

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011724\
 Data File : VU057543.D
 Acq On : 17 Jan 2024 13:04
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 01:04:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 05:27:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	316556	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	315437	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	124437	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	115506	3.596	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.914	69	101910	4.078	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.560	65	54326	4.000	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.644	46	281462	46.331	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.660%
24) Chloroform-d	5.055	84	236952	4.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.695	65	125540	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.721	84	467950	4.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.686	67	151290	4.218	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.894	98	343127	3.533	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	8.177	79	46584	3.736	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.637	63	215450	47.716	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.440%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	114446	4.723	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	123130	4.927	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	96267	4.610	ug/L	97
3) Chloromethane	1.519	50	109536	4.084	ug/L	98
5) Vinyl chloride	1.602	62	110221	4.615	ug/L	97
6) Bromomethane	1.856	94	51550	3.707	ug/L	95
8) Chloroethane	1.933	64	69110	4.641	ug/L	99
9) Trichlorofluoromethane	2.136	101	157231	4.815	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	106114	5.079	ug/L	99
12) 1,1-Dichloroethene	2.576	96	88304	4.774	ug/L	87
13) Acetone	2.673	43	168496	46.138	ug/L	100
14) Carbon disulfide	2.789	76	232305	4.495	ug/L	99
15) Methyl Acetate	2.959	43	38904	4.712	ug/L	98
16) Methylene chloride	3.043	84	107717	4.307	ug/L	95
17) Methyl tert-butyl Ether	3.358	73	217377	4.738	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	88850	4.840	ug/L	100
19) 1,1-Dichloroethane	3.862	63	182597	4.408	ug/L	100
21) 2-Butanone	4.724	43	230283	44.576	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	91641	4.288	ug/L	96
23) Bromochloromethane	4.969	128	39645	4.321	ug/L	97
25) Chloroform	5.081	83	197946	4.608	ug/L	96

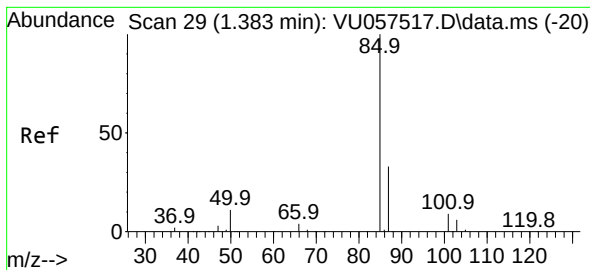
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011724\
 Data File : VU057543.D
 Acq On : 17 Jan 2024 13:04
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 01:04:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 05:27:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	125883	4.866	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	162621	4.179	ug/L	98
30) Cyclohexane	5.383	56	117646	3.717	ug/L	98
31) Carbon tetrachloride	5.518	117	138294	4.303	ug/L	100
33) Benzene	5.769	78	420007	4.532	ug/L	100
34) Trichloroethene	6.538	95	108214	4.445	ug/L	98
35) Methylcyclohexane	6.756	83	139995	4.325	ug/L	98
37) 1,2-Dichloropropane	6.785	63	118177	4.496	ug/L	99
38) Bromodichloromethane	7.100	83	144091	4.553	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	120032	3.455	ug/L	100
40) 4-Methyl-2-pentanone	7.792	43	523126	40.091	ug/L	98
42) Toluene	7.965	91	368784	4.037	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	112754	3.987	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	70971	4.187	ug/L	96
47) Tetrachloroethene	8.547	164	70483	4.359	ug/L	95
48) 2-Hexanone	8.685	43	465131	48.811	ug/L	96
49) Dibromochloromethane	8.804	129	83902	4.613	ug/L	99
50) 1,2-Dibromoethane	8.920	107	65599	4.696	ug/L #	100
51) Chlorobenzene	9.444	112	266707	4.631	ug/L	99
52) Ethylbenzene	9.566	91	444830	4.735	ug/L	99
53) m,p-Xylene	9.689	106	159007	4.698	ug/L	100
54) o-Xylene	10.097	106	155804	4.798	ug/L	95
55) Styrene	10.110	104	262493	4.909	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	100429	4.887	ug/L	99
59) Bromoform	10.287	173	46516	5.744	ug/L	99
60) Isopropylbenzene	10.480	105	414102	5.722	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	67997	5.840	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	323425	5.668	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	290706	5.089	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	171997	4.882	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	165314	4.727	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	180850	5.542	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	11371	5.091	ug/L	98
69) 1,3,5-Trichlorobenzene	13.213	180	134870	5.711	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	90575	5.664	ug/L	98
71) Naphthalene	14.084	128	120342	5.382	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	76233	5.821	ug/L	99

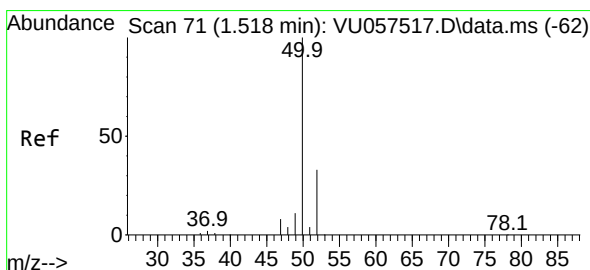
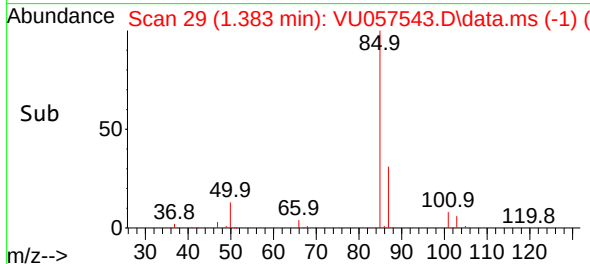
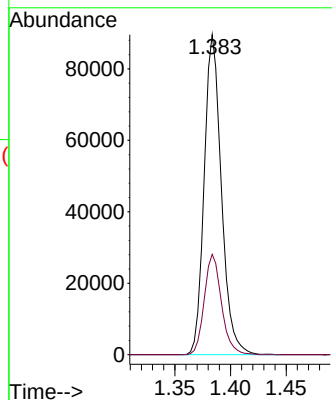
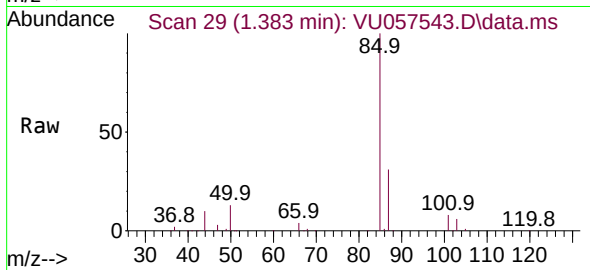
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#2
Dichlorodifluoromethane
Concen: 4.610 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

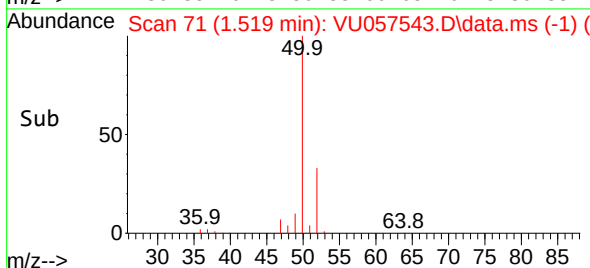
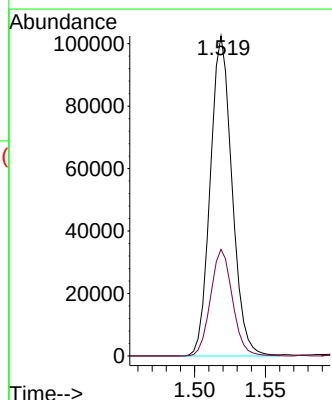
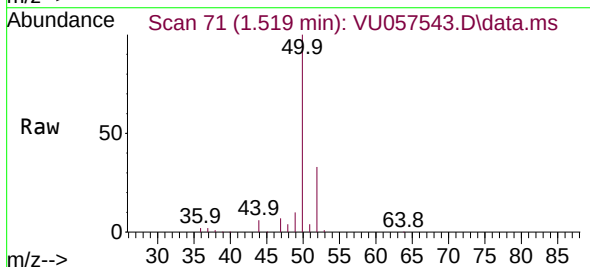
Instrument :
MSVOA_U
ClientSampleId :

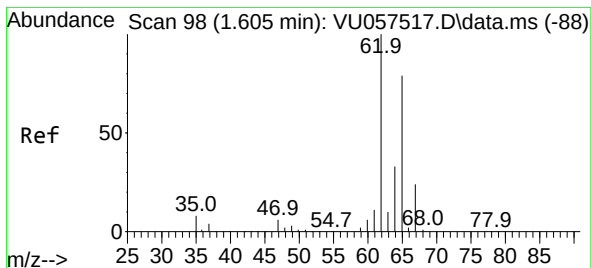
Tgt Ion: 85 Resp: 96267
Ion Ratio Lower Upper
85 100
87 31.4 26.2 39.4



#3
Chloromethane
Concen: 4.084 ug/L
RT: 1.519 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

Tgt Ion: 50 Resp: 109536
Ion Ratio Lower Upper
50 100
52 33.3 24.1 44.7





#5

Vinyl chloride

Concen: 4.615 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.003 min

Lab File: VU057543.D

Acq: 17 Jan 2024 13:04

Instrument :

MSVOA_U

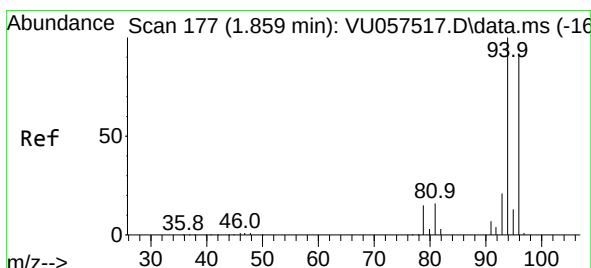
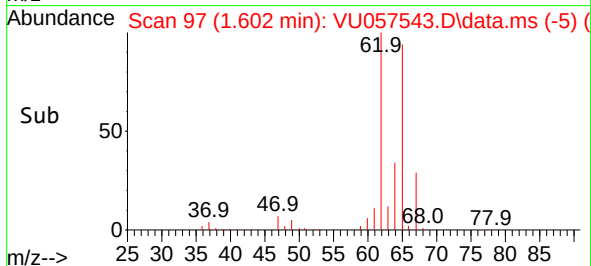
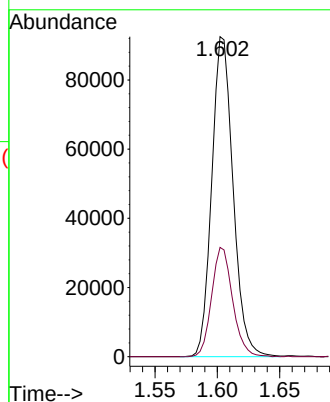
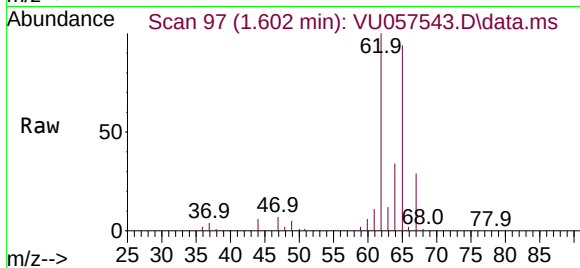
ClientSampleId :

Tgt Ion: 62 Resp: 110221

Ion Ratio Lower Upper

62 100

64 34.1 22.9 42.5



#6

Bromomethane

Concen: 3.707 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU057543.D

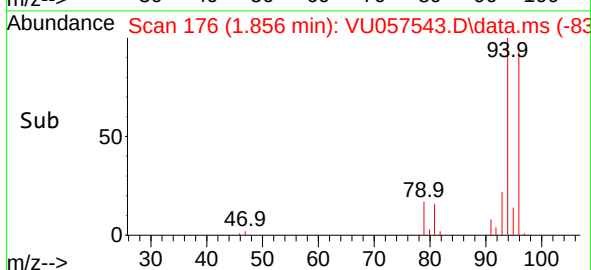
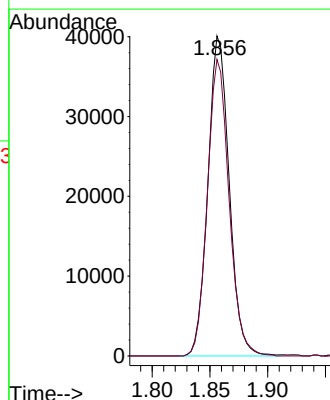
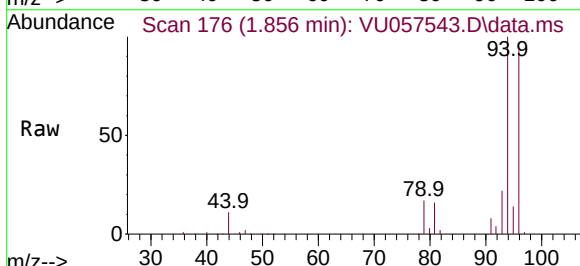
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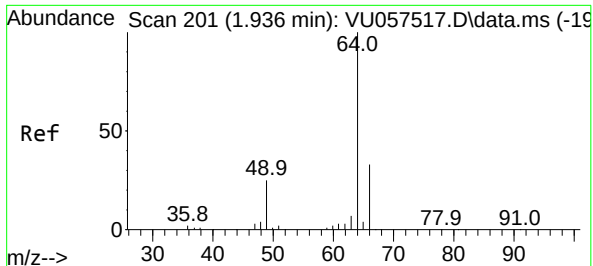
Tgt Ion: 94 Resp: 51550

Ion Ratio Lower Upper

94 100

96 92.6 68.0 126.2

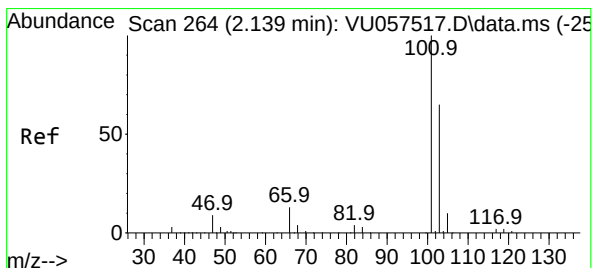
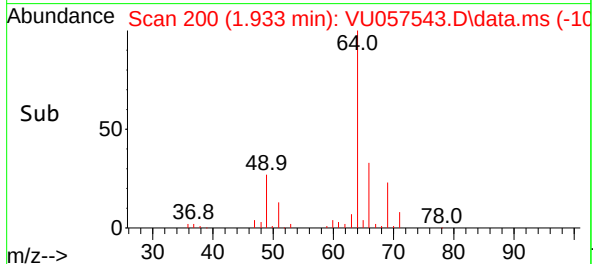
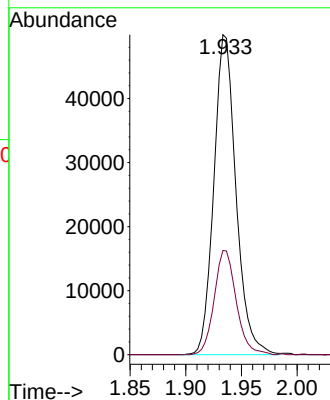
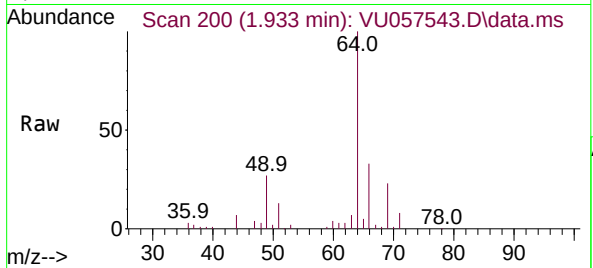




#8
Chloroethane
Concen: 4.641 ug/L
RT: 1.933 min Scan# 201
Delta R.T. -0.003 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

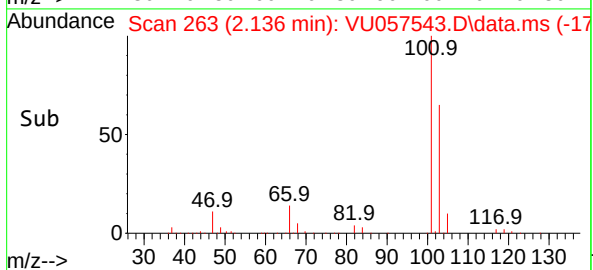
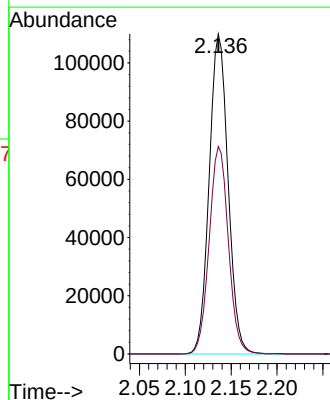
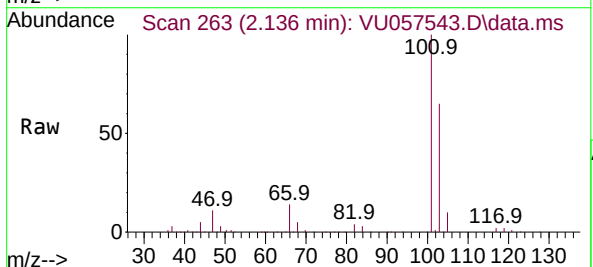
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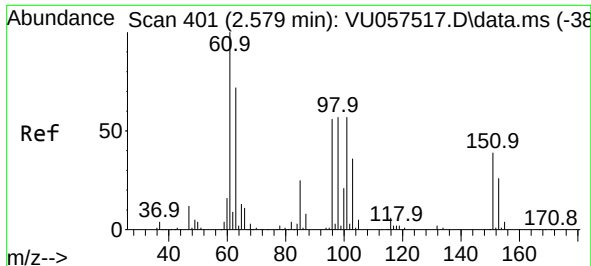
Tgt Ion: 64 Resp: 69110
Ion Ratio Lower Upper
64 100
66 32.6 23.3 43.3



#9
Trichlorofluoromethane
Concen: 4.815 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.003 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

Tgt Ion:101 Resp: 157231
Ion Ratio Lower Upper
101 100
103 65.8 51.2 76.8

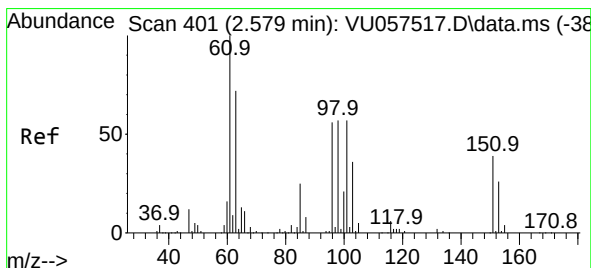
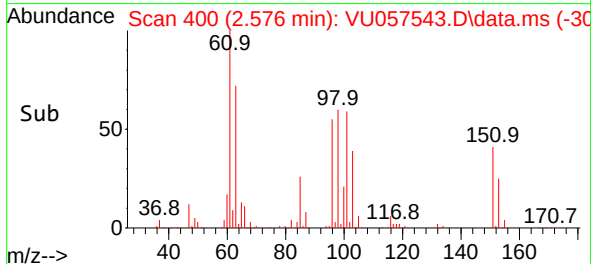
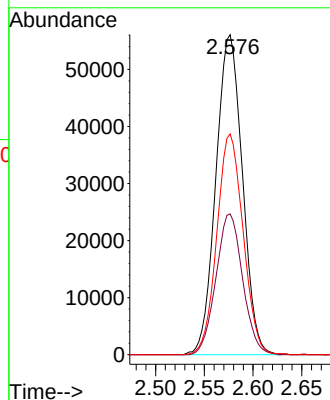
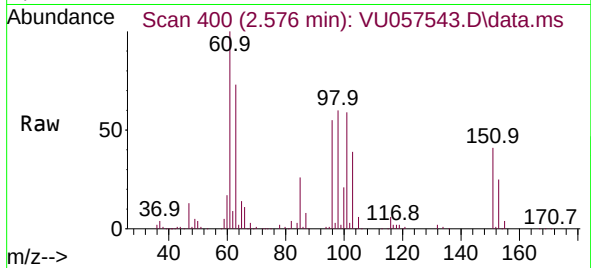




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.079 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.003 min
 Lab File: VU057543.D
 Acq: 17 Jan 2024 13:04

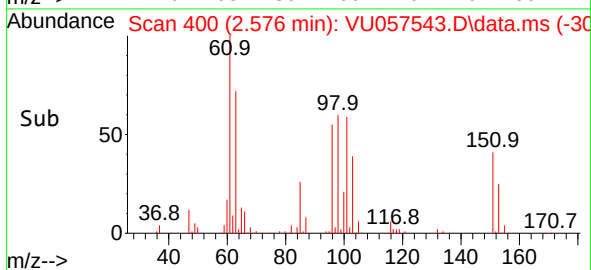
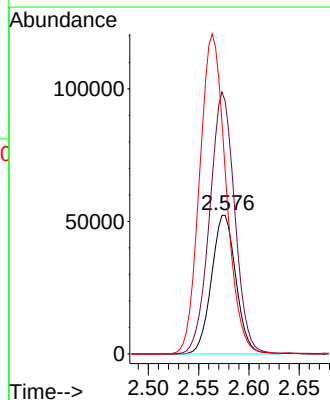
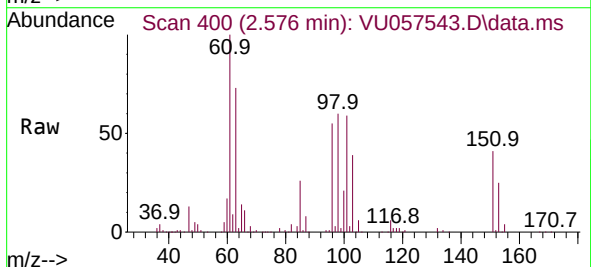
Instrument :
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 ClientSampleId :

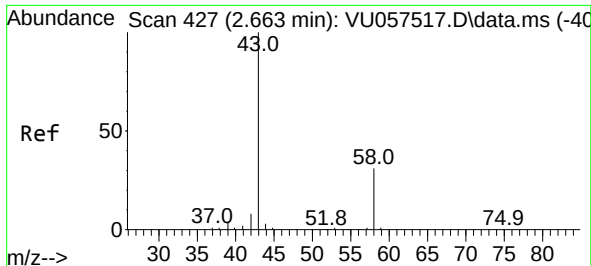
Tgt Ion:101 Resp: 106114
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.1 52.7
 151 68.5 55.4 83.0



#12
 1,1-Dichloroethene
 Concen: 4.774 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.003 min
 Lab File: VU057543.D
 Acq: 17 Jan 2024 13:04

Tgt Ion: 96 Resp: 88304
 Ion Ratio Lower Upper
 96 100
 61 182.2 130.9 243.1
 63 132.4 114.8 213.2





#13

Acetone

Concen: 46.138 ug/L

RT: 2.673 min Scan# 41

Delta R.T. 0.007 min

Lab File: VU057543.D

Acq: 17 Jan 2024 13:04

Instrument :

MSVOA_U

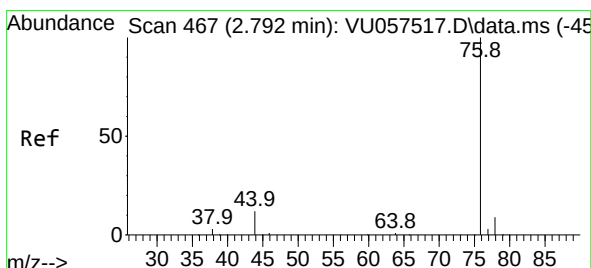
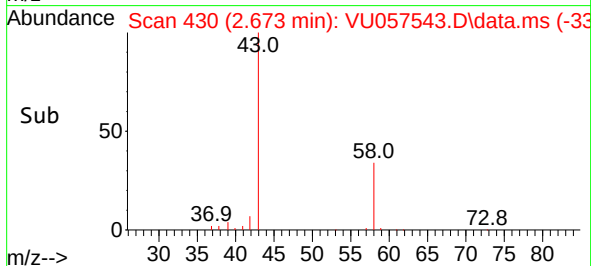
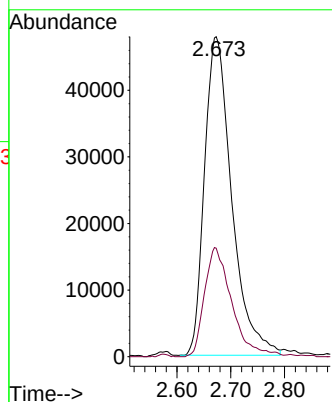
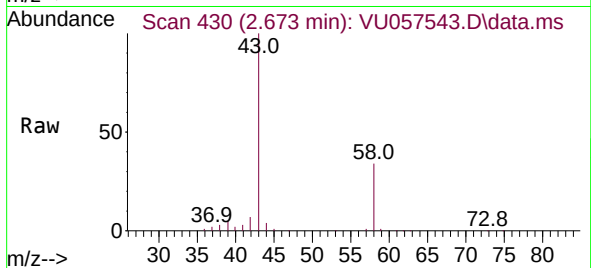
ClientSampleId :

Tgt Ion: 43 Resp: 168496

Ion Ratio Lower Upper

43 100

58 33.9 0.0 67.8



#14

Carbon disulfide

Concen: 4.495 ug/L

RT: 2.789 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU057543.D

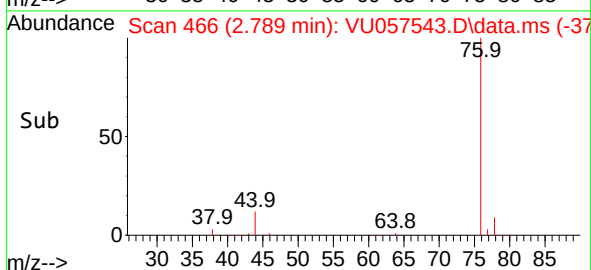
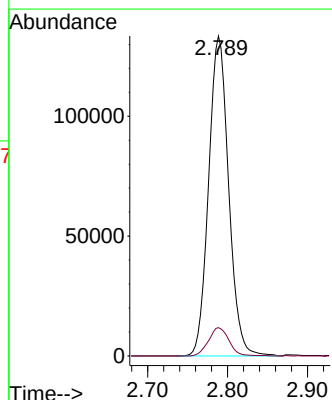
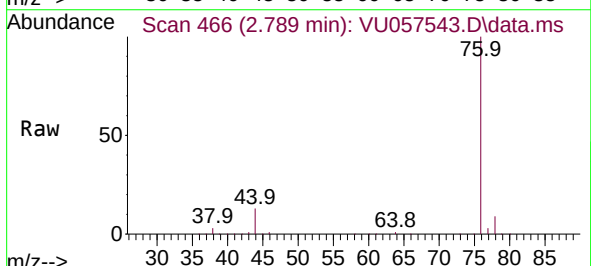
Acq: 17 Jan 2024 13:04

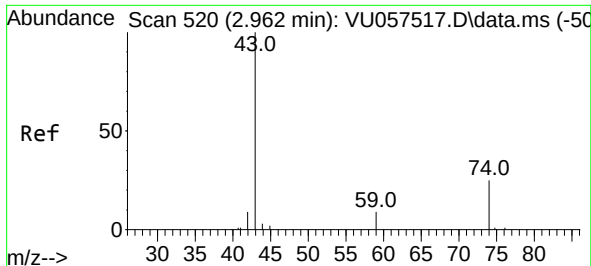
Tgt Ion: 76 Resp: 232305

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

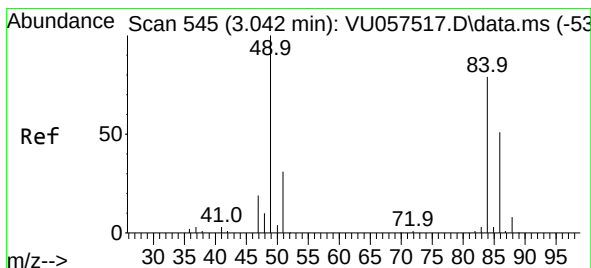
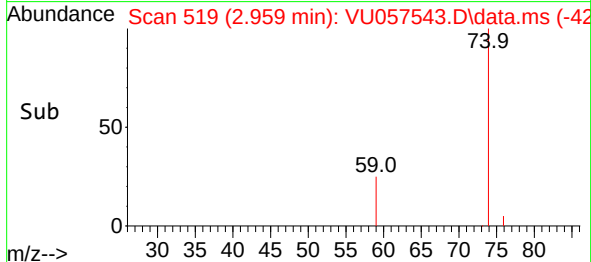
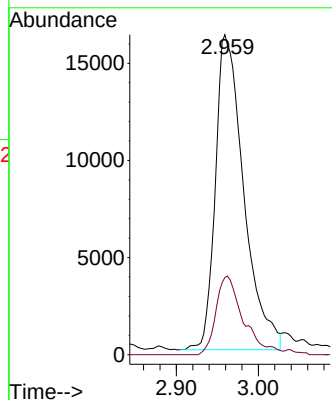
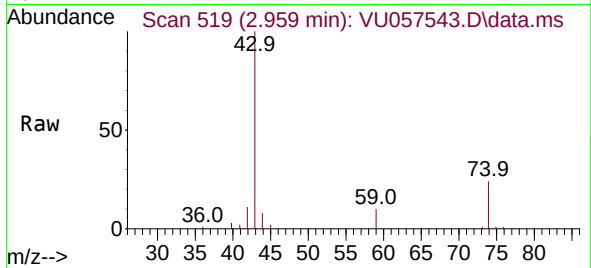




#15
Methyl Acetate
Concen: 4.712 ug/L
RT: 2.959 min Scan# 519
Delta R.T. -0.003 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

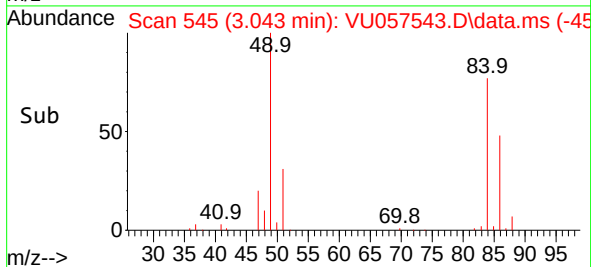
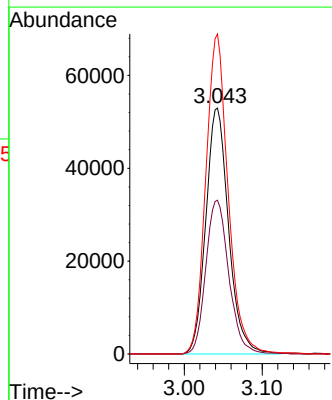
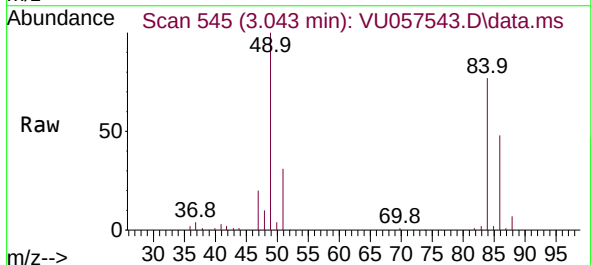
Instrument :
MSVOA_U
ClientSampleId :

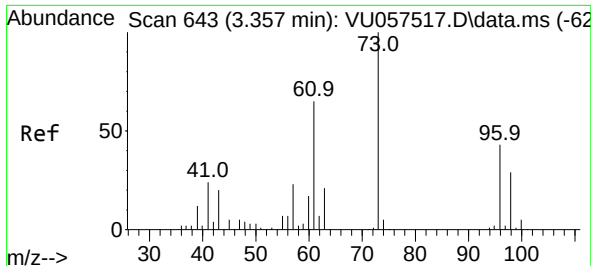
Tgt Ion: 43 Resp: 38904
Ion Ratio Lower Upper
43 100
74 24.0 18.6 27.8



#16
Methylene chloride
Concen: 4.307 ug/L
RT: 3.043 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

Tgt Ion: 84 Resp: 107717
Ion Ratio Lower Upper
84 100
86 62.5 45.8 85.2
49 130.1 86.7 161.1

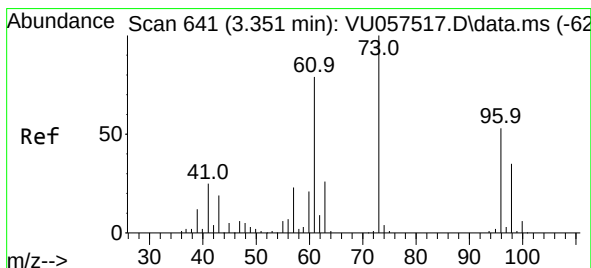
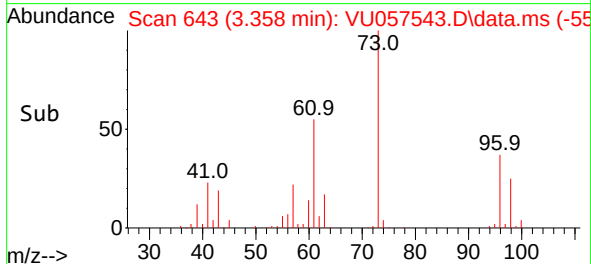
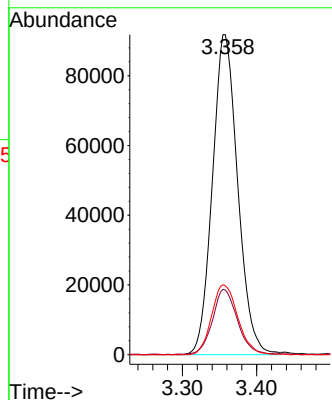
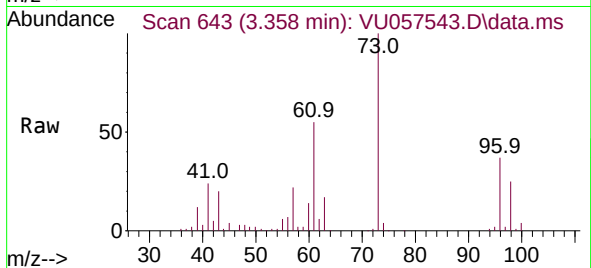




#17
Methyl tert-butyl Ether
Concen: 4.738 ug/L
RT: 3.358 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

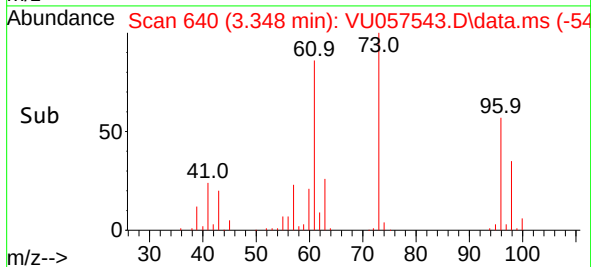
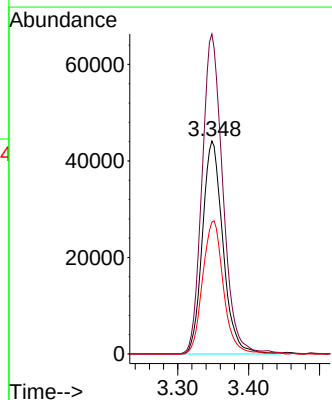
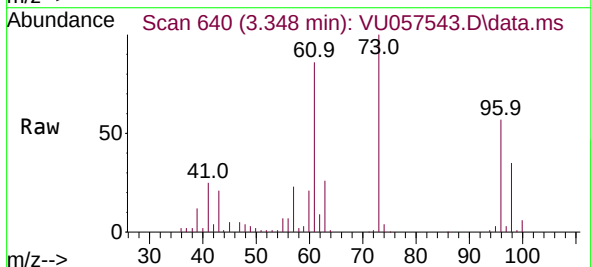
Instrument :
MSVOA_U
ClientSampleId :

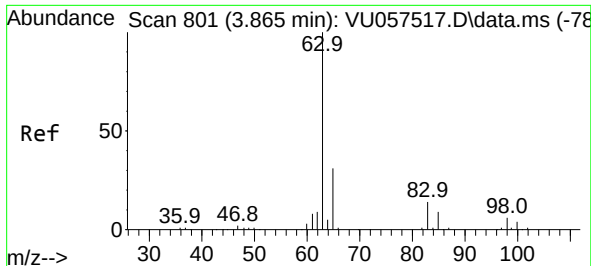
Tgt Ion: 73 Resp: 217377
Ion Ratio Lower Upper
73 100
43 19.8 16.1 24.1
57 22.6 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 4.840 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

Tgt Ion: 96 Resp: 88850
Ion Ratio Lower Upper
96 100
61 150.2 105.1 195.3
98 61.9 43.7 81.1





#19

1,1-Dichloroethane

Concen: 4.408 ug/L

RT: 3.862 min Scan# 801

Delta R.T. -0.003 min

Lab File: VU057543.D

Acq: 17 Jan 2024 13:04

Instrument :

MSVOA_U

ClientSampleId :

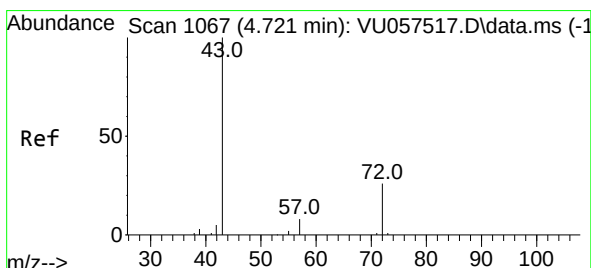
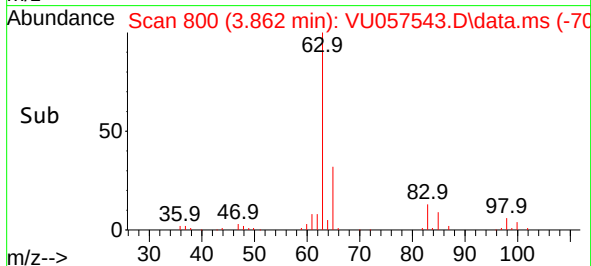
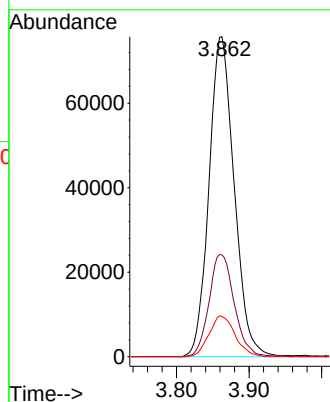
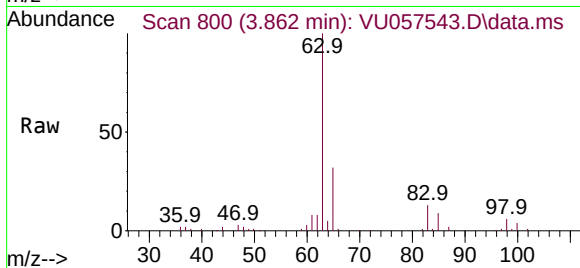
Tgt Ion: 63 Resp: 182597

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.3

83 12.6 9.1 16.9



#21

2-Butanone

Concen: 44.576 ug/L

RT: 4.724 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VU057543.D

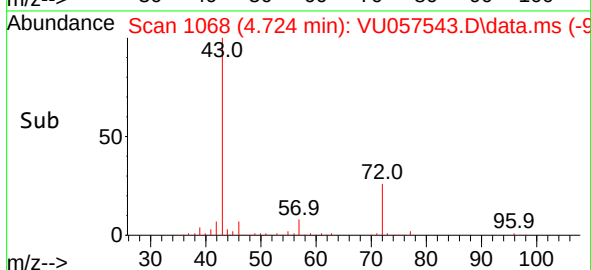
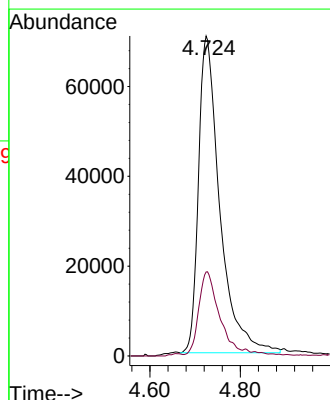
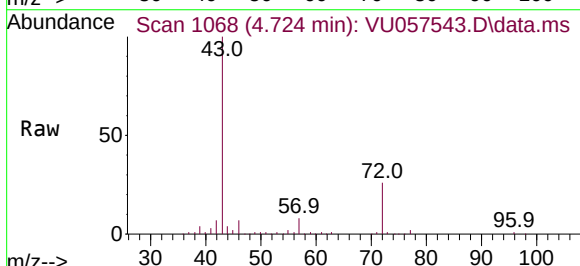
Acq: 17 Jan 2024 13:04

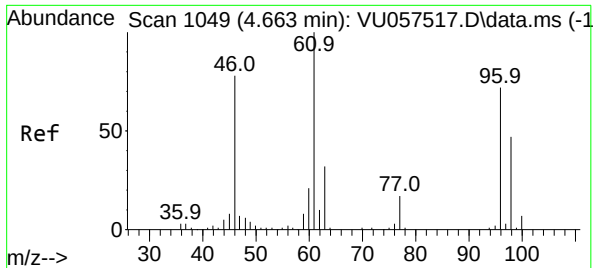
Tgt Ion: 43 Resp: 230283

Ion Ratio Lower Upper

43 100

72 24.5 12.7 38.0





#22

cis-1,2-Dichloroethene

Concen: 4.288 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU057543.D

Acq: 17 Jan 2024 13:04

Instrument :

MSVOA_U

ClientSampleId :

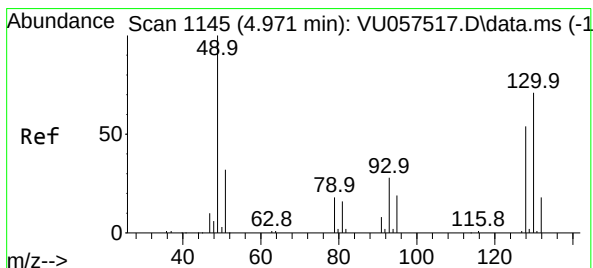
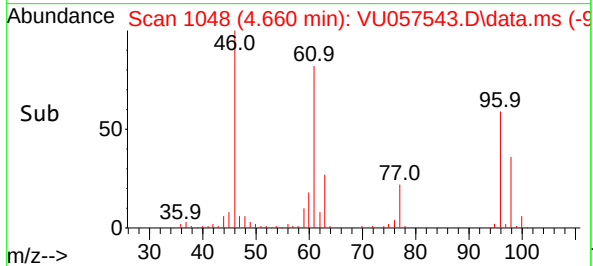
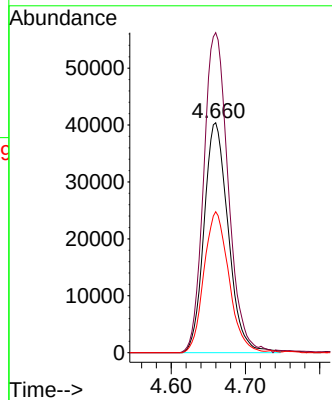
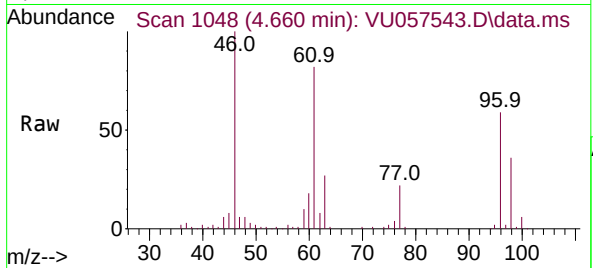
Tgt Ion: 96 Resp: 91641

Ion Ratio Lower Upper

96 100

61 139.2 93.4 173.4

98 61.3 44.9 83.3



#23

Bromochloromethane

Concen: 4.321 ug/L

RT: 4.969 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VU057543.D

Acq: 17 Jan 2024 13:04

Tgt Ion:128 Resp: 39645

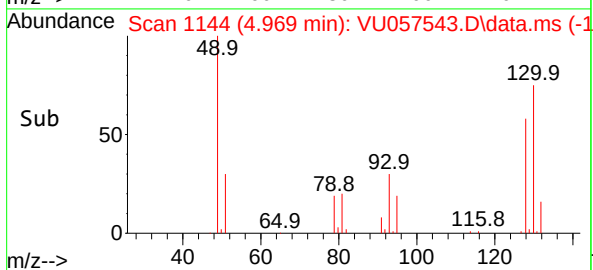
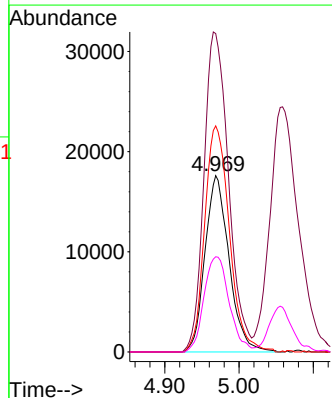
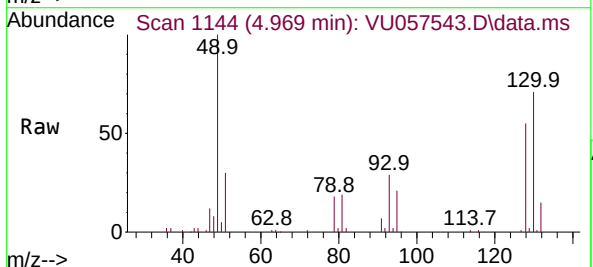
Ion Ratio Lower Upper

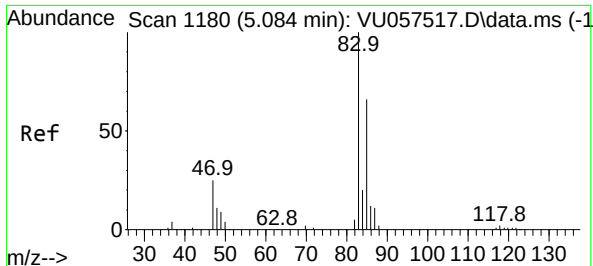
128 100

49 180.6 130.3 241.9

130 128.3 88.8 165.0

51 54.0 46.7 70.1





#25

Chloroform

Concen: 4.608 ug/L

RT: 5.081 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU057543.D

Acq: 17 Jan 2024 13:04

Instrument :

MSVOA_U

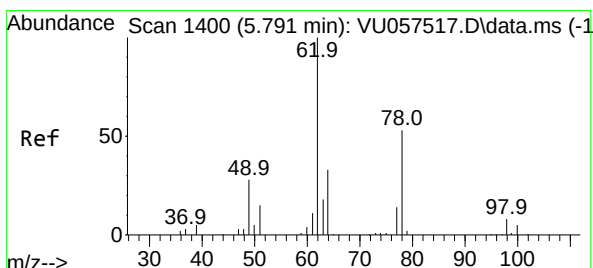
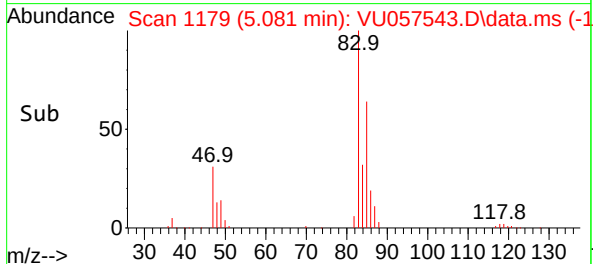
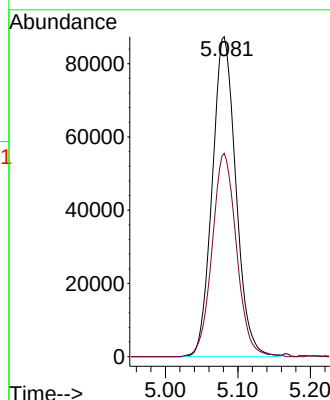
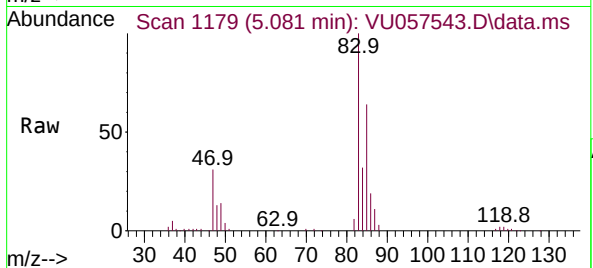
ClientSampleId :

Tgt Ion: 83 Resp: 197946

Ion Ratio Lower Upper

83 100

85 63.5 46.7 86.7



#27

1,2-Dichloroethane

Concen: 4.866 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU057543.D

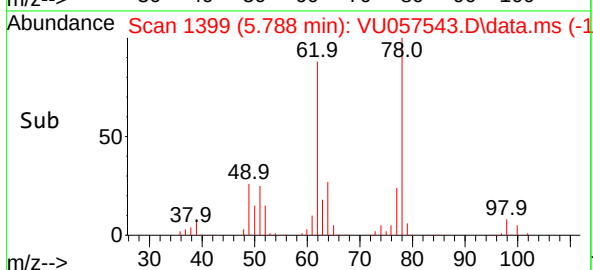
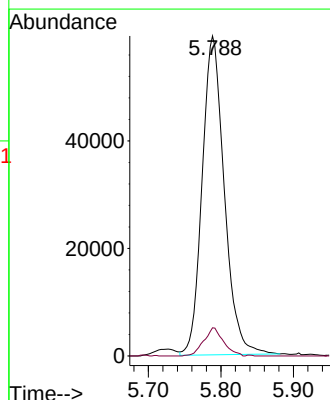
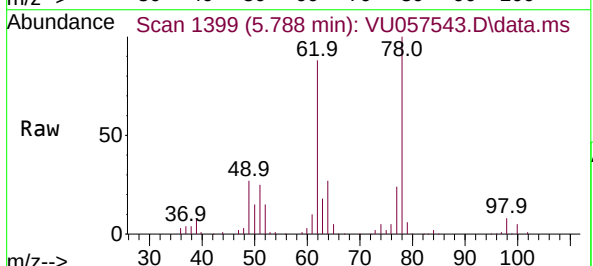
Acq: 17 Jan 2024 13:04

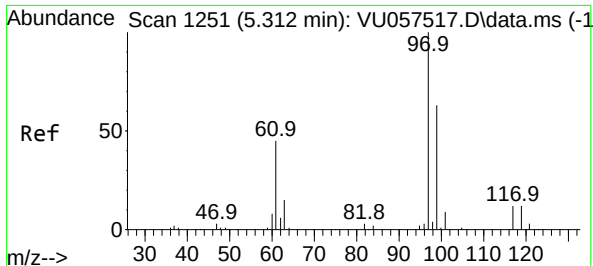
Tgt Ion: 62 Resp: 125883

Ion Ratio Lower Upper

62 100

98 8.8 7.4 11.0

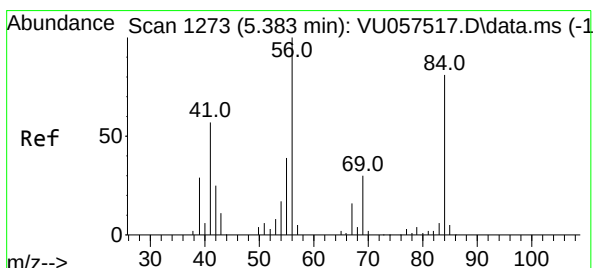
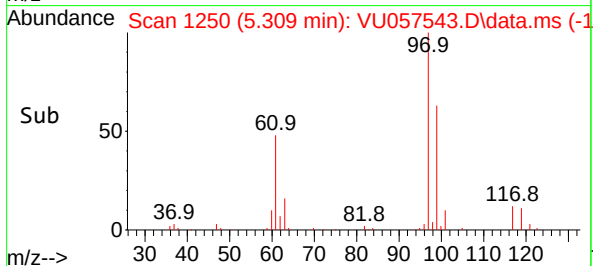
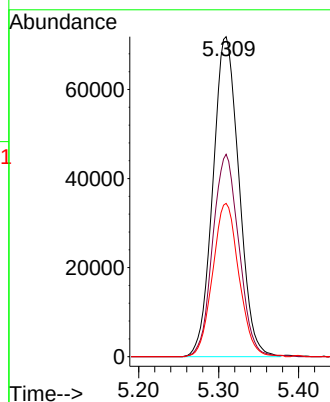
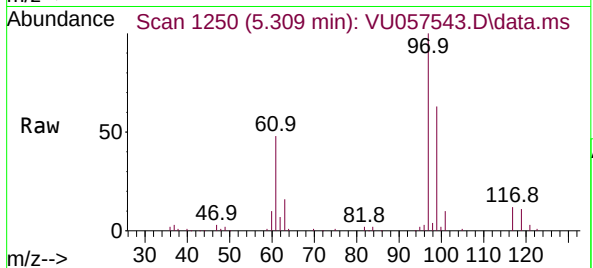




#29
1,1,1-Trichloroethane
Concen: 4.179 ug/L
RT: 5.309 min Scan# 1251
Delta R.T. -0.003 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

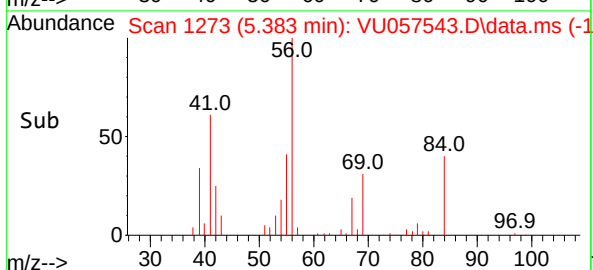
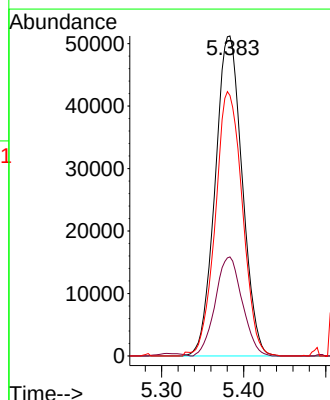
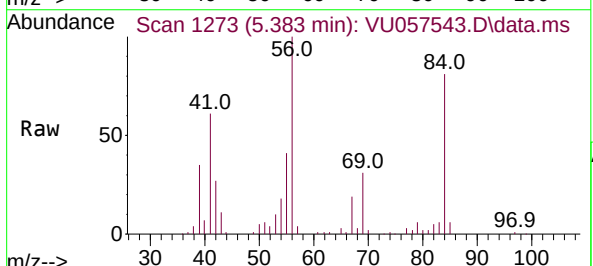
Instrument :
MSVOA_U
ClientSampleId :

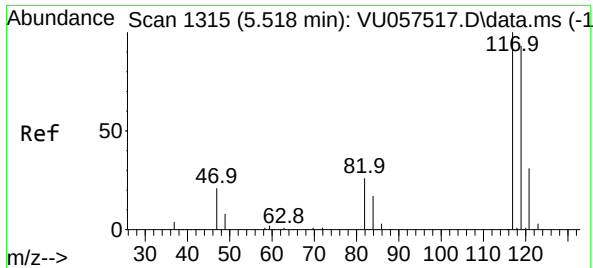
Tgt Ion: 97 Resp: 162621
Ion Ratio Lower Upper
97 100
99 63.5 51.4 77.0
61 48.2 36.9 55.3



#30
Cyclohexane
Concen: 3.717 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

Tgt Ion: 56 Resp: 117646
Ion Ratio Lower Upper
56 100
69 30.8 24.1 36.1
84 82.5 64.8 97.2

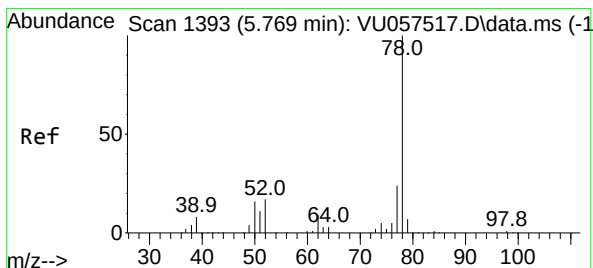
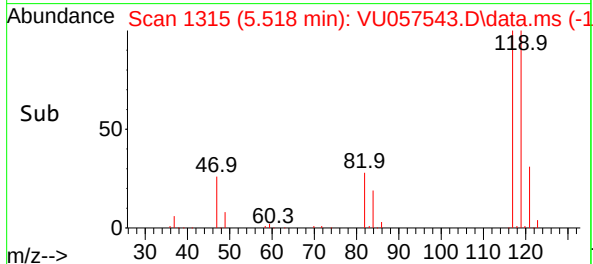
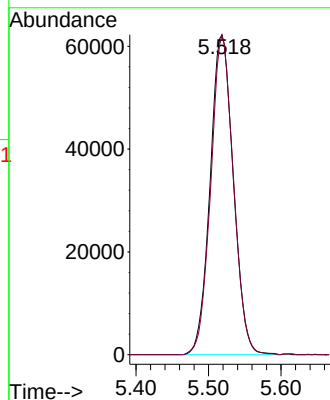
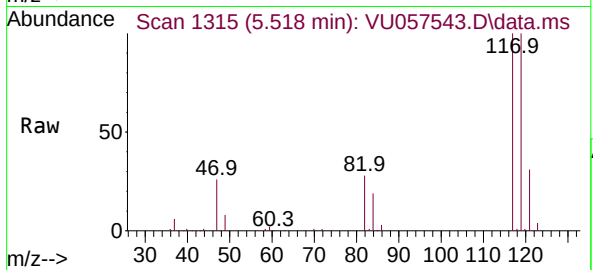




#31
Carbon tetrachloride
Concen: 4.303 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

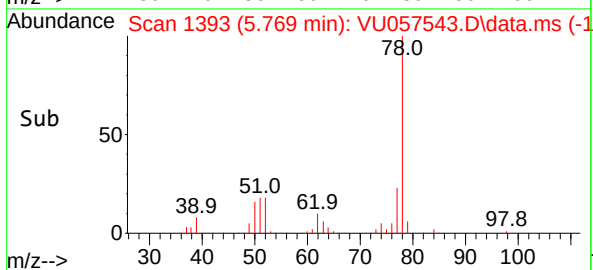
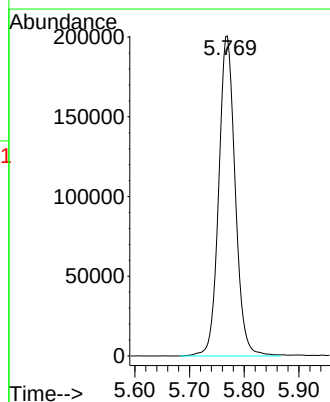
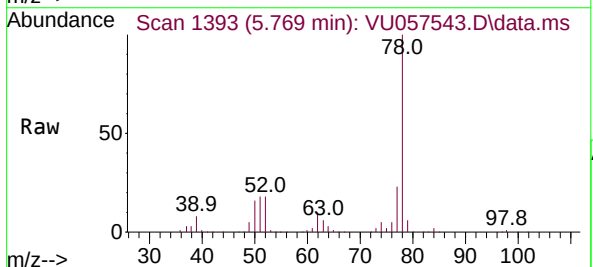
Instrument :
MSVOA_U
ClientSampleId :

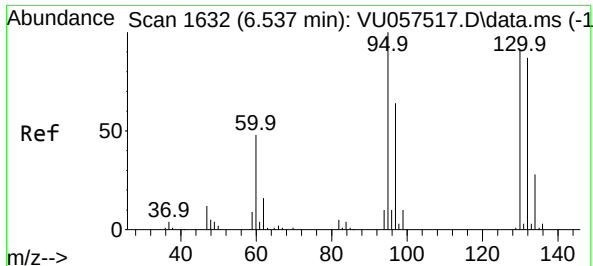
Tgt Ion:117 Resp: 138294
Ion Ratio Lower Upper
117 100
119 97.3 78.0 117.0



#33
Benzene
Concen: 4.532 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

Tgt Ion: 78 Resp: 420007

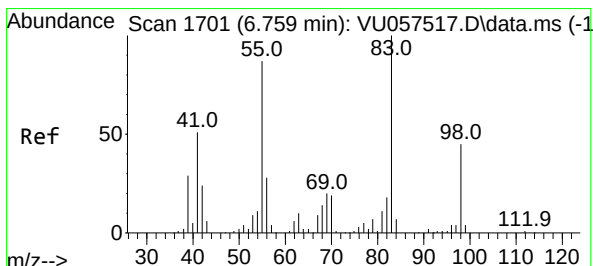
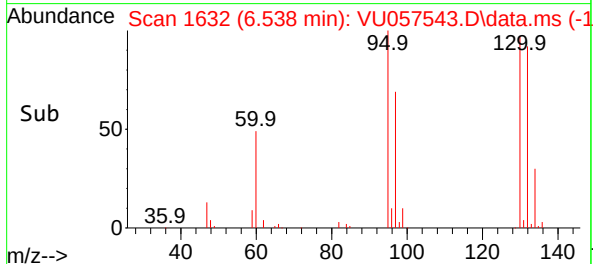
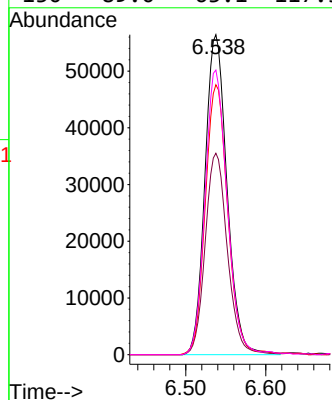
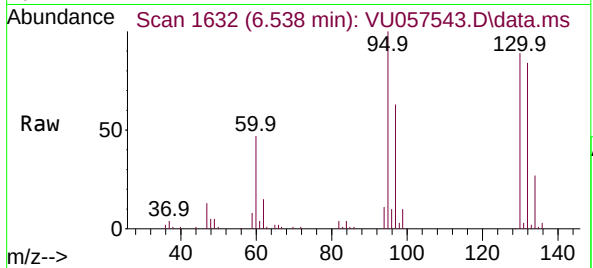




#34
Trichloroethene
Concen: 4.445 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

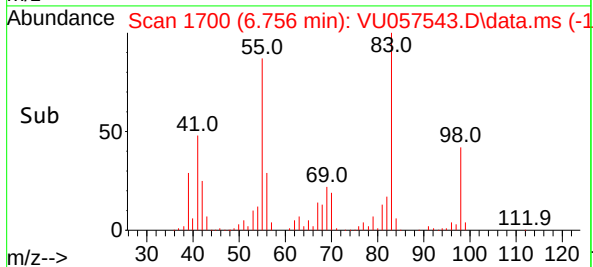
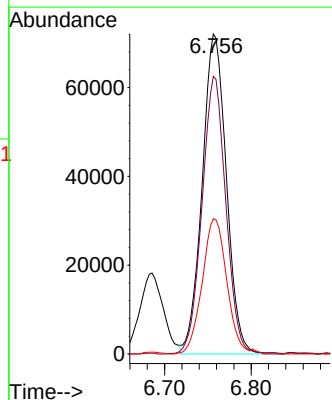
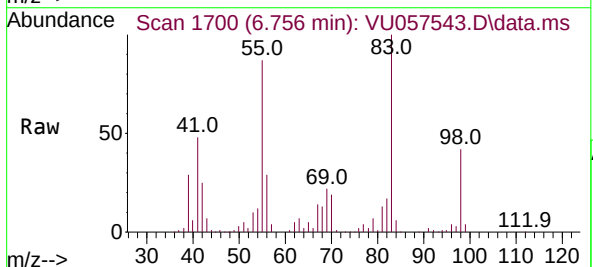
Instrument :
MSVOA_U
ClientSampleId :

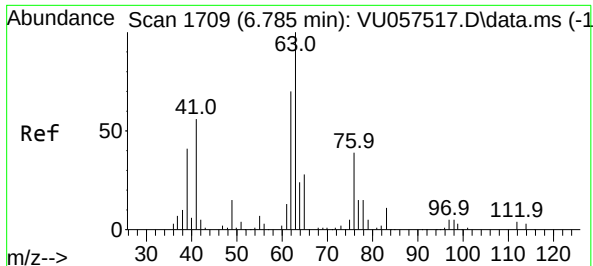
Tgt Ion: 95 Resp: 108214
Ion Ratio Lower Upper
95 100
97 62.9 45.0 83.6
132 84.3 61.7 114.5
130 89.0 63.1 117.3



#35
Methylcyclohexane
Concen: 4.325 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

Tgt Ion: 83 Resp: 139995
Ion Ratio Lower Upper
83 100
55 85.3 68.7 103.1
98 42.7 36.3 54.5

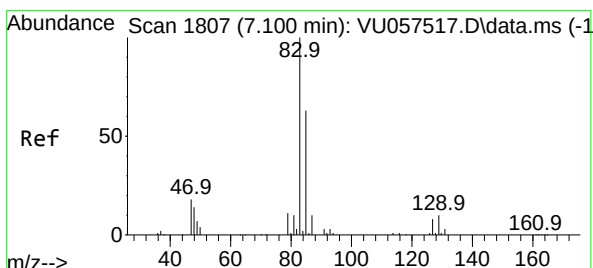
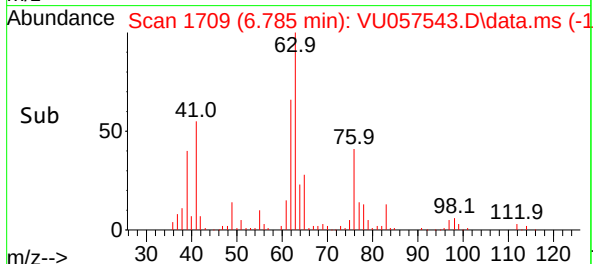
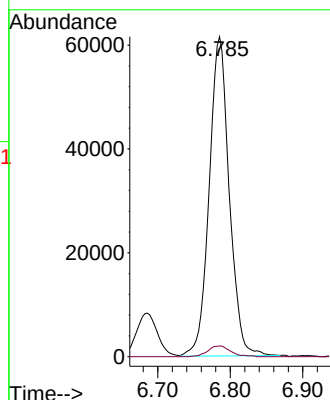
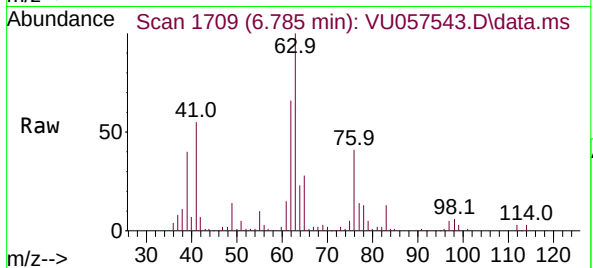




#37
1,2-Dichloropropane
Concen: 4.496 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

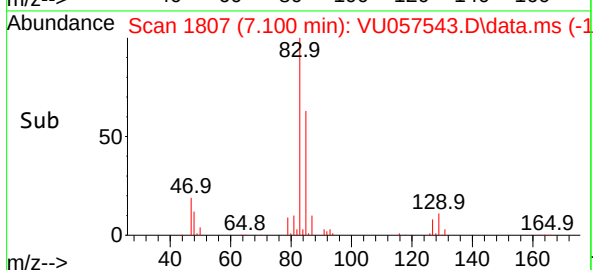
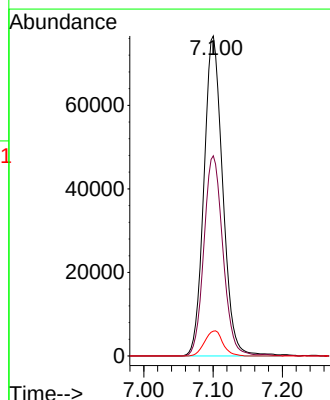
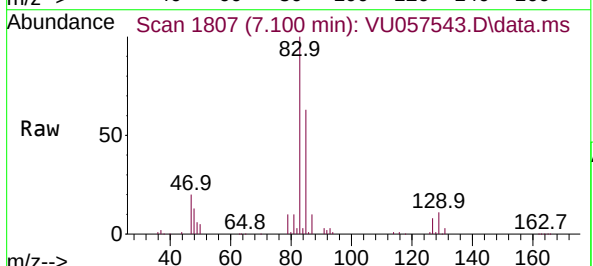
Instrument :
MSVOA_U
ClientSampleId :

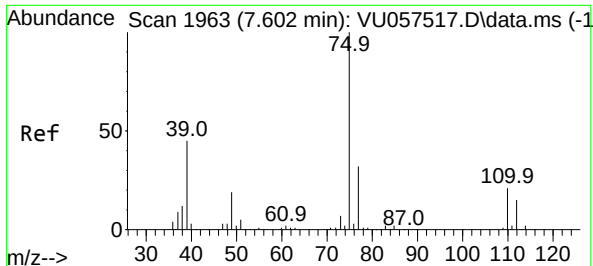
Tgt Ion: 63 Resp: 118177
Ion Ratio Lower Upper
63 100
112 3.9 2.7 4.1



#38
Bromodichloromethane
Concen: 4.553 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

Tgt Ion: 83 Resp: 144091
Ion Ratio Lower Upper
83 100
85 62.5 44.3 82.3
127 7.7 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 3.455 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU057543.D

Acq: 17 Jan 2024 13:04

Instrument :

MSVOA_U

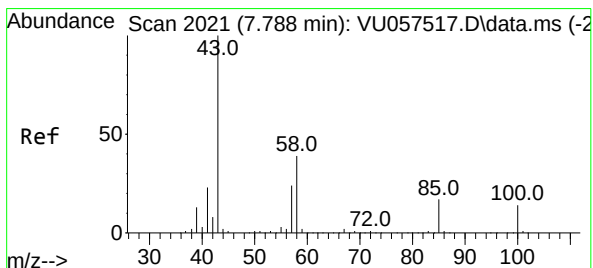
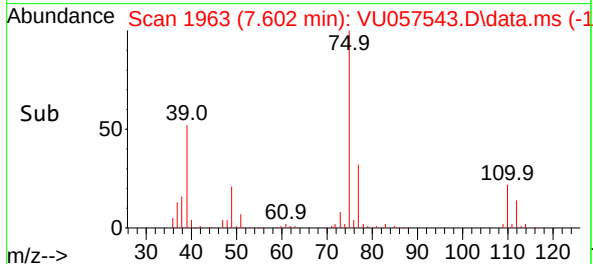
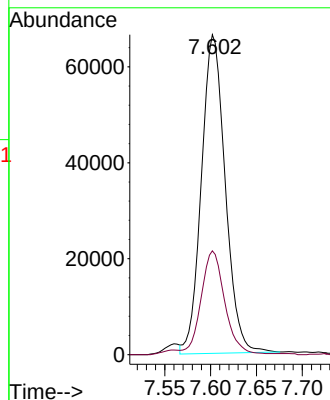
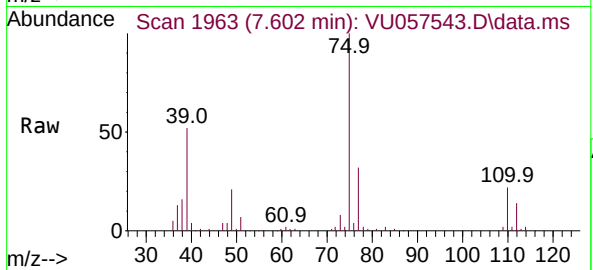
ClientSampleId :

Tgt Ion: 75 Resp: 120032

Ion Ratio Lower Upper

75 100

77 32.5 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 40.091 ug/L

RT: 7.792 min Scan# 2022

Delta R.T. 0.004 min

Lab File: VU057543.D

Acq: 17 Jan 2024 13:04

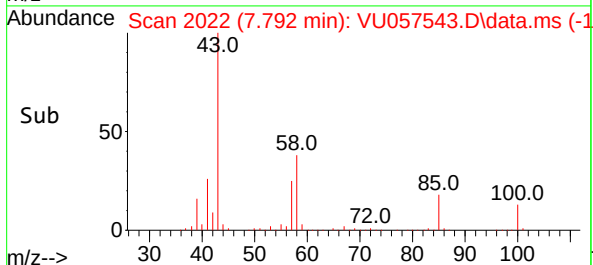
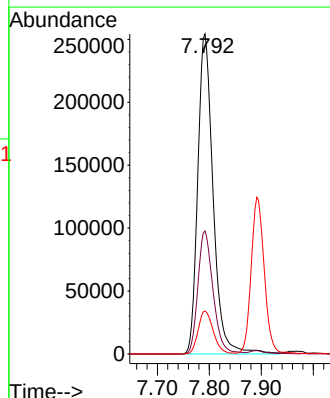
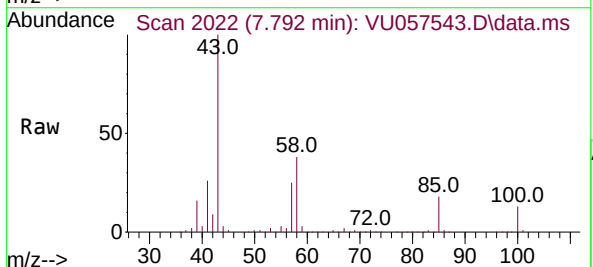
Tgt Ion: 43 Resp: 523126

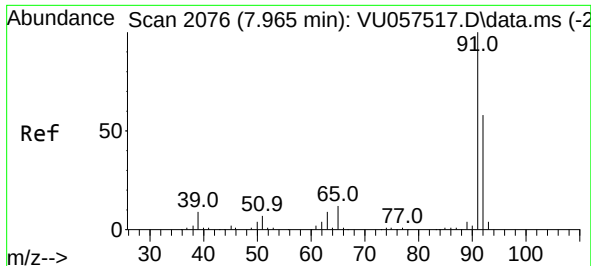
Ion Ratio Lower Upper

43 100

58 37.9 31.4 47.2

100 13.2 10.7 16.1





#42

Toluene

Concen: 4.037 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057543.D

Acq: 17 Jan 2024 13:04

Instrument :

MSVOA_U

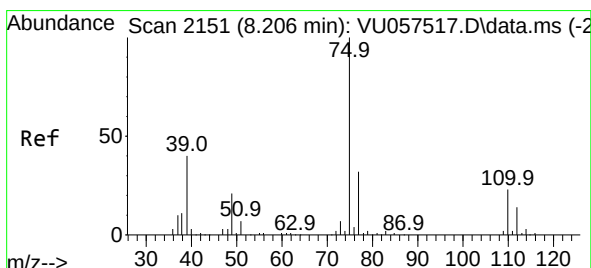
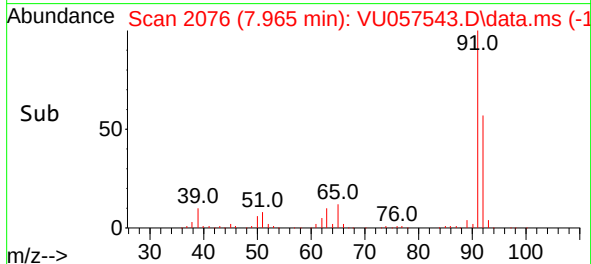
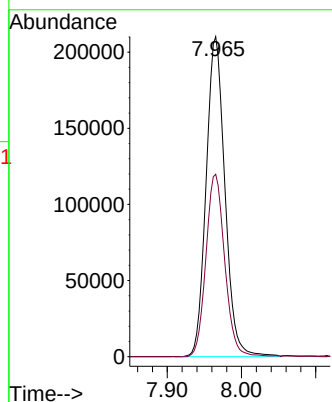
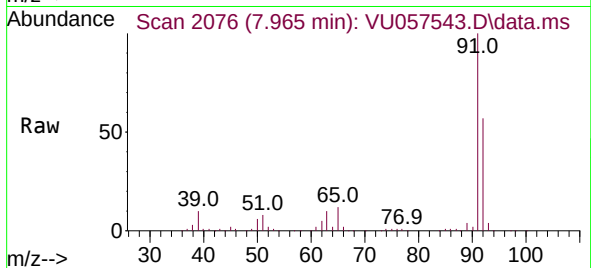
ClientSampleId :

Tgt Ion: 91 Resp: 368784

Ion Ratio Lower Upper

91 100

92 57.0 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 3.987 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU057543.D

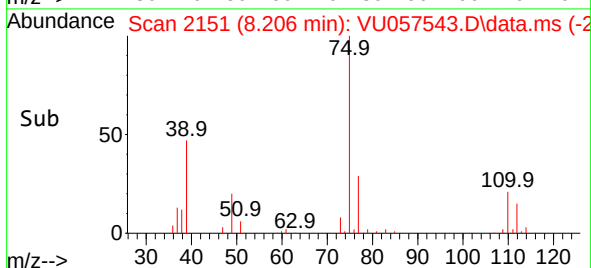
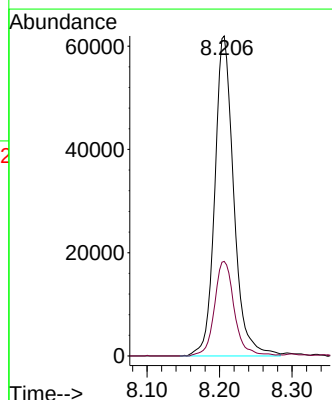
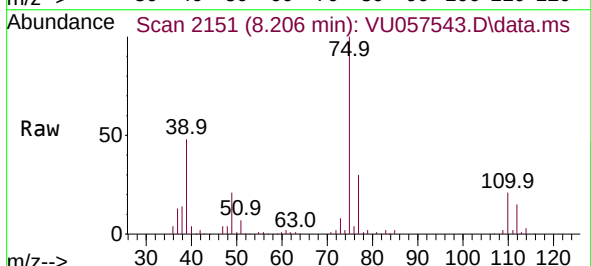
Acq: 17 Jan 2024 13:04

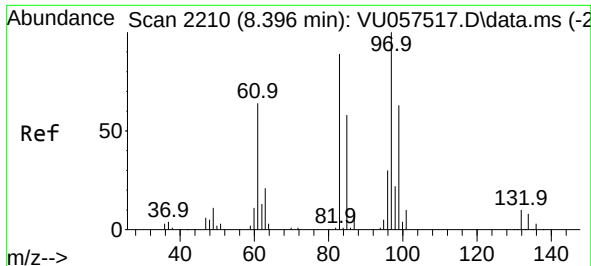
Tgt Ion: 75 Resp: 112754

Ion Ratio Lower Upper

75 100

77 29.5 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 4.187 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VU057543.D

Acq: 17 Jan 2024 13:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 70971

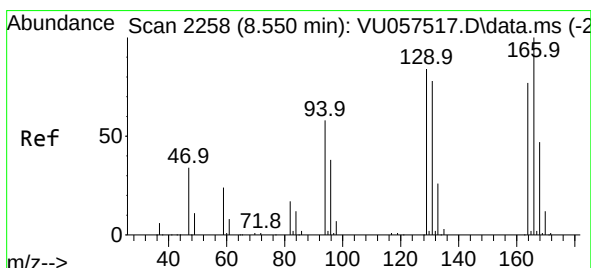
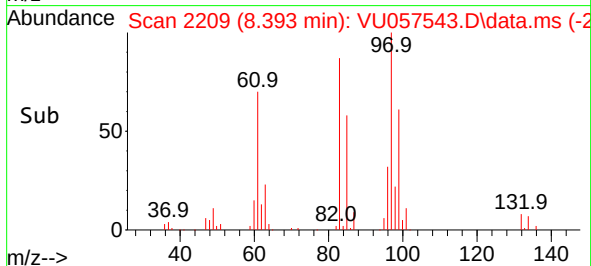
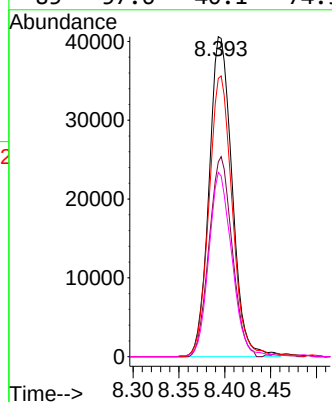
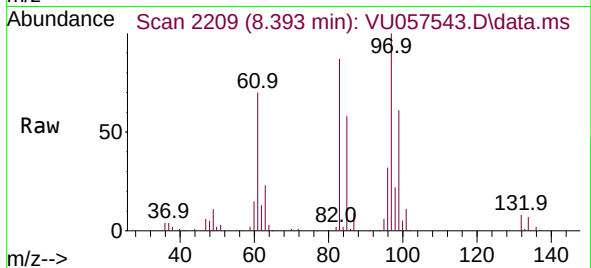
Ion Ratio Lower Upper

97 100

99 60.8 45.5 84.5

83 87.0 63.8 118.6

85 57.6 40.1 74.5



#47

Tetrachloroethene

Concen: 4.359 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU057543.D

Acq: 17 Jan 2024 13:04

Tgt Ion: 164 Resp: 70483

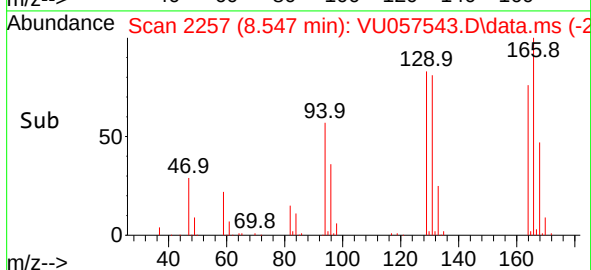
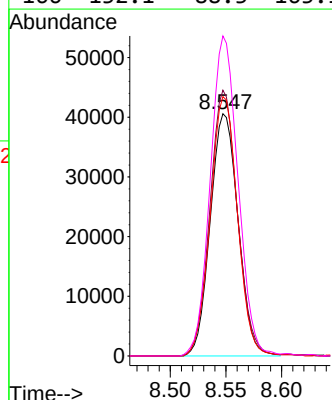
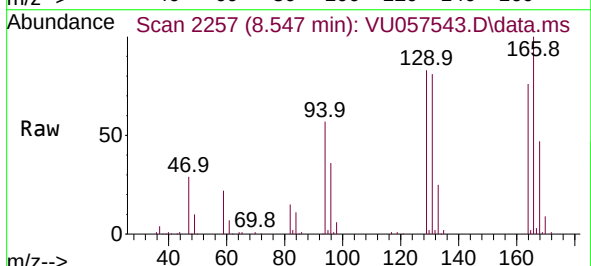
Ion Ratio Lower Upper

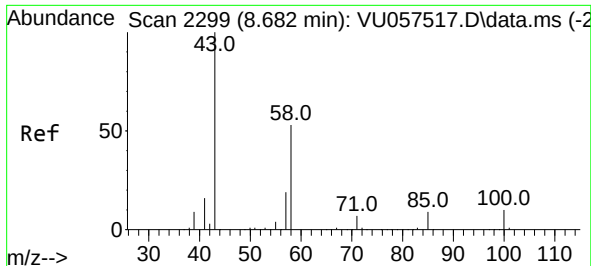
164 100

129 109.7 74.8 138.8

131 107.1 70.3 130.7

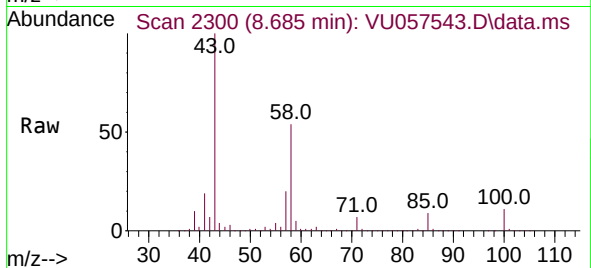
166 132.1 88.3 163.9



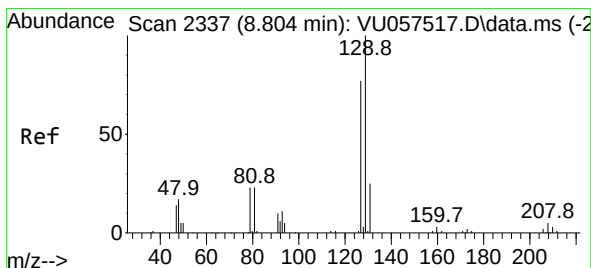
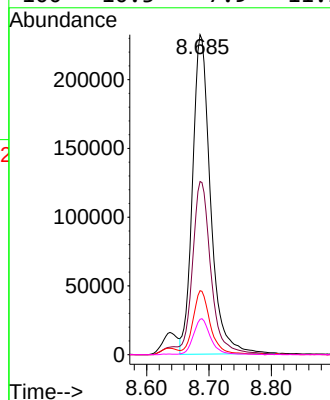
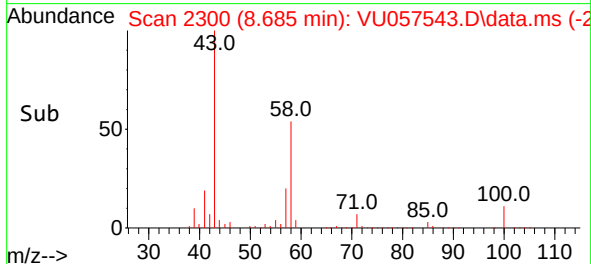


#48
2-Hexanone
Concen: 48.811 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

Instrument :
MSVOA_U
ClientSampleId :

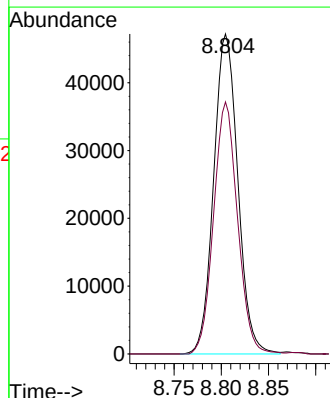
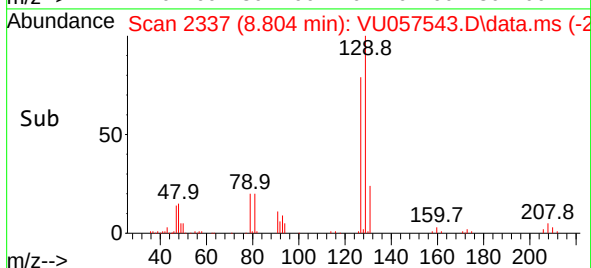
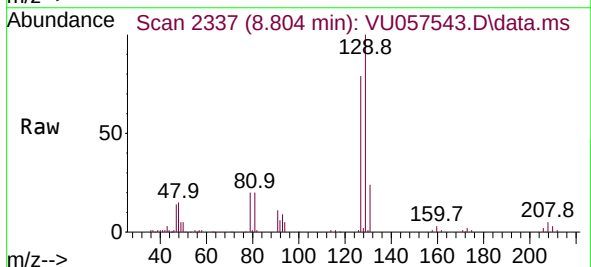


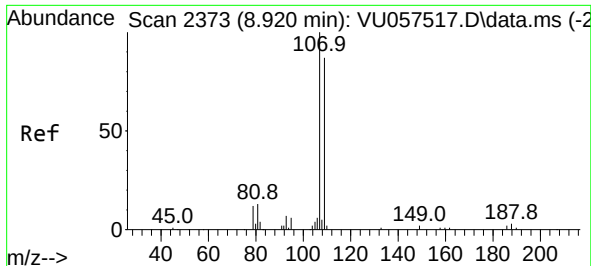
Tgt Ion: 43 Resp: 465131
Ion Ratio Lower Upper
43 100
58 57.7 43.1 64.7
57 19.1 15.5 23.3
100 10.3 7.9 11.9



#49
Dibromochloromethane
Concen: 4.613 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

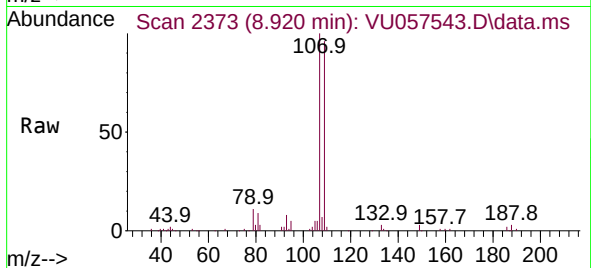
Tgt Ion: 129 Resp: 83902
Ion Ratio Lower Upper
129 100
127 78.8 54.7 101.7



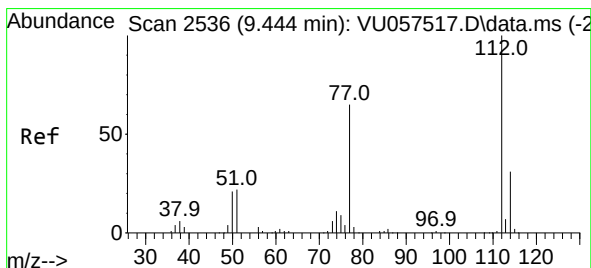
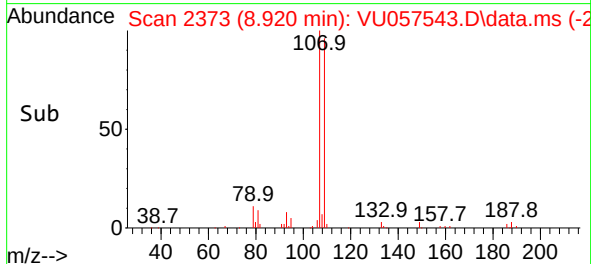
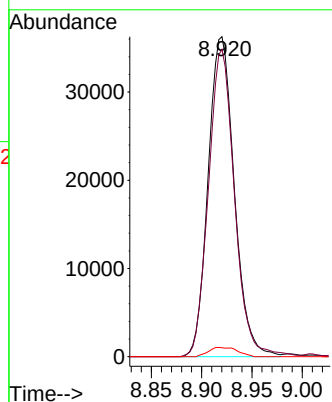


#50
1,2-Dibromoethane
Concen: 4.696 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

Instrument :
MSVOA_U
ClientSampled :

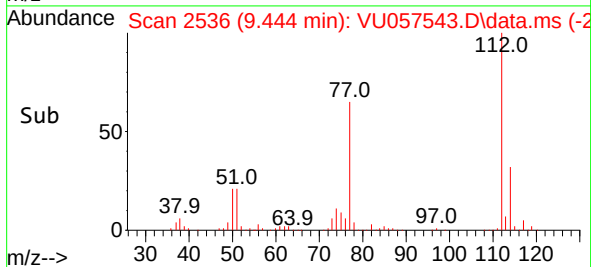
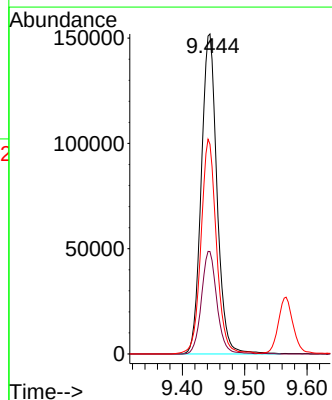
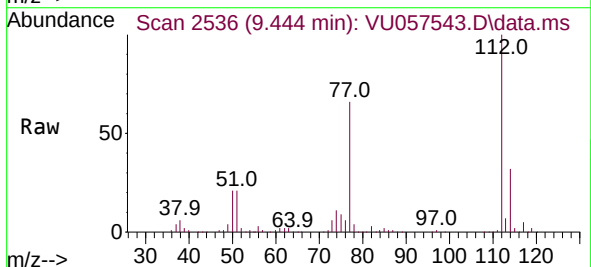


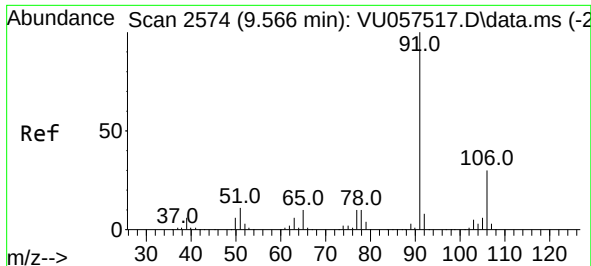
Tgt Ion:107 Resp: 65599
Ion Ratio Lower Upper
107 100
109 96.0 67.1 124.7
188 2.8 3.0 4.4#



#51
Chlorobenzene
Concen: 4.631 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

Tgt Ion:112 Resp: 266707
Ion Ratio Lower Upper
112 100
114 32.0 22.0 40.8
77 65.6 53.4 80.0

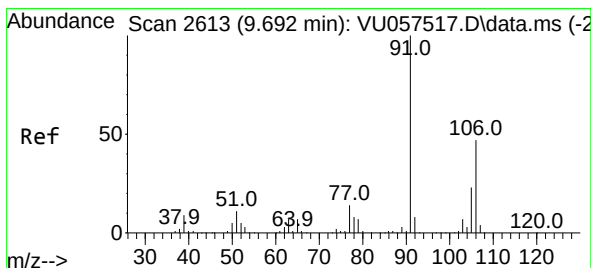
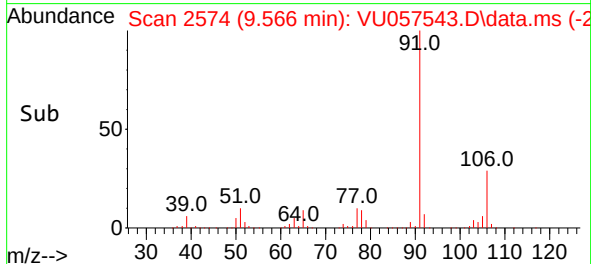
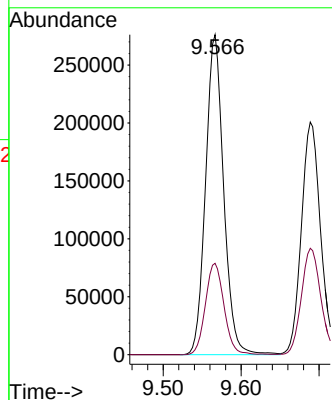
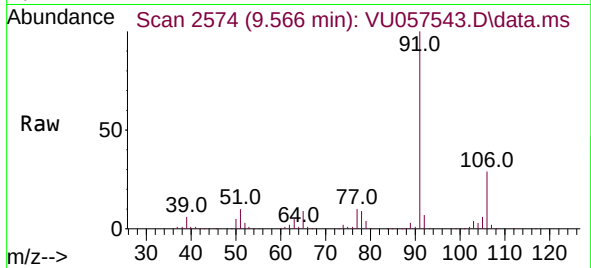




#52
Ethylbenzene
Concen: 4.735 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

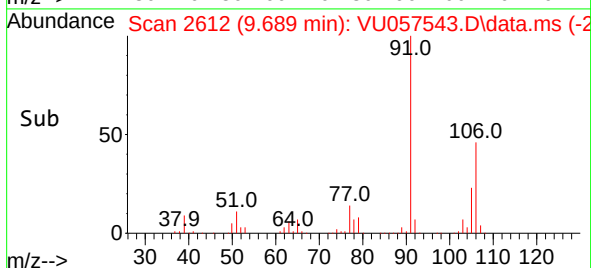
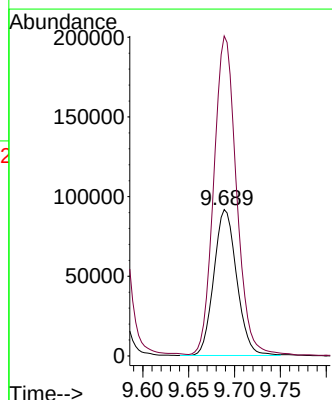
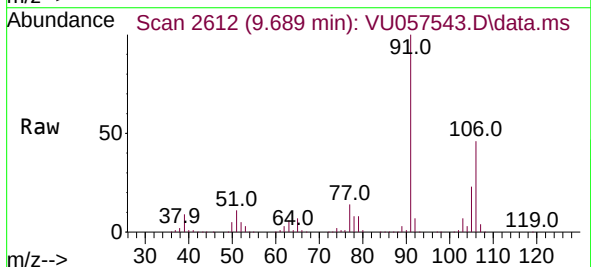
Instrument :
MSVOA_U
ClientSampleId :

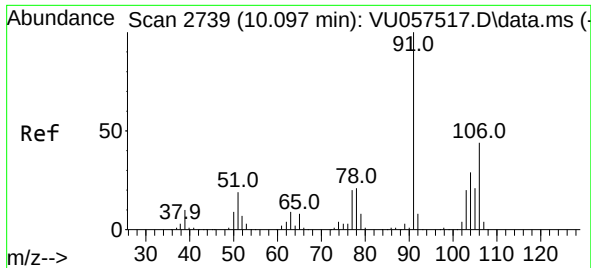
Tgt Ion: 91 Resp: 444830
Ion Ratio Lower Upper
91 100
106 28.6 20.5 38.1



#53
m,p-Xylene
Concen: 4.698 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

Tgt Ion:106 Resp: 159007
Ion Ratio Lower Upper
106 100
91 218.6 153.4 285.0

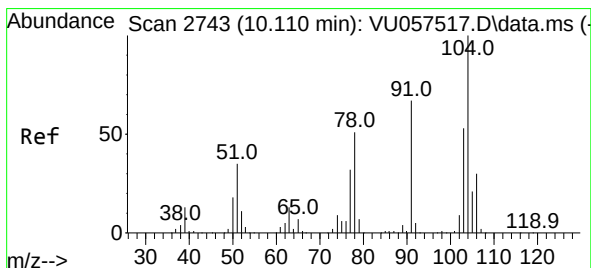
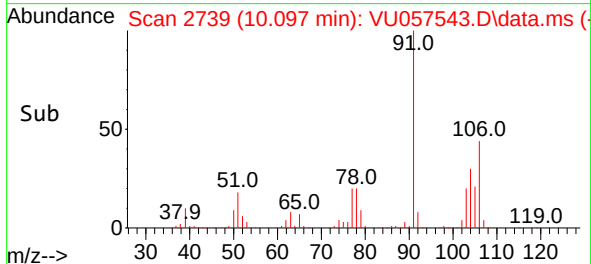
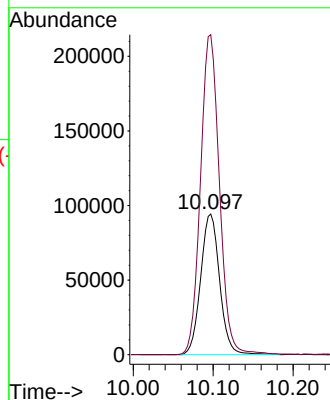
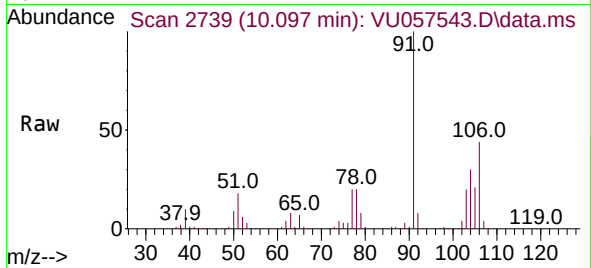




#54
o-Xylene
Concen: 4.798 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

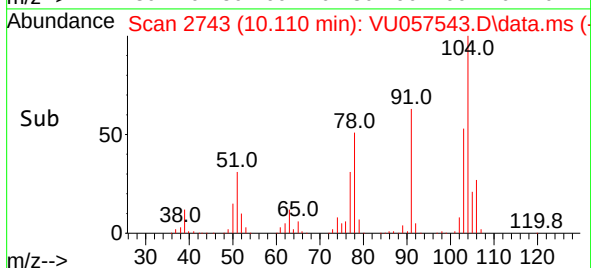
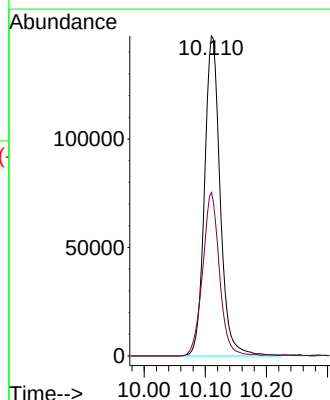
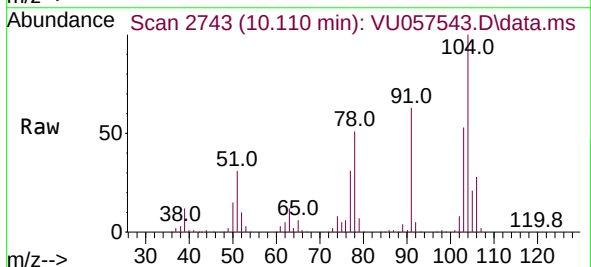
Instrument :
MSVOA_U
ClientSampleId :

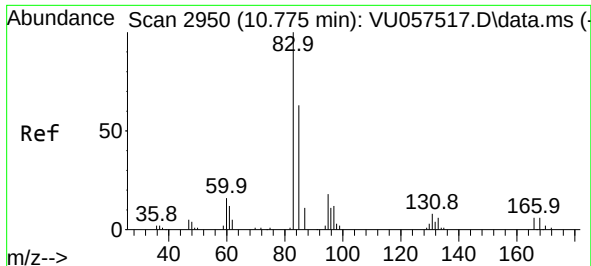
Tgt Ion:106 Resp: 155804
Ion Ratio Lower Upper
106 100
91 227.4 165.1 306.5



#55
Styrene
Concen: 4.909 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

Tgt Ion:104 Resp: 262493
Ion Ratio Lower Upper
104 100
78 51.1 35.1 65.3





#57

1,1,2,2-Tetrachloroethane

Concen: 4.887 ug/L

RT: 10.779 min Scan# 2950

Delta R.T. 0.004 min

Lab File: VU057543.D

Acq: 17 Jan 2024 13:04

Instrument :

MSVOA_U

ClientSampleId :

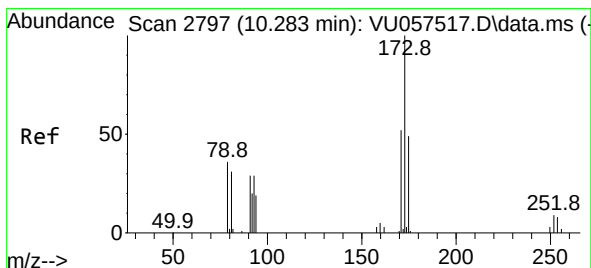
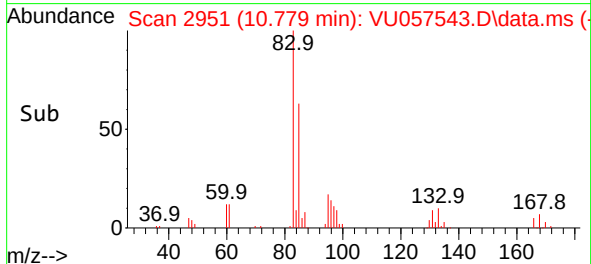
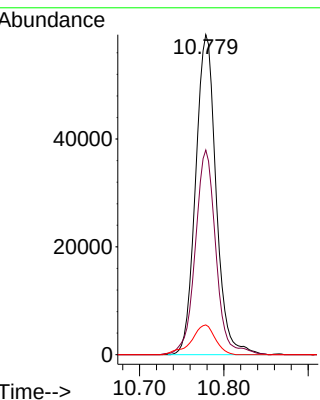
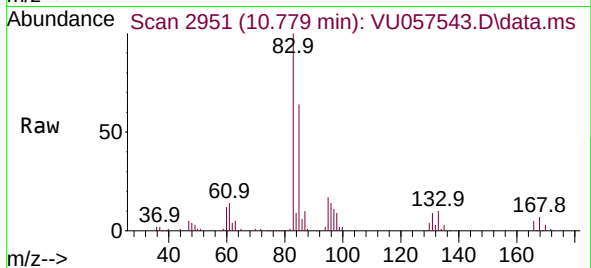
Tgt Ion: 83 Resp: 100429

Ion Ratio Lower Upper

83 100

85 63.9 45.1 83.9

131 9.3 6.7 10.1



#59

Bromoform

Concen: 5.744 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU057543.D

Acq: 17 Jan 2024 13:04

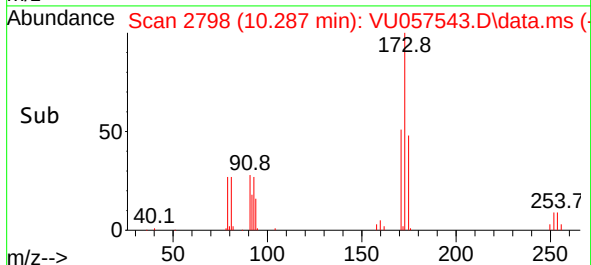
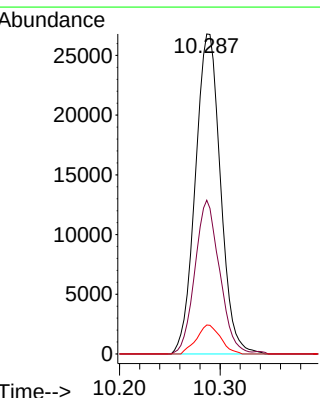
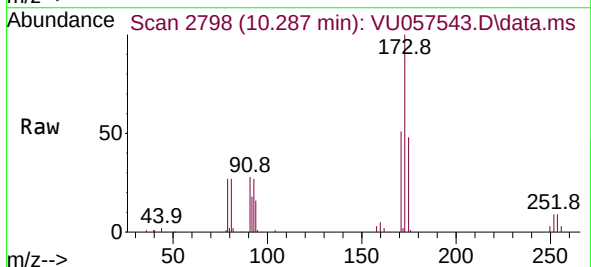
Tgt Ion:173 Resp: 46516

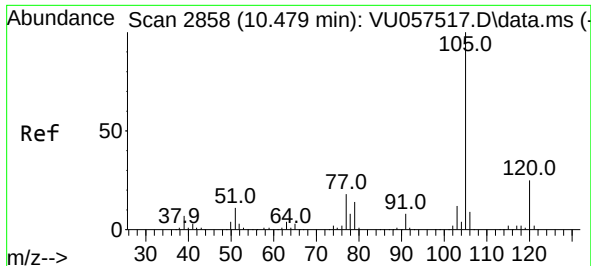
Ion Ratio Lower Upper

173 100

175 47.2 38.3 57.5

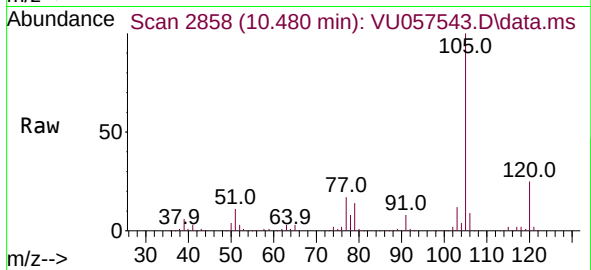
254 8.6 6.6 9.8



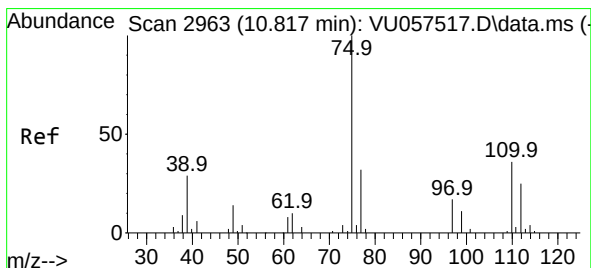
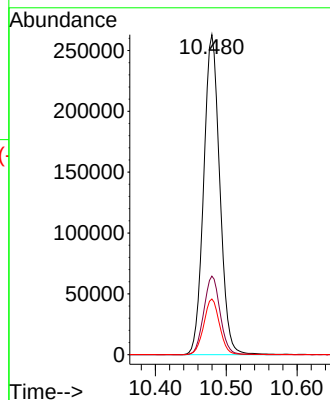
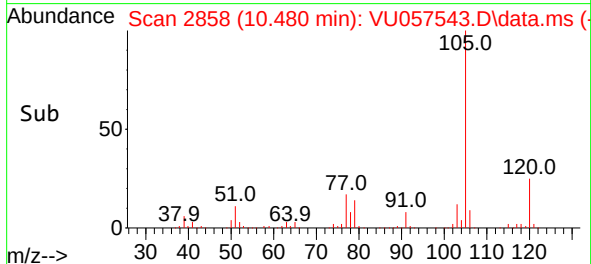


#60
Isopropylbenzene
Concen: 5.722 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

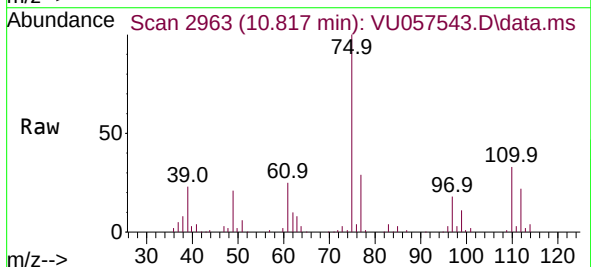
Instrument :
MSVOA_U
ClientSampleId :



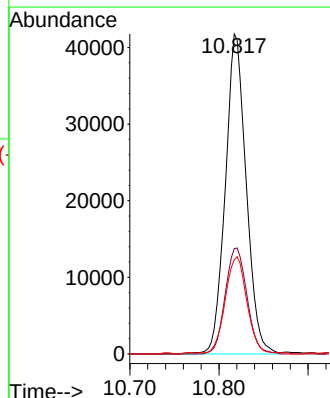
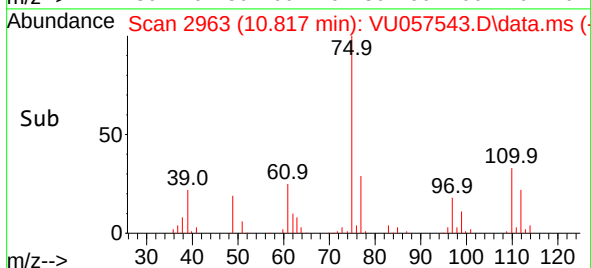
Tgt Ion:105 Resp: 414102
Ion Ratio Lower Upper
105 100
120 24.9 19.4 29.2
77 17.2 14.4 21.6

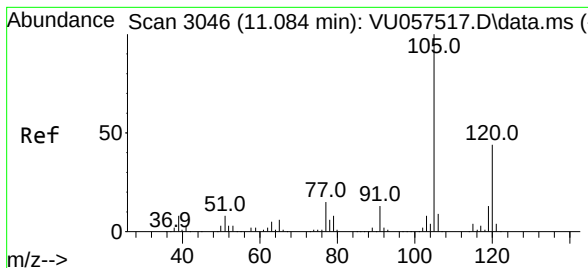


#61
1,2,3-Trichloropropane
Concen: 5.840 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04



Tgt Ion: 75 Resp: 67997
Ion Ratio Lower Upper
75 100
110 34.4 29.4 44.0
77 32.0 26.2 39.4

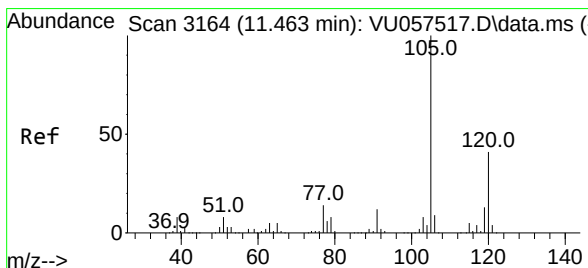
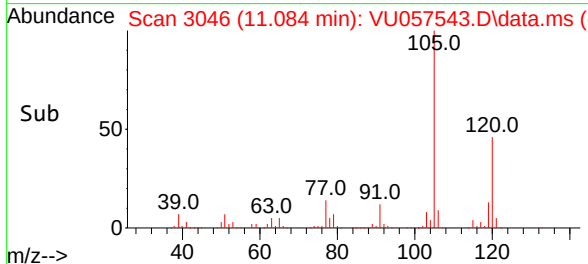
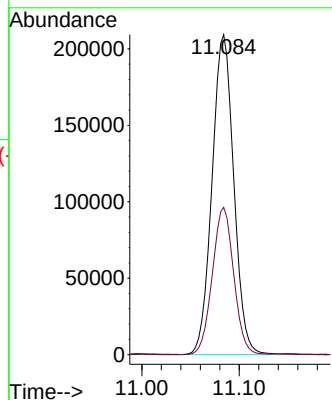
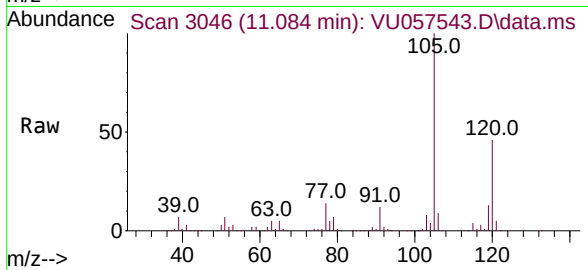




#62
1,3,5-Trimethylbenzene
Concen: 5.668 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

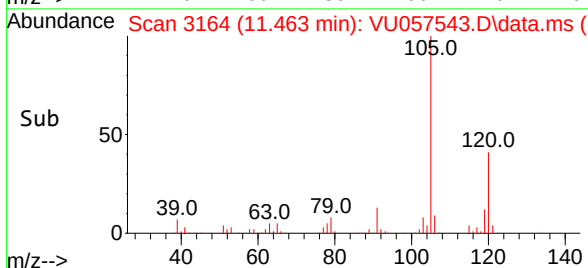
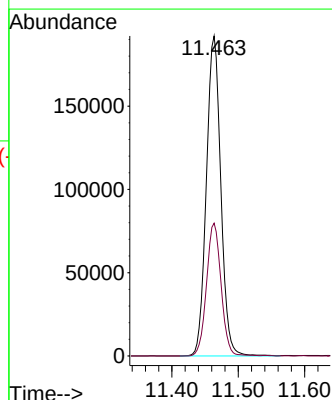
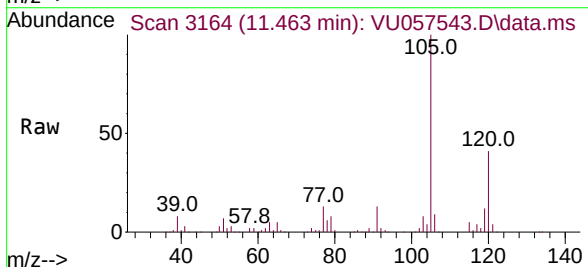
Instrument :
MSVOA_U
ClientSampleId :

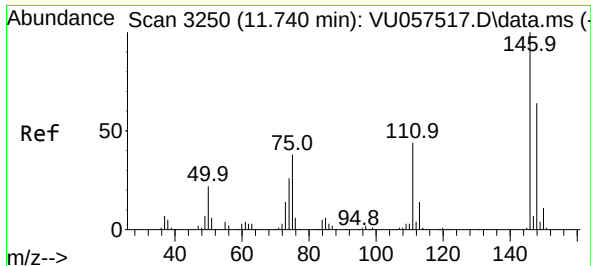
Tgt Ion:105 Resp: 323425
Ion Ratio Lower Upper
105 100
120 45.7 37.0 55.6



#63
1,2,4-Trimethylbenzene
Concen: 5.089 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

Tgt Ion:105 Resp: 290706
Ion Ratio Lower Upper
105 100
120 41.8 33.8 50.8

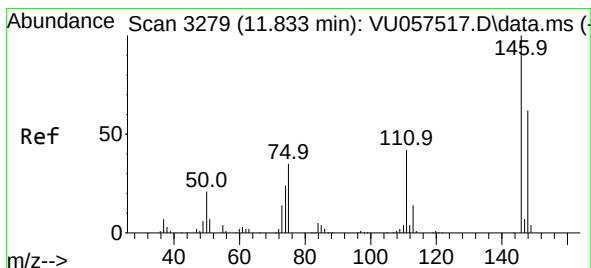
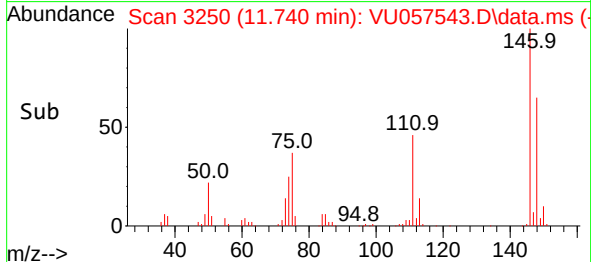
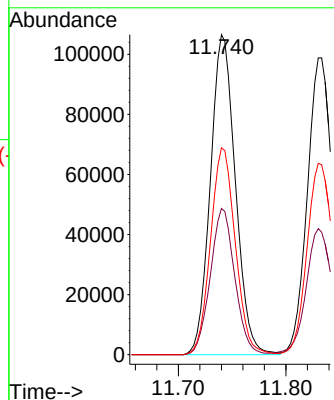
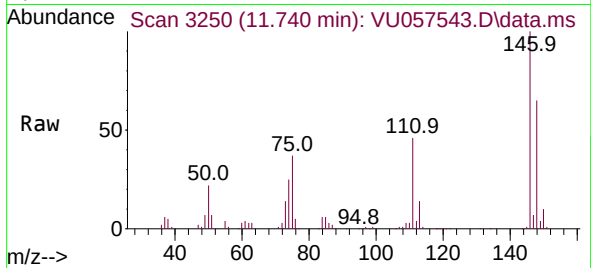




#64
1,3-Dichlorobenzene
Concen: 4.882 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

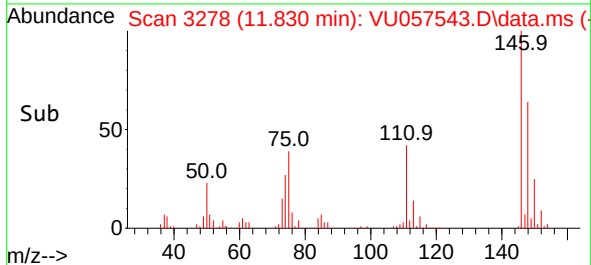
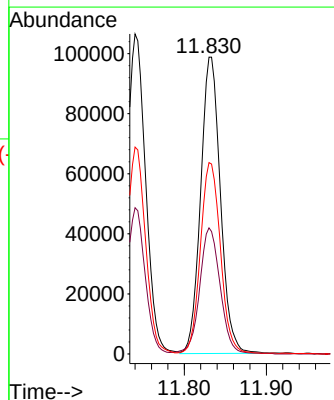
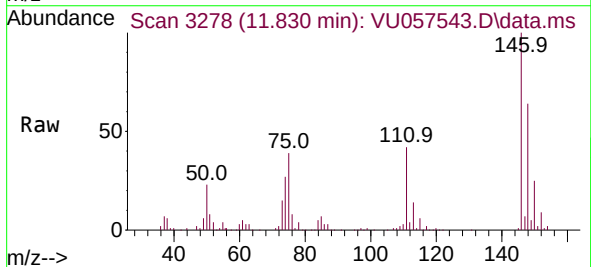
Instrument :
MSVOA_U
ClientSampleId :

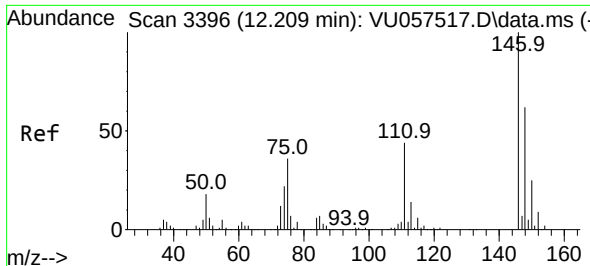
Tgt Ion:146 Resp: 171997
Ion Ratio Lower Upper
146 100
111 45.7 31.1 57.9
148 64.6 43.2 80.2



#65
1,4-Dichlorobenzene
Concen: 4.727 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU057543.D
Acq: 17 Jan 2024 13:04

Tgt Ion:146 Resp: 165314
Ion Ratio Lower Upper
146 100
111 42.5 30.3 56.3
148 64.5 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.542 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU057543.D

Acq: 17 Jan 2024 13:04

Instrument :

MSVOA_U

ClientSampleId :

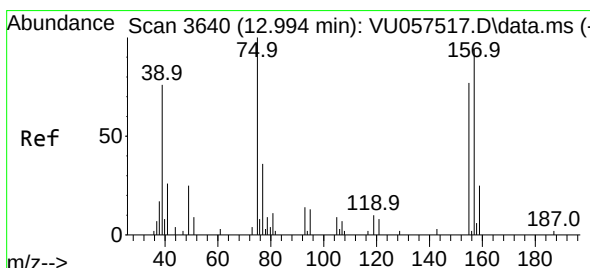
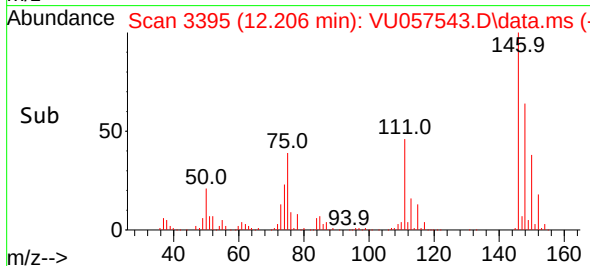
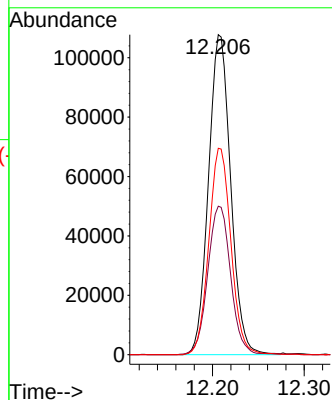
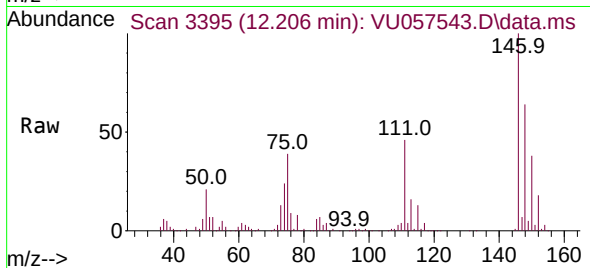
Tgt Ion:146 Resp: 180850

Ion Ratio Lower Upper

146 100

111 46.4 36.2 54.4

148 64.5 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.091 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU057543.D

Acq: 17 Jan 2024 13:04

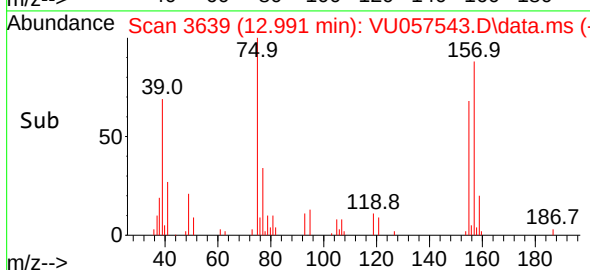
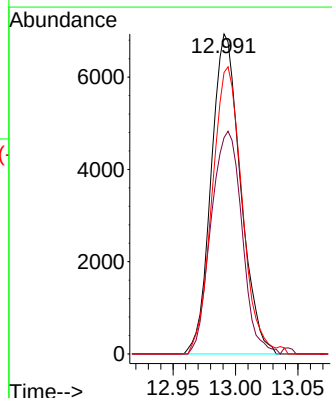
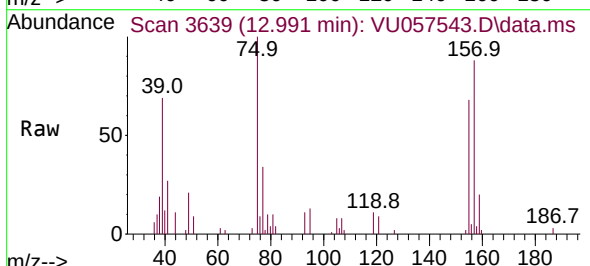
Tgt Ion: 75 Resp: 11371

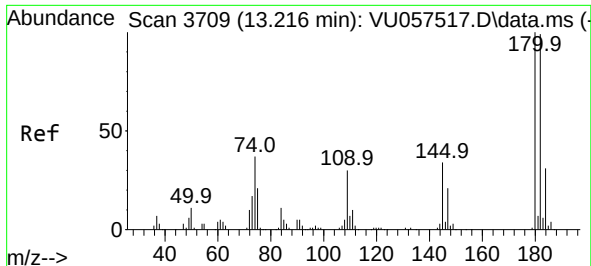
Ion Ratio Lower Upper

75 100

155 67.6 55.4 83.0

157 88.0 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 5.711 ug/L

RT: 13.213 min Scan# 3709

Delta R.T. 0.000 min

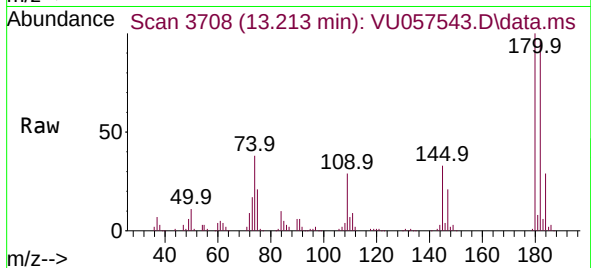
Lab File: VU057543.D

Acq: 17 Jan 2024 13:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 134870

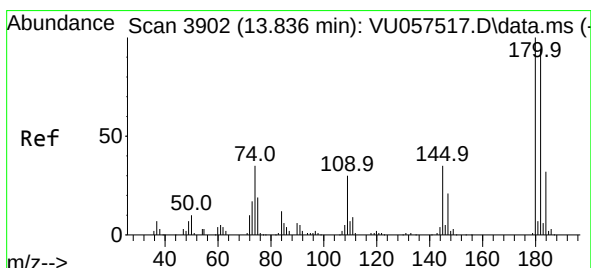
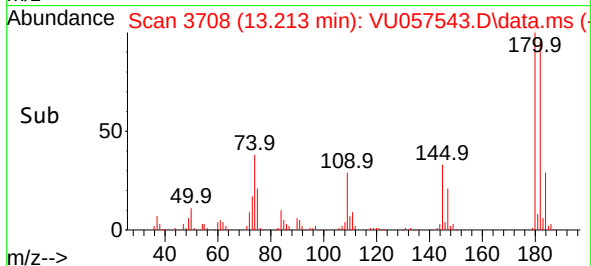
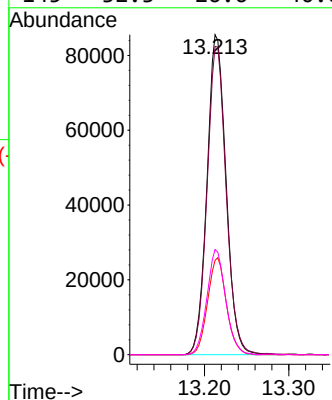
Ion Ratio Lower Upper

180 100

182 96.6 76.6 115.0

184 29.8 24.6 37.0

145 32.3 26.6 40.0



#70

1,2,4-trichlorobenzene

Concen: 5.664 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU057543.D

Acq: 17 Jan 2024 13:04

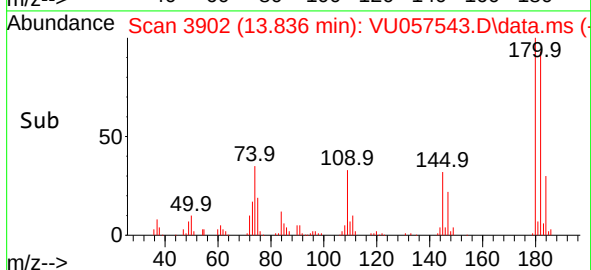
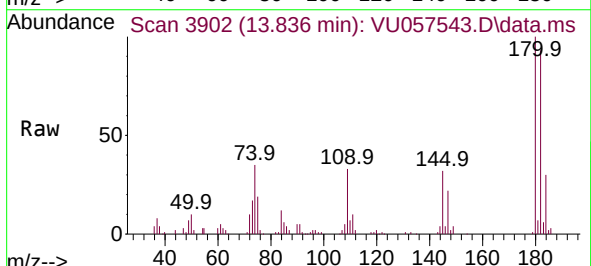
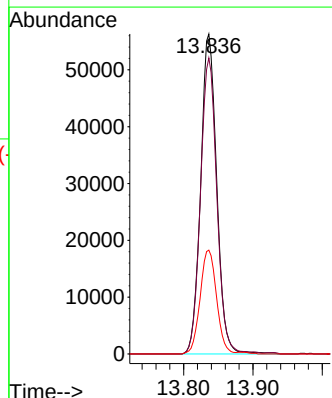
Tgt Ion:180 Resp: 90575

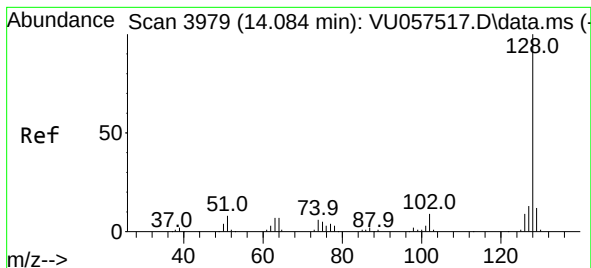
Ion Ratio Lower Upper

180 100

182 94.4 77.1 115.7

145 33.2 27.6 41.4





#71

Naphthalene

Concen: 5.382 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU057543.D

Acq: 17 Jan 2024 13:04

Instrument :

MSVOA_U

ClientSampleId :

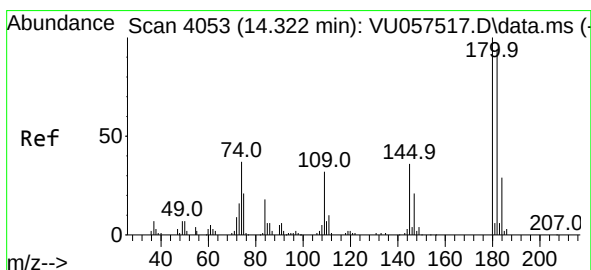
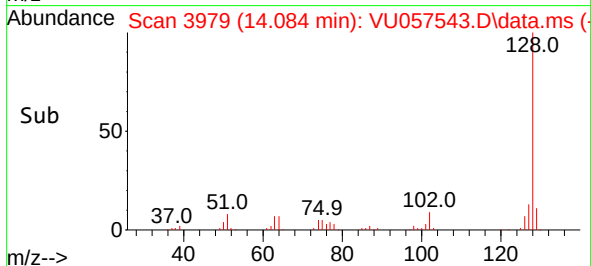
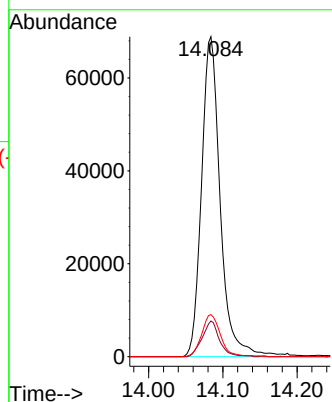
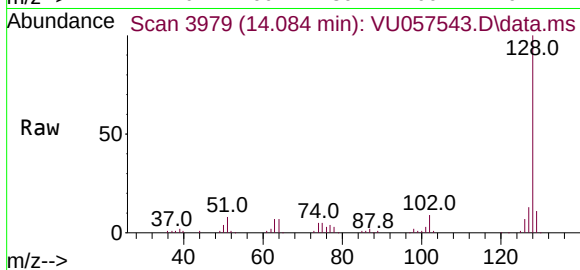
Tgt Ion:128 Resp: 120342

Ion Ratio Lower Upper

128 100

129 10.3 8.5 12.7

127 13.1 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 5.821 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU057543.D

Acq: 17 Jan 2024 13:04

Tgt Ion:180 Resp: 76233

Ion Ratio Lower Upper

180 100

182 95.4 77.0 115.6

145 36.3 30.0 45.0

