

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057232.D
 Acq On : 23 Dec 2023 09:31
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 25 00:17:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 23 00:27:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	193091	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	190564	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	91254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	82769	4.485	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.911	69	72402	4.766	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.560	65	34995	4.376	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.625	46	161710	55.807	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.620%
24) Chloroform-d	5.055	84	167911	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.695	65	79853	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.721	84	307237	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.686	67	92353	4.965	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.895	98	274807	4.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.174	79	34040	4.396	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.628	63	125007	47.420	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.840%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	68949	5.209	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	86045	4.382	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	90498	5.012	ug/L	99
3) Chloromethane	1.515	50	96523	6.100	ug/L	98
5) Vinyl chloride	1.599	62	101857	6.034	ug/L	100
6) Bromomethane	1.853	94	45397	6.150	ug/L	97
8) Chloroethane	1.930	64	62467	5.829	ug/L	100
9) Trichlorofluoromethane	2.133	101	157625	5.082	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	84226	5.245	ug/L	99
12) 1,1-Dichloroethene	2.573	96	75356	5.220	ug/L	94
13) Acetone	2.638	43	95085	54.577	ug/L	99
14) Carbon disulfide	2.789	76	223353	4.917	ug/L	99
15) Methyl Acetate	2.946	43	25423	6.188	ug/L	97
16) Methylene chloride	3.039	84	89465	5.331	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	164354	5.361	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	77140	5.480	ug/L	97
19) 1,1-Dichloroethane	3.863	63	156113	5.588	ug/L	100
21) 2-Butanone	4.702	43	153845	57.942	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	84453	5.448	ug/L	98
23) Bromochloromethane	4.965	128	36503	5.434	ug/L	95
25) Chloroform	5.078	83	169698	5.385	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057232.D
 Acq On : 23 Dec 2023 09:31
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 25 00:17:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 23 00:27:07 2023
 Response via : Initial Calibration

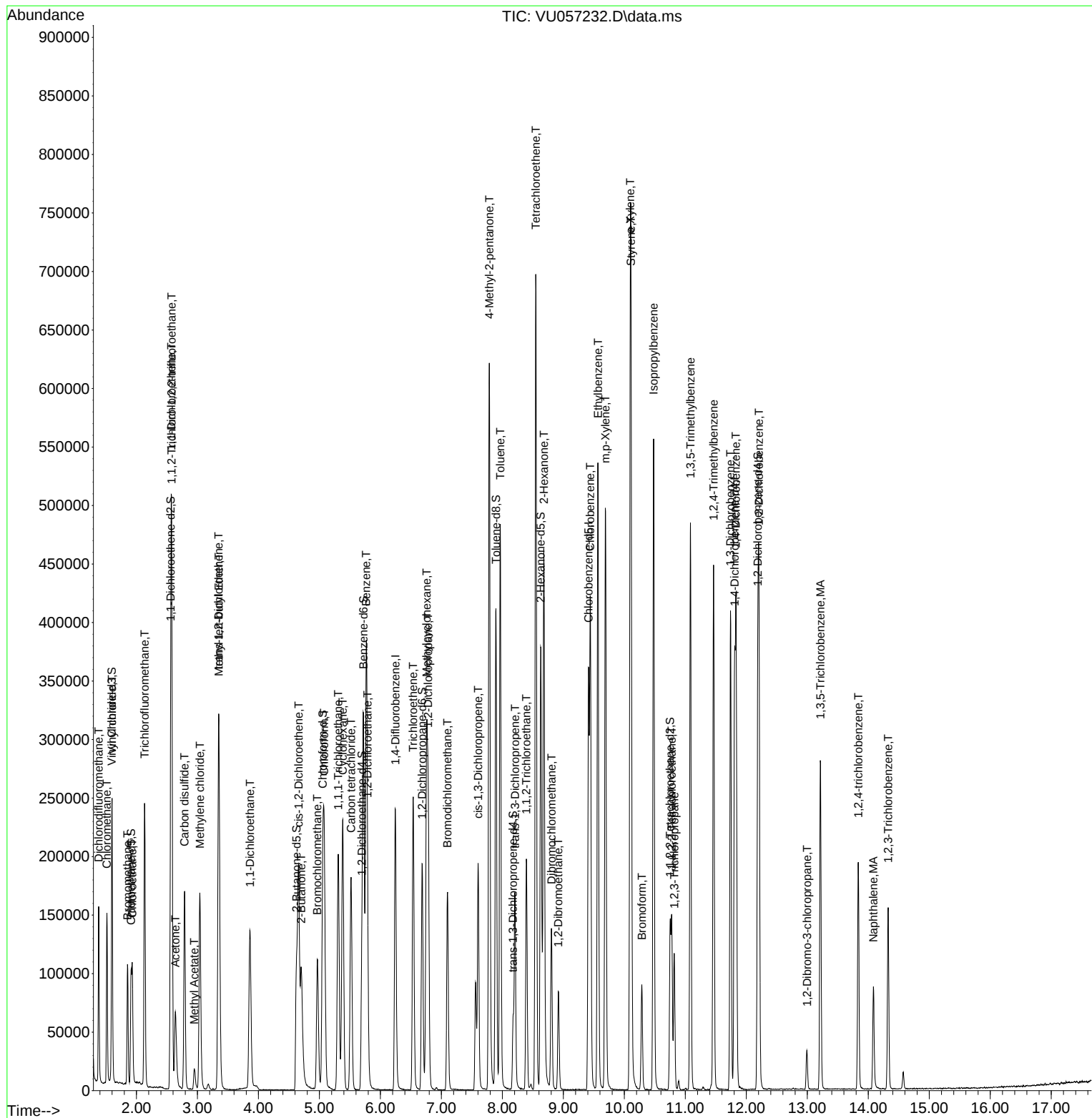
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.789	62	97207	5.228	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	151259	4.995	ug/L	98
30) Cyclohexane	5.383	56	109773	5.361	ug/L	95
31) Carbon tetrachloride	5.518	117	131321	4.929	ug/L	100
33) Benzene	5.766	78	340107	5.630	ug/L	100
34) Trichloroethene	6.538	95	89710	5.078	ug/L	97
35) Methylcyclohexane	6.760	83	112030	4.817	ug/L	97
37) 1,2-Dichloropropane	6.782	63	87924	5.851	ug/L	100
38) Bromodichloromethane	7.100	83	115303	5.303	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	118598	5.247	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	380214	58.203	ug/L	99
42) Toluene	7.965	91	354874	5.543	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	98790	5.121	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	61554	5.937	ug/L	95
47) Tetrachloroethene	8.547	164	151346	11.955	ug/L	98
48) 2-Hexanone	8.679	43	277118	57.657	ug/L	98
49) Dibromochloromethane	8.804	129	69926	5.203	ug/L	97
50) 1,2-Dibromoethane	8.917	107	54728	5.623	ug/L	97
51) Chlorobenzene	9.441	112	217901	5.229	ug/L	97
52) Ethylbenzene	9.567	91	373453	5.177	ug/L	99
53) m,p-Xylene	9.689	106	138840	5.261	ug/L	98
54) o-Xylene	10.097	106	132002	5.184	ug/L	97
55) Styrene	10.110	104	228807	5.448	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	70035	5.602	ug/L	99
59) Bromoform	10.287	173	40156	5.734	ug/L	95
60) Isopropylbenzene	10.480	105	357170	5.309	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	49557	5.828	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	261414	4.742	ug/L	99
63) 1,2,4-Trimethylbenzene	11.464	105	249316	4.583	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	161845	5.090	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	152808	4.773	ug/L	94
67) 1,2-Dichlorobenzene	12.206	146	144148	5.068	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	9670	5.014	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	83069	3.511	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	57082	3.081	ug/L	98
71) Naphthalene	14.084	128	73754	3.147	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	45970	3.181	ug/L	99

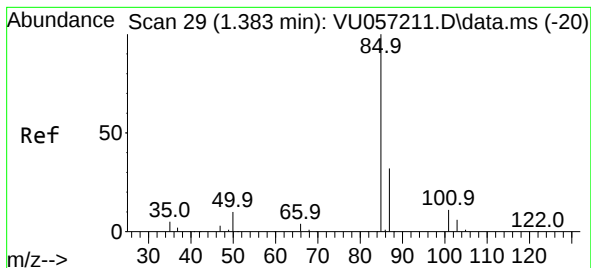
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057232.D
 Acq On : 23 Dec 2023 09:31
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 25 00:17:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 23 00:27:07 2023
 Response via : Initial Calibration

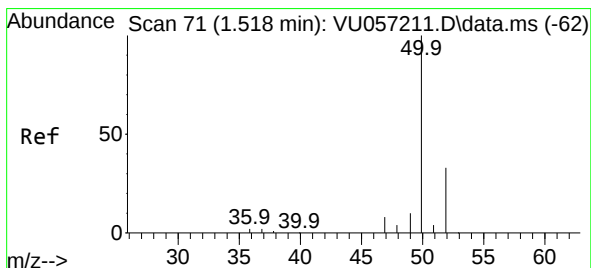
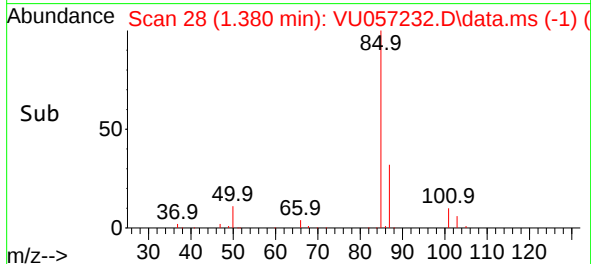
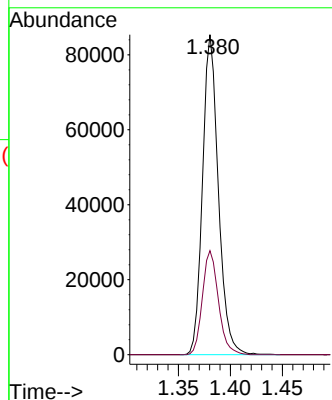
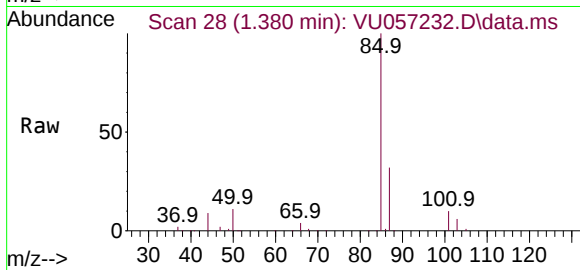




#2
 Dichlorodifluoromethane
 Concen: 5.012 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU057232.D
 Acq: 23 Dec 2023 09:31

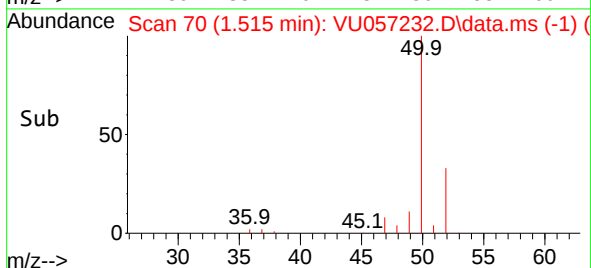
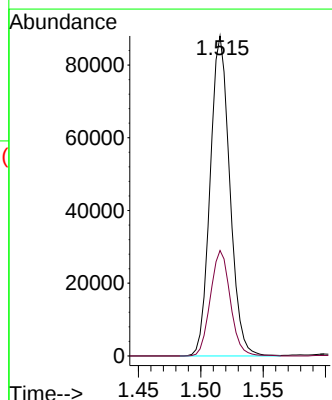
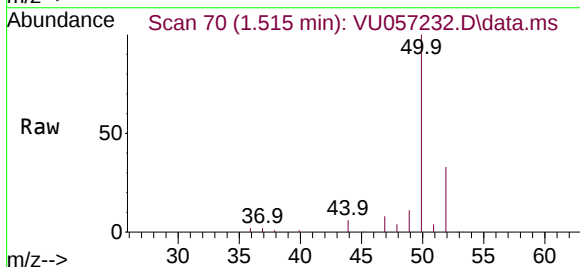
Instrument :
 MSVOA_U
 ClientSampleId :

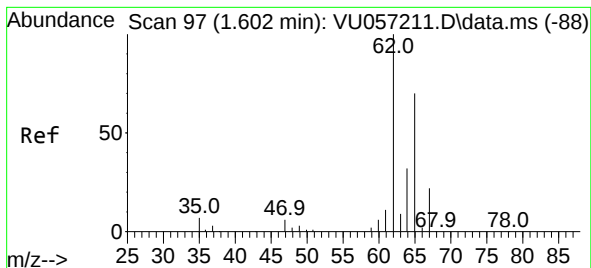
Tgt Ion: 85 Resp: 90498
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.9 38.9



#3
 Chloromethane
 Concen: 6.100 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU057232.D
 Acq: 23 Dec 2023 09:31

Tgt Ion: 50 Resp: 96523
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.7 44.1





#5

Vinyl chloride

Concen: 6.034 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

Instrument :

MSVOA_U

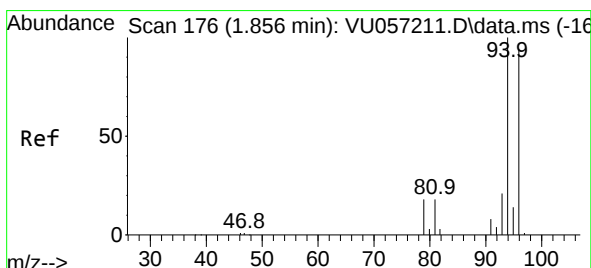
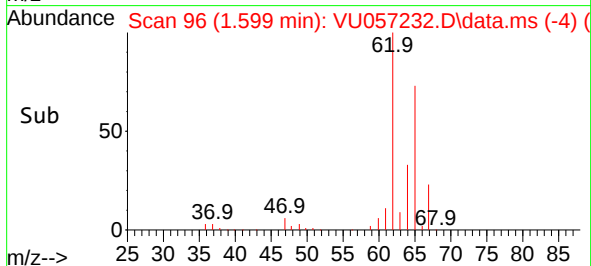
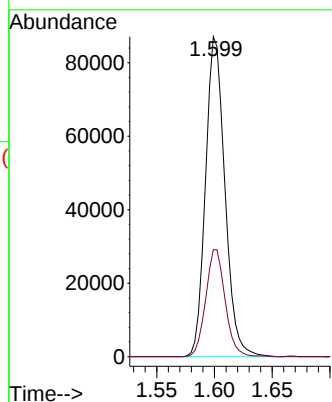
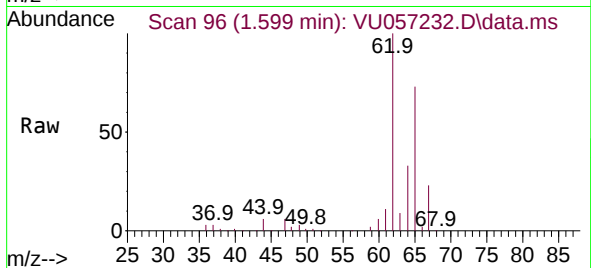
ClientSampleId :

Tgt Ion: 62 Resp: 101857

Ion Ratio Lower Upper

62 100

64 33.4 23.3 43.3



#6

Bromomethane

Concen: 6.150 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU057232.D

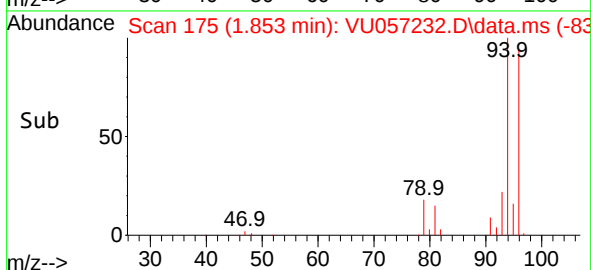
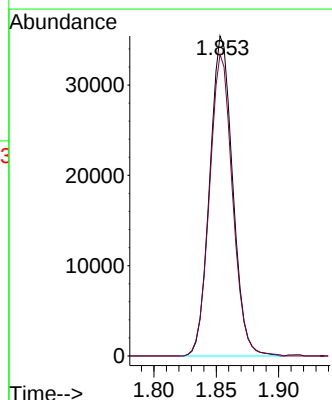
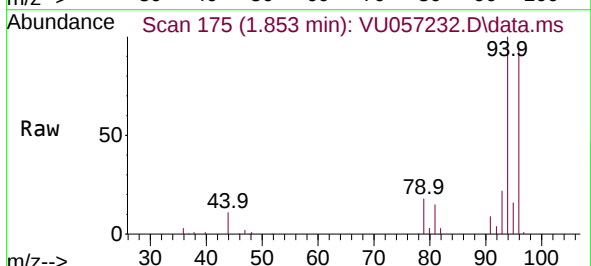
Acq: 23 Dec 2023 09:31

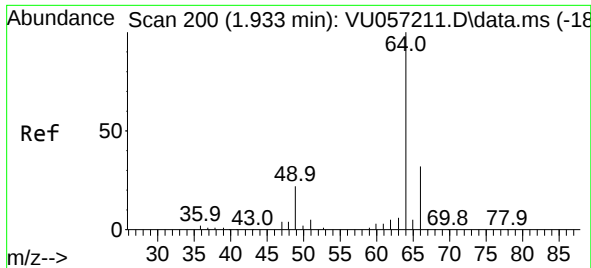
Tgt Ion: 94 Resp: 45397

Ion Ratio Lower Upper

94 100

96 94.3 68.2 126.6

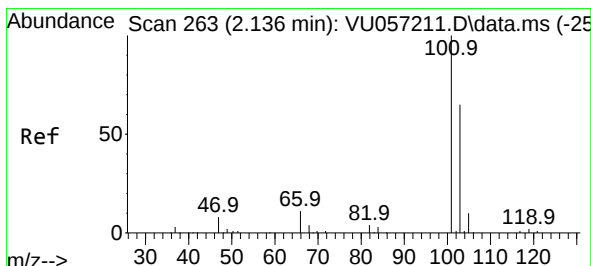
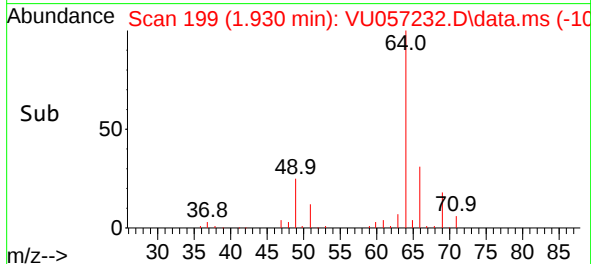
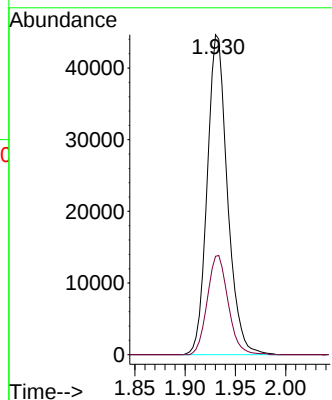
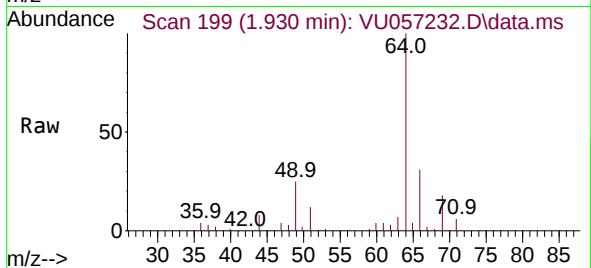




#8
Chloroethane
Concen: 5.829 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU057232.D
Acq: 23 Dec 2023 09:31

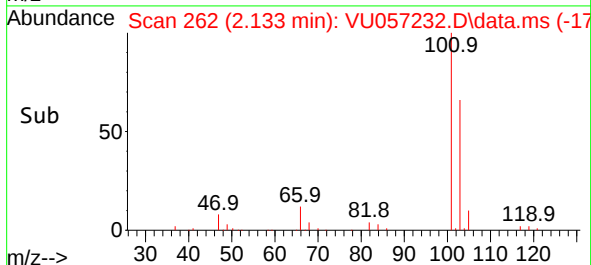
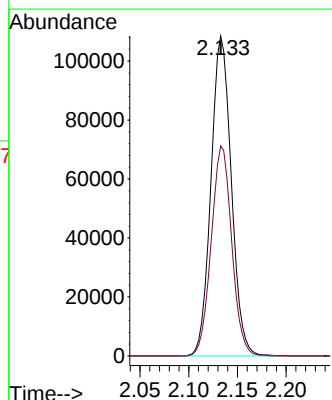
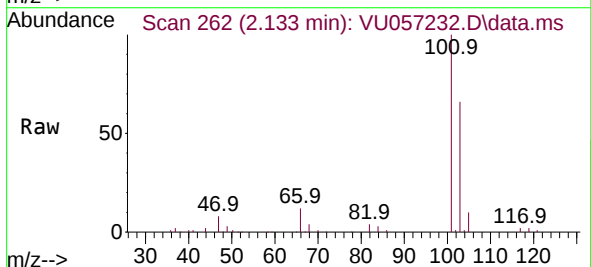
Instrument :
MSVOA_U
ClientSampleId :

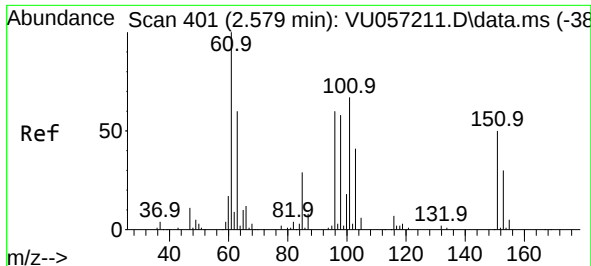
Tgt Ion: 64 Resp: 62467
Ion Ratio Lower Upper
64 100
66 30.7 21.6 40.2



#9
Trichlorofluoromethane
Concen: 5.082 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU057232.D
Acq: 23 Dec 2023 09:31

Tgt Ion:101 Resp: 157625
Ion Ratio Lower Upper
101 100
103 66.1 52.1 78.1

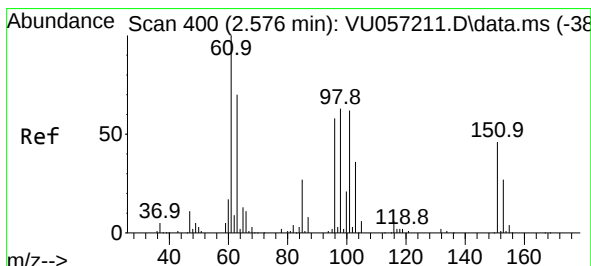
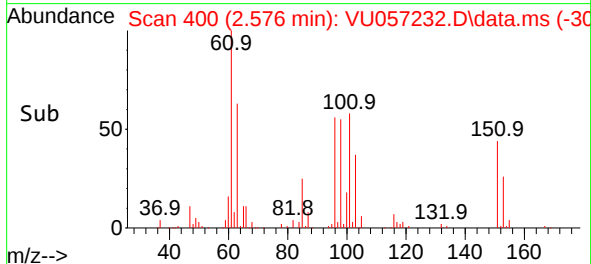
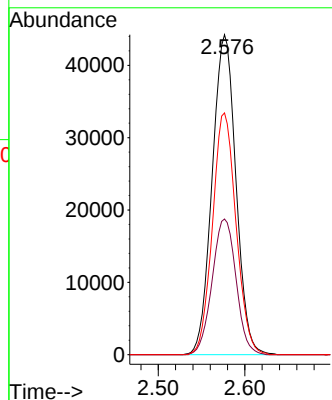
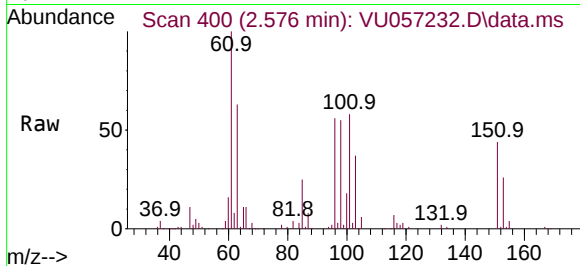




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.245 ug/L
 RT: 2.576 min Scan# 401
 Delta R.T. -0.003 min
 Lab File: VU057232.D
 Acq: 23 Dec 2023 09:31

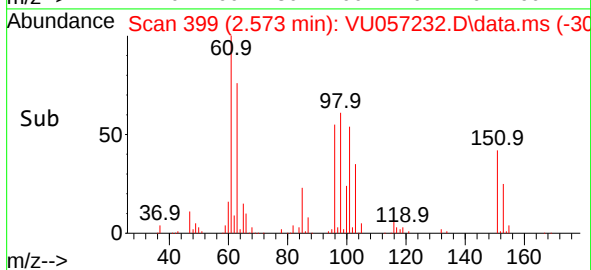
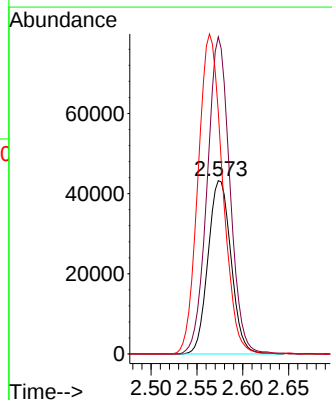
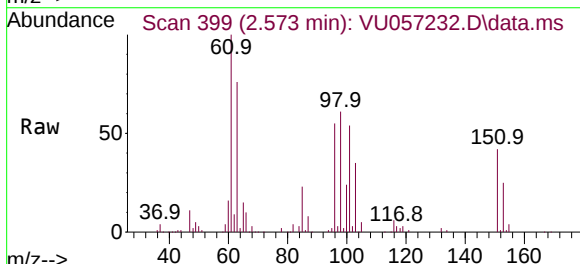
Instrument :
 MSVOA_U
 ClientSampleId :

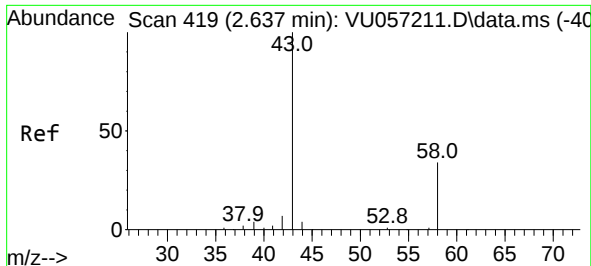
Tgt Ion:101 Resp: 84226
 Ion Ratio Lower Upper
 101 100
 85 42.7 35.6 53.4
 151 75.0 59.9 89.9



#12
 1,1-Dichloroethene
 Concen: 5.220 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU057232.D
 Acq: 23 Dec 2023 09:31

Tgt Ion: 96 Resp: 75356
 Ion Ratio Lower Upper
 96 100
 61 183.0 119.6 222.0
 63 139.8 96.2 178.8





#13

Acetone

Concen: 54.577 ug/L

RT: 2.638 min Scan# 419

Delta R.T. 0.000 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

Instrument :

MSVOA_U

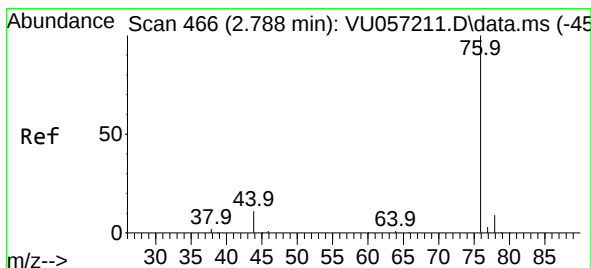
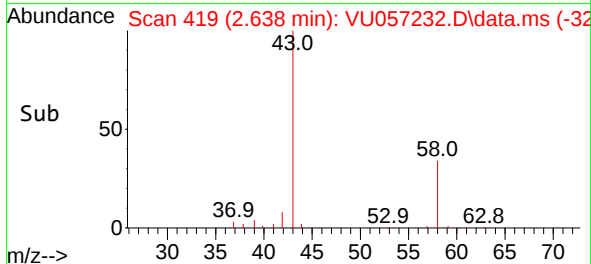
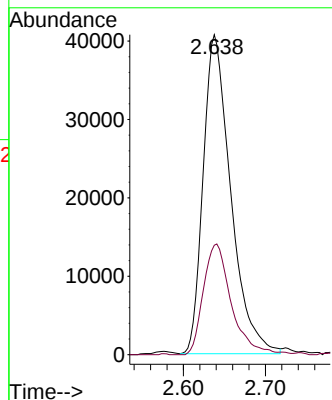
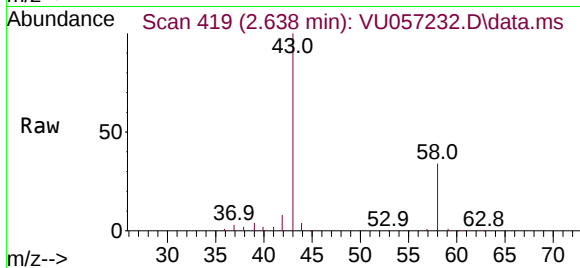
ClientSampleId :

Tgt Ion: 43 Resp: 95085

Ion Ratio Lower Upper

43 100

58 35.1 0.0 70.8



#14

Carbon disulfide

Concen: 4.917 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU057232.D

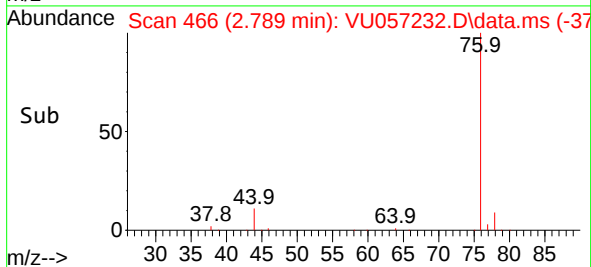
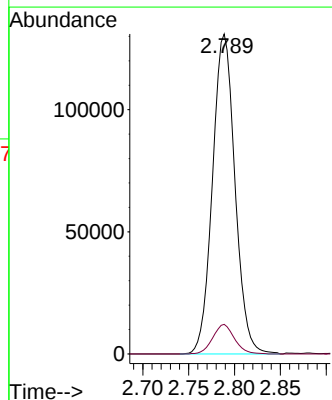
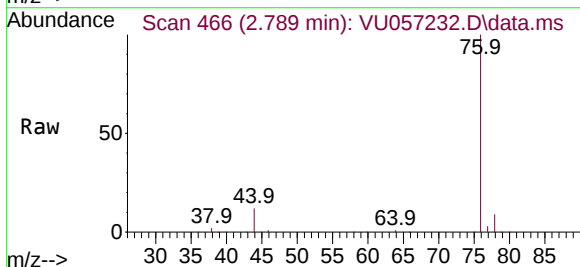
Acq: 23 Dec 2023 09:31

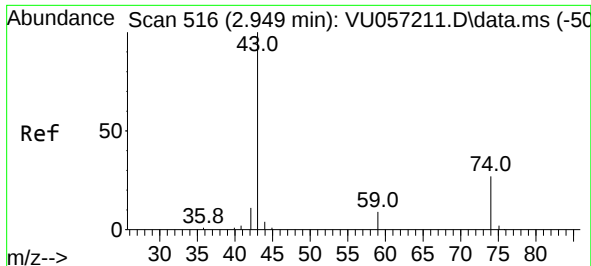
Tgt Ion: 76 Resp: 223353

Ion Ratio Lower Upper

76 100

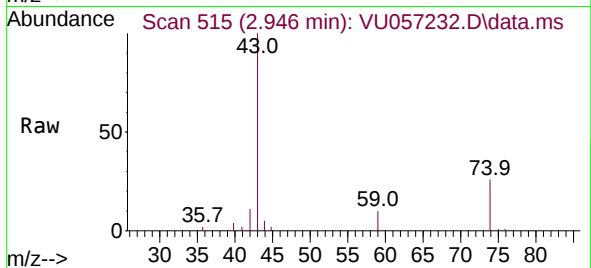
78 9.2 7.1 10.7



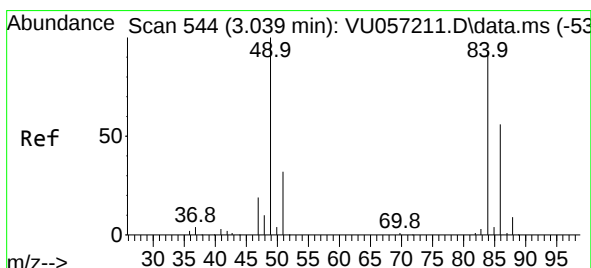
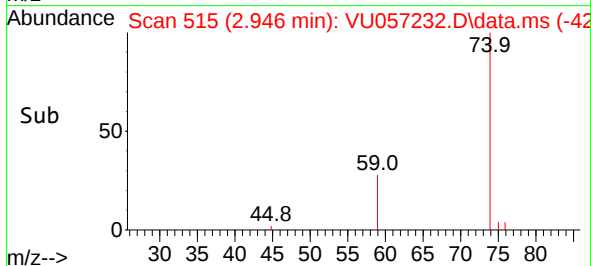
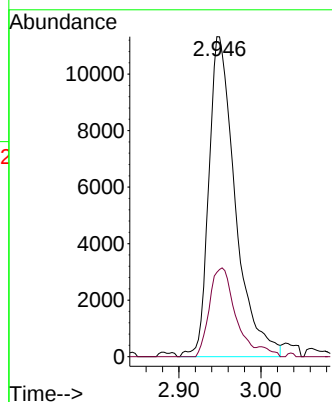


#15
Methyl Acetate
Concen: 6.188 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU057232.D
Acq: 23 Dec 2023 09:31

Instrument :
MSVOA_U
ClientSampleId :

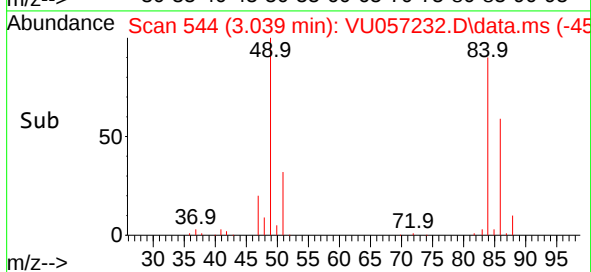
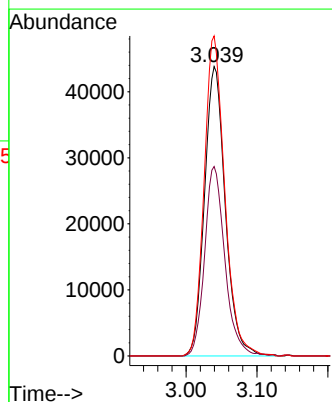
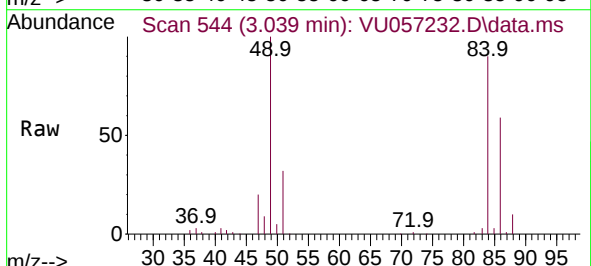


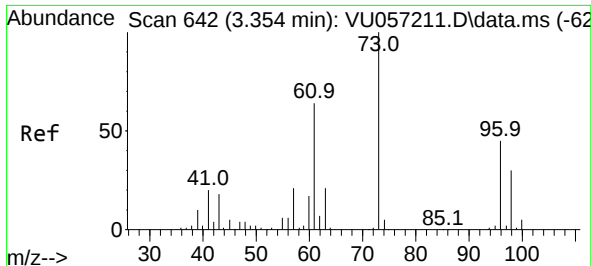
Tgt Ion: 43 Resp: 25423
Ion Ratio Lower Upper
43 100
74 26.7 22.8 34.2



#16
Methylene chloride
Concen: 5.331 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU057232.D
Acq: 23 Dec 2023 09:31

Tgt Ion: 84 Resp: 89465
Ion Ratio Lower Upper
84 100
86 65.4 44.7 82.9
49 110.5 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 5.361 ug/L

RT: 3.351 min Scan# 642

Delta R.T. -0.003 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

Instrument :

MSVOA_U

ClientSampleId :

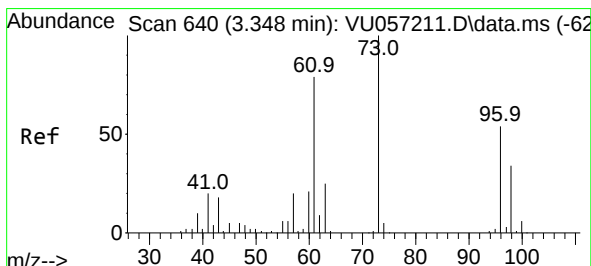
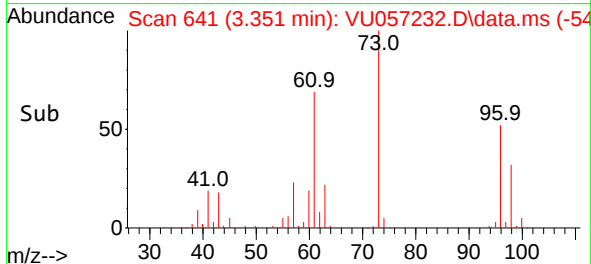
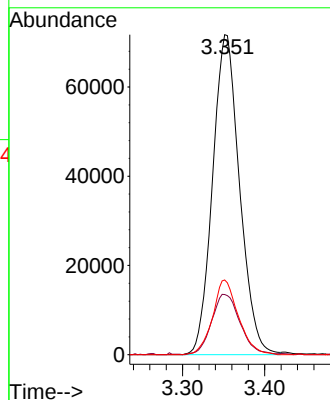
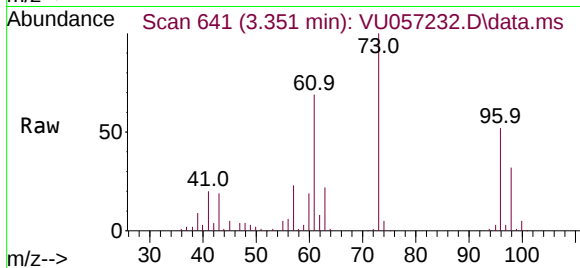
Tgt Ion: 73 Resp: 164354

Ion Ratio Lower Upper

73 100

43 19.9 15.4 23.0

57 22.3 16.2 24.2



#18

trans-1,2-Dichloroethene

Concen: 5.480 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

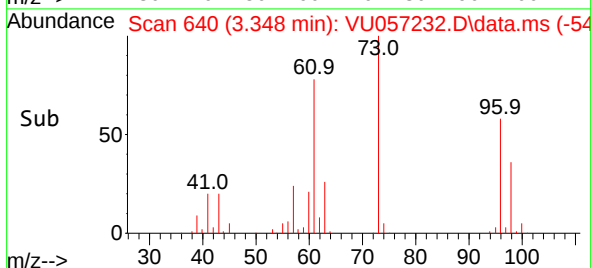
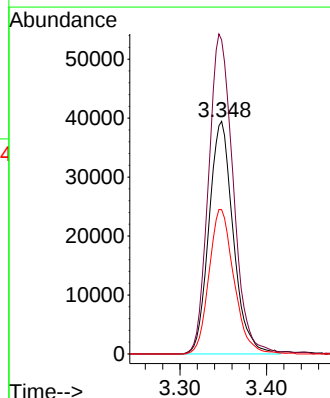
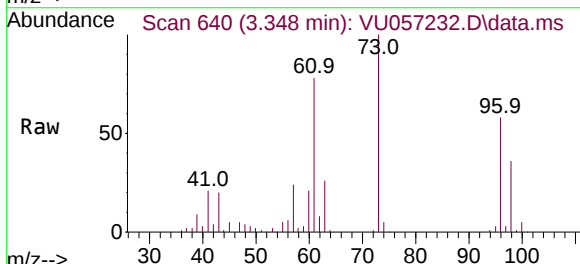
Tgt Ion: 96 Resp: 77140

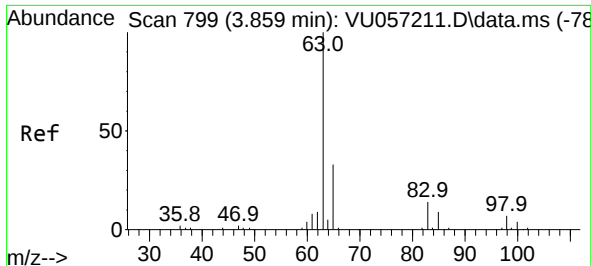
Ion Ratio Lower Upper

96 100

61 135.0 98.4 182.8

98 62.0 43.6 81.0

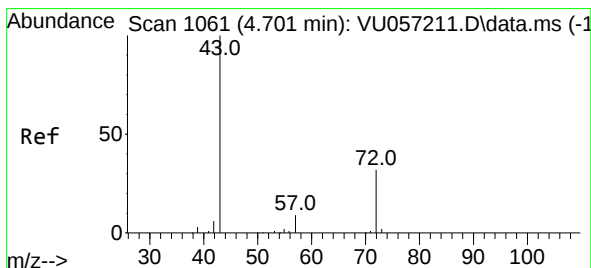
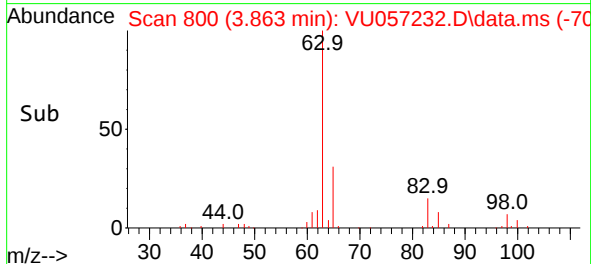
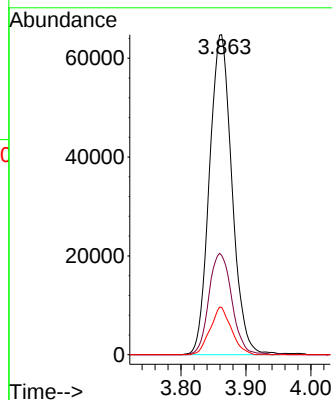
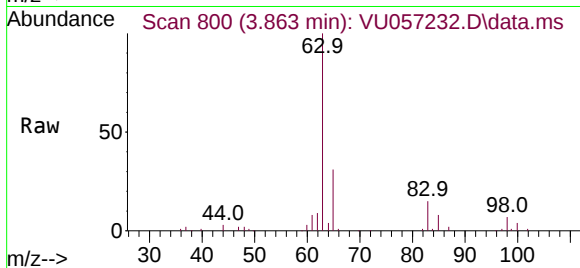




#19
1,1-Dichloroethane
Concen: 5.588 ug/L
RT: 3.863 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU057232.D
Acq: 23 Dec 2023 09:31

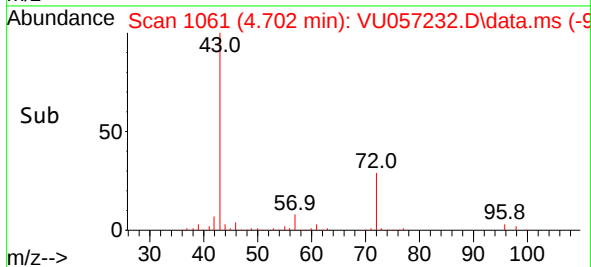
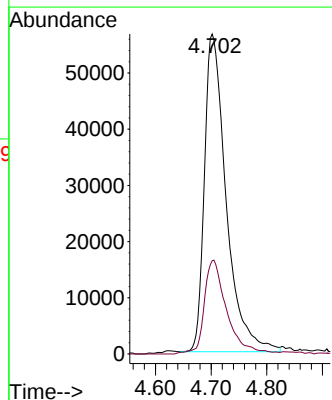
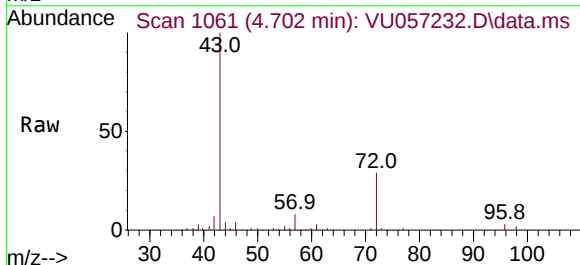
Instrument :
MSVOA_U
ClientSampleId :

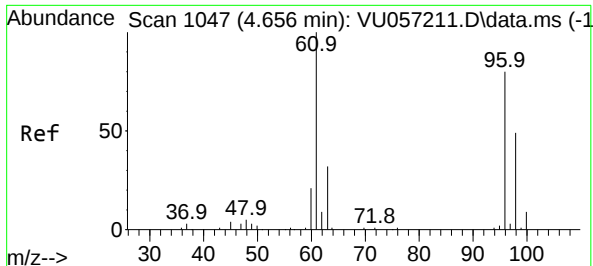
Tgt Ion: 63 Resp: 156113
Ion Ratio Lower Upper
63 100
65 31.1 21.6 40.2
83 14.8 10.2 19.0



#21
2-Butanone
Concen: 57.942 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VU057232.D
Acq: 23 Dec 2023 09:31

Tgt Ion: 43 Resp: 153845
Ion Ratio Lower Upper
43 100
72 30.3 16.3 48.8





#22

cis-1,2-Dichloroethene

Concen: 5.448 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

Instrument :

MSVOA_U

ClientSampleId :

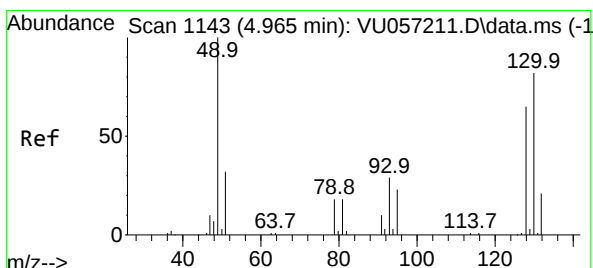
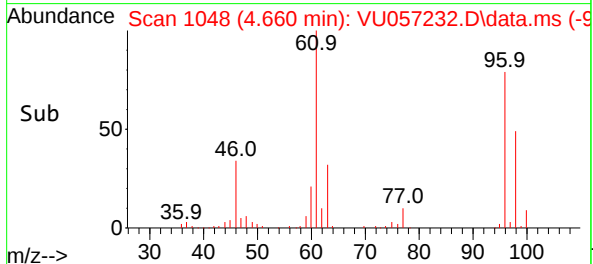
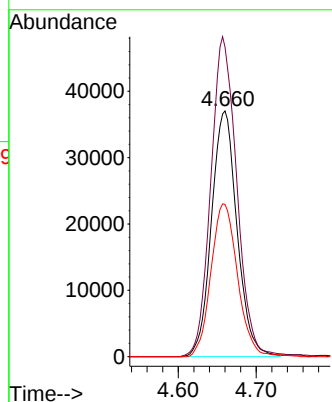
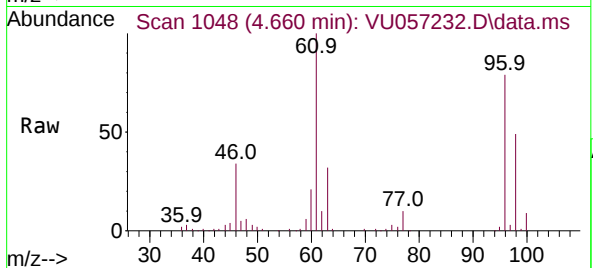
Tgt Ion: 96 Resp: 84453

Ion Ratio Lower Upper

96 100

61 126.1 86.8 161.2

98 62.0 45.5 84.5



#23

Bromochloromethane

Concen: 5.434 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

Tgt Ion:128 Resp: 36503

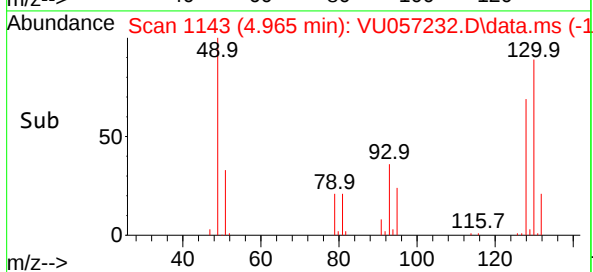
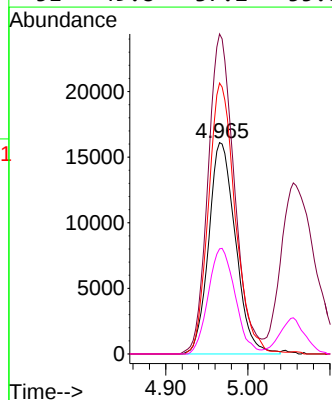
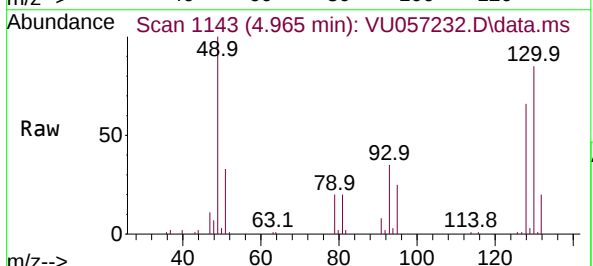
Ion Ratio Lower Upper

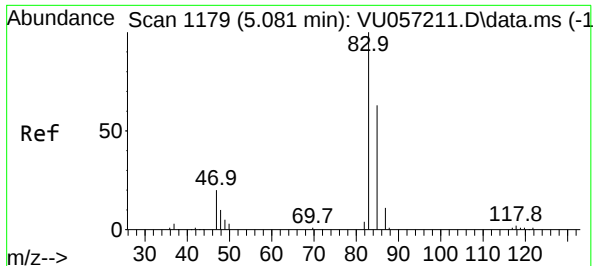
128 100

49 151.4 102.7 190.7

130 128.2 94.7 175.9

51 49.8 37.2 55.8





#25

Chloroform

Concen: 5.385 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

Instrument :

MSVOA_U

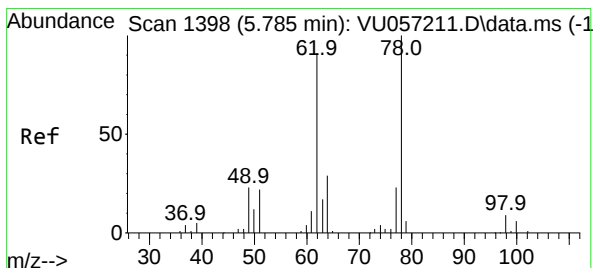
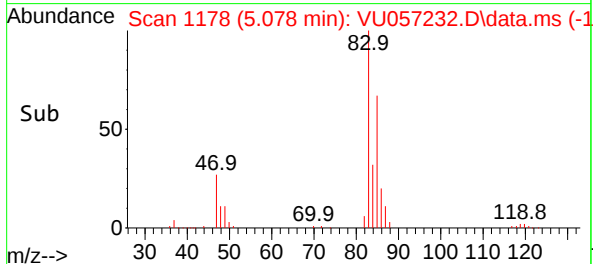
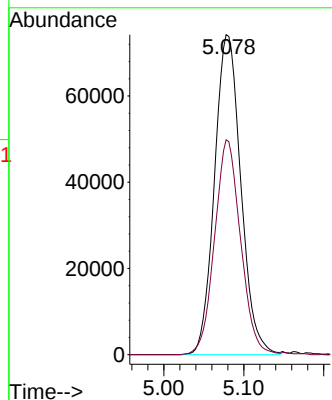
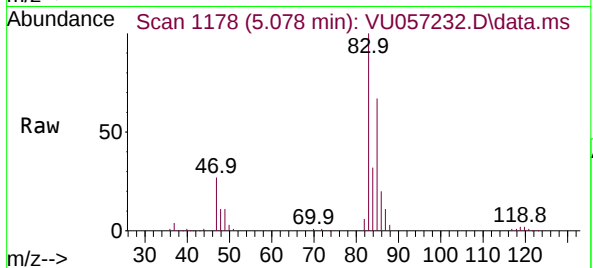
ClientSampleId :

Tgt Ion: 83 Resp: 169698

Ion Ratio Lower Upper

83 100

85 67.2 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.228 ug/L

RT: 5.789 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU057232.D

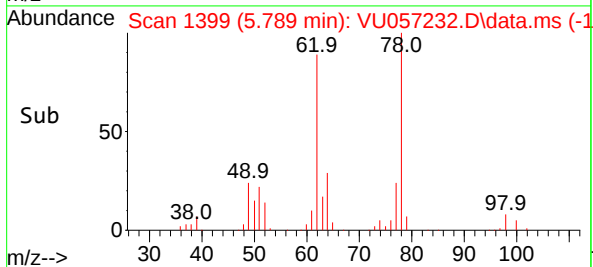
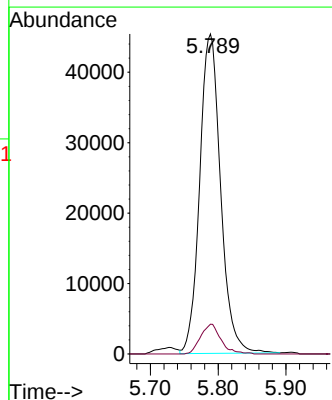
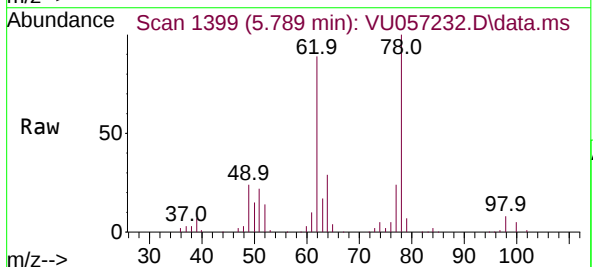
Acq: 23 Dec 2023 09:31

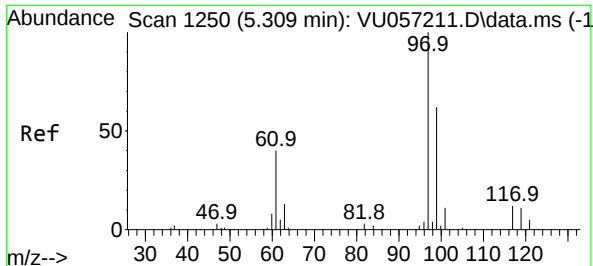
Tgt Ion: 62 Resp: 97207

Ion Ratio Lower Upper

62 100

98 9.3 6.3 9.5





#29

1,1,1-Trichloroethane

Concen: 4.995 ug/L

RT: 5.309 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

Instrument :

MSVOA_U

ClientSampleId :

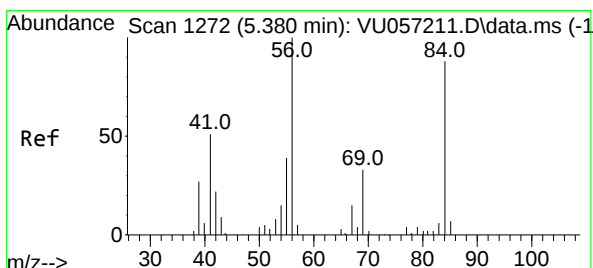
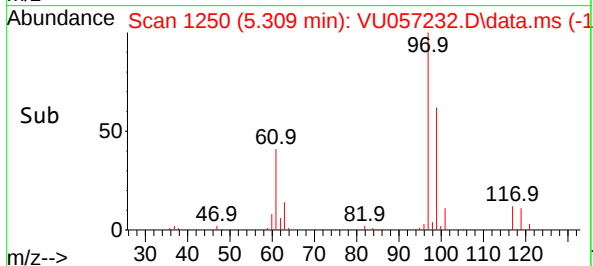
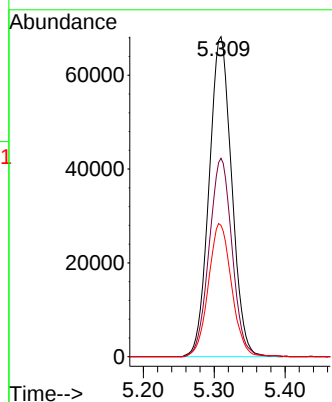
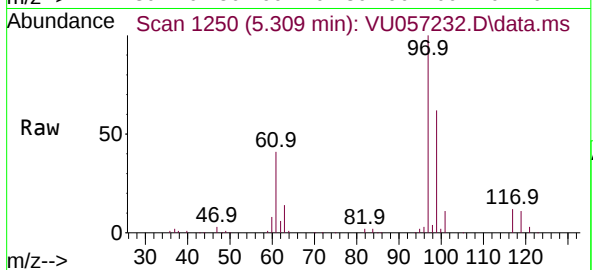
Tgt Ion: 97 Resp: 151259

Ion Ratio Lower Upper

97 100

99 62.8 51.2 76.8

61 42.8 32.5 48.7



#30

Cyclohexane

Concen: 5.361 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

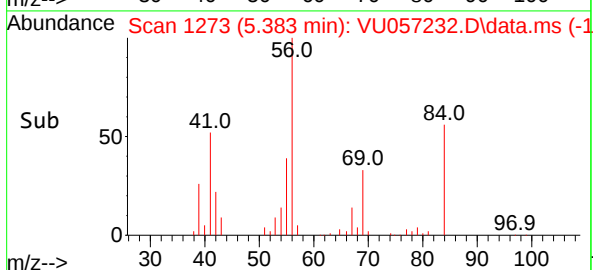
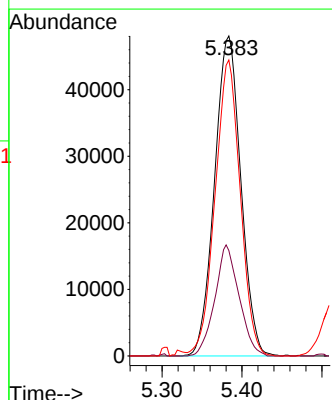
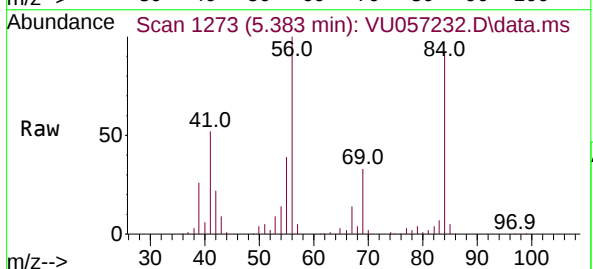
Tgt Ion: 56 Resp: 109773

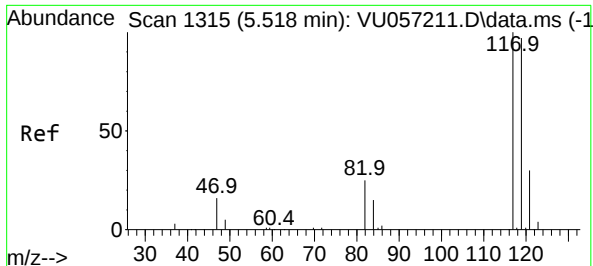
Ion Ratio Lower Upper

56 100

69 31.9 26.7 40.1

84 88.5 74.9 112.3

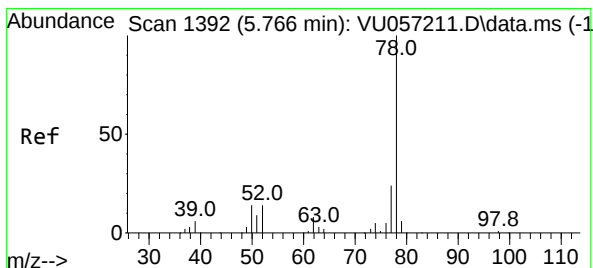
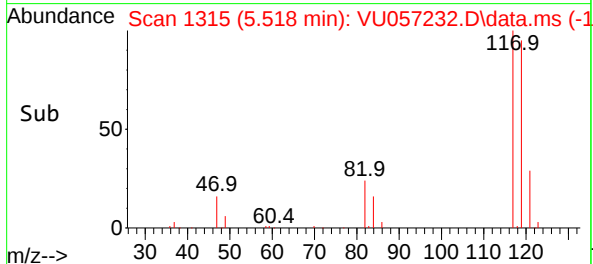
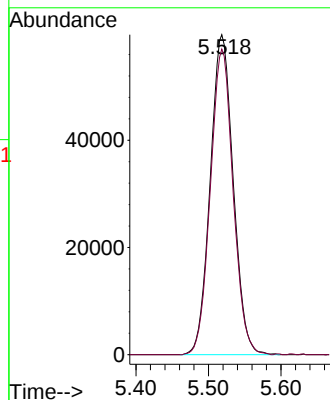
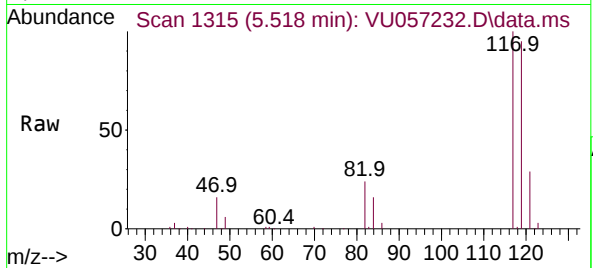




#31
Carbon tetrachloride
Concen: 4.929 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057232.D
Acq: 23 Dec 2023 09:31

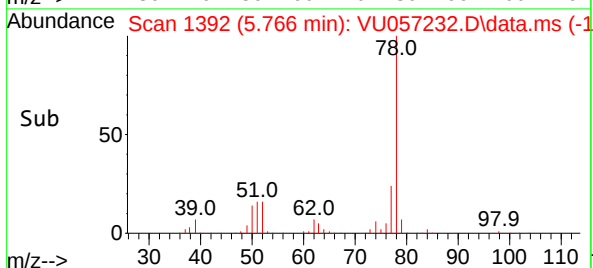
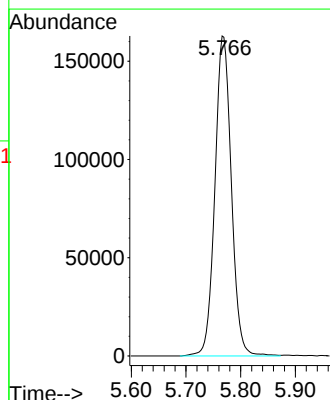
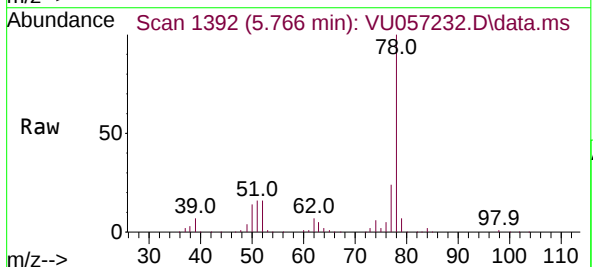
Instrument :
MSVOA_U
ClientSampleId :

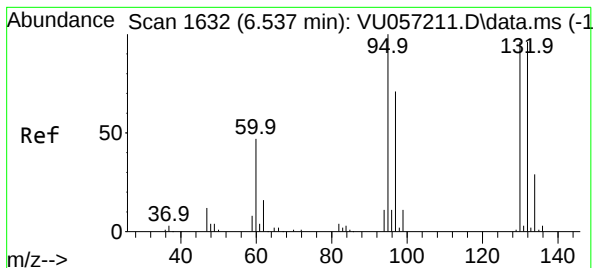
Tgt Ion:117 Resp: 131321
Ion Ratio Lower Upper
117 100
119 94.4 75.1 112.7



#33
Benzene
Concen: 5.630 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU057232.D
Acq: 23 Dec 2023 09:31

Tgt Ion: 78 Resp: 340107





#34

Trichloroethene

Concen: 5.078 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 89710

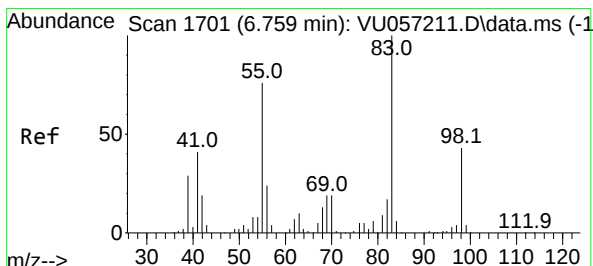
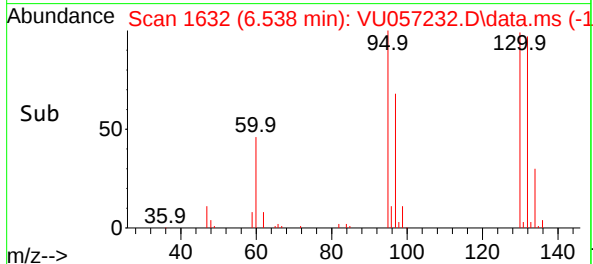
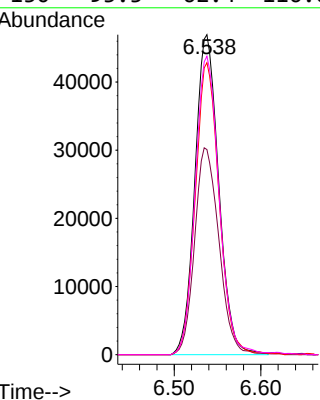
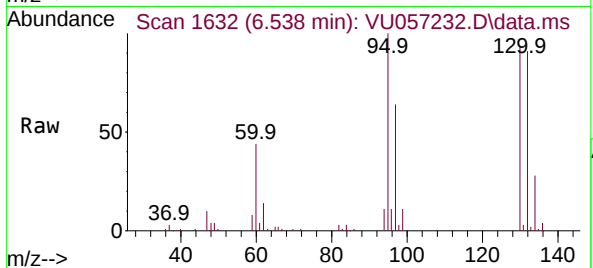
Ion Ratio Lower Upper

95 100

97 64.1 44.3 82.3

132 91.3 62.6 116.2

130 93.3 62.4 116.0



#35

Methylcyclohexane

Concen: 4.817 ug/L

RT: 6.760 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

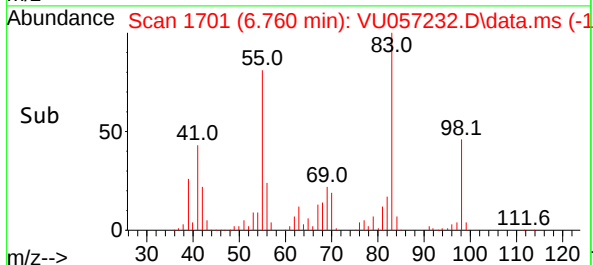
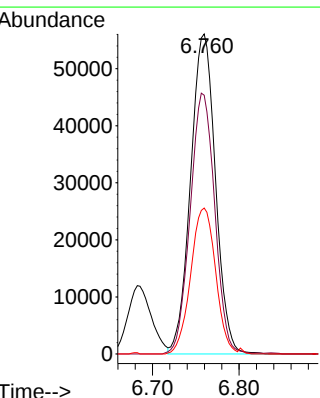
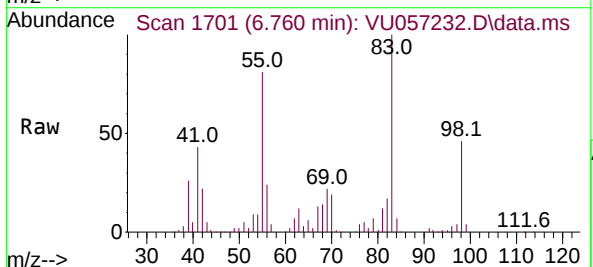
Tgt Ion: 83 Resp: 112030

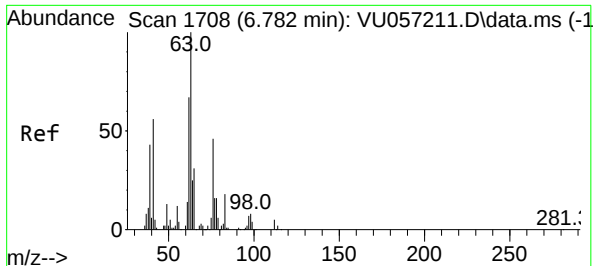
Ion Ratio Lower Upper

83 100

55 80.4 61.3 91.9

98 45.6 36.6 55.0

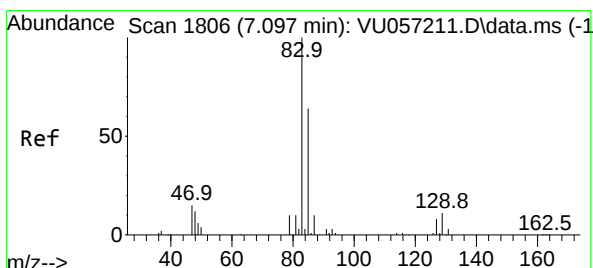
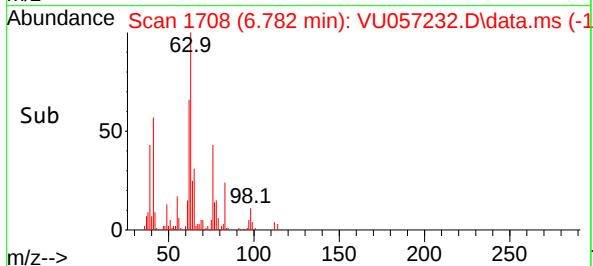
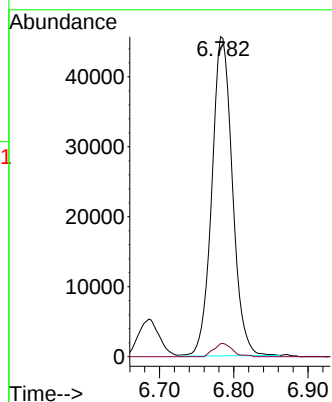
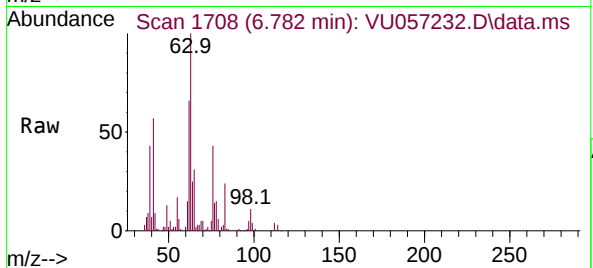




#37
1,2-Dichloropropane
Concen: 5.851 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057232.D
Acq: 23 Dec 2023 09:31

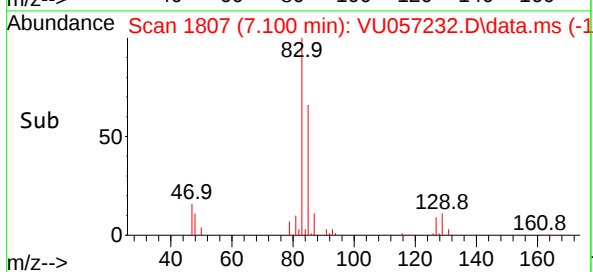
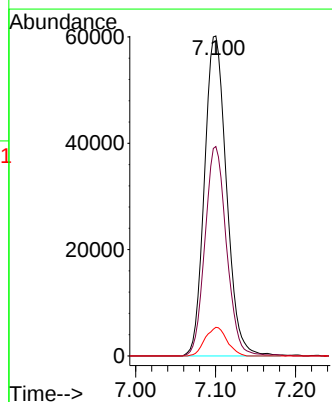
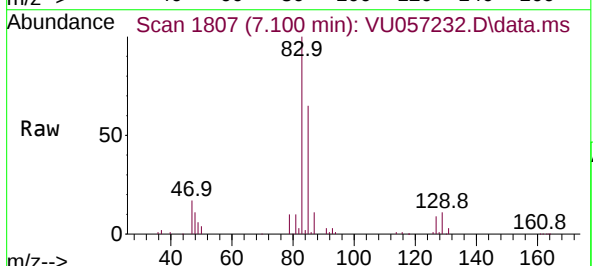
Instrument :
MSVOA_U
ClientSampleId :

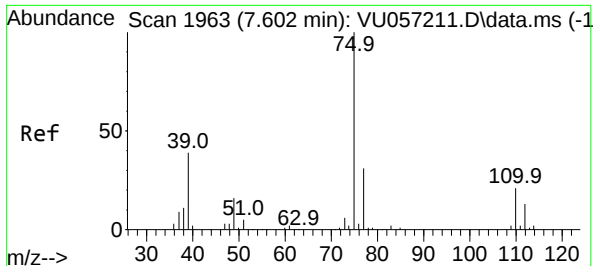
Tgt Ion: 63 Resp: 87924
Ion Ratio Lower Upper
63 100
112 3.8 3.1 4.7



#38
Bromodichloromethane
Concen: 5.303 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU057232.D
Acq: 23 Dec 2023 09:31

Tgt Ion: 83 Resp: 115303
Ion Ratio Lower Upper
83 100
85 65.4 45.8 85.0
127 9.0 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 5.247 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

Instrument :

MSVOA_U

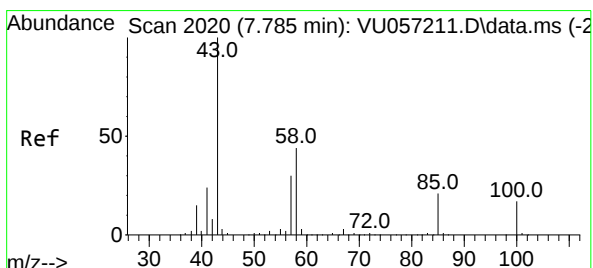
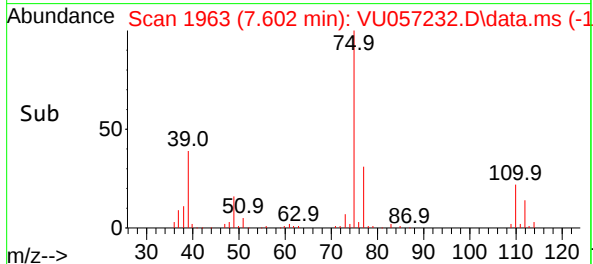
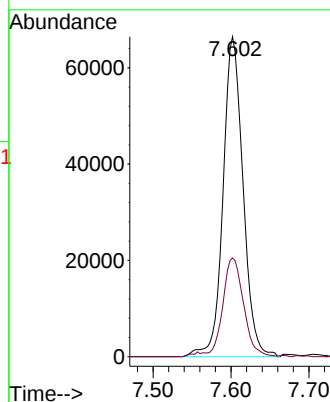
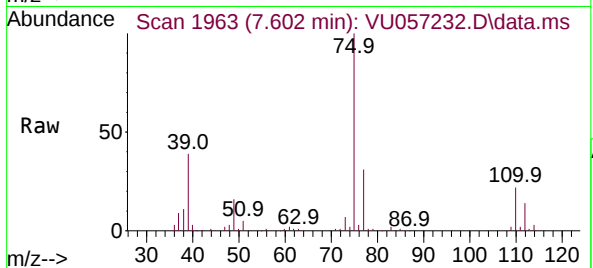
ClientSampleId :

Tgt Ion: 75 Resp: 118598

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 58.203 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

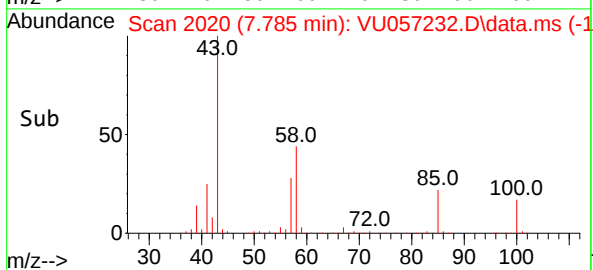
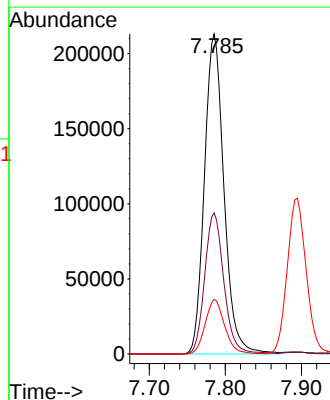
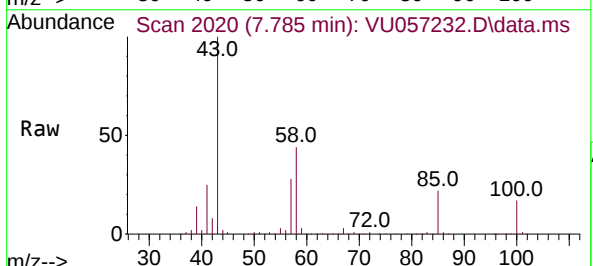
Tgt Ion: 43 Resp: 380214

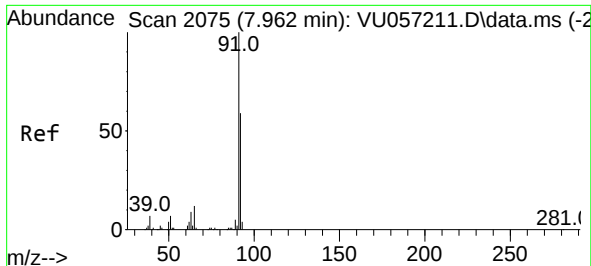
Ion Ratio Lower Upper

43 100

58 43.3 34.8 52.2

100 16.9 14.6 21.8





#42

Toluene

Concen: 5.543 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

Instrument :

MSVOA_U

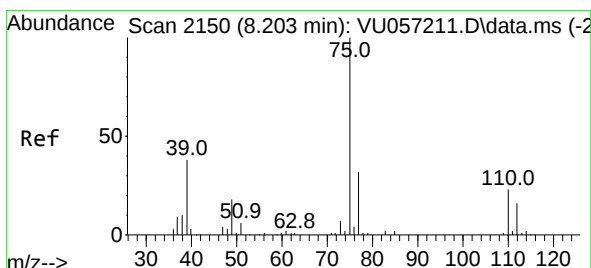
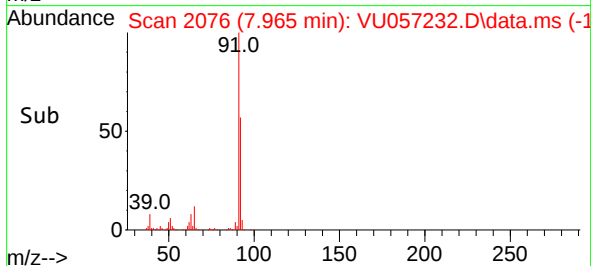
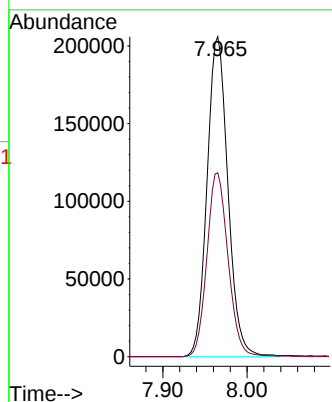
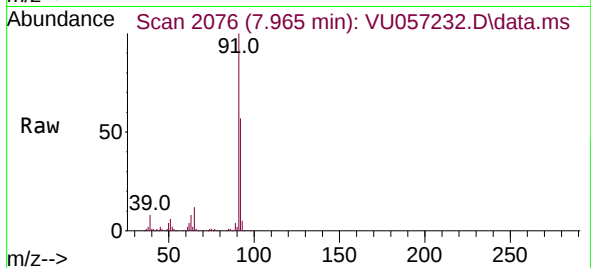
ClientSampleId :

Tgt Ion: 91 Resp: 354874

Ion Ratio Lower Upper

91 100

92 57.4 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 5.121 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU057232.D

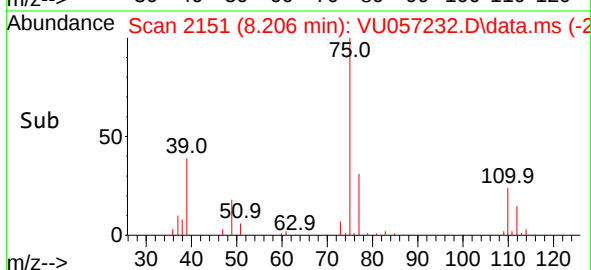
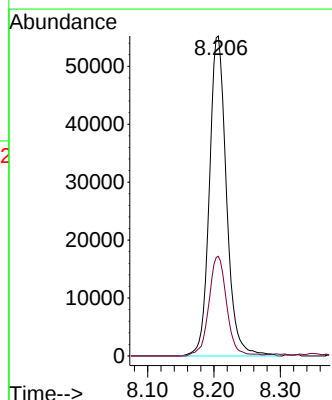
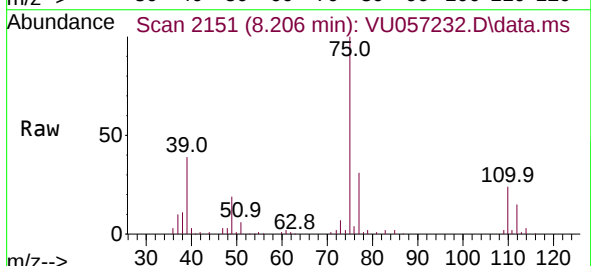
Acq: 23 Dec 2023 09:31

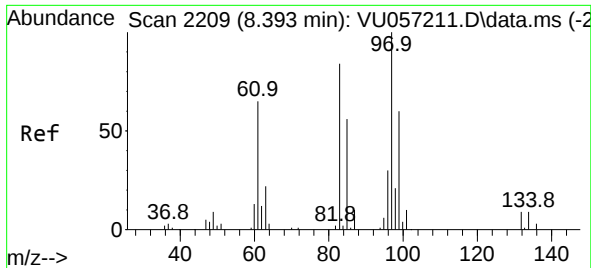
Tgt Ion: 75 Resp: 98790

Ion Ratio Lower Upper

75 100

77 31.1 21.4 39.8

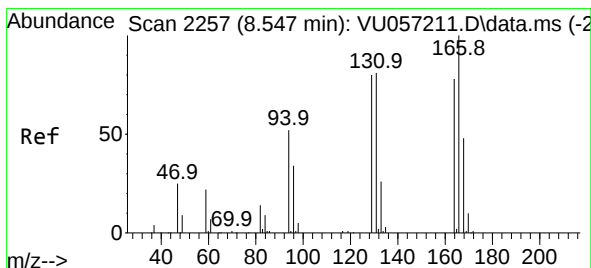
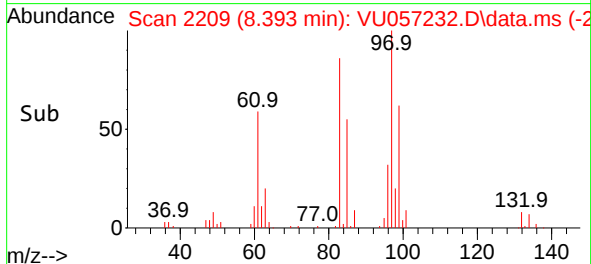
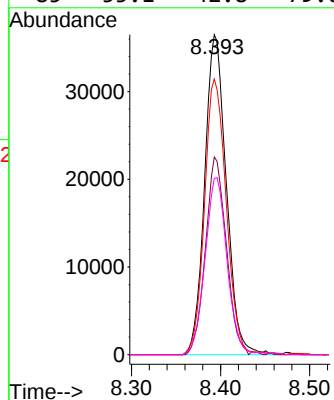
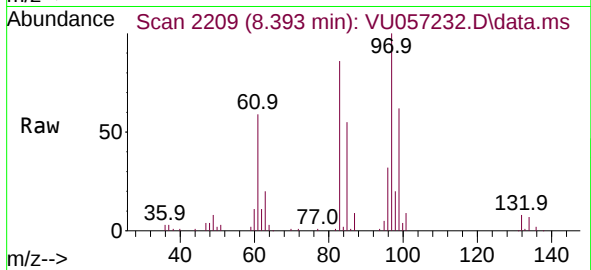




#45
1,1,2-Trichloroethane
Concen: 5.937 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU057232.D
Acq: 23 Dec 2023 09:31

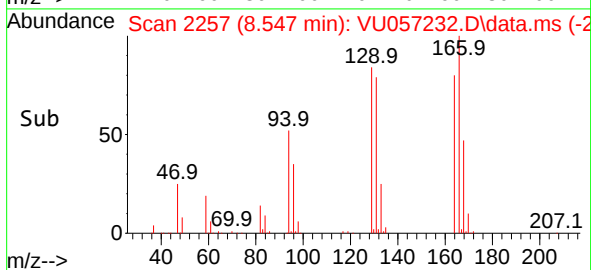
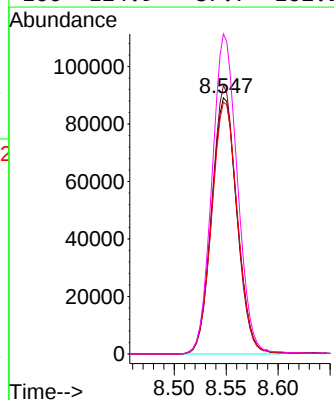
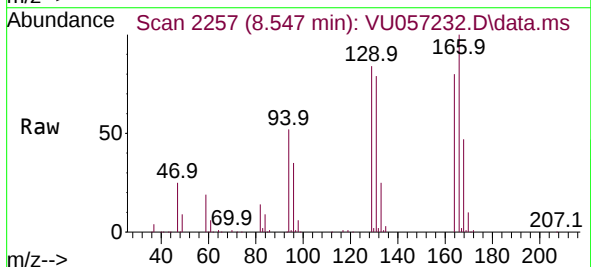
Instrument :
MSVOA_U
ClientSampleId :

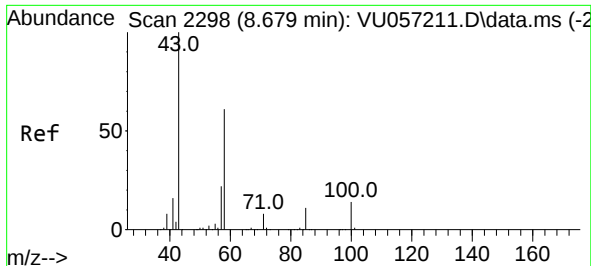
Tgt Ion:	97	Resp:	61554
Ion	Ratio	Lower	Upper
97	100		
99	61.8	47.0	87.2
83	86.2	62.1	115.3
85	55.1	42.8	79.6



#47
Tetrachloroethene
Concen: 11.955 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057232.D
Acq: 23 Dec 2023 09:31

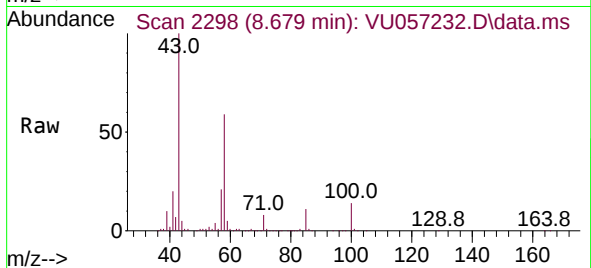
Tgt Ion:	164	Resp:	151346
Ion	Ratio	Lower	Upper
164	100		
129	104.9	72.9	135.3
131	98.3	71.7	133.3
166	124.9	87.7	162.9



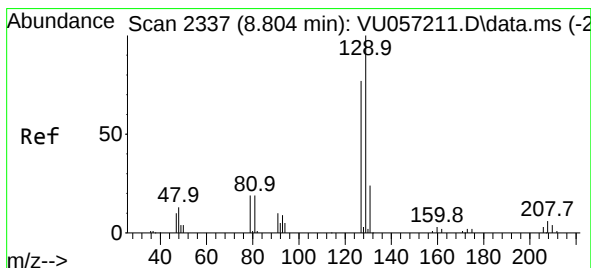
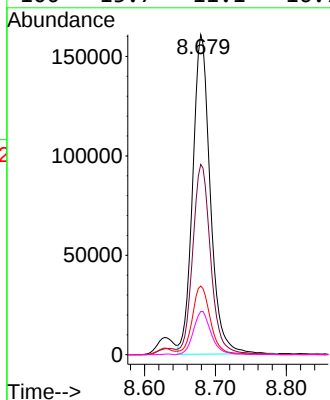
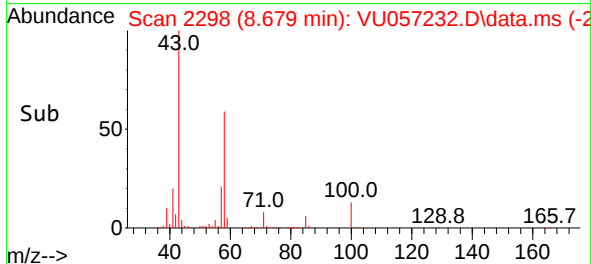


#48
2-Hexanone
Concen: 57.657 ug/L
RT: 8.679 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VU057232.D
Acq: 23 Dec 2023 09:31

Instrument :
MSVOA_U
ClientSampleId :

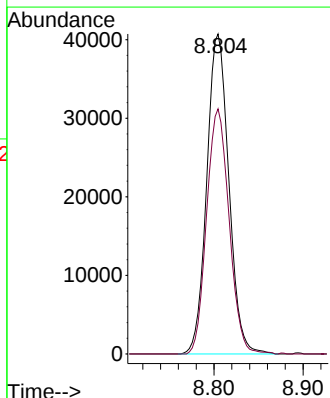
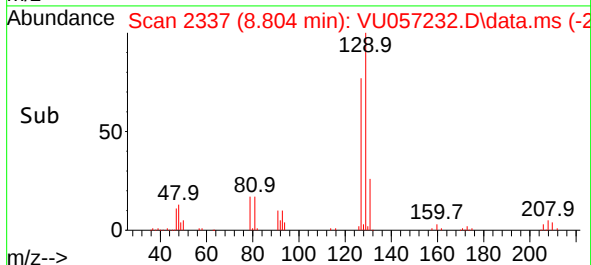
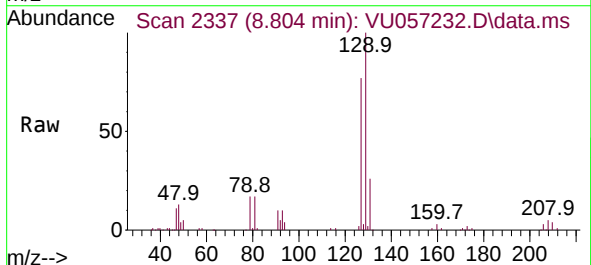


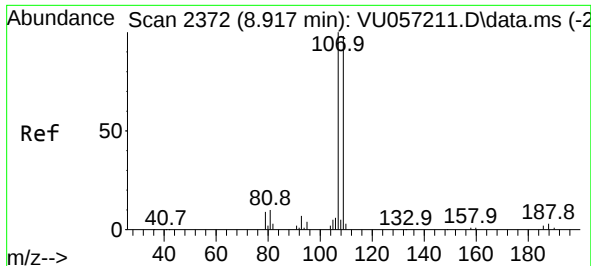
Tgt Ion: 43 Resp: 277118
Ion Ratio Lower Upper
43 100
58 60.4 49.8 74.8
57 22.0 18.5 27.7
100 13.7 11.1 16.7



#49
Dibromochloromethane
Concen: 5.203 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU057232.D
Acq: 23 Dec 2023 09:31

Tgt Ion: 129 Resp: 69926
Ion Ratio Lower Upper
129 100
127 76.6 55.2 102.6





#50

1,2-Dibromoethane

Concen: 5.623 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

Instrument :

MSVOA_U

ClientSampleId :

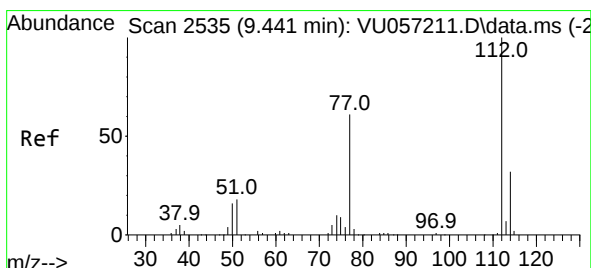
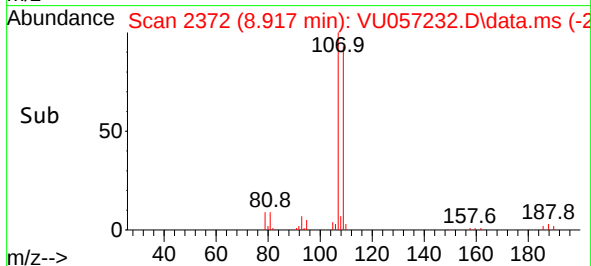
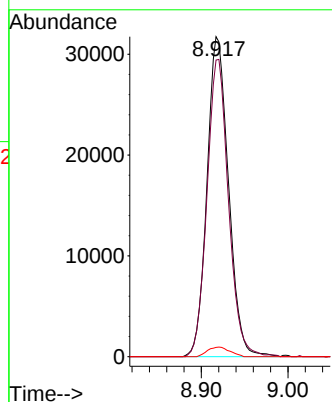
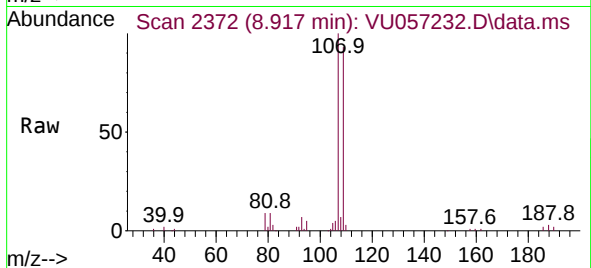
Tgt Ion:107 Resp: 54728

Ion Ratio Lower Upper

107 100

109 92.7 66.8 124.2

188 2.9 2.6 4.0



#51

Chlorobenzene

Concen: 5.229 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

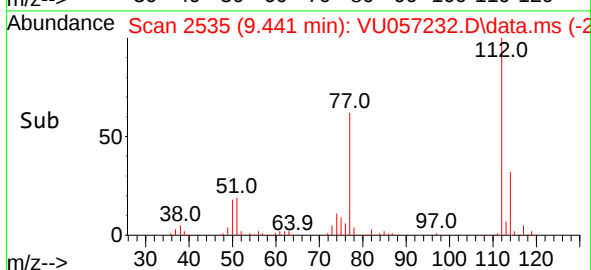
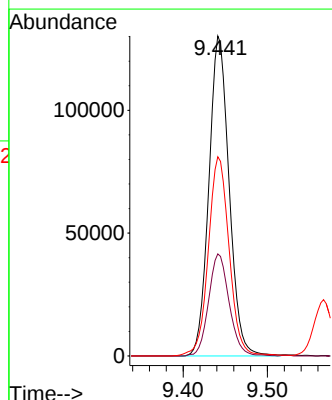
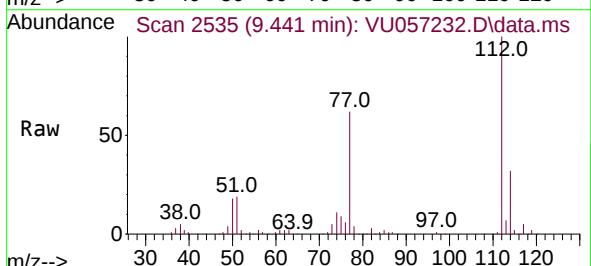
Tgt Ion:112 Resp: 217901

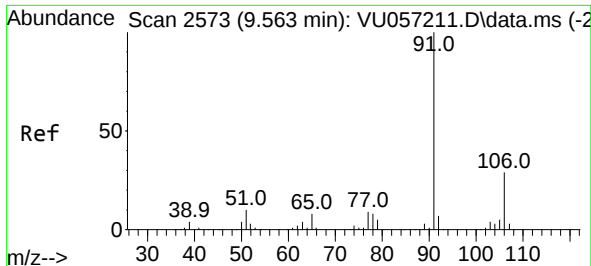
Ion Ratio Lower Upper

112 100

114 31.9 22.7 42.1

77 62.3 52.2 78.2

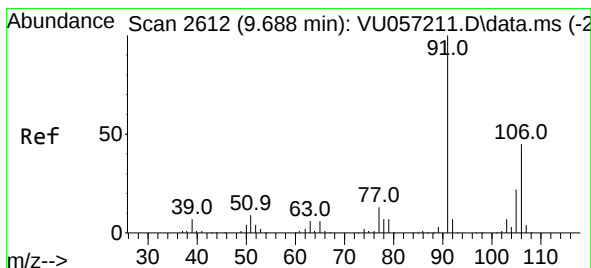
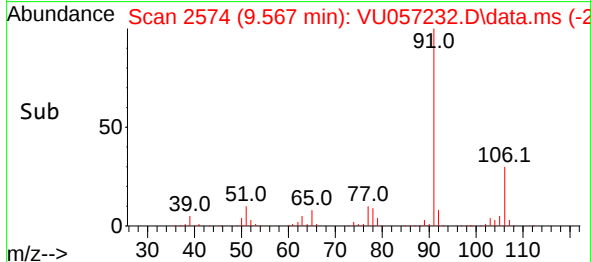
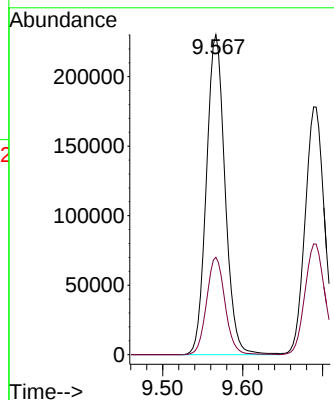
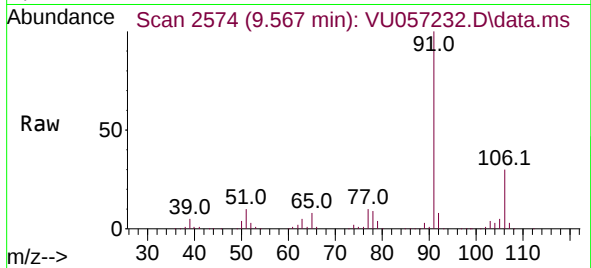




#52
Ethylbenzene
Concen: 5.177 ug/L
RT: 9.567 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057232.D
Acq: 23 Dec 2023 09:31

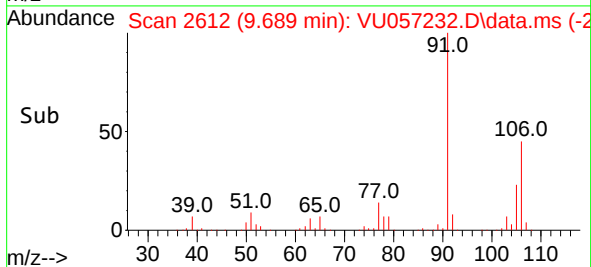
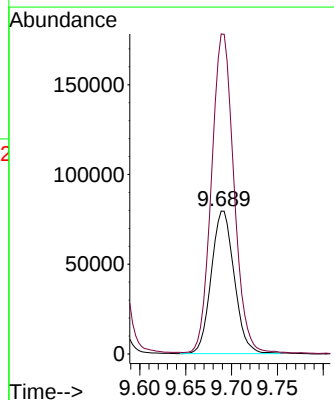
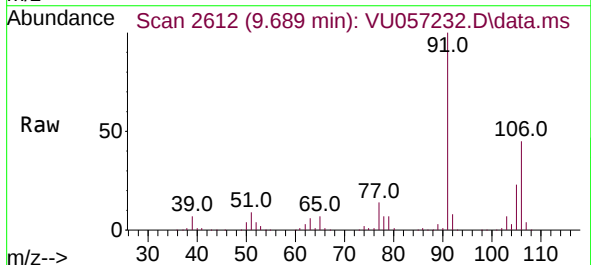
Instrument :
MSVOA_U
ClientSampleId :

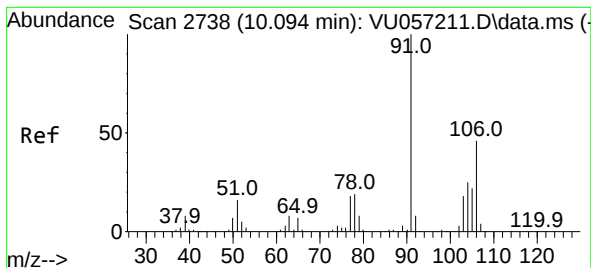
Tgt Ion: 91 Resp: 373453
Ion Ratio Lower Upper
91 100
106 30.5 21.6 40.2



#53
m,p-Xylene
Concen: 5.261 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057232.D
Acq: 23 Dec 2023 09:31

Tgt Ion:106 Resp: 138840
Ion Ratio Lower Upper
106 100
91 223.9 154.5 286.9





#54

o-Xylene

Concen: 5.184 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

Instrument :

MSVOA_U

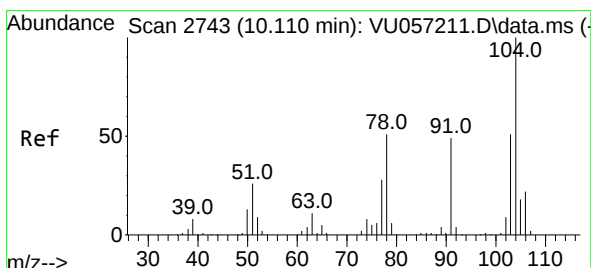
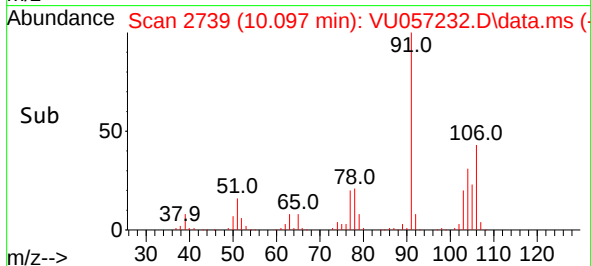
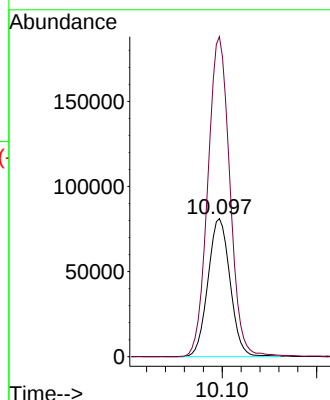
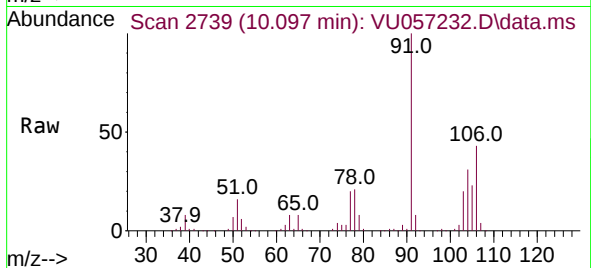
ClientSampleId :

Tgt Ion:106 Resp: 132002

Ion Ratio Lower Upper

106 100

91 231.7 165.4 307.2



#55

Styrene

Concen: 5.448 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU057232.D

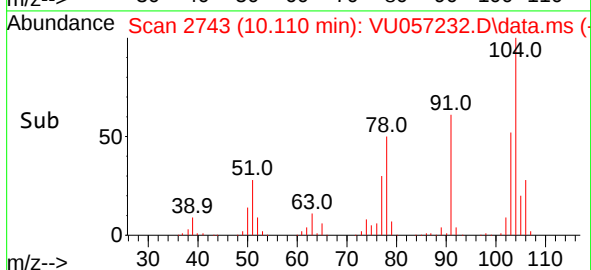
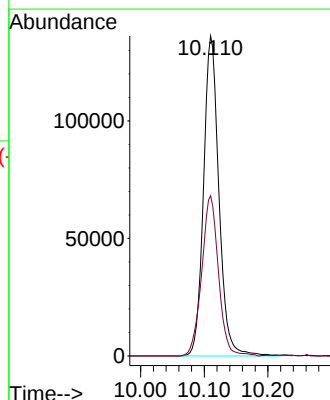
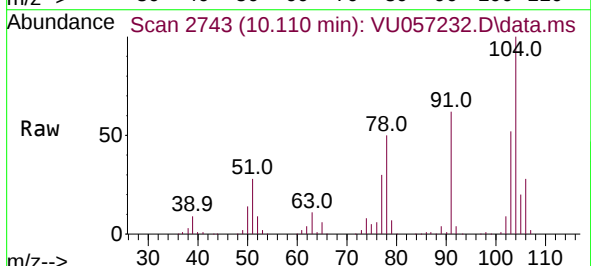
Acq: 23 Dec 2023 09:31

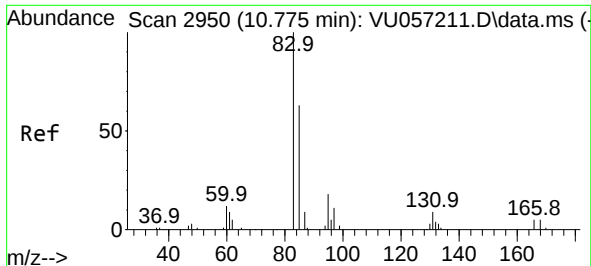
Tgt Ion:104 Resp: 228807

Ion Ratio Lower Upper

104 100

78 50.1 35.8 66.6

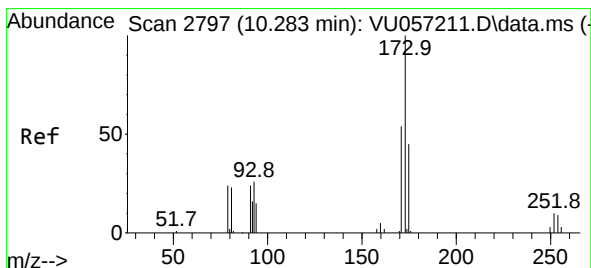
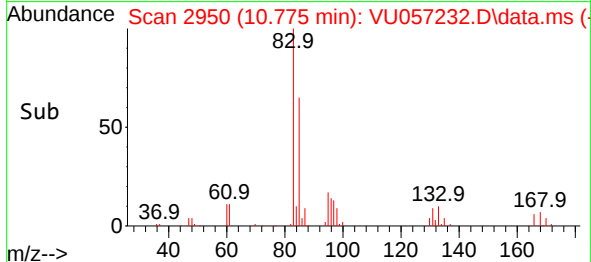
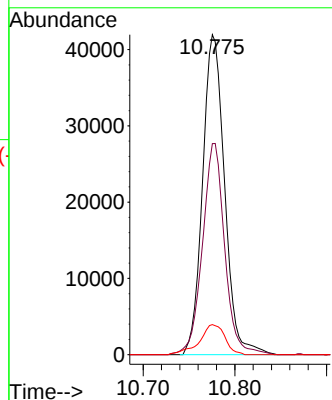
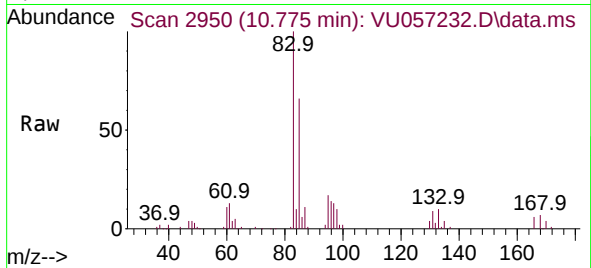




#57
1,1,2,2-Tetrachloroethane
Concen: 5.602 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU057232.D
Acq: 23 Dec 2023 09:31

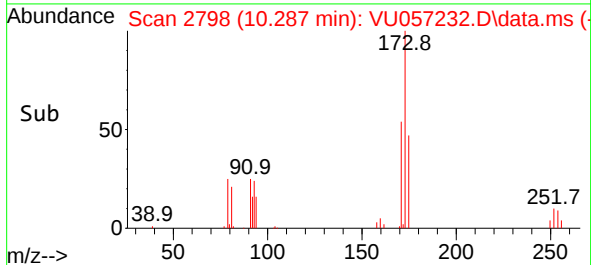
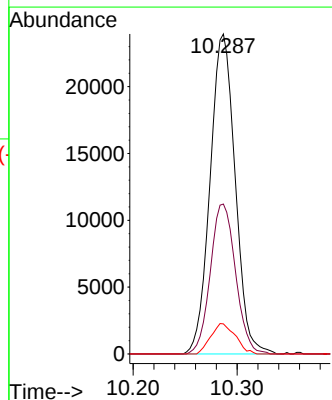
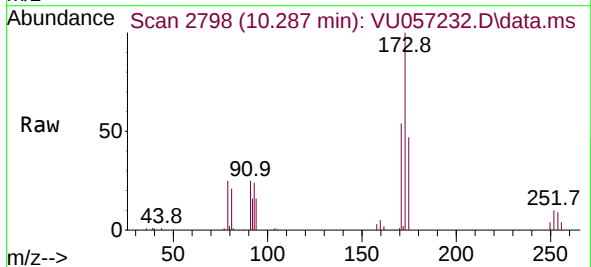
Instrument :
MSVOA_U
ClientSampleId :

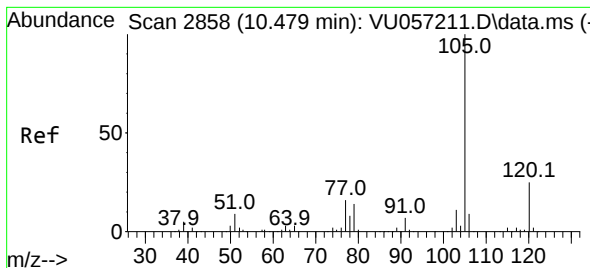
Tgt Ion: 83 Resp: 70035
Ion Ratio Lower Upper
83 100
85 65.9 45.8 85.2
131 9.4 7.0 10.6



#59
Bromoform
Concen: 5.734 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU057232.D
Acq: 23 Dec 2023 09:31

Tgt Ion:173 Resp: 40156
Ion Ratio Lower Upper
173 100
175 47.1 40.5 60.7
254 9.3 8.1 12.1





#60

Isopropylbenzene

Concen: 5.309 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

Instrument :

MSVOA_U

ClientSampleId :

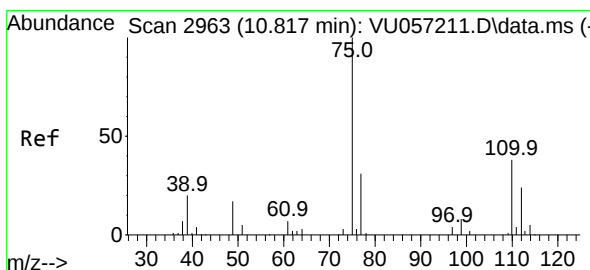
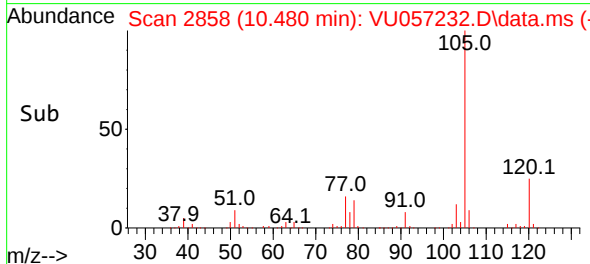
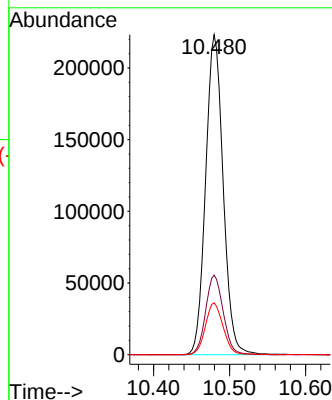
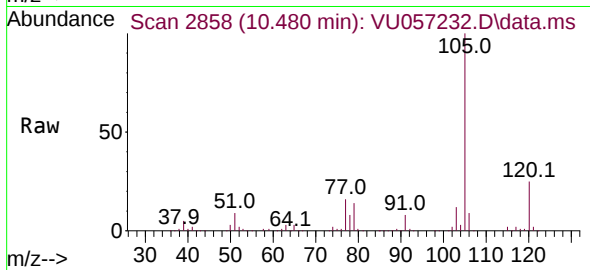
Tgt Ion:105 Resp: 357170

Ion Ratio Lower Upper

105 100

120 24.9 19.8 29.8

77 16.3 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 5.828 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

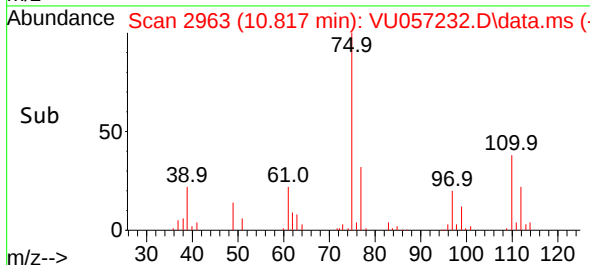
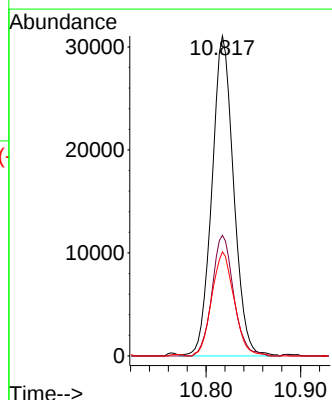
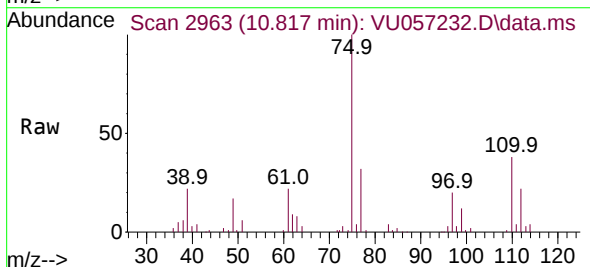
Tgt Ion: 75 Resp: 49557

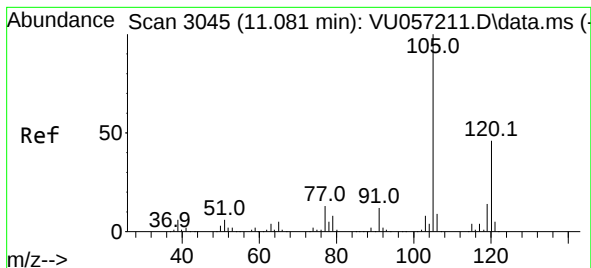
Ion Ratio Lower Upper

75 100

110 37.5 31.2 46.8

77 33.5 25.5 38.3

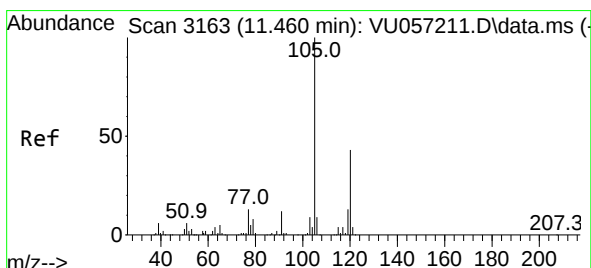
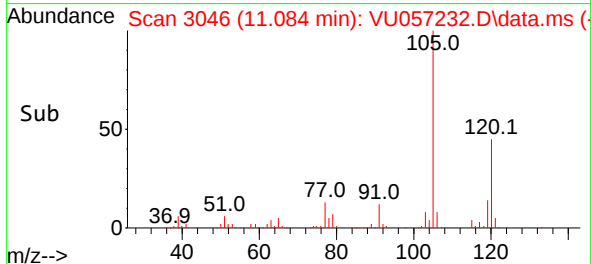
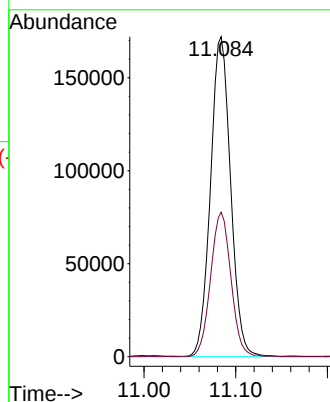
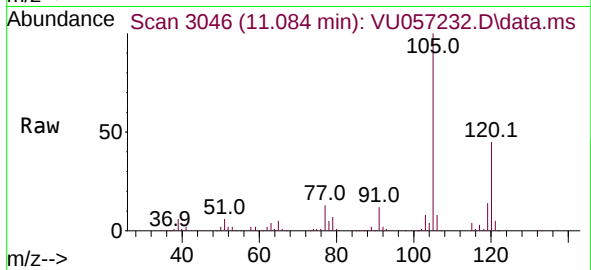




#62
1,3,5-Trimethylbenzene
Concen: 4.742 ug/L
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU057232.D
Acq: 23 Dec 2023 09:31

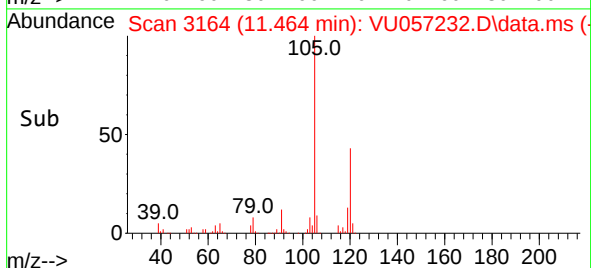
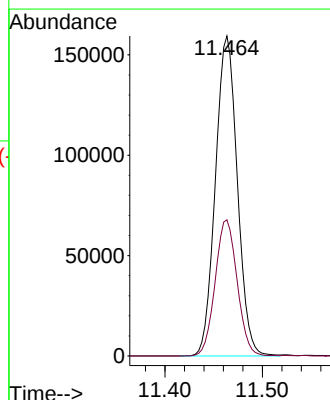
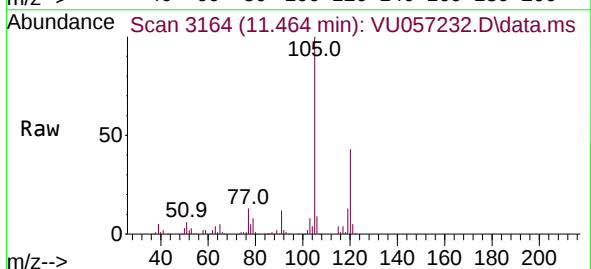
Instrument :
MSVOA_U
ClientSampleId :

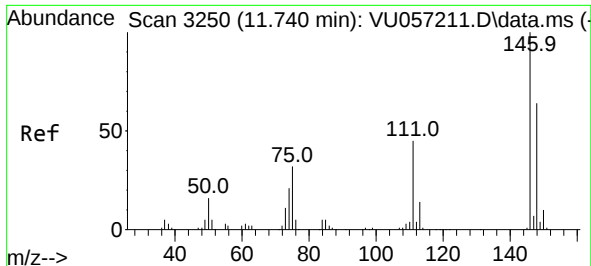
Tgt Ion:105 Resp: 261414
Ion Ratio Lower Upper
105 100
120 45.8 35.8 53.8



#63
1,2,4-Trimethylbenzene
Concen: 4.583 ug/L
RT: 11.464 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU057232.D
Acq: 23 Dec 2023 09:31

Tgt Ion:105 Resp: 249316
Ion Ratio Lower Upper
105 100
120 42.7 33.9 50.9

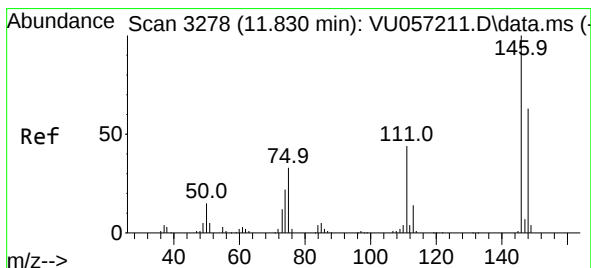
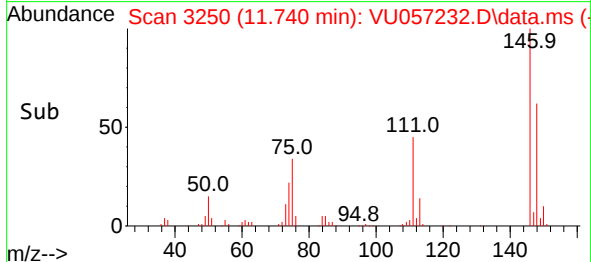
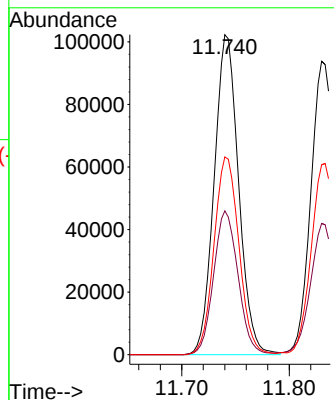
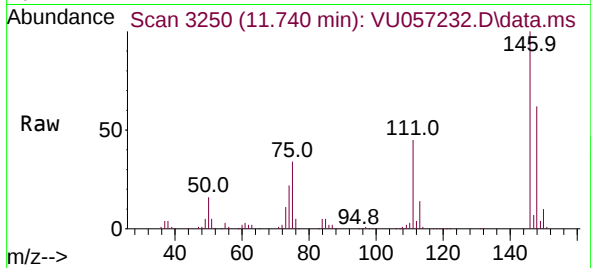




#64
1,3-Dichlorobenzene
Concen: 5.090 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU057232.D
Acq: 23 Dec 2023 09:31

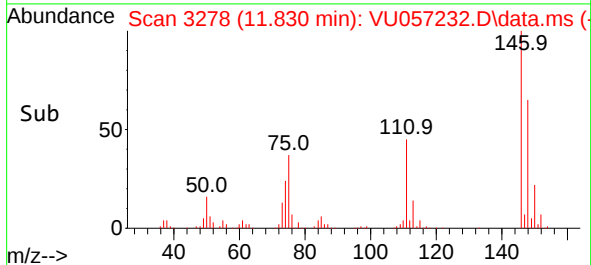
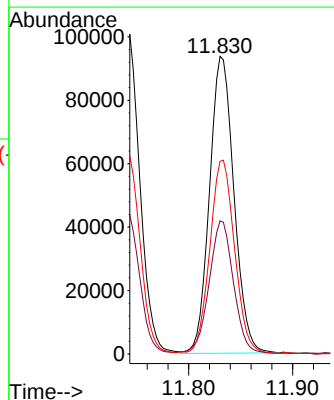
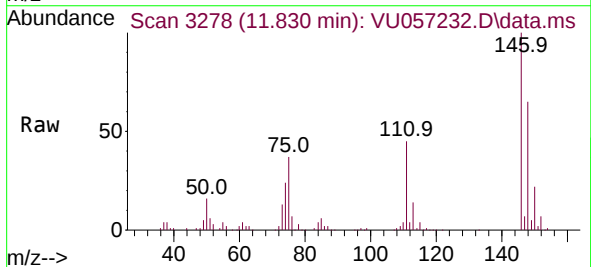
Instrument :
MSVOA_U
ClientSampleId :

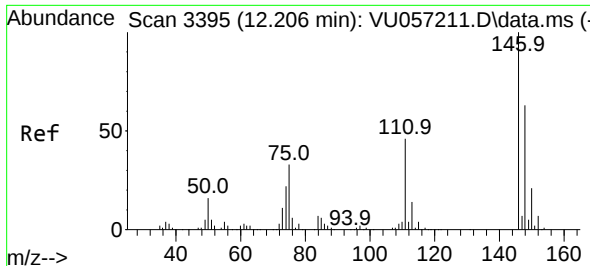
Tgt Ion:146 Resp: 161845
Ion Ratio Lower Upper
146 100
111 45.0 30.4 56.4
148 61.8 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 4.773 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU057232.D
Acq: 23 Dec 2023 09:31

Tgt Ion:146 Resp: 152808
Ion Ratio Lower Upper
146 100
111 44.7 28.1 52.3
148 64.7 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 5.068 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

Instrument :

MSVOA_U

ClientSampleId :

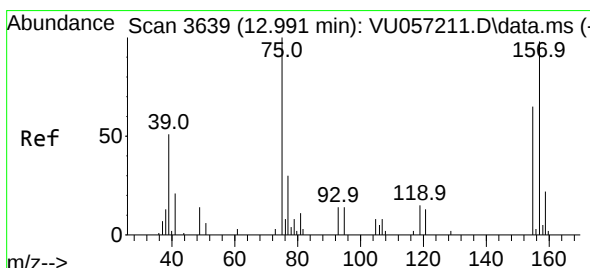
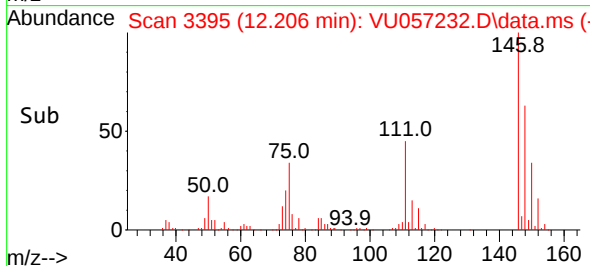
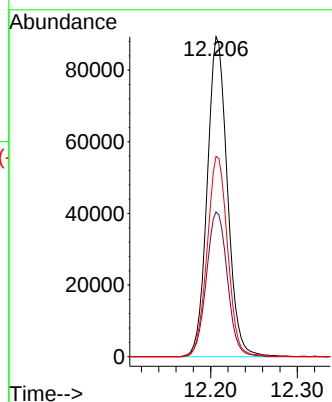
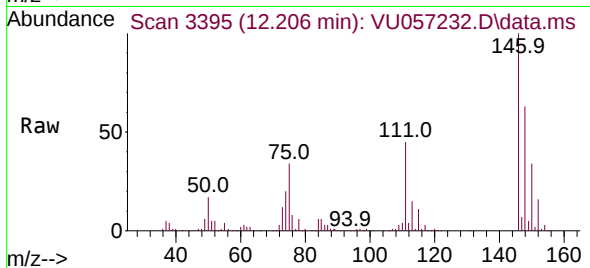
Tgt Ion:146 Resp: 144148

Ion Ratio Lower Upper

146 100

111 45.3 37.9 56.9

148 62.6 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.014 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

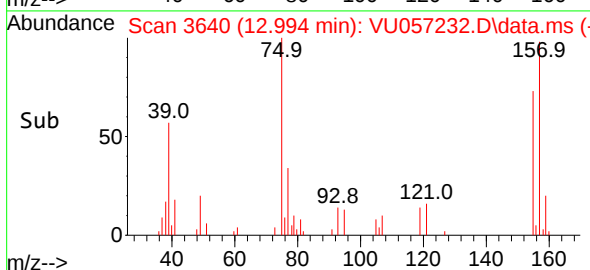
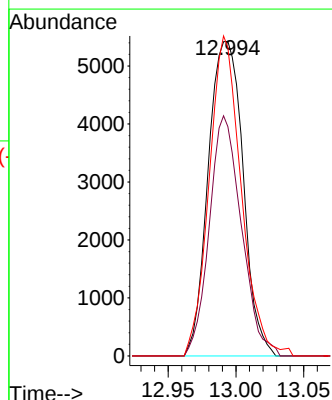
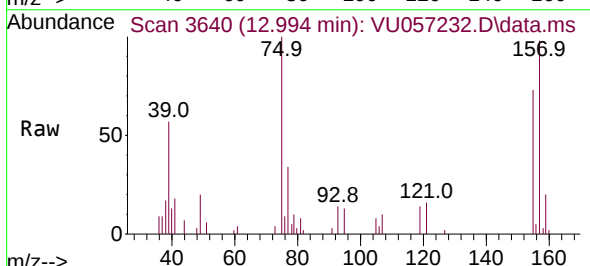
Tgt Ion: 75 Resp: 9670

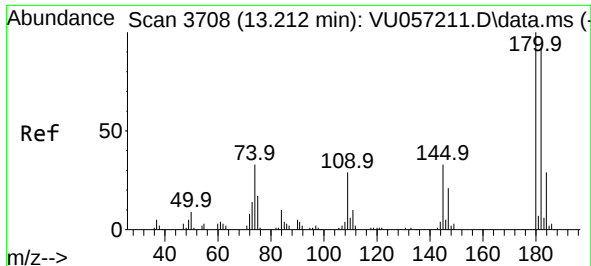
Ion Ratio Lower Upper

75 100

155 72.9 61.4 92.0

157 98.0 80.2 120.2





#69

1,3,5-Trichlorobenzene

Concen: 3.511 ug/L

RT: 13.216 min Scan# 3708

Delta R.T. 0.003 min

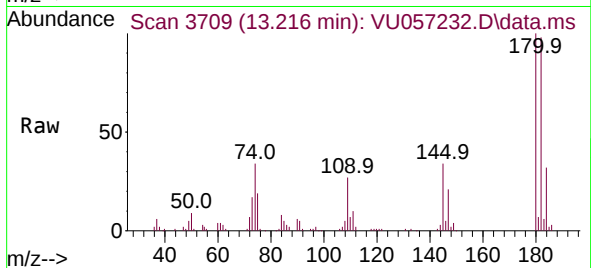
Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 83069

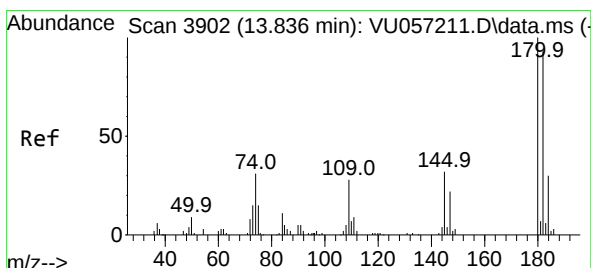
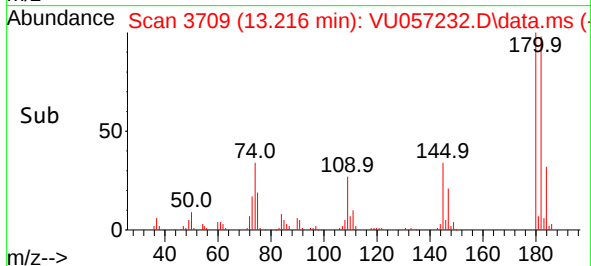
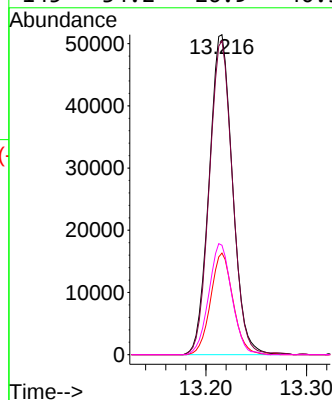
Ion Ratio Lower Upper

180 100

182 97.3 75.6 113.4

184 30.4 24.2 36.2

145 34.2 26.9 40.3



#70

1,2,4-trichlorobenzene

Concen: 3.081 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

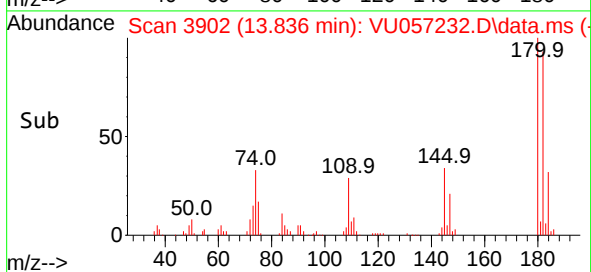
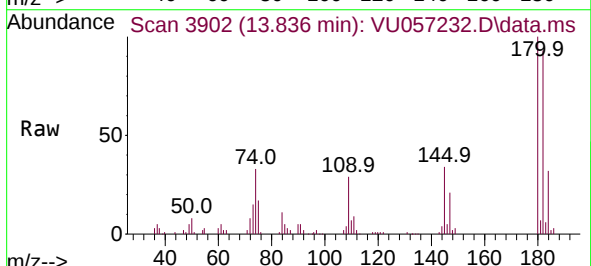
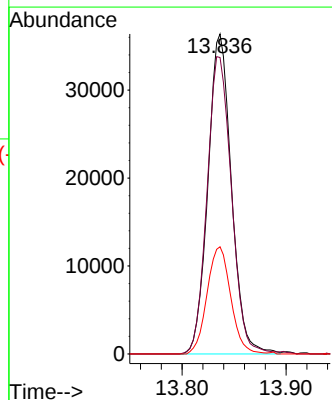
Tgt Ion:180 Resp: 57082

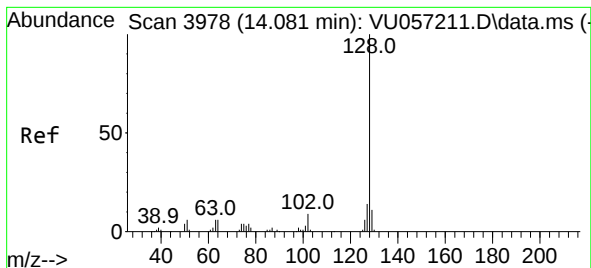
Ion Ratio Lower Upper

180 100

182 96.6 75.4 113.0

145 33.7 27.7 41.5





#71

Naphthalene

Concen: 3.147 ug/L

RT: 14.084 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU057232.D

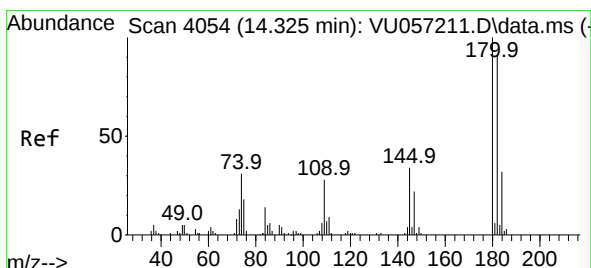
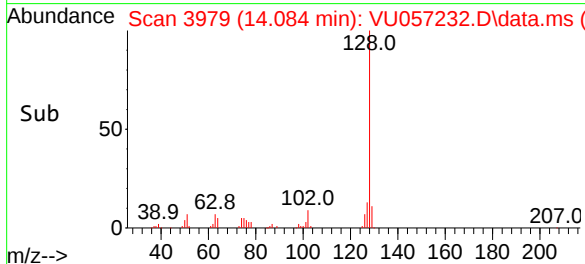
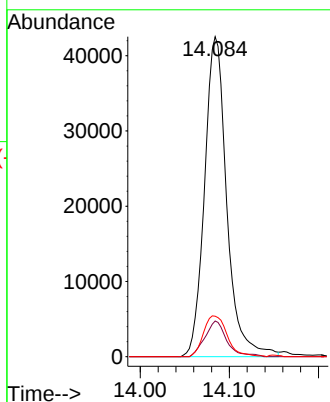
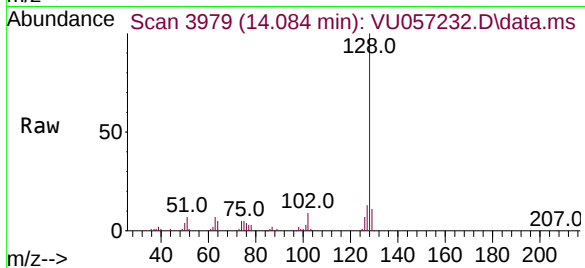
Acq: 23 Dec 2023 09:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	73754
Ion Ratio	Lower	Upper
128	100	
129	10.9	8.2 12.4
127	13.6	10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 3.181 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU057232.D

Acq: 23 Dec 2023 09:31

Tgt Ion:180	Resp:	45970
Ion Ratio	Lower	Upper
180	100	
182	94.3	76.2 114.4
145	35.1	28.9 43.3

