

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057593.D
 Acq On : 24 Jan 2024 01:35
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 01:49:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:56:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	63170	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	57607	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	28159	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	17854	5.130	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.600%
7) Chloroethane-d5	1.914	69	14200	4.869	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.563	65	8321	5.084	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.600%
20) 2-Butanone-d5	4.637	46	36375	55.400	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.800%
24) Chloroform-d	5.055	84	37103	5.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	5.695	65	17001	5.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.721	84	71154	5.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
36) 1,2-Dichloropropane-d6	6.685	67	21288	5.223	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.891	98	67059	5.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
43) trans-1,3-Dichloroprop...	8.174	79	7909	4.869	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.627	63	26667	51.454	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.900%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	14562	5.330	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	21478	5.435	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	27173	5.077	ug/L	98
3) Chloromethane	1.518	50	26826	5.009	ug/L	100
5) Vinyl chloride	1.602	62	29341	5.147	ug/L	99
6) Bromomethane	1.856	94	15247	5.130	ug/L	96
8) Chloroethane	1.933	64	17624	5.162	ug/L	97
9) Trichlorofluoromethane	2.136	101	44270	5.214	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	25087	5.083	ug/L	99
12) 1,1-Dichloroethene	2.576	96	23660	5.154	ug/L	96
13) Acetone	2.660	43	29897	47.918	ug/L	99
14) Carbon disulfide	2.792	76	75638	5.082	ug/L	100
15) Methyl Acetate	2.959	43	7999	4.983	ug/L	95
16) Methylene chloride	3.042	84	25580	5.191	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	56180	5.146	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	24952	5.160	ug/L	99
19) 1,1-Dichloroethane	3.862	63	46324	5.188	ug/L	99
21) 2-Butanone	4.714	43	46865	47.887	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	27314	5.254	ug/L	96
23) Bromochloromethane	4.968	128	10893	5.216	ug/L	96
25) Chloroform	5.081	83	48694	5.139	ug/L	100

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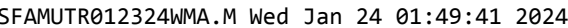
Instrument :
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 ClientSampleId :

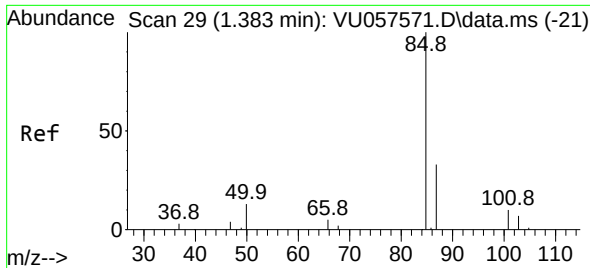
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	29009	5.256	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	44250	5.233	ug/L	98
30) Cyclohexane	5.383	56	42638	5.226	ug/L	97
31) Carbon tetrachloride	5.518	117	38347	5.140	ug/L	99
33) Benzene	5.769	78	104804	5.304	ug/L	100
34) Trichloroethene	6.537	95	28271	5.190	ug/L	98
35) Methylcyclohexane	6.756	83	44871	5.099	ug/L	98
37) 1,2-Dichloropropane	6.785	63	26008	5.261	ug/L	99
38) Bromodichloromethane	7.100	83	33556	5.045	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	39067	5.085	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	123042	52.163	ug/L	100
42) Toluene	7.962	91	111925	5.254	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	30829	4.938	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	17069	5.309	ug/L	97
47) Tetrachloroethene	8.547	164	20956	5.235	ug/L	97
48) 2-Hexanone	8.679	43	84053	50.783	ug/L	96
49) Dibromochloromethane	8.804	129	21479	5.159	ug/L	100
50) 1,2-Dibromoethane	8.917	107	16076	5.152	ug/L	100
51) Chlorobenzene	9.441	112	70620	5.285	ug/L	100
52) Ethylbenzene	9.563	91	126050	5.251	ug/L	99
53) m,p-Xylene	9.688	106	45208	5.104	ug/L	98
54) o-Xylene	10.094	106	44971	5.208	ug/L	100
55) Styrene	10.110	104	69180	5.237	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	20108	5.155	ug/L	98
59) Bromoform	10.283	173	11418	4.991	ug/L	99
60) Isopropylbenzene	10.476	105	111829	5.069	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	14041	4.968	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	99909	5.081	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	99714	5.068	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	50955	5.060	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	49034	5.087	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	44472	4.949	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	3059	5.750	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	35622	4.819	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	26111	4.822	ug/L	99
71) Naphthalene	14.081	128	37354	4.873	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	20261	4.807	ug/L	96

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

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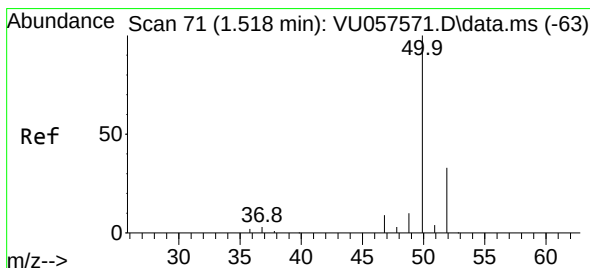
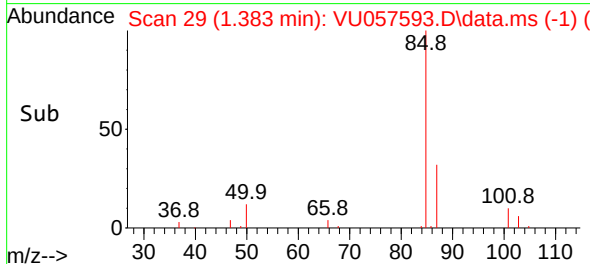
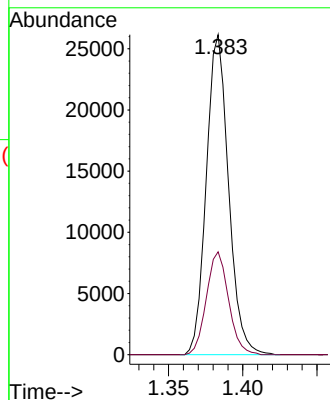
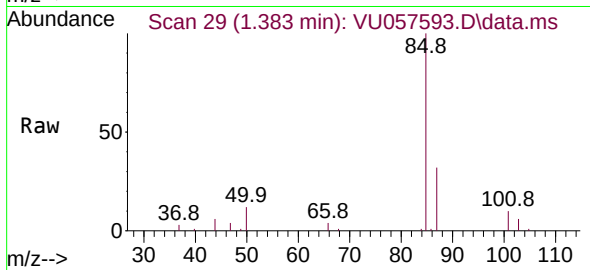




#2
 Dichlorodifluoromethane
 Concen: 5.077 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU057593.D
 Acq: 24 Jan 2024 01:35

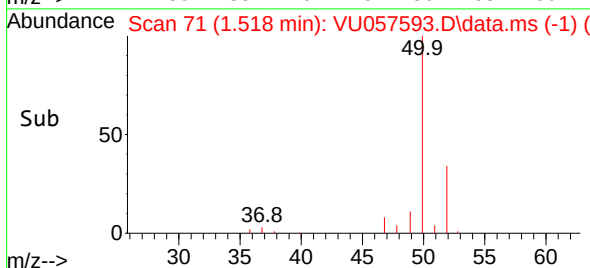
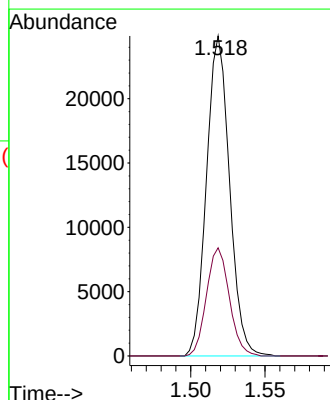
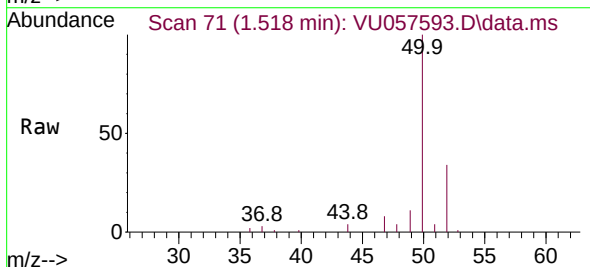
Instrument :
 MSVOA_U
 ClientSampleId :

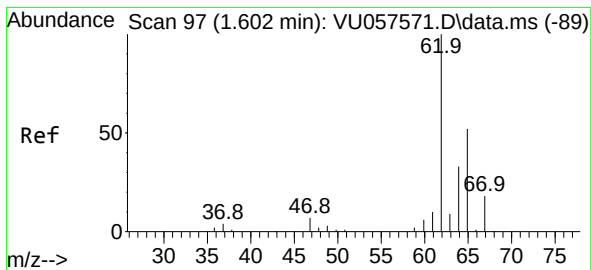
Tgt Ion: 85 Resp: 27173
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.4 39.6



#3
 Chloromethane
 Concen: 5.009 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU057593.D
 Acq: 24 Jan 2024 01:35

Tgt Ion: 50 Resp: 26826
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.7 43.9





#5

Vinyl chloride

Concen: 5.147 ug/L

RT: 1.602 min Scan# 97

Delta R.T. 0.000 min

Lab File: VU057593.D

Acq: 24 Jan 2024 01:35

Instrument :

MSVOA_U

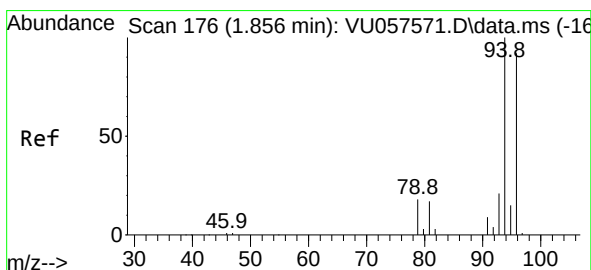
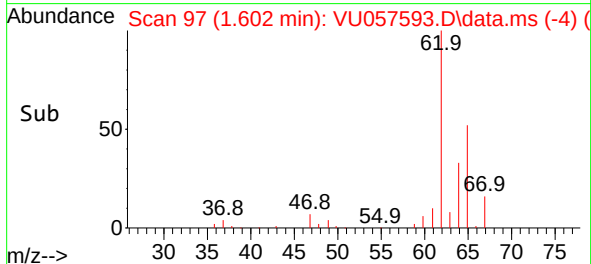
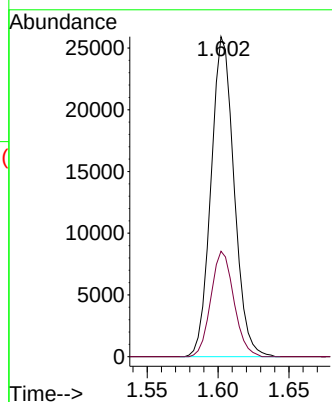
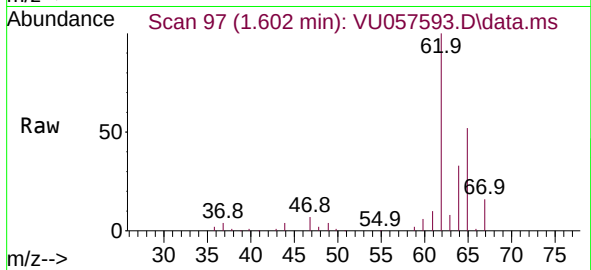
ClientSampleId :

Tgt Ion: 62 Resp: 29341

Ion Ratio Lower Upper

62 100

64 32.9 22.8 42.4



#6

Bromomethane

Concen: 5.130 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU057593.D

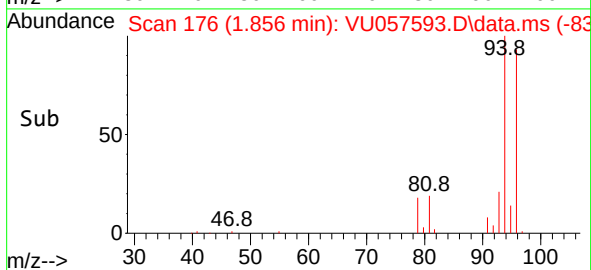
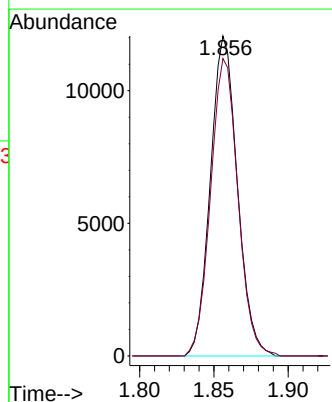
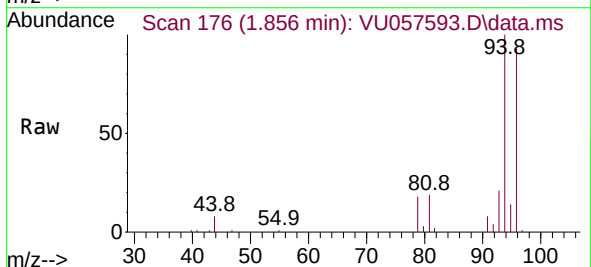
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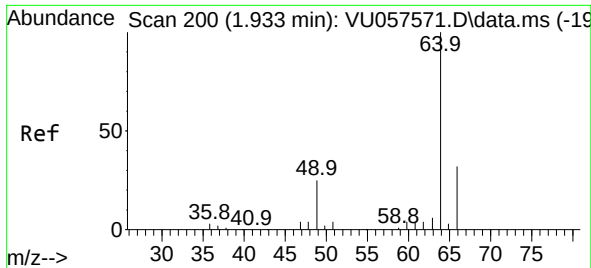
Tgt Ion: 94 Resp: 15247

Ion Ratio Lower Upper

94 100

96 93.0 68.0 126.4

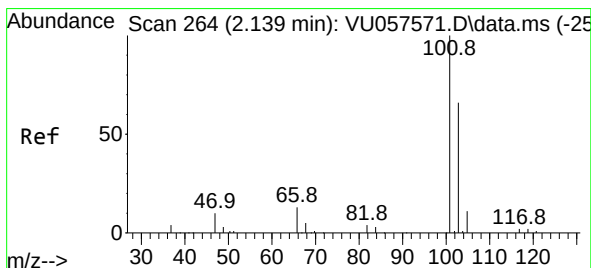
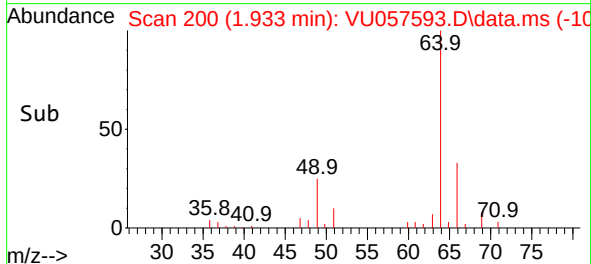
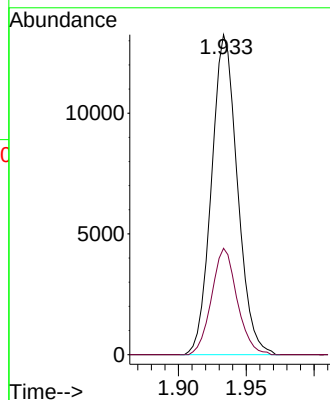
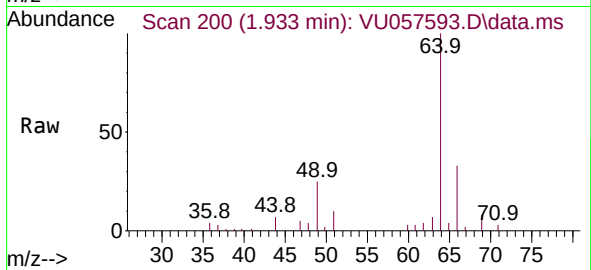




#8
Chloroethane
Concen: 5.162 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU057593.D
Acq: 24 Jan 2024 01:35

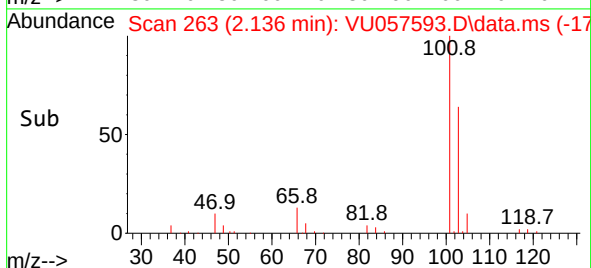
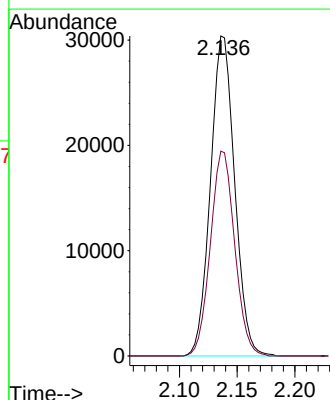
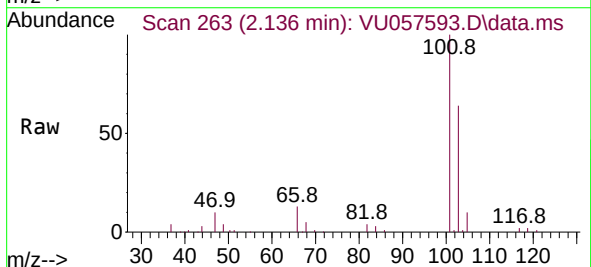
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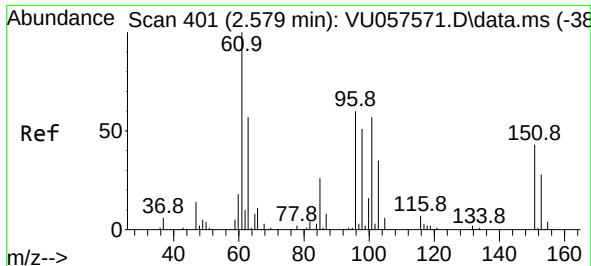
Tgt Ion: 64 Resp: 17624
Ion Ratio Lower Upper
64 100
66 33.2 24.5 45.5



#9
Trichlorofluoromethane
Concen: 5.214 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.003 min
Lab File: VU057593.D
Acq: 24 Jan 2024 01:35

Tgt Ion:101 Resp: 44270
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.2

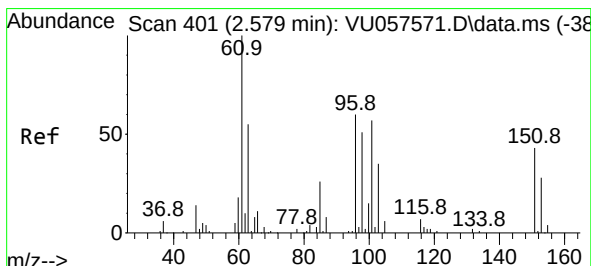
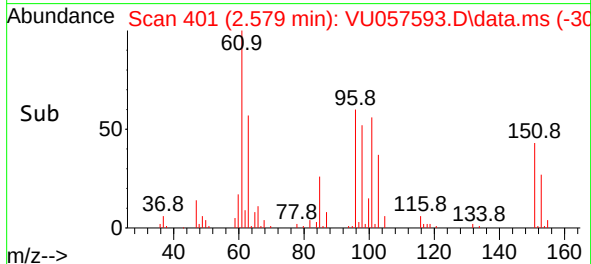
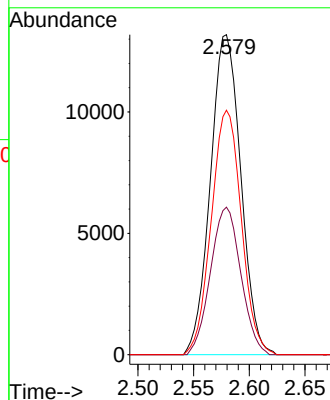
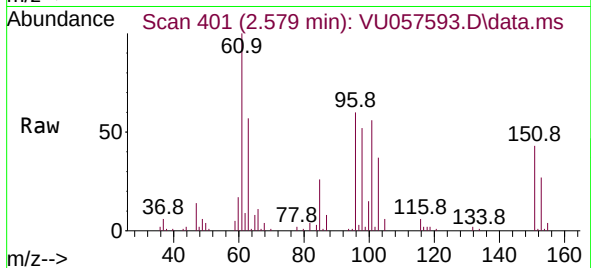




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.083 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU057593.D
 Acq: 24 Jan 2024 01:35

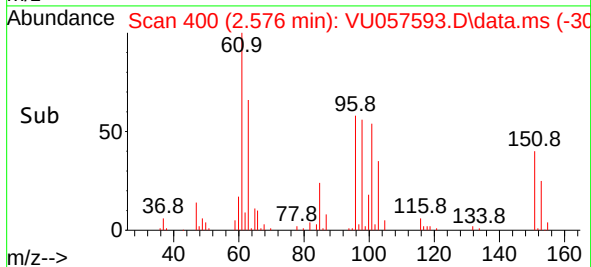
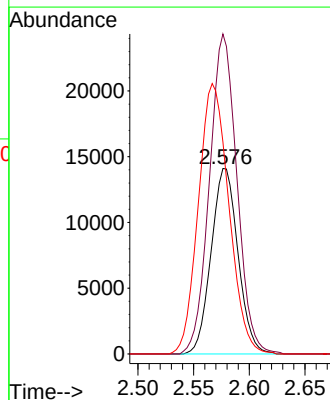
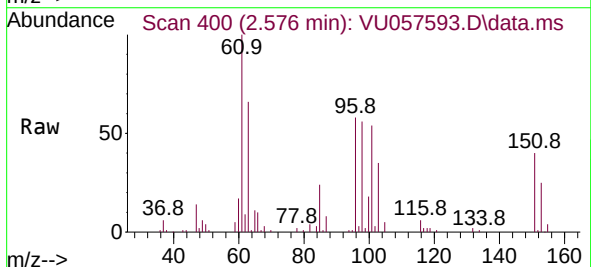
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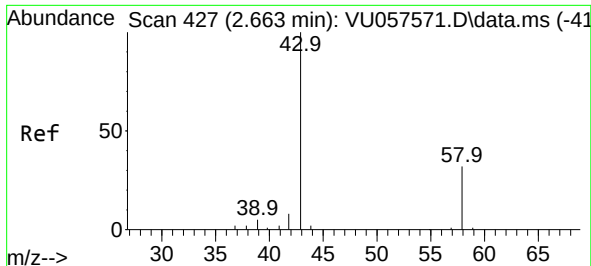
Tgt Ion:101 Resp: 25087
 Ion Ratio Lower Upper
 101 100
 85 45.9 35.8 53.8
 151 75.4 60.0 90.0



#12
 1,1-Dichloroethene
 Concen: 5.154 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.003 min
 Lab File: VU057593.D
 Acq: 24 Jan 2024 01:35

Tgt Ion: 96 Resp: 23660
 Ion Ratio Lower Upper
 96 100
 61 172.5 120.7 224.1
 63 114.3 72.5 134.7





#13

Acetone

Concen: 47.918 ug/L

RT: 2.660 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU057593.D

Acq: 24 Jan 2024 01:35

Instrument :

MSVOA_U

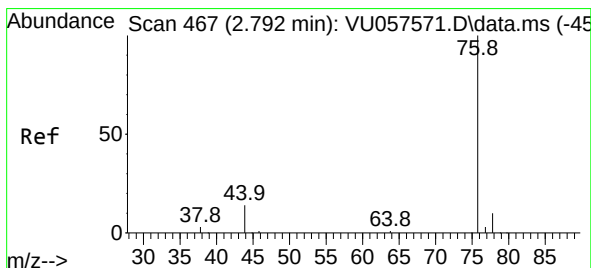
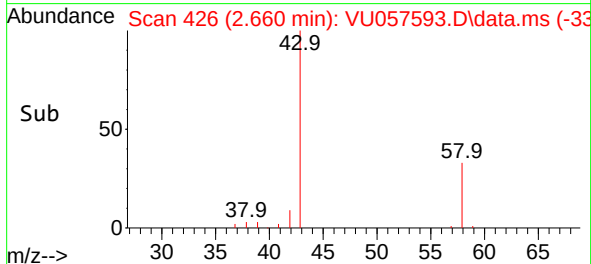
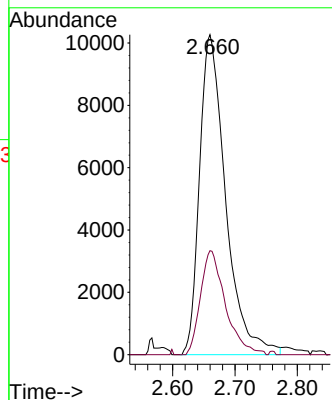
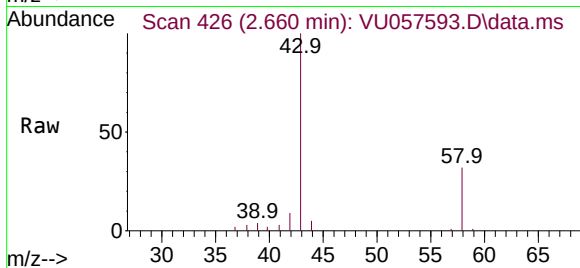
ClientSampleId :

Tgt Ion: 43 Resp: 29897

Ion Ratio Lower Upper

43 100

58 31.0 0.0 61.4



#14

Carbon disulfide

Concen: 5.082 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU057593.D

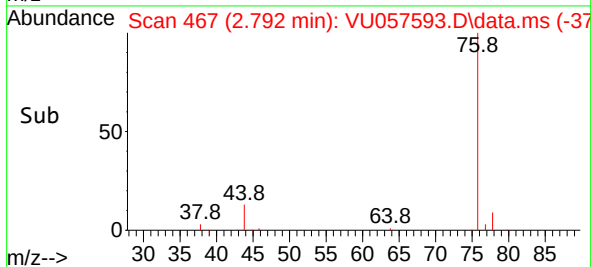
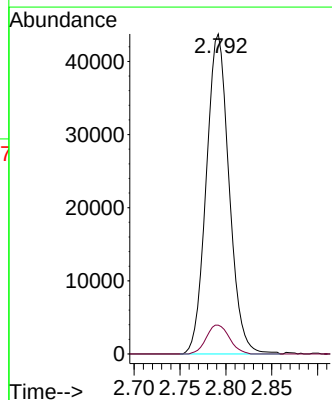
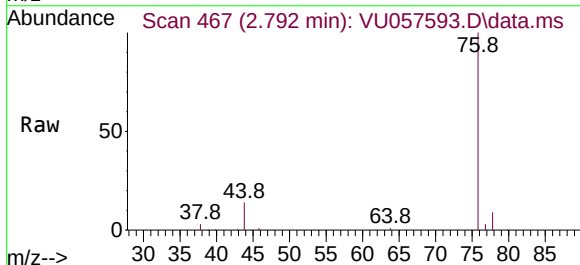
Acq: 24 Jan 2024 01:35

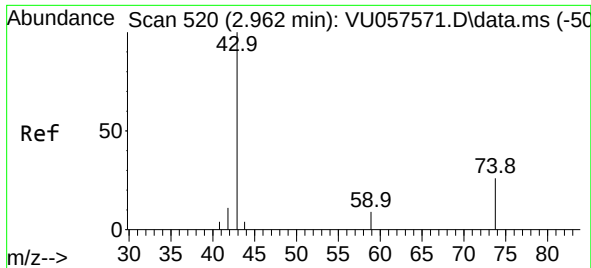
Tgt Ion: 76 Resp: 75638

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

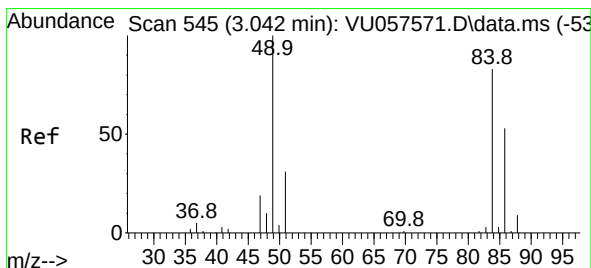
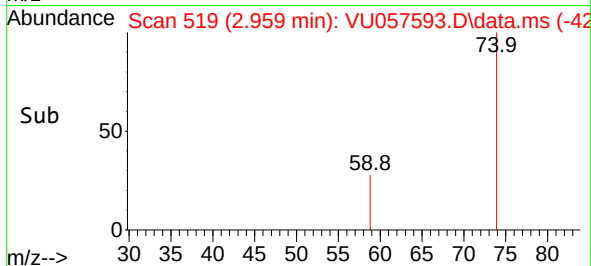
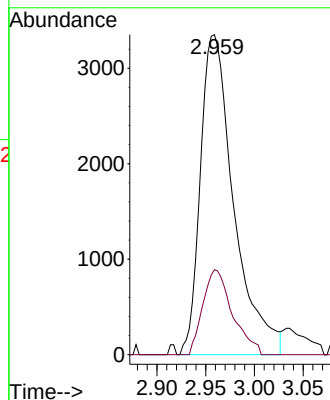
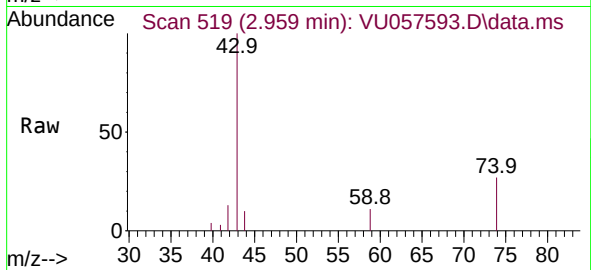




#15
Methyl Acetate
Concen: 4.983 ug/L
RT: 2.959 min Scan# 519
Delta R.T. -0.003 min
Lab File: VU057593.D
Acq: 24 Jan 2024 01:35

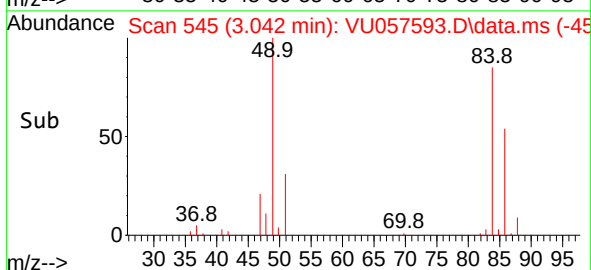
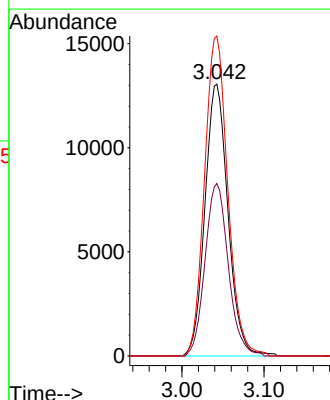
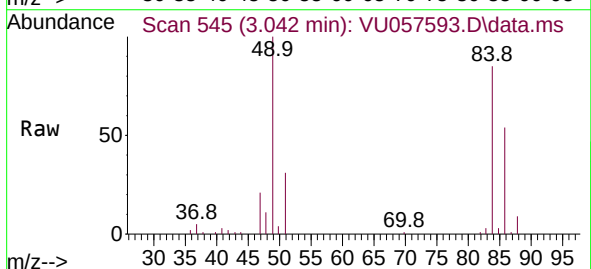
Instrument :
MSVOA_U
ClientSampleId :

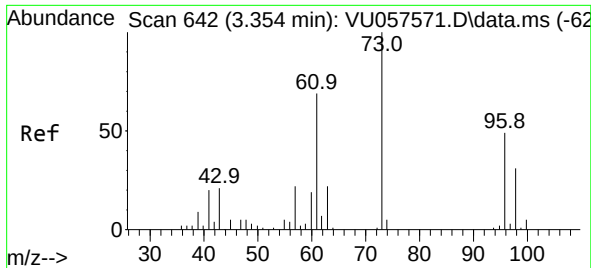
Tgt Ion: 43 Resp: 7999
Ion Ratio Lower Upper
43 100
74 23.5 20.7 31.1



#16
Methylene chloride
Concen: 5.191 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU057593.D
Acq: 24 Jan 2024 01:35

Tgt Ion: 84 Resp: 25580
Ion Ratio Lower Upper
84 100
86 63.4 43.5 80.9
49 122.7 82.5 153.1

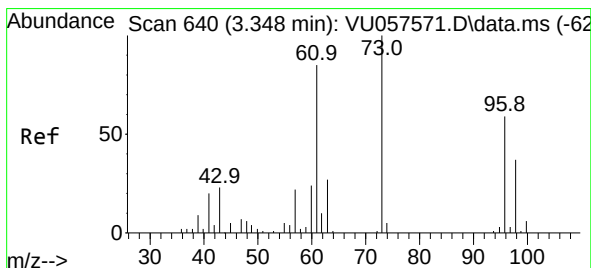
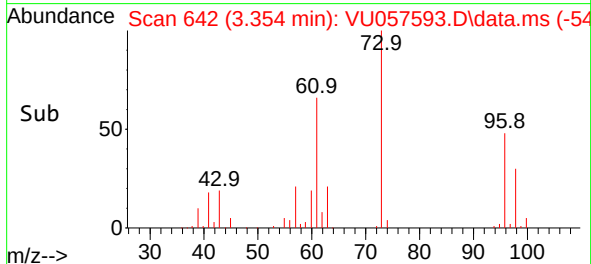
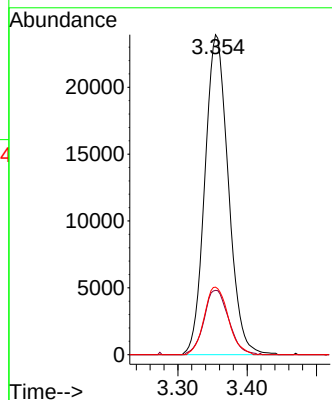
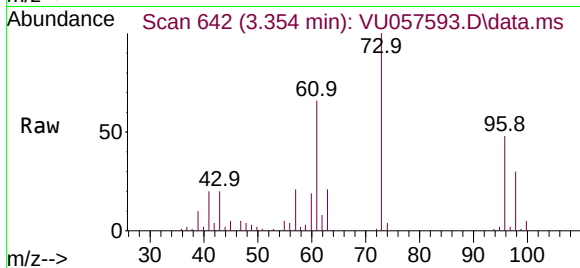




#17
Methyl tert-butyl Ether
Concen: 5.146 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU057593.D
Acq: 24 Jan 2024 01:35

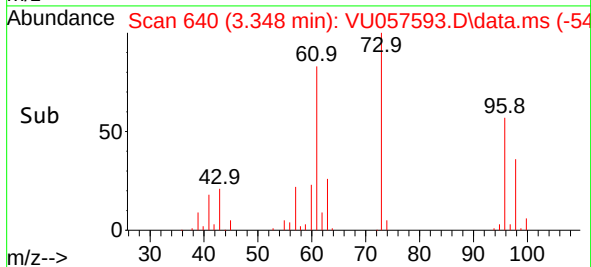
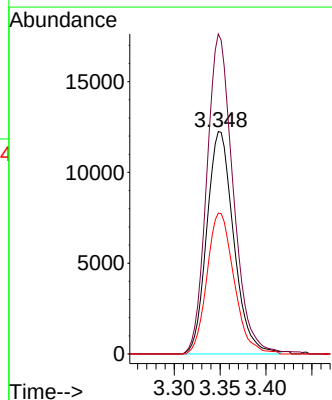
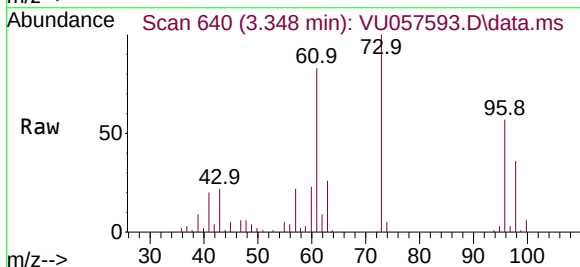
Instrument :
MSVOA_U
ClientSampleId :

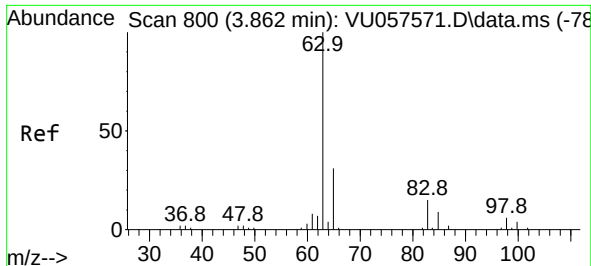
Tgt Ion: 73	Resp: 56180
Ion Ratio	Lower Upper
73 100	
43 21.3	17.3 25.9
57 21.7	17.7 26.5



#18
trans-1,2-Dichloroethene
Concen: 5.160 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU057593.D
Acq: 24 Jan 2024 01:35

Tgt Ion: 96	Resp: 24952
Ion Ratio	Lower Upper
96 100	
61 143.8	99.3 184.5
98 63.3	44.5 82.7





#19

1,1-Dichloroethane

Concen: 5.188 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.000 min

Lab File: VU057593.D

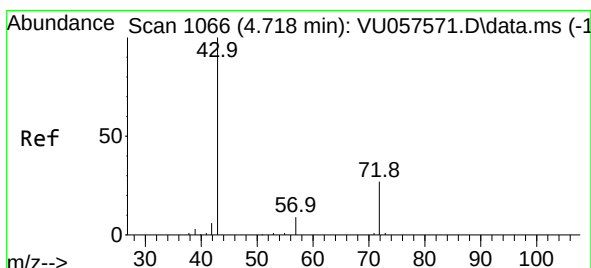
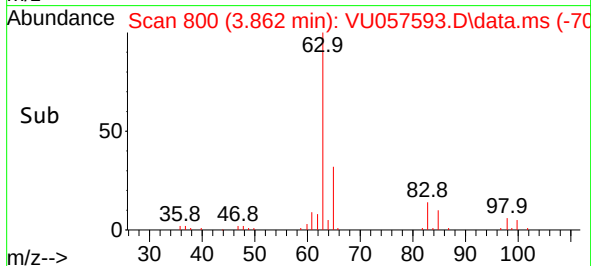
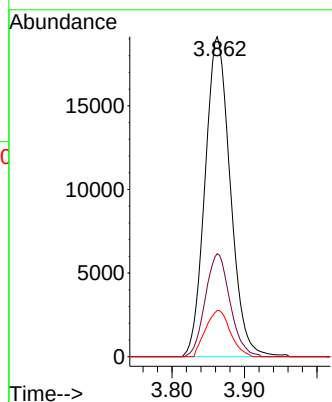
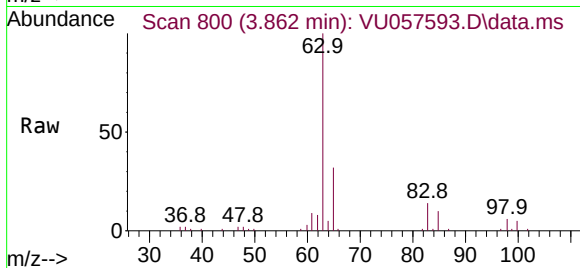
Acq: 24 Jan 2024 01:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	46324
Ion	Ratio	Lower	Upper
63	100		
65	32.9	23.0	42.8
83	14.5	9.7	17.9



#21

2-Butanone

Concen: 47.887 ug/L

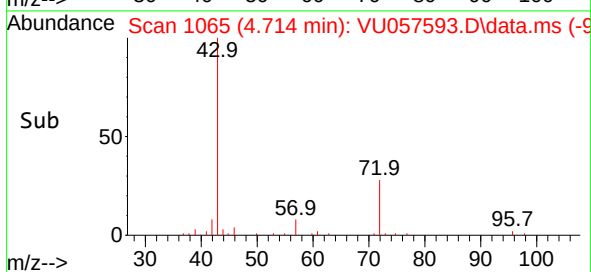
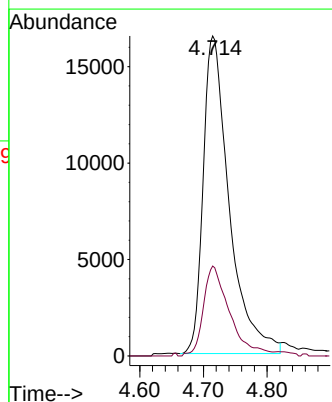
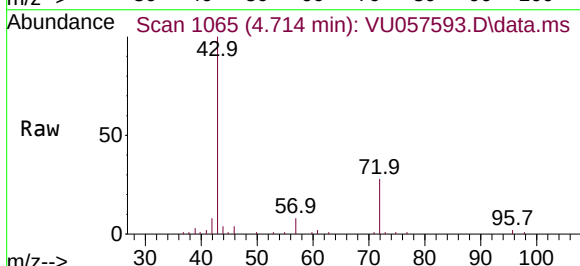
RT: 4.714 min Scan# 1065

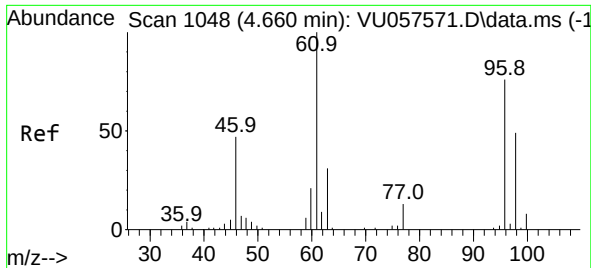
Delta R.T. -0.003 min

Lab File: VU057593.D

Acq: 24 Jan 2024 01:35

Tgt Ion:	43	Resp:	46865
Ion	Ratio	Lower	Upper
43	100		
72	28.5	14.7	44.1

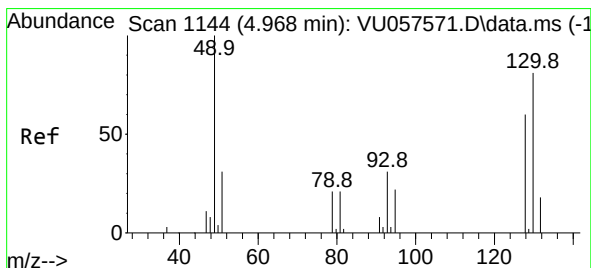
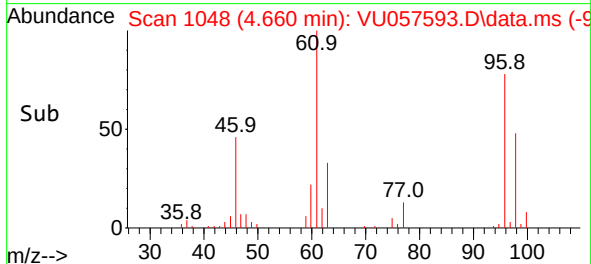
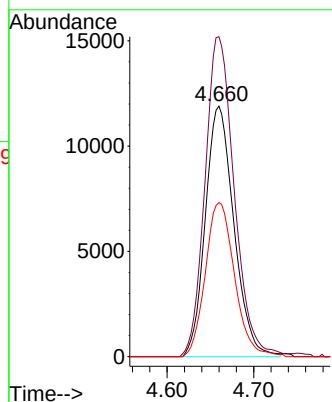
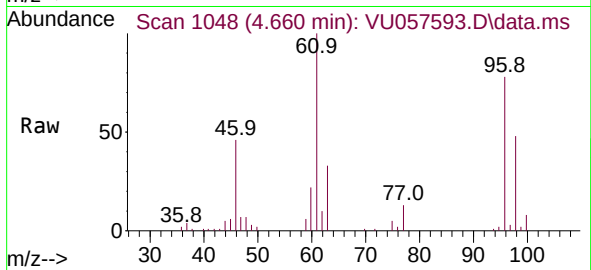




#22
 cis-1,2-Dichloroethene
 Concen: 5.254 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU057593.D
 Acq: 24 Jan 2024 01:35

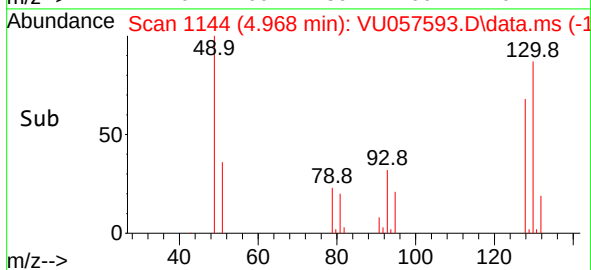
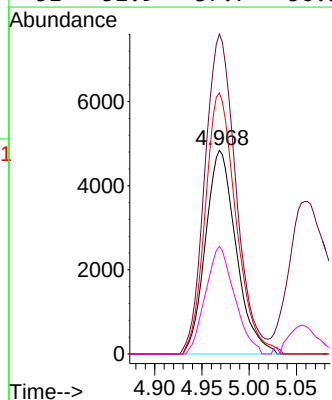
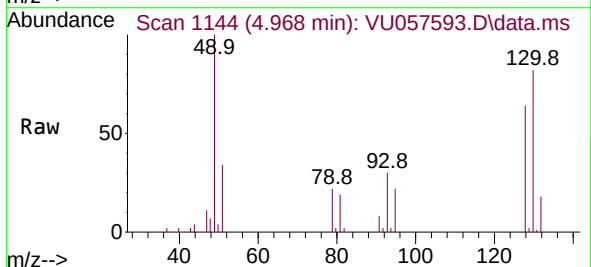
Instrument :
 MSVOA_U
 ClientSampleId :

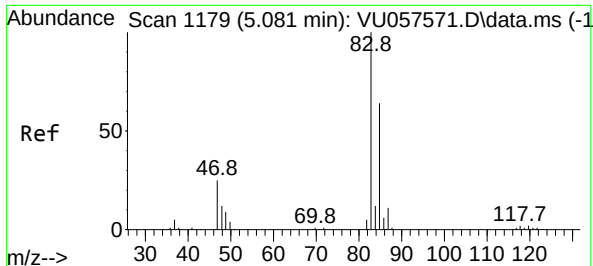
Tgt Ion: 96 Resp: 27314
 Ion Ratio Lower Upper
 96 100
 61 127.7 92.7 172.1
 98 61.5 44.9 83.5



#23
 Bromochloromethane
 Concen: 5.216 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU057593.D
 Acq: 24 Jan 2024 01:35

Tgt Ion: 128 Resp: 10893
 Ion Ratio Lower Upper
 128 100
 49 162.8 111.5 207.1
 130 128.2 87.2 162.0
 51 52.9 37.7 56.5





#25

Chloroform

Concen: 5.139 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU057593.D

Acq: 24 Jan 2024 01:35

Instrument :

MSVOA_U

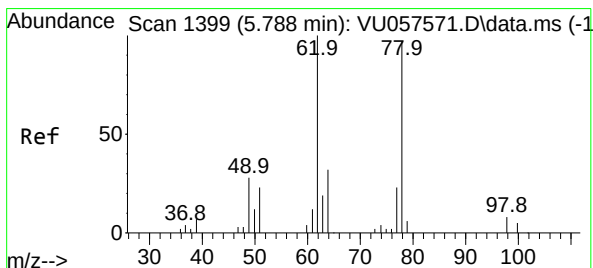
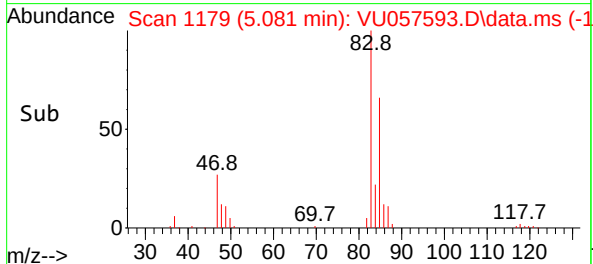
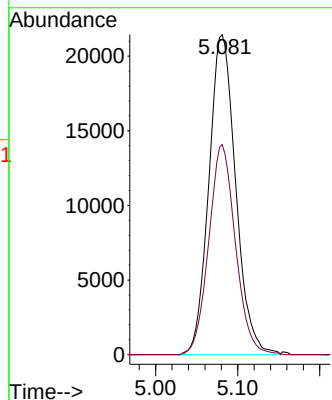
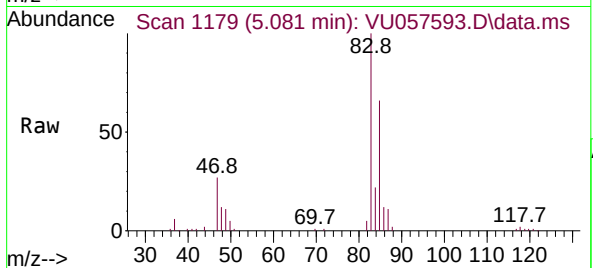
ClientSampleId :

Tgt Ion: 83 Resp: 48694

Ion Ratio Lower Upper

83 100

85 65.6 46.1 85.5



#27

1,2-Dichloroethane

Concen: 5.256 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU057593.D

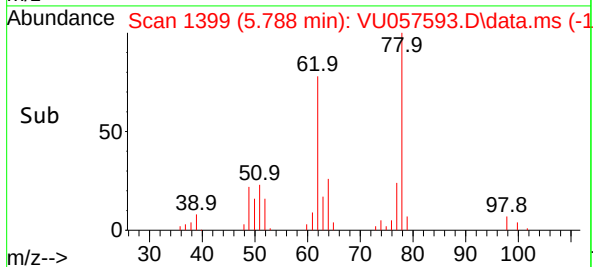
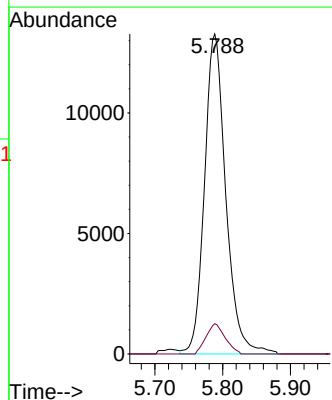
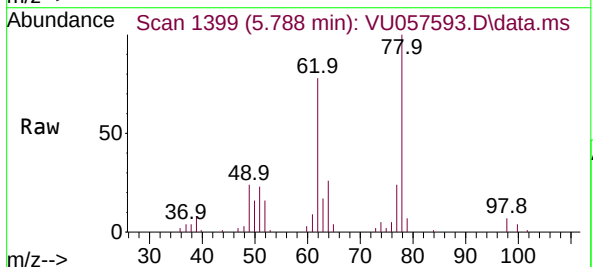
Acq: 24 Jan 2024 01:35

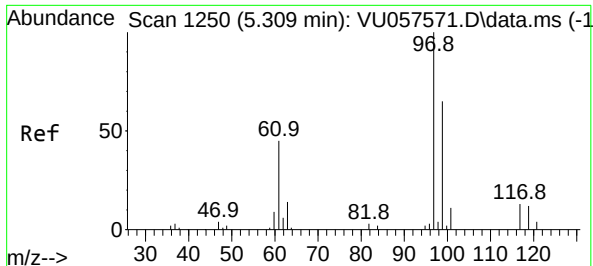
Tgt Ion: 62 Resp: 29009

Ion Ratio Lower Upper

62 100

98 9.5 6.9 10.3

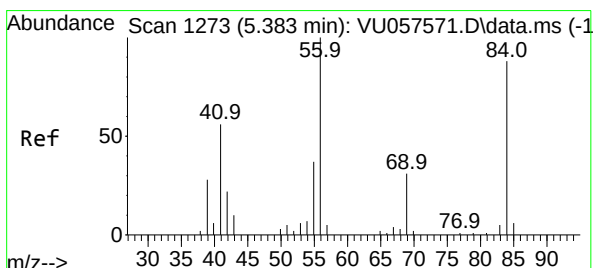
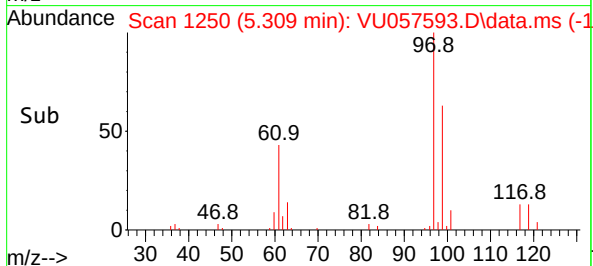
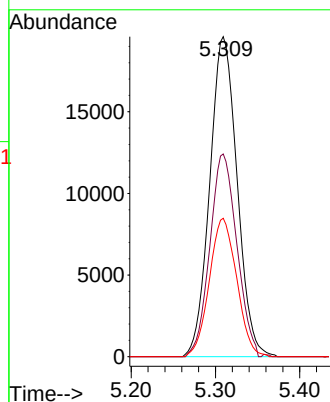
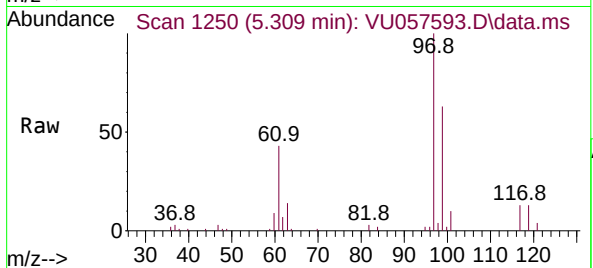




#29
1,1,1-Trichloroethane
Concen: 5.233 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU057593.D
Acq: 24 Jan 2024 01:35

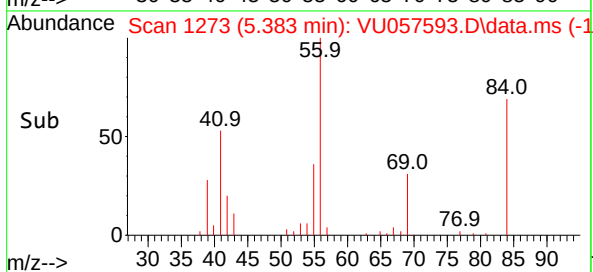
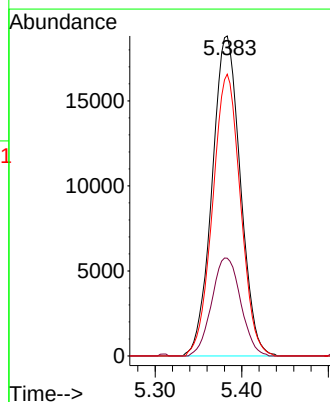
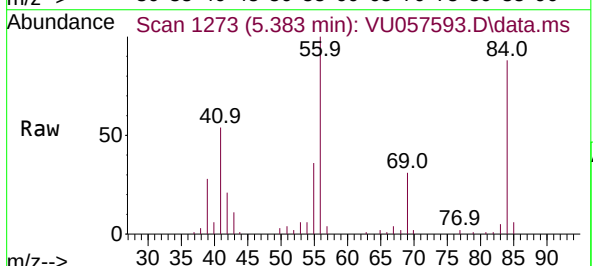
Instrument :
MSVOA_U
ClientSampleId :

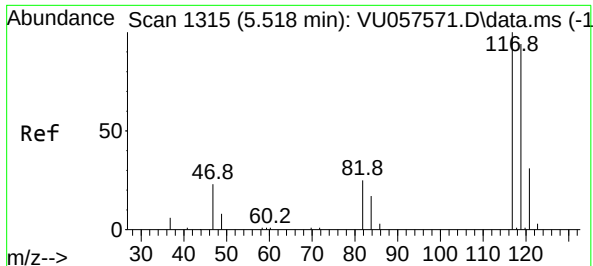
Tgt Ion: 97	Resp: 44250
Ion Ratio	Lower Upper
97 100	
99 62.4	52.0 78.0
61 43.2	35.3 52.9



#30
Cyclohexane
Concen: 5.226 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU057593.D
Acq: 24 Jan 2024 01:35

Tgt Ion: 56	Resp: 42638
Ion Ratio	Lower Upper
56 100	
69 31.4	25.8 38.8
84 86.7	72.0 108.0

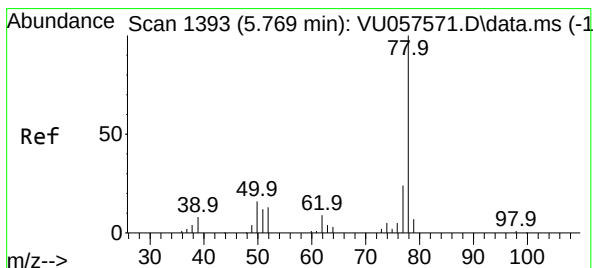
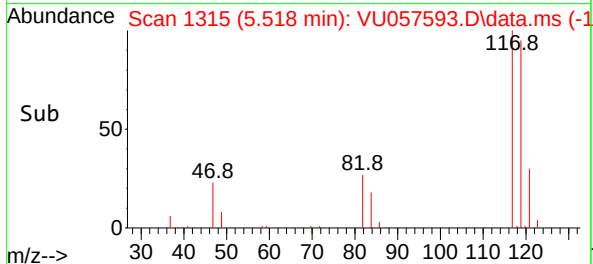
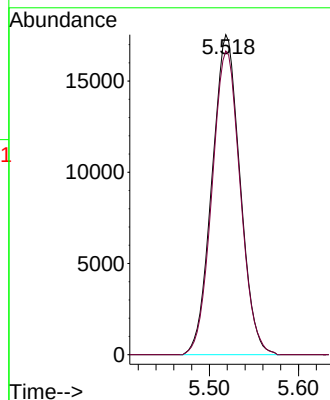
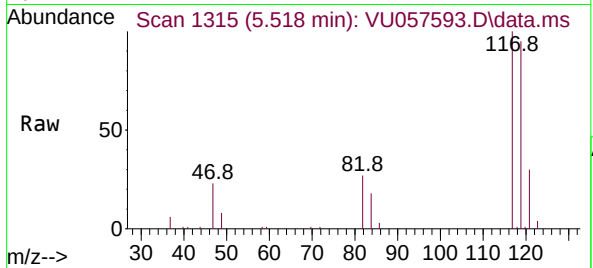




#31
Carbon tetrachloride
Concen: 5.140 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057593.D
Acq: 24 Jan 2024 01:35

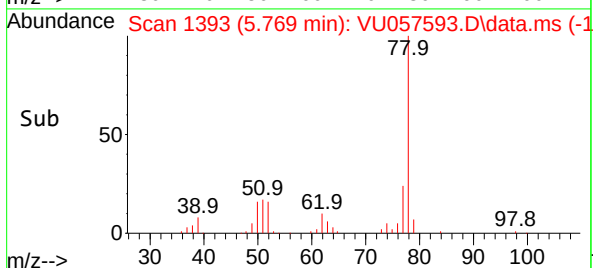
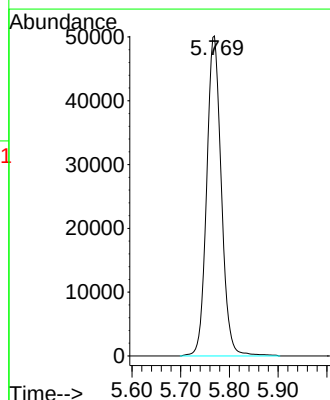
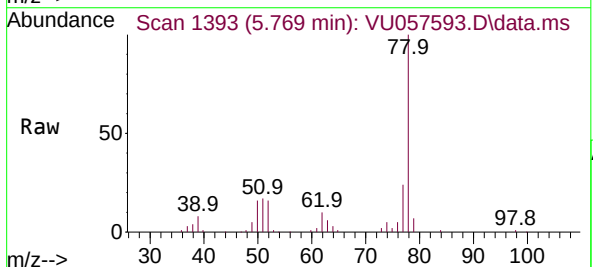
Instrument :
MSVOA_U
ClientSampleId :

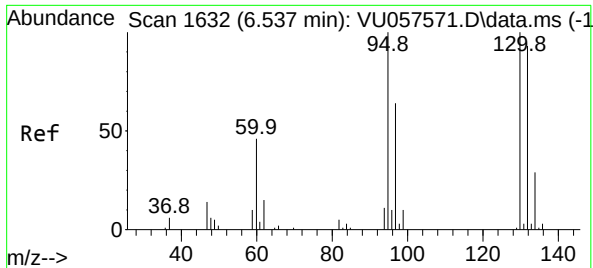
Tgt Ion:117 Resp: 38347
Ion Ratio Lower Upper
117 100
119 95.6 75.6 113.4



#33
Benzene
Concen: 5.304 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU057593.D
Acq: 24 Jan 2024 01:35

Tgt Ion: 78 Resp: 104804

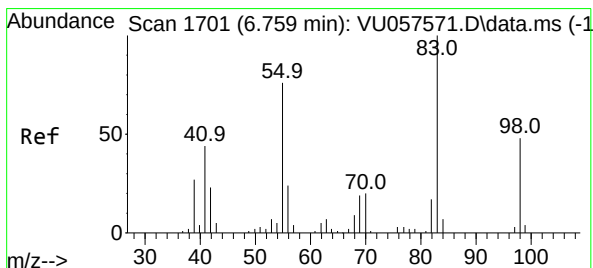
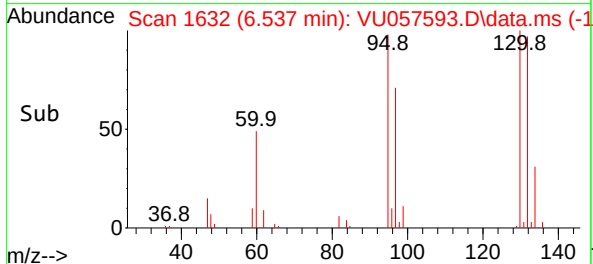
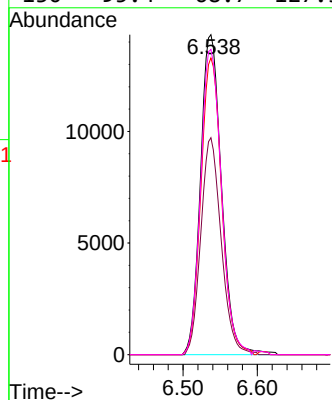
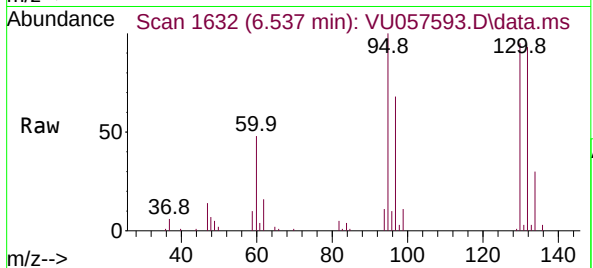




#34
Trichloroethene
Concen: 5.190 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU057593.D
Acq: 24 Jan 2024 01:35

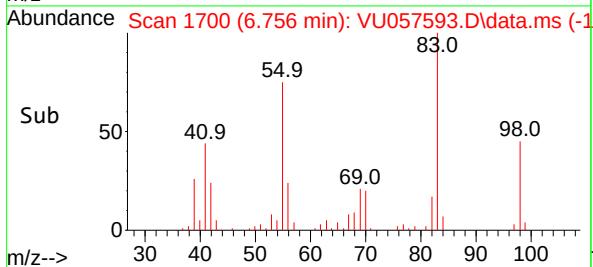
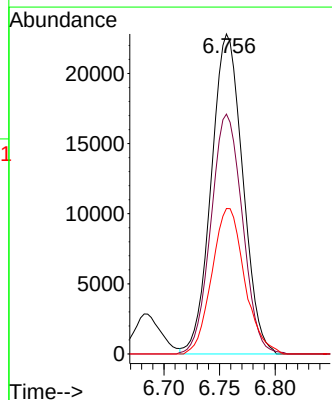
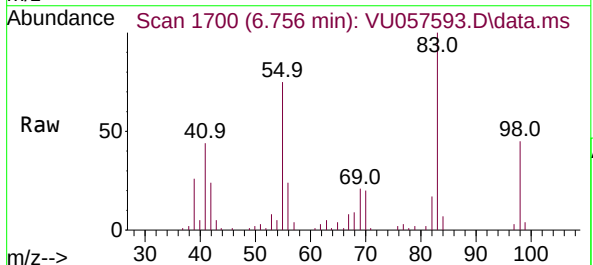
Instrument :
MSVOA_U
ClientSampleId :

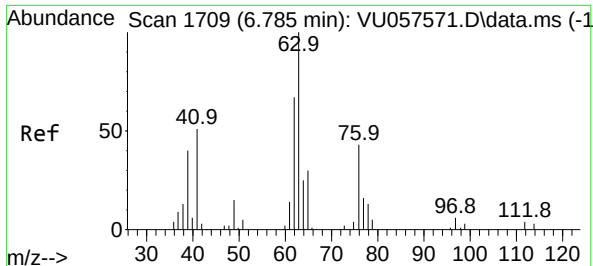
Tgt Ion: 95 Resp: 28271
Ion Ratio Lower Upper
95 100
97 67.8 46.1 85.5
132 92.8 66.1 122.8
130 95.4 68.7 127.5



#35
Methylcyclohexane
Concen: 5.099 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU057593.D
Acq: 24 Jan 2024 01:35

Tgt Ion: 83 Resp: 44871
Ion Ratio Lower Upper
83 100
55 75.0 61.4 92.0
98 47.2 38.2 57.4

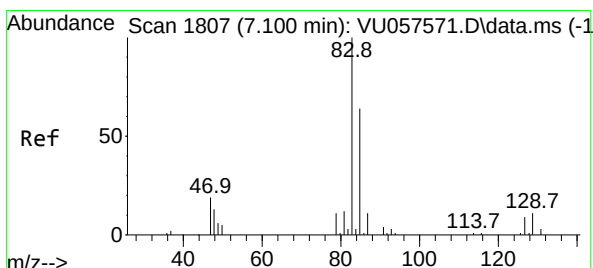
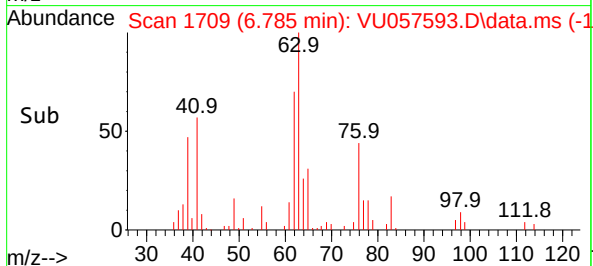
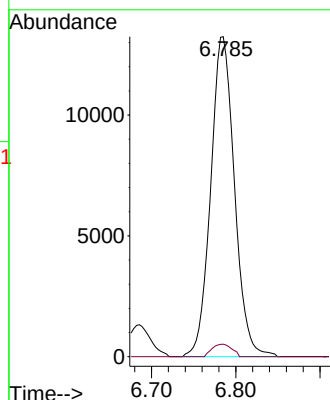
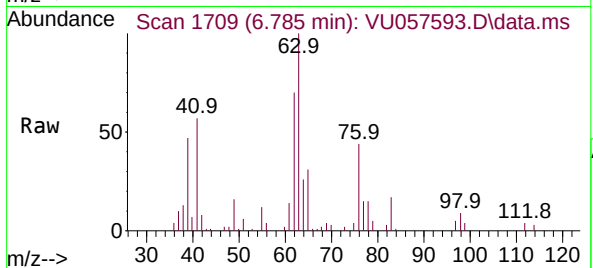




#37
1,2-Dichloropropane
Concen: 5.261 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057593.D
Acq: 24 Jan 2024 01:35

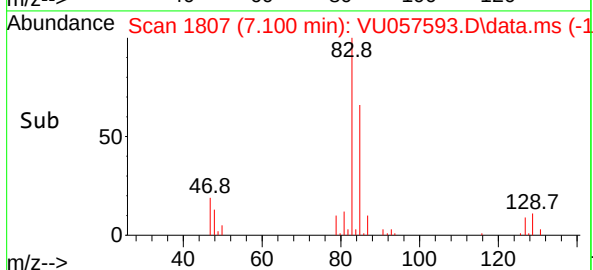
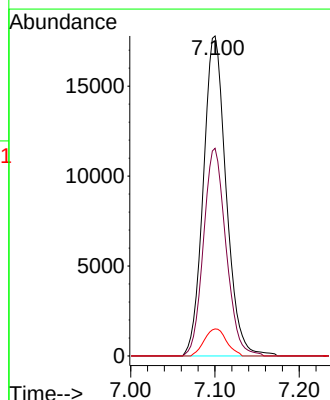
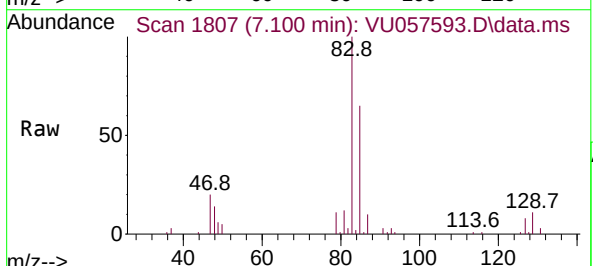
Instrument :
MSVOA_U
ClientSampleId :

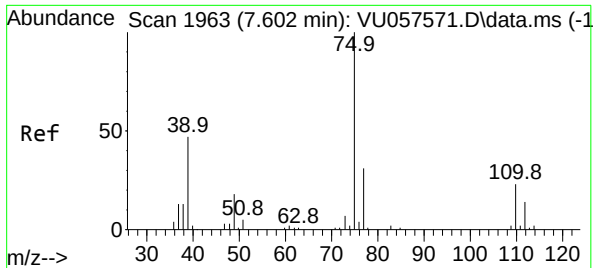
Tgt Ion: 63 Resp: 26008
Ion Ratio Lower Upper
63 100
112 3.2 3.0 4.4



#38
Bromodichloromethane
Concen: 5.045 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU057593.D
Acq: 24 Jan 2024 01:35

Tgt Ion: 83 Resp: 33556
Ion Ratio Lower Upper
83 100
85 64.9 44.7 83.1
127 8.5 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 5.085 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU057593.D

Acq: 24 Jan 2024 01:35

Instrument :

MSVOA_U

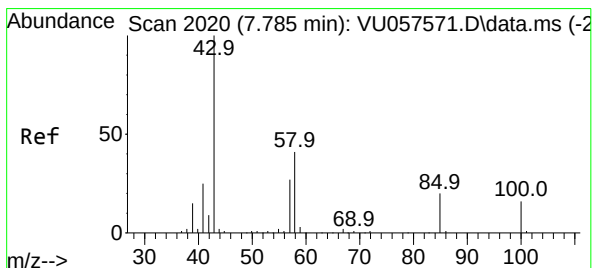
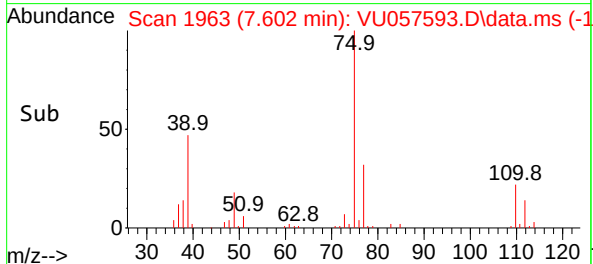
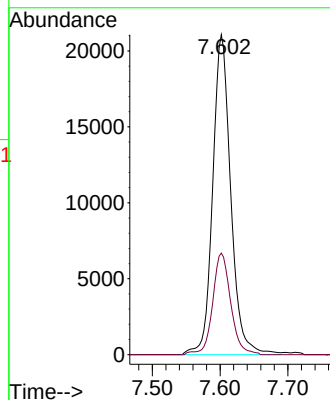
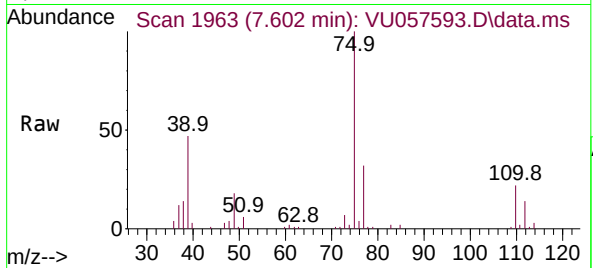
ClientSampleId :

Tgt Ion: 75 Resp: 39067

Ion Ratio Lower Upper

75 100

77 31.7 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 52.163 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU057593.D

Acq: 24 Jan 2024 01:35

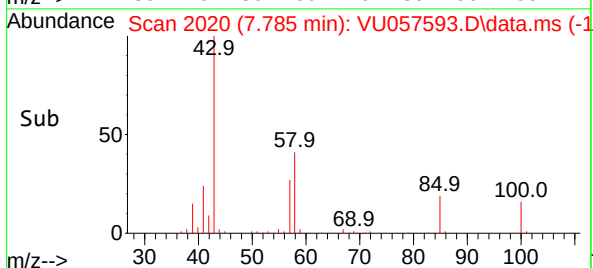
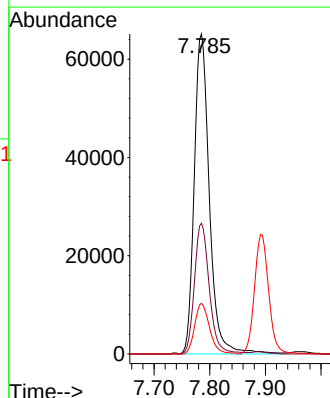
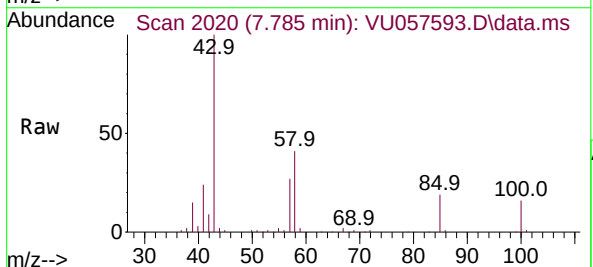
Tgt Ion: 43 Resp: 123042

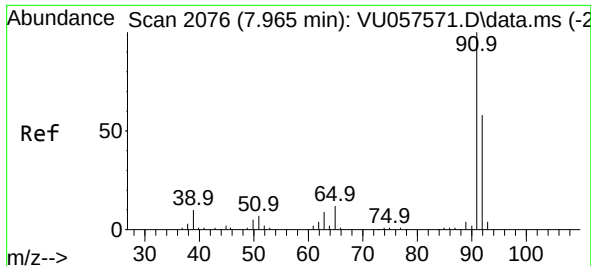
Ion Ratio Lower Upper

43 100

58 40.3 32.3 48.5

100 15.5 12.6 18.8





#42

Toluene

Concen: 5.254 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU057593.D

Acq: 24 Jan 2024 01:35

Instrument :

MSVOA_U

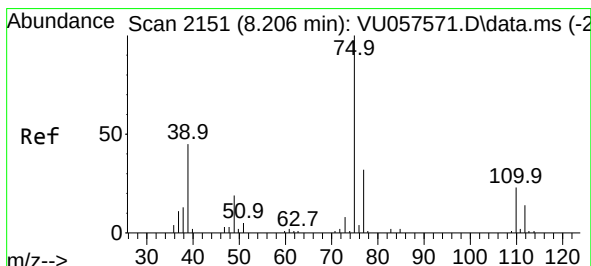
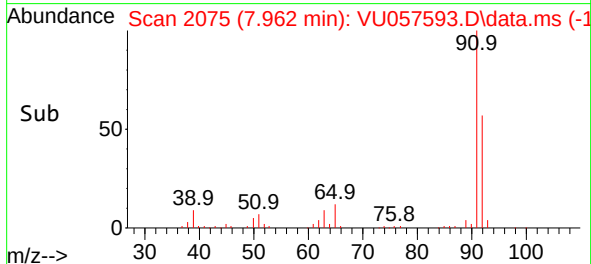
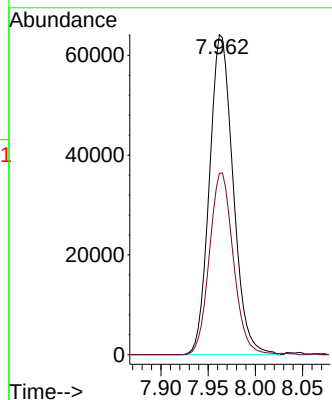
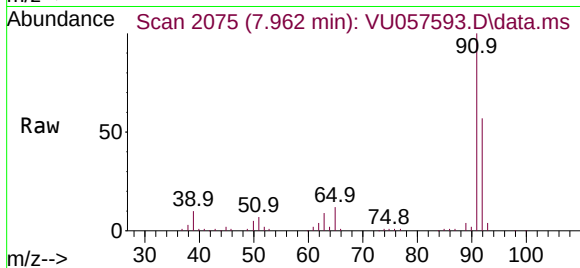
ClientSampleId :

Tgt Ion: 91 Resp: 111925

Ion Ratio Lower Upper

91 100

92 56.7 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.938 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU057593.D

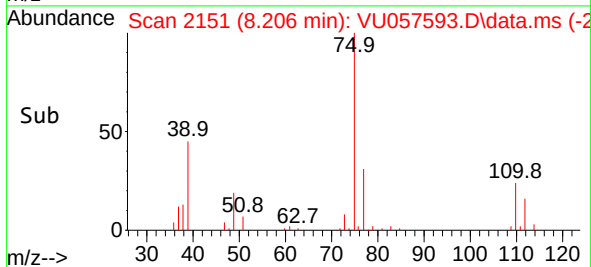
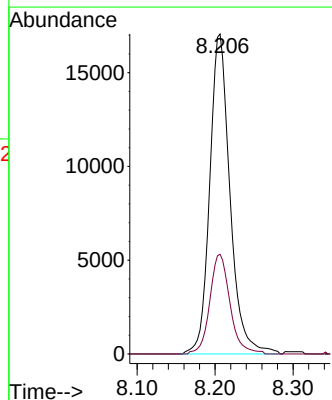
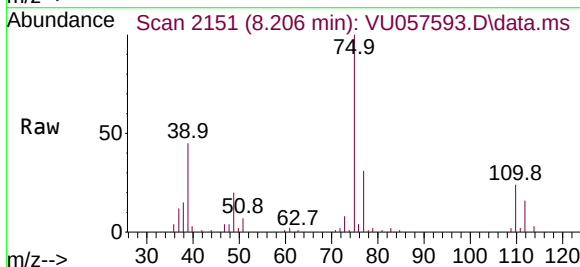
Acq: 24 Jan 2024 01:35

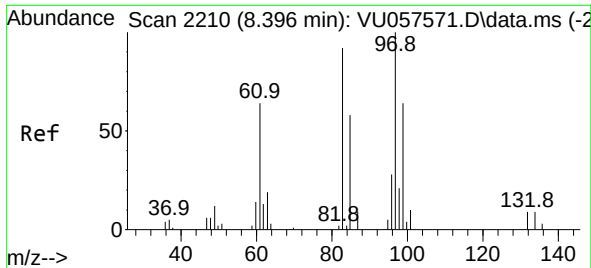
Tgt Ion: 75 Resp: 30829

Ion Ratio Lower Upper

75 100

77 31.2 21.3 39.6

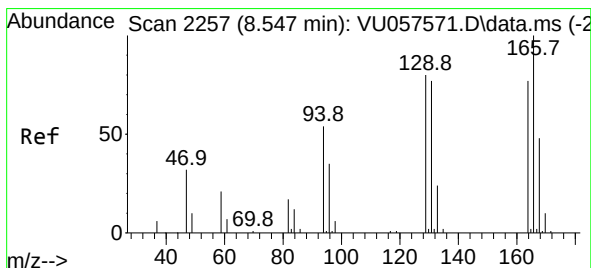
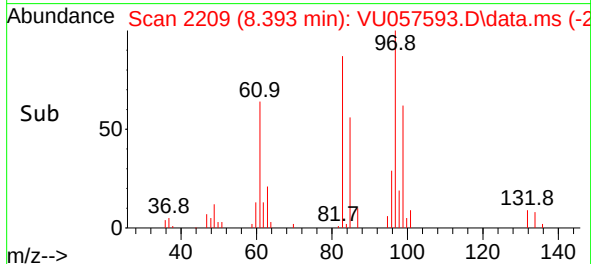
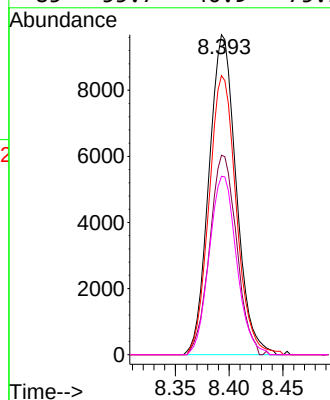
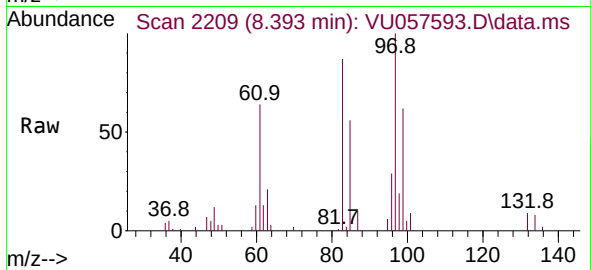




#45
1,1,2-Trichloroethane
Concen: 5.309 ug/L
RT: 8.393 min Scan# 2210
Delta R.T. -0.003 min
Lab File: VU057593.D
Acq: 24 Jan 2024 01:35

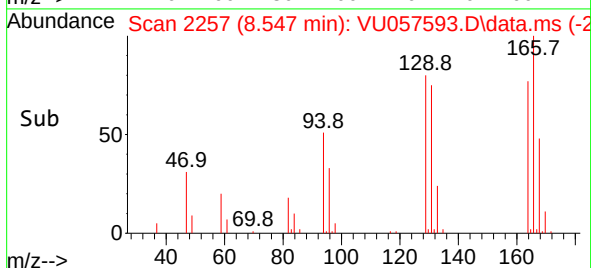
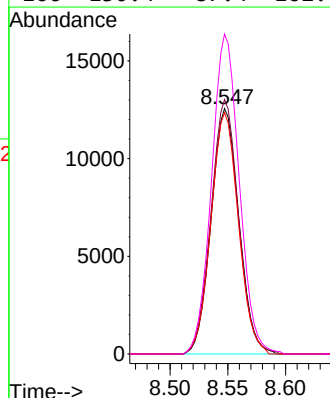
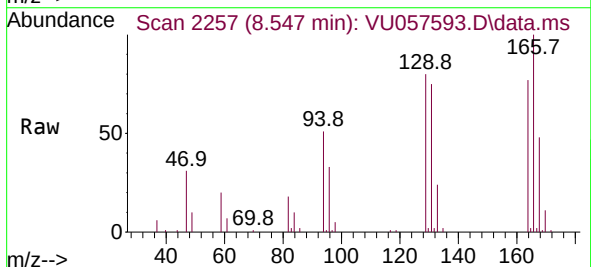
Instrument :
MSVOA_U
ClientSampleId :

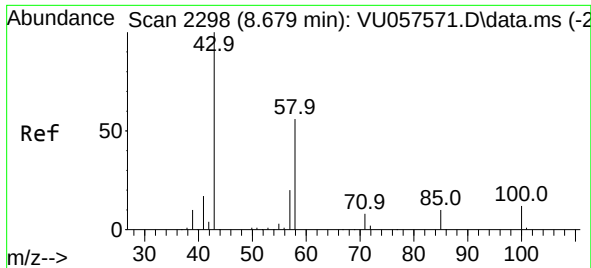
Tgt Ion:	97	Resp:	17069
Ion	Ratio	Lower	Upper
97	100		
99	62.3	45.1	83.7
83	87.2	62.3	115.7
85	55.7	40.9	75.9



#47
Tetrachloroethene
Concen: 5.235 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057593.D
Acq: 24 Jan 2024 01:35

Tgt Ion:	164	Resp:	20956
Ion	Ratio	Lower	Upper
164	100		
129	103.6	71.3	132.5
131	98.4	68.1	126.5
166	130.4	87.4	162.4

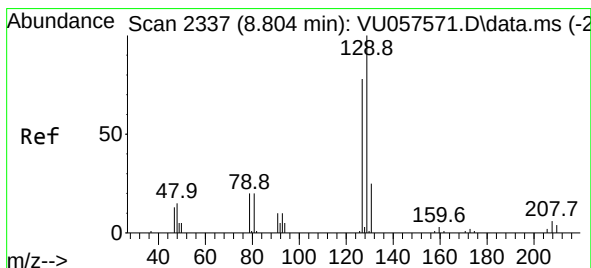
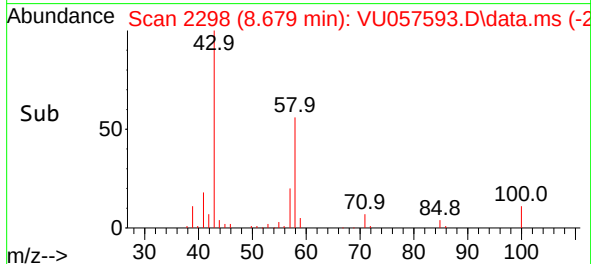
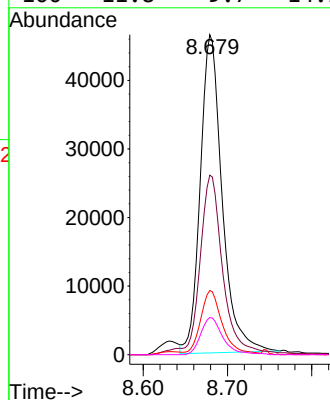
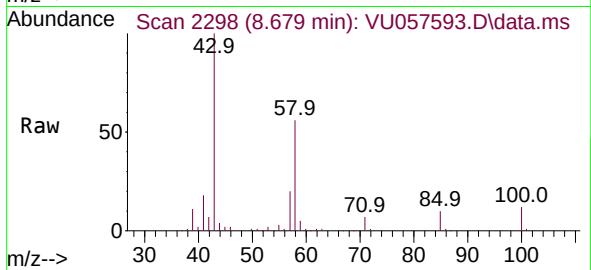




#48
2-Hexanone
Concen: 50.783 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057593.D
Acq: 24 Jan 2024 01:35

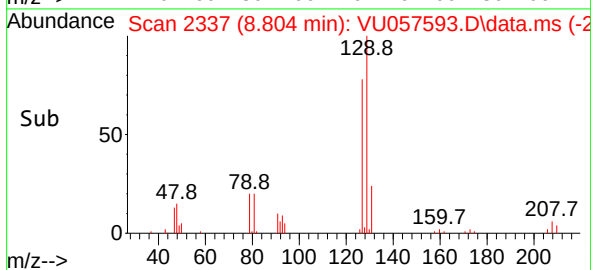
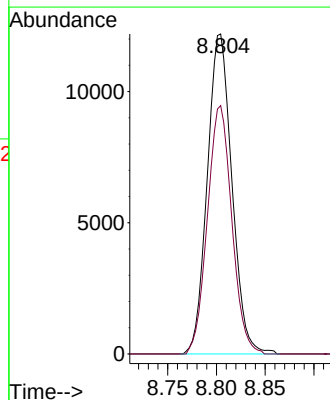
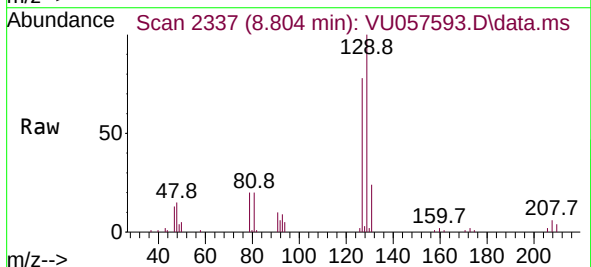
Instrument :
MSVOA_U
ClientSampleId :

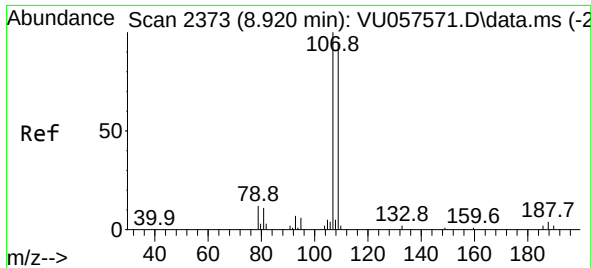
Tgt Ion: 43	Resp: 84053
Ion Ratio	Lower Upper
43 100	
58 59.5	44.3 66.5
57 20.1	15.5 23.3
100 11.8	9.7 14.5



#49
Dibromochloromethane
Concen: 5.159 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU057593.D
Acq: 24 Jan 2024 01:35

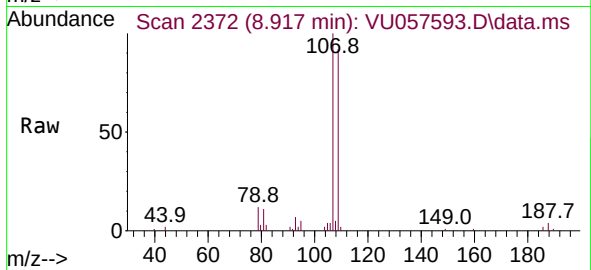
Tgt Ion: 129	Resp: 21479
Ion Ratio	Lower Upper
129 100	
127 77.6	54.5 101.1



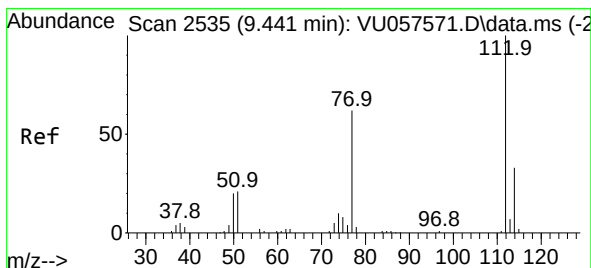
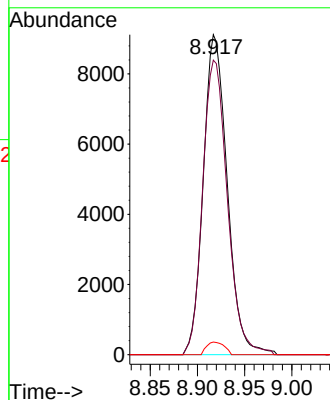
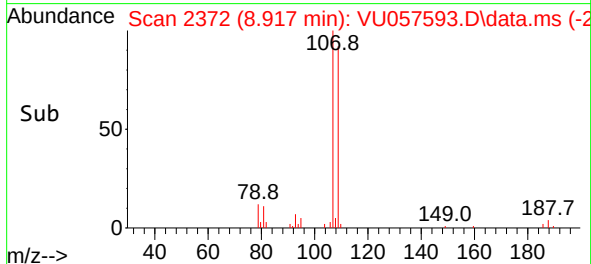


#50
1,2-Dibromoethane
Concen: 5.152 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057593.D
Acq: 24 Jan 2024 01:35

Instrument :
MSVOA_U
ClientSampleId :

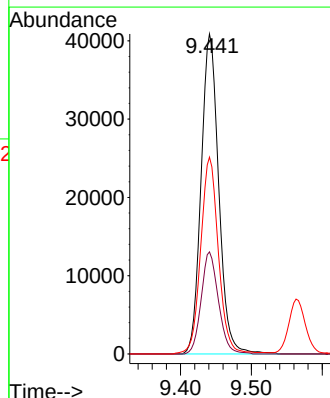
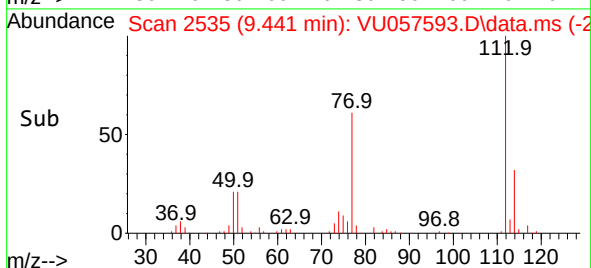
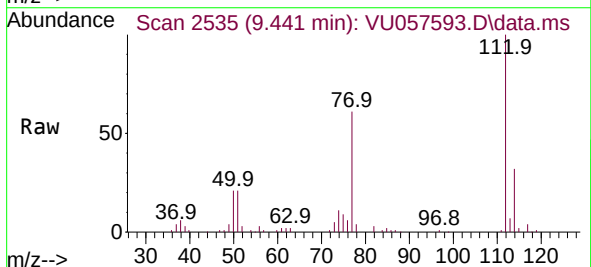


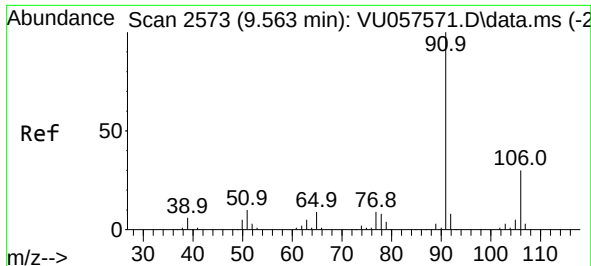
Tgt Ion:107 Resp: 16076
Ion Ratio Lower Upper
107 100
109 92.0 64.5 119.9
188 3.9 2.9 4.3



#51
Chlorobenzene
Concen: 5.285 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU057593.D
Acq: 24 Jan 2024 01:35

Tgt Ion:112 Resp: 70620
Ion Ratio Lower Upper
112 100
114 31.9 22.0 40.8
77 61.5 49.2 73.8

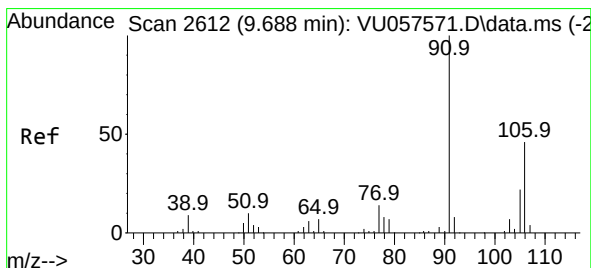
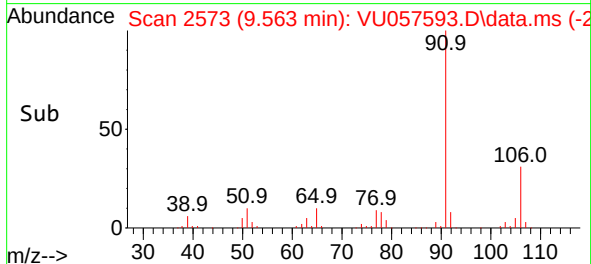
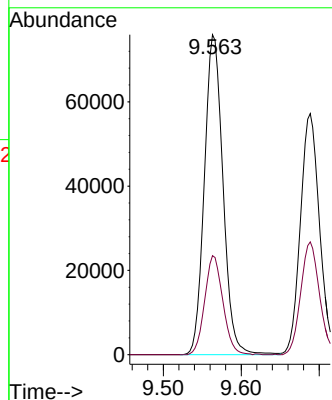
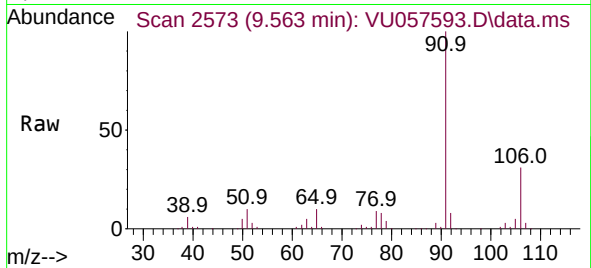




#52
Ethylbenzene
Concen: 5.251 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU057593.D
Acq: 24 Jan 2024 01:35

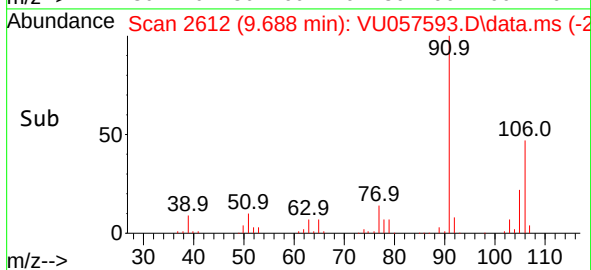
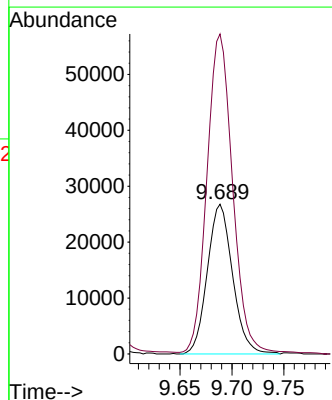
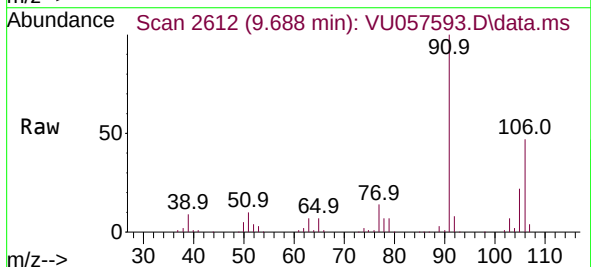
Instrument :
MSVOA_U
ClientSampleId :

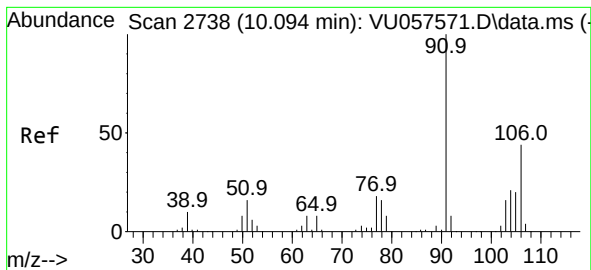
Tgt Ion: 91 Resp: 126050
Ion Ratio Lower Upper
91 100
106 31.0 21.3 39.5



#53
m,p-Xylene
Concen: 5.104 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057593.D
Acq: 24 Jan 2024 01:35

Tgt Ion: 106 Resp: 45208
Ion Ratio Lower Upper
106 100
91 213.7 146.9 272.9





#54

o-Xylene

Concen: 5.208 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU057593.D

Acq: 24 Jan 2024 01:35

Instrument :

MSVOA_U

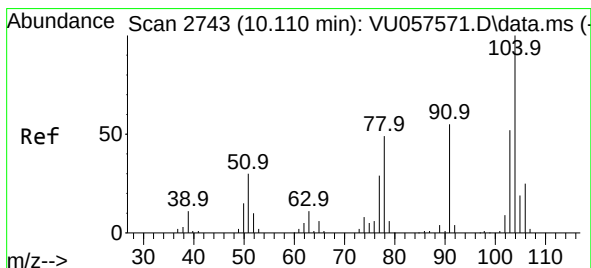
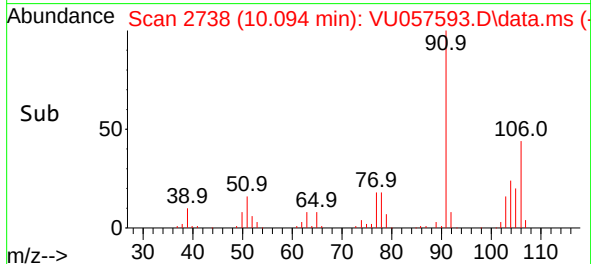
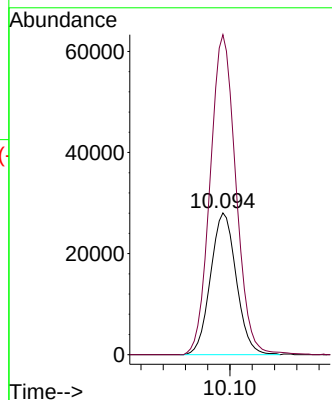
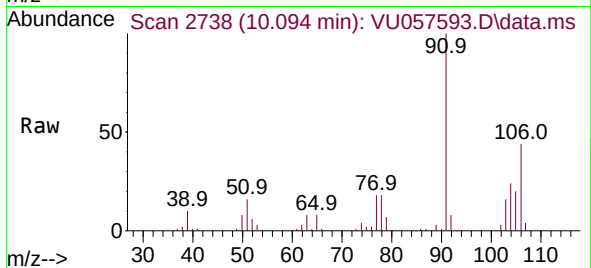
ClientSampleId :

Tgt Ion:106 Resp: 44971

Ion Ratio Lower Upper

106 100

91 225.8 158.1 293.5



#55

Styrene

Concen: 5.237 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU057593.D

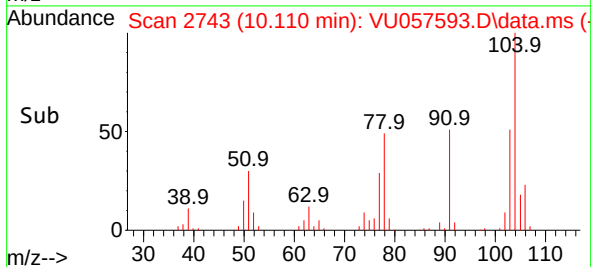
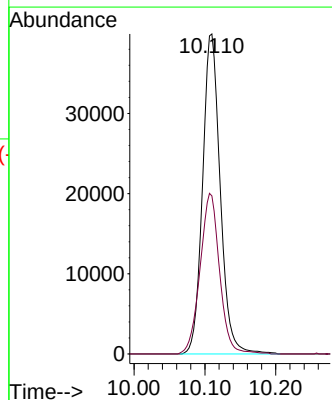
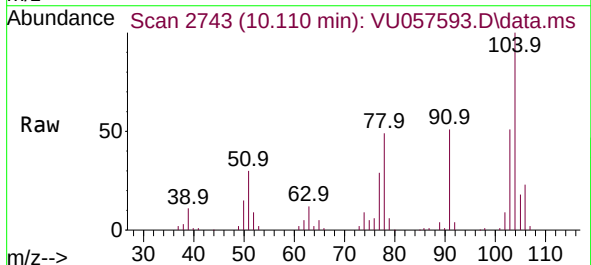
Acq: 24 Jan 2024 01:35

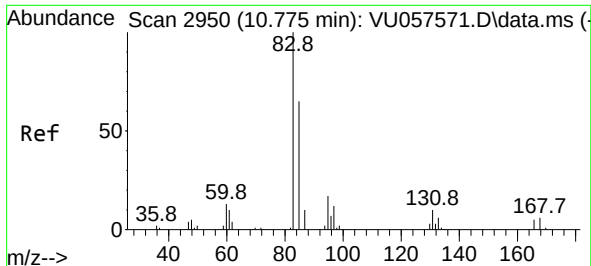
Tgt Ion:104 Resp: 69180

Ion Ratio Lower Upper

104 100

78 49.4 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.155 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU057593.D

Acq: 24 Jan 2024 01:35

Instrument :

MSVOA_U

ClientSampleId :

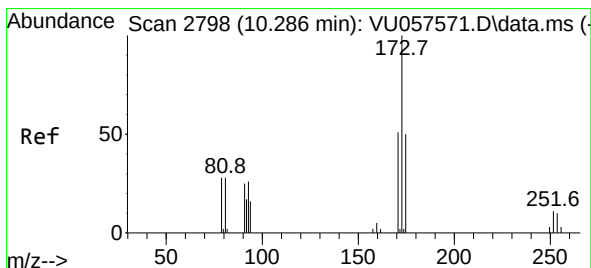
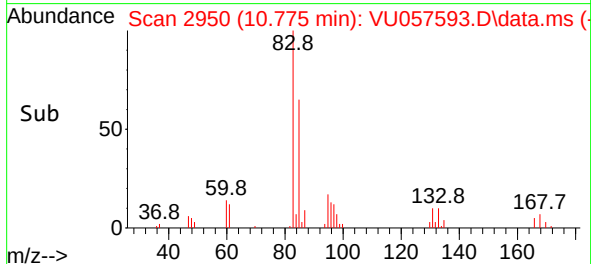
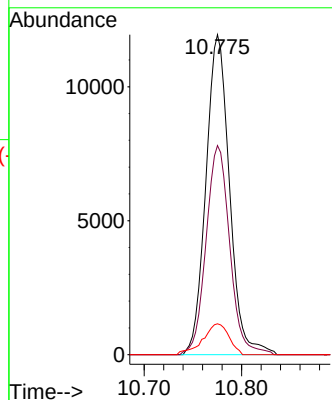
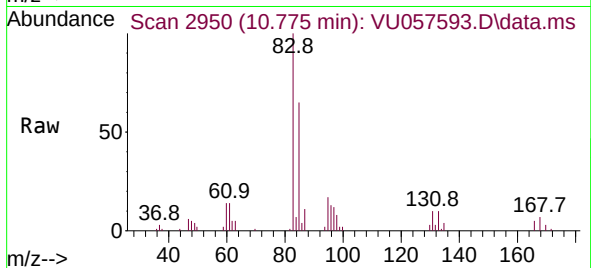
Tgt Ion: 83 Resp: 20108

Ion Ratio Lower Upper

83 100

85 65.4 44.4 82.5

131 9.7 8.3 12.5



#59

Bromoform

Concen: 4.991 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU057593.D

Acq: 24 Jan 2024 01:35

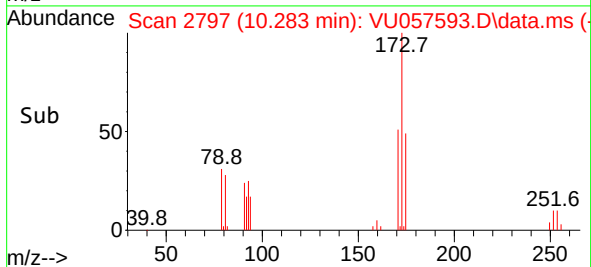
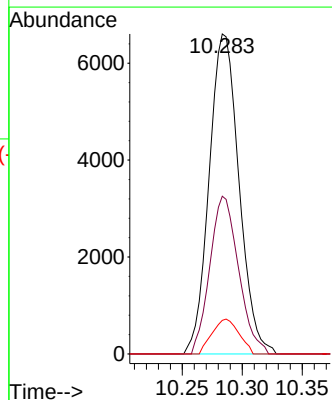
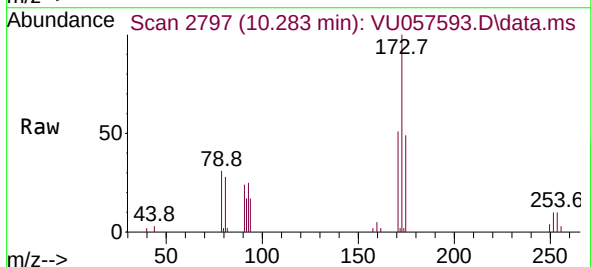
Tgt Ion:173 Resp: 11418

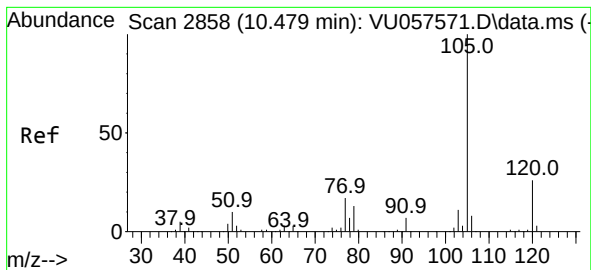
Ion Ratio Lower Upper

173 100

175 47.4 37.5 56.3

254 9.8 7.2 10.8





#60

Isopropylbenzene

Concen: 5.069 ug/L

RT: 10.476 min Scan# 2858

Delta R.T. -0.003 min

Lab File: VU057593.D

Acq: 24 Jan 2024 01:35

Instrument :

MSVOA_U

ClientSampleId :

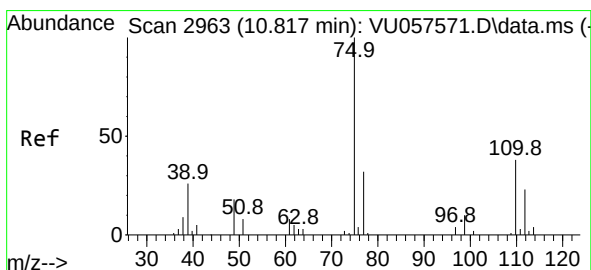
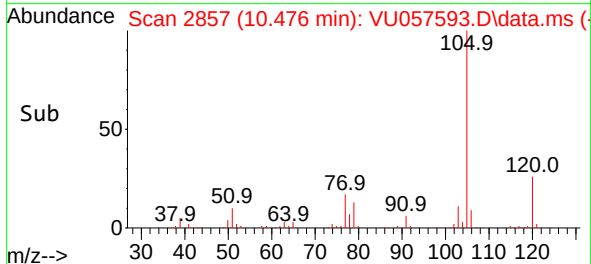
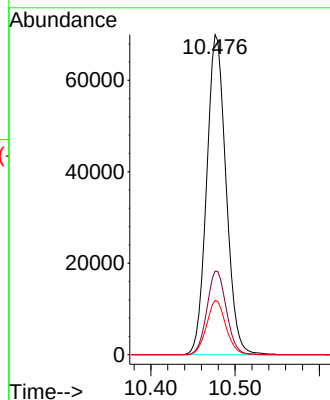
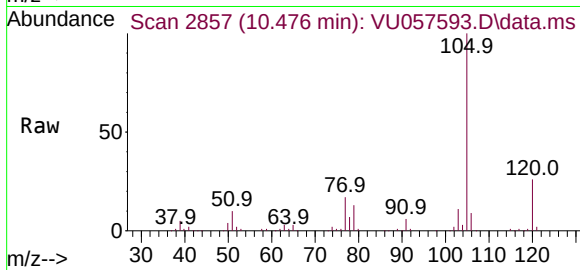
Tgt Ion:105 Resp: 111829

Ion Ratio Lower Upper

105 100

120 26.2 20.8 31.2

77 16.9 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 4.968 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU057593.D

Acq: 24 Jan 2024 01:35

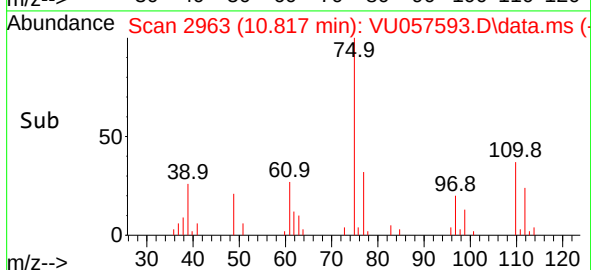
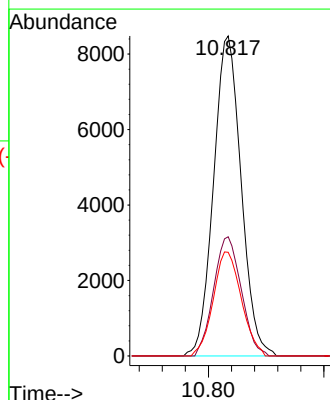
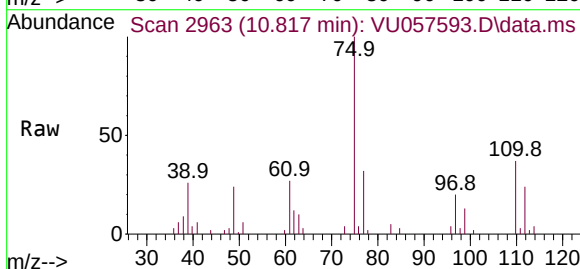
Tgt Ion: 75 Resp: 14041

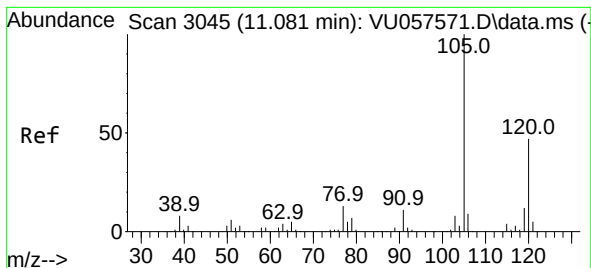
Ion Ratio Lower Upper

75 100

110 37.3 30.1 45.1

77 33.2 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.081 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU057593.D

Acq: 24 Jan 2024 01:35

Instrument :

MSVOA_U

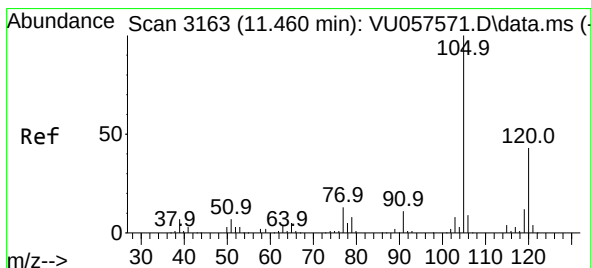
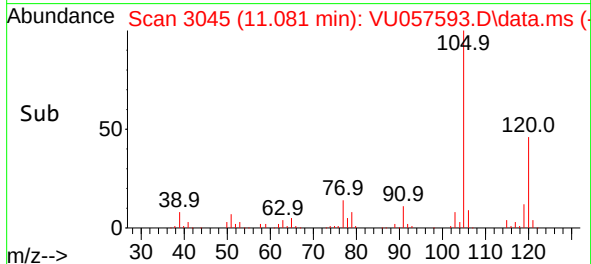
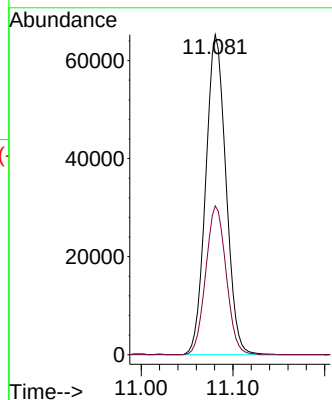
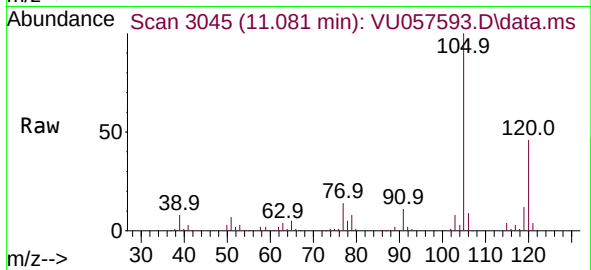
ClientSampleId :

Tgt Ion:105 Resp: 99909

Ion Ratio Lower Upper

105 100

120 46.9 36.9 55.3



#63

1,2,4-Trimethylbenzene

Concen: 5.068 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU057593.D

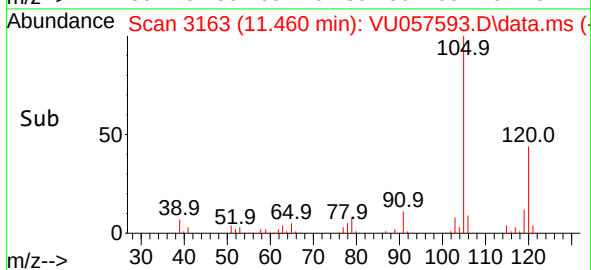
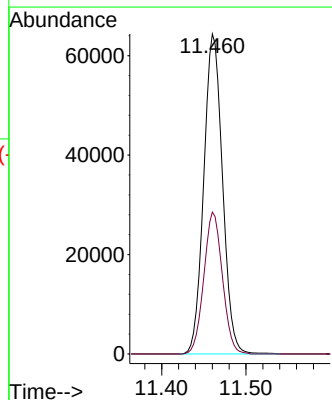
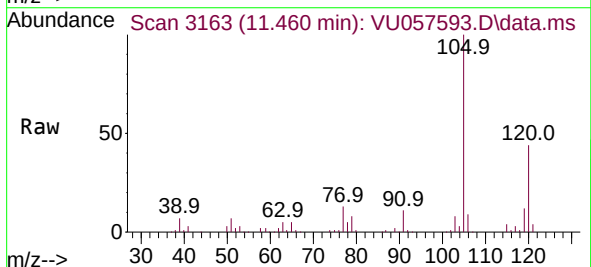
Acq: 24 Jan 2024 01:35

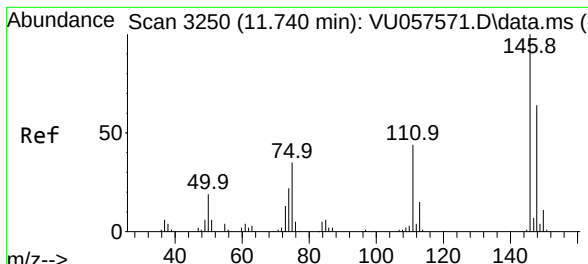
Tgt Ion:105 Resp: 99714

Ion Ratio Lower Upper

105 100

120 43.9 35.0 52.4





#64

1,3-Dichlorobenzene

Concen: 5.060 ug/L

RT: 11.740 min Scan# 31

Delta R.T. 0.000 min

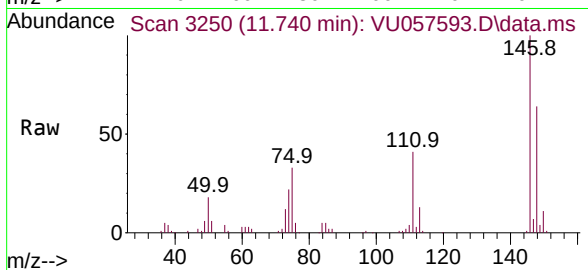
Lab File: VU057593.D

Acq: 24 Jan 2024 01:35

Instrument :

MSVOA_U

ClientSampleId :



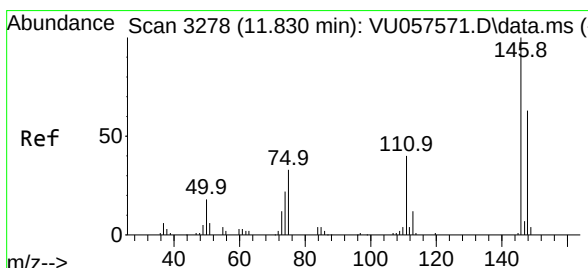
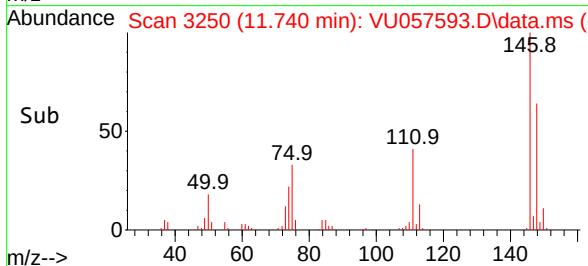
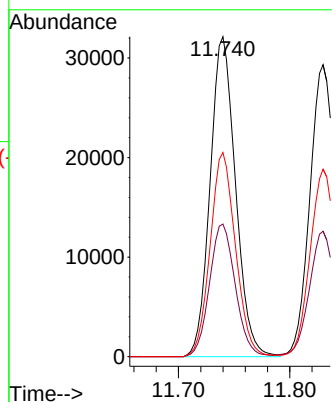
Tgt Ion:146 Resp: 50955

Ion Ratio Lower Upper

146 100

111 41.4 29.6 55.0

148 63.8 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 5.087 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU057593.D

Acq: 24 Jan 2024 01:35

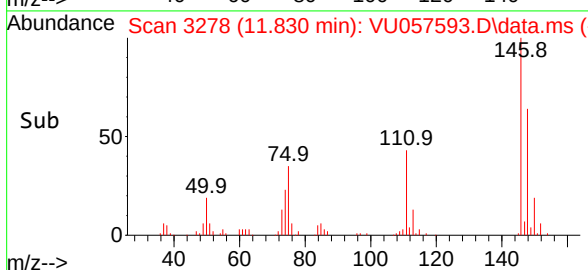
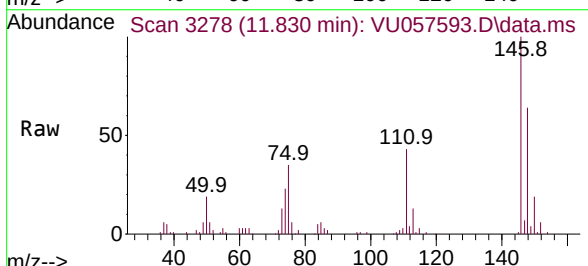
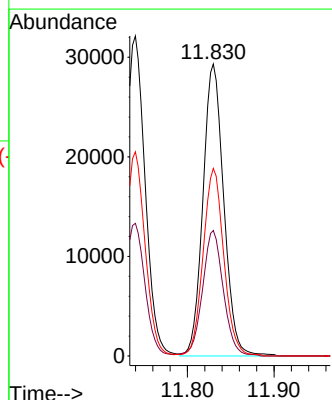
Tgt Ion:146 Resp: 49034

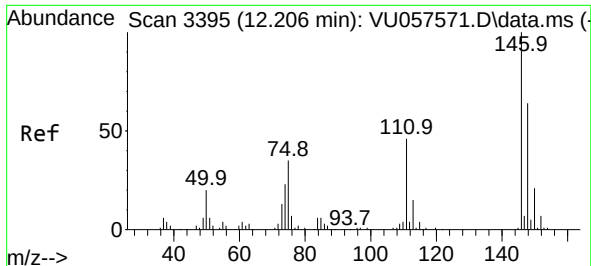
Ion Ratio Lower Upper

146 100

111 43.0 29.5 54.7

148 64.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 4.949 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU057593.D

Acq: 24 Jan 2024 01:35

Instrument :

MSVOA_U

ClientSampleId :

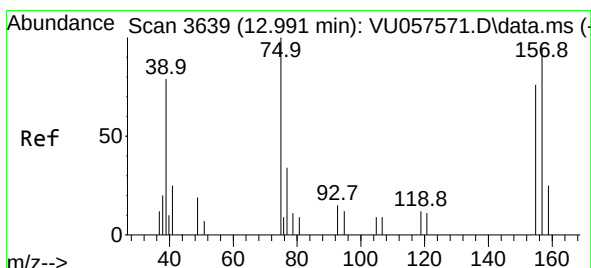
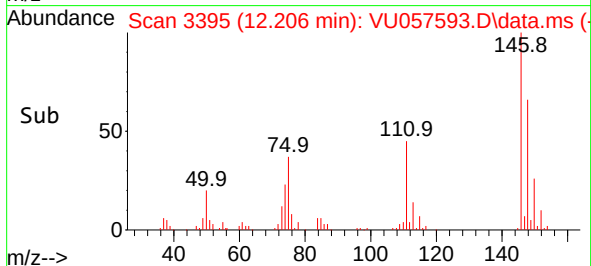
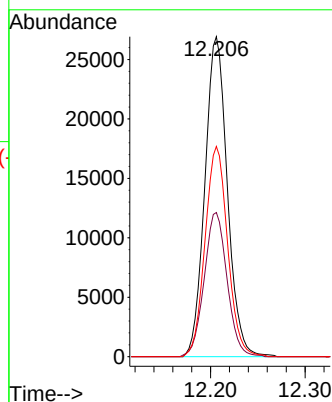
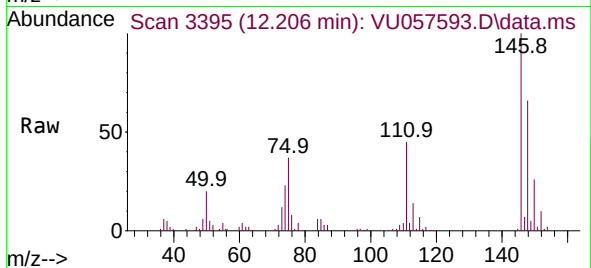
Tgt Ion:146 Resp: 44472

Ion Ratio Lower Upper

146 100

111 45.1 35.7 53.5

148 65.7 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.750 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU057593.D

Acq: 24 Jan 2024 01:35

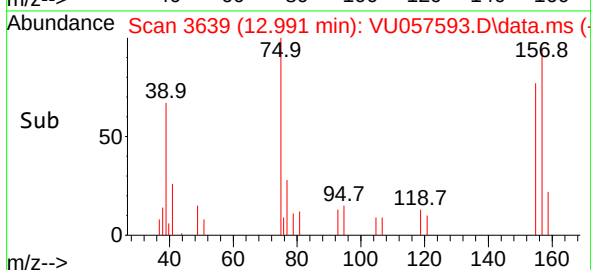
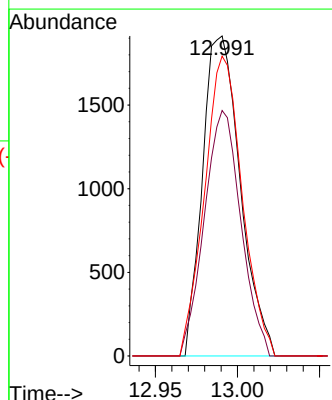
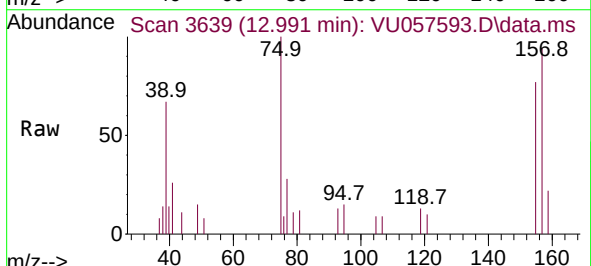
Tgt Ion: 75 Resp: 3059

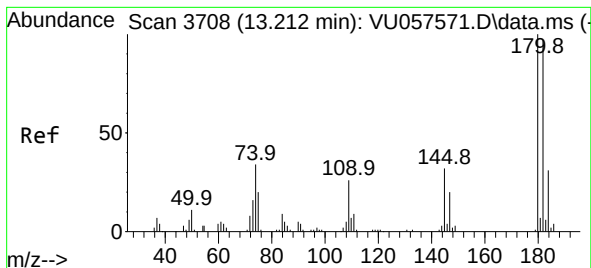
Ion Ratio Lower Upper

75 100

155 76.7 62.8 94.2

157 93.7 78.9 118.3





#69

1,3,5-Trichlorobenzene

Concen: 4.819 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.000 min

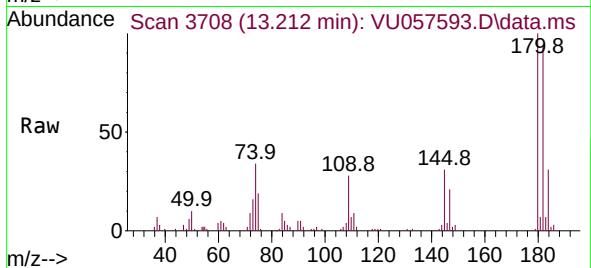
Lab File: VU057593.D

Acq: 24 Jan 2024 01:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 35622

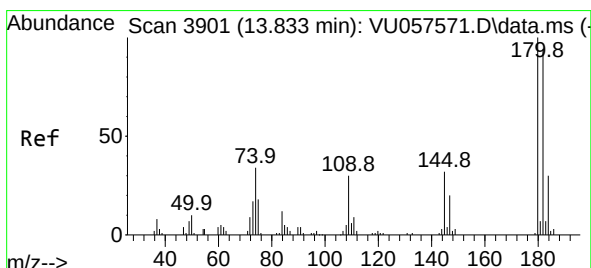
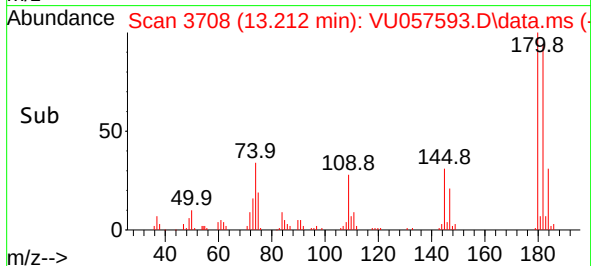
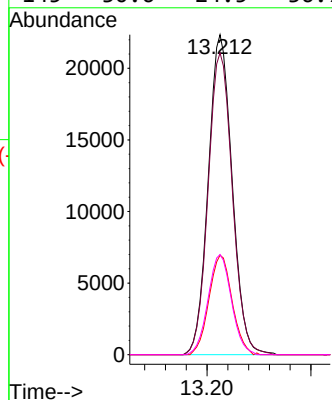
Ion Ratio Lower Upper

180 100

182 95.5 75.4 113.2

184 30.1 24.1 36.1

145 30.6 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.822 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU057593.D

Acq: 24 Jan 2024 01:35

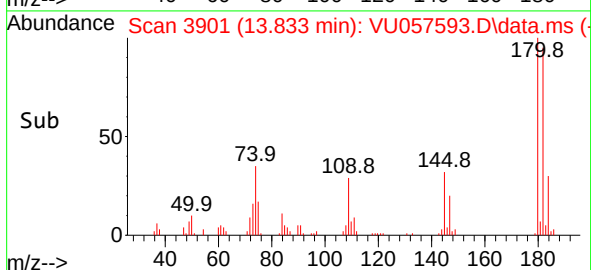
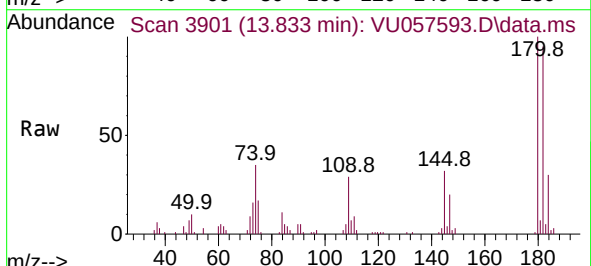
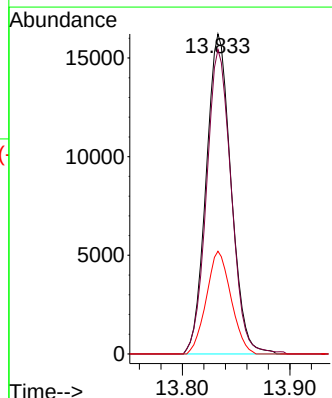
Tgt Ion:180 Resp: 26111

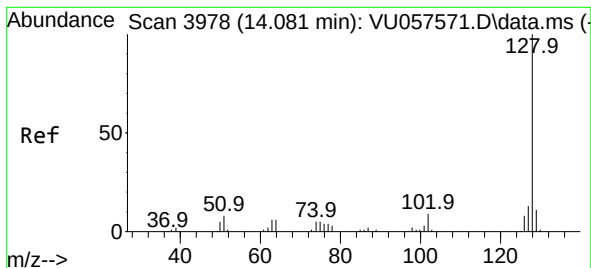
Ion Ratio Lower Upper

180 100

182 94.5 74.9 112.3

145 31.8 25.4 38.2





#71

Naphthalene

Concen: 4.873 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU057593.D

Acq: 24 Jan 2024 01:35

Instrument :

MSVOA_U

ClientSampleId :

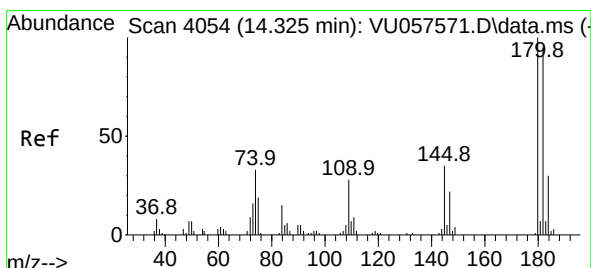
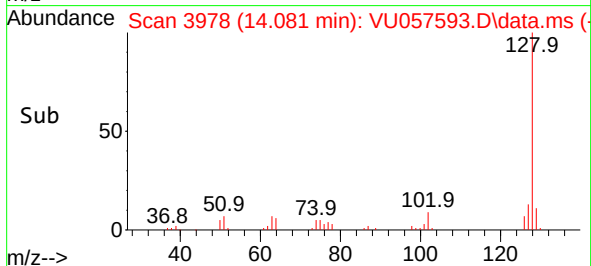
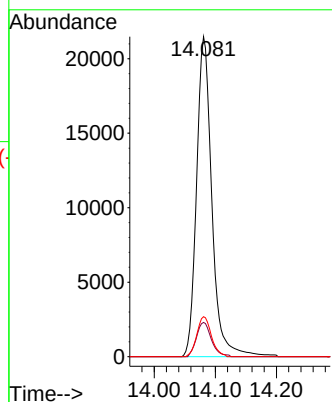
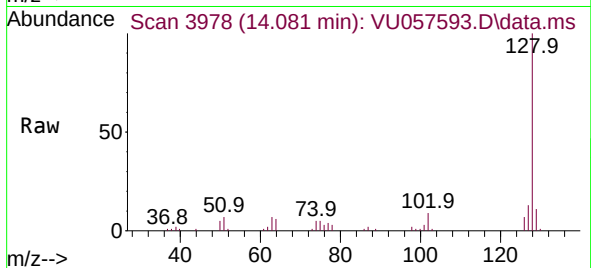
Tgt Ion:128 Resp: 37354

Ion Ratio Lower Upper

128 100

129 10.4 8.6 13.0

127 11.9 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 4.807 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU057593.D

Acq: 24 Jan 2024 01:35

Tgt Ion:180 Resp: 20261

Ion Ratio Lower Upper

180 100

182 92.9 78.1 117.1

145 34.7 26.7 40.1

