

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056247.D
 Acq On : 12 Nov 2023 04:11
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 04:24:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 22:15:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	382540	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	359542	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	179453	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	82782	3.486	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.800%	
7) Chloroethane-d5	1.907	69	64249	3.987	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.800%	
11) 1,1-Dichloroethene-d2	2.563	65	35591	3.402	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.000%	
20) 2-Butanone-d5	4.618	46	193742	49.736	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.480%	
24) Chloroform-d	5.055	84	199174	4.407	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
26) 1,2-Dichloroethane-d4	5.698	65	87084	4.376	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
32) Benzene-d6	5.721	84	374581	4.338	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
36) 1,2-Dichloropropane-d6	6.685	67	115169	4.531	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.600%	
41) Toluene-d8	7.894	98	326038	4.120	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.400%	
43) trans-1,3-Dichloroprop...	8.174	79	43080	4.434	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.600%	
46) 2-Hexanone-d5	8.627	63	185500	58.248	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	116.500%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	88822	4.896	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	113474	4.100	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	130364	4.018	ug/L	96
3) Chloromethane	1.518	50	151803	4.995	ug/L	97
5) Vinyl chloride	1.602	62	141919	4.514	ug/L	98
6) Bromomethane	1.853	94	75801	4.198	ug/L	99
8) Chloroethane	1.930	64	84702	4.969	ug/L	98
9) Trichlorofluoromethane	2.136	101	187241	4.503	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	110479	4.170	ug/L	99
12) 1,1-Dichloroethene	2.576	96	112987	4.596	ug/L	96
13) Acetone	2.628	43	144128	50.170	ug/L	99
14) Carbon disulfide	2.792	76	349624	4.173	ug/L	98
15) Methyl Acetate	2.946	43	42503	5.243	ug/L	96
16) Methylene chloride	3.039	84	140517	4.984	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	290291	5.241	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	123019	4.722	ug/L	96
19) 1,1-Dichloroethane	3.862	63	236751	4.982	ug/L	95
21) 2-Butanone	4.698	43	243754	51.449	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	143777	5.112	ug/L	96
23) Bromochloromethane	4.968	128	62650	5.020	ug/L	95
25) Chloroform	5.081	83	252663	4.989	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056247.D
 Acq On : 12 Nov 2023 04:11
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

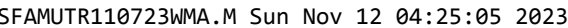
Instrument :
 MSVOA_U
 ClientSampleId :

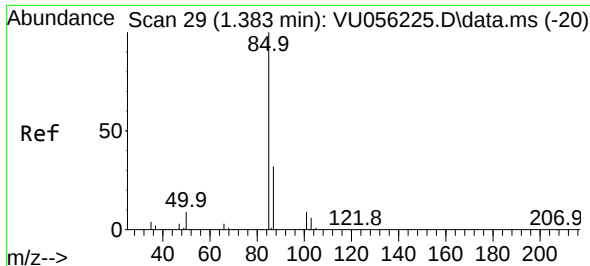
Quant Time: Nov 12 04:24:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 22:15:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	139739	4.875	ug/L #	93
29) 1,1,1-Trichloroethane	5.309	97	201235	4.886	ug/L	98
30) Cyclohexane	5.383	56	158089	4.108	ug/L	98
31) Carbon tetrachloride	5.518	117	165347	4.521	ug/L	99
33) Benzene	5.769	78	526713	5.116	ug/L	100
34) Trichloroethene	6.537	95	135071	4.803	ug/L	97
35) Methylcyclohexane	6.759	83	164956	3.947	ug/L	99
37) 1,2-Dichloropropane	6.785	63	136372	5.094	ug/L	99
38) Bromodichloromethane	7.100	83	172895	5.172	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	193125	5.111	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	651937	55.672	ug/L	100
42) Toluene	7.965	91	535476	4.934	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	154401	5.047	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	99162	5.418	ug/L	98
47) Tetrachloroethene	8.550	164	94839	4.494	ug/L	95
48) 2-Hexanone	8.679	43	467476	54.829	ug/L	98
49) Dibromochloromethane	8.804	129	110401	5.257	ug/L	98
50) 1,2-Dibromoethane	8.917	107	91693	5.362	ug/L	99
51) Chlorobenzene	9.441	112	339101	4.843	ug/L	99
52) Ethylbenzene	9.566	91	555386	4.696	ug/L	99
53) m,p-Xylene	9.688	106	214155	4.761	ug/L	99
54) o-Xylene	10.097	106	212246	4.922	ug/L	97
55) Styrene	10.110	104	354274	5.022	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	118398	5.505	ug/L	97
59) Bromoform	10.286	173	64906	5.208	ug/L	98
60) Isopropylbenzene	10.479	105	540261	4.643	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	79615	5.140	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	438352	4.646	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	449042	4.851	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	264424	4.799	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	265208	4.867	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	248368	4.891	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	16368	5.009	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	196735	4.767	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	163529	4.994	ug/L	99
71) Naphthalene	14.080	128	254720	5.245	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	142279	4.956	ug/L	98

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

Quant Time: Nov 12 04:24:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 11 22:15:12 2023
Response via : Initial Calibration

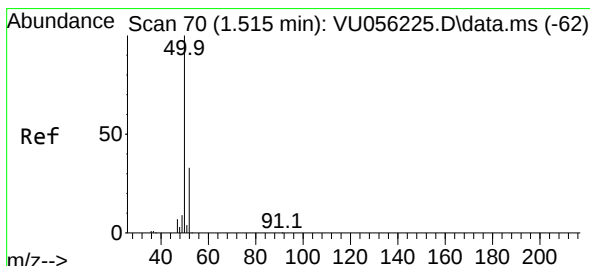
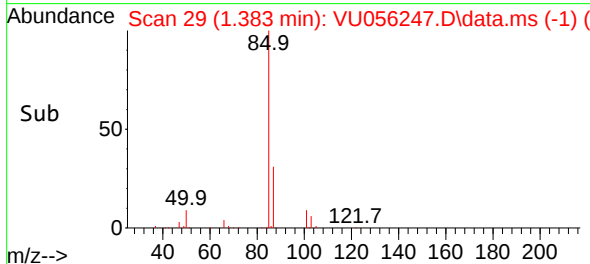
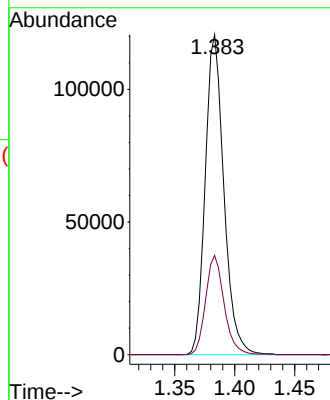
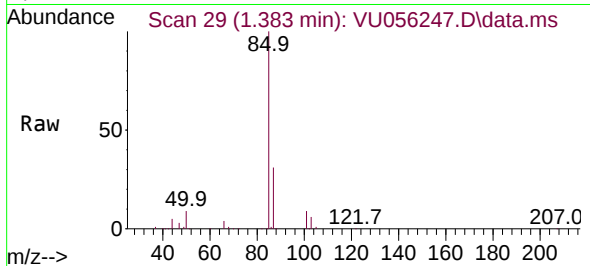




#2
Dichlorodifluoromethane
Concen: 4.018 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

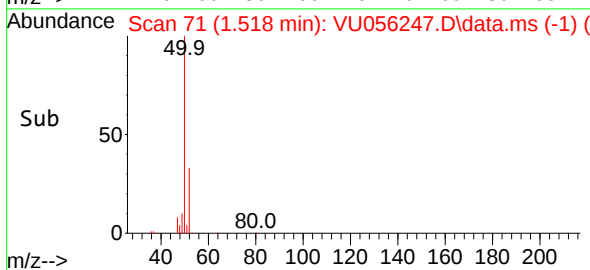
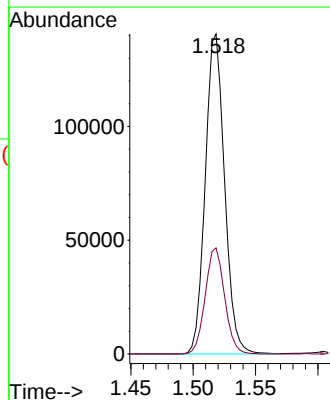
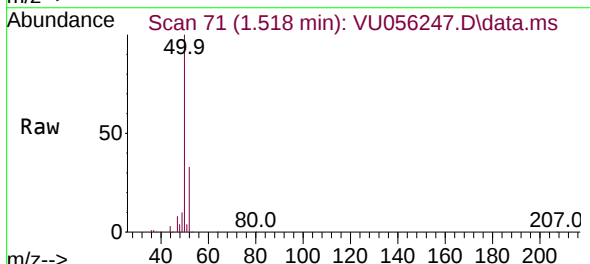
Instrument :
MSVOA_U
ClientSampleId :

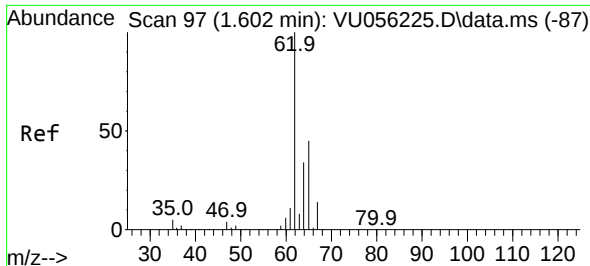
Tgt Ion: 85 Resp: 130364
Ion Ratio Lower Upper
85 100
87 30.9 26.4 39.6



#3
Chloromethane
Concen: 4.995 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

Tgt Ion: 50 Resp: 151803
Ion Ratio Lower Upper
50 100
52 33.2 22.2 41.2

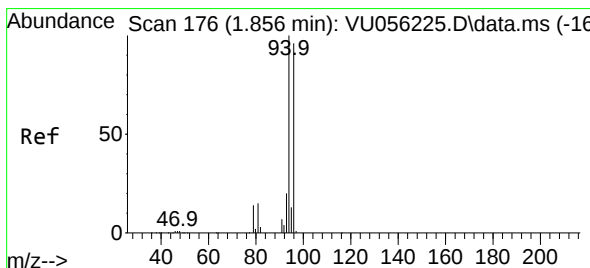
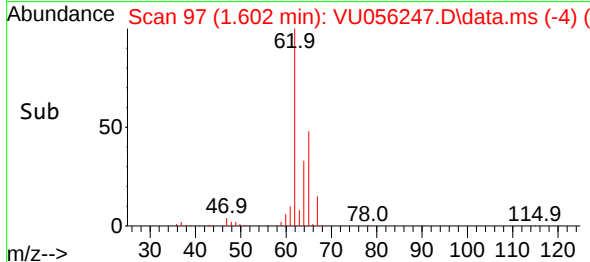
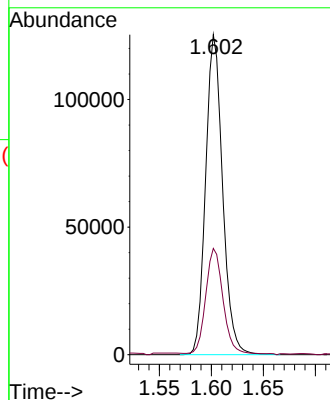
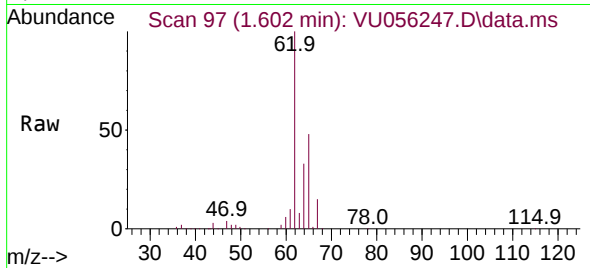




#5
 Vinyl chloride
 Concen: 4.514 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056247.D
 Acq: 12 Nov 2023 04:11

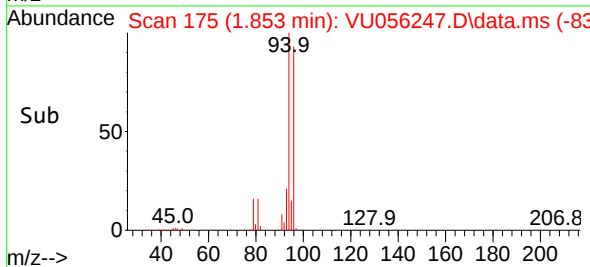
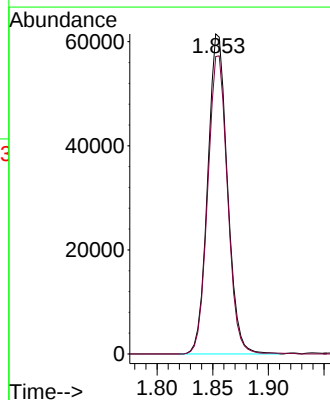
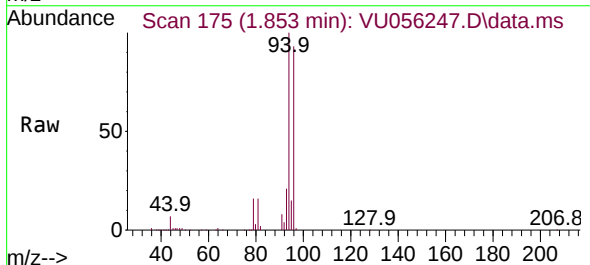
Instrument :
 MSVOA_U
 ClientSampleId :

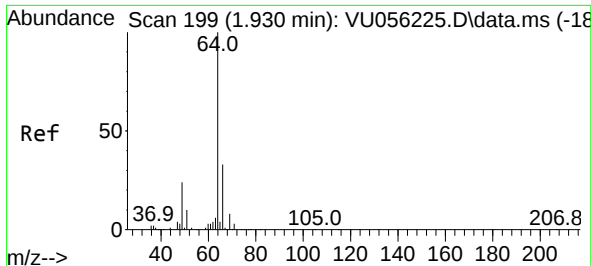
Tgt Ion: 62 Resp: 141919
 Ion Ratio Lower Upper
 62 100
 64 33.2 24.1 44.7



#6
 Bromomethane
 Concen: 4.198 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.003 min
 Lab File: VU056247.D
 Acq: 12 Nov 2023 04:11

Tgt Ion: 94 Resp: 75801
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.6 121.8

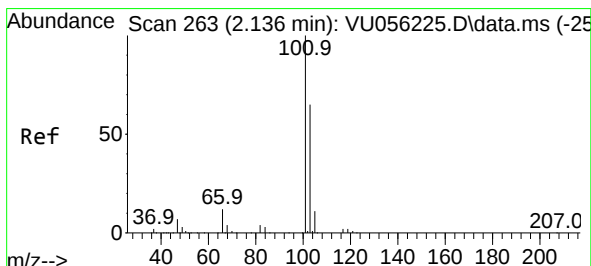
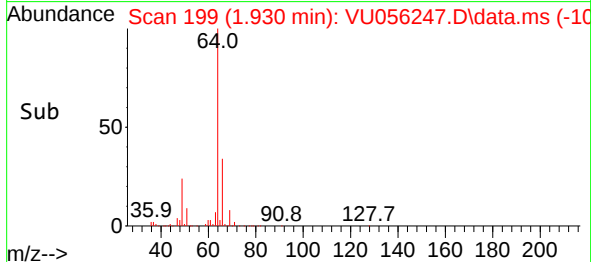
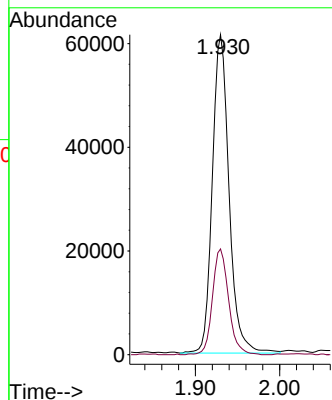
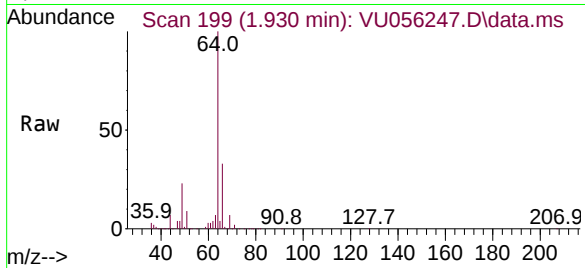




#8
Chloroethane
Concen: 4.969 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

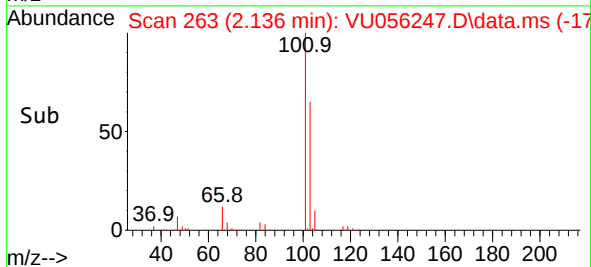
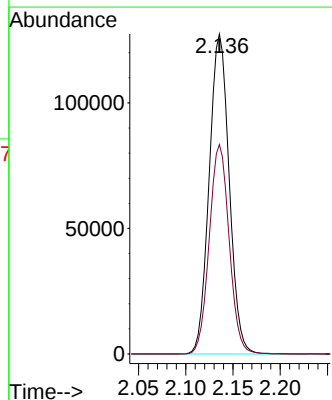
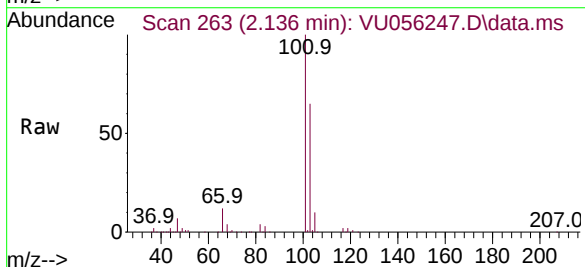
Instrument :
MSVOA_U
ClientSampleId :

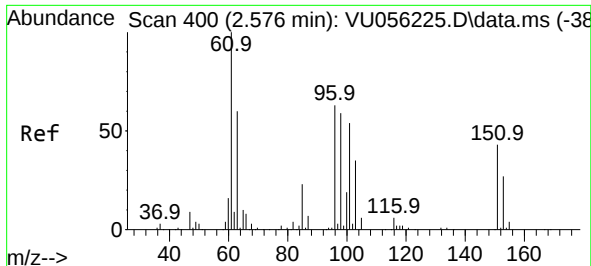
Tgt Ion: 64 Resp: 84702
Ion Ratio Lower Upper
64 100
66 33.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.503 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

Tgt Ion:101 Resp: 187241
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.6

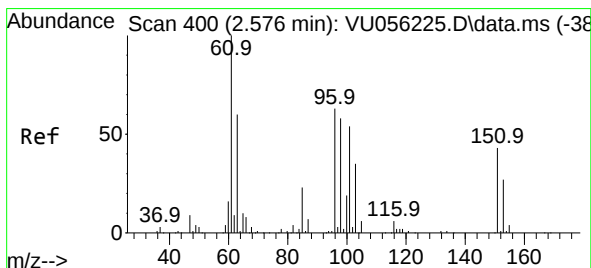
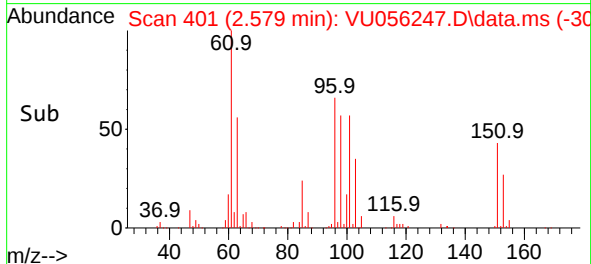
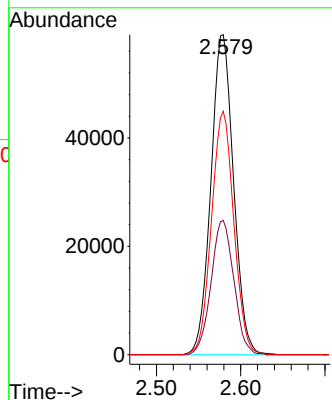
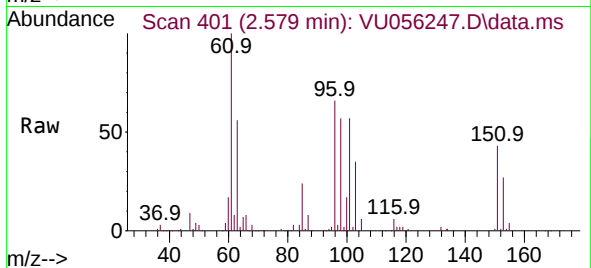




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.170 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

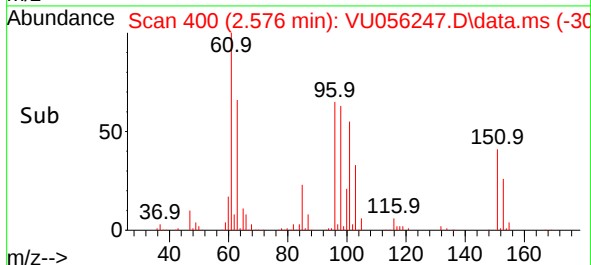
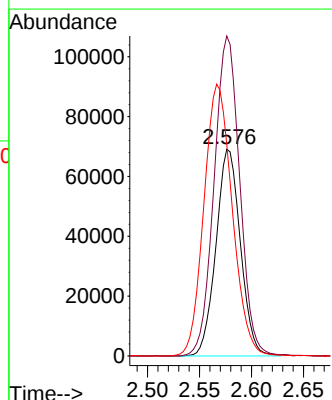
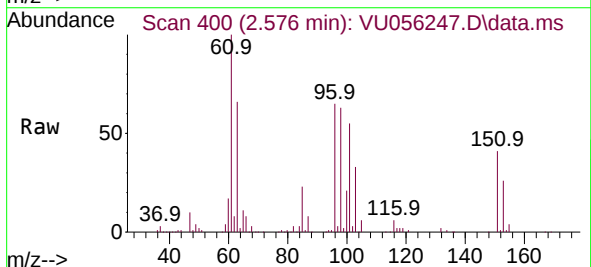
Instrument :
MSVOA_U
ClientSampleId :

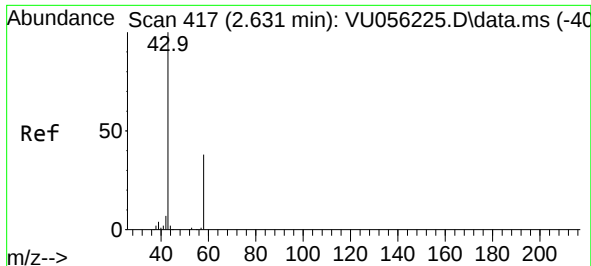
Tgt Ion:101 Resp: 110479
Ion Ratio Lower Upper
101 100
85 42.1 34.2 51.4
151 75.1 59.3 88.9



#12
1,1-Dichloroethene
Concen: 4.596 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

Tgt Ion: 96 Resp: 112987
Ion Ratio Lower Upper
96 100
61 154.8 111.7 207.5
63 102.5 74.5 138.3





#13

Acetone

Concen: 50.170 ug/L

RT: 2.628 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU056247.D

Acq: 12 Nov 2023 04:11

Instrument :

MSVOA_U

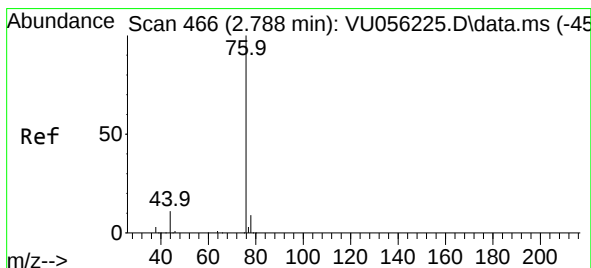
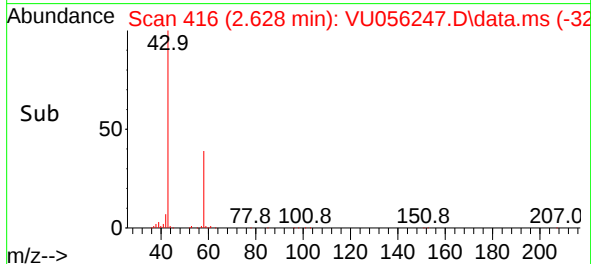
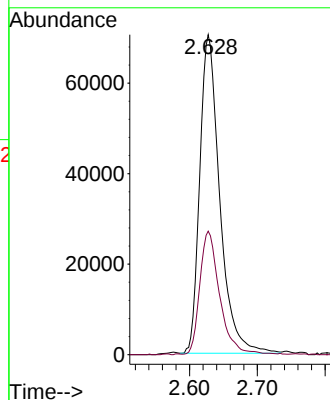
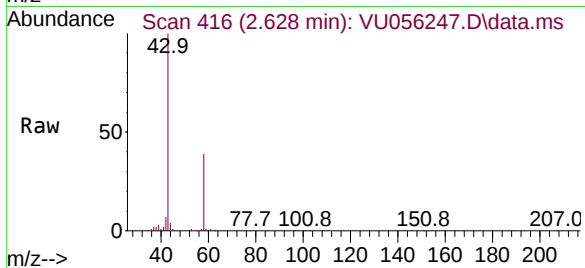
ClientSampleId :

Tgt Ion: 43 Resp: 144128

Ion Ratio Lower Upper

43 100

58 38.0 0.0 74.4



#14

Carbon disulfide

Concen: 4.173 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU056247.D

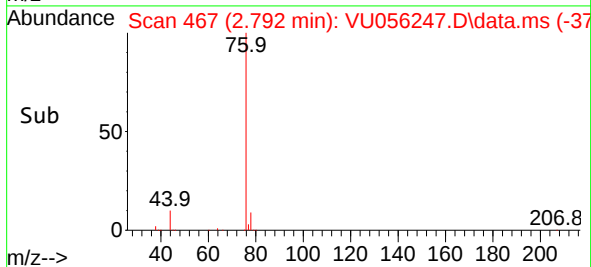
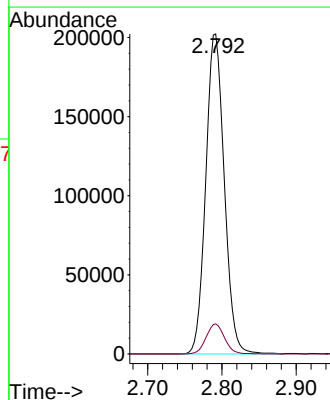
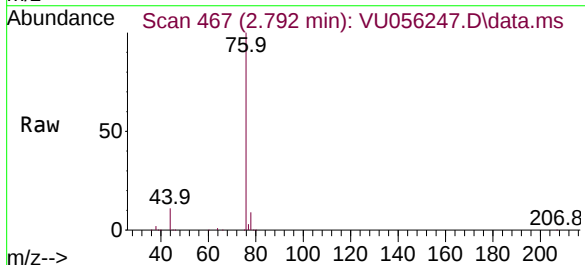
Acq: 12 Nov 2023 04:11

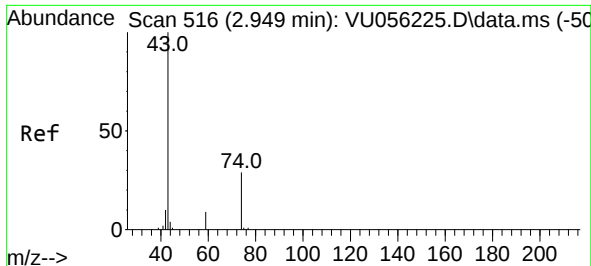
Tgt Ion: 76 Resp: 349624

Ion Ratio Lower Upper

76 100

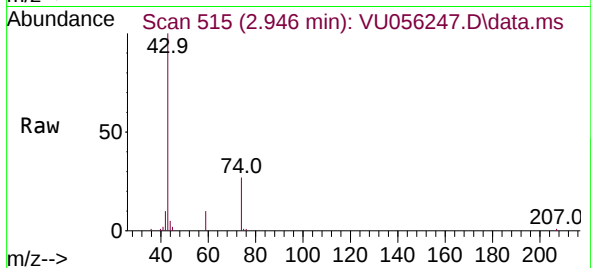
78 9.4 7.0 10.6



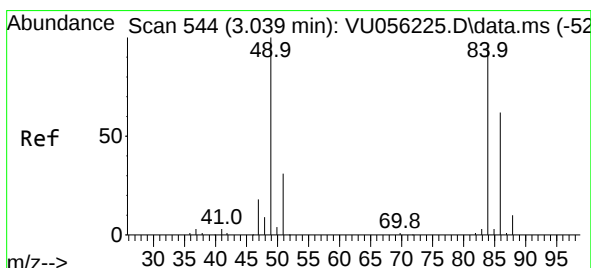
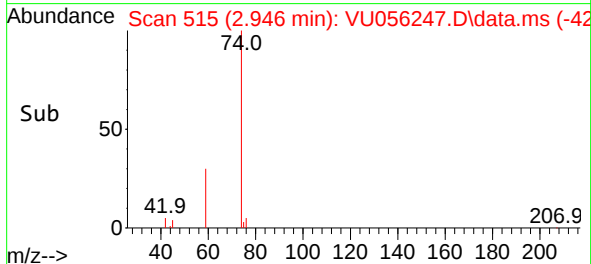
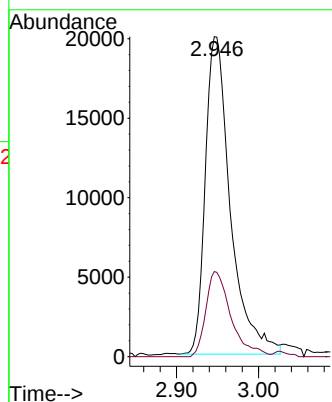


#15
Methyl Acetate
Concen: 5.243 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

Instrument :
MSVOA_U
ClientSampleId :

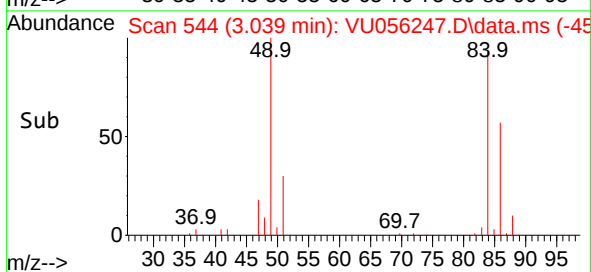
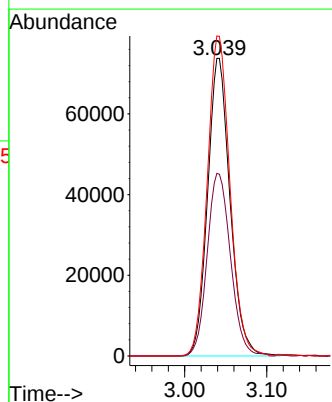
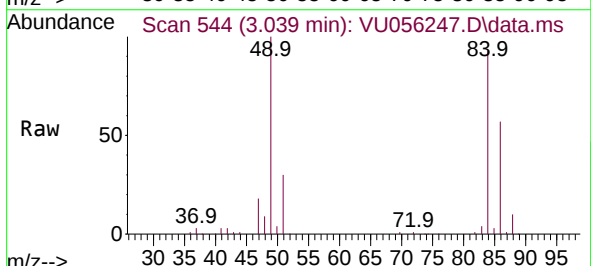


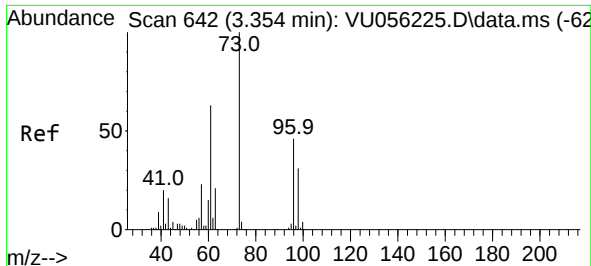
Tgt Ion: 43 Resp: 42503
Ion Ratio Lower Upper
43 100
74 26.8 23.3 34.9



#16
Methylene chloride
Concen: 4.984 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

Tgt Ion: 84 Resp: 140517
Ion Ratio Lower Upper
84 100
86 61.3 44.9 83.5
49 107.5 75.0 139.4





#17

Methyl tert-butyl Ether

Concen: 5.241 ug/L

RT: 3.354 min Scan# 641

Delta R.T. -0.000 min

Lab File: VU056247.D

Acq: 12 Nov 2023 04:11

Instrument :

MSVOA_U

ClientSampleId :

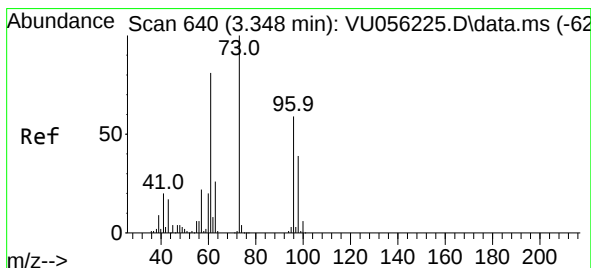
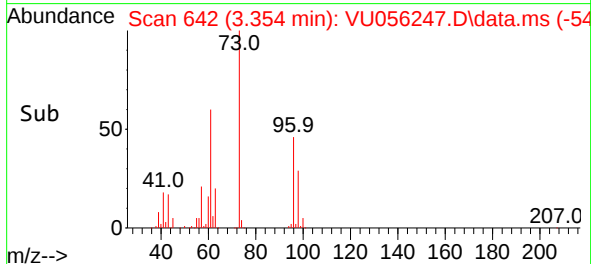
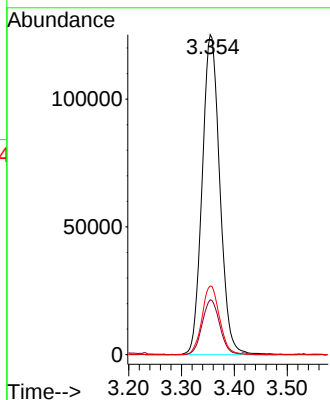
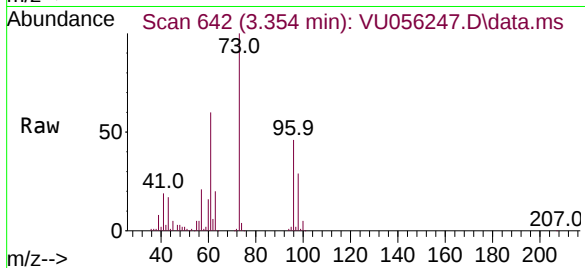
Tgt Ion: 73 Resp: 290291

Ion Ratio Lower Upper

73 100

43 17.0 13.6 20.4

57 21.4 17.3 25.9



#18

trans-1,2-Dichloroethene

Concen: 4.722 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.003 min

Lab File: VU056247.D

Acq: 12 Nov 2023 04:11

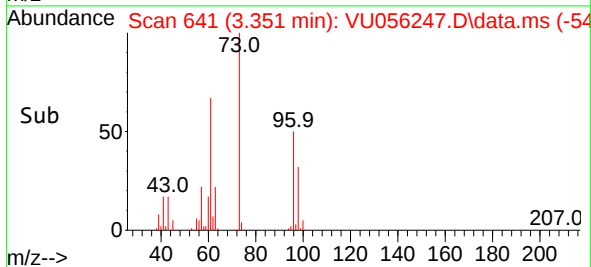
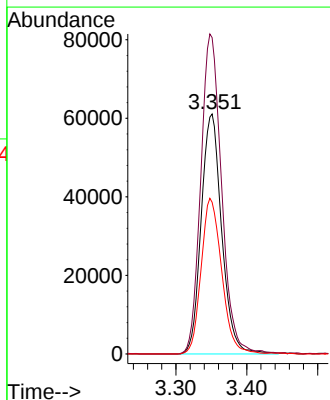
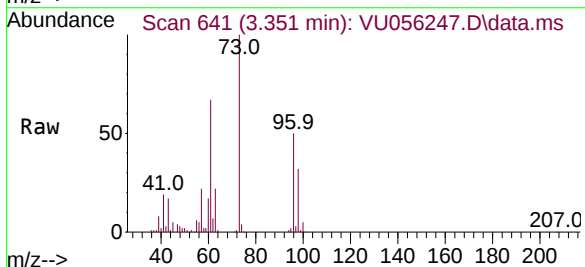
Tgt Ion: 96 Resp: 123019

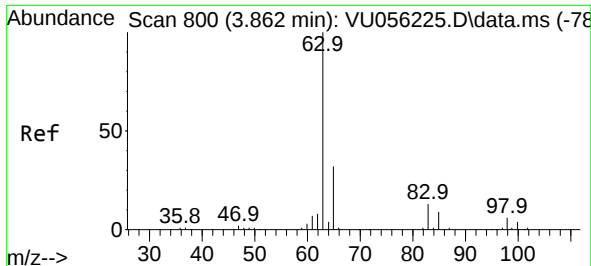
Ion Ratio Lower Upper

96 100

61 131.8 96.7 179.5

98 63.2 44.3 82.3





#19

1,1-Dichloroethane

Concen: 4.982 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU056247.D

Acq: 12 Nov 2023 04:11

Instrument :

MSVOA_U

ClientSampleId :

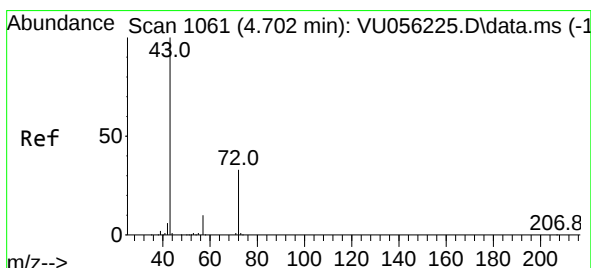
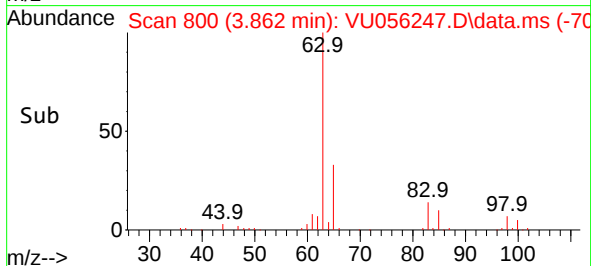
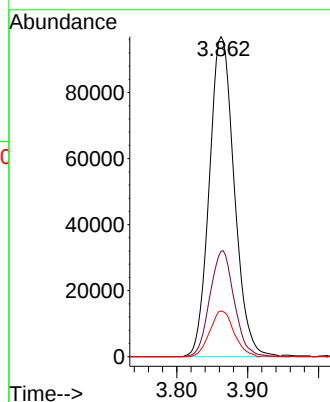
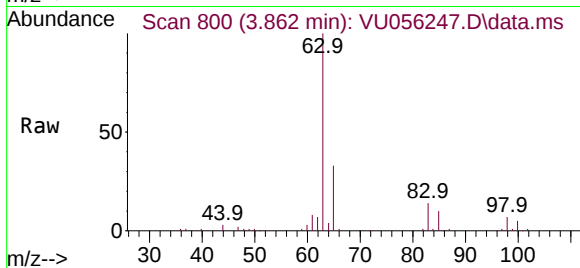
Tgt Ion: 63 Resp: 236751

Ion Ratio Lower Upper

63 100

65 32.9 20.6 38.2

83 14.3 9.6 17.8



#21

2-Butanone

Concen: 51.449 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. -0.003 min

Lab File: VU056247.D

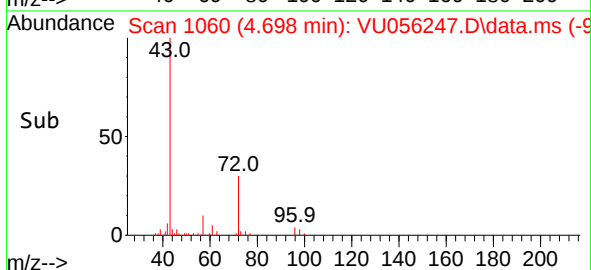
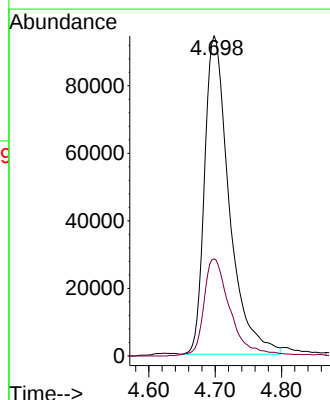
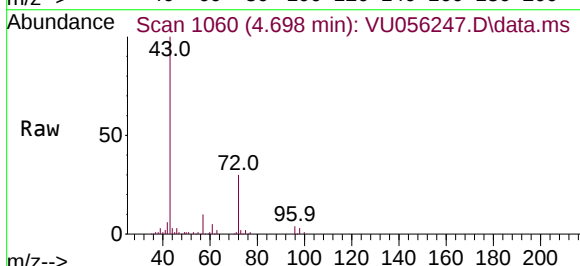
Acq: 12 Nov 2023 04:11

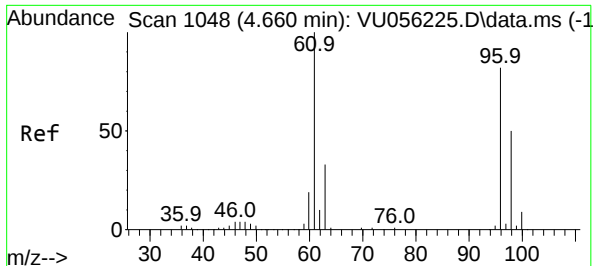
Tgt Ion: 43 Resp: 243754

Ion Ratio Lower Upper

43 100

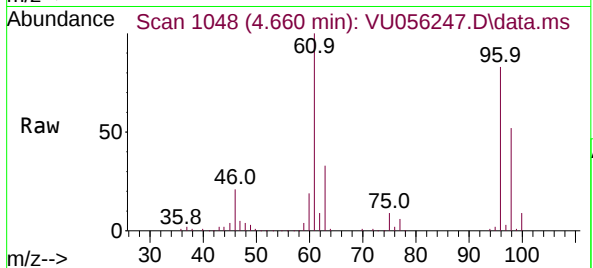
72 32.7 15.7 47.0





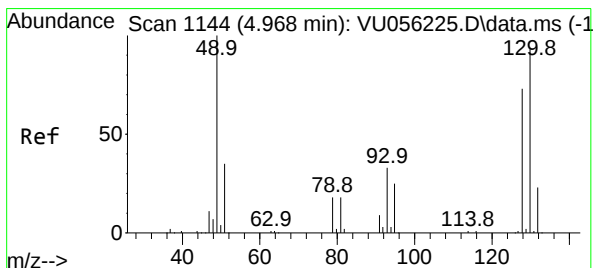
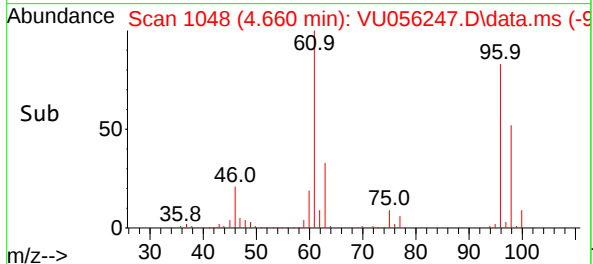
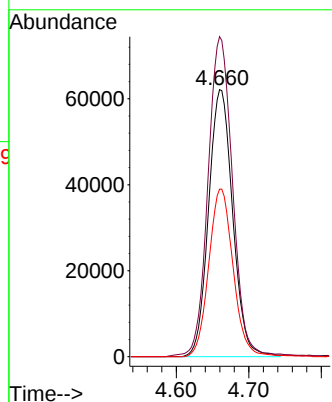
#22
 cis-1,2-Dichloroethene
 Concen: 5.112 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056247.D
 Acq: 12 Nov 2023 04:11

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 143777

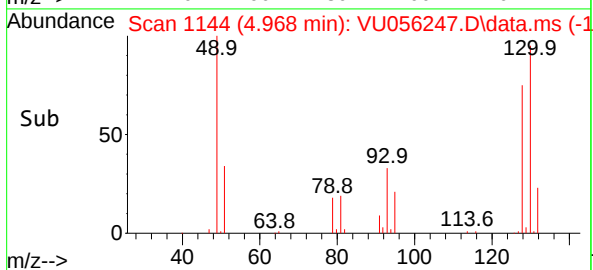
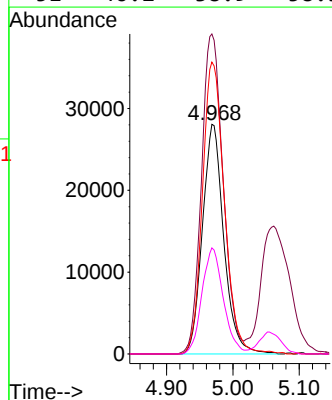
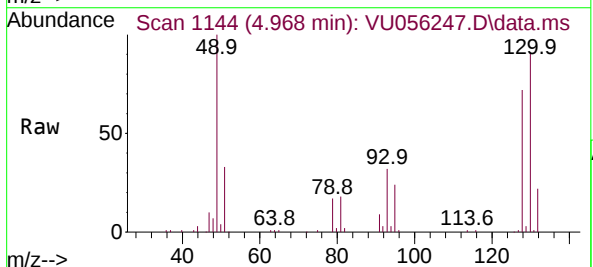
Ion	Ratio	Lower	Upper
96	100		
61	119.8	87.8	163.2
98	62.7	43.5	80.7

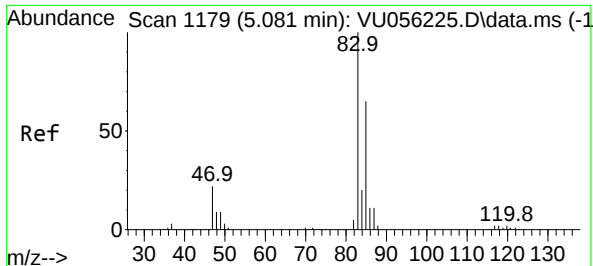


#23
 Bromochloromethane
 Concen: 5.020 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU056247.D
 Acq: 12 Nov 2023 04:11

Tgt Ion: 128 Resp: 62650

Ion	Ratio	Lower	Upper
128	100		
49	139.4	103.7	192.7
130	127.1	91.8	170.6
51	46.2	38.9	58.3





#25

Chloroform

Concen: 4.989 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056247.D

Acq: 12 Nov 2023 04:11

Instrument :

MSVOA_U

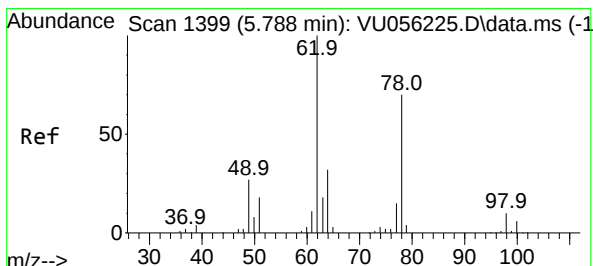
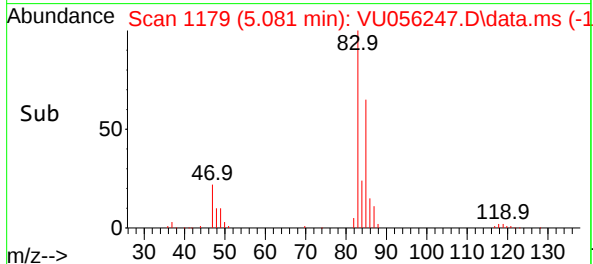
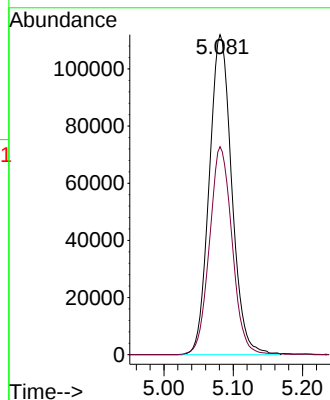
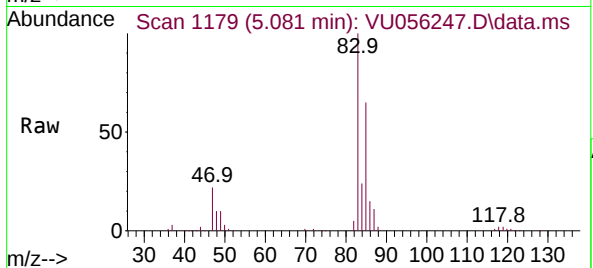
ClientSampleId :

Tgt Ion: 83 Resp: 252663

Ion Ratio Lower Upper

83 100

85 65.0 45.3 84.1



#27

1,2-Dichloroethane

Concen: 4.875 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU056247.D

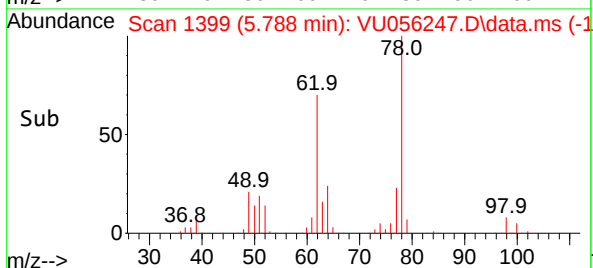
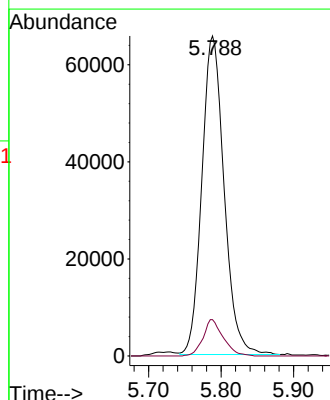
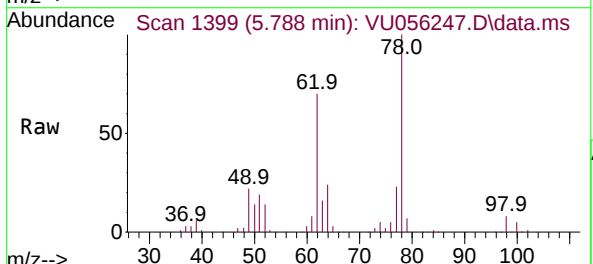
Acq: 12 Nov 2023 04:11

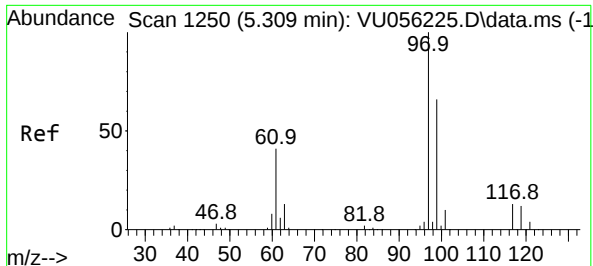
Tgt Ion: 62 Resp: 139739

Ion Ratio Lower Upper

62 100

98 11.4 7.1 10.7#





#29

1,1,1-Trichloroethane

Concen: 4.886 ug/L

RT: 5.309 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056247.D

Acq: 12 Nov 2023 04:11

Instrument :

MSVOA_U

ClientSampleId :

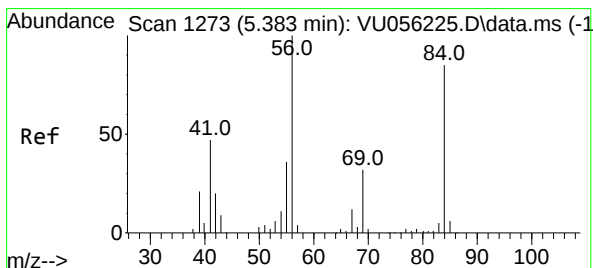
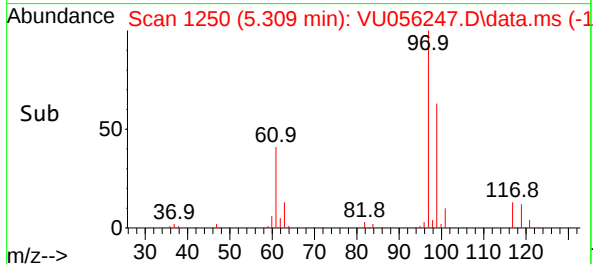
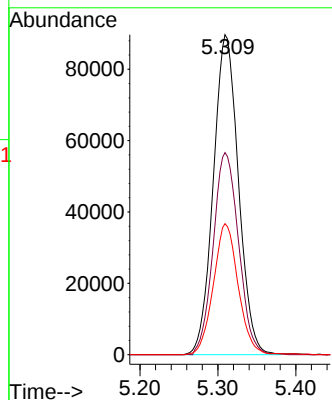
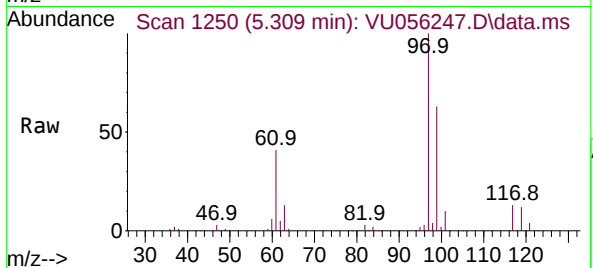
Tgt Ion: 97 Resp: 201235

Ion Ratio Lower Upper

97 100

99 63.8 52.0 78.0

61 40.3 33.4 50.0



#30

Cyclohexane

Concen: 4.108 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VU056247.D

Acq: 12 Nov 2023 04:11

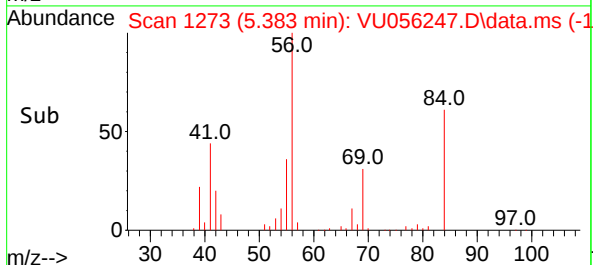
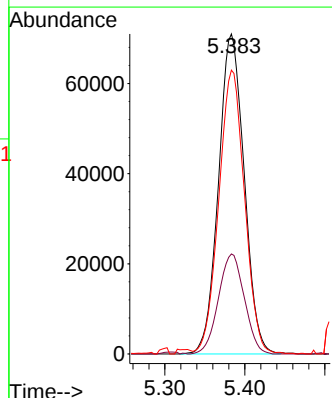
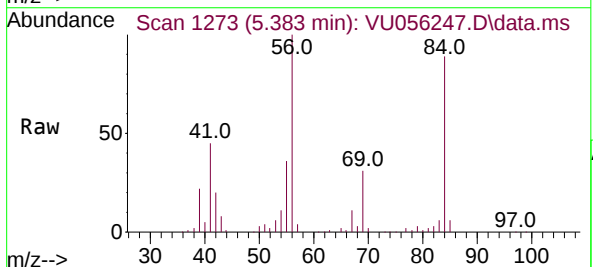
Tgt Ion: 56 Resp: 158089

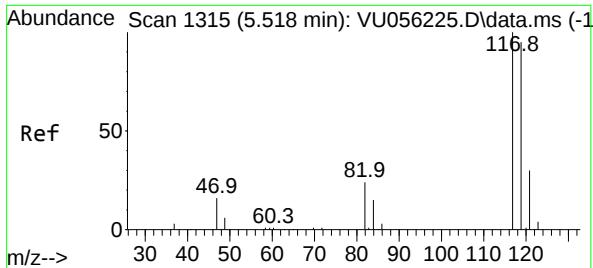
Ion Ratio Lower Upper

56 100

69 31.5 26.6 39.8

84 89.1 70.4 105.6

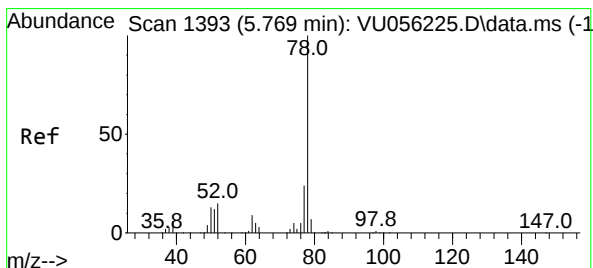
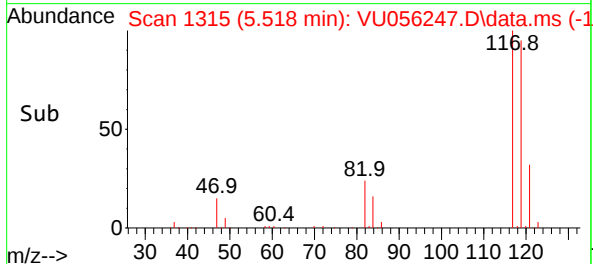
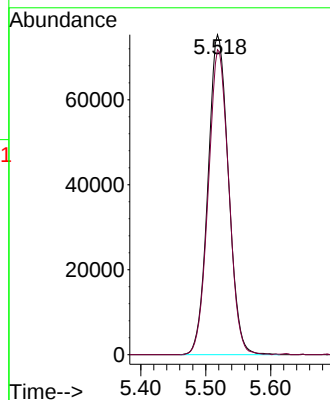
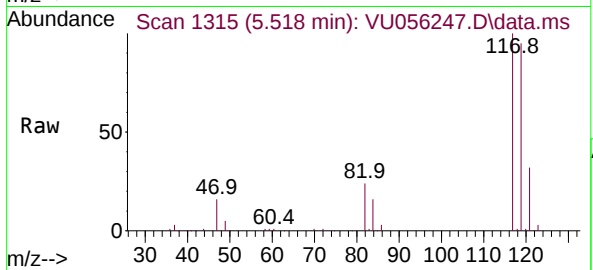




#31
Carbon tetrachloride
Concen: 4.521 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

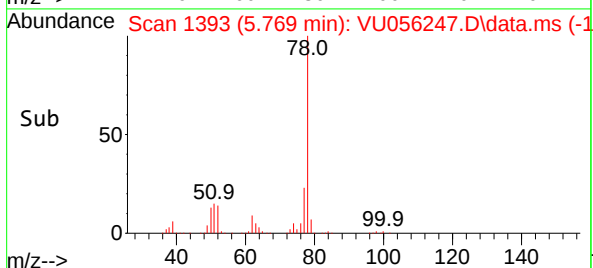
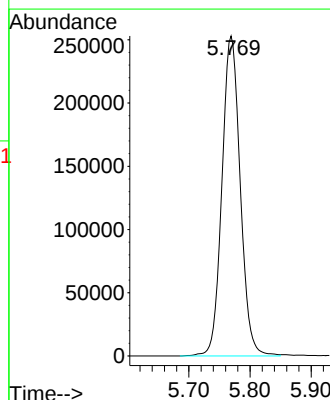
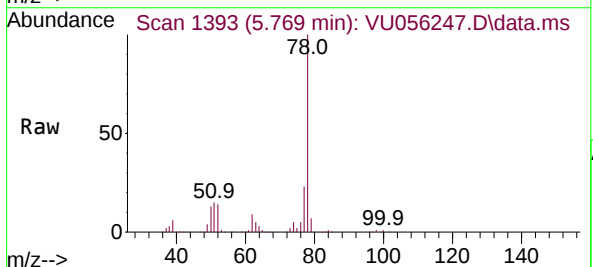
Instrument :
MSVOA_U
ClientSampleId :

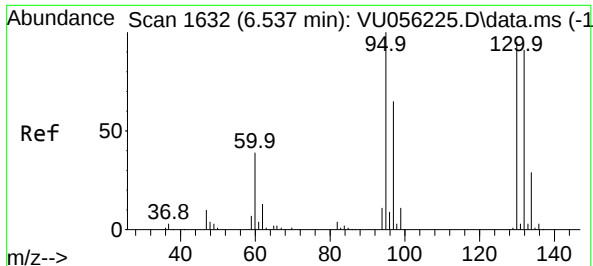
Tgt Ion:117 Resp: 165347
Ion Ratio Lower Upper
117 100
119 95.0 77.2 115.8



#33
Benzene
Concen: 5.116 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

Tgt Ion: 78 Resp: 526713

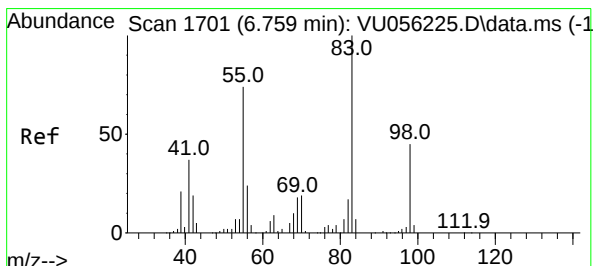
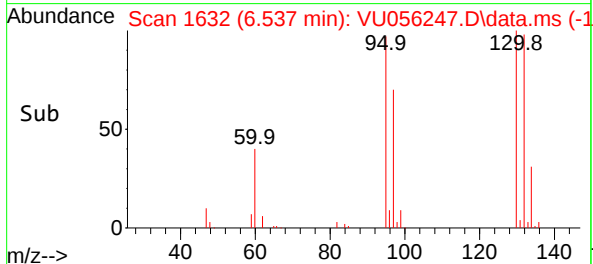
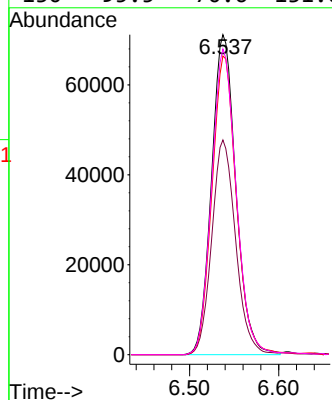
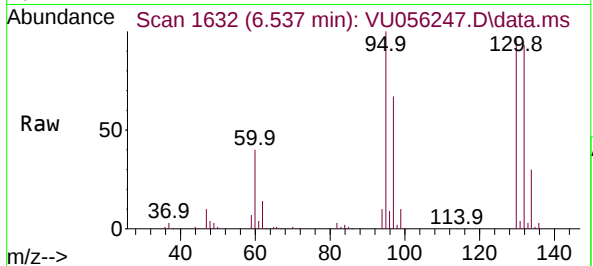




#34
Trichloroethene
Concen: 4.803 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

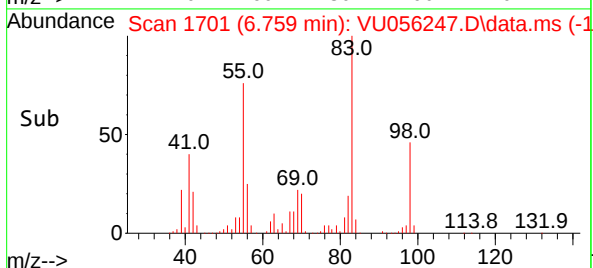
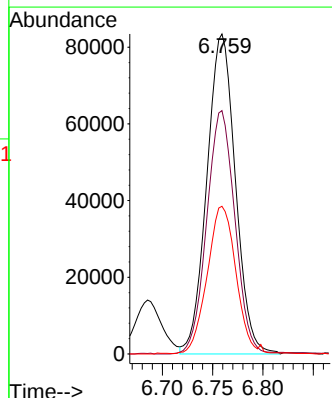
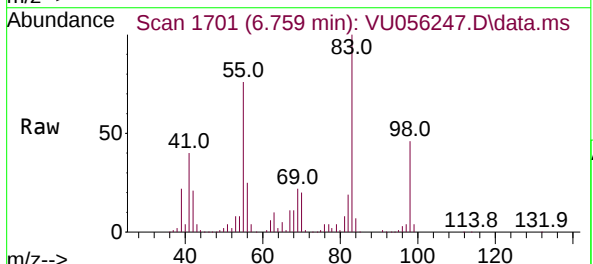
Instrument :
MSVOA_U
ClientSampleId :

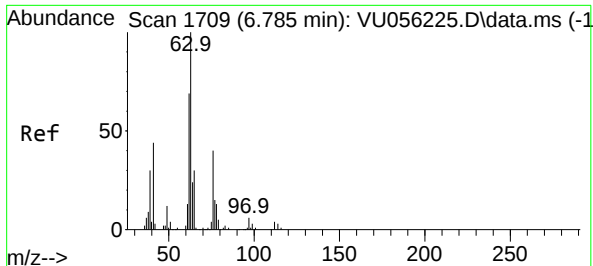
Tgt Ion: 95 Resp: 135071
Ion Ratio Lower Upper
95 100
97 67.1 46.8 87.0
132 93.3 66.5 123.5
130 95.5 70.6 131.0



#35
Methylcyclohexane
Concen: 3.947 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

Tgt Ion: 83 Resp: 164956
Ion Ratio Lower Upper
83 100
55 75.1 60.6 91.0
98 46.3 36.2 54.4





#37

1,2-Dichloropropane

Concen: 5.094 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056247.D

Acq: 12 Nov 2023 04:11

Instrument :

MSVOA_U

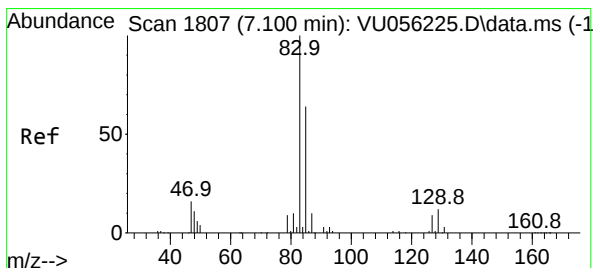
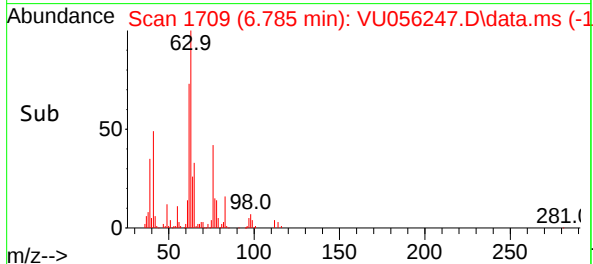
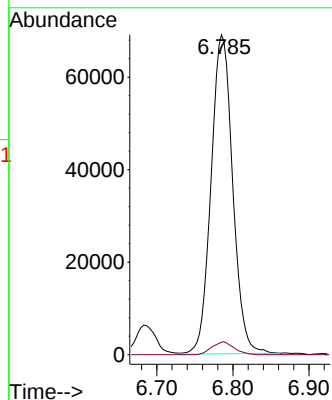
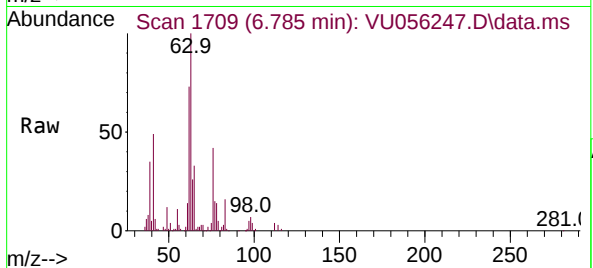
ClientSampleId :

Tgt Ion: 63 Resp: 136372

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.2



#38

Bromodichloromethane

Concen: 5.172 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU056247.D

Acq: 12 Nov 2023 04:11

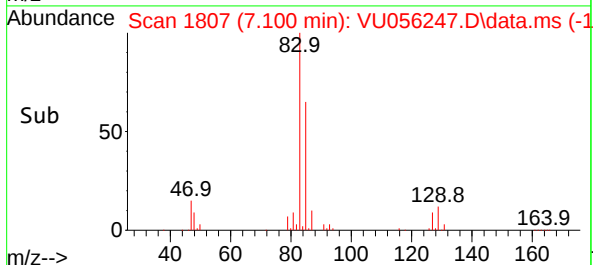
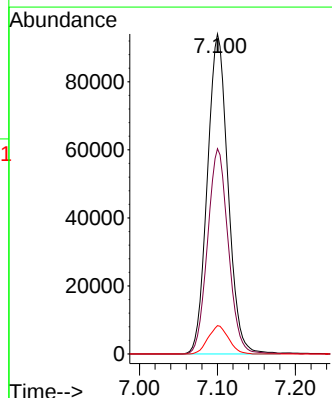
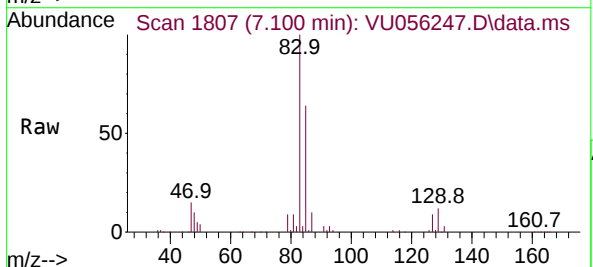
Tgt Ion: 83 Resp: 172895

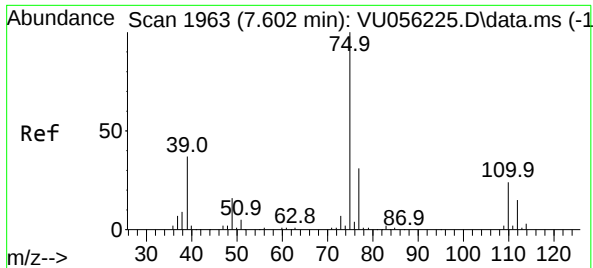
Ion Ratio Lower Upper

83 100

85 64.2 46.6 86.6

127 8.9 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 5.111 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU056247.D

Acq: 12 Nov 2023 04:11

Instrument :

MSVOA_U

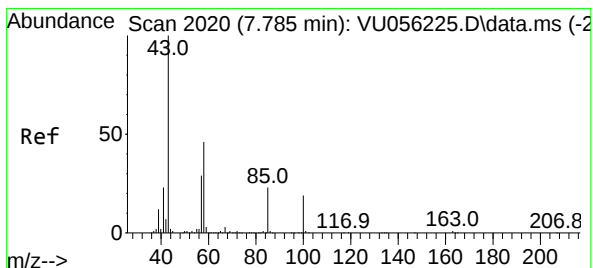
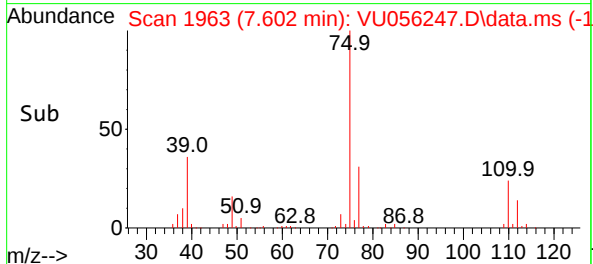
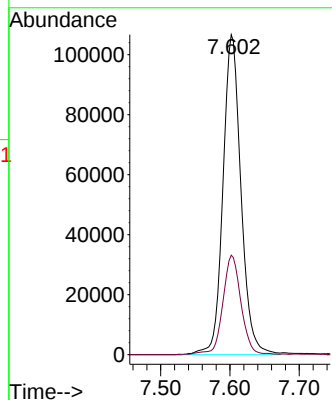
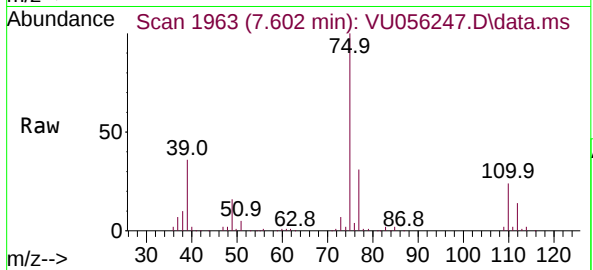
ClientSampleId :

Tgt Ion: 75 Resp: 193125

Ion Ratio Lower Upper

75 100

77 31.1 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 55.672 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU056247.D

Acq: 12 Nov 2023 04:11

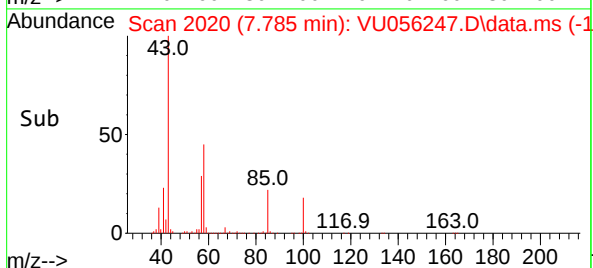
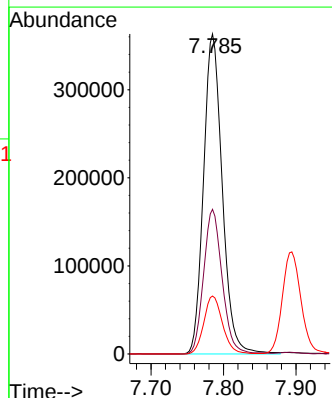
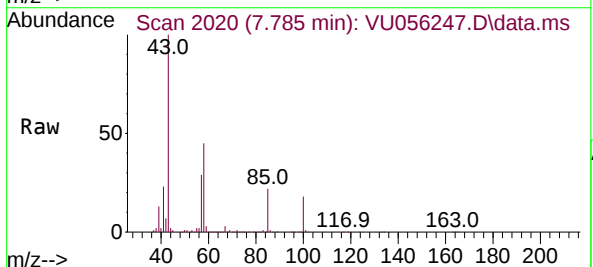
Tgt Ion: 43 Resp: 651937

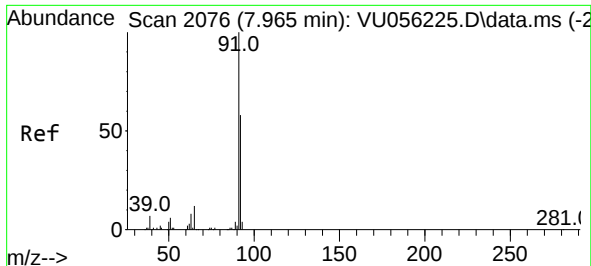
Ion Ratio Lower Upper

43 100

58 44.9 36.0 54.0

100 18.1 14.2 21.4





#42

Toluene

Concen: 4.934 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056247.D

Acq: 12 Nov 2023 04:11

Instrument :

MSVOA_U

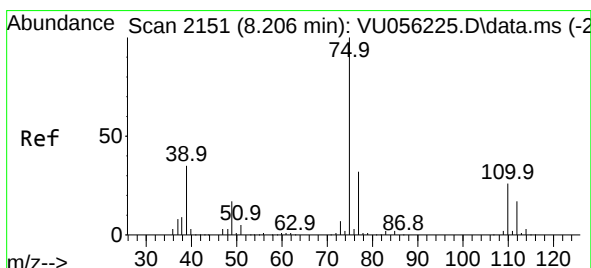
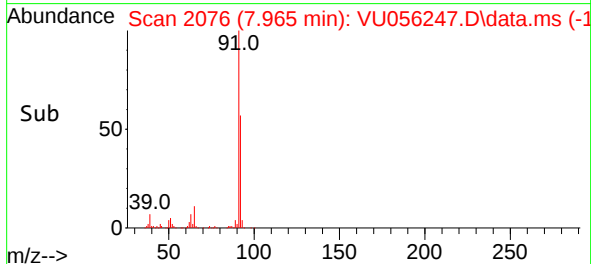
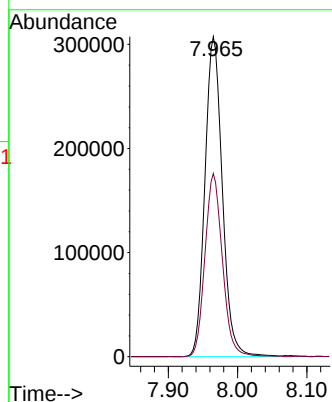
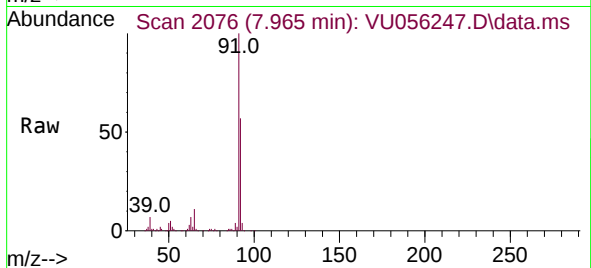
ClientSampleId :

Tgt Ion: 91 Resp: 535476

Ion Ratio Lower Upper

91 100

92 57.2 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 5.047 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU056247.D

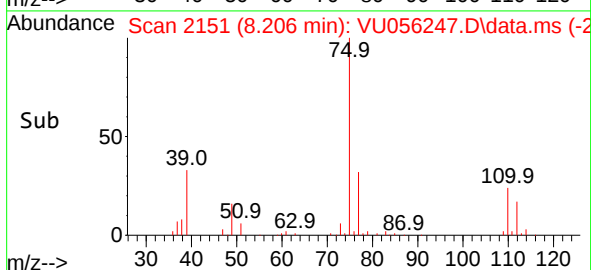
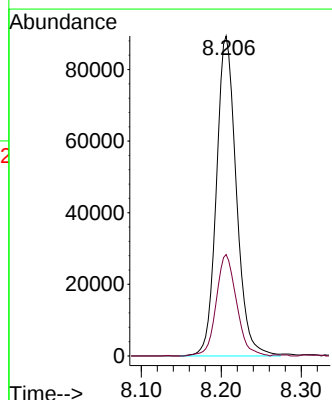
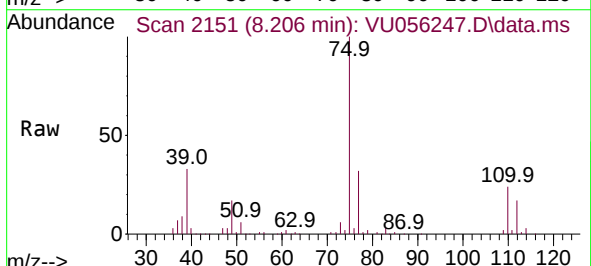
Acq: 12 Nov 2023 04:11

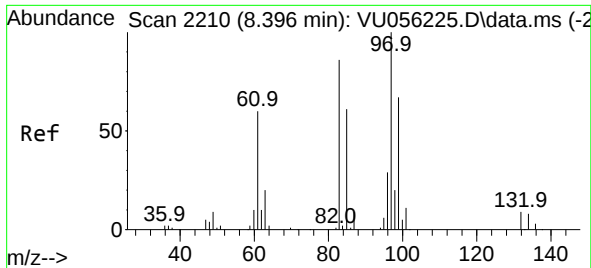
Tgt Ion: 75 Resp: 154401

Ion Ratio Lower Upper

75 100

77 31.7 21.7 40.3

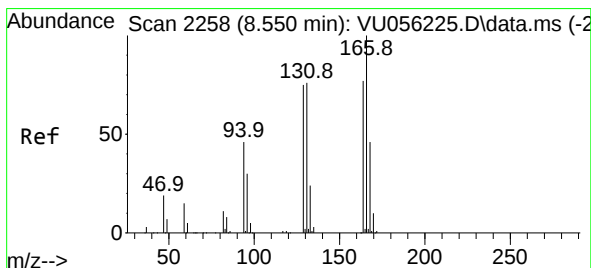
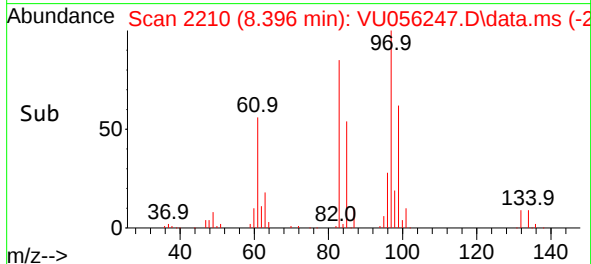
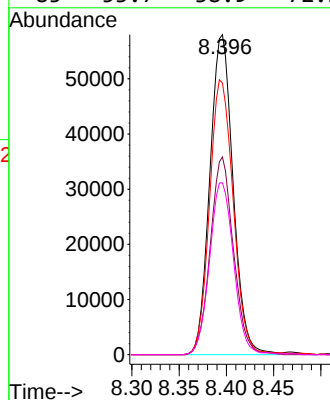
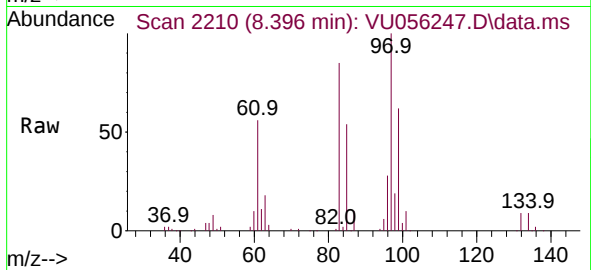




#45
1,1,2-Trichloroethane
Concen: 5.418 ug/L
RT: 8.396 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

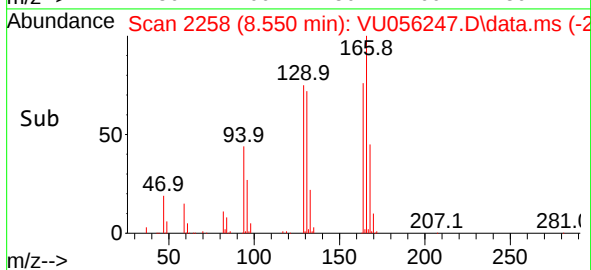
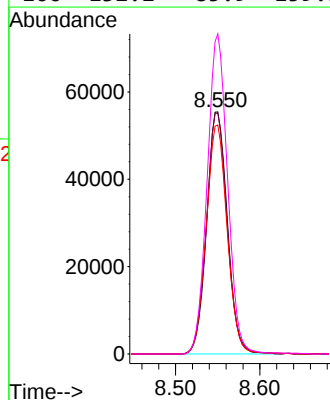
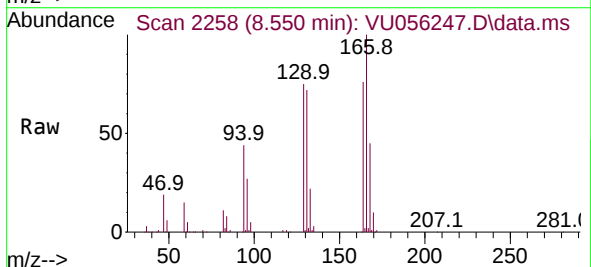
Instrument :
MSVOA_U
ClientSampleId :

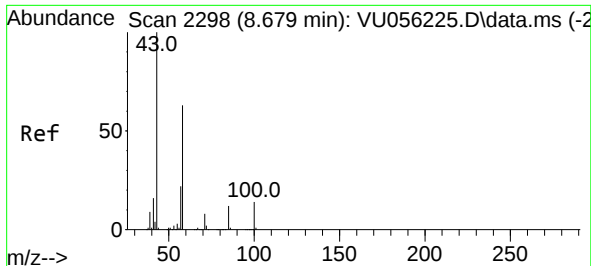
Tgt Ion:	97	Resp:	99162
Ion	Ratio	Lower	Upper
97	100		
99	61.8	44.7	82.9
83	84.9	59.4	110.2
85	53.7	38.9	72.2



#47
Tetrachloroethene
Concen: 4.494 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

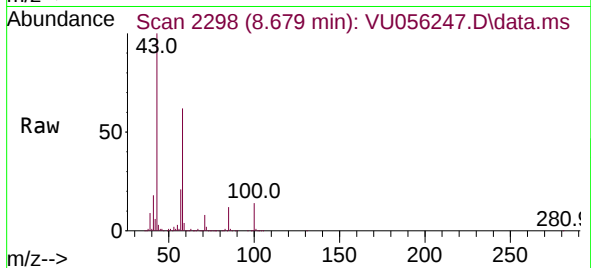
Tgt Ion:	164	Resp:	94839
Ion	Ratio	Lower	Upper
164	100		
129	99.6	66.6	123.8
131	94.6	67.8	126.0
166	132.2	85.9	159.5



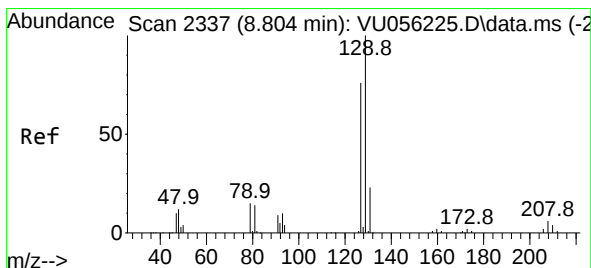
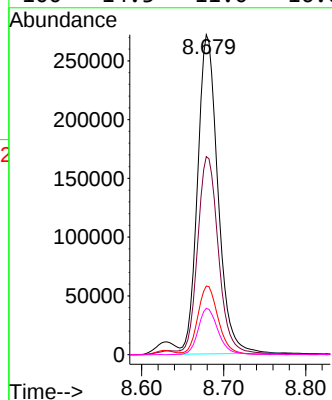
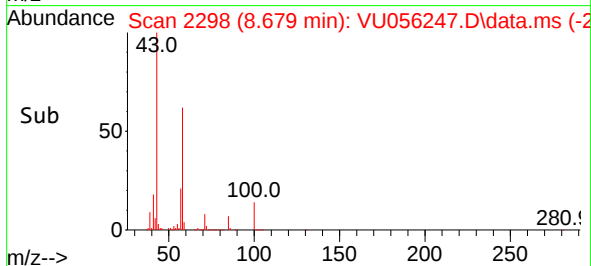


#48
2-Hexanone
Concen: 54.829 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

Instrument :
MSVOA_U
ClientSampleId :

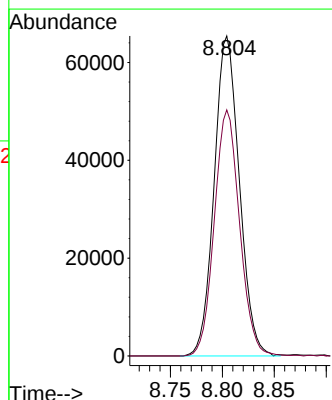
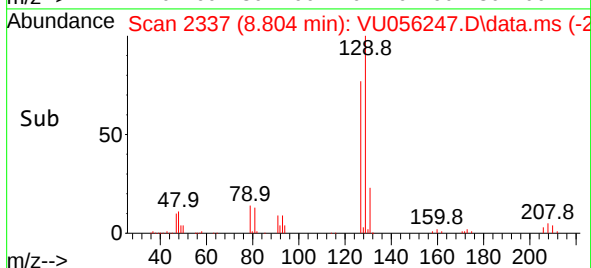
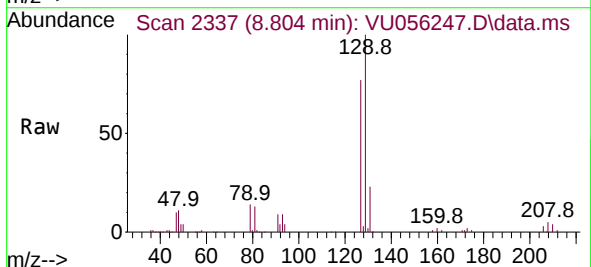


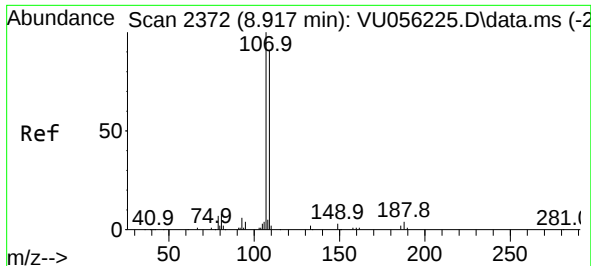
Tgt Ion: 43 Resp: 467476
Ion Ratio Lower Upper
43 100
58 62.4 52.0 78.0
57 21.5 17.4 26.2
100 14.3 11.0 16.6



#49
Dibromochloromethane
Concen: 5.257 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

Tgt Ion: 129 Resp: 110401
Ion Ratio Lower Upper
129 100
127 76.9 55.4 102.8





#50

1,2-Dibromoethane

Concen: 5.362 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056247.D

Acq: 12 Nov 2023 04:11

Instrument :

MSVOA_U

ClientSampleId :

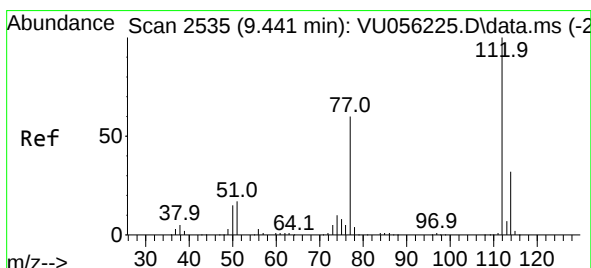
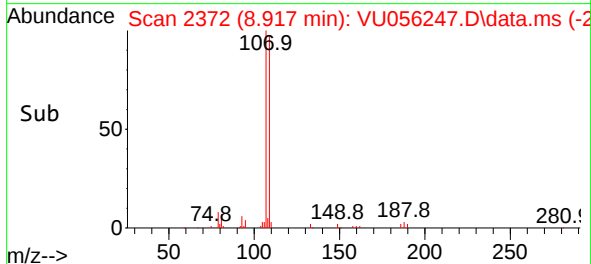
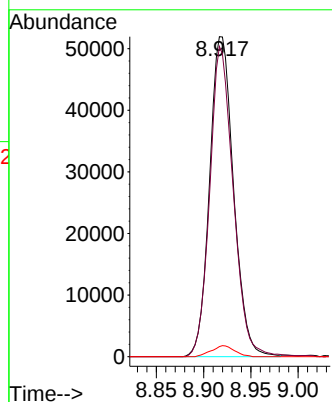
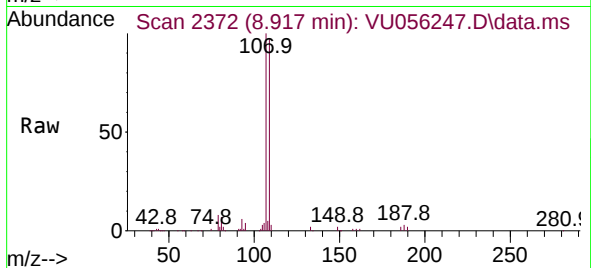
Tgt Ion:107 Resp: 91693

Ion Ratio Lower Upper

107 100

109 96.9 66.9 124.3

188 3.2 2.5 3.7



#51

Chlorobenzene

Concen: 4.843 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU056247.D

Acq: 12 Nov 2023 04:11

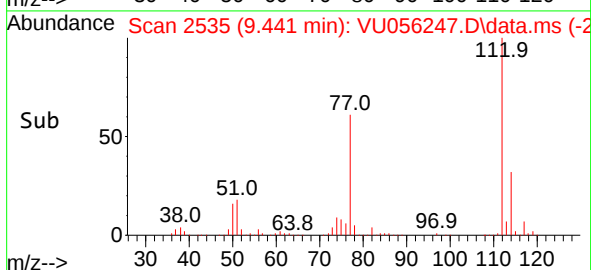
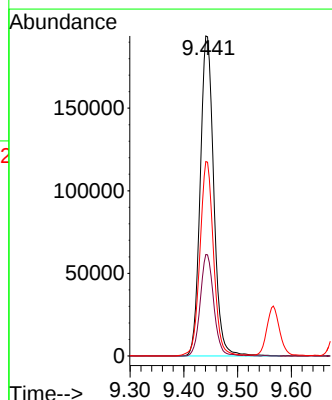
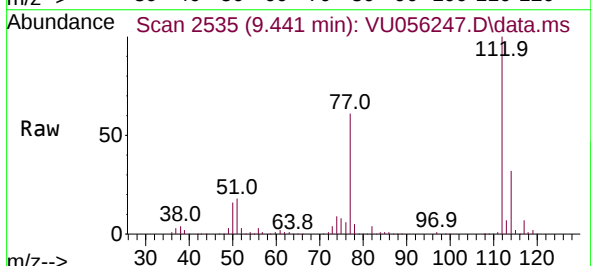
Tgt Ion:112 Resp: 339101

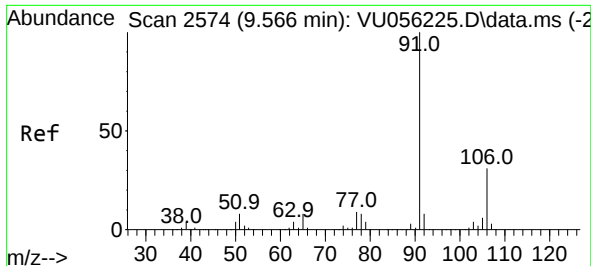
Ion Ratio Lower Upper

112 100

114 31.7 21.8 40.4

77 60.8 48.2 72.4

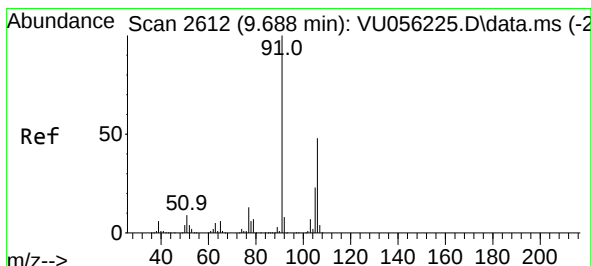
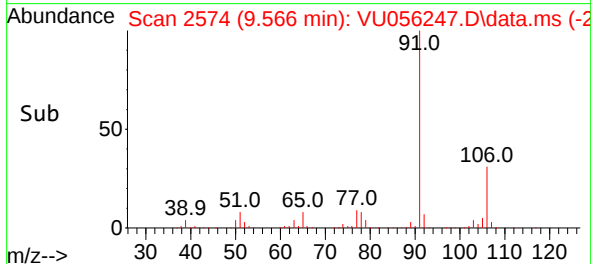
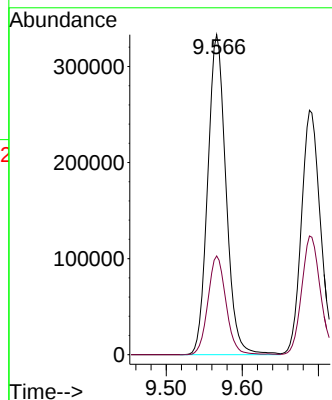
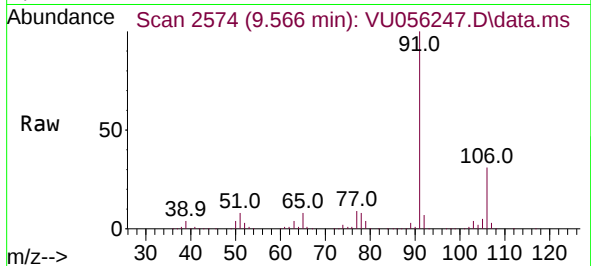




#52
Ethylbenzene
Concen: 4.696 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

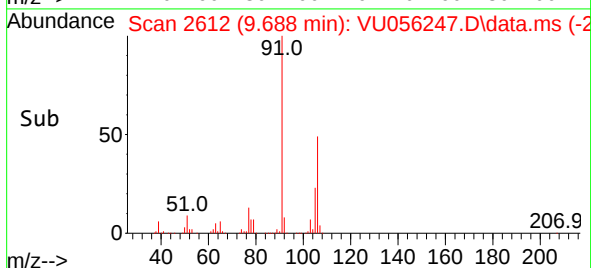
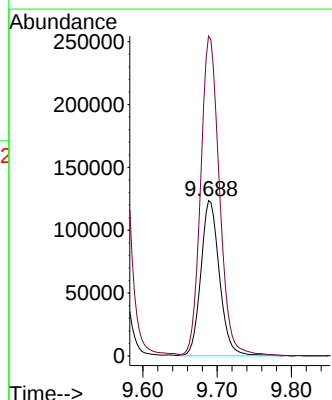
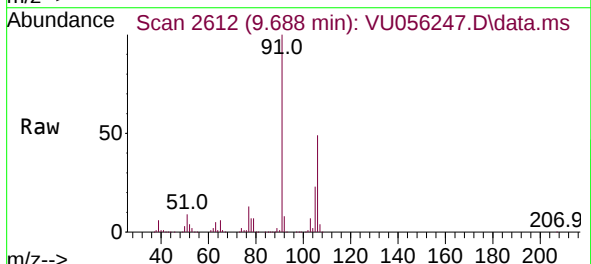
Instrument :
MSVOA_U
ClientSampleId :

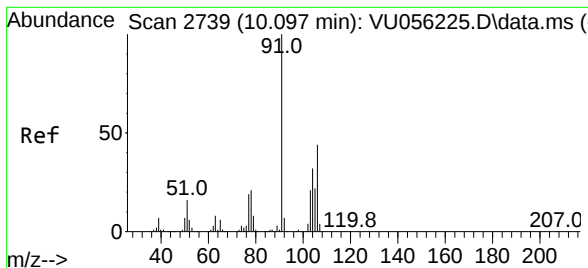
Tgt Ion: 91 Resp: 555386
Ion Ratio Lower Upper
91 100
106 30.9 21.2 39.4



#53
m,p-Xylene
Concen: 4.761 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

Tgt Ion: 106 Resp: 214155
Ion Ratio Lower Upper
106 100
91 206.0 144.9 269.1





#54

o-Xylene

Concen: 4.922 ug/L

RT: 10.097 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056247.D

Acq: 12 Nov 2023 04:11

Instrument :

MSVOA_U

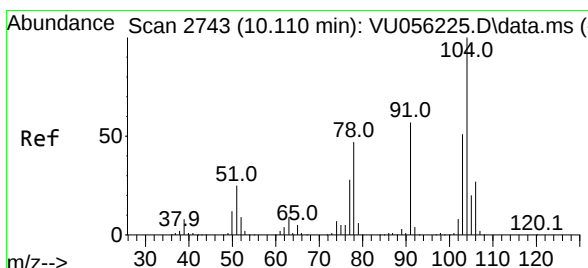
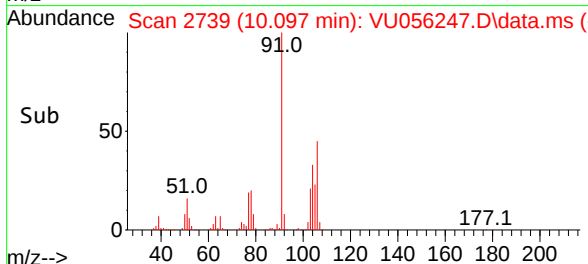
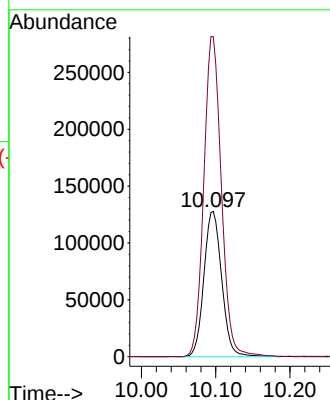
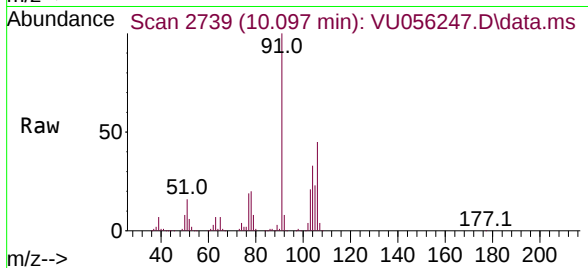
ClientSampleId :

Tgt Ion:106 Resp: 212246

Ion Ratio Lower Upper

106 100

91 220.3 158.2 293.8



#55

Styrene

Concen: 5.022 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU056247.D

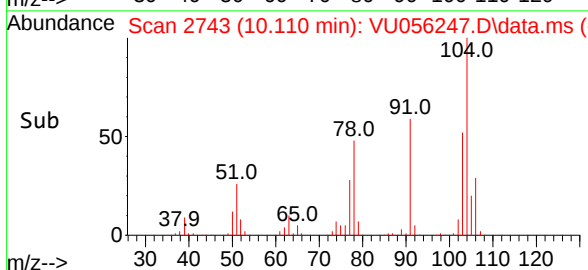
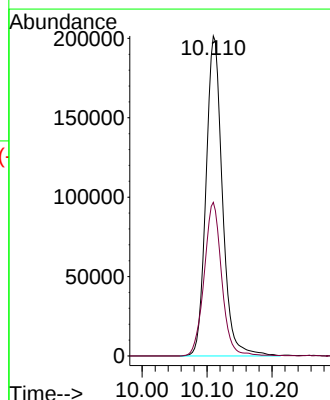
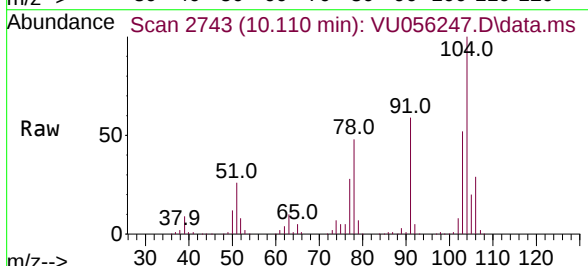
Acq: 12 Nov 2023 04:11

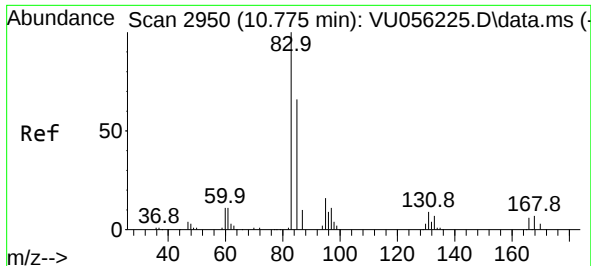
Tgt Ion:104 Resp: 354274

Ion Ratio Lower Upper

104 100

78 48.0 33.5 62.3

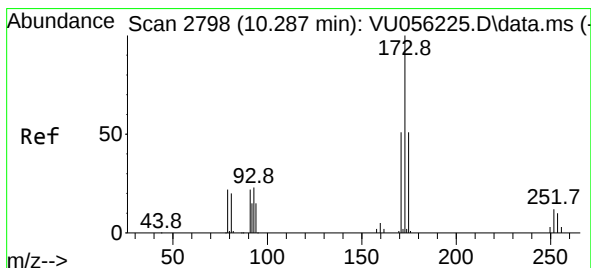
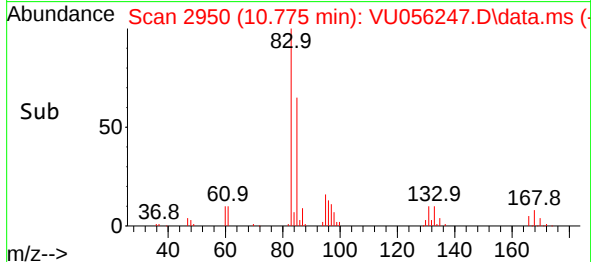
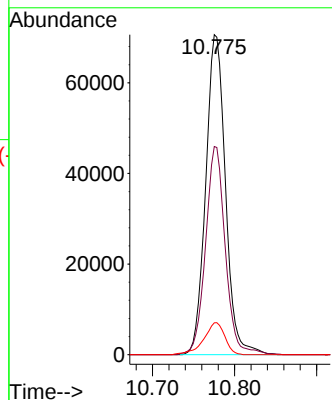
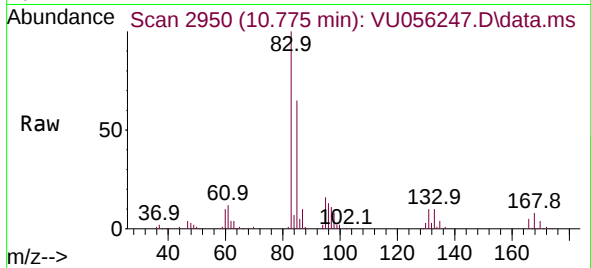




#57
1,1,2,2-Tetrachloroethane
Concen: 5.505 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

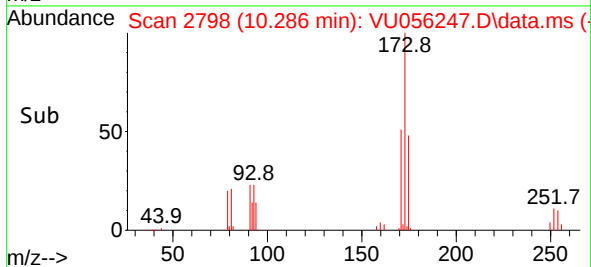
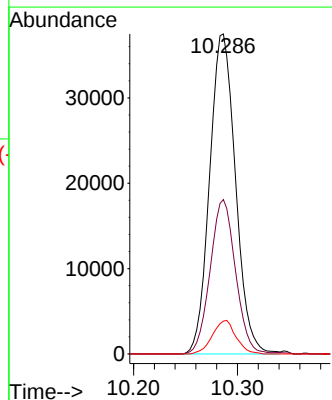
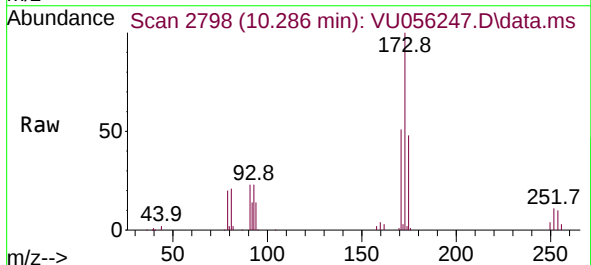
Instrument :
MSVOA_U
ClientSampleId :

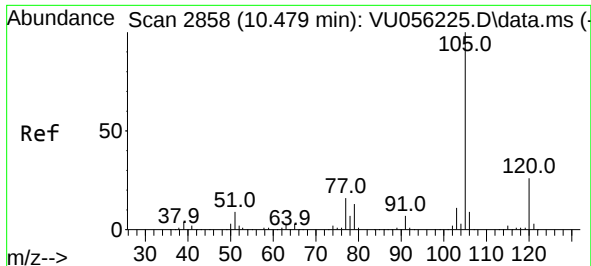
Tgt Ion: 83 Resp: 118398
Ion Ratio Lower Upper
83 100
85 65.1 44.0 81.8
131 9.9 7.4 11.2



#59
Bromoform
Concen: 5.208 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

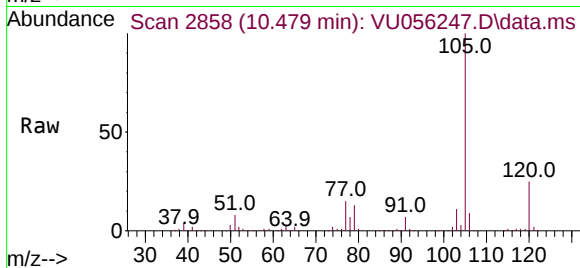
Tgt Ion:173 Resp: 64906
Ion Ratio Lower Upper
173 100
175 47.2 39.0 58.4
254 9.5 8.2 12.2



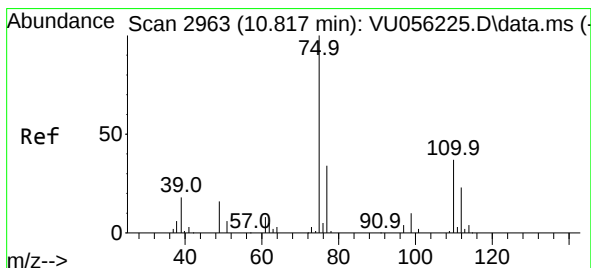
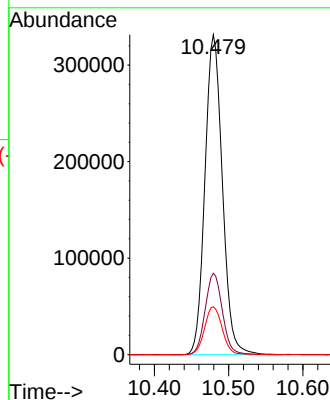
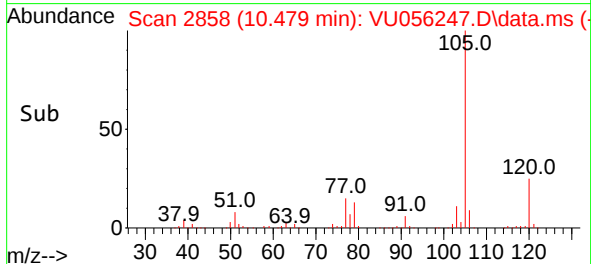


#60
Isopropylbenzene
Concen: 4.643 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

Instrument :
MSVOA_U
ClientSampleId :

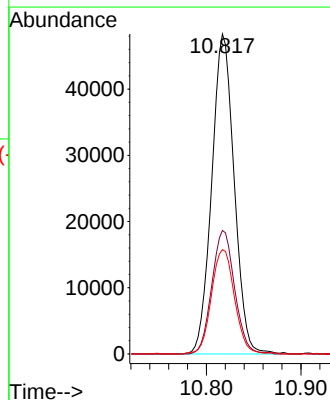
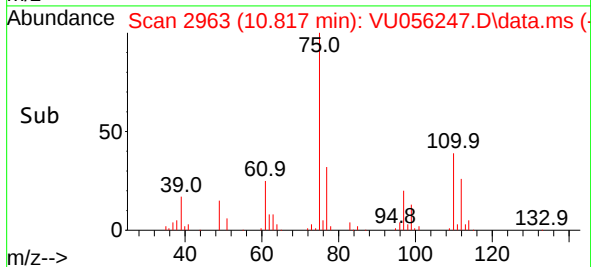
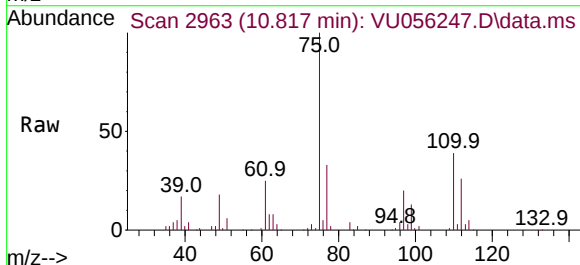


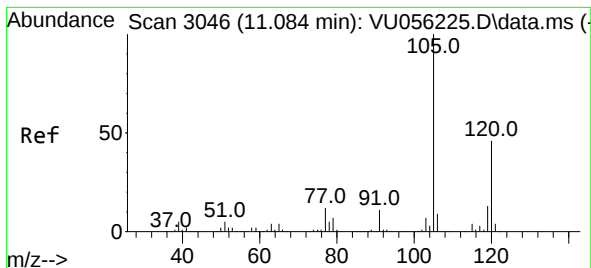
Tgt Ion:105 Resp: 540261
Ion Ratio Lower Upper
105 100
120 25.2 20.6 30.8
77 15.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.140 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

Tgt Ion: 75 Resp: 79615
Ion Ratio Lower Upper
75 100
110 39.2 29.7 44.5
77 33.6 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 4.646 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU056247.D

Acq: 12 Nov 2023 04:11

Instrument :

MSVOA_U

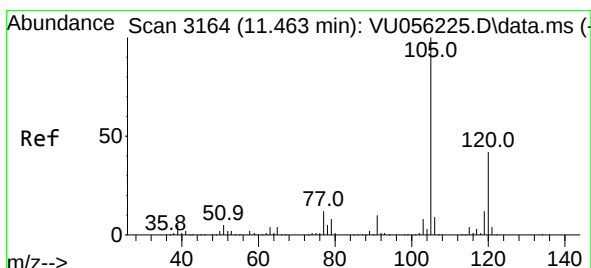
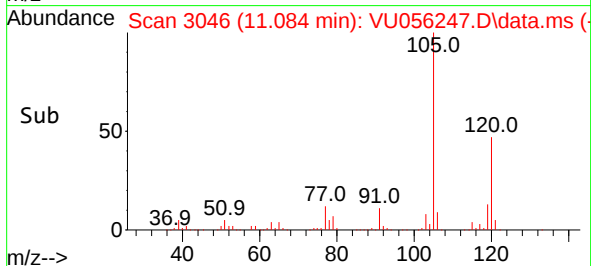
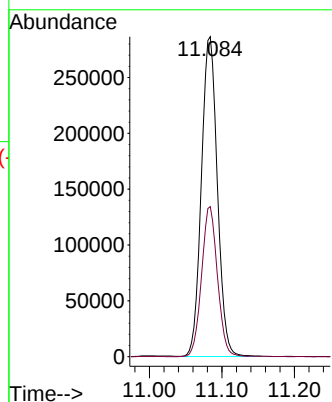
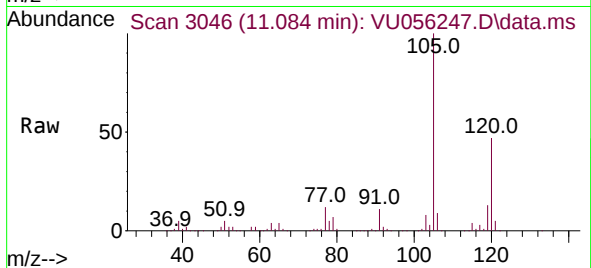
ClientSampleId :

Tgt Ion:105 Resp: 438352

Ion Ratio Lower Upper

105 100

120 46.6 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 4.851 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU056247.D

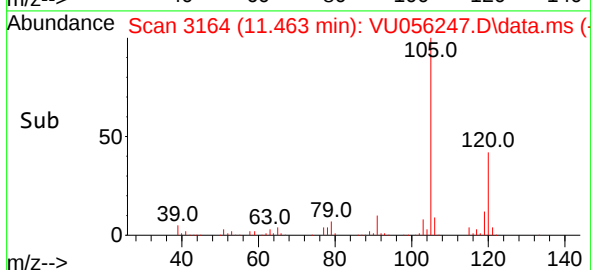
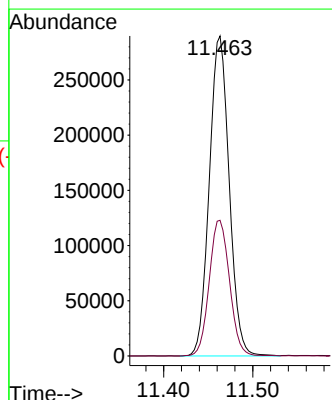
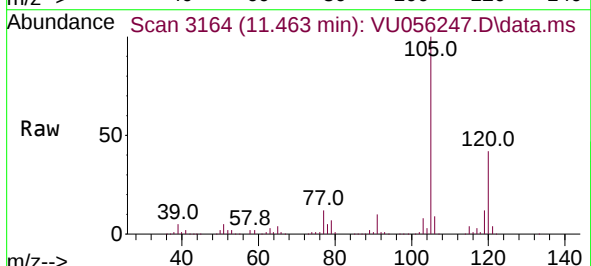
Acq: 12 Nov 2023 04:11

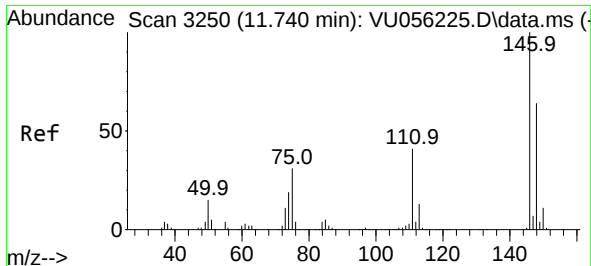
Tgt Ion:105 Resp: 449042

Ion Ratio Lower Upper

105 100

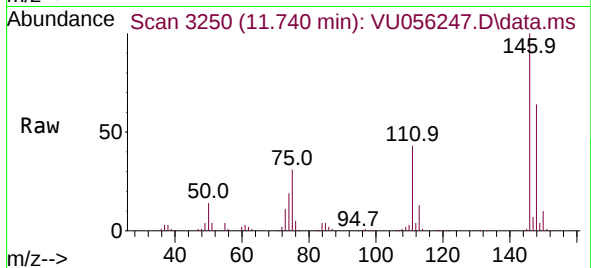
120 43.4 35.4 53.0



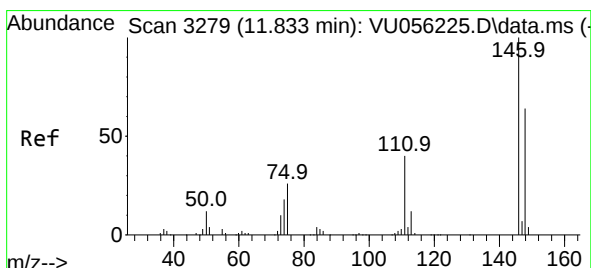
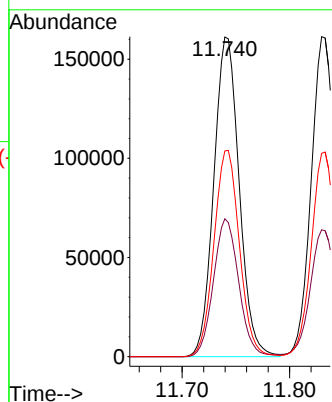
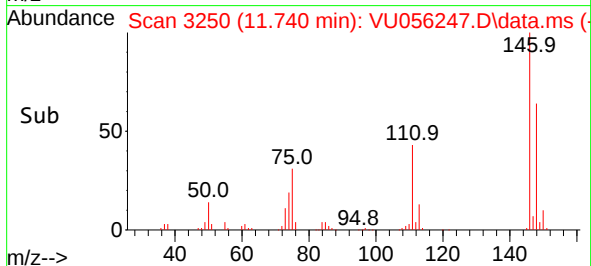


#64
1,3-Dichlorobenzene
Concen: 4.799 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

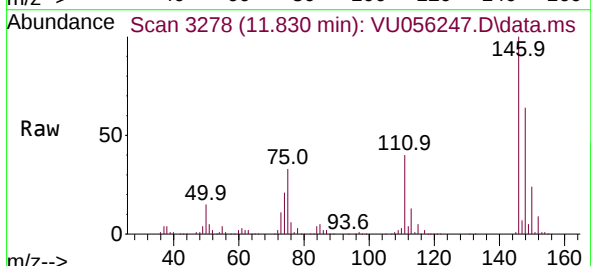
Instrument :
MSVOA_U
ClientSampleId :



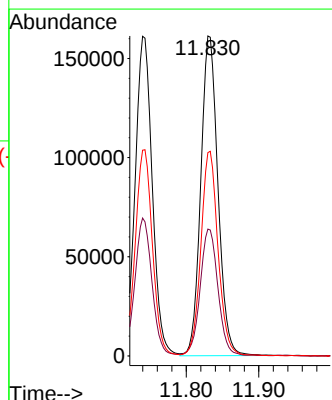
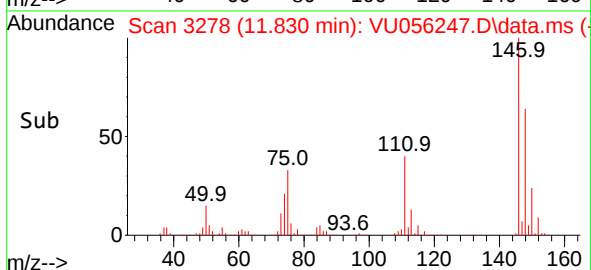
Tgt Ion:146 Resp: 264424
Ion Ratio Lower Upper
146 100
111 43.1 29.7 55.1
148 64.3 44.7 83.1

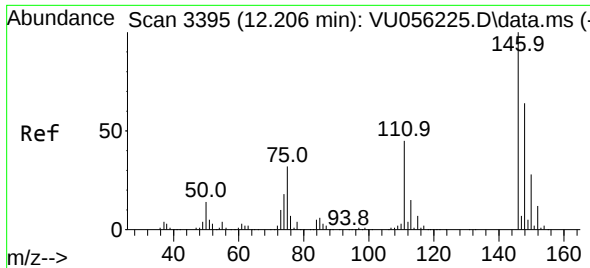


#65
1,4-Dichlorobenzene
Concen: 4.867 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11



Tgt Ion:146 Resp: 265208
Ion Ratio Lower Upper
146 100
111 39.7 29.0 53.8
148 63.6 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 4.891 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU056247.D

Acq: 12 Nov 2023 04:11

Instrument :

MSVOA_U

ClientSampleId :

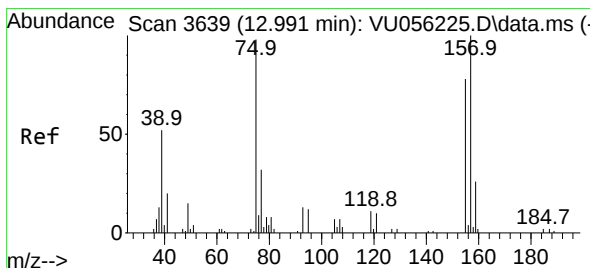
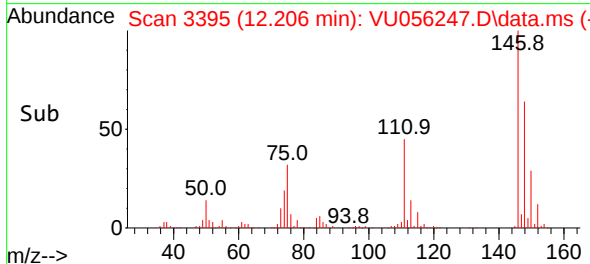
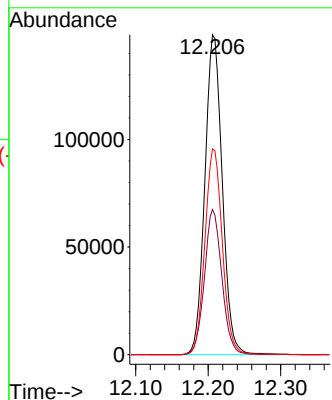
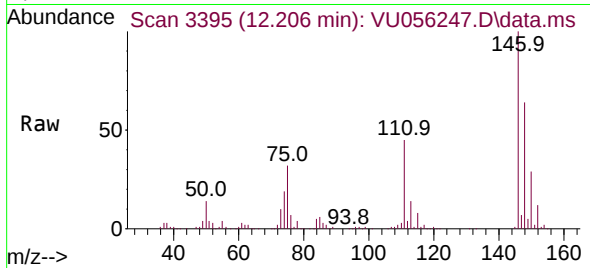
Tgt Ion:146 Resp: 248368

Ion Ratio Lower Upper

146 100

111 45.4 35.2 52.8

148 64.3 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.009 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU056247.D

Acq: 12 Nov 2023 04:11

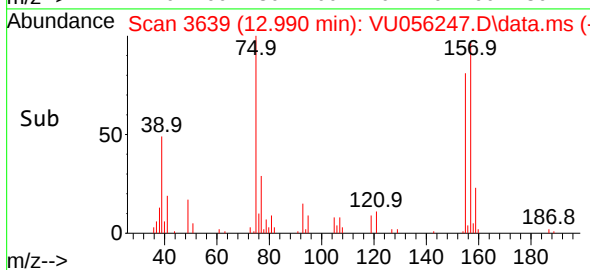
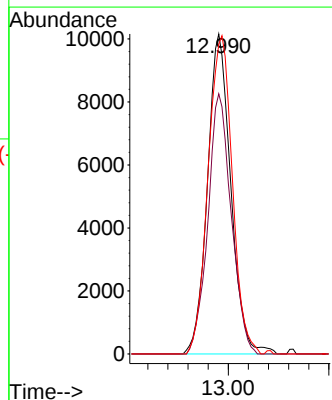
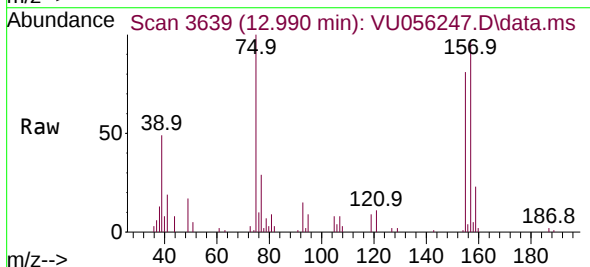
Tgt Ion: 75 Resp: 16368

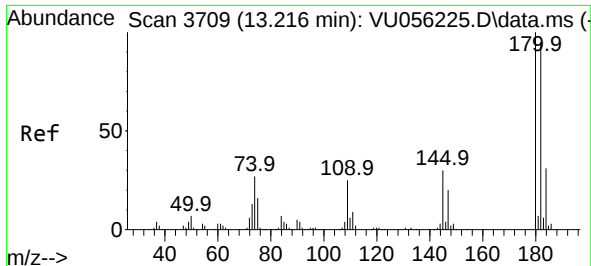
Ion Ratio Lower Upper

75 100

155 81.3 63.3 94.9

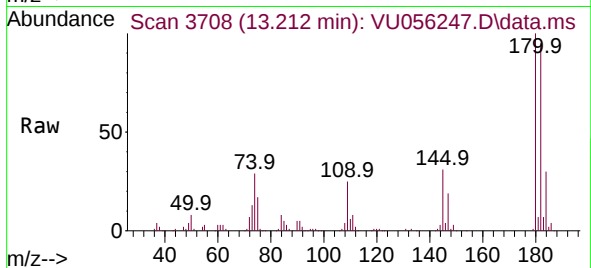
157 96.7 79.1 118.7



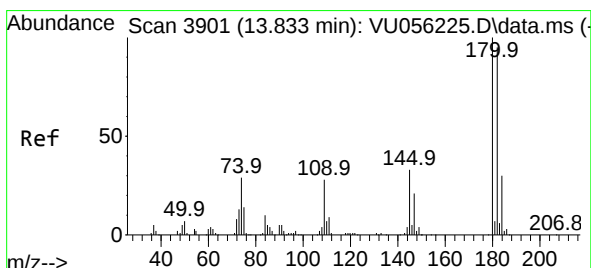
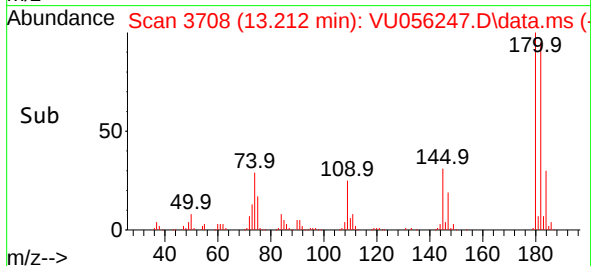
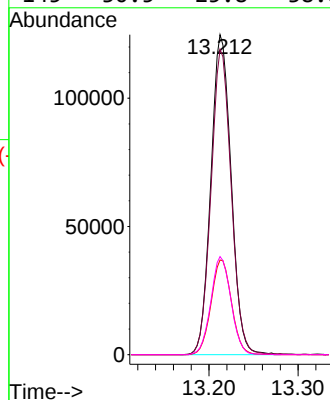


#69
 1,3,5-Trichlorobenzene
 Concen: 4.767 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU056247.D
 Acq: 12 Nov 2023 04:11

Instrument :
 MSVOA_U
 ClientSampleId :

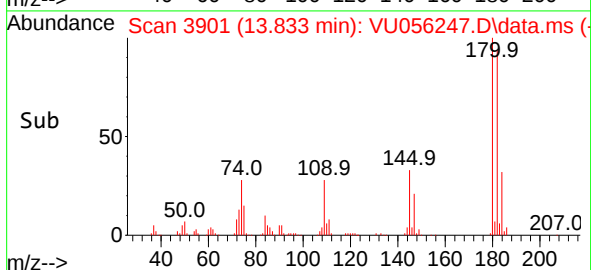
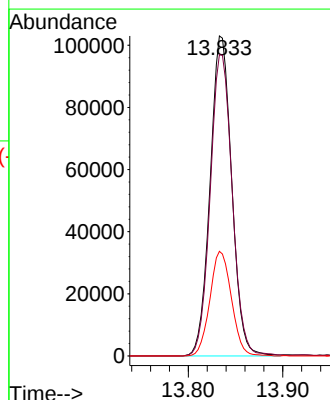
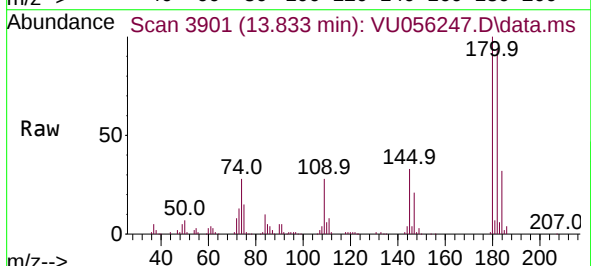


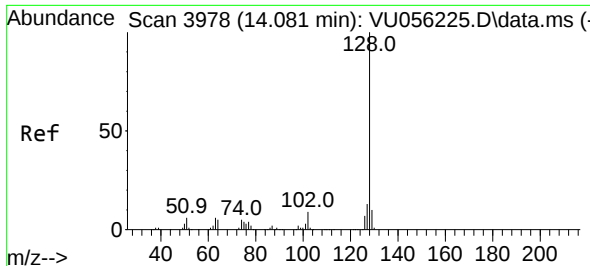
Tgt Ion:180 Resp: 196735
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.0 114.0
 184 29.9 24.0 36.0
 145 30.5 25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.994 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU056247.D
 Acq: 12 Nov 2023 04:11

Tgt Ion:180 Resp: 163529
 Ion Ratio Lower Upper
 180 100
 182 95.9 77.4 116.2
 145 32.6 25.9 38.9

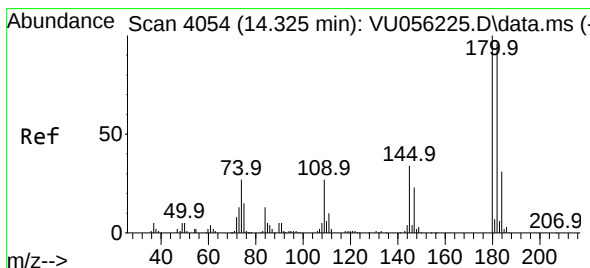
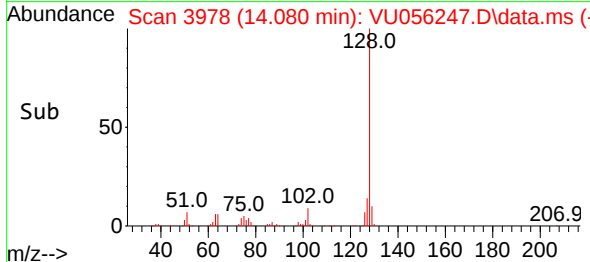
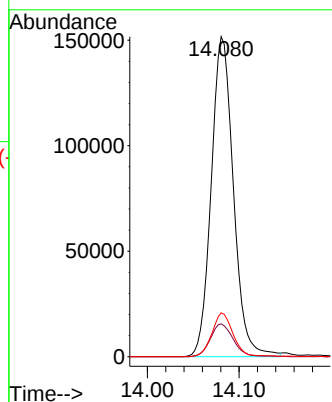
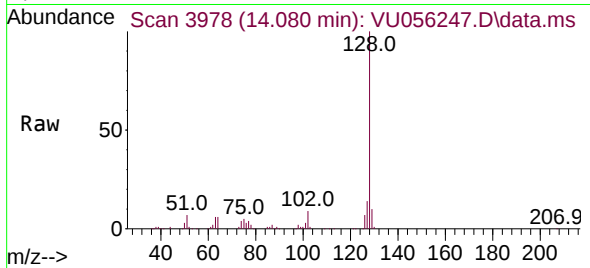




#71
Naphthalene
Concen: 5.245 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 254720
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 13.1 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 4.956 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU056247.D
Acq: 12 Nov 2023 04:11

Tgt Ion:180 Resp: 142279
Ion Ratio Lower Upper
180 100
182 97.7 76.6 115.0
145 34.2 28.0 42.0

