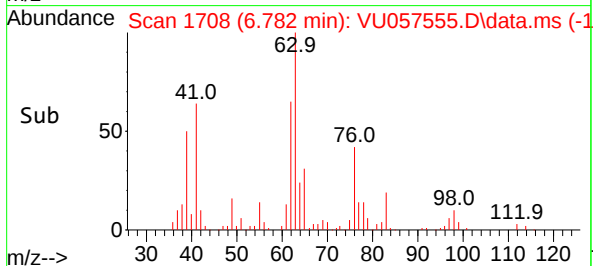
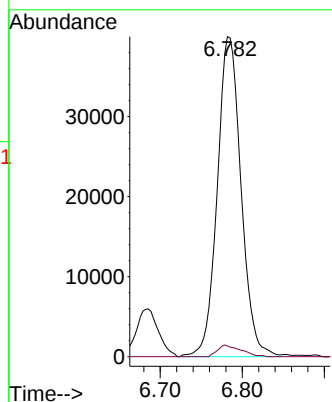
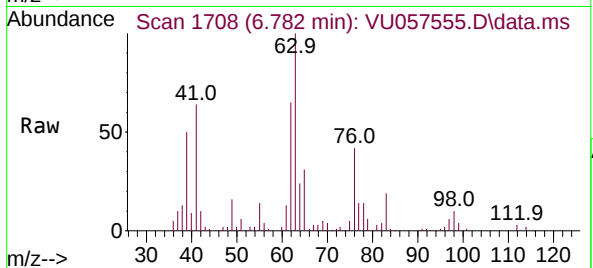




#37
1,2-Dichloropropane
Concen: 4.667 ug/L
RT: 6.782 min Scan# 1709
Delta R.T. -0.003 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

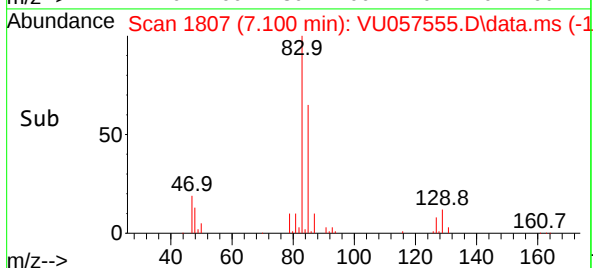
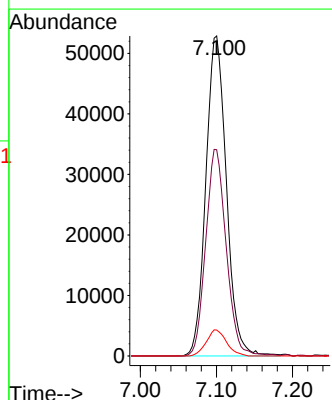
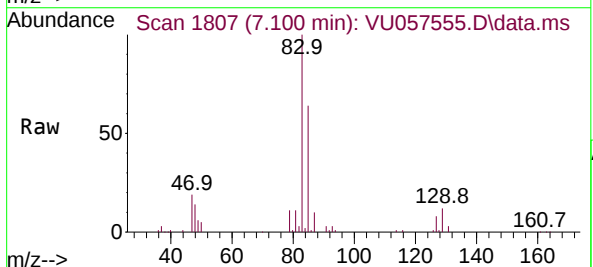
Instrument :
MSVOA_U
ClientSampleId :

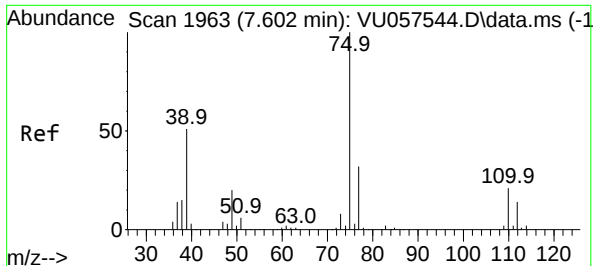
Tgt Ion: 63 Resp: 80676
Ion Ratio Lower Upper
63 100
112 3.6 2.7 4.1



#38
Bromodichloromethane
Concen: 4.769 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

Tgt Ion: 83 Resp: 99254
Ion Ratio Lower Upper
83 100
85 64.4 44.3 82.3
127 8.1 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 4.229 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU057555.D

Acq: 17 Jan 2024 21:30

Instrument :

MSVOA_U

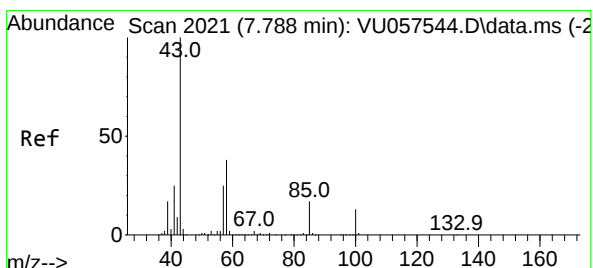
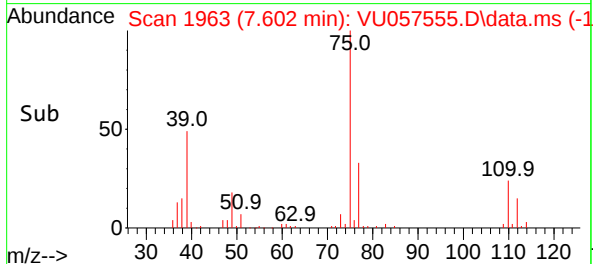
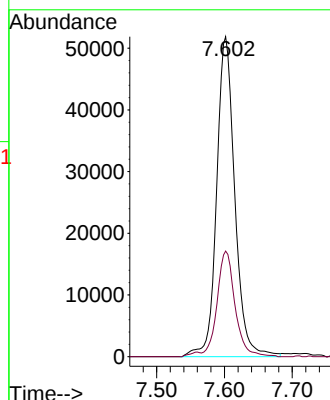
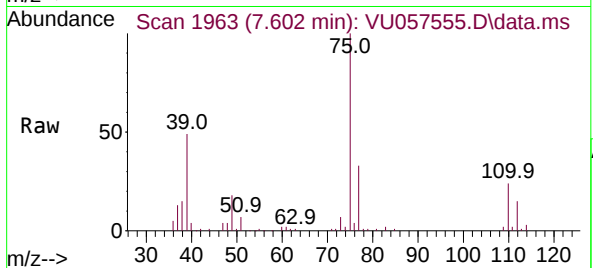
ClientSampleId :

Tgt Ion: 75 Resp: 96636

Ion Ratio Lower Upper

75 100

77 33.0 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 44.921 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU057555.D

Acq: 17 Jan 2024 21:30

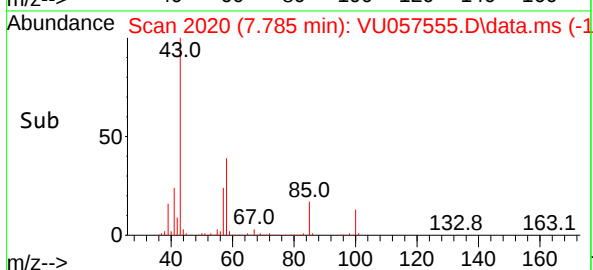
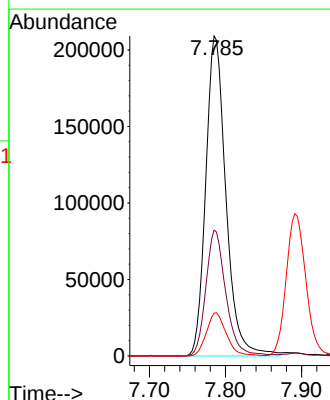
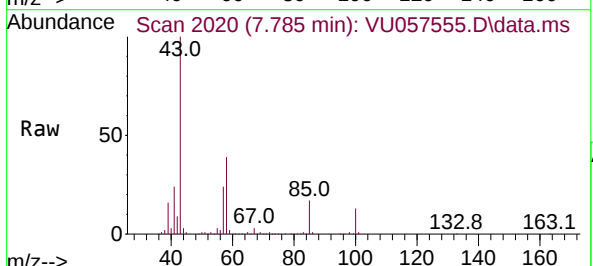
Tgt Ion: 43 Resp: 385484

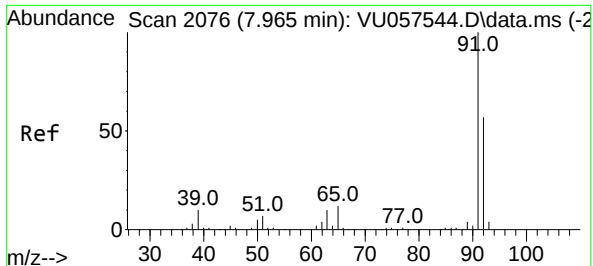
Ion Ratio Lower Upper

43 100

58 39.0 31.4 47.2

100 13.3 10.7 16.1





#42

Toluene

Concen: 4.957 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU057555.D

Acq: 17 Jan 2024 21:30

Instrument :

MSVOA_U

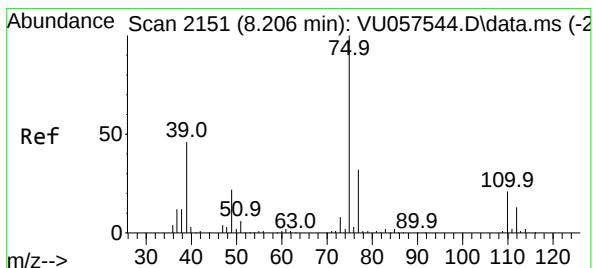
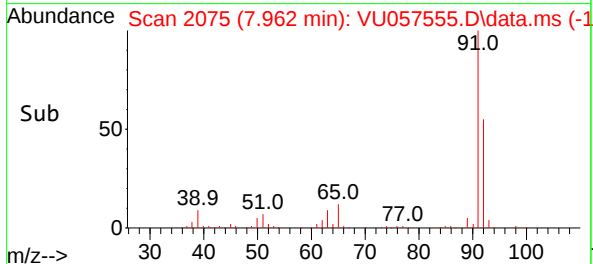
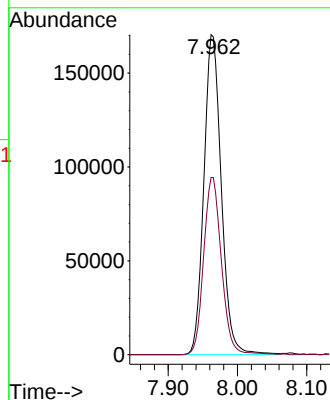
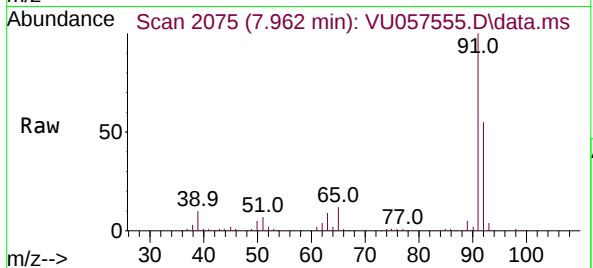
ClientSampleId :

Tgt Ion: 91 Resp: 297776

Ion Ratio Lower Upper

91 100

92 55.4 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.532 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU057555.D

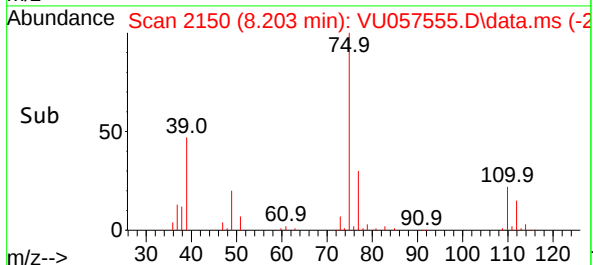
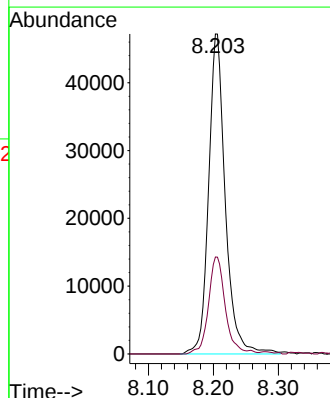
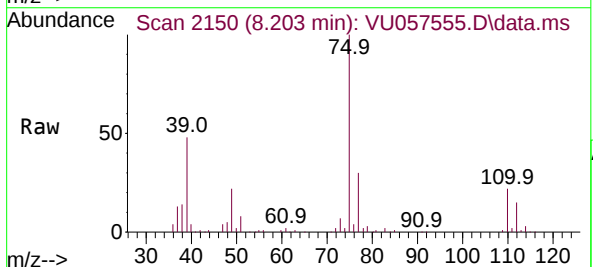
Acq: 17 Jan 2024 21:30

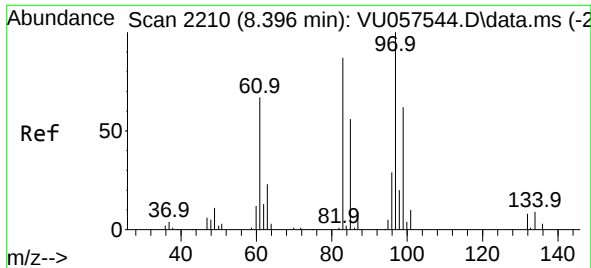
Tgt Ion: 75 Resp: 84298

Ion Ratio Lower Upper

75 100

77 30.3 22.1 41.1



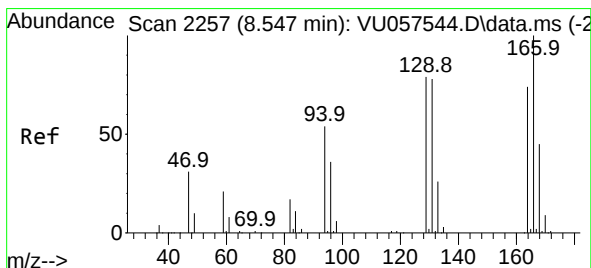
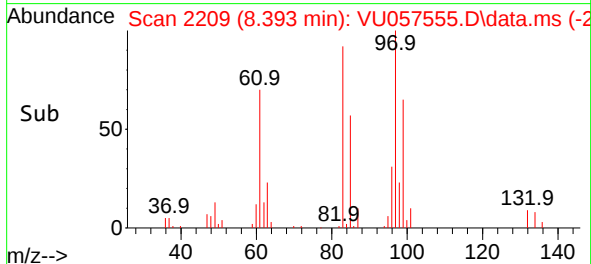
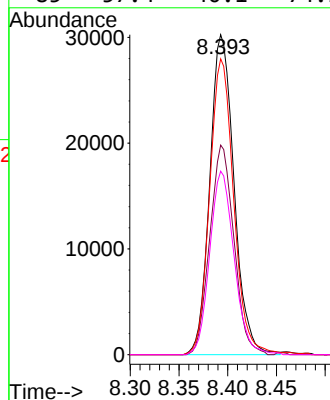
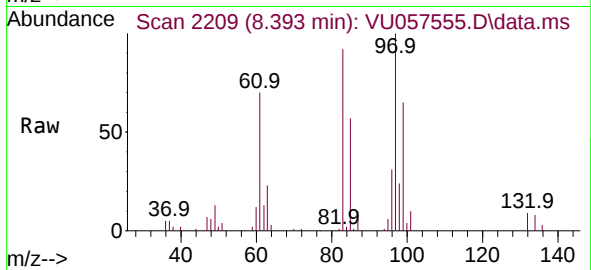


#45
1,1,2-Trichloroethane
Concen: 4.696 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 52358

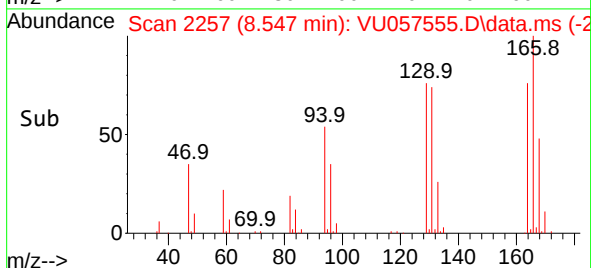
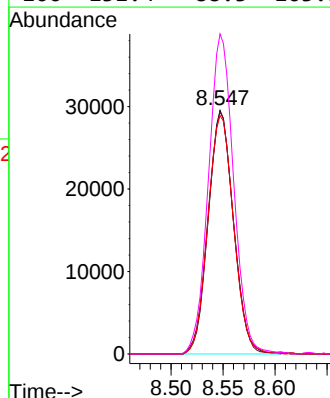
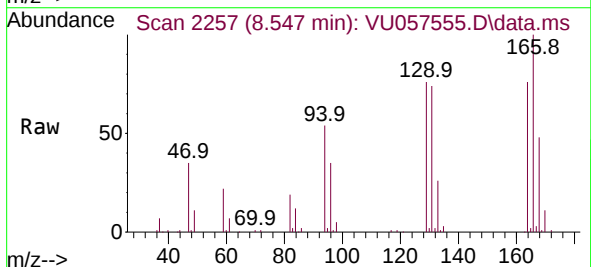
Ion	Ratio	Lower	Upper
97	100		
99	65.5	45.5	84.5
83	92.5	63.8	118.6
85	57.4	40.1	74.5

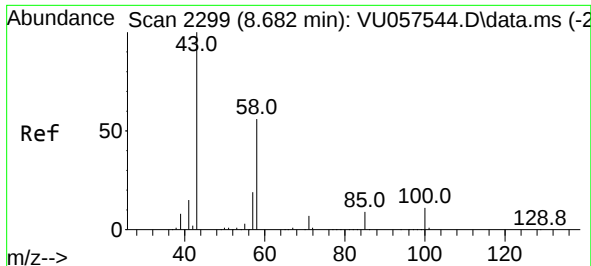


#47
Tetrachloroethene
Concen: 4.664 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

Tgt Ion: 164 Resp: 49588

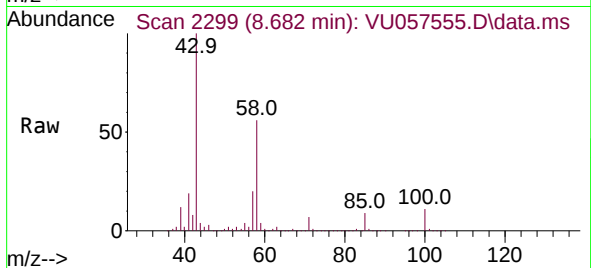
Ion	Ratio	Lower	Upper
164	100		
129	99.4	74.8	138.8
131	97.9	70.3	130.7
166	131.4	88.3	163.9



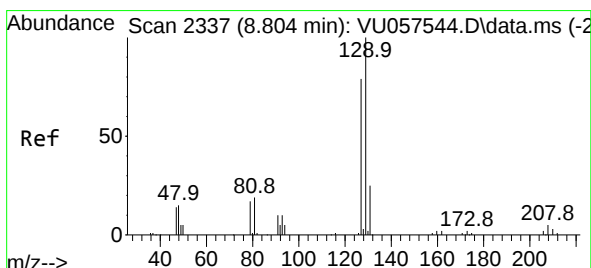
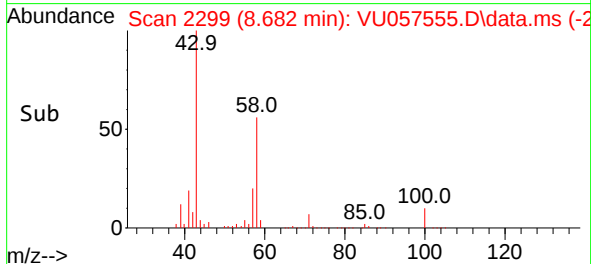
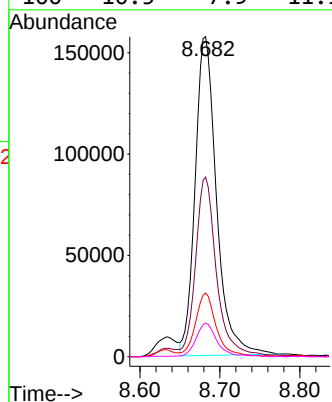


#48
2-Hexanone
Concen: 46.806 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

Instrument :
MSVOA_U
ClientSampleId :

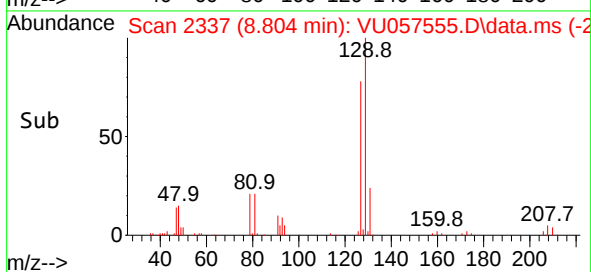
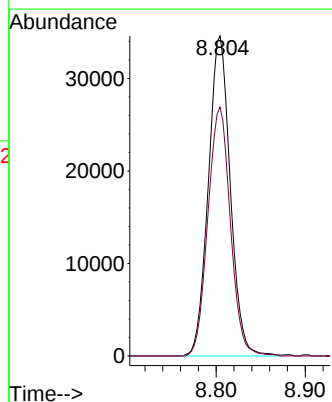
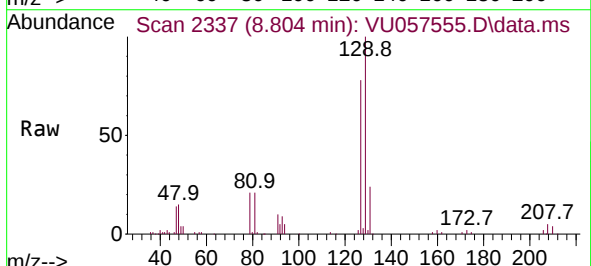


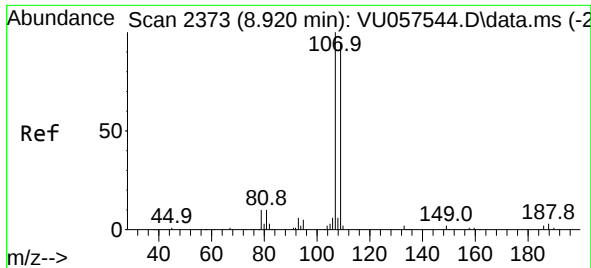
Tgt Ion: 43 Resp: 293324
Ion Ratio Lower Upper
43 100
58 54.9 43.1 64.7
57 19.6 15.5 23.3
100 10.5 7.9 11.9



#49
Dibromochloromethane
Concen: 4.941 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

Tgt Ion: 129 Resp: 59107
Ion Ratio Lower Upper
129 100
127 77.8 54.7 101.7

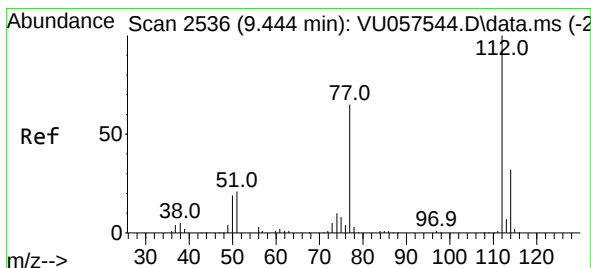
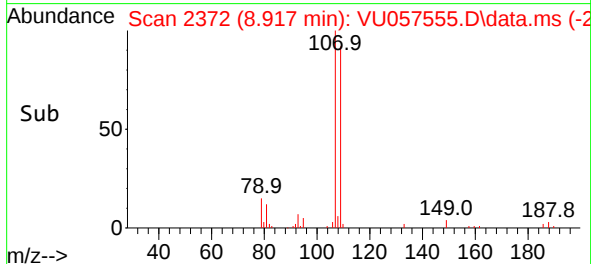
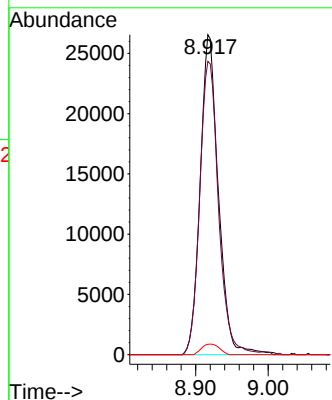
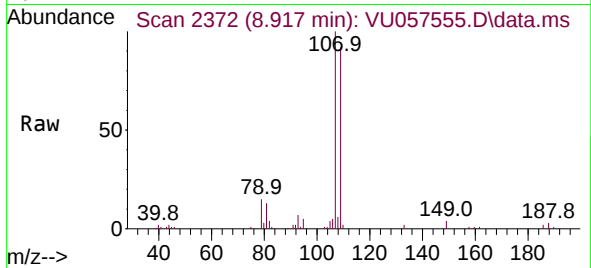




#50
1,2-Dibromoethane
Concen: 5.042 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

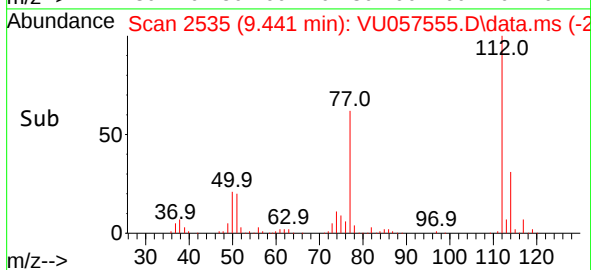
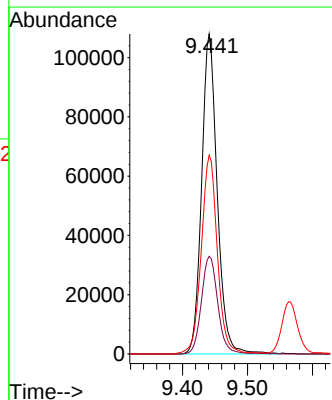
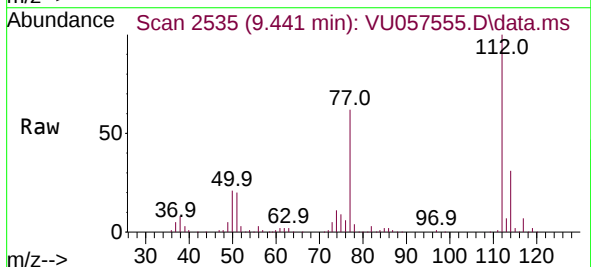
Instrument :
MSVOA_U
ClientSampleId :

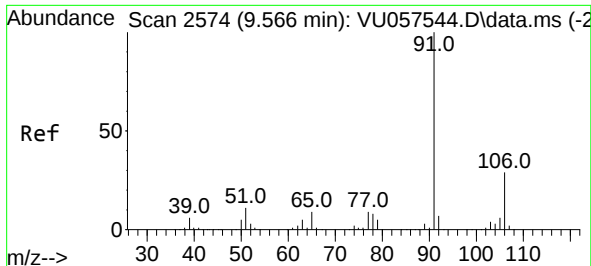
Tgt Ion:107 Resp: 46313
Ion Ratio Lower Upper
107 100
109 91.7 67.1 124.7
188 3.2 3.0 4.4



#51
Chlorobenzene
Concen: 4.763 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

Tgt Ion:112 Resp: 180411
Ion Ratio Lower Upper
112 100
114 30.5 22.0 40.8
77 62.1 53.4 80.0

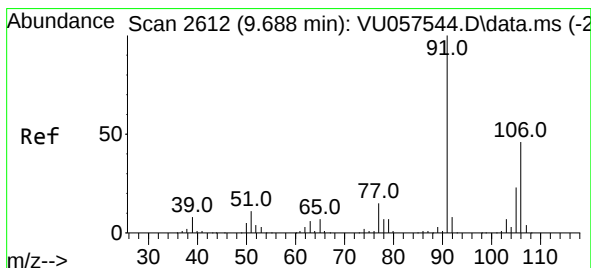
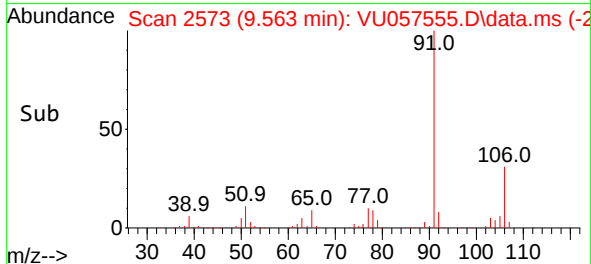
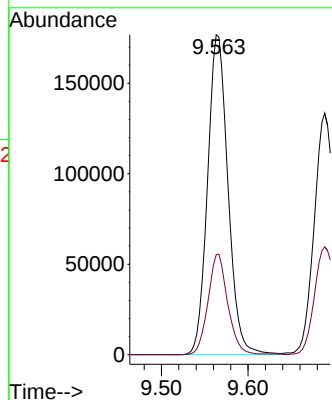
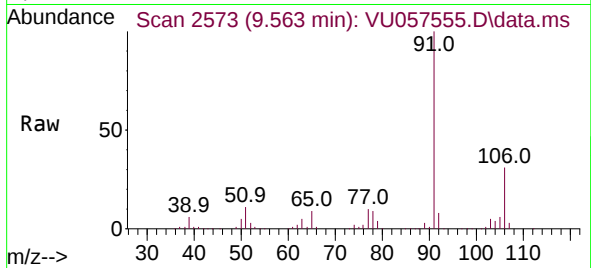




#52
Ethylbenzene
Concen: 4.691 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

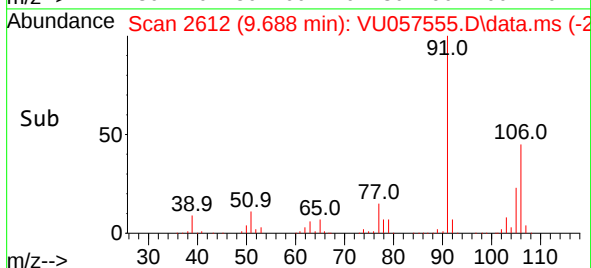
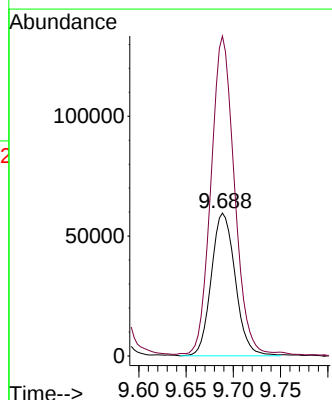
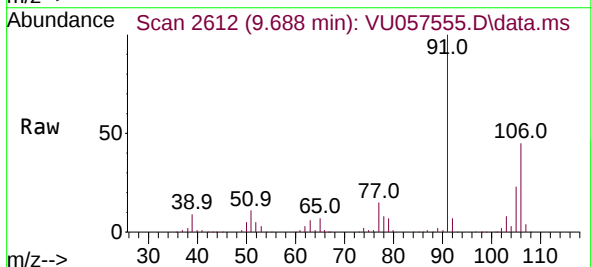
Instrument :
MSVOA_U
ClientSampleId :

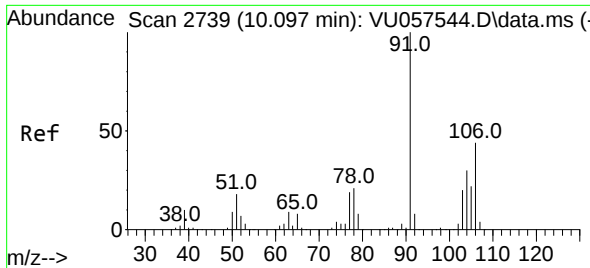
Tgt Ion: 91 Resp: 289816
Ion Ratio Lower Upper
91 100
106 31.3 20.5 38.1



#53
m,p-Xylene
Concen: 4.707 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

Tgt Ion:106 Resp: 104763
Ion Ratio Lower Upper
106 100
91 224.1 153.4 285.0

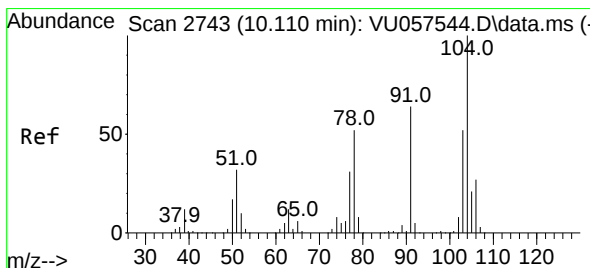
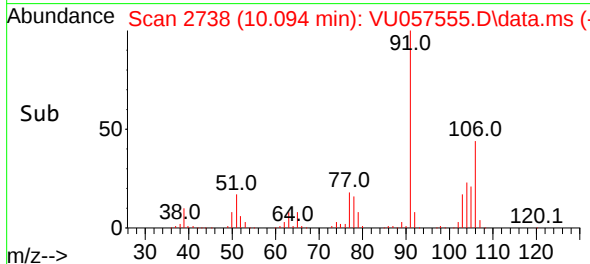
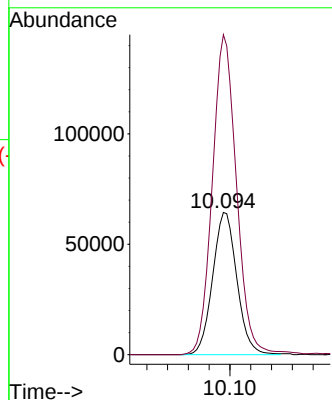
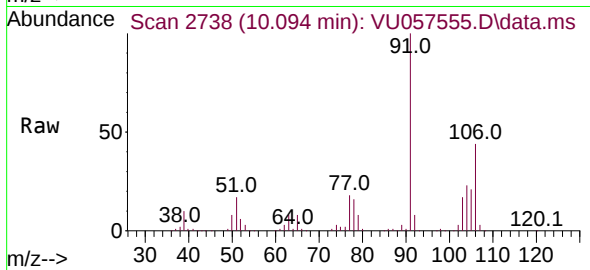




#54
o-Xylene
Concen: 4.881 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

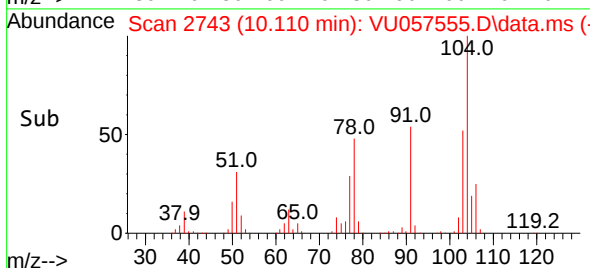
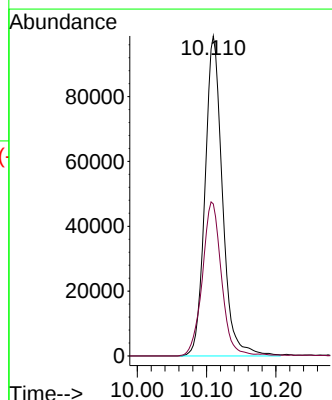
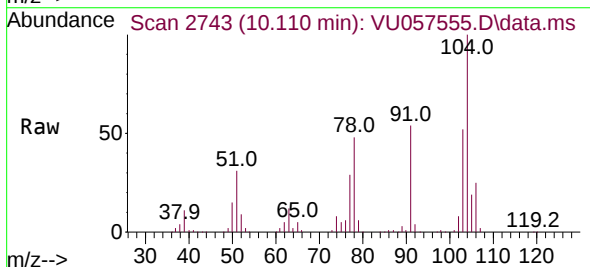
Instrument :
MSVOA_U
ClientSampleId :

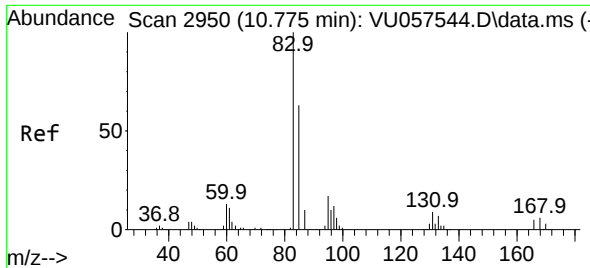
Tgt Ion:106 Resp: 104240
Ion Ratio Lower Upper
106 100
91 225.0 165.1 306.5



#55
Styrene
Concen: 4.906 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

Tgt Ion:104 Resp: 172518
Ion Ratio Lower Upper
104 100
78 47.5 35.1 65.3

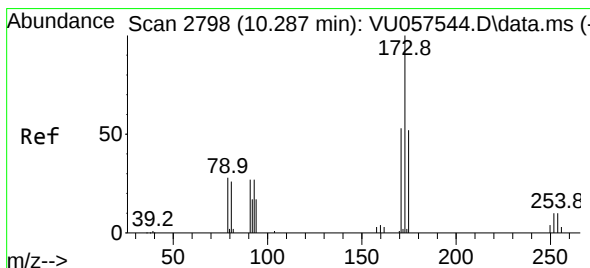
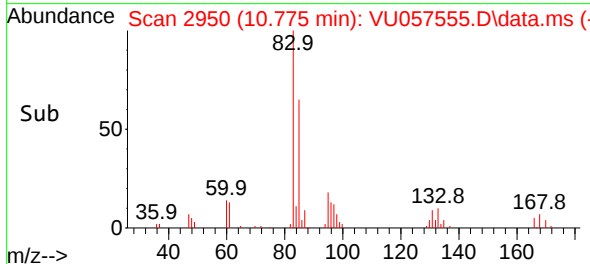
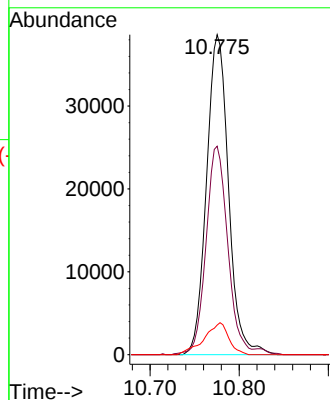
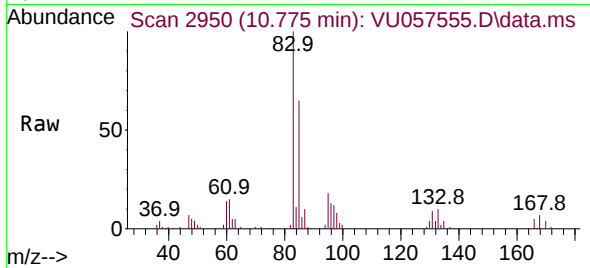




#57
1,1,2,2-Tetrachloroethane
Concen: 4.894 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

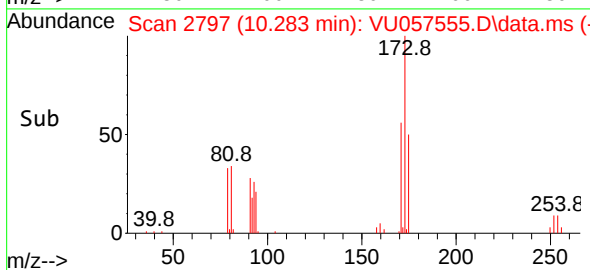
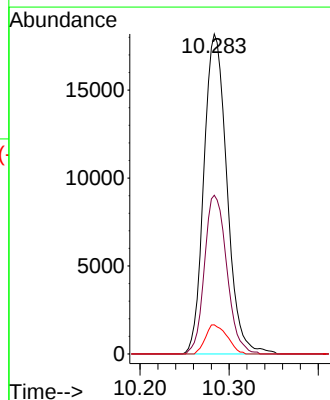
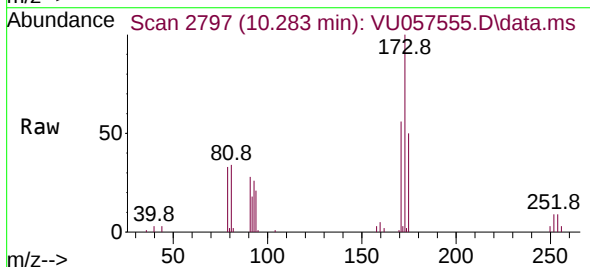
Instrument : MSVOA_U
ClientSampleId :

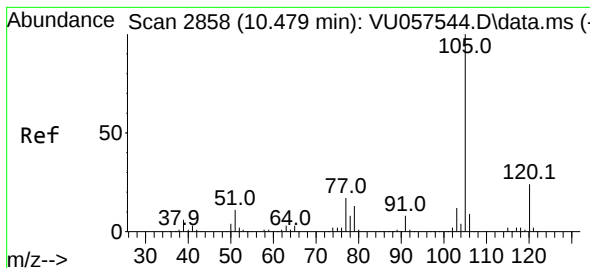
Tgt Ion: 83 Resp: 66141
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.9
131 9.2 6.7 10.1



#59
Bromoform
Concen: 4.973 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.003 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

Tgt Ion: 173 Resp: 32658
Ion Ratio Lower Upper
173 100
175 48.1 38.3 57.5
254 8.6 6.6 9.8





#60

Isopropylbenzene

Concen: 4.695 ug/L

RT: 10.476 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU057555.D

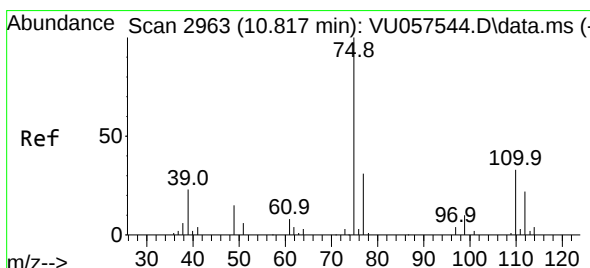
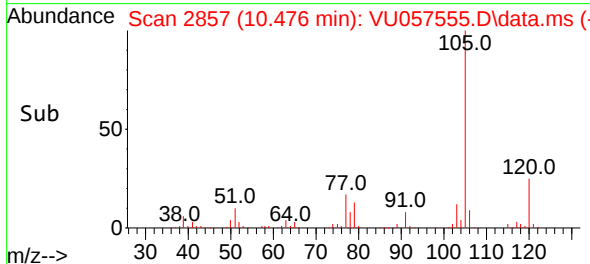
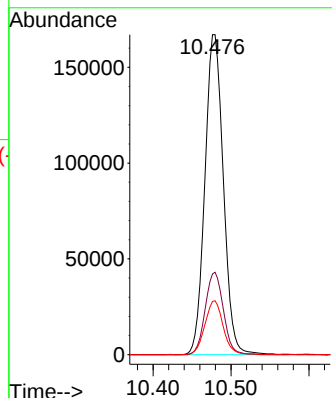
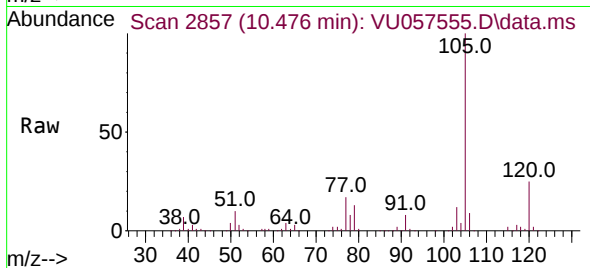
Acq: 17 Jan 2024 21:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	275574
Ion	Ratio	Lower	Upper
105	100		
120	25.3	19.4	29.2
77	16.8	14.4	21.6



#61

1,2,3-Trichloropropane

Concen: 4.691 ug/L

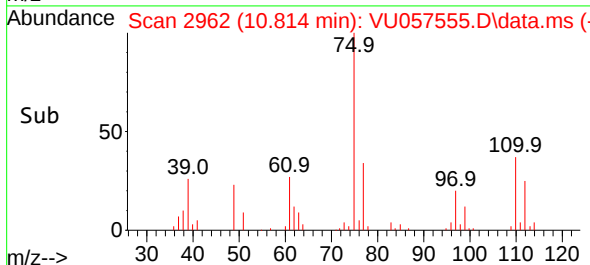
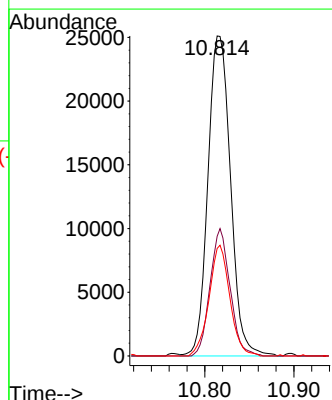
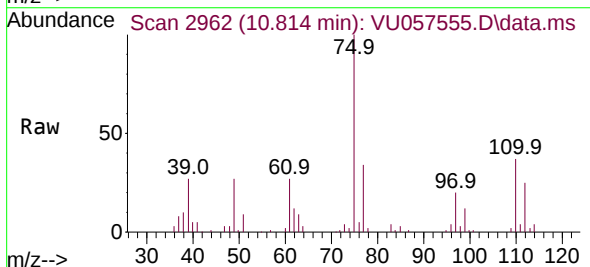
RT: 10.814 min Scan# 2962

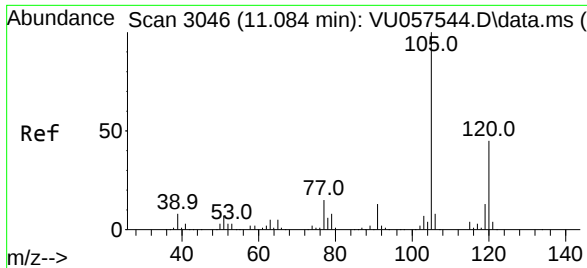
Delta R.T. -0.003 min

Lab File: VU057555.D

Acq: 17 Jan 2024 21:30

Tgt Ion:	75	Resp:	44296
Ion	Ratio	Lower	Upper
75	100		
110	35.2	29.4	44.0
77	31.8	26.2	39.4





#62

1,3,5-Trimethylbenzene

Concen: 4.531 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU057555.D

Acq: 17 Jan 2024 21:30

Instrument :

MSVOA_U

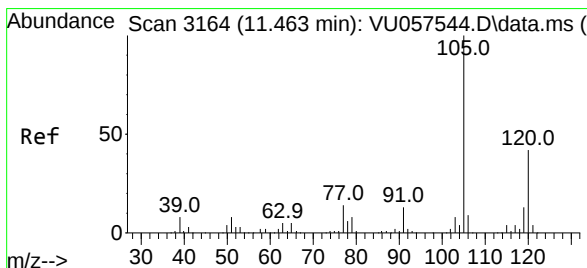
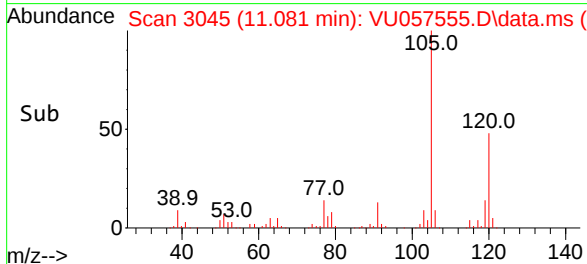
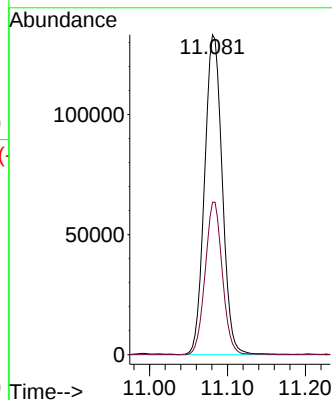
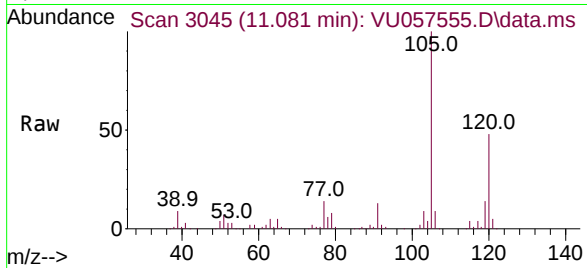
ClientSampleId :

Tgt Ion:105 Resp: 209652

Ion Ratio Lower Upper

105 100

120 46.4 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 4.558 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU057555.D

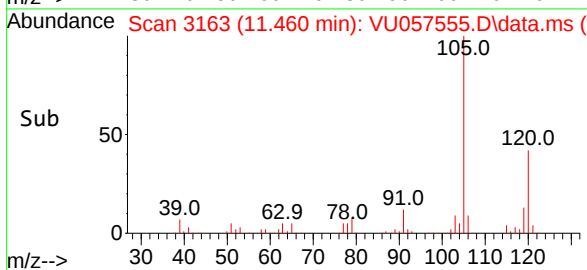
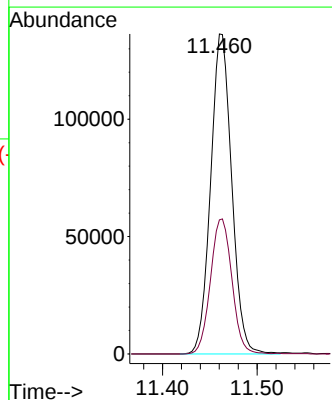
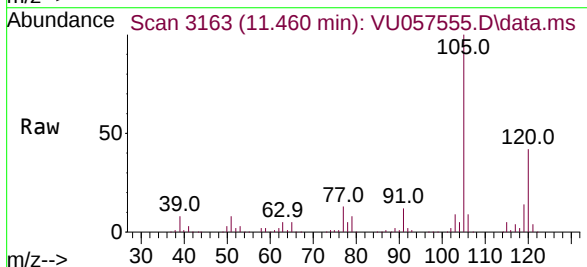
Acq: 17 Jan 2024 21:30

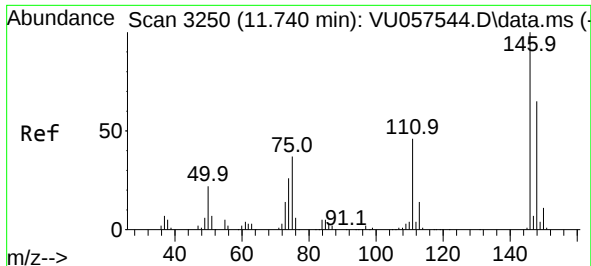
Tgt Ion:105 Resp: 211164

Ion Ratio Lower Upper

105 100

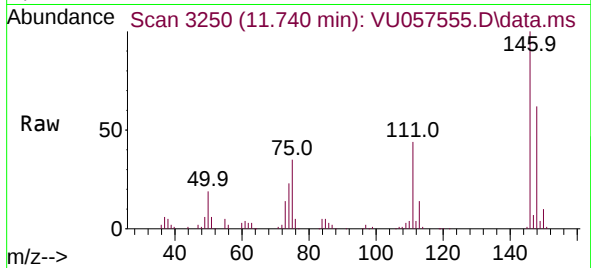
120 42.9 33.8 50.8



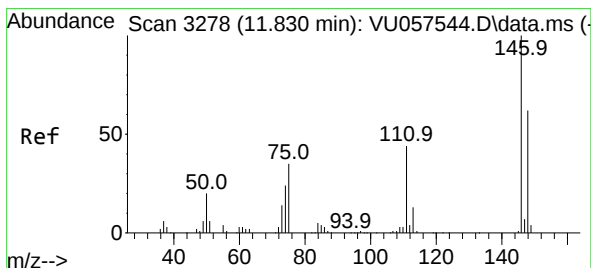
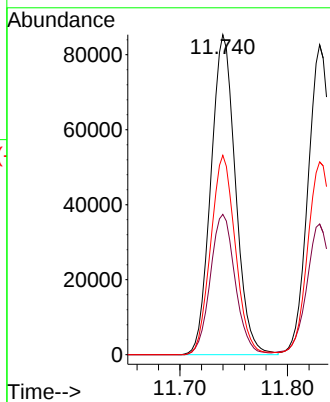
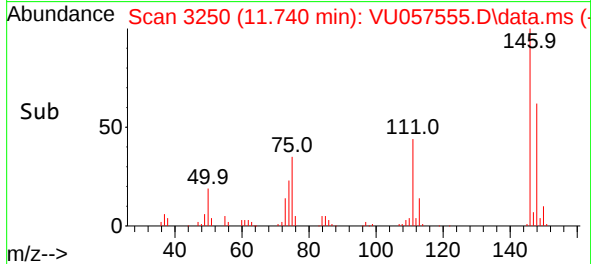


#64
1,3-Dichlorobenzene
Concen: 4.745 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

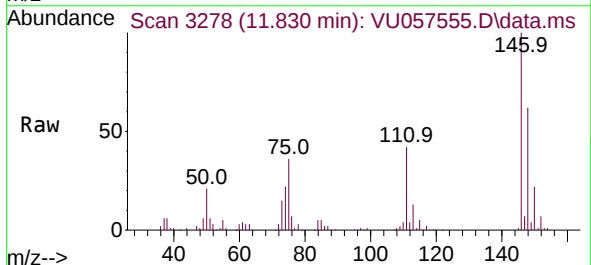
Instrument :
MSVOA_U
ClientSampleId :



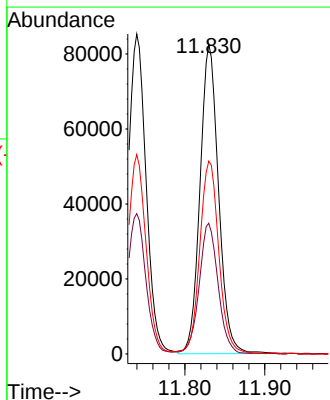
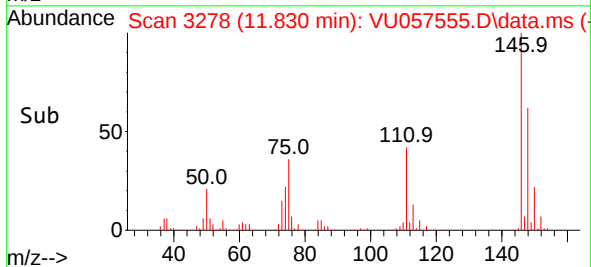
Tgt Ion:146 Resp: 135566
Ion Ratio Lower Upper
146 100
111 43.9 31.1 57.9
148 62.3 43.2 80.2

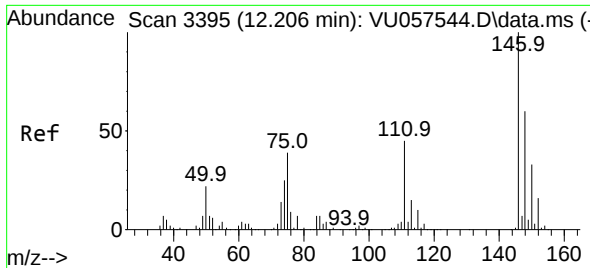


#65
1,4-Dichlorobenzene
Concen: 4.694 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30



Tgt Ion:146 Resp: 133124
Ion Ratio Lower Upper
146 100
111 42.2 30.3 56.3
148 62.2 44.7 83.1

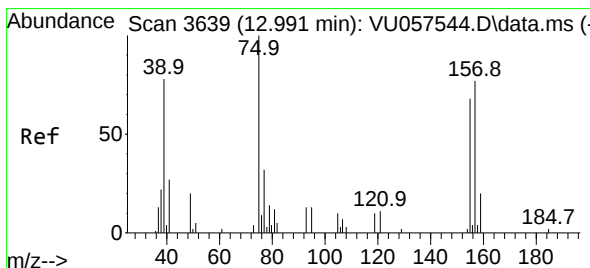
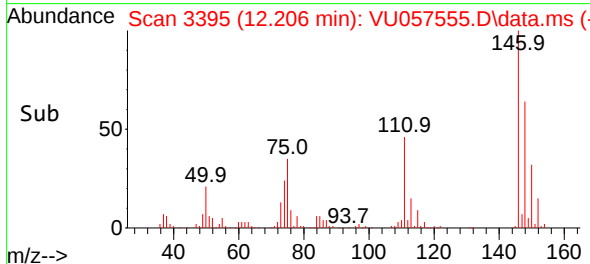
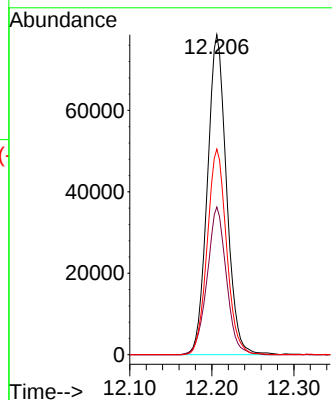
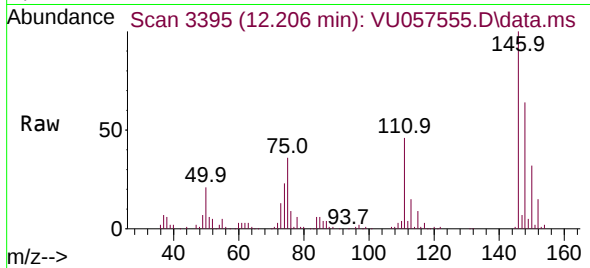




#67
1,2-Dichlorobenzene
Concen: 4.812 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

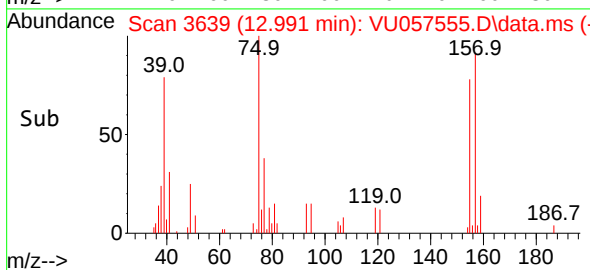
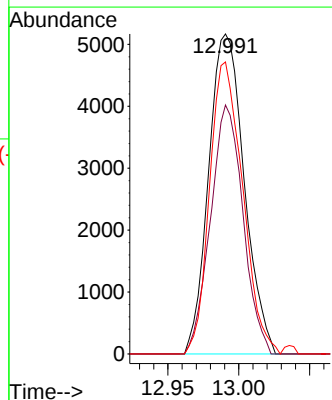
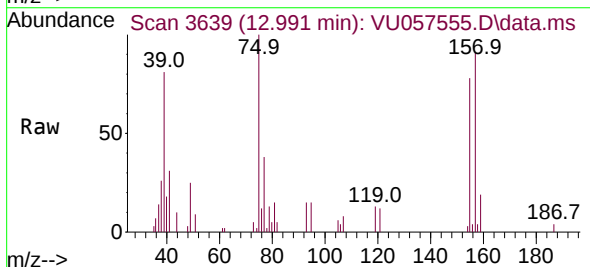
Instrument :
MSVOA_U
ClientSampleId :

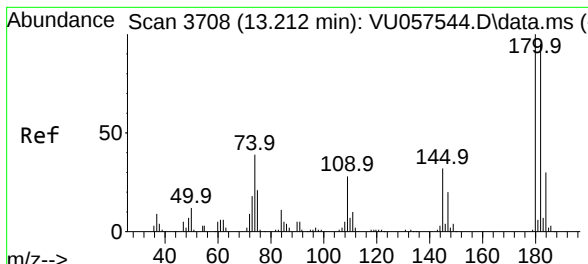
Tgt Ion:146 Resp: 127338
Ion Ratio Lower Upper
146 100
111 46.2 36.2 54.4
148 64.2 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.978 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

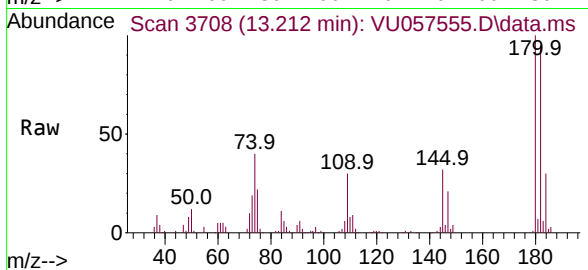
Tgt Ion: 75 Resp: 9015
Ion Ratio Lower Upper
75 100
155 77.8 55.4 83.0
157 91.3 68.6 102.8





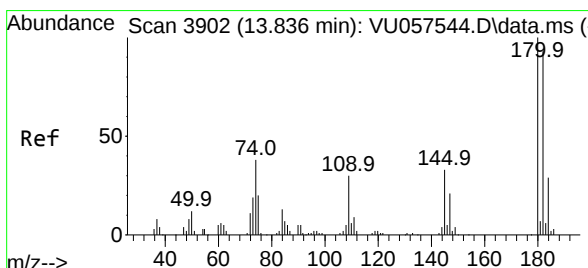
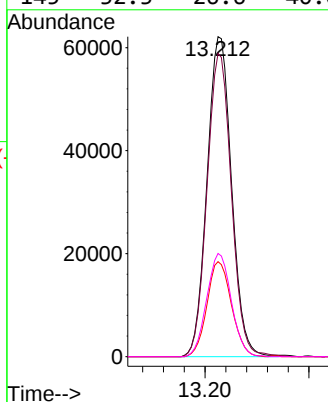
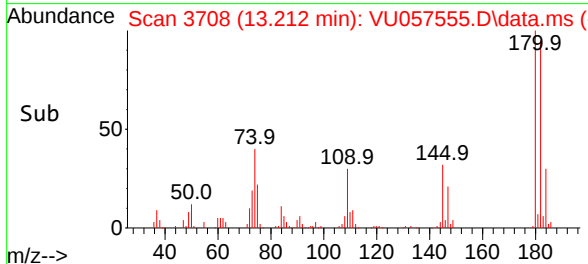
#69
 1,3,5-Trichlorobenzene
 Concen: 5.308 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU057555.D
 Acq: 17 Jan 2024 21:30

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 101643

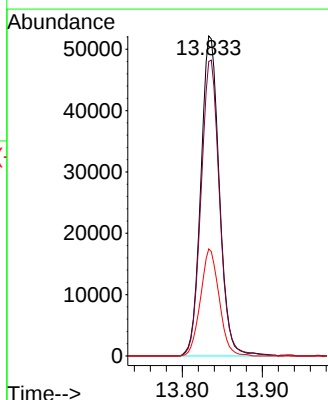
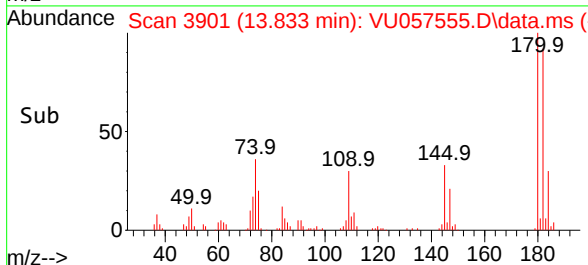
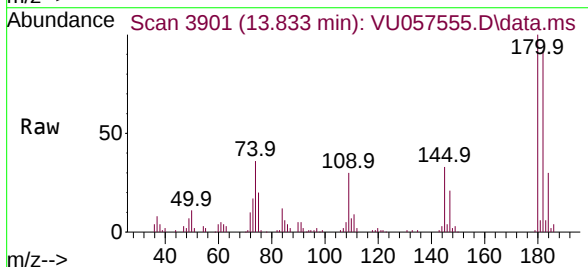
Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.6	115.0
184	29.7	24.6	37.0
145	32.3	26.6	40.0

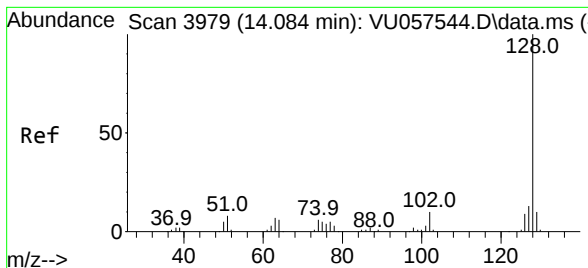


#70
 1,2,4-trichlorobenzene
 Concen: 6.478 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.003 min
 Lab File: VU057555.D
 Acq: 17 Jan 2024 21:30

Tgt Ion:180 Resp: 84006

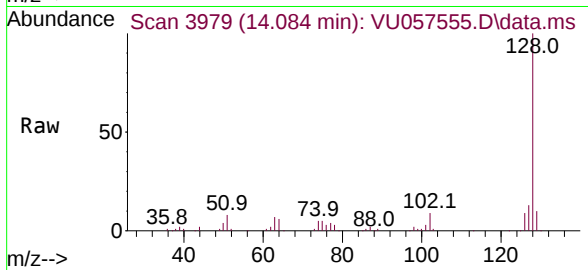
Ion	Ratio	Lower	Upper
180	100		
182	92.9	77.1	115.7
145	33.7	27.6	41.4



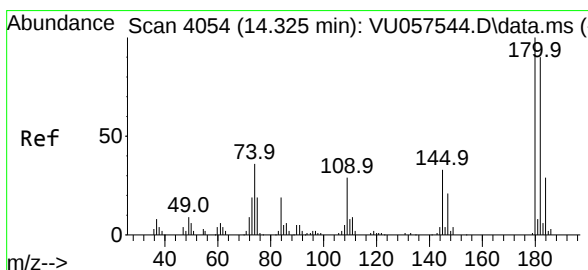
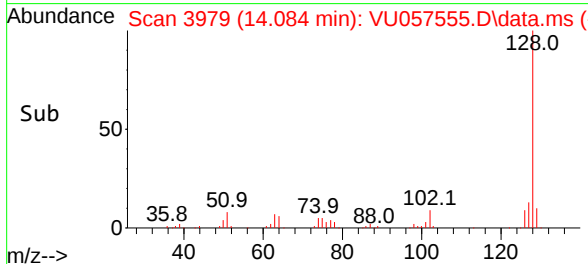
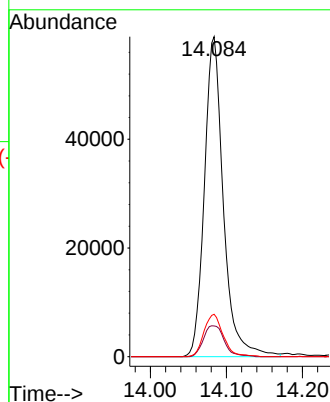


#71
Naphthalene
Concen: 5.644 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 102342
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.5 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 6.475 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU057555.D
Acq: 17 Jan 2024 21:30

Tgt Ion:180 Resp: 68764
Ion Ratio Lower Upper
180 100
182 94.8 77.0 115.6
145 35.8 30.0 45.0

