

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011724\
 Data File : VU057544.D
 Acq On : 17 Jan 2024 13:40
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 01:05:23 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	297185	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	295065	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	117084	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	123179	4.085	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.914	69	110030	4.690	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.563	65	54986	4.313	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	4.644	46	323928	56.797	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.600%
24) Chloroform-d	5.055	84	267882	5.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.695	65	133643	5.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.721	84	496133	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.685	67	160407	4.781	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.891	98	336954	3.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	8.174	79	52081	4.465	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.631	63	214097	50.690	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.380%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	116196	5.127	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	109097	4.640	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	102234	5.214	ug/L	99
3) Chloromethane	1.518	50	112831	4.481	ug/L	98
5) Vinyl chloride	1.602	62	115213	5.139	ug/L	100
6) Bromomethane	1.856	94	58677	4.494	ug/L	95
8) Chloroethane	1.933	64	74191	5.307	ug/L	99
9) Trichlorofluoromethane	2.136	101	167319	5.458	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	108948	5.555	ug/L	99
12) 1,1-Dichloroethene	2.576	96	91723	5.283	ug/L	96
13) Acetone	2.676	43	175422	51.165	ug/L	96
14) Carbon disulfide	2.792	76	243637	5.022	ug/L	99
15) Methyl Acetate	2.962	43	38356	4.949	ug/L	100
16) Methylene chloride	3.042	84	113829	4.848	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	222594	5.168	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	92962	5.394	ug/L	97
19) 1,1-Dichloroethane	3.862	63	212091	5.454	ug/L	99
21) 2-Butanone	4.724	43	266544	54.958	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	107268	5.346	ug/L	94
23) Bromochloromethane	4.972	128	45860	5.324	ug/L	99
25) Chloroform	5.081	83	217564	5.395	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011724\
 Data File : VU057544.D
 Acq On : 17 Jan 2024 13:40
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 01:05:23 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

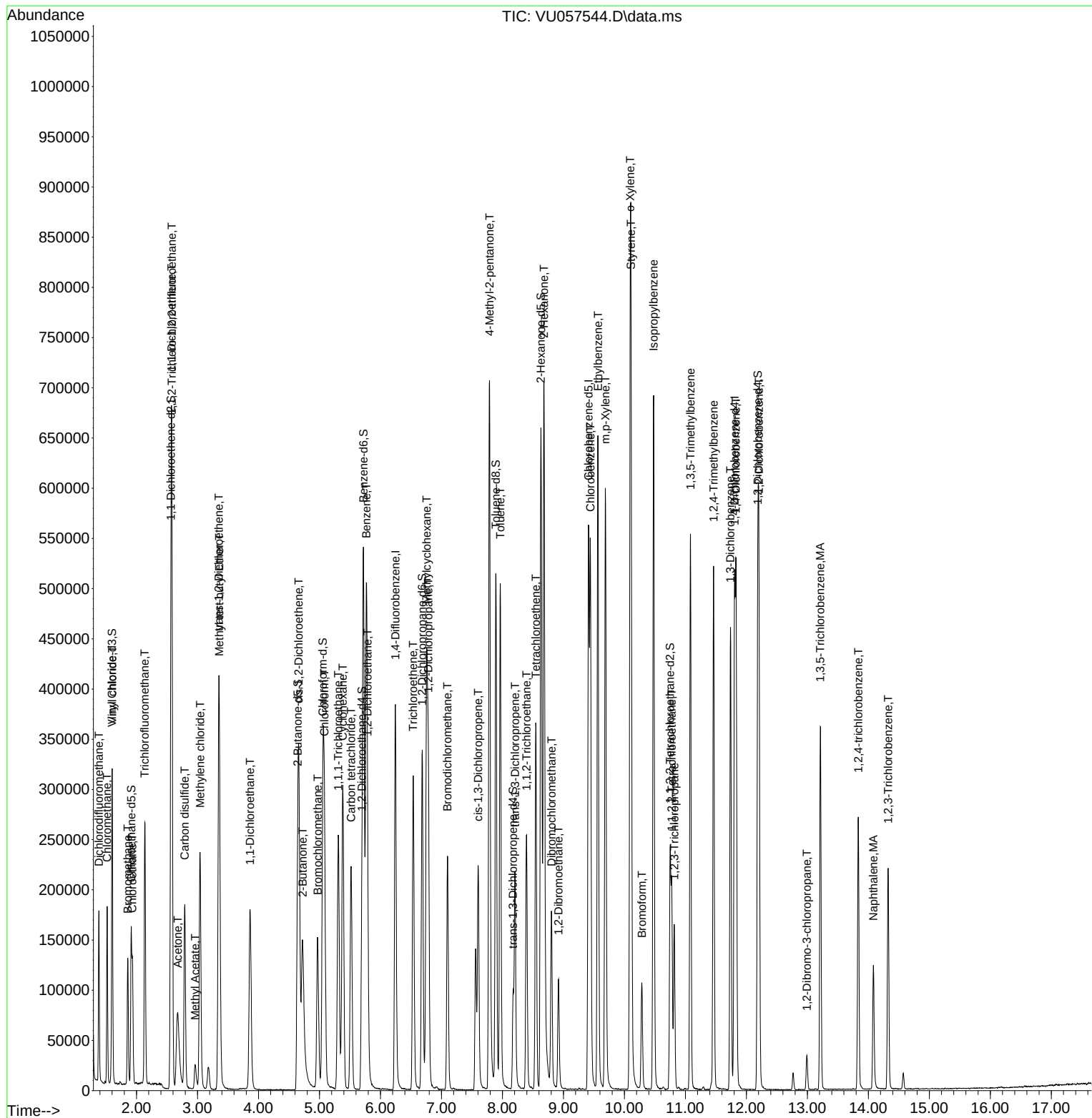
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	131912	5.432	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	185517	5.096	ug/L	99
30) Cyclohexane	5.383	56	142177	4.802	ug/L	99
31) Carbon tetrachloride	5.518	117	152764	5.082	ug/L	99
33) Benzene	5.769	78	437746	5.049	ug/L	100
34) Trichloroethene	6.537	95	113837	4.999	ug/L	97
35) Methylcyclohexane	6.759	83	146978	4.854	ug/L	98
37) 1,2-Dichloropropane	6.785	63	122363	4.977	ug/L	99
38) Bromodichloromethane	7.100	83	152508	5.152	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	136483	4.199	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	482419	39.524	ug/L	98
42) Toluene	7.965	91	356119	4.168	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	121567	4.595	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	80008	5.046	ug/L	97
47) Tetrachloroethene	8.547	164	73913	4.887	ug/L	96
48) 2-Hexanone	8.682	43	470086	52.737	ug/L	98
49) Dibromochloromethane	8.804	129	88041	5.175	ug/L	99
50) 1,2-Dibromoethane	8.920	107	70447	5.392	ug/L	99
51) Chlorobenzene	9.444	112	274072	5.088	ug/L	99
52) Ethylbenzene	9.566	91	457810	5.209	ug/L	100
53) m,p-Xylene	9.688	106	168954	5.337	ug/L	99
54) o-Xylene	10.097	106	159740	5.259	ug/L	96
55) Styrene	10.110	104	265872	5.315	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	98654	5.132	ug/L	98
59) Bromoform	10.287	173	46639	6.120	ug/L	97
60) Isopropylbenzene	10.479	105	431910	6.342	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	67763	6.185	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	286914	5.344	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	270054	5.024	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	169915	5.126	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	178177	5.414	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	167291	5.449	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	9375	4.461	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	103088	4.639	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	72514	4.819	ug/L	100
71) Naphthalene	14.084	128	97474	4.633	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	63014	5.114	ug/L	98

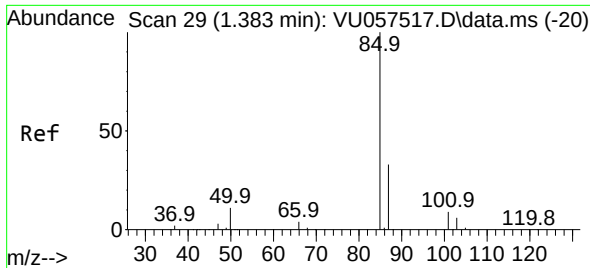
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011724\
Data File : VU057544.D
Acq On : 17 Jan 2024 13:40
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 18 01:05:23 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

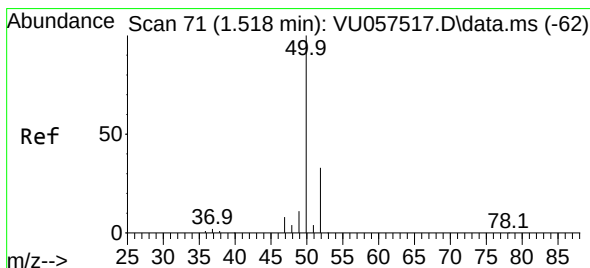
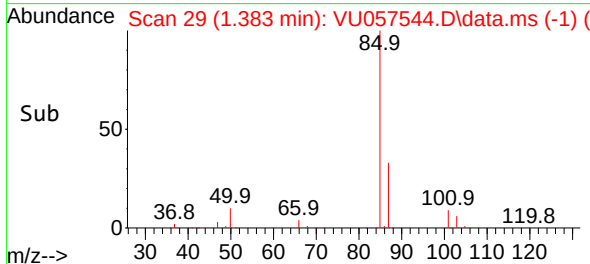
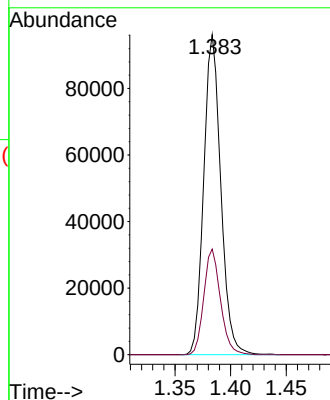
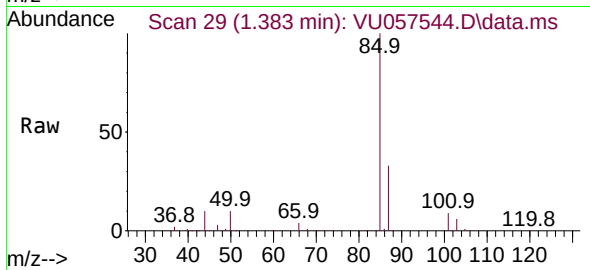




#2
Dichlorodifluoromethane
Concen: 5.214 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

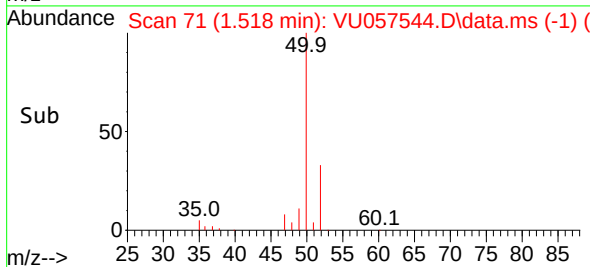
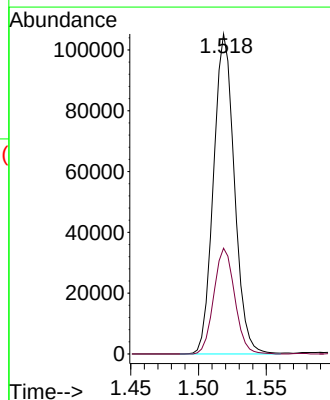
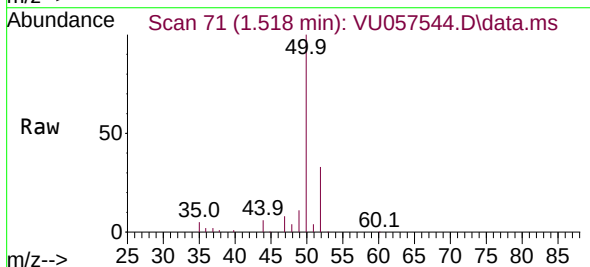
Instrument :
MSVOA_U
ClientSampleId :

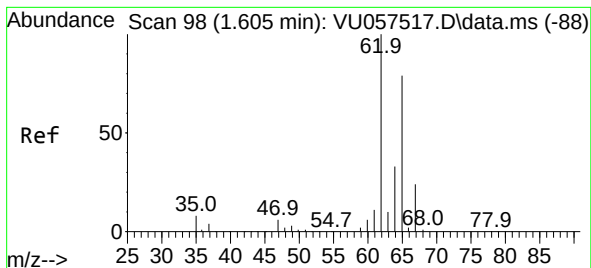
Tgt Ion: 85 Resp: 102234
Ion Ratio Lower Upper
85 100
87 32.2 26.2 39.4



#3
Chloromethane
Concen: 4.481 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

Tgt Ion: 50 Resp: 112831
Ion Ratio Lower Upper
50 100
52 33.0 24.1 44.7





#5

Vinyl chloride

Concen: 5.139 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.003 min

Lab File: VU057544.D

Acq: 17 Jan 2024 13:40

Instrument :

MSVOA_U

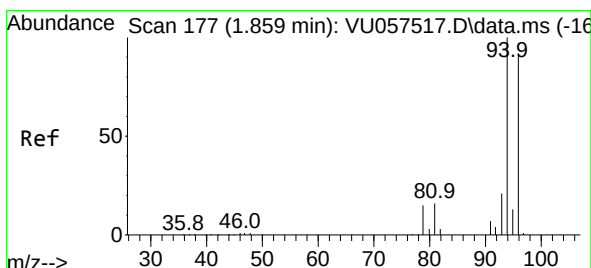
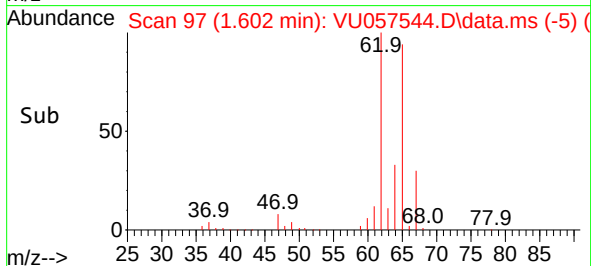
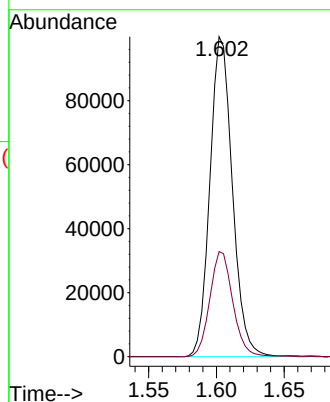
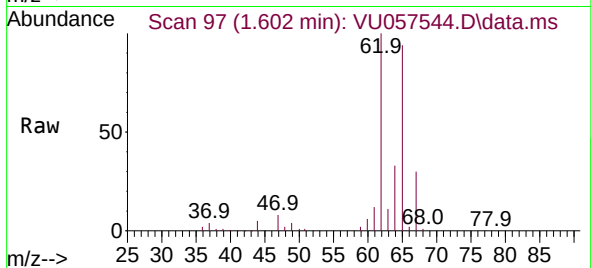
ClientSampleId :

Tgt Ion: 62 Resp: 115213

Ion Ratio Lower Upper

62 100

64 32.9 22.9 42.5



#6

Bromomethane

Concen: 4.494 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU057544.D

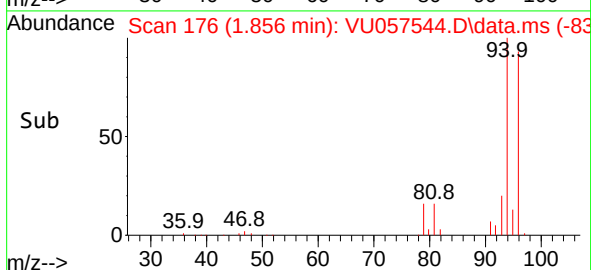
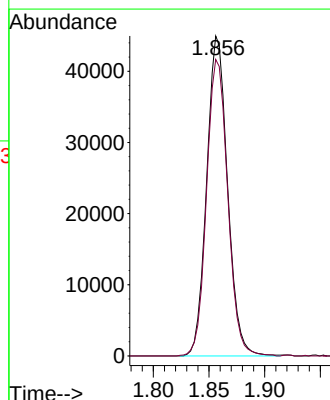
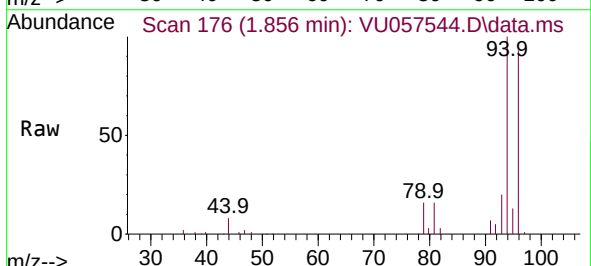
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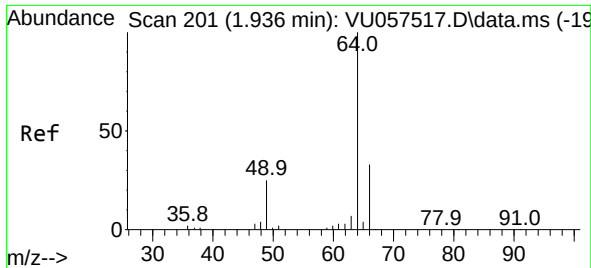
Tgt Ion: 94 Resp: 58677

Ion Ratio Lower Upper

94 100

96 92.7 68.0 126.2

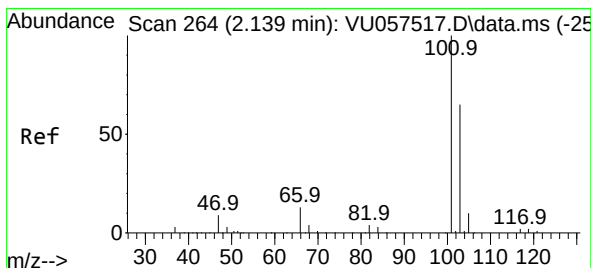
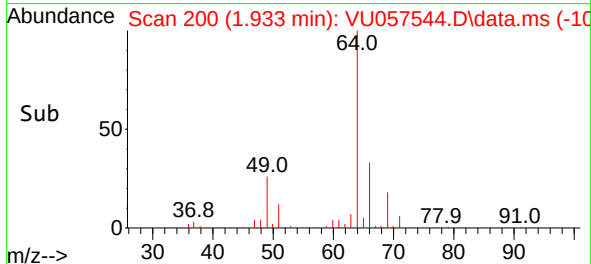
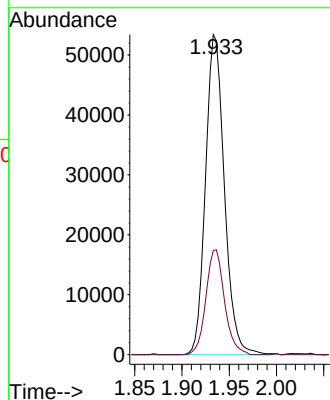
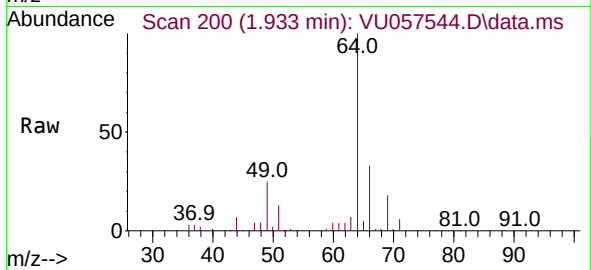




#8
Chloroethane
Concen: 5.307 ug/L
RT: 1.933 min Scan# 201
Delta R.T. -0.003 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

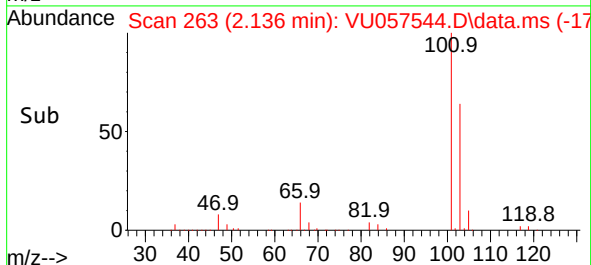
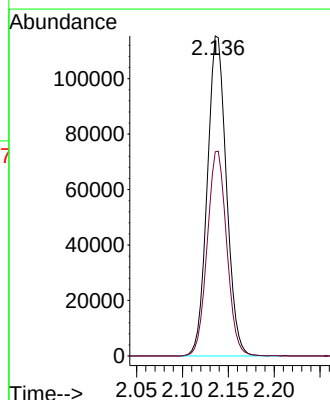
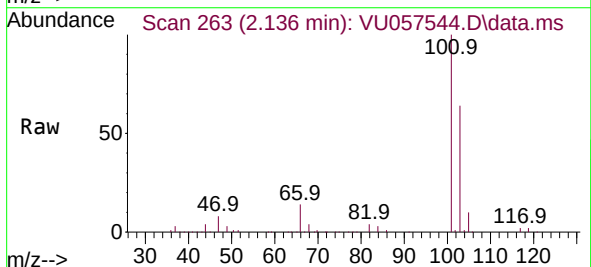
Instrument :
MSVOA_U
ClientSampleId :

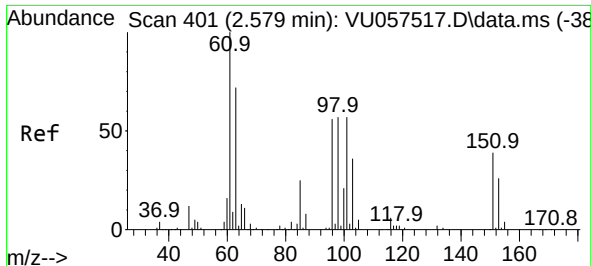
Tgt Ion: 64 Resp: 74191
Ion Ratio Lower Upper
64 100
66 32.6 23.3 43.3



#9
Trichlorofluoromethane
Concen: 5.458 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.003 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

Tgt Ion:101 Resp: 167319
Ion Ratio Lower Upper
101 100
103 65.3 51.2 76.8

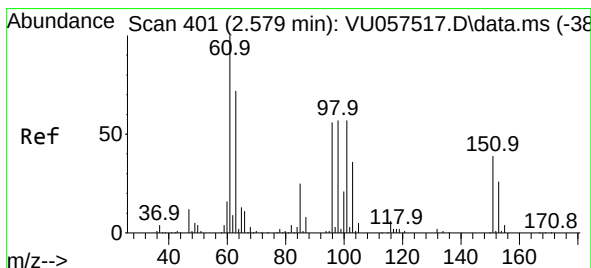
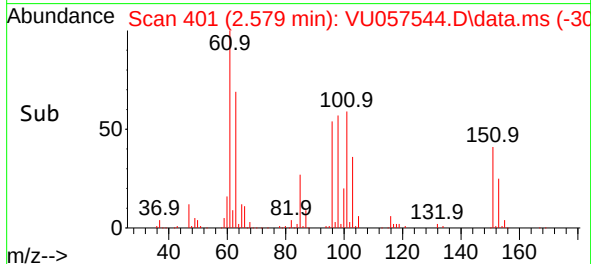
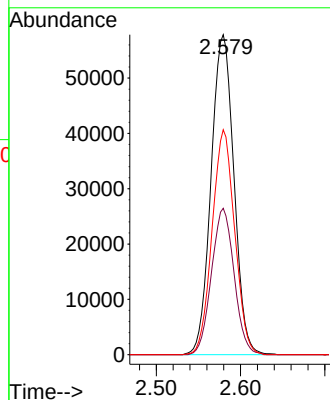
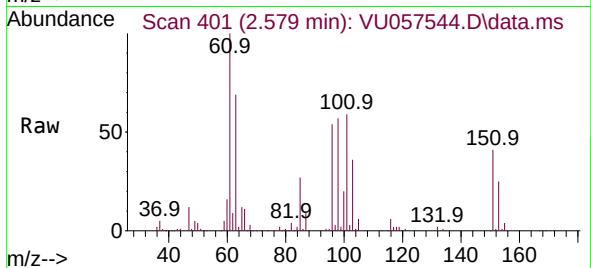




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.555 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU057544.D
 Acq: 17 Jan 2024 13:40

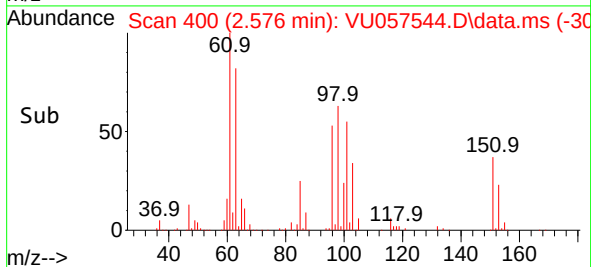
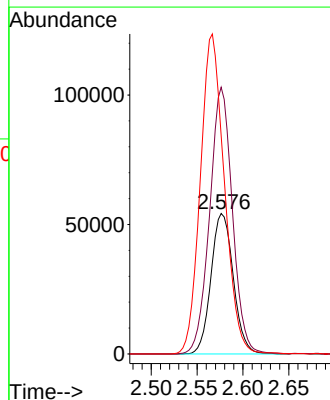
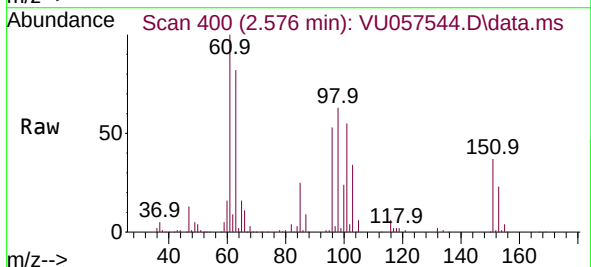
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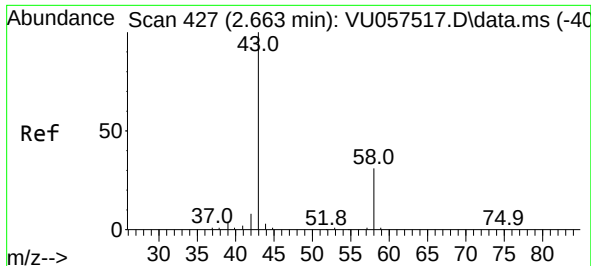
Tgt Ion:101 Resp: 108948
 Ion Ratio Lower Upper
 101 100
 85 45.2 35.1 52.7
 151 69.4 55.4 83.0



#12
 1,1-Dichloroethene
 Concen: 5.283 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.003 min
 Lab File: VU057544.D
 Acq: 17 Jan 2024 13:40

Tgt Ion: 96 Resp: 91723
 Ion Ratio Lower Upper
 96 100
 61 189.8 130.9 243.1
 63 155.4 114.8 213.2





#13

Acetone

Concen: 51.165 ug/L

RT: 2.676 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU057544.D

Acq: 17 Jan 2024 13:40

Instrument :

MSVOA_U

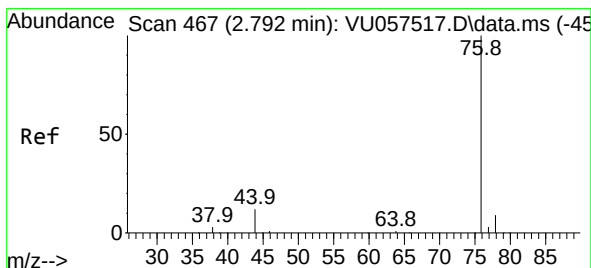
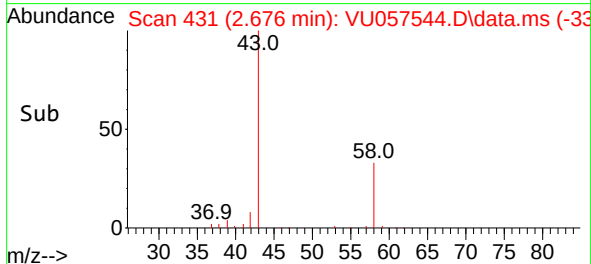
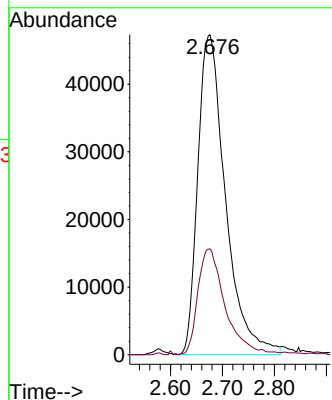
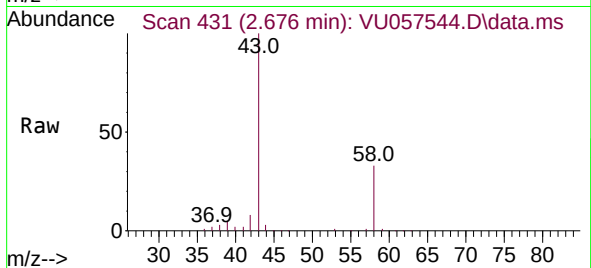
ClientSampleId :

Tgt Ion: 43 Resp: 175422

Ion Ratio Lower Upper

43 100

58 31.9 0.0 67.8



#14

Carbon disulfide

Concen: 5.022 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU057544.D

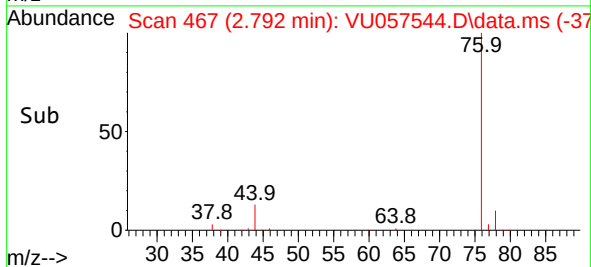
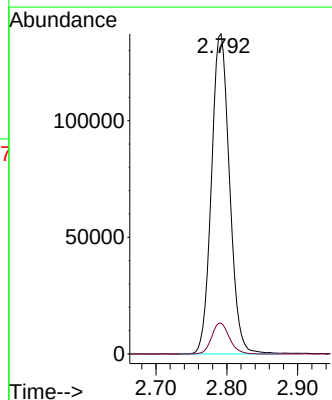
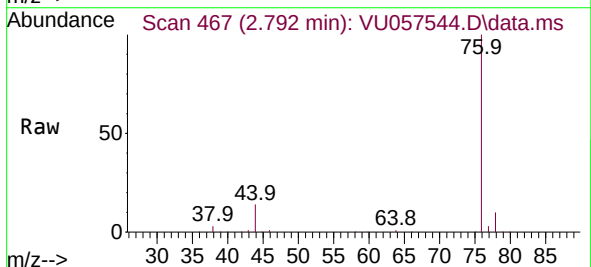
Acq: 17 Jan 2024 13:40

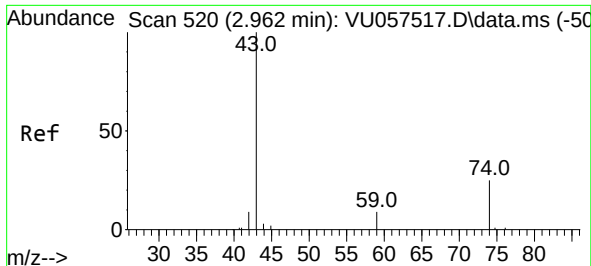
Tgt Ion: 76 Resp: 243637

Ion Ratio Lower Upper

76 100

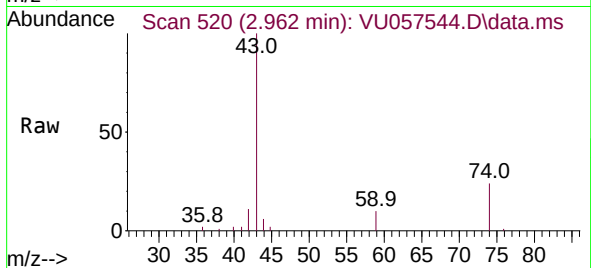
78 9.6 7.3 10.9



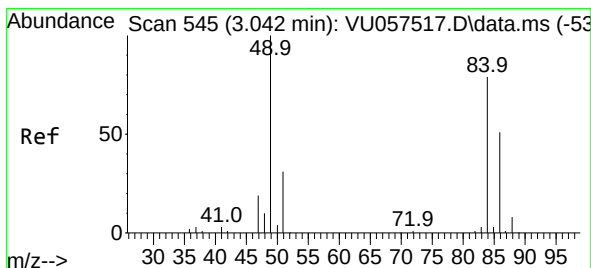
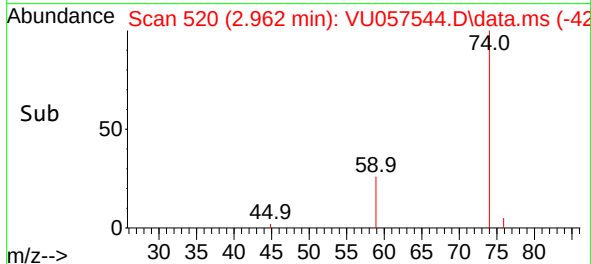
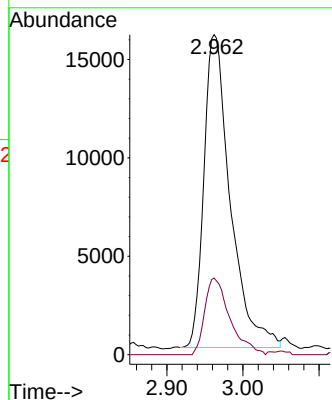


#15
Methyl Acetate
Concen: 4.949 ug/L
RT: 2.962 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

Instrument :
MSVOA_U
ClientSampleId :

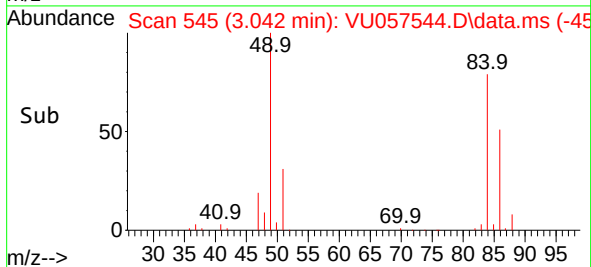
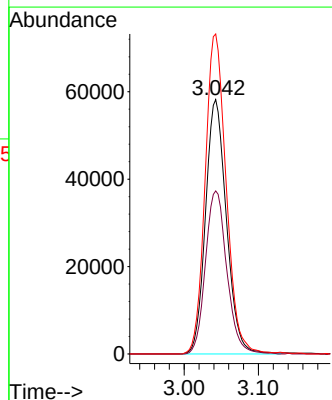
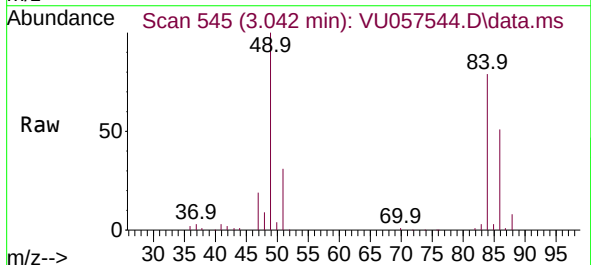


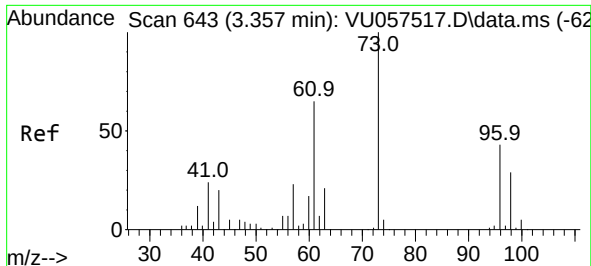
Tgt Ion: 43 Resp: 38356
Ion Ratio Lower Upper
43 100
74 23.3 18.6 27.8



#16
Methylene chloride
Concen: 4.848 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

Tgt Ion: 84 Resp: 113829
Ion Ratio Lower Upper
84 100
86 64.1 45.8 85.2
49 125.8 86.7 161.1

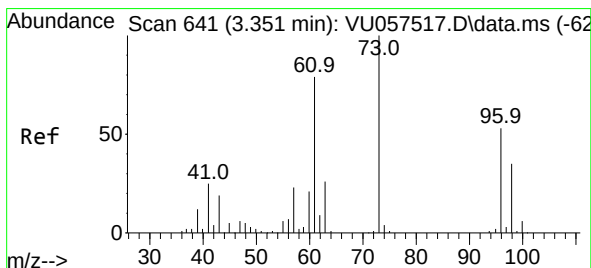
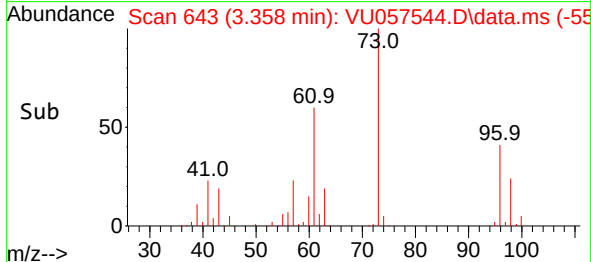
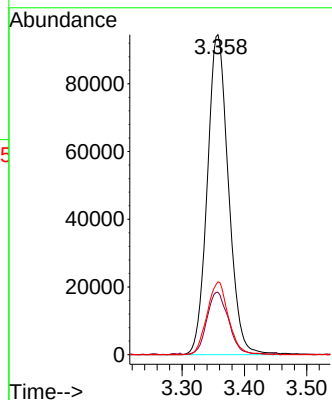
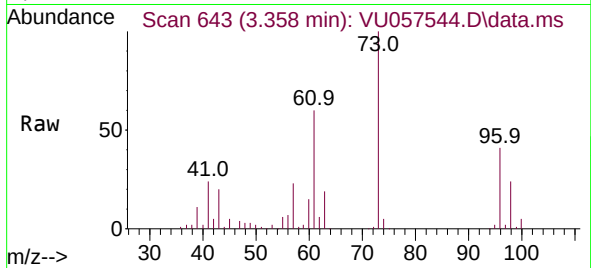




#17
Methyl tert-butyl Ether
Concen: 5.168 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

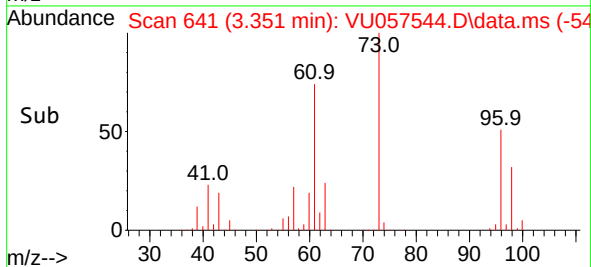
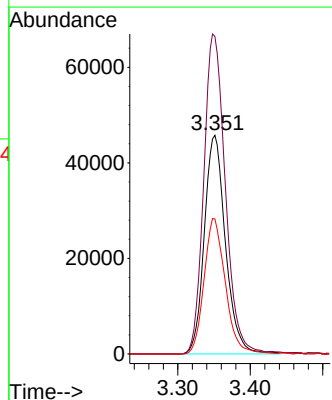
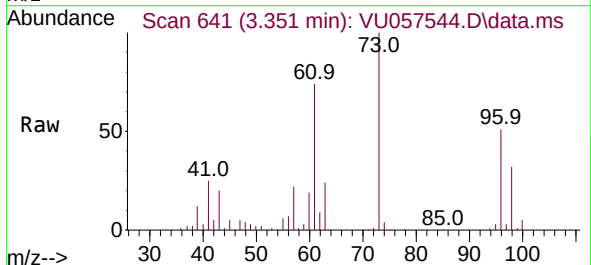
Instrument :
MSVOA_U
ClientSampleId :

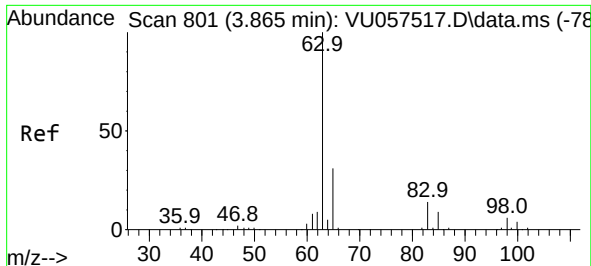
Tgt Ion: 73 Resp: 222594
Ion Ratio Lower Upper
73 100
43 19.7 16.1 24.1
57 22.9 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 5.394 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

Tgt Ion: 96 Resp: 92962
Ion Ratio Lower Upper
96 100
61 145.2 105.1 195.3
98 61.8 43.7 81.1





#19

1,1-Dichloroethane

Concen: 5.454 ug/L

RT: 3.862 min Scan# 801

Delta R.T. -0.003 min

Lab File: VU057544.D

Acq: 17 Jan 2024 13:40

Instrument :

MSVOA_U

ClientSampleId :

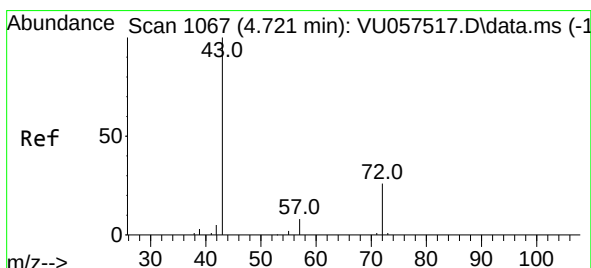
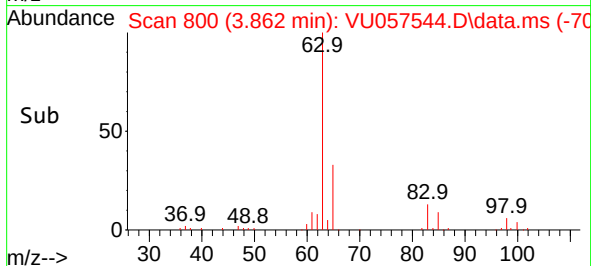
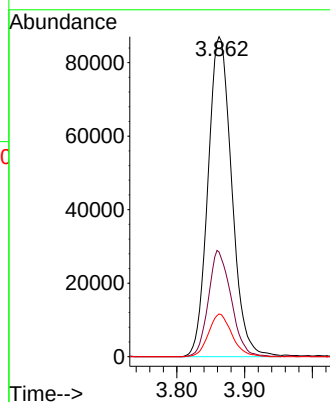
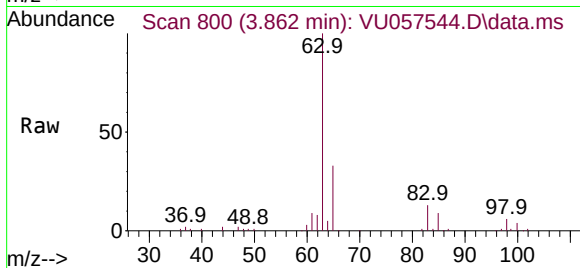
Tgt Ion: 63 Resp: 212091

Ion Ratio Lower Upper

63 100

65 32.7 22.3 41.3

83 13.3 9.1 16.9



#21

2-Butanone

Concen: 54.958 ug/L

RT: 4.724 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VU057544.D

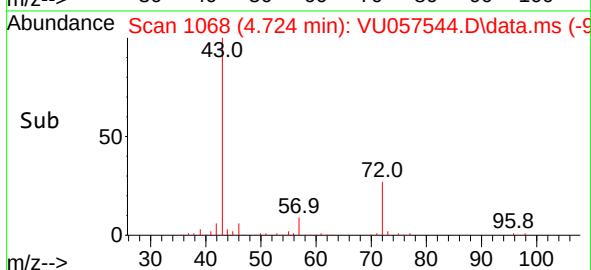
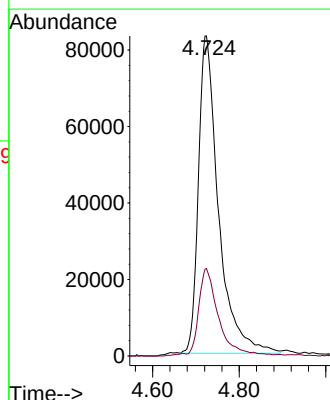
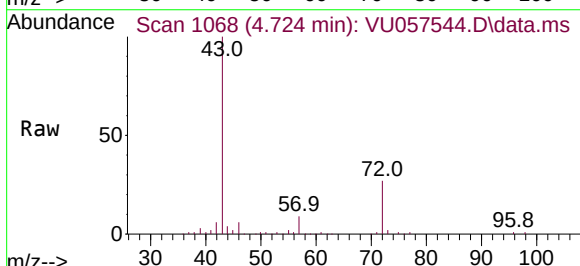
Acq: 17 Jan 2024 13:40

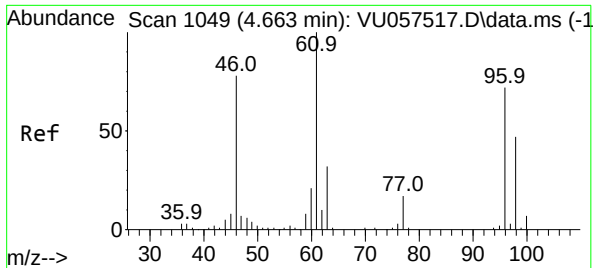
Tgt Ion: 43 Resp: 266544

Ion Ratio Lower Upper

43 100

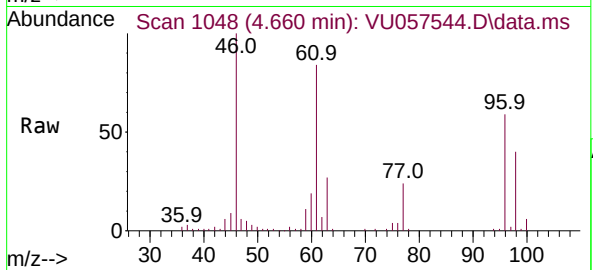
72 25.1 12.7 38.0



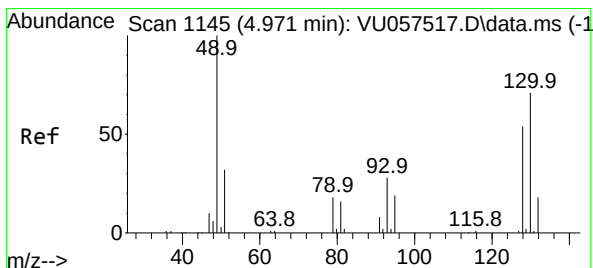
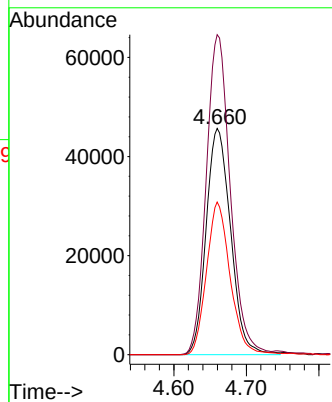
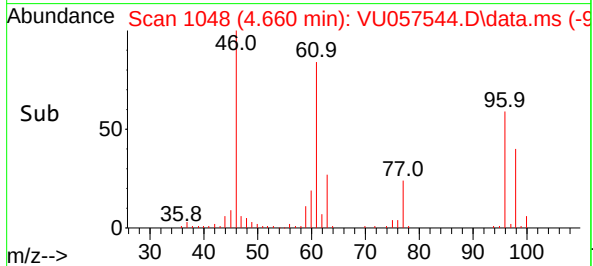


#22
 cis-1,2-Dichloroethene
 Concen: 5.346 ug/L
 RT: 4.660 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU057544.D
 Acq: 17 Jan 2024 13:40

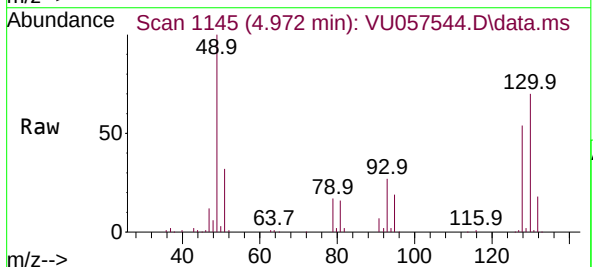
Instrument :
 MSVOA_U
 ClientSampleId :



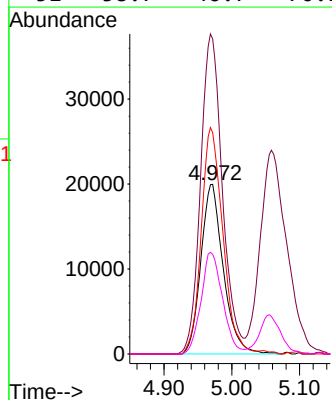
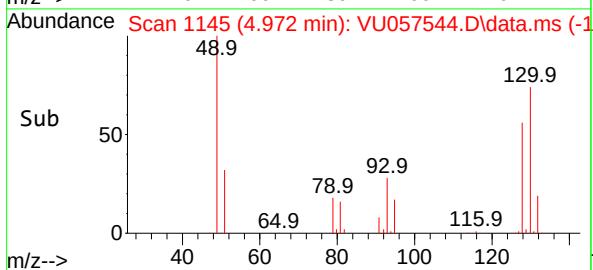
Tgt Ion: 96 Resp: 107268
 Ion Ratio Lower Upper
 96 100
 61 141.5 93.4 173.4
 98 67.4 44.9 83.3

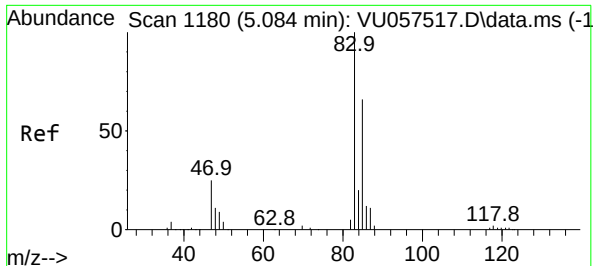


#23
 Bromochloromethane
 Concen: 5.324 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.003 min
 Lab File: VU057544.D
 Acq: 17 Jan 2024 13:40



Tgt Ion: 128 Resp: 45860
 Ion Ratio Lower Upper
 128 100
 49 185.9 130.3 241.9
 130 130.5 88.8 165.0
 51 58.7 46.7 70.1





#25

Chloroform

Concen: 5.395 ug/L

RT: 5.081 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU057544.D

Acq: 17 Jan 2024 13:40

Instrument :

MSVOA_U

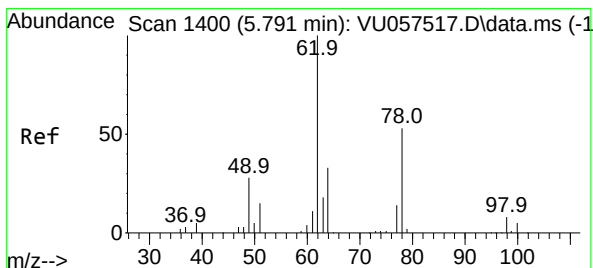
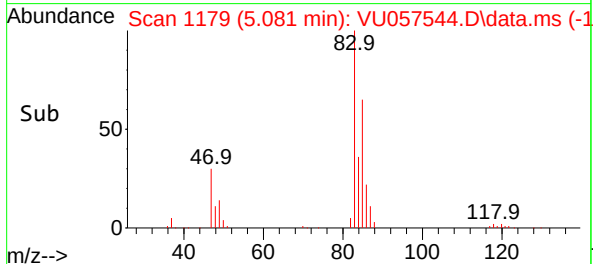
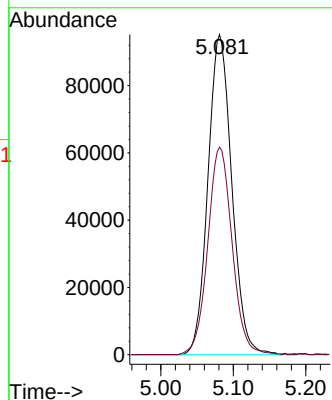
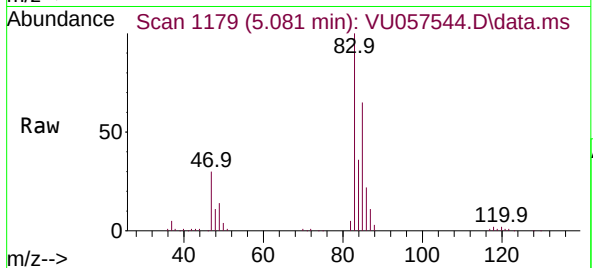
ClientSampleId :

Tgt Ion: 83 Resp: 217564

Ion Ratio Lower Upper

83 100

85 64.8 46.7 86.7



#27

1,2-Dichloroethane

Concen: 5.432 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU057544.D

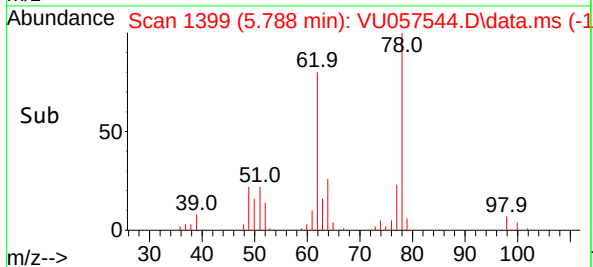
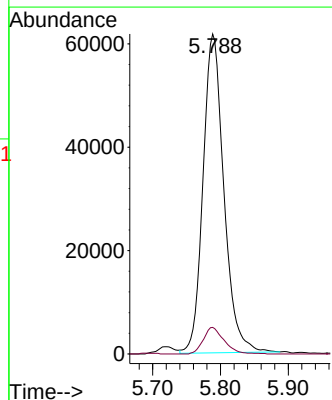
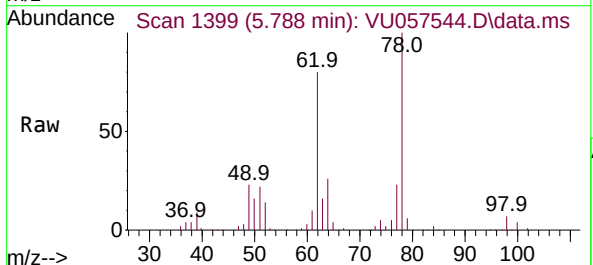
Acq: 17 Jan 2024 13:40

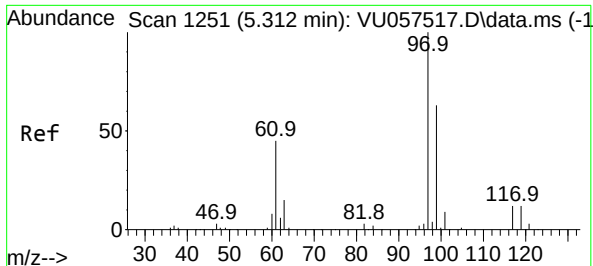
Tgt Ion: 62 Resp: 131912

Ion Ratio Lower Upper

62 100

98 8.3 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.096 ug/L

RT: 5.309 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057544.D

Acq: 17 Jan 2024 13:40

Instrument :

MSVOA_U

ClientSampleId :

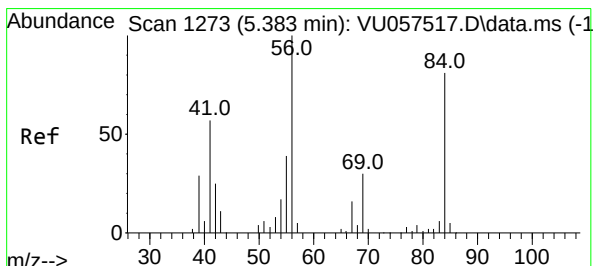
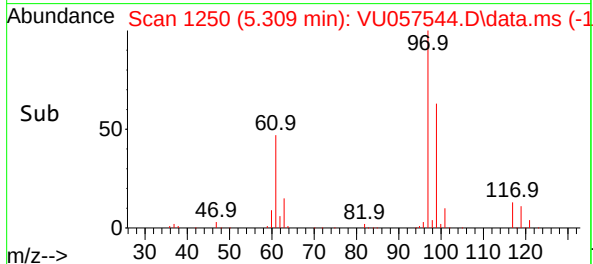
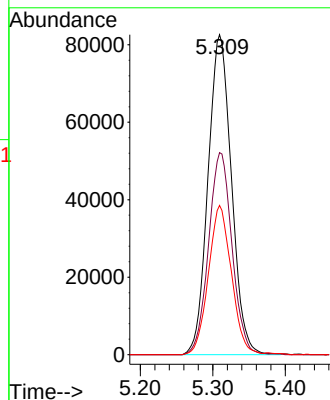
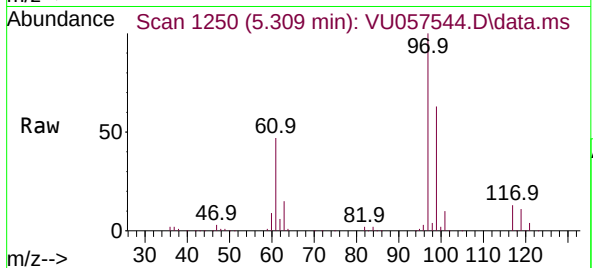
Tgt Ion: 97 Resp: 185517

Ion Ratio Lower Upper

97 100

99 63.2 51.4 77.0

61 45.7 36.9 55.3



#30

Cyclohexane

Concen: 4.802 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU057544.D

Acq: 17 Jan 2024 13:40

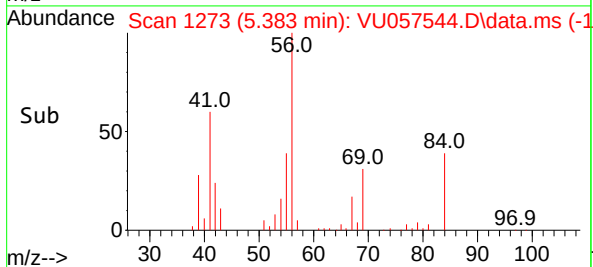
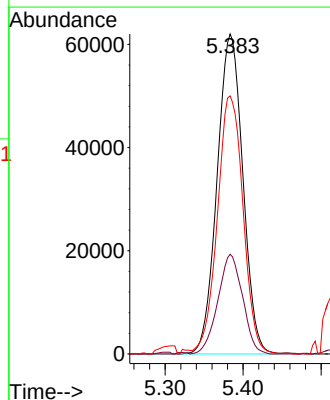
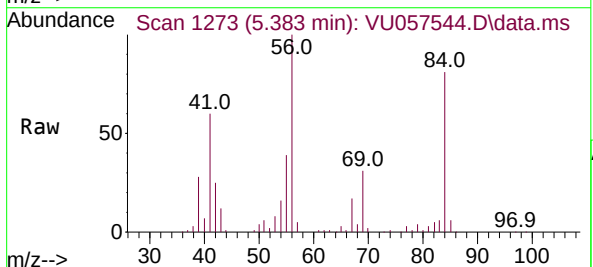
Tgt Ion: 56 Resp: 142177

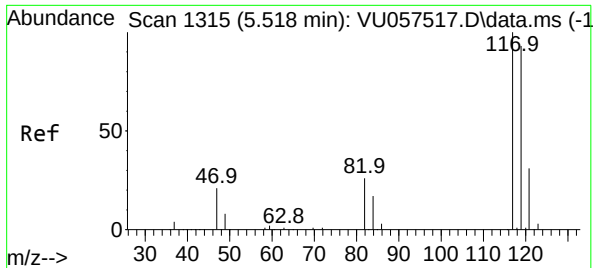
Ion Ratio Lower Upper

56 100

69 29.9 24.1 36.1

84 80.1 64.8 97.2

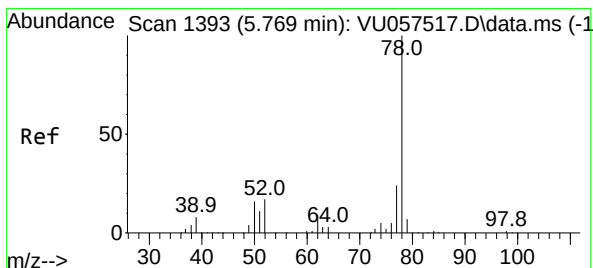
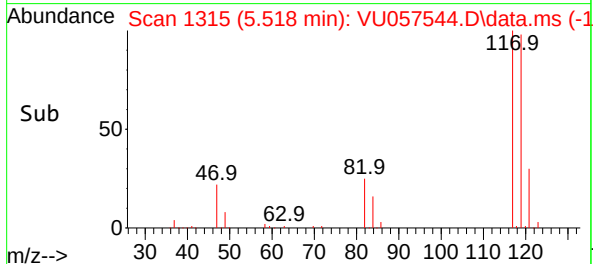
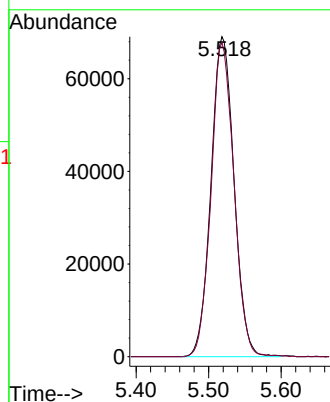
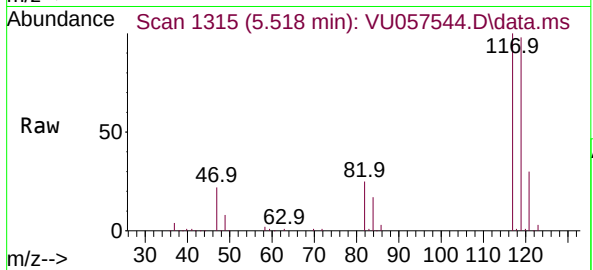




#31
Carbon tetrachloride
Concen: 5.082 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

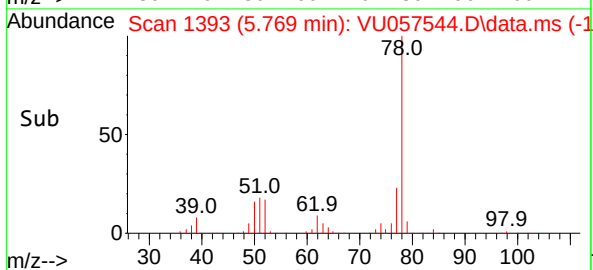
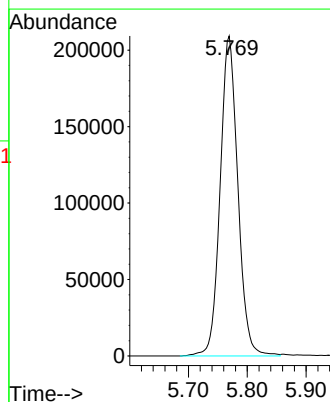
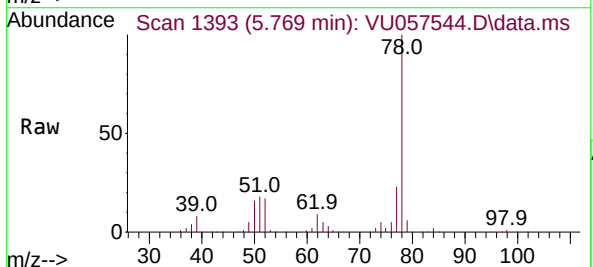
Instrument :
MSVOA_U
ClientSampleId :

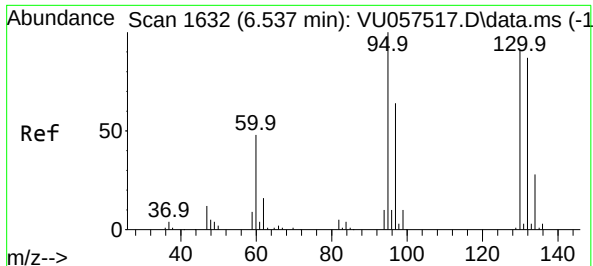
Tgt Ion:117 Resp: 152764
Ion Ratio Lower Upper
117 100
119 96.8 78.0 117.0



#33
Benzene
Concen: 5.049 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

Tgt Ion: 78 Resp: 437746

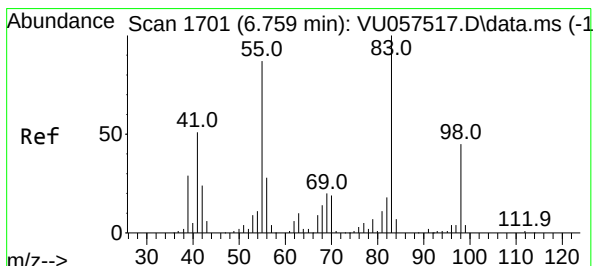
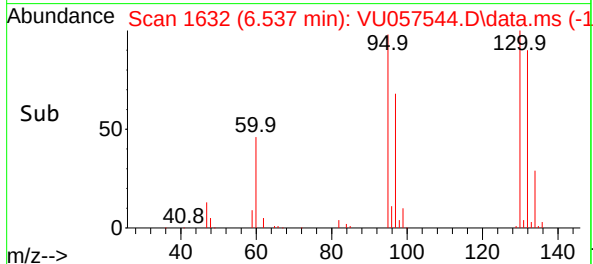
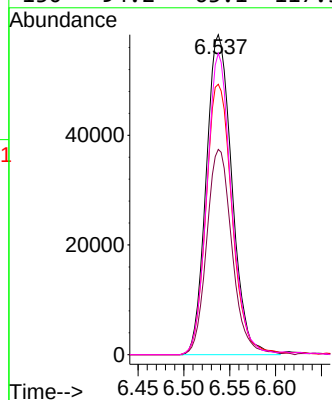
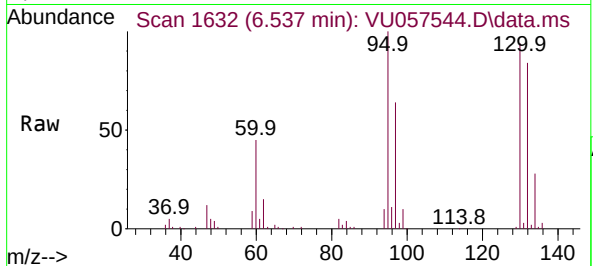




#34
Trichloroethene
Concen: 4.999 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

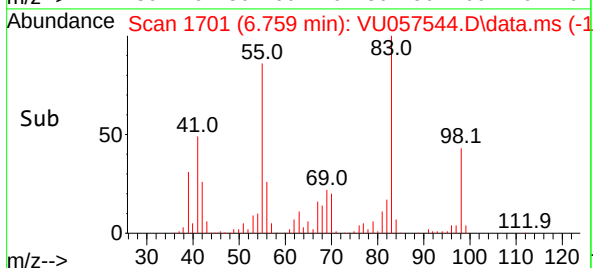
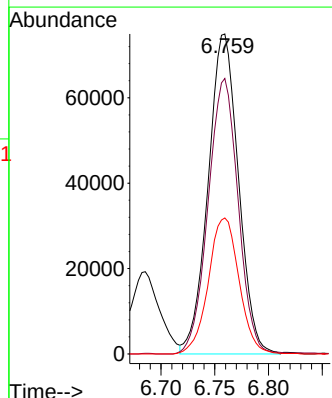
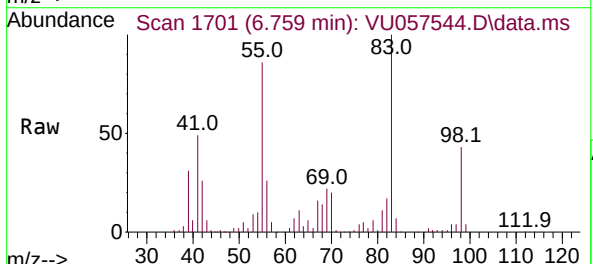
Instrument :
MSVOA_U
ClientSampleId :

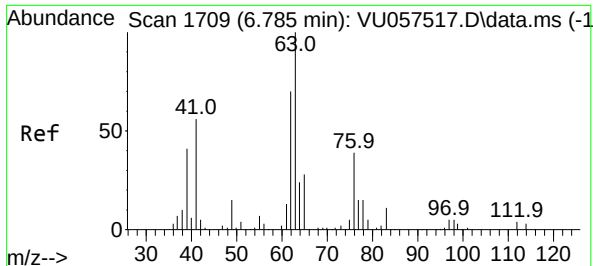
Tgt Ion: 95 Resp: 113837
Ion Ratio Lower Upper
95 100
97 64.2 45.0 83.6
132 84.5 61.7 114.5
130 94.2 63.1 117.3



#35
Methylcyclohexane
Concen: 4.854 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

Tgt Ion: 83 Resp: 146978
Ion Ratio Lower Upper
83 100
55 85.2 68.7 103.1
98 43.1 36.3 54.5

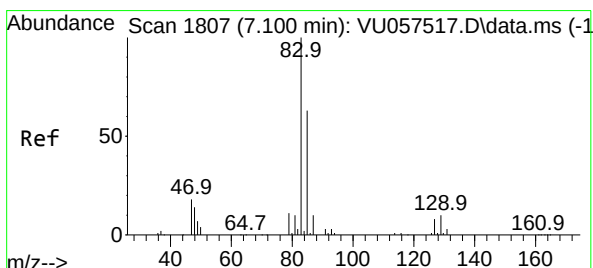
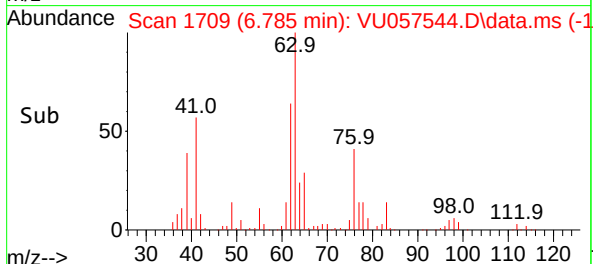
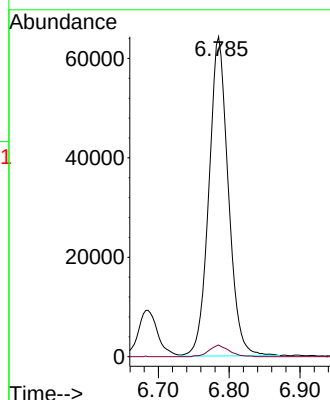
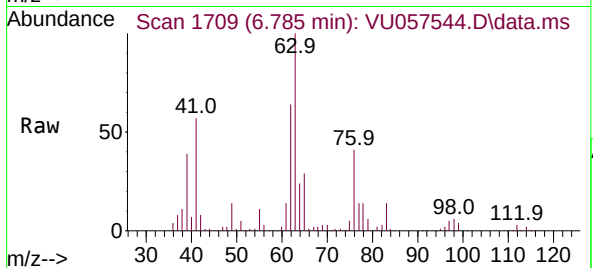




#37
1,2-Dichloropropane
Concen: 4.977 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

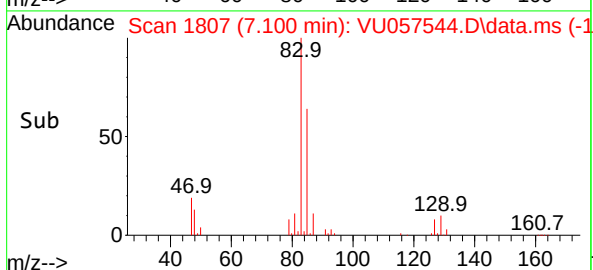
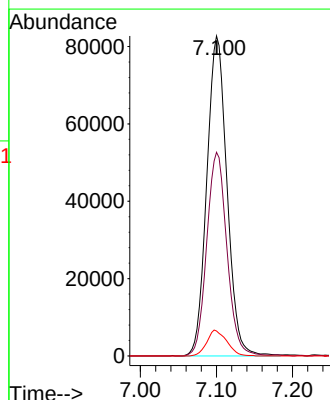
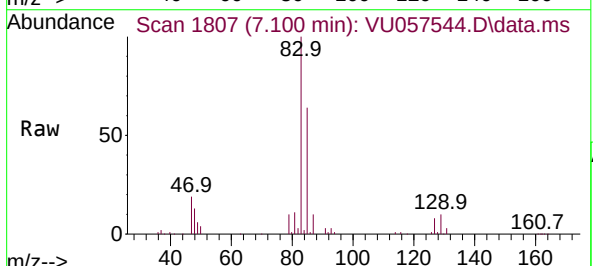
Instrument :
MSVOA_U
ClientSampleId :

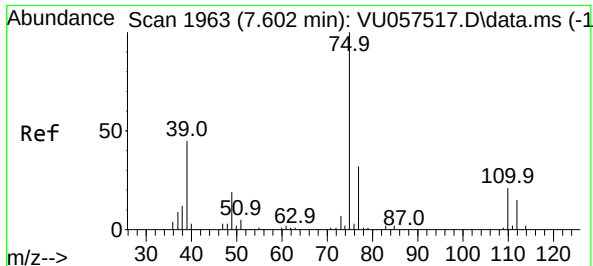
Tgt Ion: 63 Resp: 122363
Ion Ratio Lower Upper
63 100
112 3.7 2.7 4.1



#38
Bromodichloromethane
Concen: 5.152 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

Tgt Ion: 83 Resp: 152508
Ion Ratio Lower Upper
83 100
85 63.7 44.3 82.3
127 7.8 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 4.199 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU057544.D

Acq: 17 Jan 2024 13:40

Instrument :

MSVOA_U

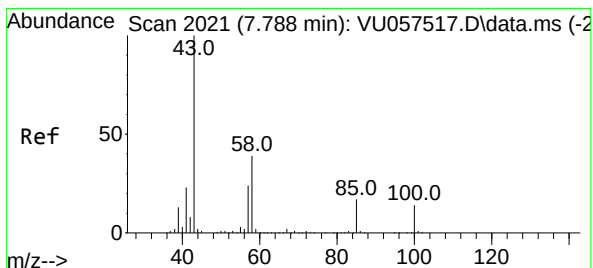
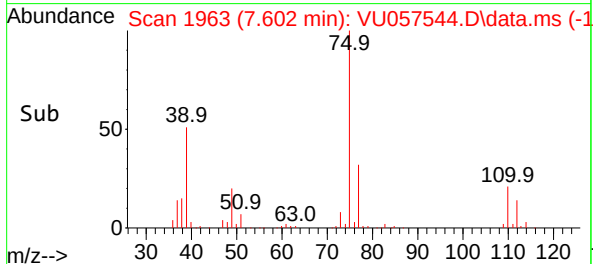
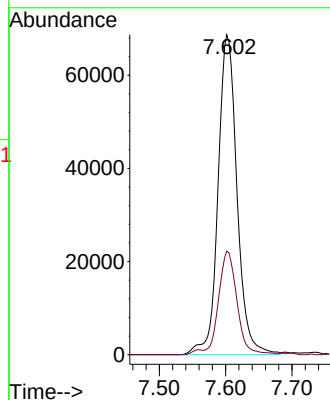
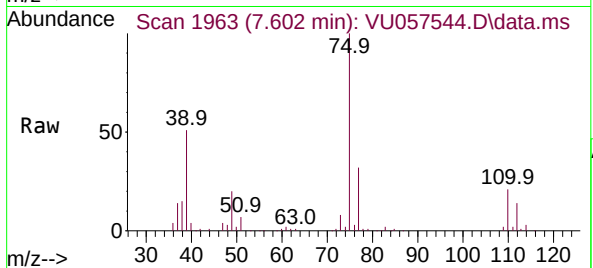
ClientSampleId :

Tgt Ion: 75 Resp: 136483

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 39.524 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU057544.D

Acq: 17 Jan 2024 13:40

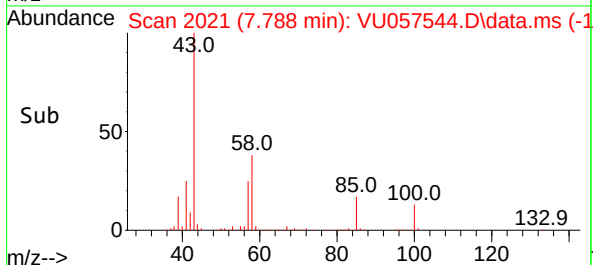
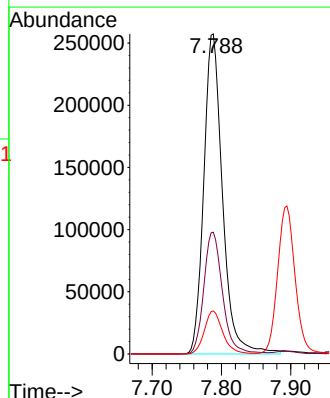
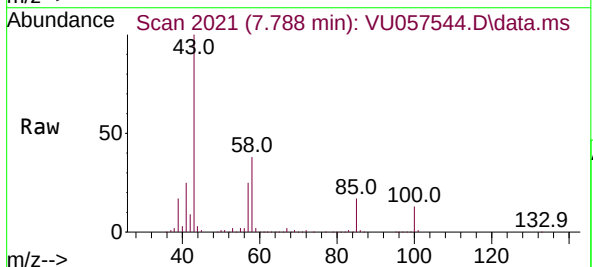
Tgt Ion: 43 Resp: 482419

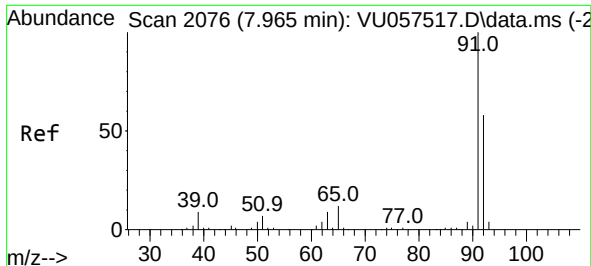
Ion Ratio Lower Upper

43 100

58 38.0 31.4 47.2

100 13.3 10.7 16.1





#42

Toluene

Concen: 4.168 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057544.D

Acq: 17 Jan 2024 13:40

Instrument :

MSVOA_U

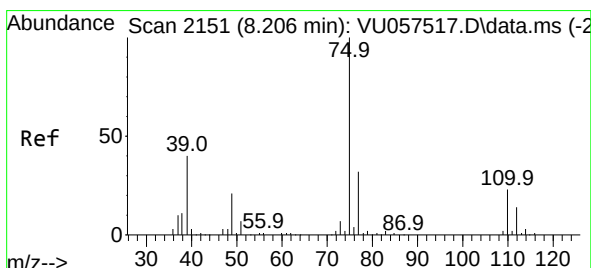
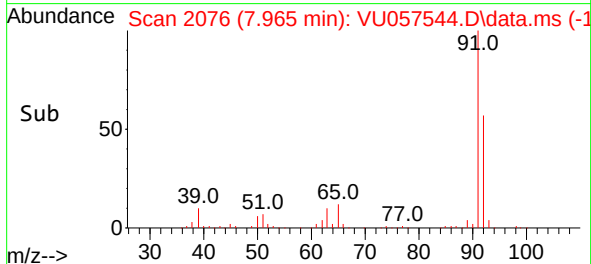
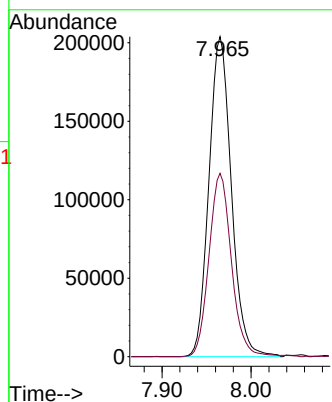
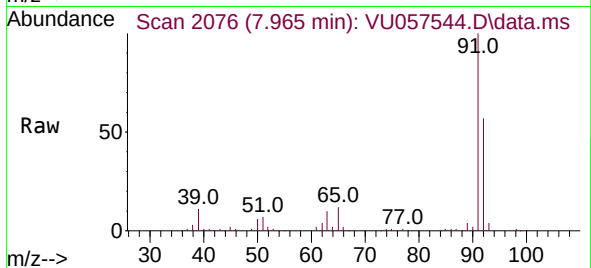
ClientSampleId :

Tgt Ion: 91 Resp: 356119

Ion Ratio Lower Upper

91 100

92 57.3 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.595 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU057544.D

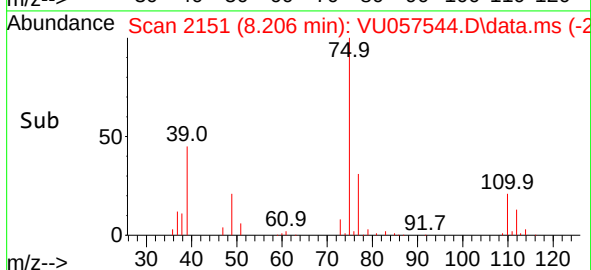
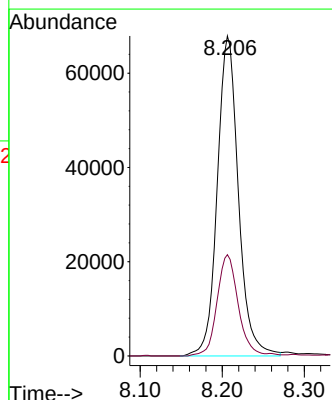
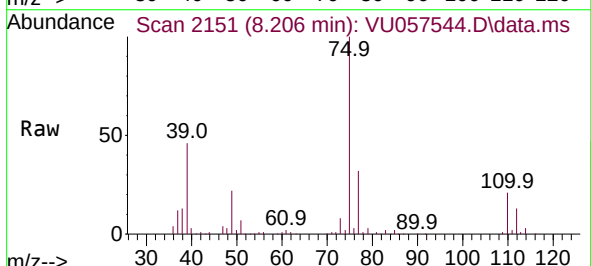
Acq: 17 Jan 2024 13:40

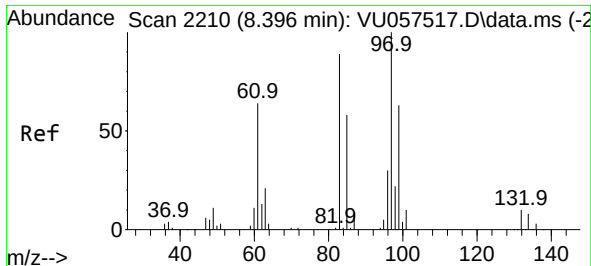
Tgt Ion: 75 Resp: 121567

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1

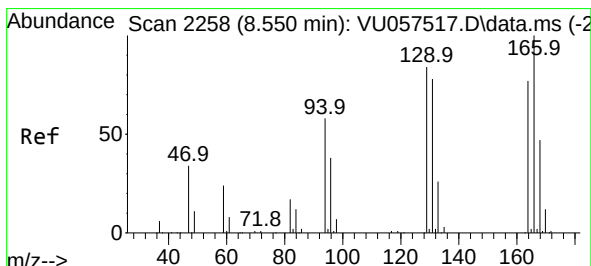
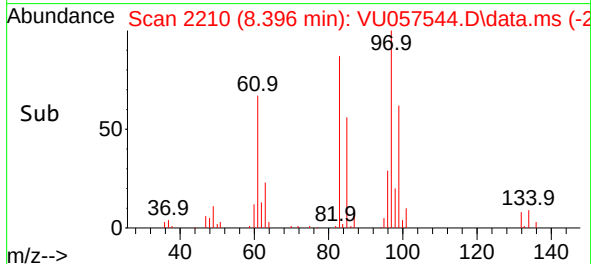
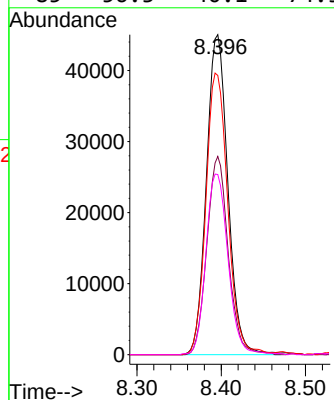
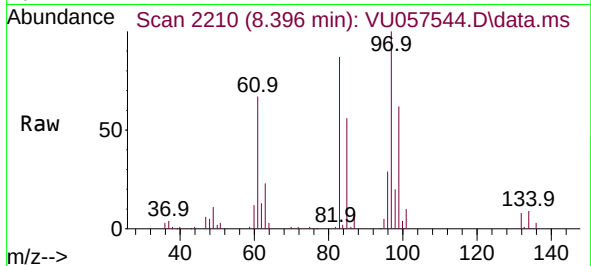




#45
1,1,2-Trichloroethane
Concen: 5.046 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.003 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

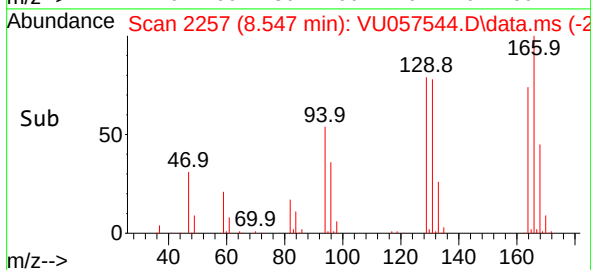
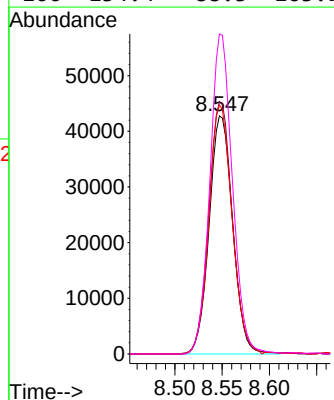
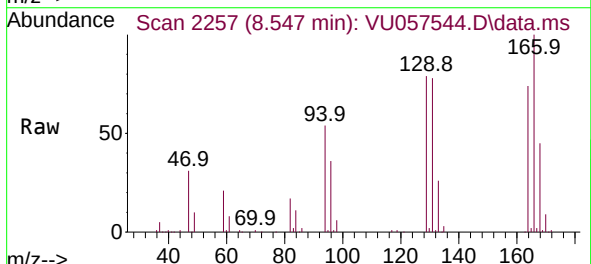
Instrument :
MSVOA_U
ClientSampleId :

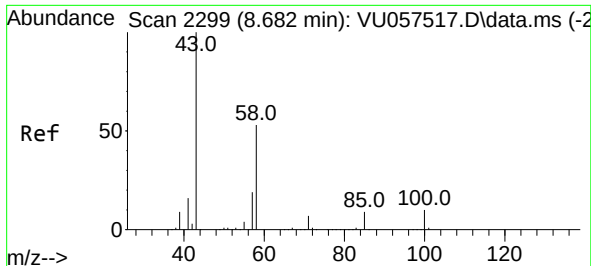
Tgt Ion:	97	Resp:	80008
Ion	Ratio	Lower	Upper
97	100		
99	62.0	45.5	84.5
83	87.2	63.8	118.6
85	56.3	40.1	74.5



#47
Tetrachloroethene
Concen: 4.887 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

Tgt Ion:	164	Resp:	73913
Ion	Ratio	Lower	Upper
164	100		
129	105.9	74.8	138.8
131	104.6	70.3	130.7
166	134.4	88.3	163.9

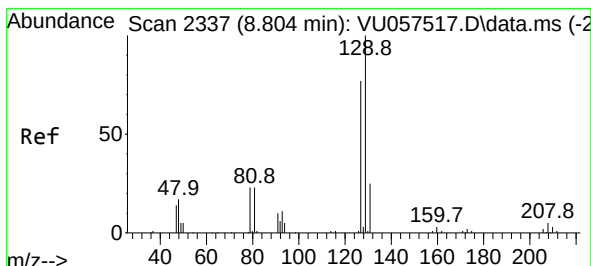
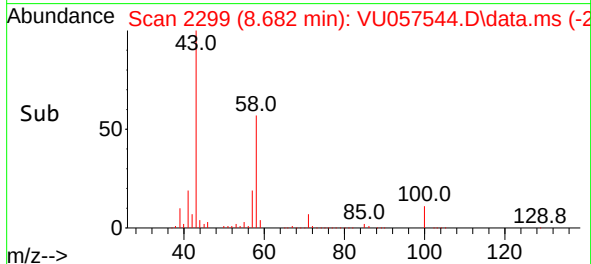
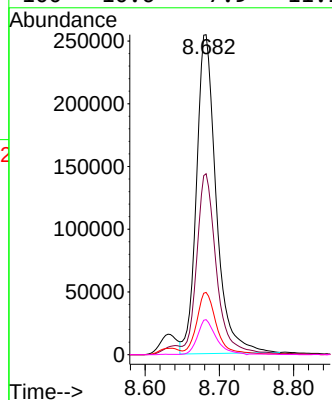
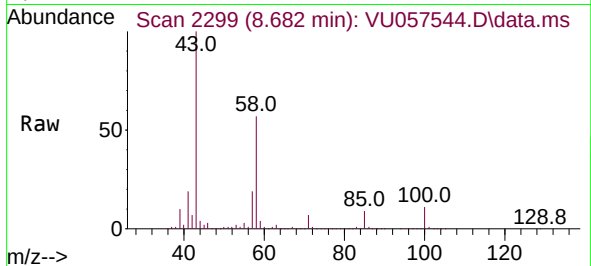




#48
2-Hexanone
Concen: 52.737 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

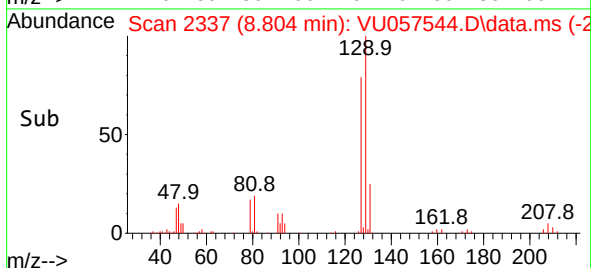
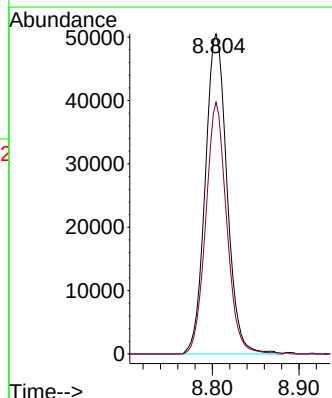
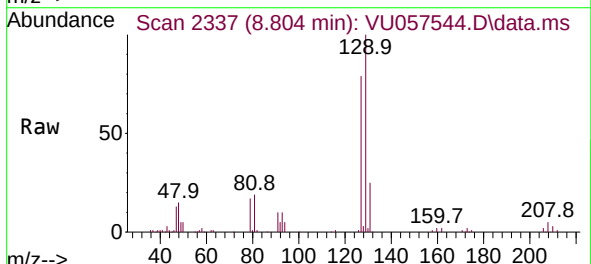
Instrument :
MSVOA_U
ClientSampleId :

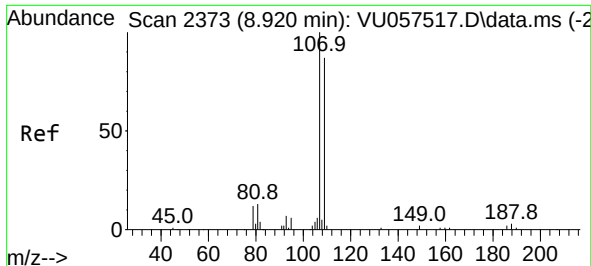
Tgt Ion: 43	Resp: 470086
Ion Ratio	Lower Upper
43 100	
58 55.9	43.1 64.7
57 19.7	15.5 23.3
100 10.6	7.9 11.9



#49
Dibromochloromethane
Concen: 5.175 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

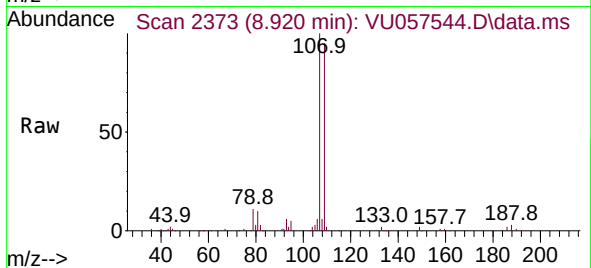
Tgt Ion:129	Resp:	88041	
Ion	Ratio	Lower	Upper
129	100		
127	78.7	54.7	101.7



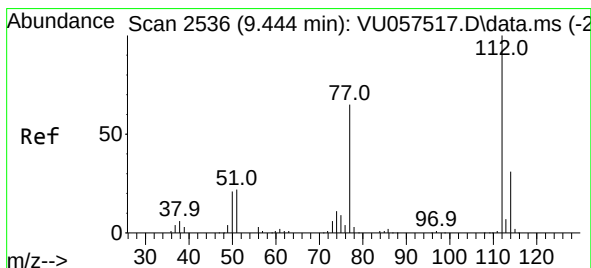
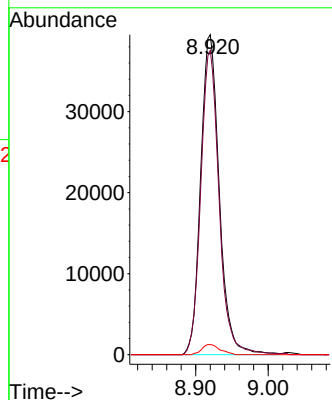
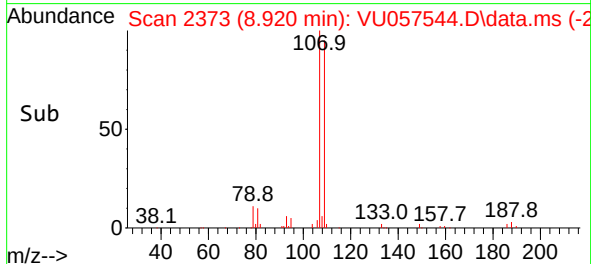


#50
1,2-Dibromoethane
Concen: 5.392 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

Instrument :
MSVOA_U
ClientSampleId :

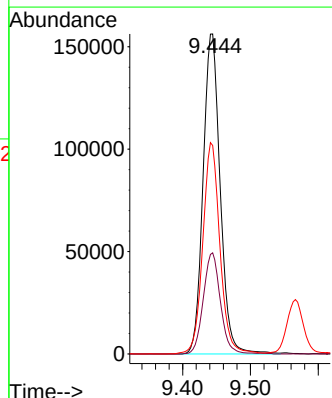
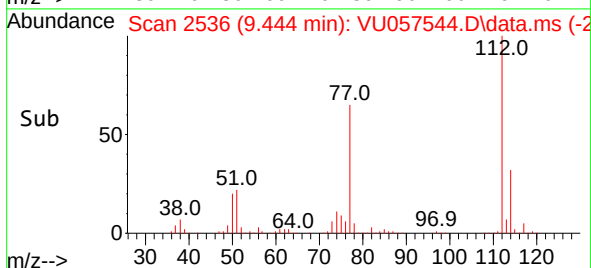
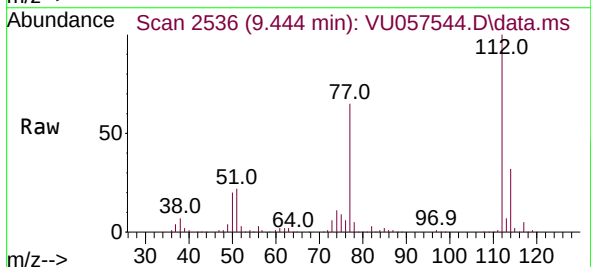


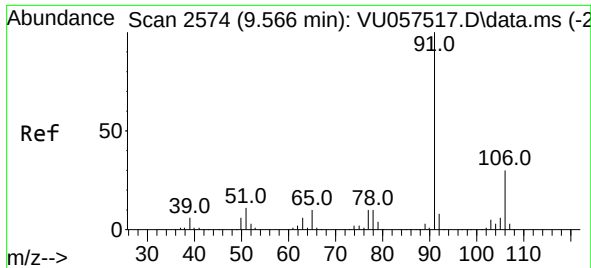
Tgt Ion:107 Resp: 70447
Ion Ratio Lower Upper
107 100
109 95.0 67.1 124.7
188 3.1 3.0 4.4



#51
Chlorobenzene
Concen: 5.088 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

Tgt Ion:112 Resp: 274072
Ion Ratio Lower Upper
112 100
114 31.6 22.0 40.8
77 65.1 53.4 80.0

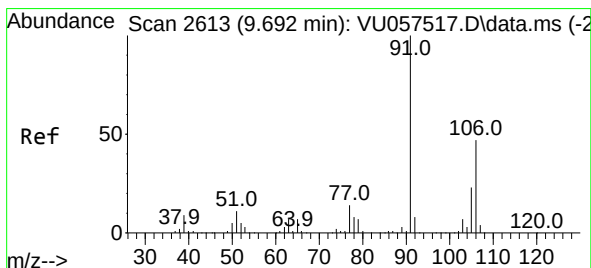
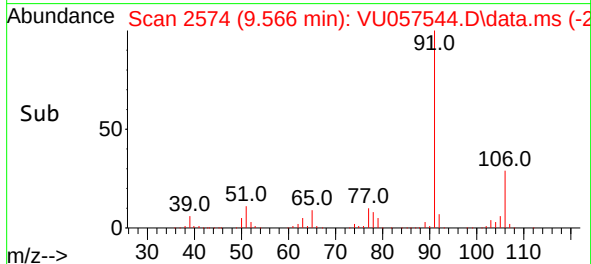
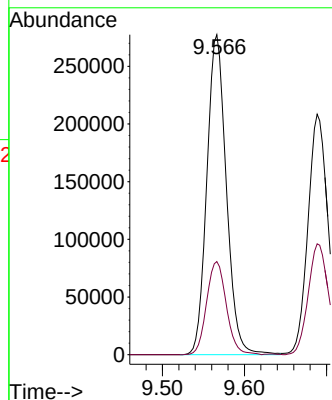
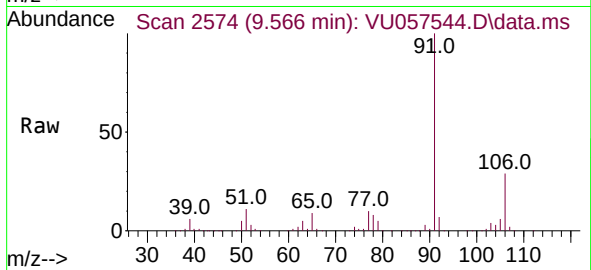




#52
Ethylbenzene
Concen: 5.209 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

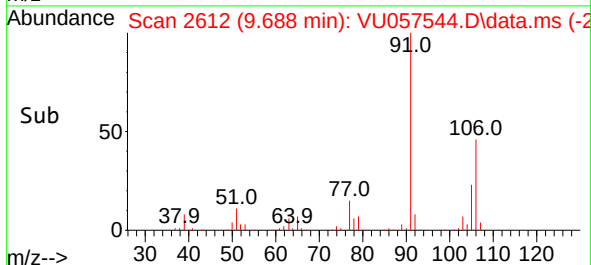
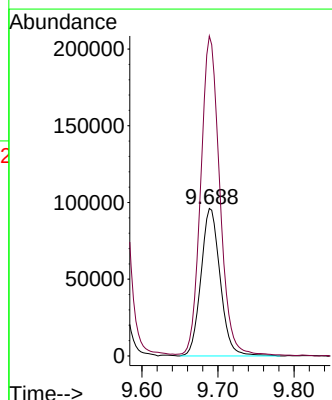
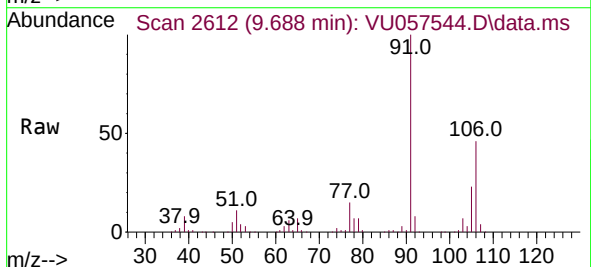
Instrument :
MSVOA_U
ClientSampleId :

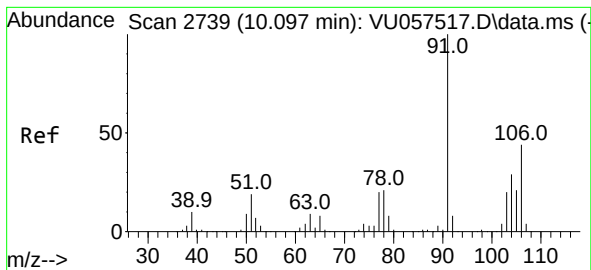
Tgt Ion: 91 Resp: 457810
Ion Ratio Lower Upper
91 100
106 29.1 20.5 38.1



#53
m,p-Xylene
Concen: 5.337 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

Tgt Ion:106 Resp: 168954
Ion Ratio Lower Upper
106 100
91 217.0 153.4 285.0





#54

o-Xylene

Concen: 5.259 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057544.D

Acq: 17 Jan 2024 13:40

Instrument :

MSVOA_U

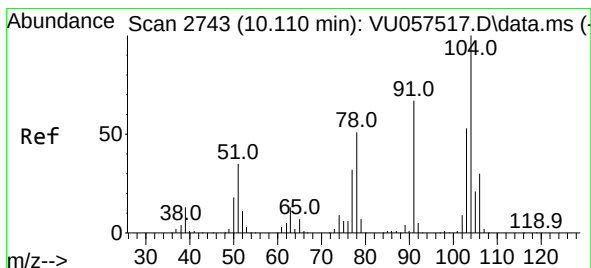
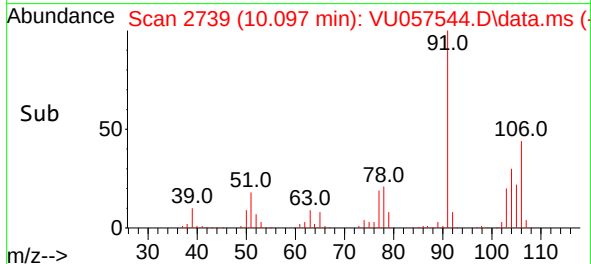
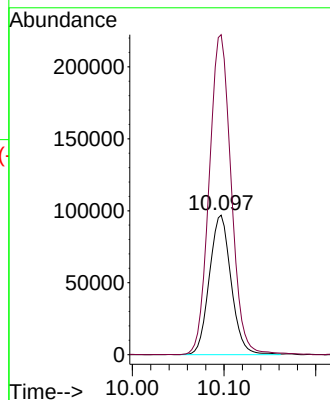
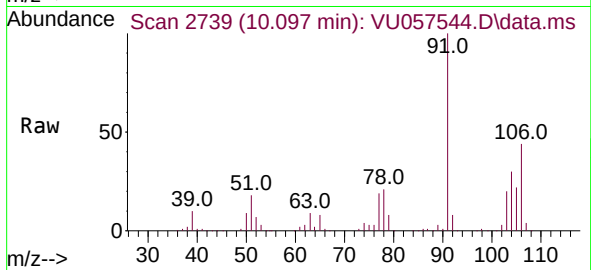
ClientSampleId :

Tgt Ion:106 Resp: 159740

Ion Ratio Lower Upper

106 100

91 229.3 165.1 306.5



#55

Styrene

Concen: 5.315 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU057544.D

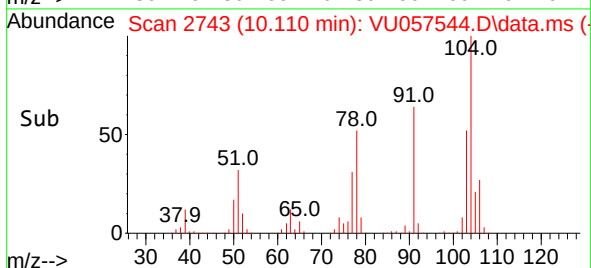
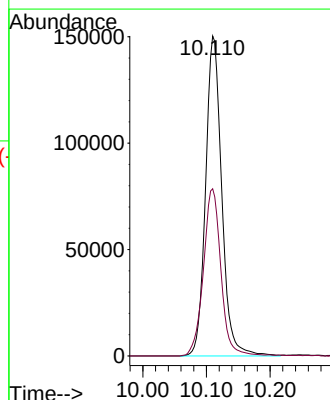
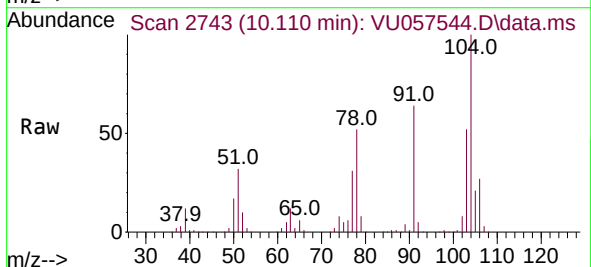
Acq: 17 Jan 2024 13:40

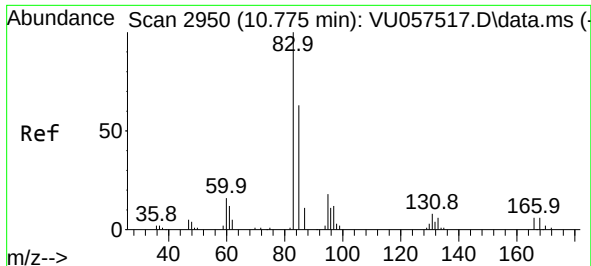
Tgt Ion:104 Resp: 265872

Ion Ratio Lower Upper

104 100

78 52.2 35.1 65.3

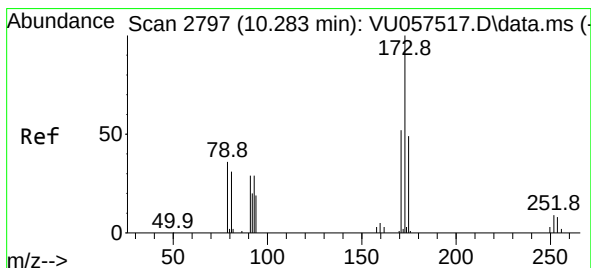
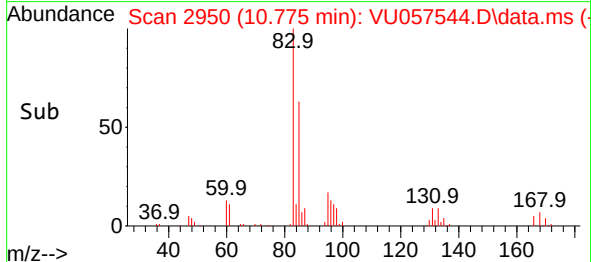
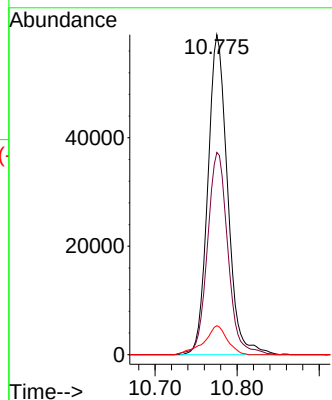
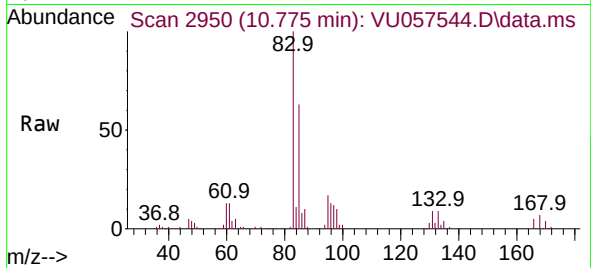




#57
1,1,2,2-Tetrachloroethane
Concen: 5.132 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

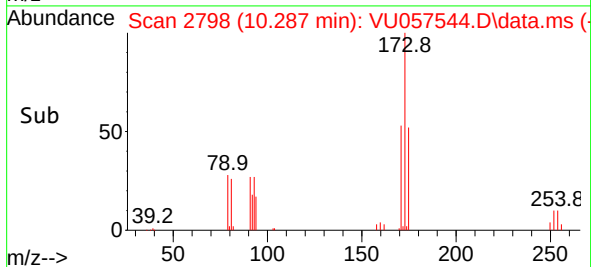
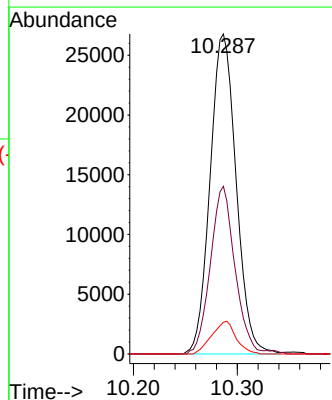
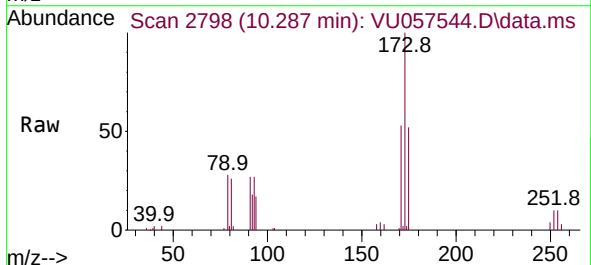
Instrument :
MSVOA_U
ClientSampleId :

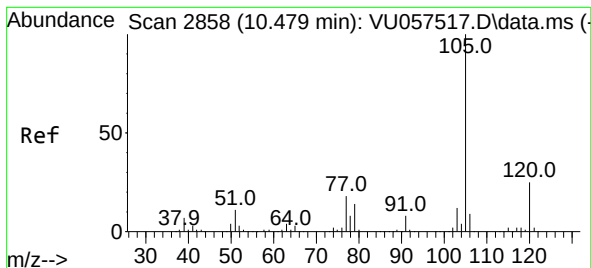
Tgt Ion: 83 Resp: 98654
Ion Ratio Lower Upper
83 100
85 63.2 45.1 83.9
131 9.1 6.7 10.1



#59
Bromoform
Concen: 6.120 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

Tgt Ion:173 Resp: 46639
Ion Ratio Lower Upper
173 100
175 49.6 38.3 57.5
254 9.5 6.6 9.8





#60

Isopropylbenzene

Concen: 6.342 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU057544.D

Acq: 17 Jan 2024 13:40

Instrument :

MSVOA_U

ClientSampleId :

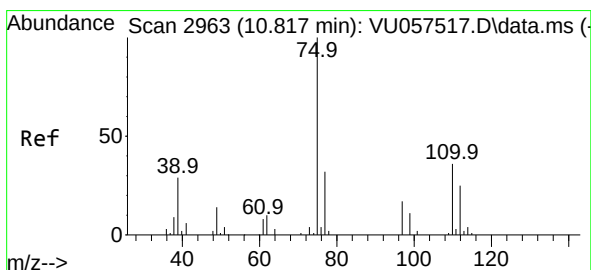
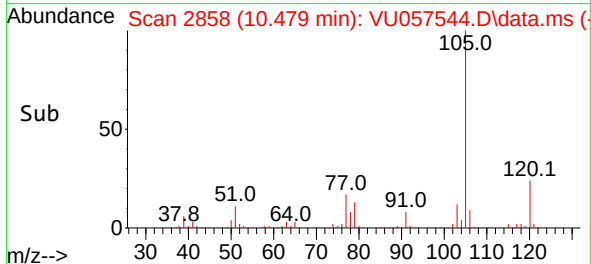
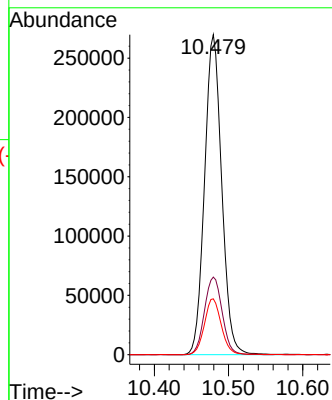
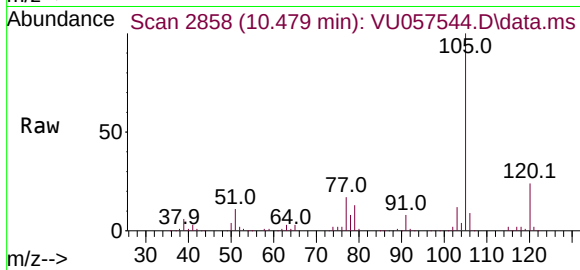
Tgt Ion:105 Resp: 431910

Ion Ratio Lower Upper

105 100

120 25.1 19.4 29.2

77 17.2 14.4 21.6



#61

1,2,3-Trichloropropane

Concen: 6.185 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU057544.D

Acq: 17 Jan 2024 13:40

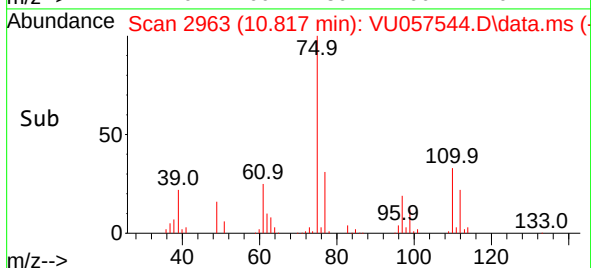
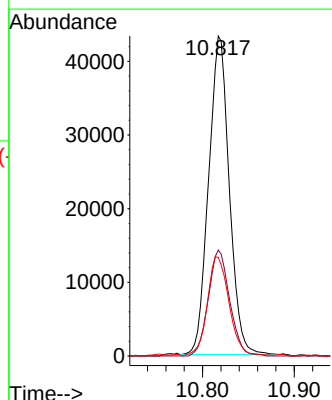
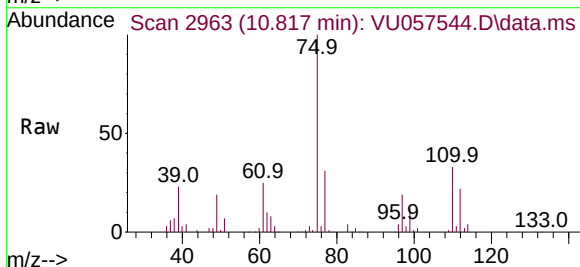
Tgt Ion: 75 Resp: 67763

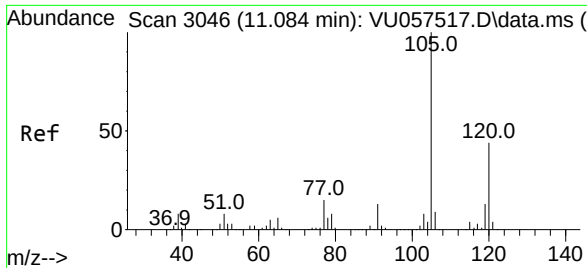
Ion Ratio Lower Upper

75 100

110 34.2 29.4 44.0

77 33.0 26.2 39.4

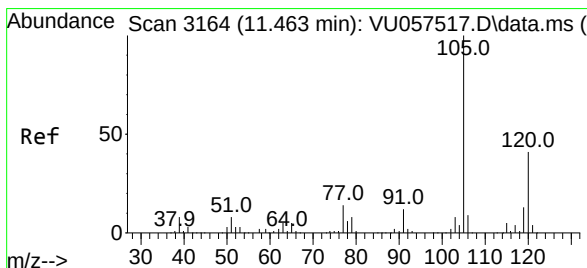
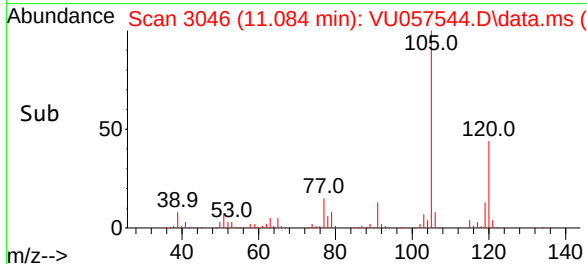
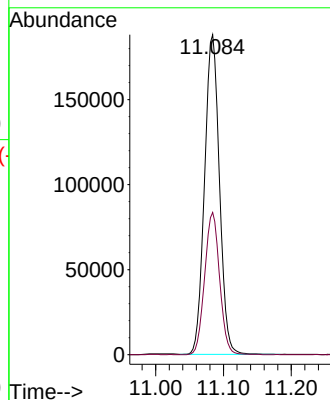
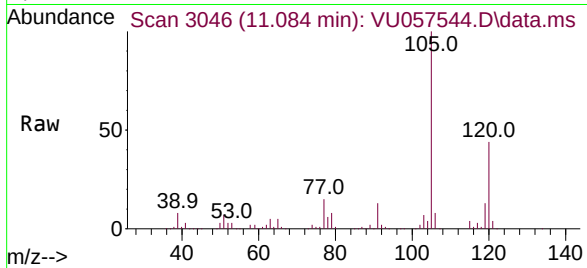




#62
 1,3,5-Trimethylbenzene
 Concen: 5.344 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU057544.D
 Acq: 17 Jan 2024 13:40

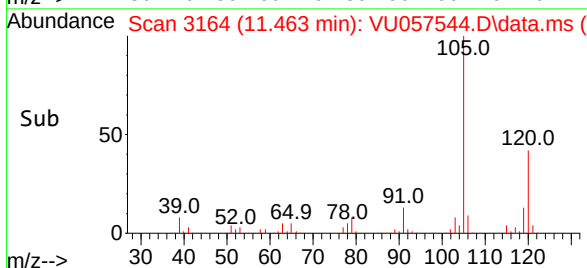
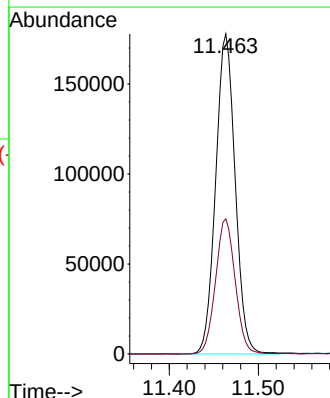
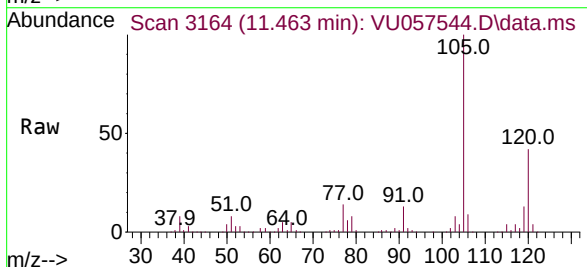
Instrument :
 MSVOA_U
 ClientSampleId :

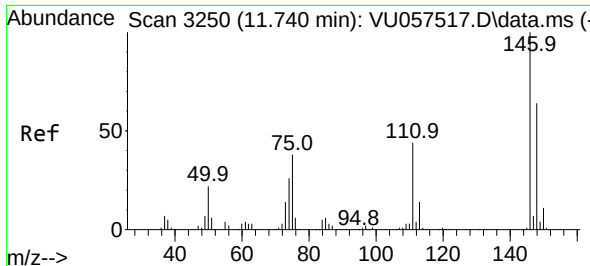
Tgt Ion:105 Resp: 286914
 Ion Ratio Lower Upper
 105 100
 120 44.6 37.0 55.6



#63
 1,2,4-Trimethylbenzene
 Concen: 5.024 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU057544.D
 Acq: 17 Jan 2024 13:40

Tgt Ion:105 Resp: 270054
 Ion Ratio Lower Upper
 105 100
 120 42.5 33.8 50.8

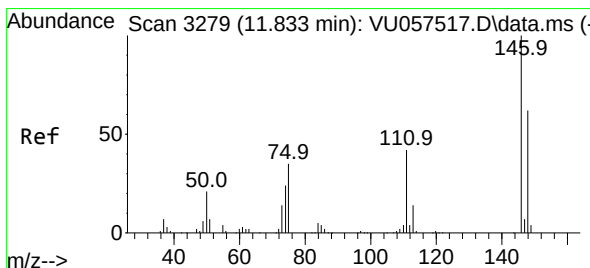
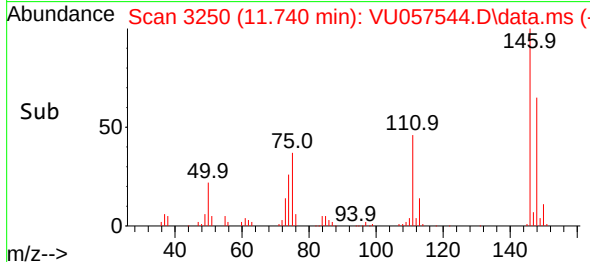
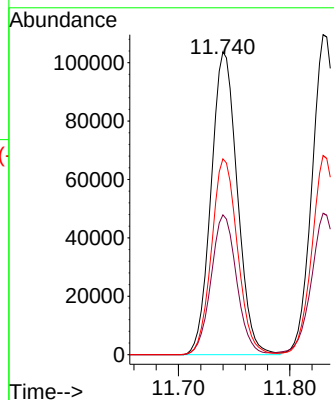
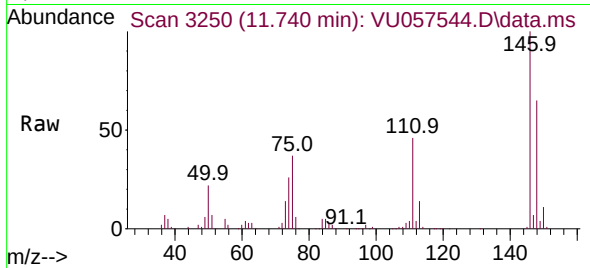




#64
1,3-Dichlorobenzene
Concen: 5.126 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

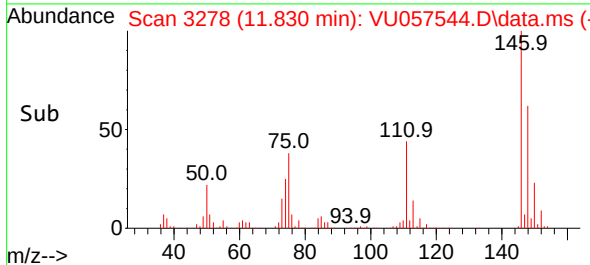
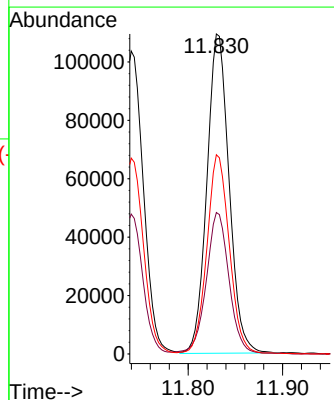
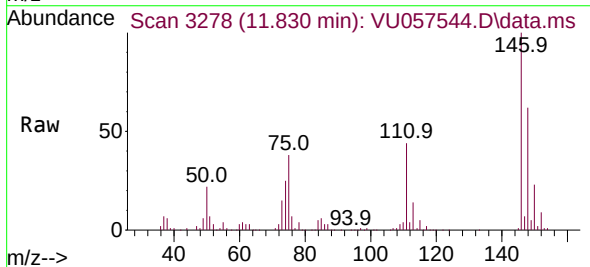
Instrument :
MSVOA_U
ClientSampleId :

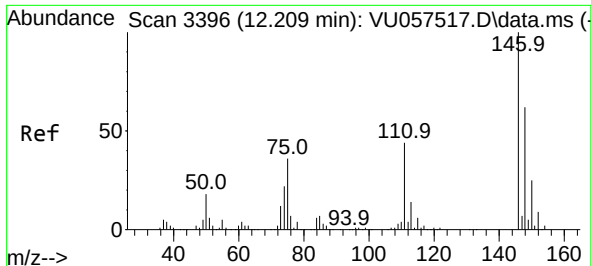
Tgt Ion:146 Resp: 169915
Ion Ratio Lower Upper
146 100
111 46.2 31.1 57.9
148 64.6 43.2 80.2



#65
1,4-Dichlorobenzene
Concen: 5.414 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU057544.D
Acq: 17 Jan 2024 13:40

Tgt Ion:146 Resp: 178177
Ion Ratio Lower Upper
146 100
111 44.2 30.3 56.3
148 62.2 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.449 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU057544.D

Acq: 17 Jan 2024 13:40

Instrument :

MSVOA_U

ClientSampleId :

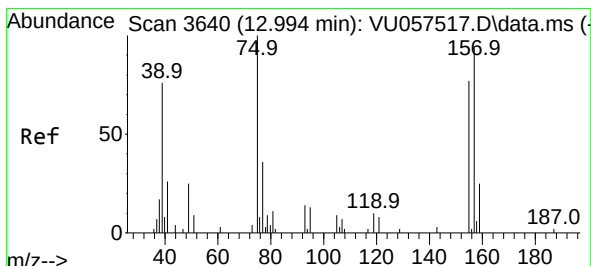
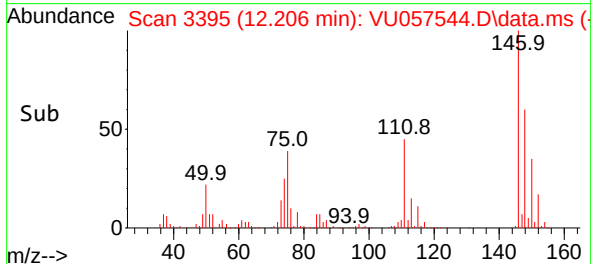
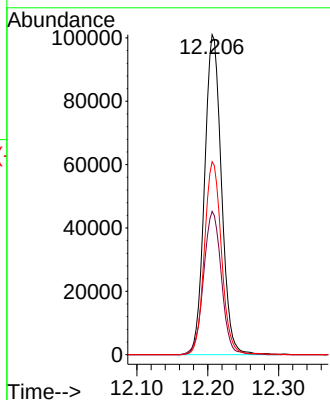
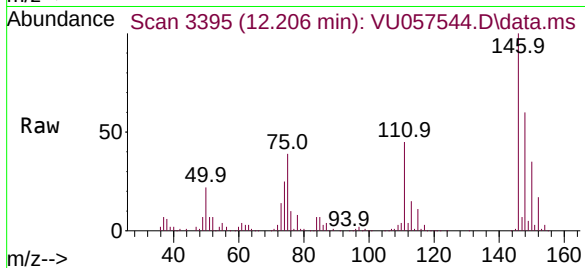
Tgt Ion:146 Resp: 167291

Ion Ratio Lower Upper

146 100

111 44.8 36.2 54.4

148 60.3 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.461 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU057544.D

Acq: 17 Jan 2024 13:40

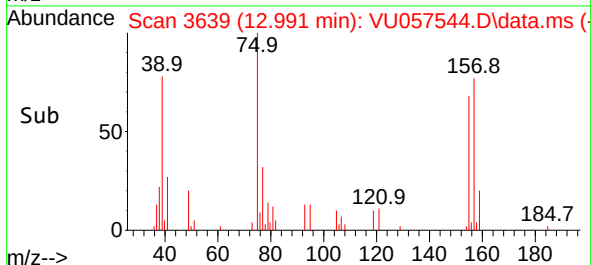
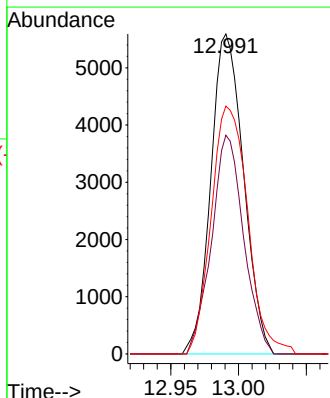
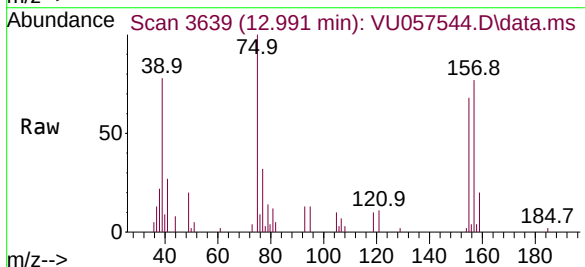
Tgt Ion: 75 Resp: 9375

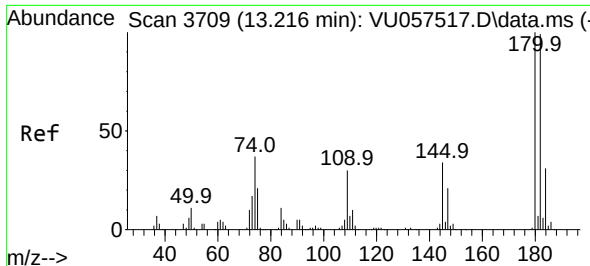
Ion Ratio Lower Upper

75 100

155 68.3 55.4 83.0

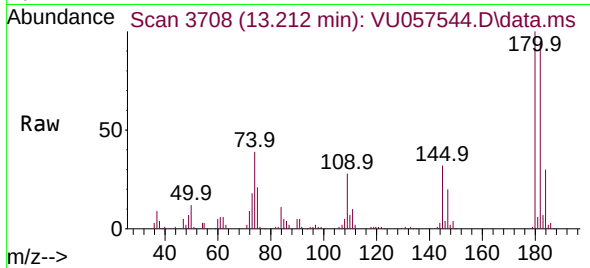
157 77.5 68.6 102.8



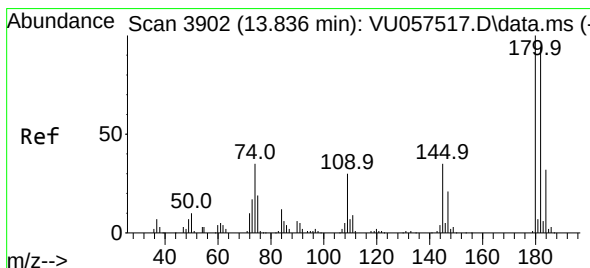
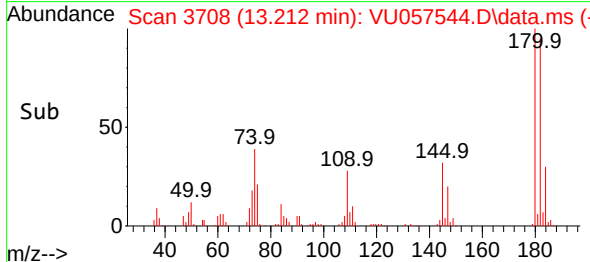
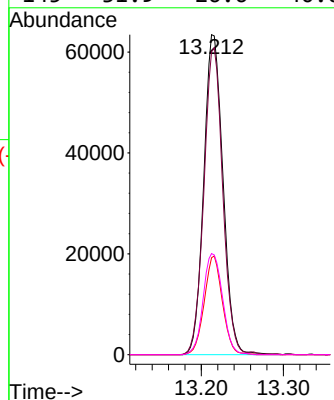


#69
 1,3,5-Trichlorobenzene
 Concen: 4.639 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU057544.D
 Acq: 17 Jan 2024 13:40

Instrument :
 MSVOA_U
 ClientSampleId :

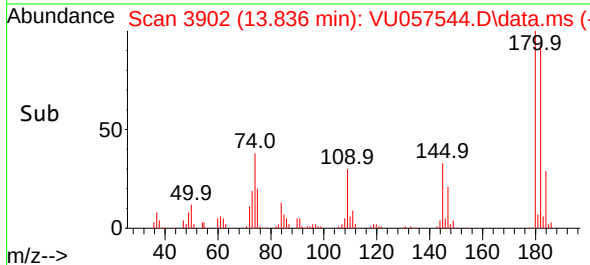
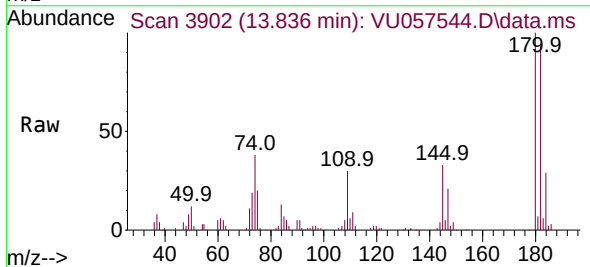
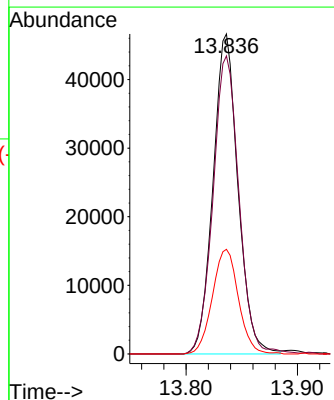


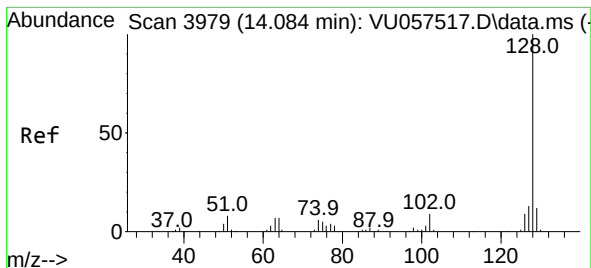
Tgt Ion:180 Resp: 103088
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.6 115.0
 184 29.2 24.6 37.0
 145 31.9 26.6 40.0



#70
 1,2,4-trichlorobenzene
 Concen: 4.819 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU057544.D
 Acq: 17 Jan 2024 13:40

Tgt Ion:180 Resp: 72514
 Ion Ratio Lower Upper
 180 100
 182 96.8 77.1 115.7
 145 34.2 27.6 41.4





#71

Naphthalene

Concen: 4.633 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU057544.D

Acq: 17 Jan 2024 13:40

Instrument :

MSVOA_U

ClientSampleId :

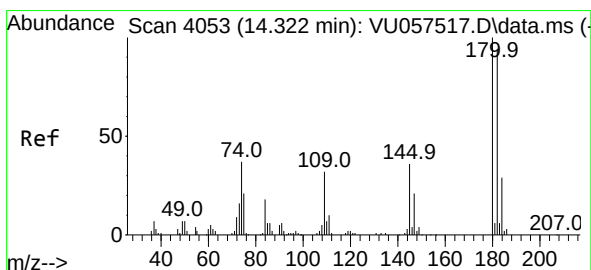
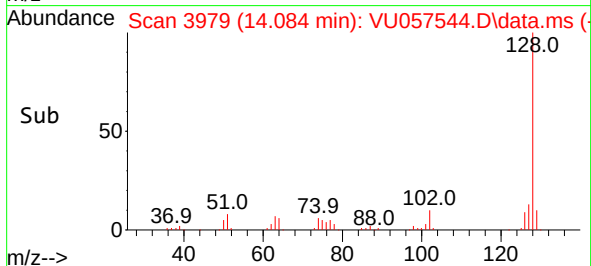
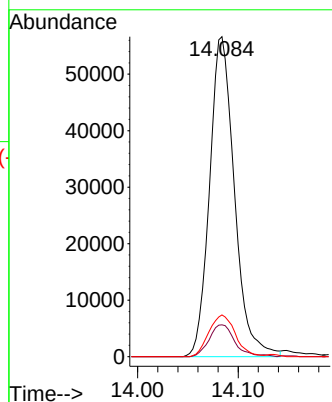
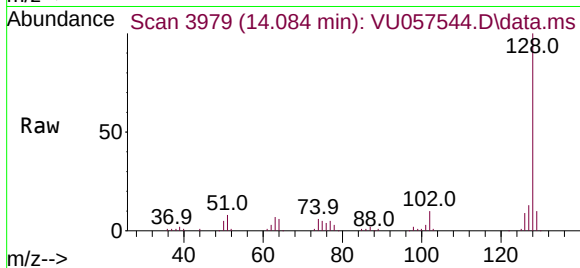
Tgt Ion:128 Resp: 97474

Ion Ratio Lower Upper

128 100

129 10.3 8.5 12.7

127 13.9 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 5.114 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU057544.D

Acq: 17 Jan 2024 13:40

Tgt Ion:180 Resp: 63014

Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.6

145 34.3 30.0 45.0

