

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112823\
 Data File : VU056632.D
 Acq On : 28 Nov 2023 16:19
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 23:51:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 28 23:48:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	257378	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	261050	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	133459	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	95719	4.972	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.910	69	74519	5.049	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.563	65	43614	5.134	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.600%
20) 2-Butanone-d5	4.618	46	244945	63.810	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.620%
24) Chloroform-d	5.055	84	205396	5.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.400%
26) 1,2-Dichloroethane-d4	5.695	65	99983	5.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.200%
32) Benzene-d6	5.721	84	380692	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.685	67	117645	5.019	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.894	98	335721	4.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.174	79	45990	5.116	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.400%
46) 2-Hexanone-d5	8.627	63	202347	57.274	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.540%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	95754	5.717	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	119824	4.860	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	91124	4.468	ug/L	97
3) Chloromethane	1.515	50	94636	4.541	ug/L	96
5) Vinyl chloride	1.602	62	97646	4.863	ug/L	94
6) Bromomethane	1.856	94	49736	4.894	ug/L	97
8) Chloroethane	1.930	64	60484	4.931	ug/L	96
9) Trichlorofluoromethane	2.136	101	159244	5.504	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	94011	5.473	ug/L	99
12) 1,1-Dichloroethene	2.576	96	83566	5.304	ug/L	97
13) Acetone	2.631	43	157298	48.112	ug/L	98
14) Carbon disulfide	2.788	76	212608	4.147	ug/L	97
15) Methyl Acetate	2.949	43	33705	5.793	ug/L	98
16) Methylene chloride	3.042	84	105669	5.068	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	226416	5.915	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	84786	5.230	ug/L	98
19) 1,1-Dichloroethane	3.862	63	187027	5.824	ug/L	97
21) 2-Butanone	4.698	43	228861	53.946	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	102214	5.560	ug/L	97
23) Bromochloromethane	4.968	128	44518	5.883	ug/L	94
25) Chloroform	5.081	83	203457	5.848	ug/L	96

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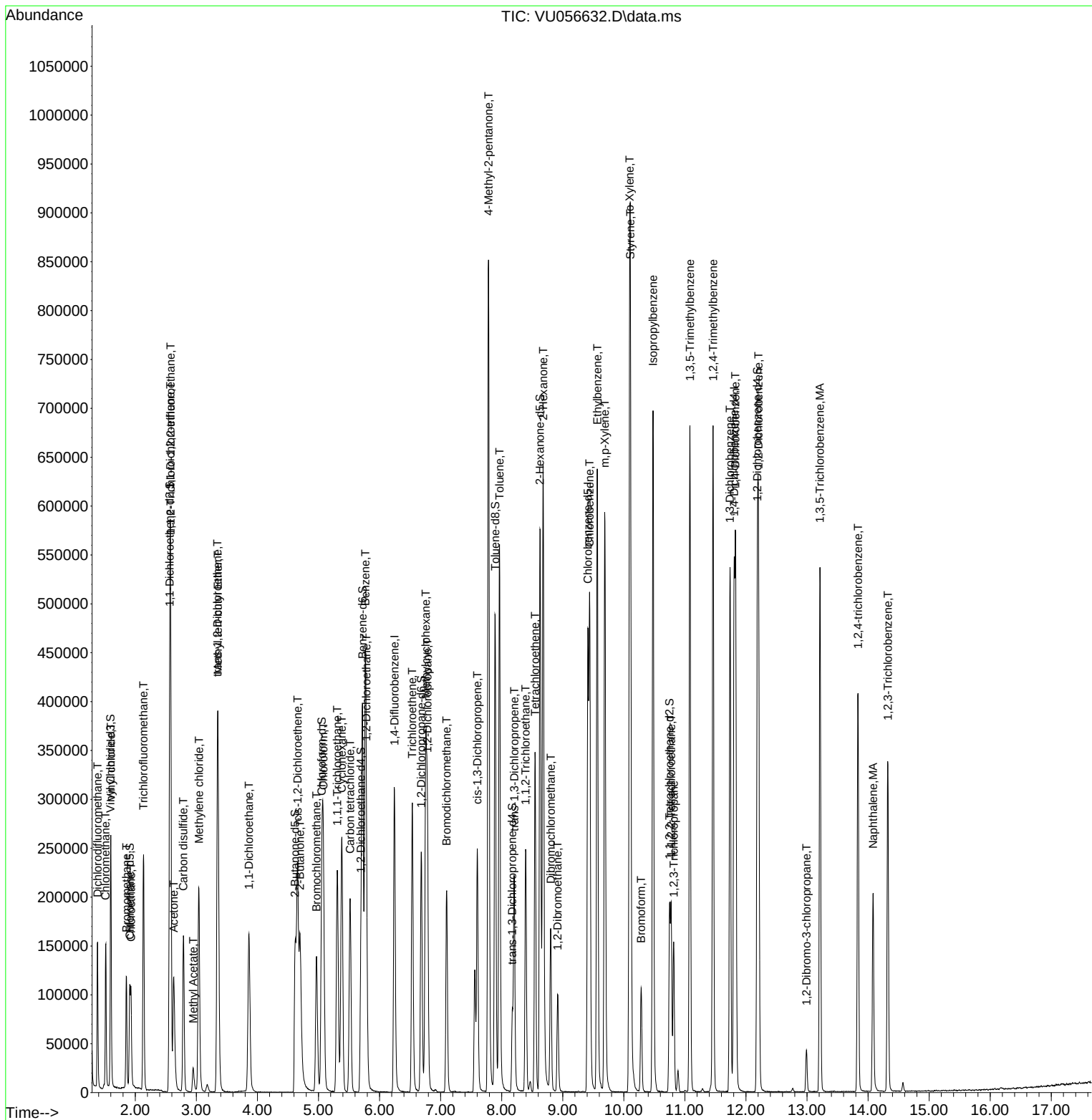
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 MSVOA_U
 ClientSampleId :

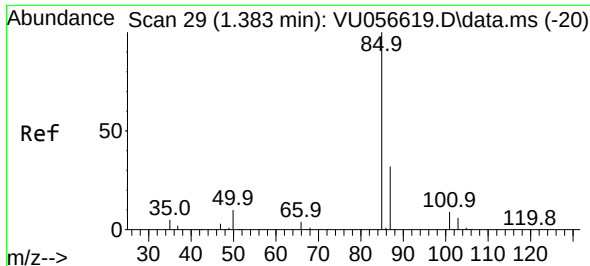
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	114142	5.778	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	167938	5.604	ug/L	99
30) Cyclohexane	5.383	56	127171	4.471	ug/L	98
31) Carbon tetrachloride	5.518	117	138254	5.372	ug/L	99
33) Benzene	5.769	78	396016	5.317	ug/L	100
34) Trichloroethene	6.537	95	106459	5.246	ug/L	98
35) Methylcyclohexane	6.756	83	134715	4.598	ug/L	100
37) 1,2-Dichloropropane	6.785	63	104434	5.376	ug/L	100
38) Bromodichloromethane	7.100	83	140663	5.609	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	152746	5.351	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	549004	57.016	ug/L	99
42) Toluene	7.965	91	420041	5.447	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	128890	5.664	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	78963	6.104	ug/L	97
47) Tetrachloroethene	8.550	164	73803	5.393	ug/L	97
48) 2-Hexanone	8.679	43	397308	52.965	ug/L	99
49) Dibromochloromethane	8.804	129	85647	5.822	ug/L	98
50) 1,2-Dibromoethane	8.917	107	67573	5.533	ug/L	98
51) Chlorobenzene	9.441	112	276735	5.585	ug/L	98
52) Ethylbenzene	9.566	91	466630	5.449	ug/L	100
53) m,p-Xylene	9.688	106	177209	5.629	ug/L	100
54) o-Xylene	10.097	106	168269	5.503	ug/L	96
55) Styrene	10.109	104	291034	5.722	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	90957	5.758	ug/L #	98
59) Bromoform	10.283	173	49054	5.901	ug/L	97
60) Isopropylbenzene	10.479	105	461437	5.361	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	64464	5.630	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	371842	5.262	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	374001	5.362	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	216845	5.539	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	209909	5.345	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	196101	5.460	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	13023	5.324	ug/L	86
69) 1,3,5-Trichlorobenzene	13.212	180	157864	5.355	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	121847	5.075	ug/L	99
71) Naphthalene	14.084	128	168434	4.643	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	102183	5.167	ug/L	97

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

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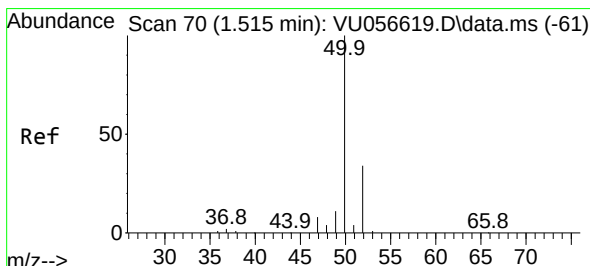
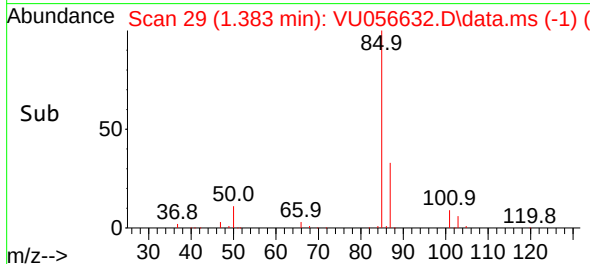
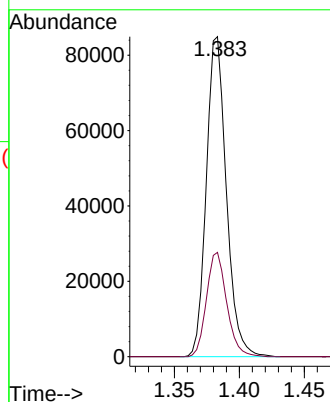
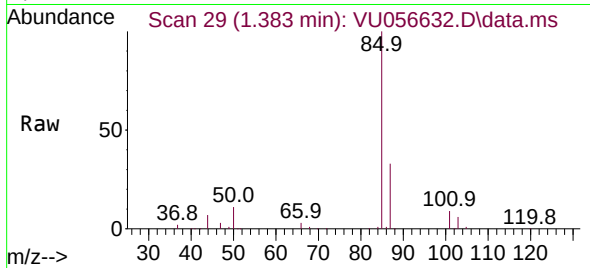




#2
 Dichlorodifluoromethane
 Concen: 4.468 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU056632.D
 Acq: 28 Nov 2023 16:19

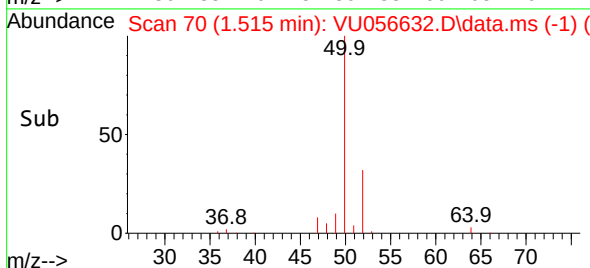
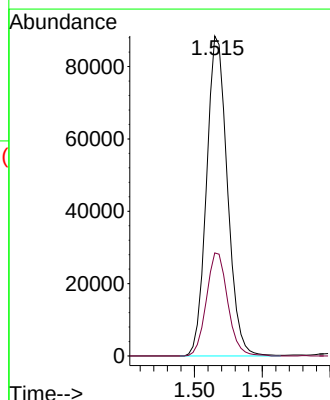
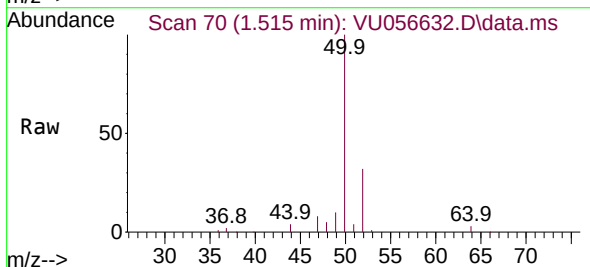
Instrument :
 MSVOA_U
 ClientSampleId :

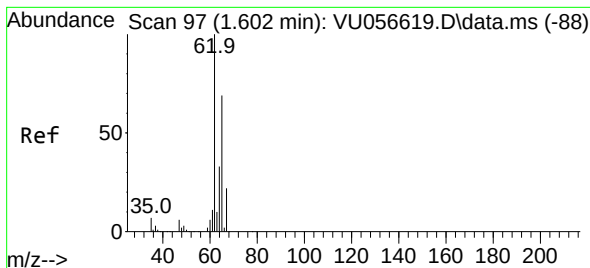
Tgt Ion: 85 Resp: 91124
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.0 37.4



#3
 Chloromethane
 Concen: 4.541 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU056632.D
 Acq: 28 Nov 2023 16:19

Tgt Ion: 50 Resp: 94636
 Ion Ratio Lower Upper
 50 100
 52 32.2 24.3 45.1





#5

Vinyl chloride

Concen: 4.863 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU056632.D

Acq: 28 Nov 2023 16:19

Instrument :

MSVOA_U

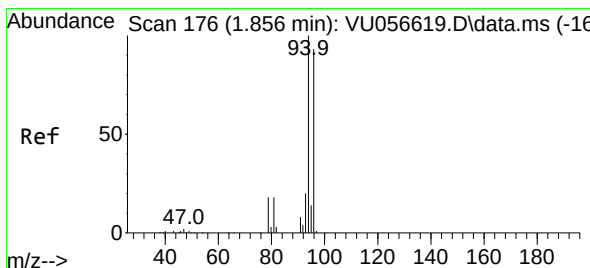
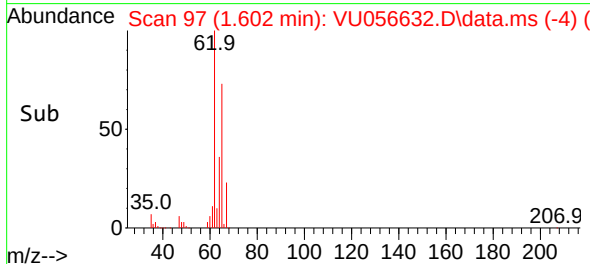
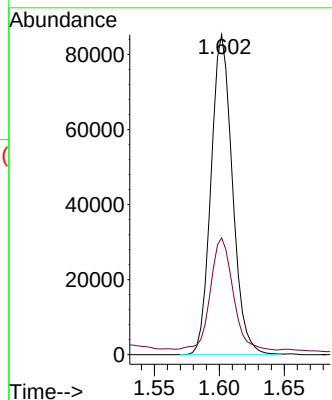
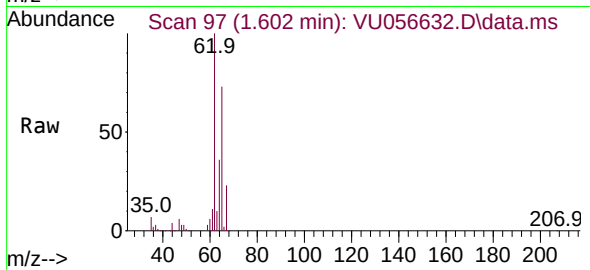
ClientSampleId :

Tgt Ion: 62 Resp: 97646

Ion Ratio Lower Upper

62 100

64 36.5 23.3 43.3



#6

Bromomethane

Concen: 4.894 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU056632.D

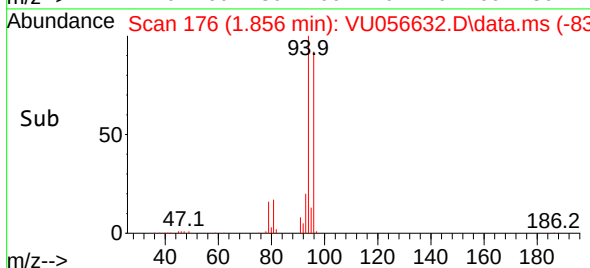
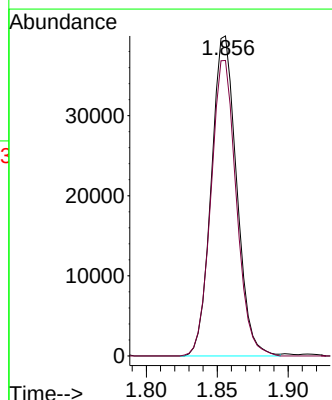
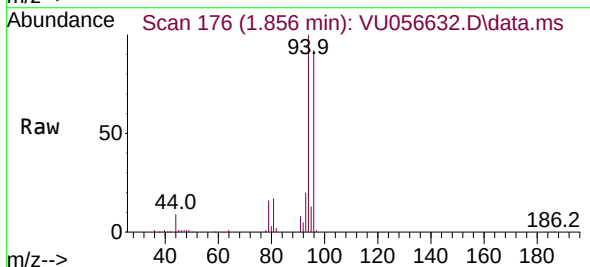
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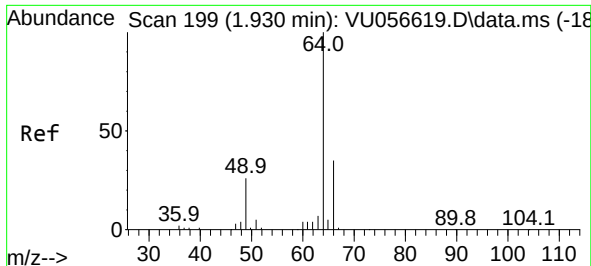
Tgt Ion: 94 Resp: 49736

Ion Ratio Lower Upper

94 100

96 92.4 62.6 116.2

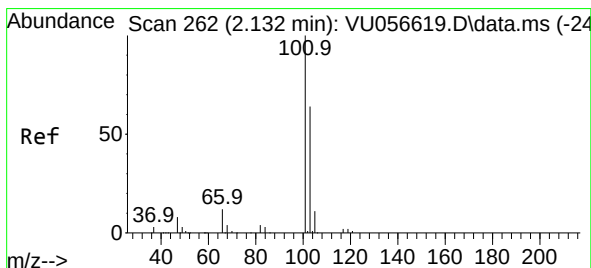
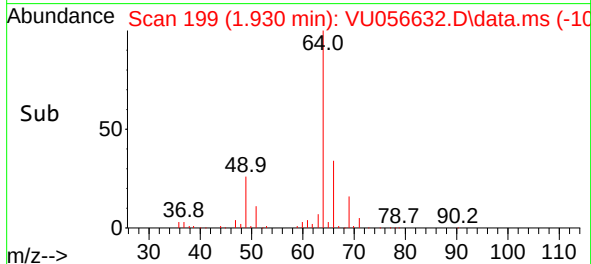
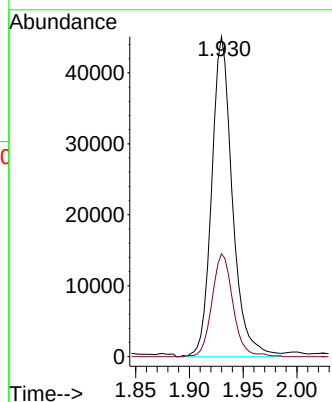
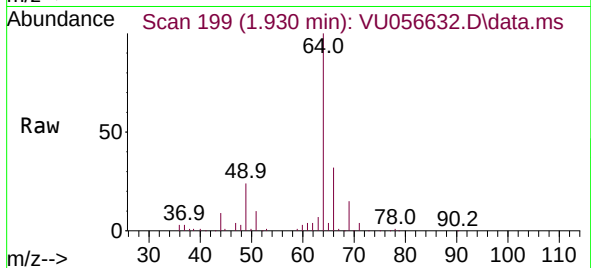




#8
Chloroethane
Concen: 4.931 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

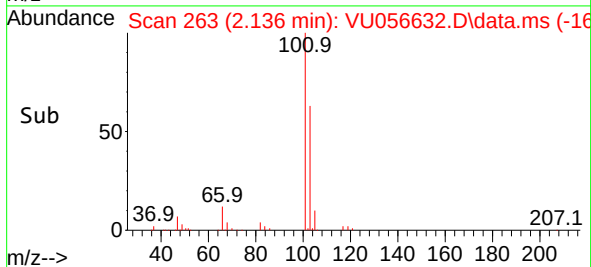
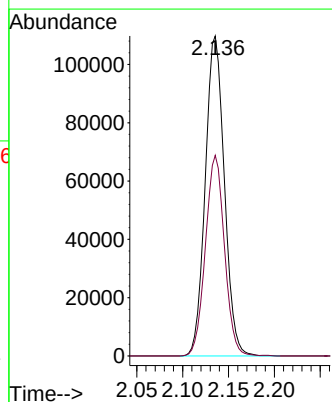
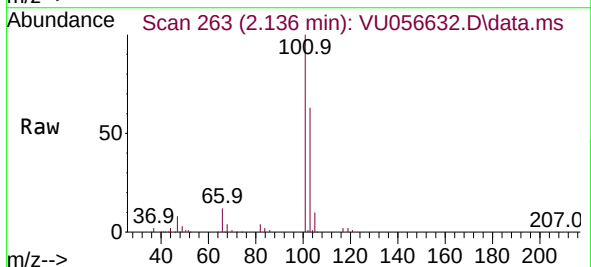
Instrument :
MSVOA_U
ClientSampleId :

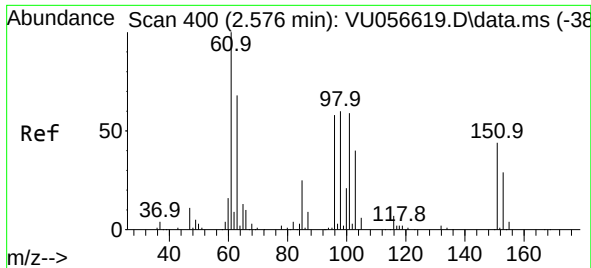
Tgt Ion: 64 Resp: 60484
Ion Ratio Lower Upper
64 100
66 32.2 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.504 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

Tgt Ion:101 Resp: 159244
Ion Ratio Lower Upper
101 100
103 62.5 52.0 78.0

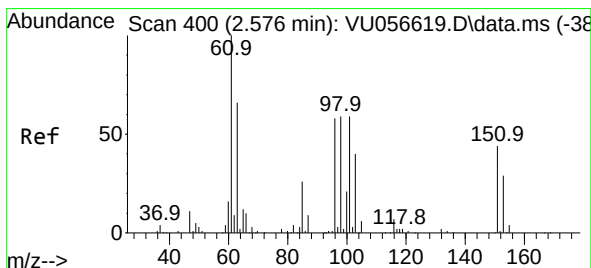
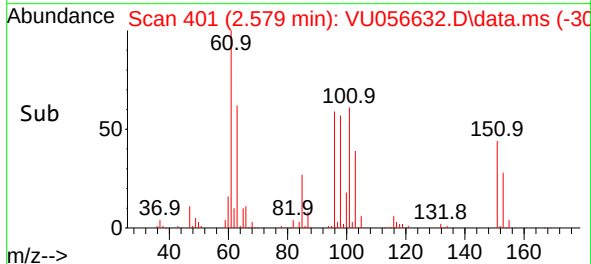
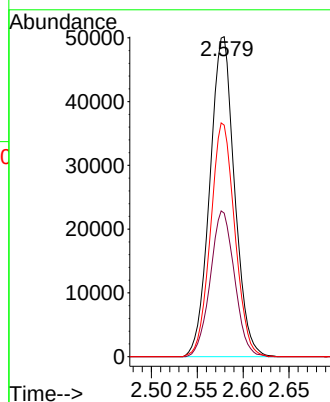
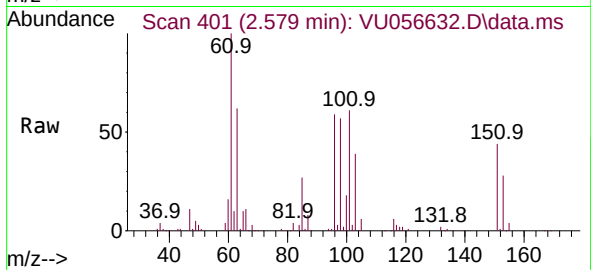




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.473 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

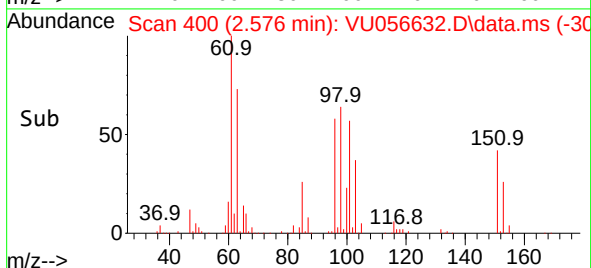
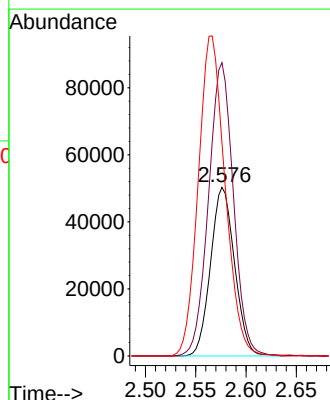
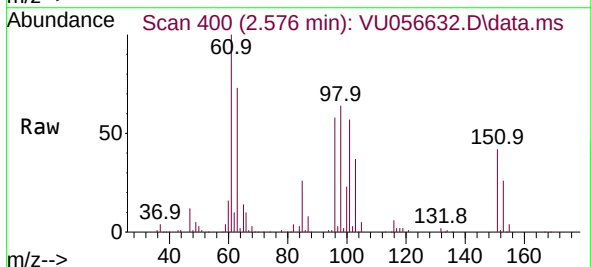
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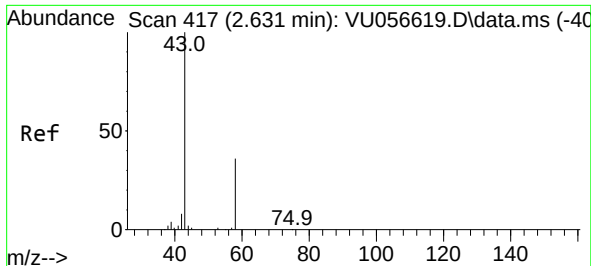
Tgt Ion:101 Resp: 94011
Ion Ratio Lower Upper
101 100
85 44.5 35.4 53.0
151 71.8 58.0 87.0



#12
1,1-Dichloroethene
Concen: 5.304 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

Tgt Ion: 96 Resp: 83566
Ion Ratio Lower Upper
96 100
61 173.9 123.1 228.7
63 126.3 93.3 173.3





#13

Acetone

Concen: 48.112 ug/L

RT: 2.631 min Scan# 417

Delta R.T. -0.000 min

Lab File: VU056632.D

Acq: 28 Nov 2023 16:19

Instrument :

MSVOA_U

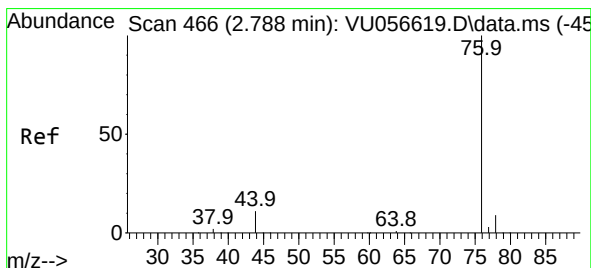
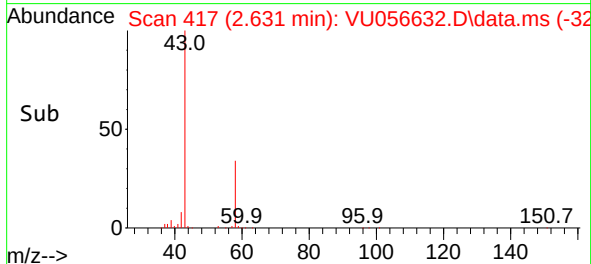
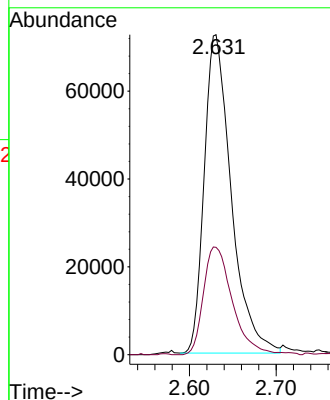
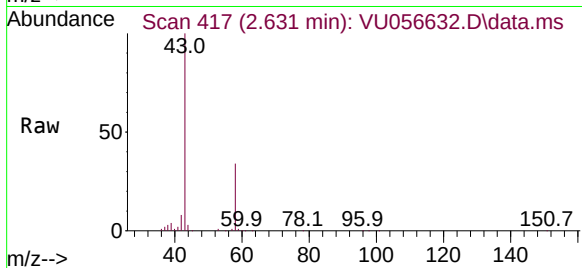
ClientSampleId :

Tgt Ion: 43 Resp: 157298

Ion Ratio Lower Upper

43 100

58 36.3 0.0 70.0



#14

Carbon disulfide

Concen: 4.147 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU056632.D

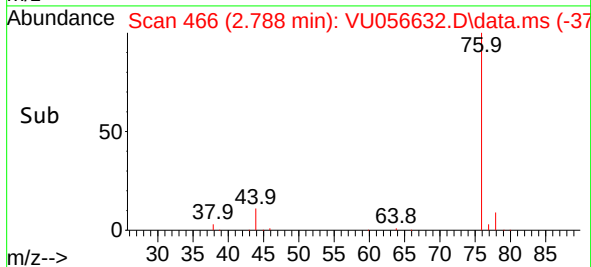
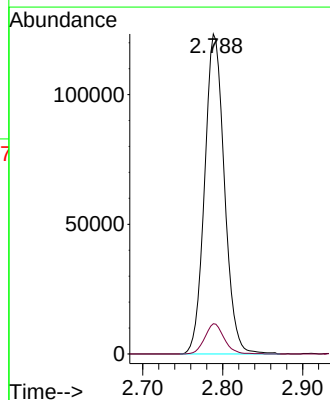
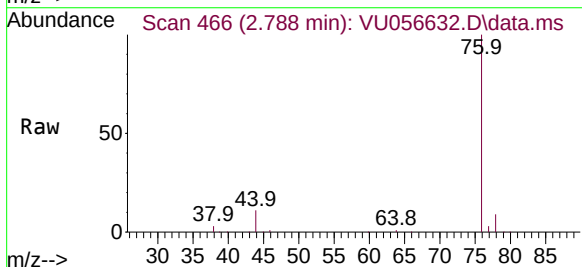
Acq: 28 Nov 2023 16:19

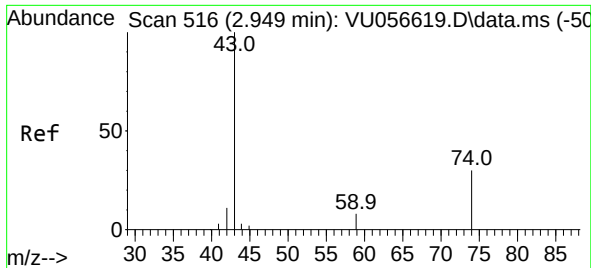
Tgt Ion: 76 Resp: 212608

Ion Ratio Lower Upper

76 100

78 9.4 6.8 10.2

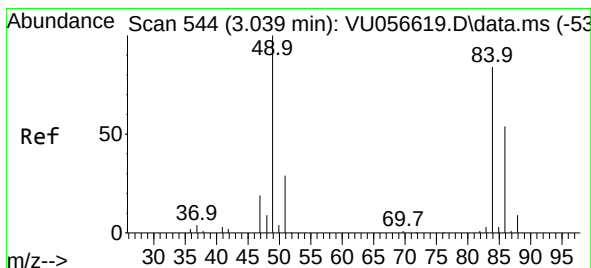
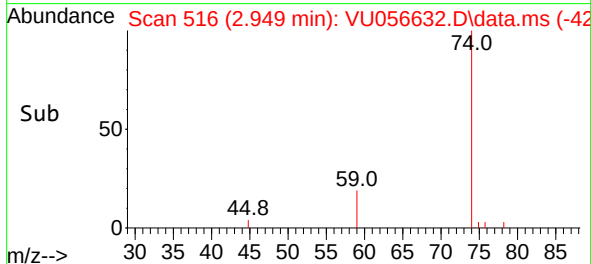
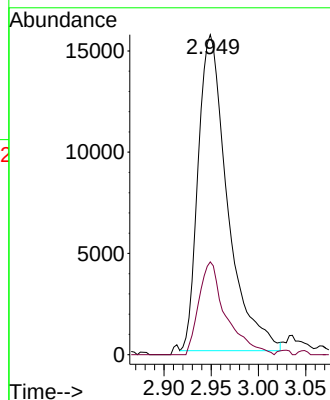
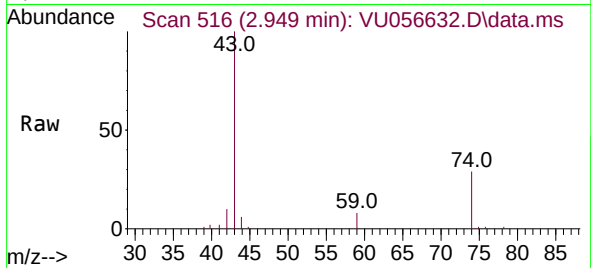




#15
Methyl Acetate
Concen: 5.793 ug/L
RT: 2.949 min Scan# 516
Delta R.T. -0.000 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

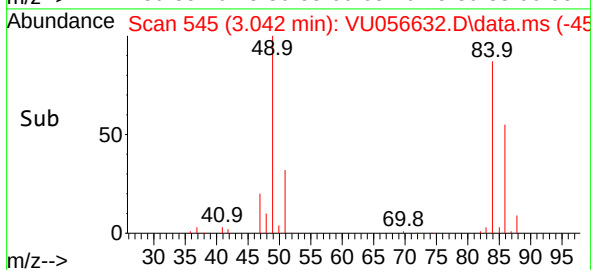
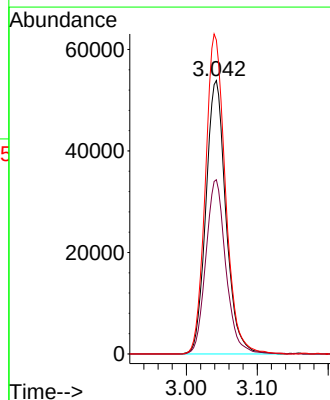
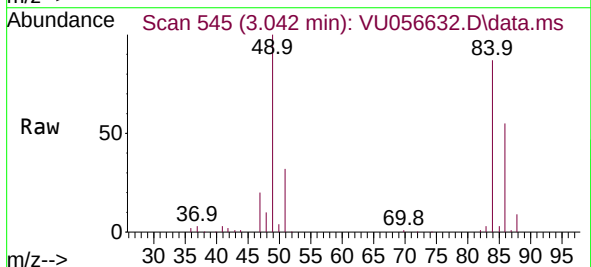
Instrument :
MSVOA_U
ClientSampleId :

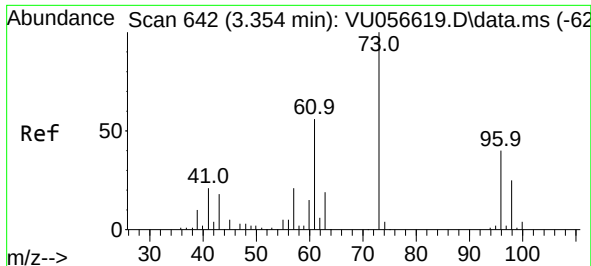
Tgt Ion: 43 Resp: 33705
Ion Ratio Lower Upper
43 100
74 27.0 20.6 31.0



#16
Methylene chloride
Concen: 5.068 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

Tgt Ion: 84 Resp: 105669
Ion Ratio Lower Upper
84 100
86 63.7 44.7 83.1
49 114.8 81.8 152.0





#17

Methyl tert-butyl Ether

Concen: 5.915 ug/L

RT: 3.354 min Scan# 642

Delta R.T. -0.000 min

Lab File: VU056632.D

Acq: 28 Nov 2023 16:19

Instrument :

MSVOA_U

ClientSampleId :

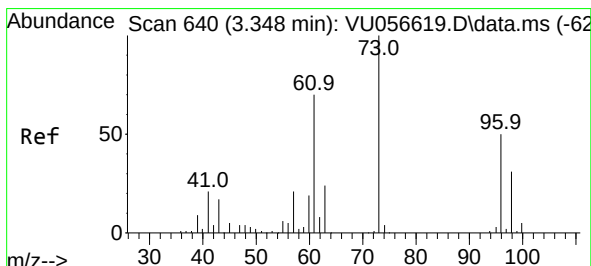
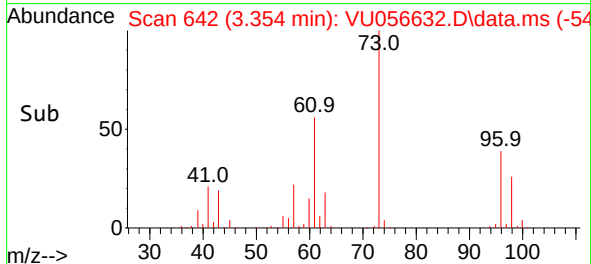
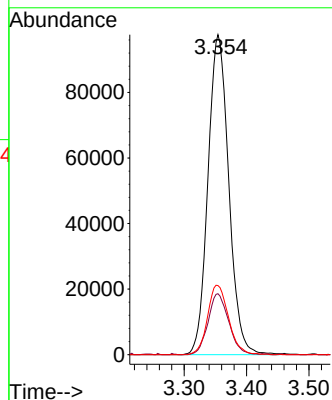
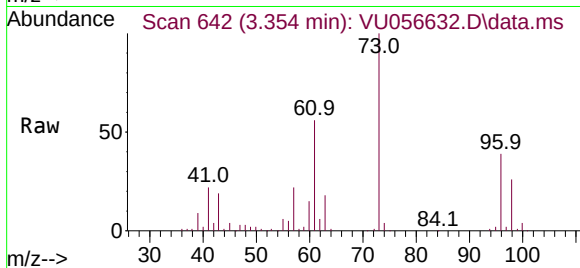
Tgt Ion: 73 Resp: 226416

Ion Ratio Lower Upper

73 100

43 19.0 15.1 22.7

57 21.9 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 5.230 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU056632.D

Acq: 28 Nov 2023 16:19

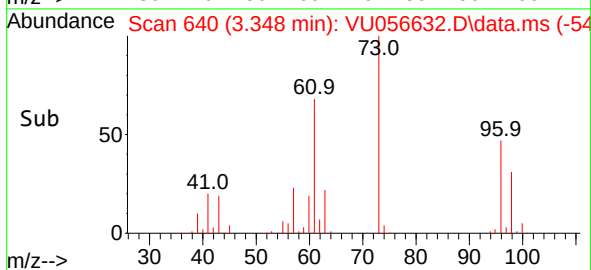
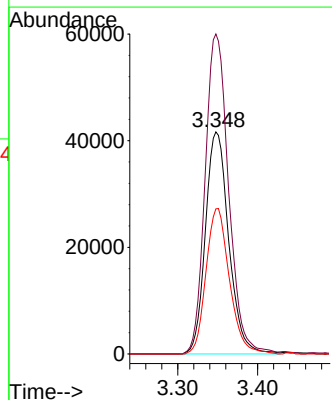
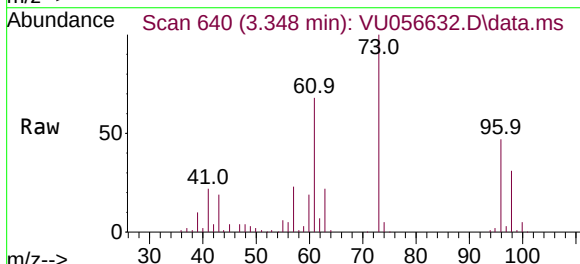
Tgt Ion: 96 Resp: 84786

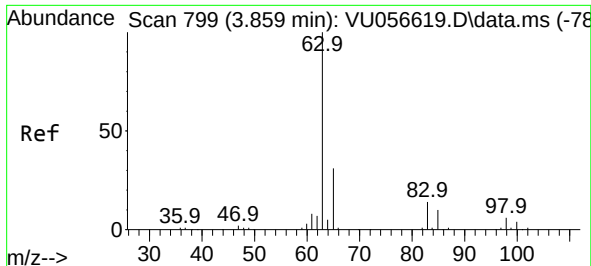
Ion Ratio Lower Upper

96 100

61 144.1 101.7 188.9

98 65.3 43.0 80.0

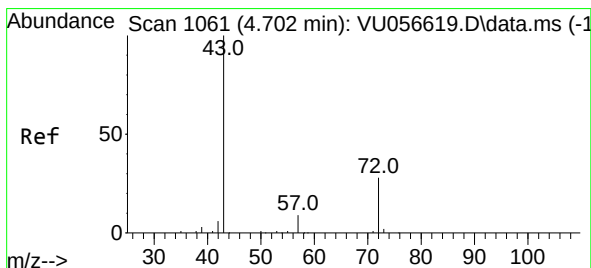
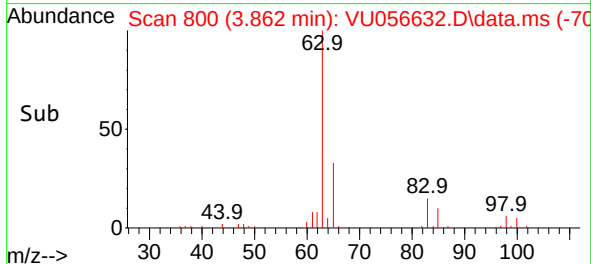
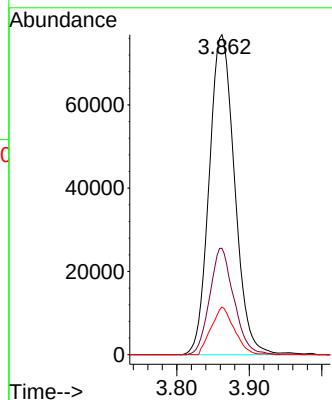
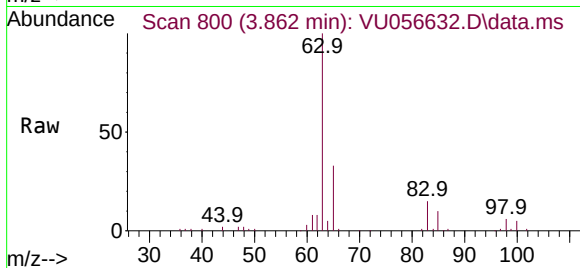




#19
1,1-Dichloroethane
Concen: 5.824 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

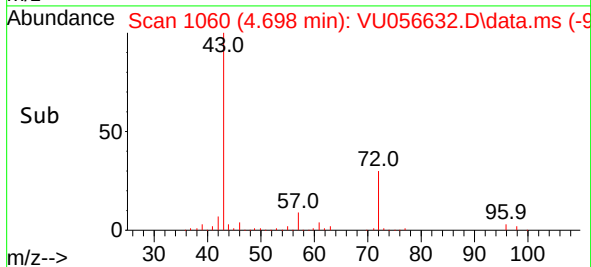
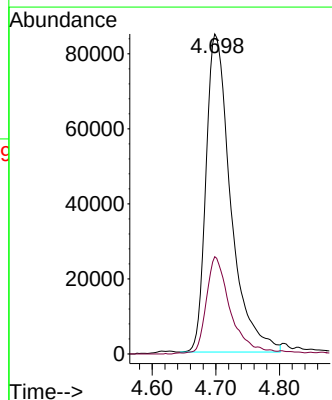
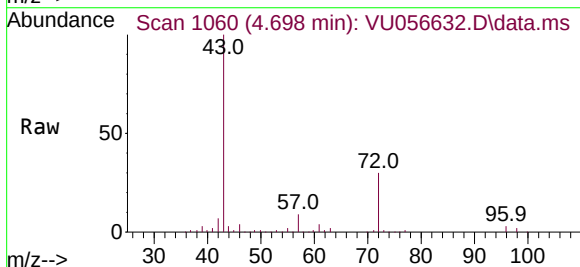
Instrument :
MSVOA_U
ClientSampleId :

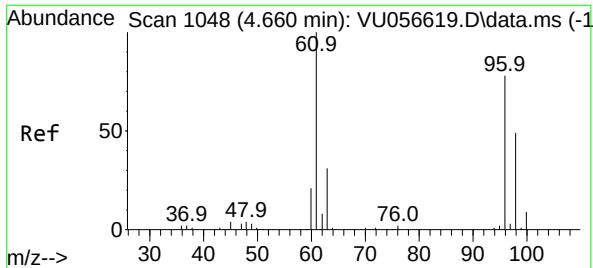
Tgt Ion: 63 Resp: 187027
Ion Ratio Lower Upper
63 100
65 33.2 21.8 40.6
83 14.9 9.7 17.9



#21
2-Butanone
Concen: 53.946 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.003 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

Tgt Ion: 43 Resp: 228861
Ion Ratio Lower Upper
43 100
72 29.8 14.2 42.6

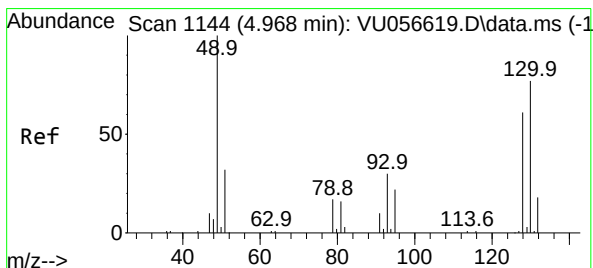
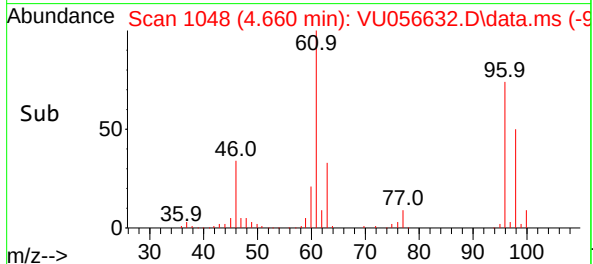
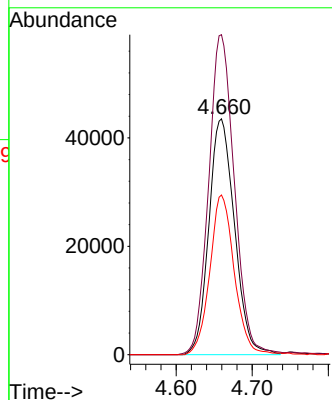
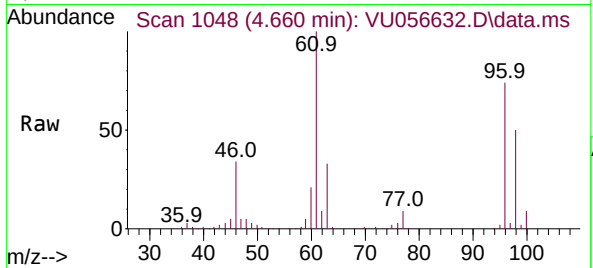




#22
 cis-1,2-Dichloroethene
 Concen: 5.560 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056632.D
 Acq: 28 Nov 2023 16:19

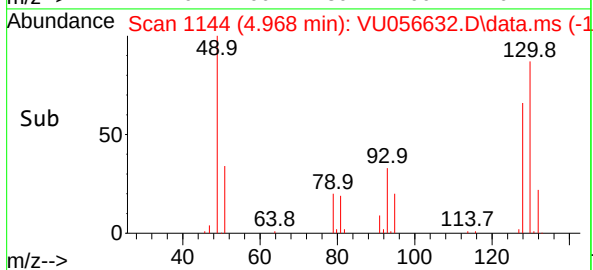
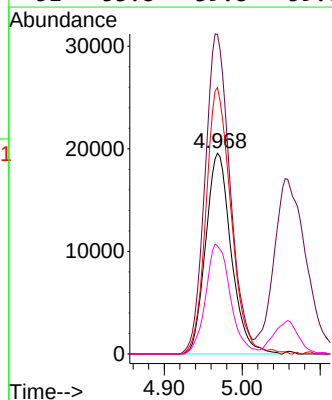
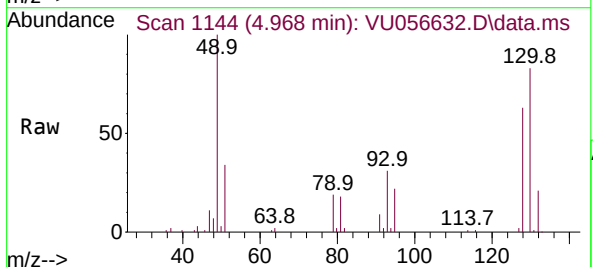
Instrument :
 MSVOA_U
 ClientSampleId :

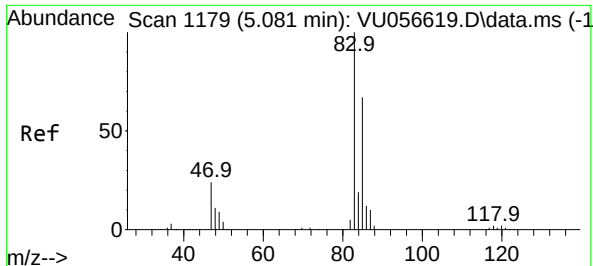
Tgt Ion: 96 Resp: 102214
 Ion Ratio Lower Upper
 96 100
 61 135.7 93.2 173.2
 98 67.7 44.8 83.2



#23
 Bromochloromethane
 Concen: 5.883 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU056632.D
 Acq: 28 Nov 2023 16:19

Tgt Ion: 128 Resp: 44518
 Ion Ratio Lower Upper
 128 100
 49 159.3 113.4 210.6
 130 132.7 84.8 157.6
 51 53.8 39.8 59.6





#25

Chloroform

Concen: 5.848 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056632.D

Acq: 28 Nov 2023 16:19

Instrument :

MSVOA_U

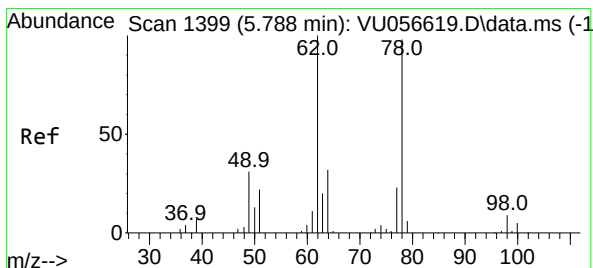
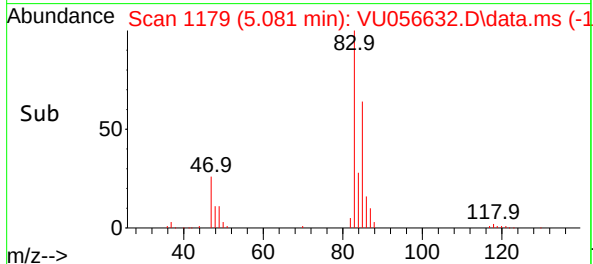
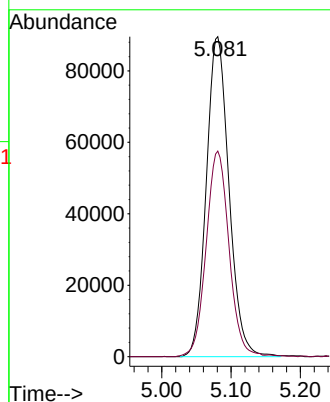
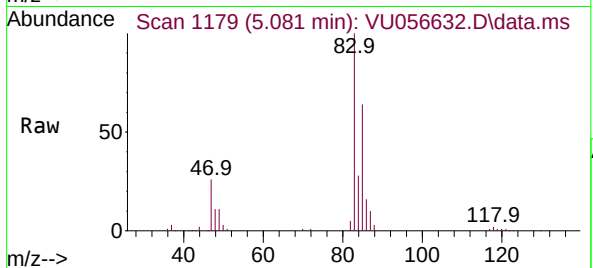
ClientSampleId :

Tgt Ion: 83 Resp: 203457

Ion Ratio Lower Upper

83 100

85 64.2 47.0 87.2



#27

1,2-Dichloroethane

Concen: 5.778 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU056632.D

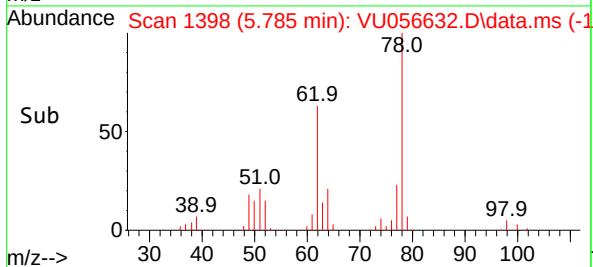
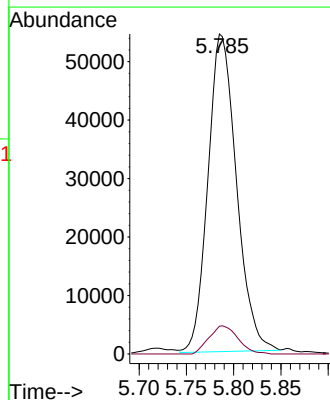
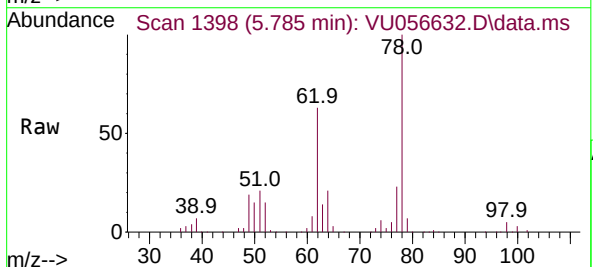
Acq: 28 Nov 2023 16:19

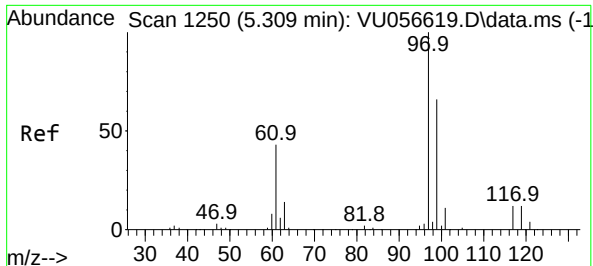
Tgt Ion: 62 Resp: 114142

Ion Ratio Lower Upper

62 100

98 8.7 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 5.604 ug/L

RT: 5.309 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056632.D

Acq: 28 Nov 2023 16:19

Instrument :

MSVOA_U

ClientSampleId :

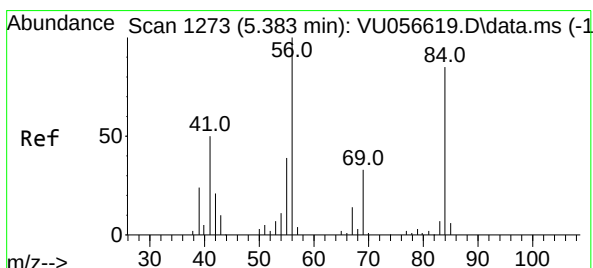
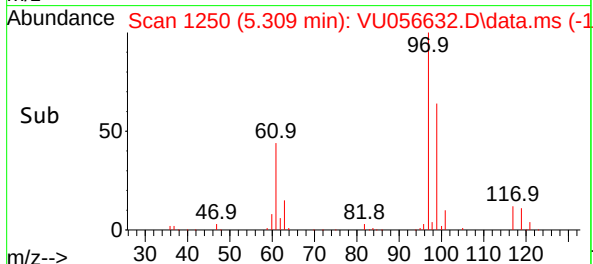
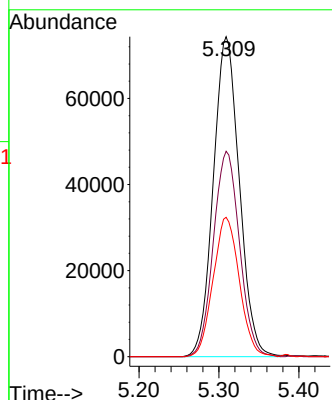
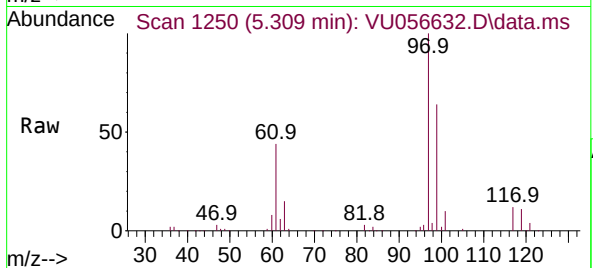
Tgt Ion: 97 Resp: 167938

Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 43.9 34.3 51.5



#30

Cyclohexane

Concen: 4.471 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VU056632.D

Acq: 28 Nov 2023 16:19

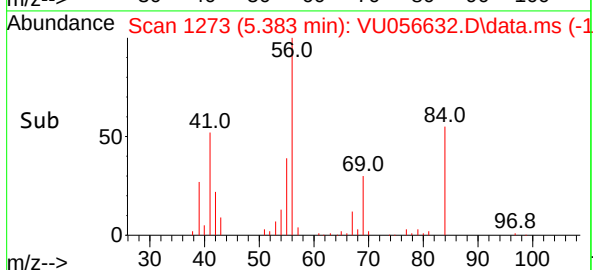
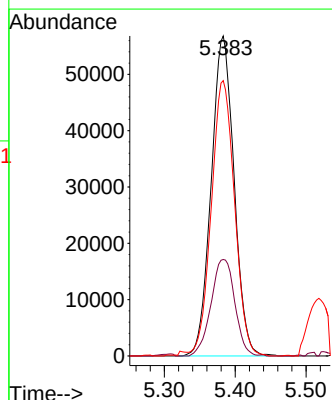
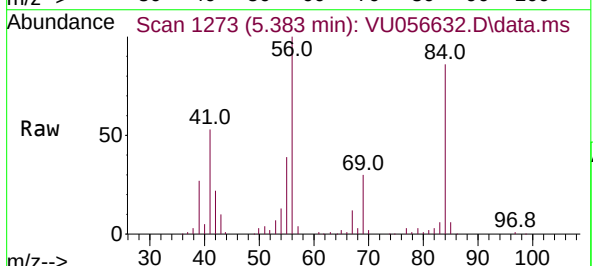
Tgt Ion: 56 Resp: 127171

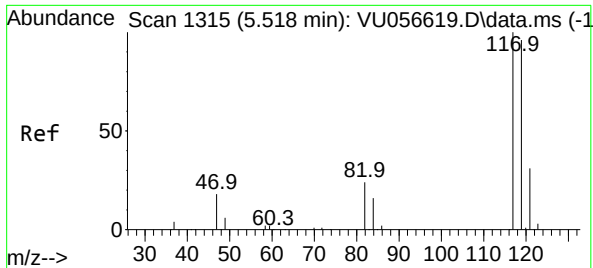
Ion Ratio Lower Upper

56 100

69 31.4 25.4 38.2

84 87.6 68.6 103.0

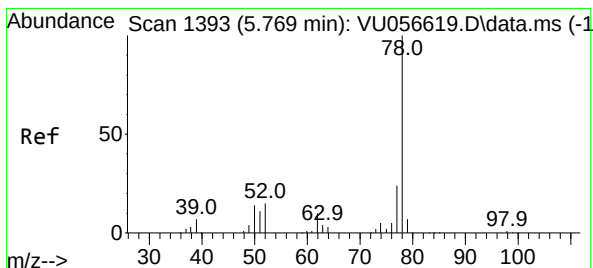
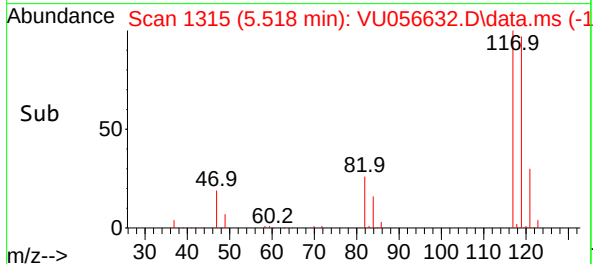
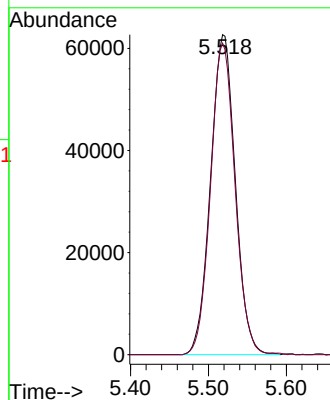
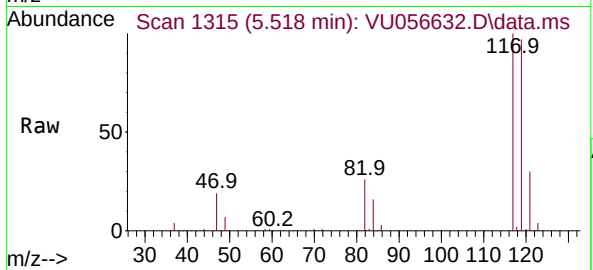




#31
Carbon tetrachloride
Concen: 5.372 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

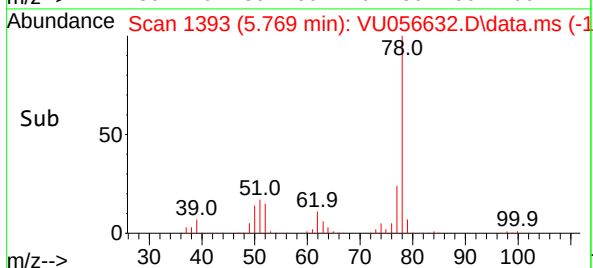
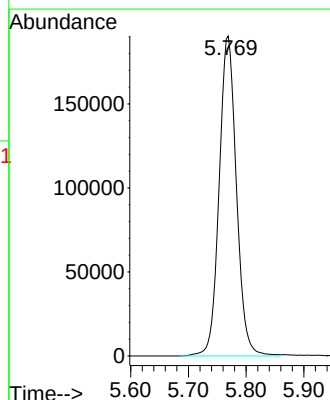
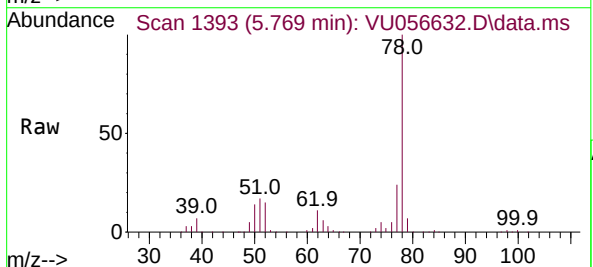
Instrument :
MSVOA_U
ClientSampleId :

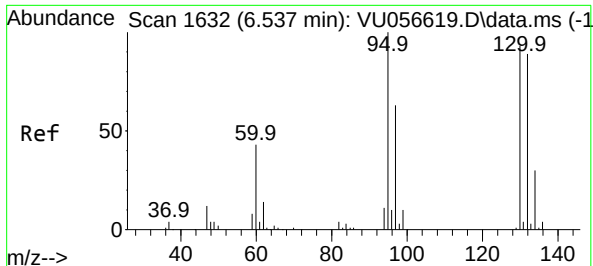
Tgt Ion:117 Resp: 138254
Ion Ratio Lower Upper
117 100
119 96.3 78.1 117.1



#33
Benzene
Concen: 5.317 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

Tgt Ion: 78 Resp: 396016





#34

Trichloroethene

Concen: 5.246 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056632.D

Acq: 28 Nov 2023 16:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 106459

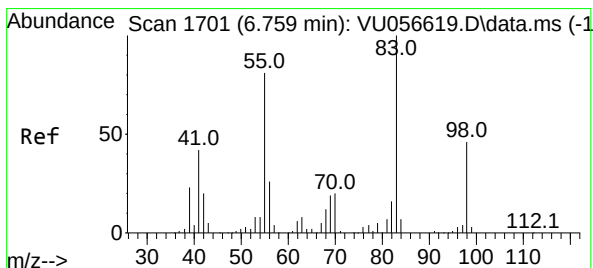
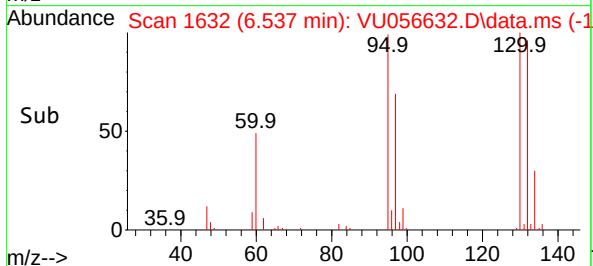
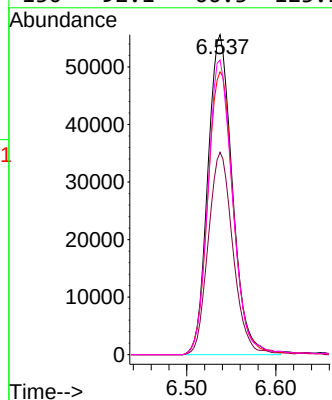
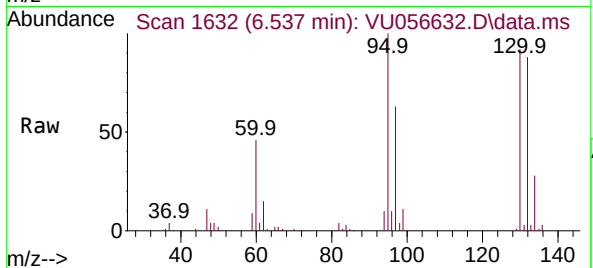
Ion Ratio Lower Upper

95 100

97 63.2 46.5 86.3

132 88.3 62.0 115.2

130 92.1 66.3 123.1



#35

Methylcyclohexane

Concen: 4.598 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU056632.D

Acq: 28 Nov 2023 16:19

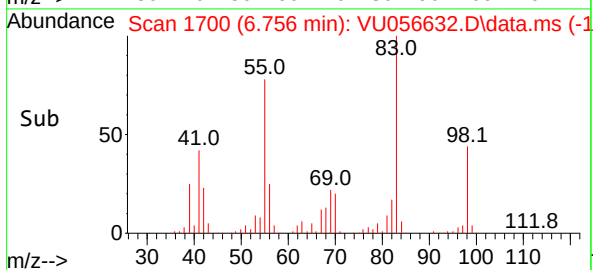
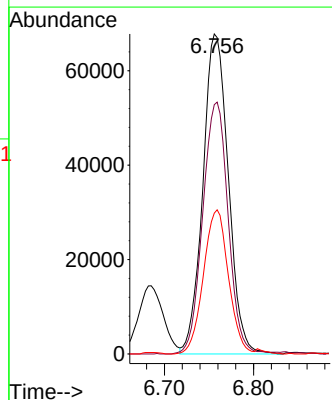
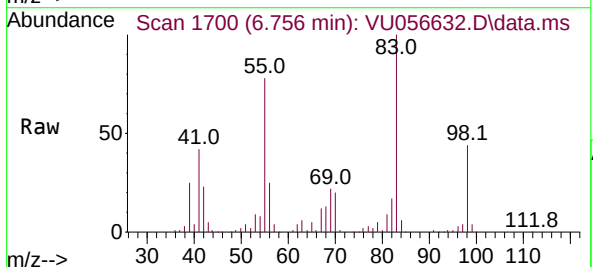
Tgt Ion: 83 Resp: 134715

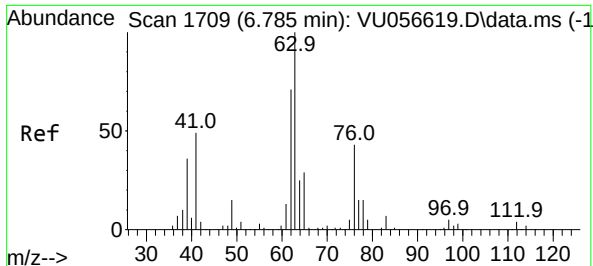
Ion Ratio Lower Upper

83 100

55 78.4 62.9 94.3

98 44.2 35.3 52.9





#37

1,2-Dichloropropane

Concen: 5.376 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056632.D

Acq: 28 Nov 2023 16:19

Instrument :

MSVOA_U

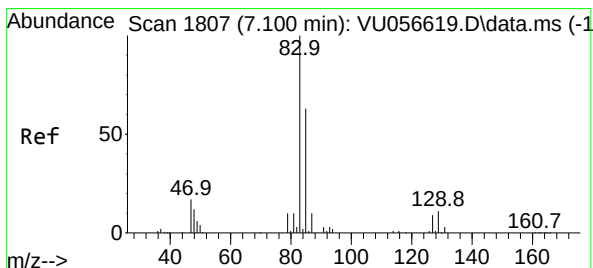
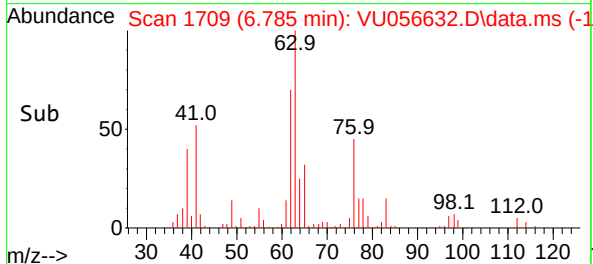
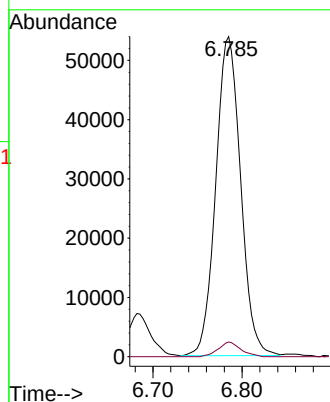
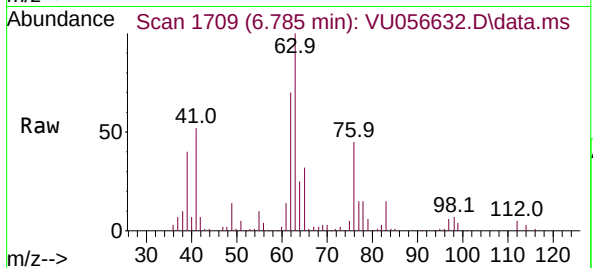
ClientSampleId :

Tgt Ion: 63 Resp: 104434

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 5.609 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU056632.D

Acq: 28 Nov 2023 16:19

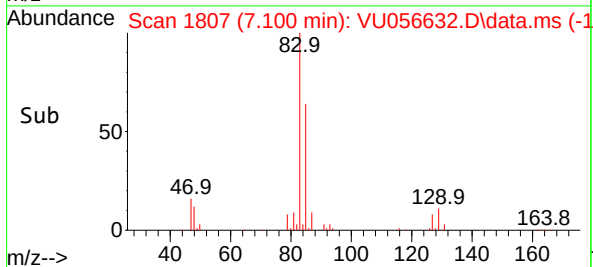
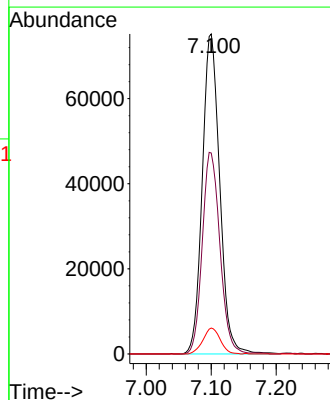
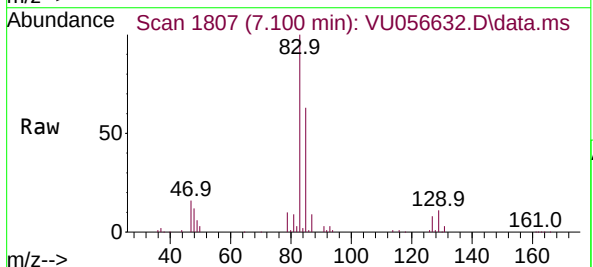
Tgt Ion: 83 Resp: 140663

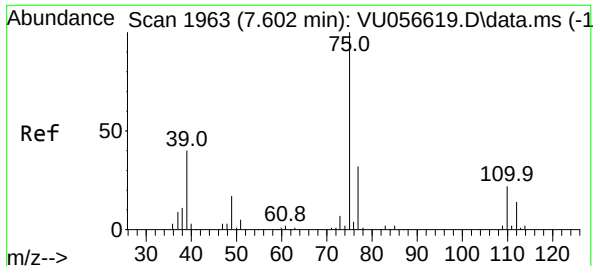
Ion Ratio Lower Upper

83 100

85 62.8 44.9 83.5

127 8.1 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.351 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU056632.D

Acq: 28 Nov 2023 16:19

Instrument :

MSVOA_U

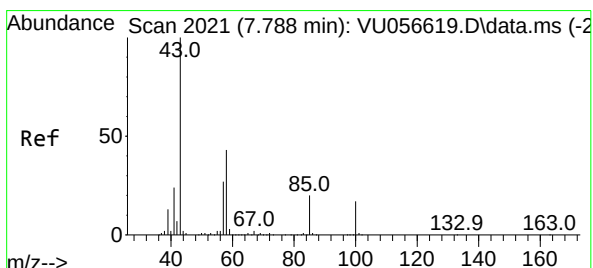
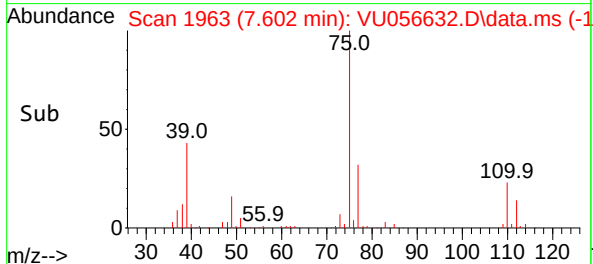
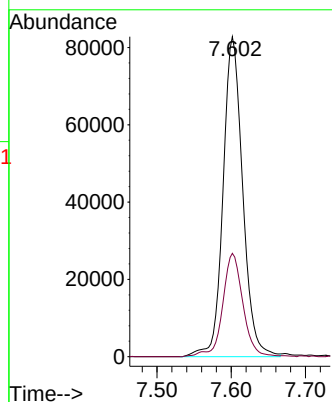
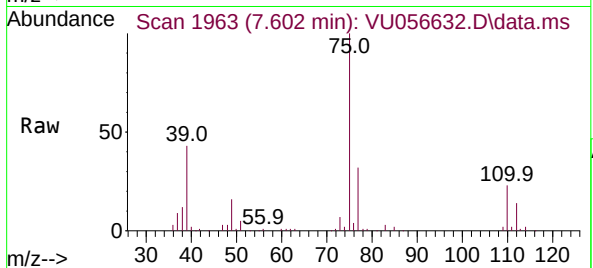
ClientSampleId :

Tgt Ion: 75 Resp: 152746

Ion Ratio Lower Upper

75 100

77 32.3 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 57.016 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU056632.D

Acq: 28 Nov 2023 16:19

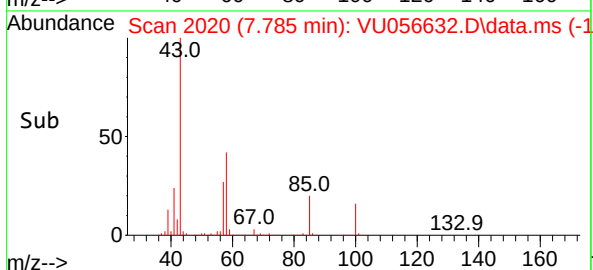
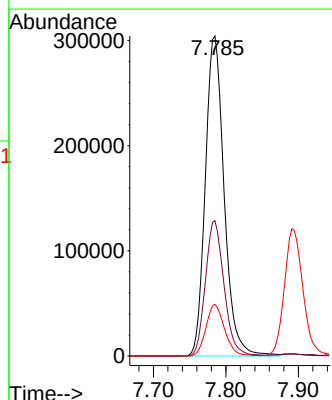
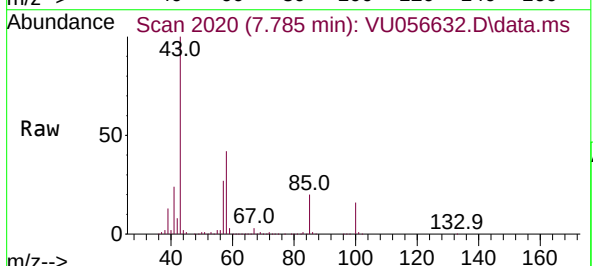
Tgt Ion: 43 Resp: 549004

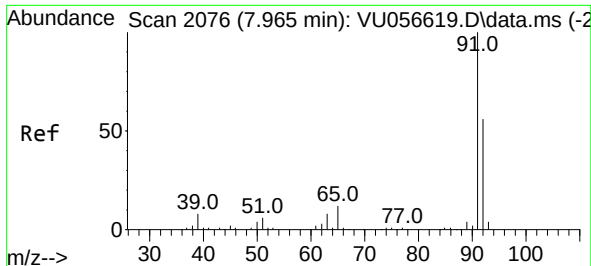
Ion Ratio Lower Upper

43 100

58 41.9 33.8 50.8

100 15.9 13.0 19.4





#42

Toluene

Concen: 5.447 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056632.D

Acq: 28 Nov 2023 16:19

Instrument :

MSVOA_U

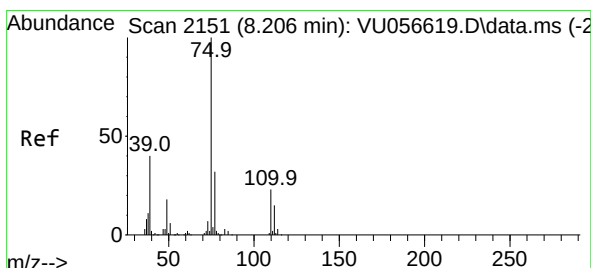
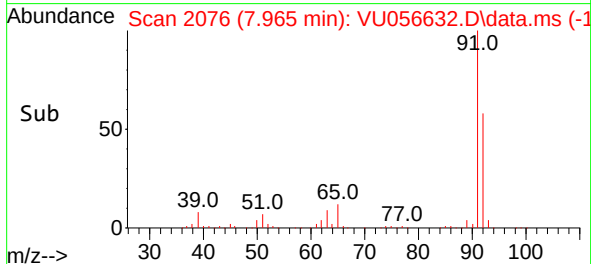
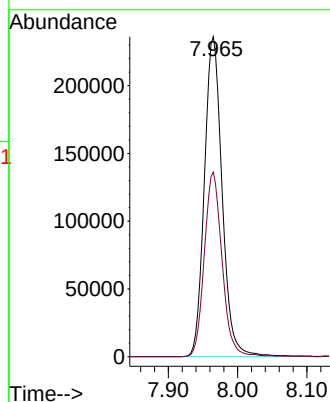
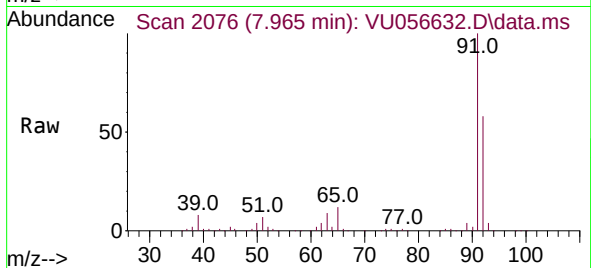
ClientSampleId :

Tgt Ion: 91 Resp: 420041

Ion Ratio Lower Upper

91 100

92 57.6 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.664 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU056632.D

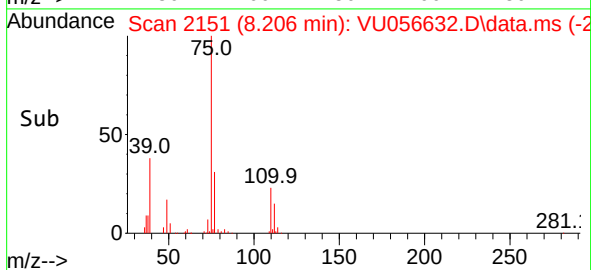
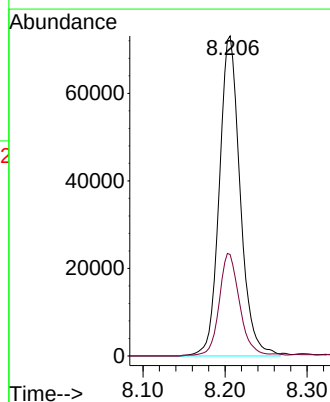
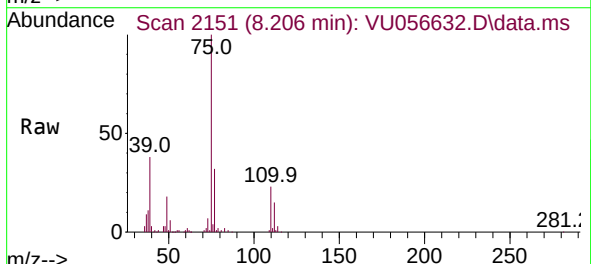
Acq: 28 Nov 2023 16:19

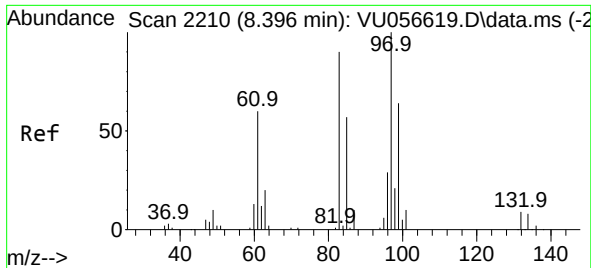
Tgt Ion: 75 Resp: 128890

Ion Ratio Lower Upper

75 100

77 31.7 22.8 42.4

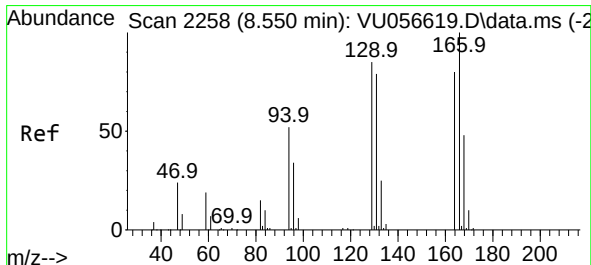
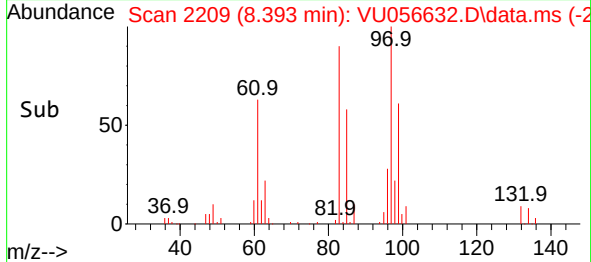
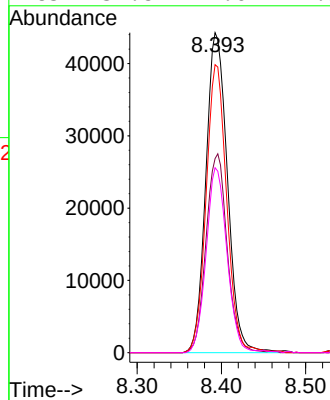
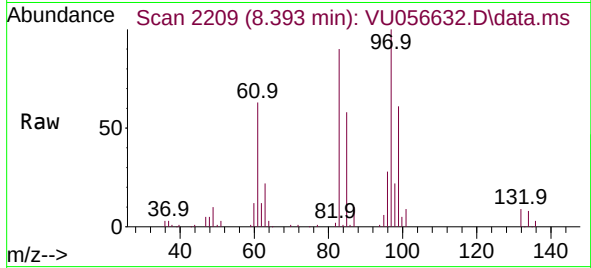




#45
1,1,2-Trichloroethane
Concen: 6.104 ug/L
RT: 8.393 min Scan# 2210
Delta R.T. -0.003 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

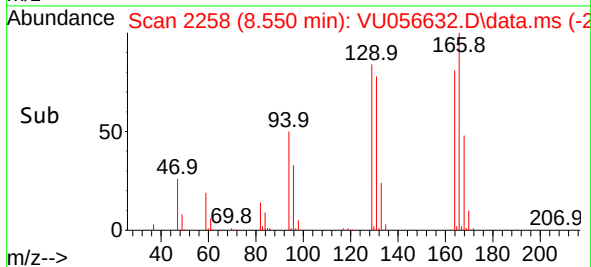
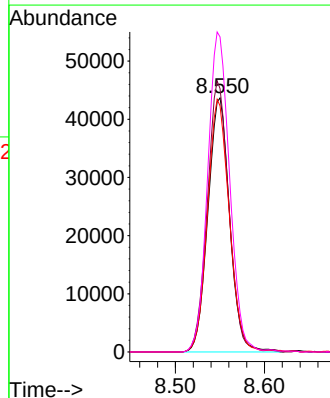
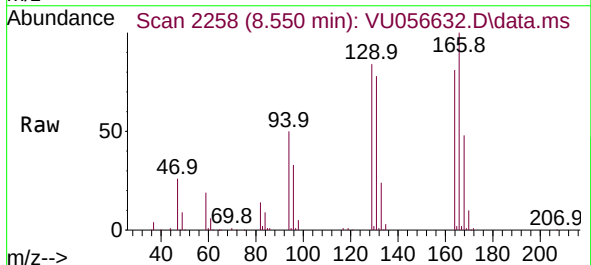
Instrument :
MSVOA_U
ClientSampleId :

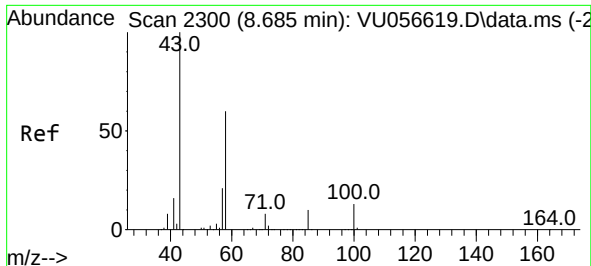
Tgt Ion: 97	Resp: 78963
Ion Ratio	Lower Upper
97 100	
99 60.6	44.3 82.3
83 90.0	65.4 121.4
85 57.8	41.6 77.3



#47
Tetrachloroethene
Concen: 5.393 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

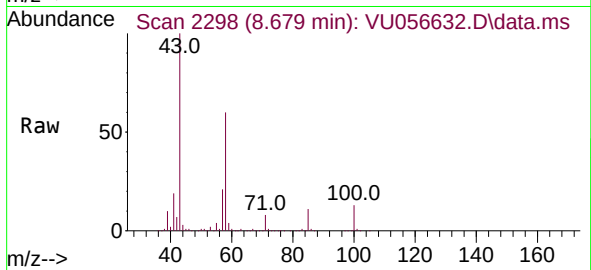
Tgt Ion: 164	Resp: 73803
Ion Ratio	Lower Upper
164 100	
129 103.7	71.0 131.9
131 96.9	70.3 130.7
166 124.0	89.8 166.8



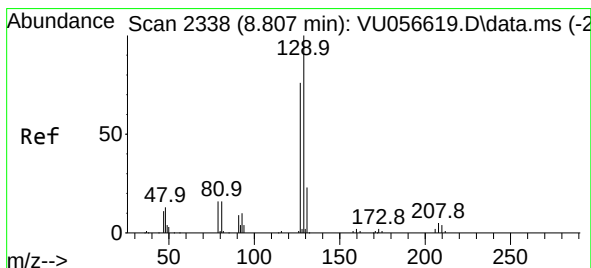
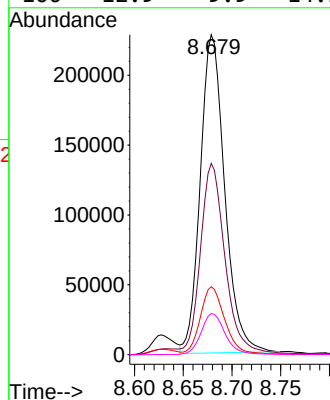
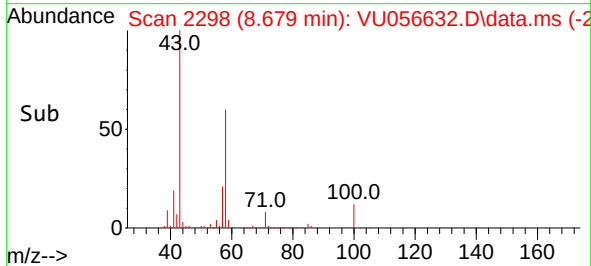


#48
2-Hexanone
Concen: 52.965 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.007 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

Instrument :
MSVOA_U
ClientSampleId :

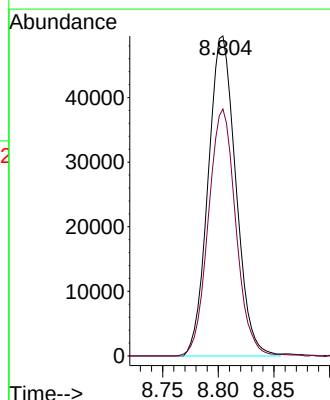
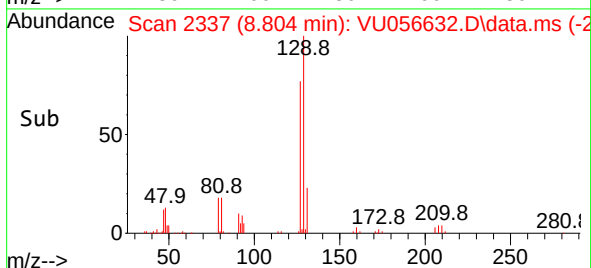
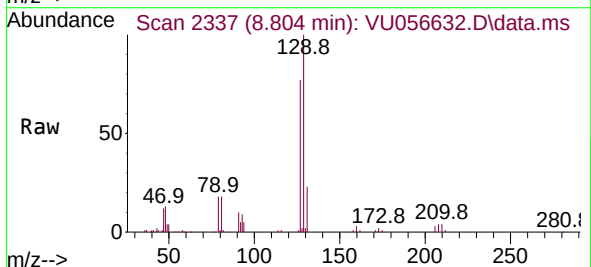


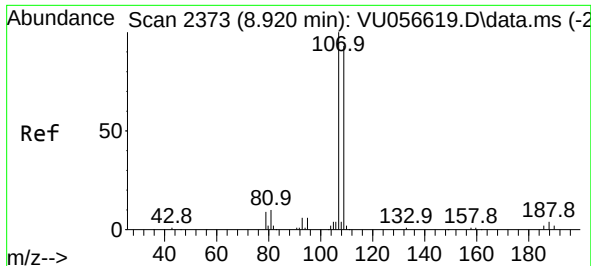
Tgt Ion: 43 Resp: 397308
Ion Ratio Lower Upper
43 100
58 60.5 48.7 73.1
57 21.6 16.8 25.2
100 12.9 9.9 14.9



#49
Dibromochloromethane
Concen: 5.822 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.003 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

Tgt Ion: 129 Resp: 85647
Ion Ratio Lower Upper
129 100
127 77.2 52.9 98.3

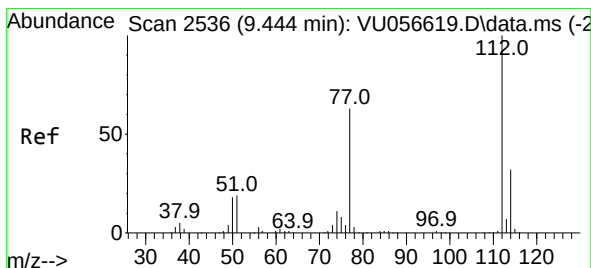
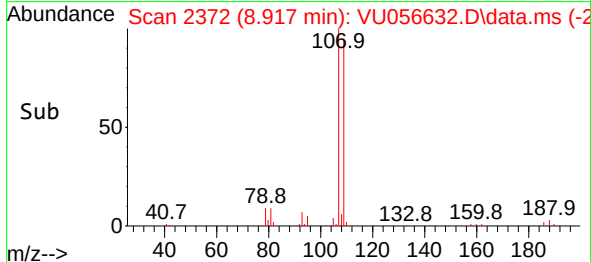
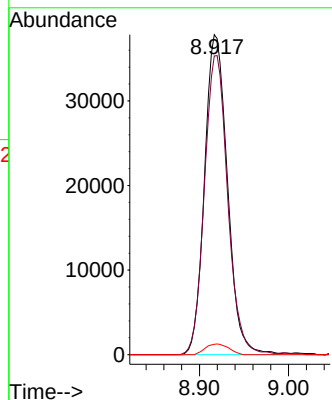
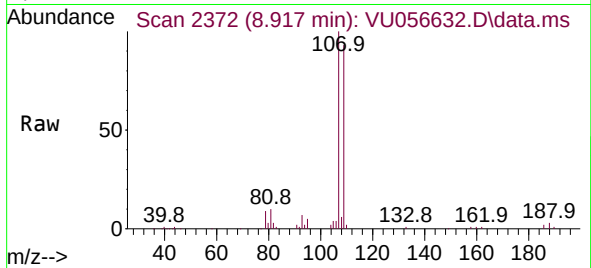




#50
1,2-Dibromoethane
Concen: 5.533 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

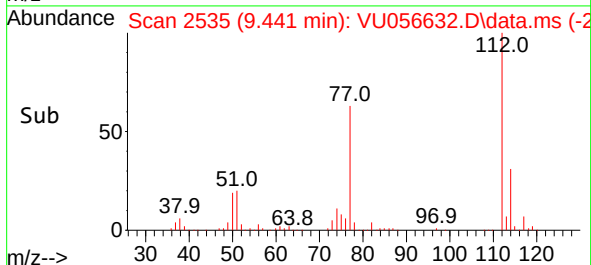
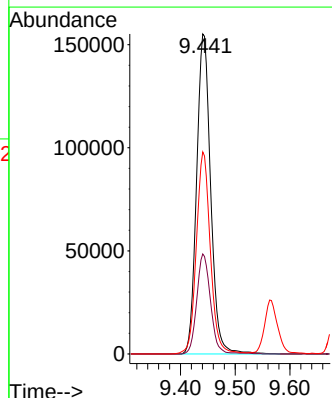
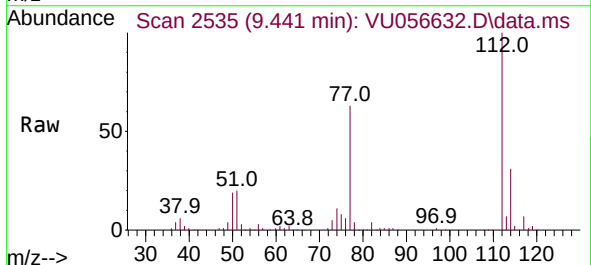
Instrument :
MSVOA_U
ClientSampleId :

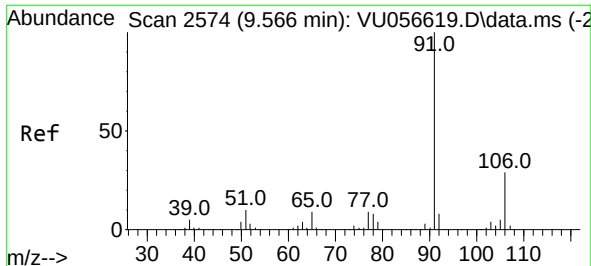
Tgt Ion:107 Resp: 67573
Ion Ratio Lower Upper
107 100
109 93.4 64.2 119.2
188 3.2 2.6 4.0



#51
Chlorobenzene
Concen: 5.585 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

Tgt Ion:112 Resp: 276735
Ion Ratio Lower Upper
112 100
114 31.2 22.5 41.7
77 63.1 51.7 77.5

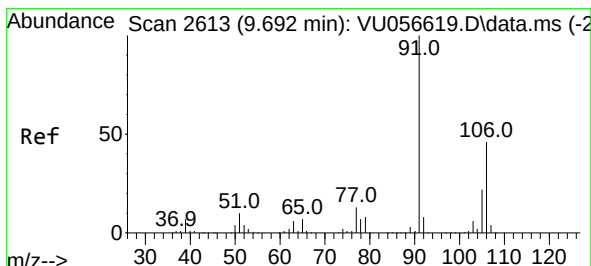
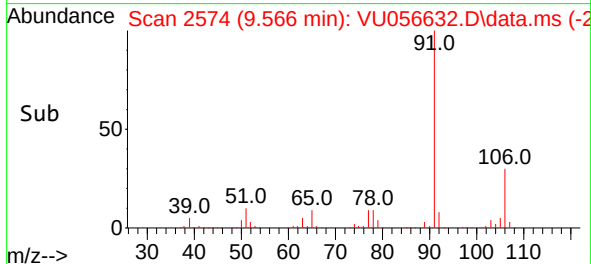
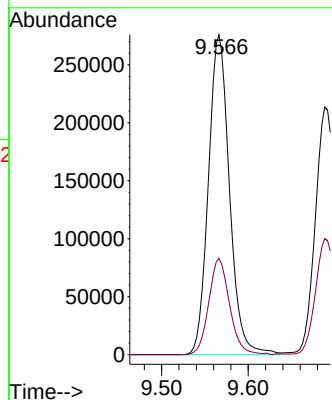
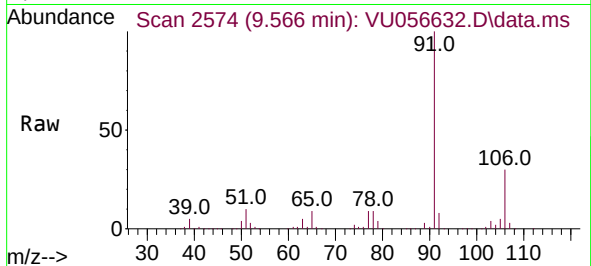




#52
Ethylbenzene
Concen: 5.449 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

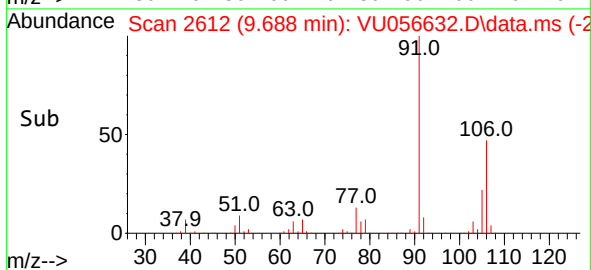
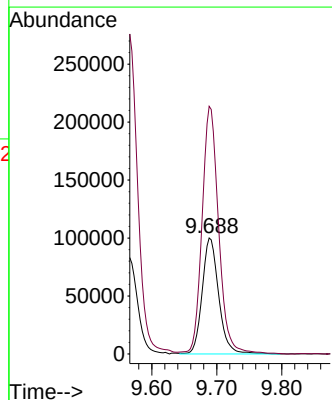
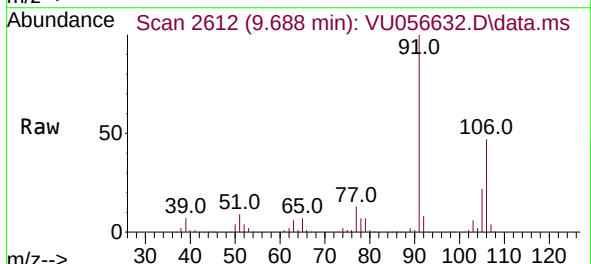
Instrument :
MSVOA_U
ClientSampleId :

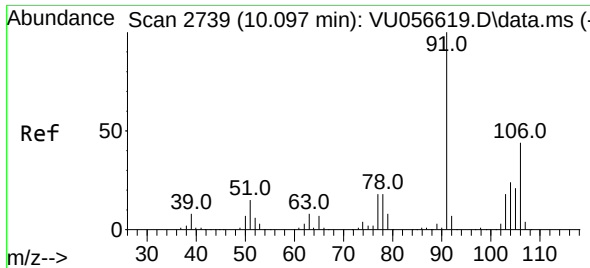
Tgt Ion: 91 Resp: 466630
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.1



#53
m,p-Xylene
Concen: 5.629 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

Tgt Ion: 106 Resp: 177209
Ion Ratio Lower Upper
106 100
91 213.5 149.6 277.8

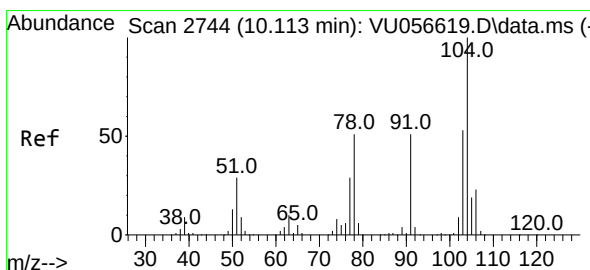
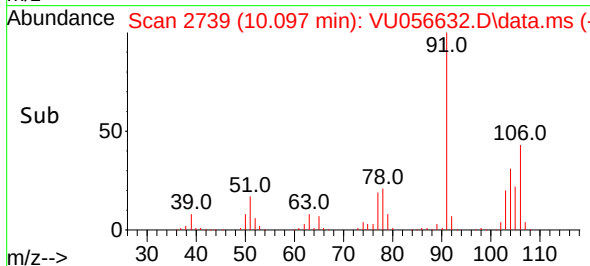
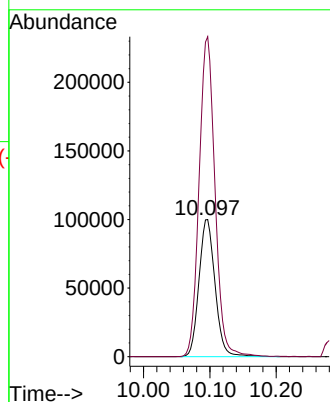
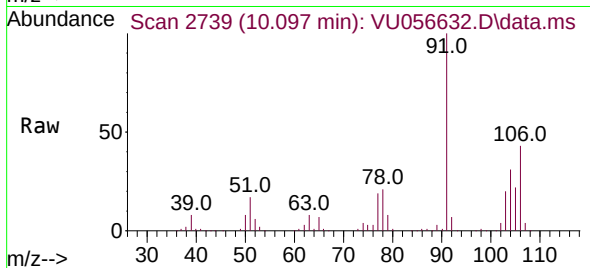




#54
o-Xylene
Concen: 5.503 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

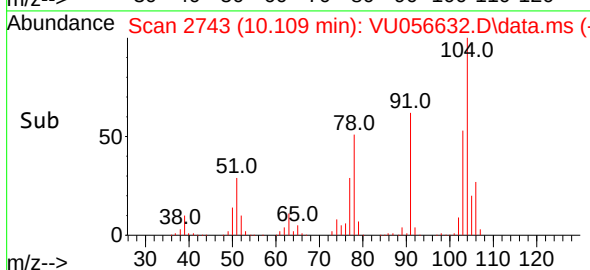
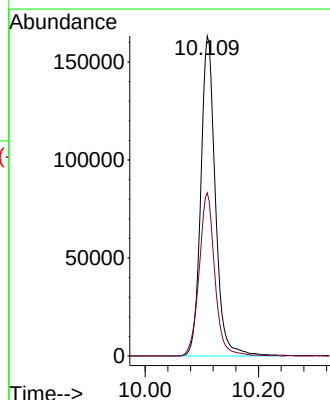
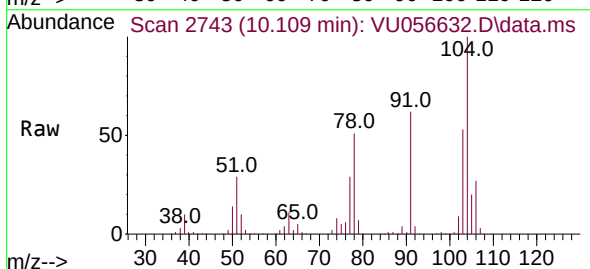
Instrument :
MSVOA_U
ClientSampleId :

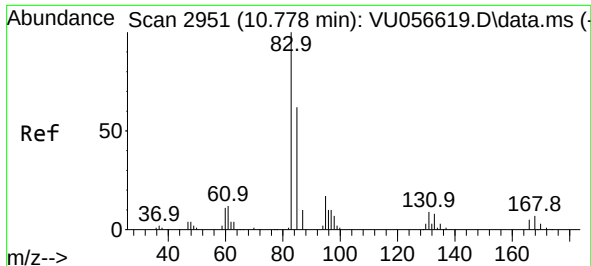
Tgt Ion:106 Resp: 168269
Ion Ratio Lower Upper
106 100
91 233.4 159.3 295.9



#55
Styrene
Concen: 5.722 ug/L
RT: 10.109 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

Tgt Ion:104 Resp: 291034
Ion Ratio Lower Upper
104 100
78 51.0 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.758 ug/L

RT: 10.775 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU056632.D

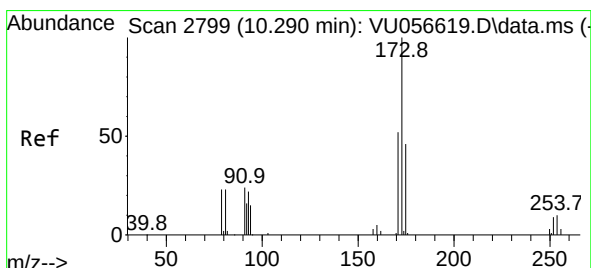
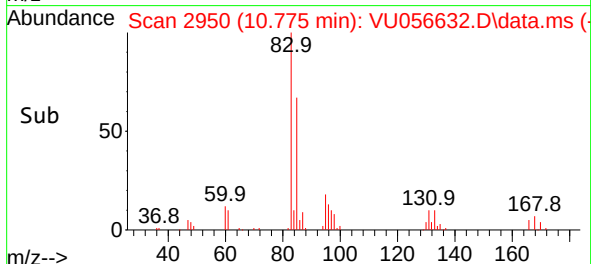
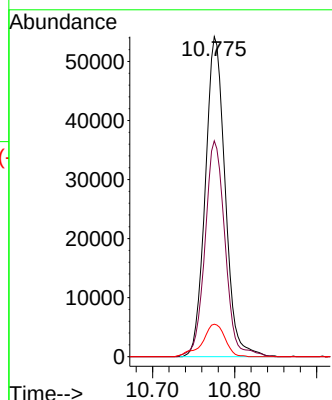
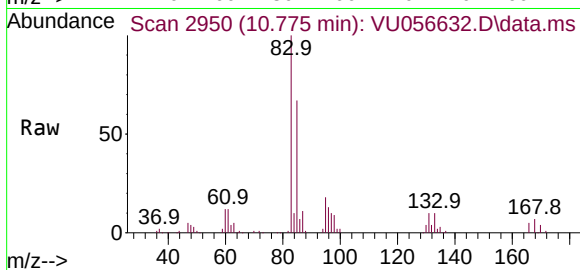
Acq: 28 Nov 2023 16:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	90957
Ion Ratio	Lower	Upper	
83	100		
85	67.4	46.3	86.1
131	10.2	6.7	10.1



#59

Bromoform

Concen: 5.901 ug/L

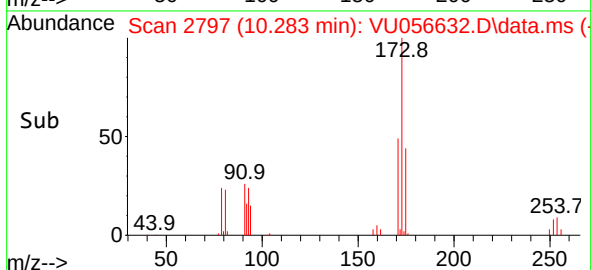
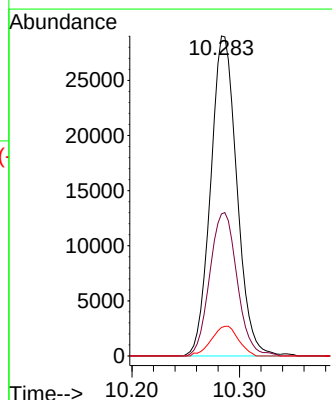
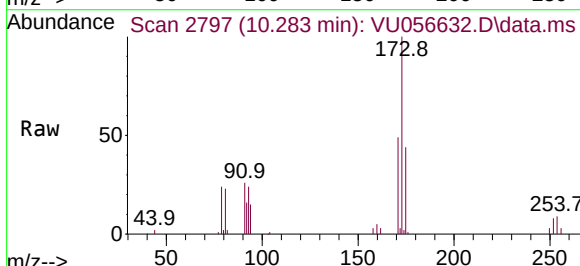
RT: 10.283 min Scan# 2797

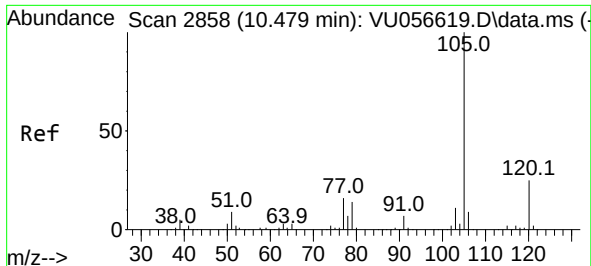
Delta R.T. -0.007 min

Lab File: VU056632.D

Acq: 28 Nov 2023 16:19

Tgt Ion:	173	Resp:	49054
Ion Ratio	Lower	Upper	
173	100		
175	46.8	38.9	58.3
254	9.5	6.7	10.1

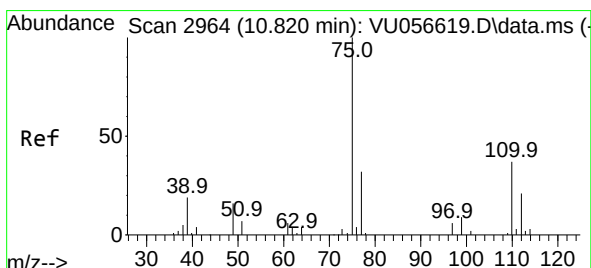
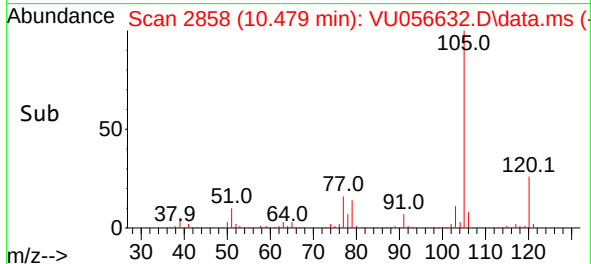
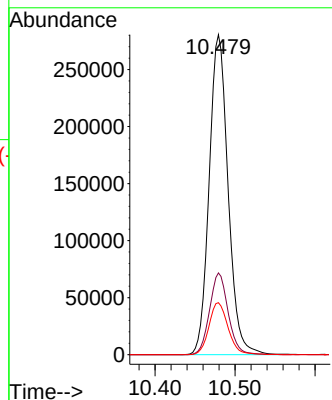
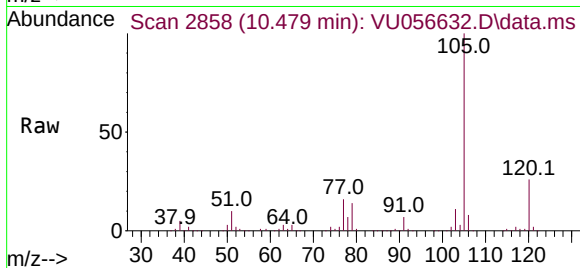




#60
Isopropylbenzene
Concen: 5.361 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

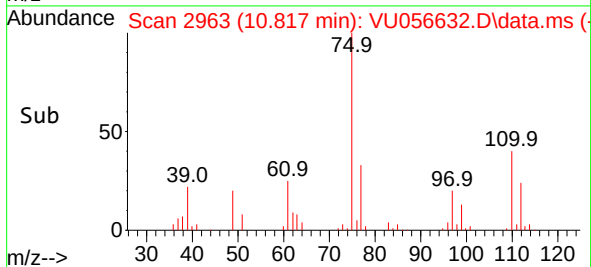
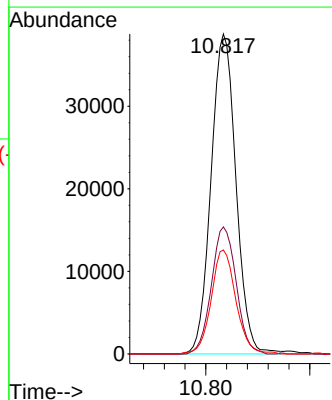
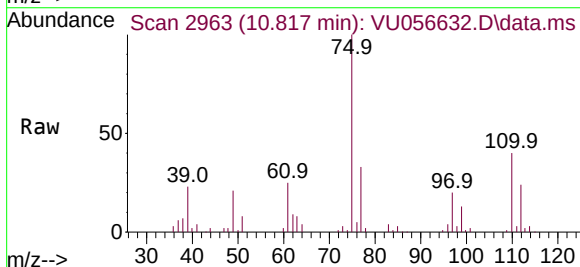
Instrument :
MSVOA_U
ClientSampleId :

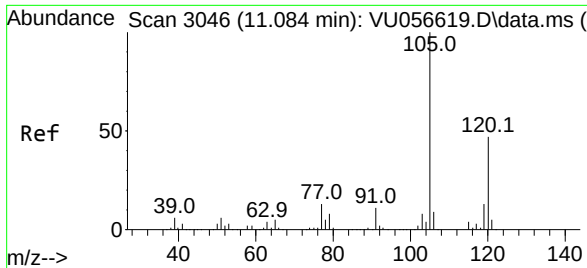
Tgt Ion:105 Resp: 461437
Ion Ratio Lower Upper
105 100
120 25.2 20.4 30.6
77 16.4 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 5.630 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

Tgt Ion: 75 Resp: 64464
Ion Ratio Lower Upper
75 100
110 39.5 30.4 45.6
77 32.3 27.0 40.6

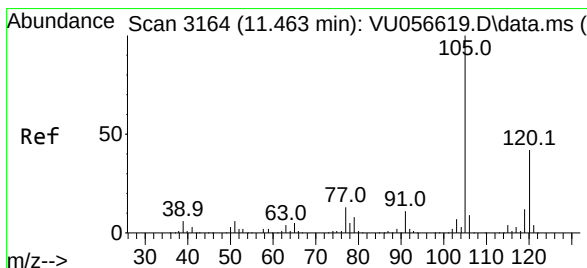
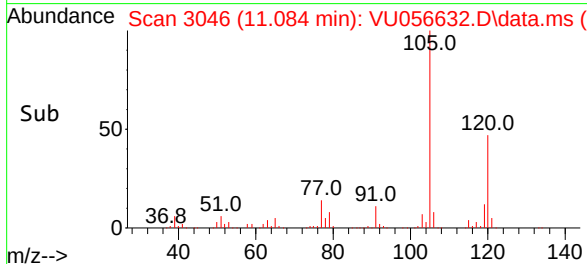
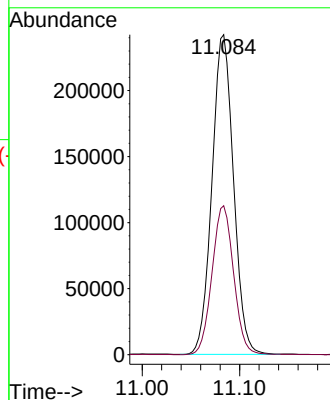
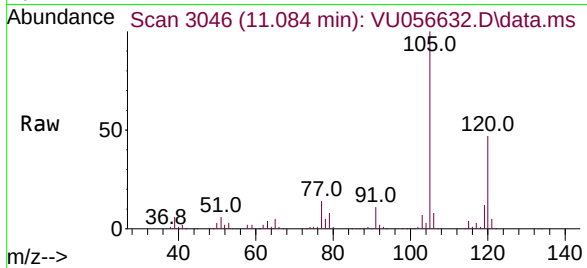




#62
1,3,5-Trimethylbenzene
Concen: 5.262 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

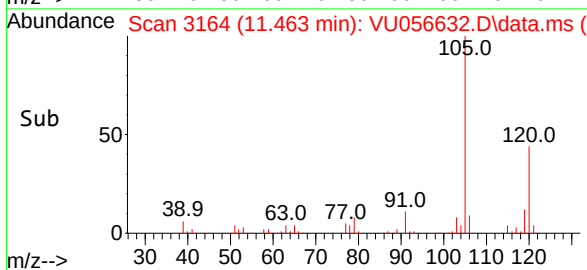
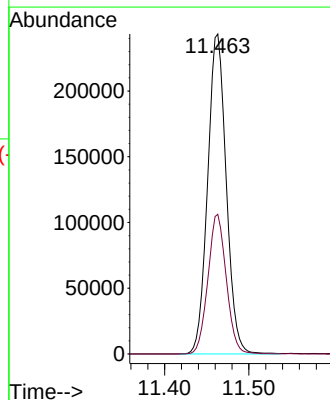
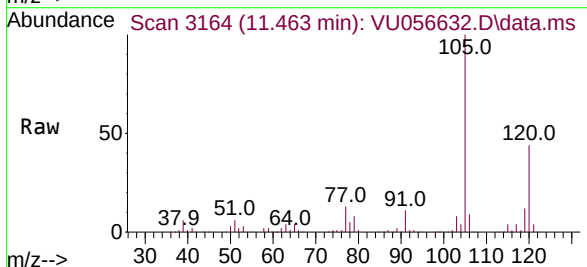
Instrument :
MSVOA_U
ClientSampleId :

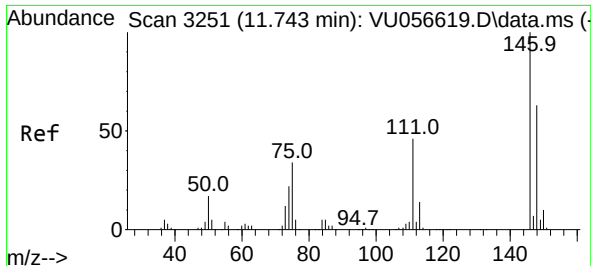
Tgt Ion:105 Resp: 371842
Ion Ratio Lower Upper
105 100
120 46.7 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 5.362 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

Tgt Ion:105 Resp: 374001
Ion Ratio Lower Upper
105 100
120 43.1 34.0 51.0

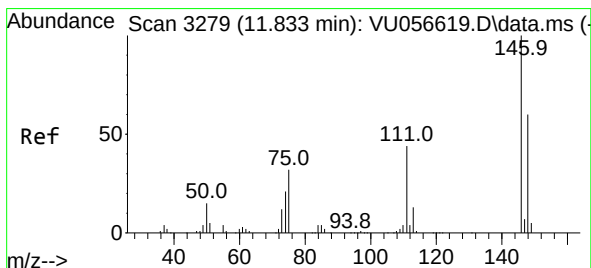
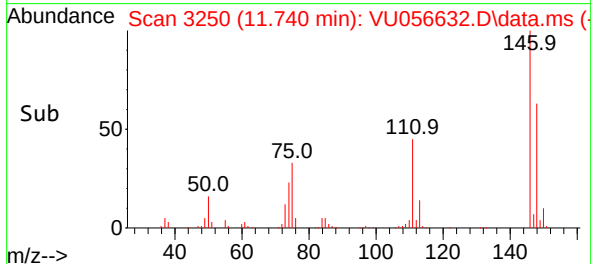
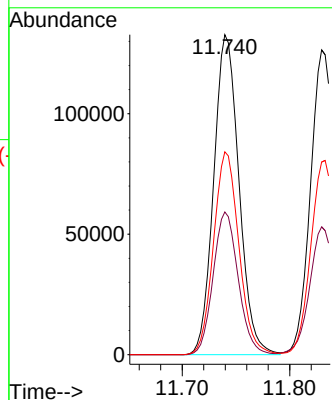
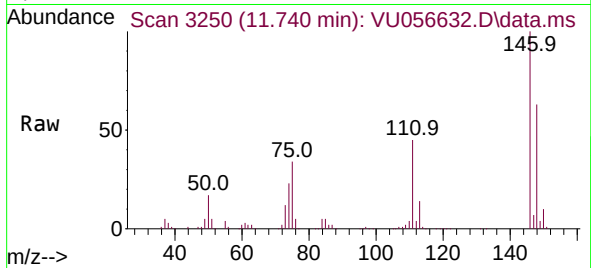




#64
1,3-Dichlorobenzene
Concen: 5.539 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

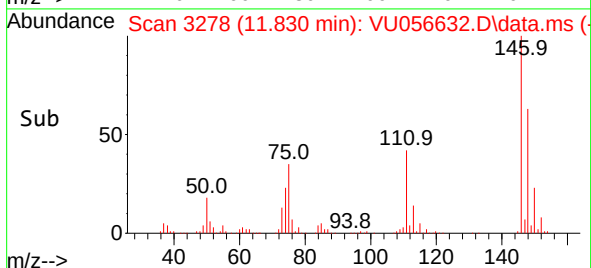
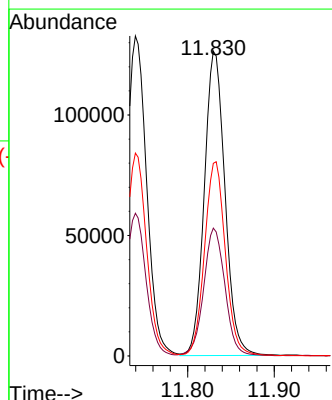
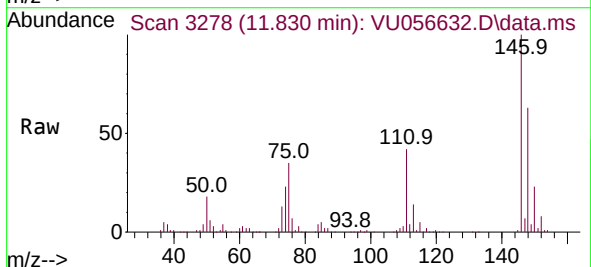
Instrument :
MSVOA_U
ClientSampleId :

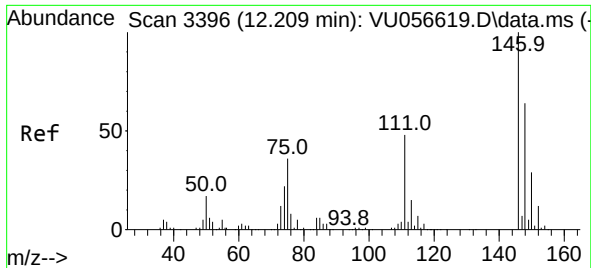
Tgt Ion:146 Resp: 216845
Ion Ratio Lower Upper
146 100
111 44.6 31.1 57.7
148 63.4 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.345 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

Tgt Ion:146 Resp: 209909
Ion Ratio Lower Upper
146 100
111 42.0 30.5 56.7
148 63.2 44.8 83.2

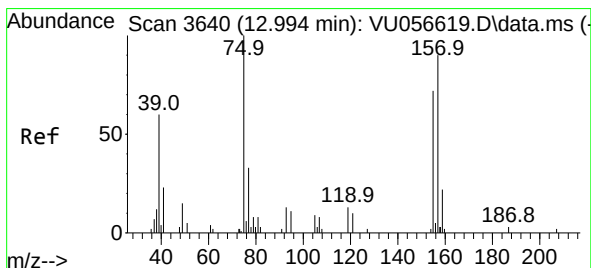
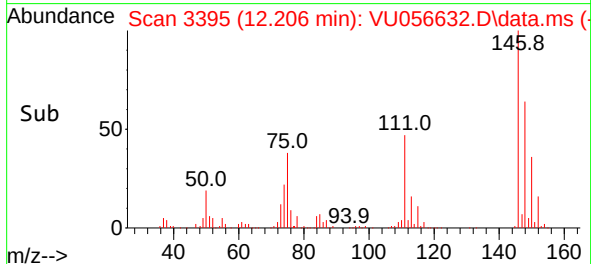
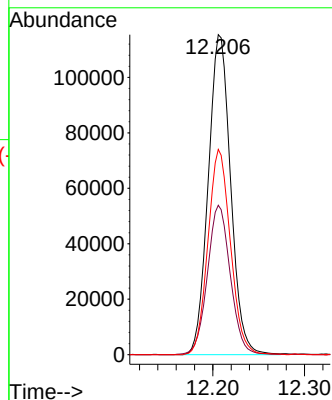
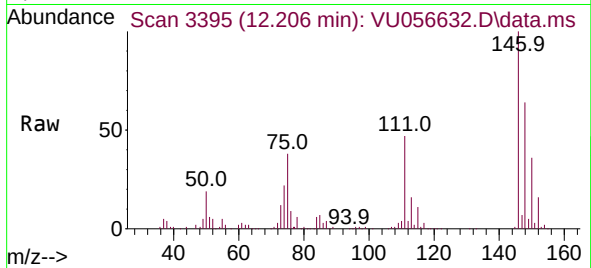




#67
1,2-Dichlorobenzene
Concen: 5.460 ug/L
RT: 12.206 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

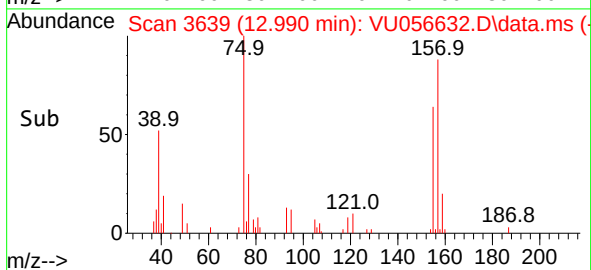
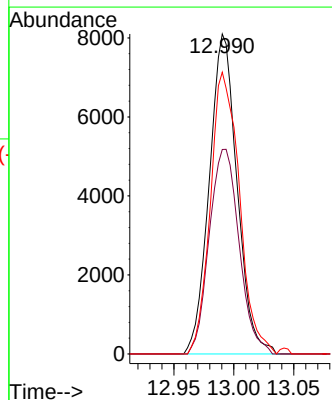
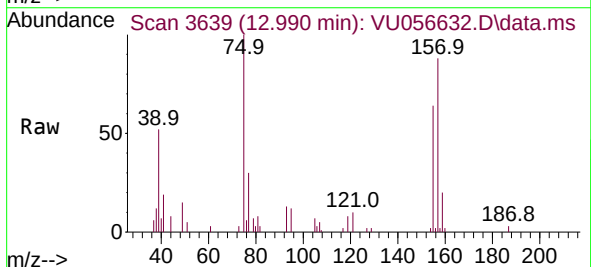
Instrument :
MSVOA_U
ClientSampleId :

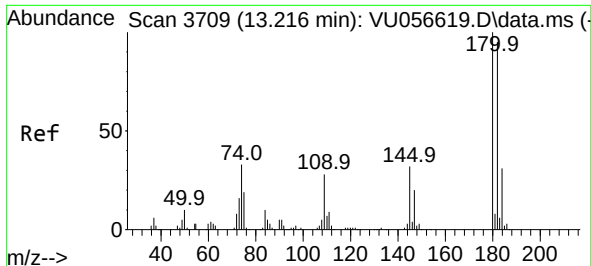
Tgt Ion:146 Resp: 196101
Ion Ratio Lower Upper
146 100
111 46.7 38.3 57.5
148 64.1 52.2 78.4



#68
1,2-Dibromo-3-chloropropane
Concen: 5.324 ug/L
RT: 12.990 min Scan# 3639
Delta R.T. -0.003 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

Tgt Ion: 75 Resp: 13023
Ion Ratio Lower Upper
75 100
155 63.9 62.4 93.6
157 88.0 80.2 120.2





#69

1,3,5-Trichlorobenzene

Concen: 5.355 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU056632.D

Acq: 28 Nov 2023 16:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 157864

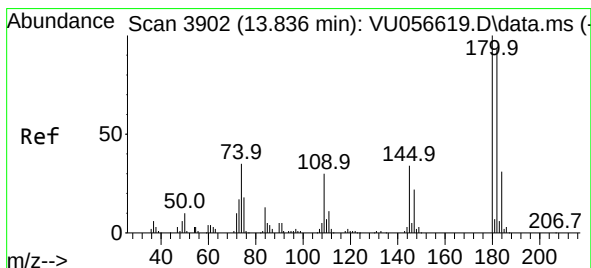
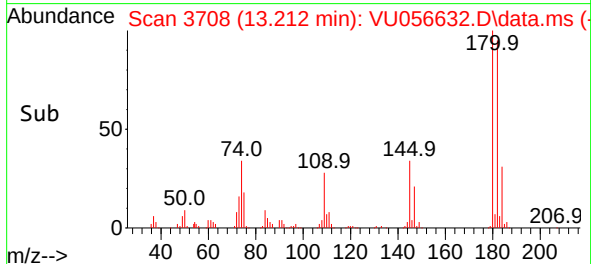
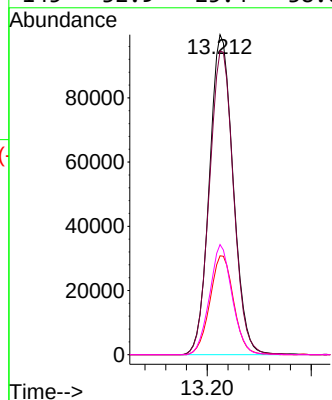
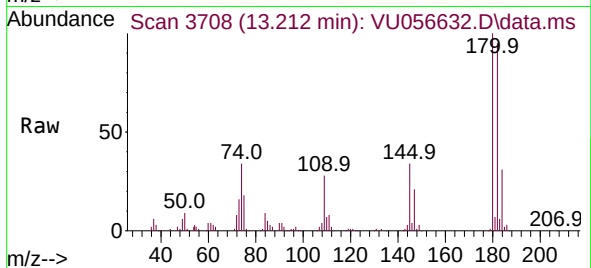
Ion Ratio Lower Upper

180 100

182 96.5 75.1 112.7

184 31.0 23.5 35.3

145 32.9 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.075 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU056632.D

Acq: 28 Nov 2023 16:19

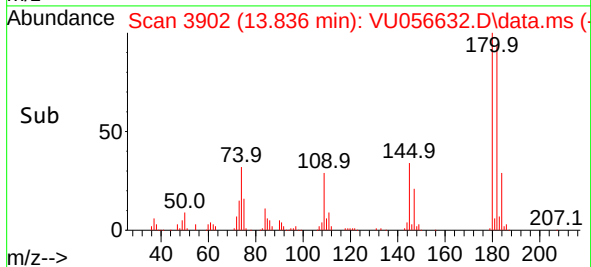
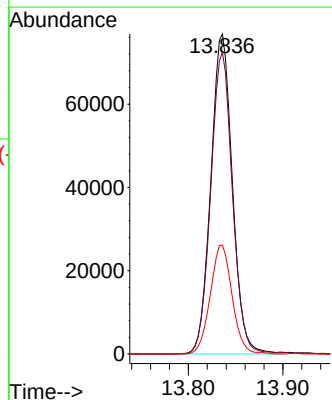
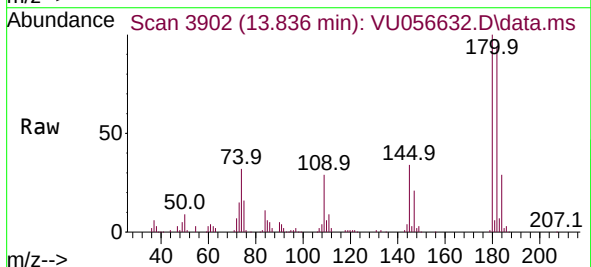
Tgt Ion:180 Resp: 121847

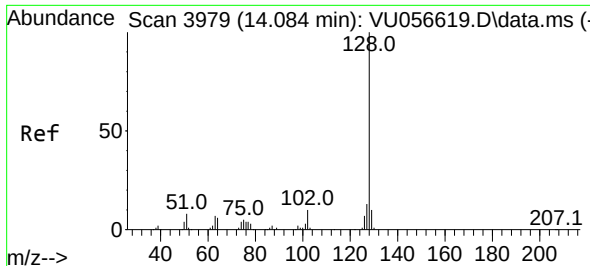
Ion Ratio Lower Upper

180 100

182 94.7 75.4 113.2

145 34.4 26.8 40.2

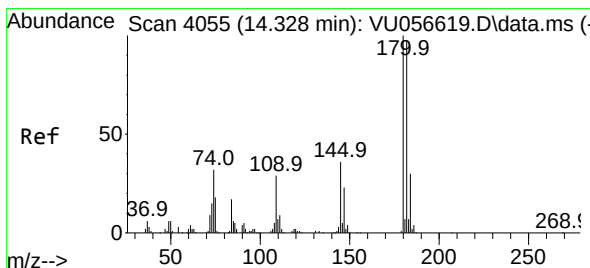
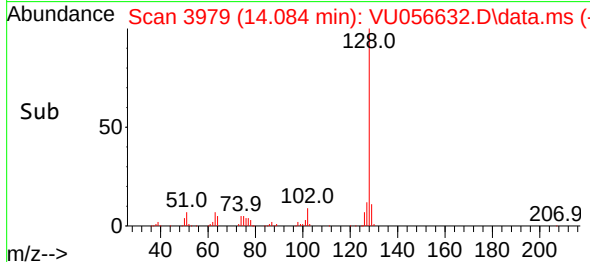
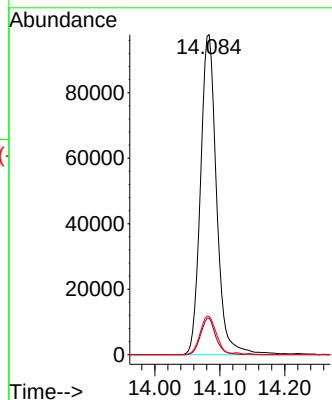
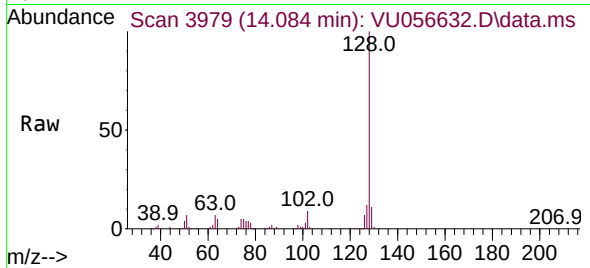




#71
Naphthalene
Concen: 4.643 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 168434
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.2 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.167 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VU056632.D
Acq: 28 Nov 2023 16:19

Tgt Ion:180 Resp: 102183
Ion Ratio Lower Upper
180 100
182 94.6 78.6 117.8
145 34.9 29.0 43.6

