

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056224.D
 Acq On : 11 Nov 2023 18:05
 Operator : MD/SY
 Sample : 05339-22MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 20:24:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 20:19:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	385213	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	377322	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	190630	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	91880	3.843	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.911	69	79194	4.881	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.563	65	43829	4.161	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.624	46	283655	72.313	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	144.620%#
24) Chloroform-d	5.058	84	234296	5.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.698	65	108284	5.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
32) Benzene-d6	5.721	84	447706	4.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.685	67	139543	5.231	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.894	98	397338	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.174	79	50760	4.978	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.627	63	261379	78.207	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	156.420%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	116049	6.095	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.000%#
66) 1,2-Dichlorobenzene-d4	12.187	152	151751	5.162	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	155265	4.753	ug/L	99
3) Chloromethane	1.515	50	160118	5.232	ug/L	99
5) Vinyl chloride	1.602	62	153469	4.848	ug/L	98
6) Bromomethane	1.856	94	83968	4.618	ug/L	100
8) Chloroethane	1.930	64	85037	4.954	ug/L	99
9) Trichlorofluoromethane	2.132	101	212218	5.068	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	131972	4.947	ug/L	96
12) 1,1-Dichloroethene	2.576	96	126586	5.113	ug/L	96
13) Acetone	2.637	43	201563	69.676	ug/L	98
14) Carbon disulfide	2.788	76	406033	4.813	ug/L	99
15) Methyl Acetate	2.949	43	38080	4.665	ug/L	95
16) Methylene chloride	3.039	84	139579	4.916	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	292744	5.248	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	133555	5.090	ug/L	97
19) 1,1-Dichloroethane	3.862	63	243940	5.097	ug/L	97
21) 2-Butanone	4.705	43	264272	55.393	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	148747	5.252	ug/L	97
23) Bromochloromethane	4.968	128	64362	5.122	ug/L	95
25) Chloroform	5.081	83	278900	5.469	ug/L	98

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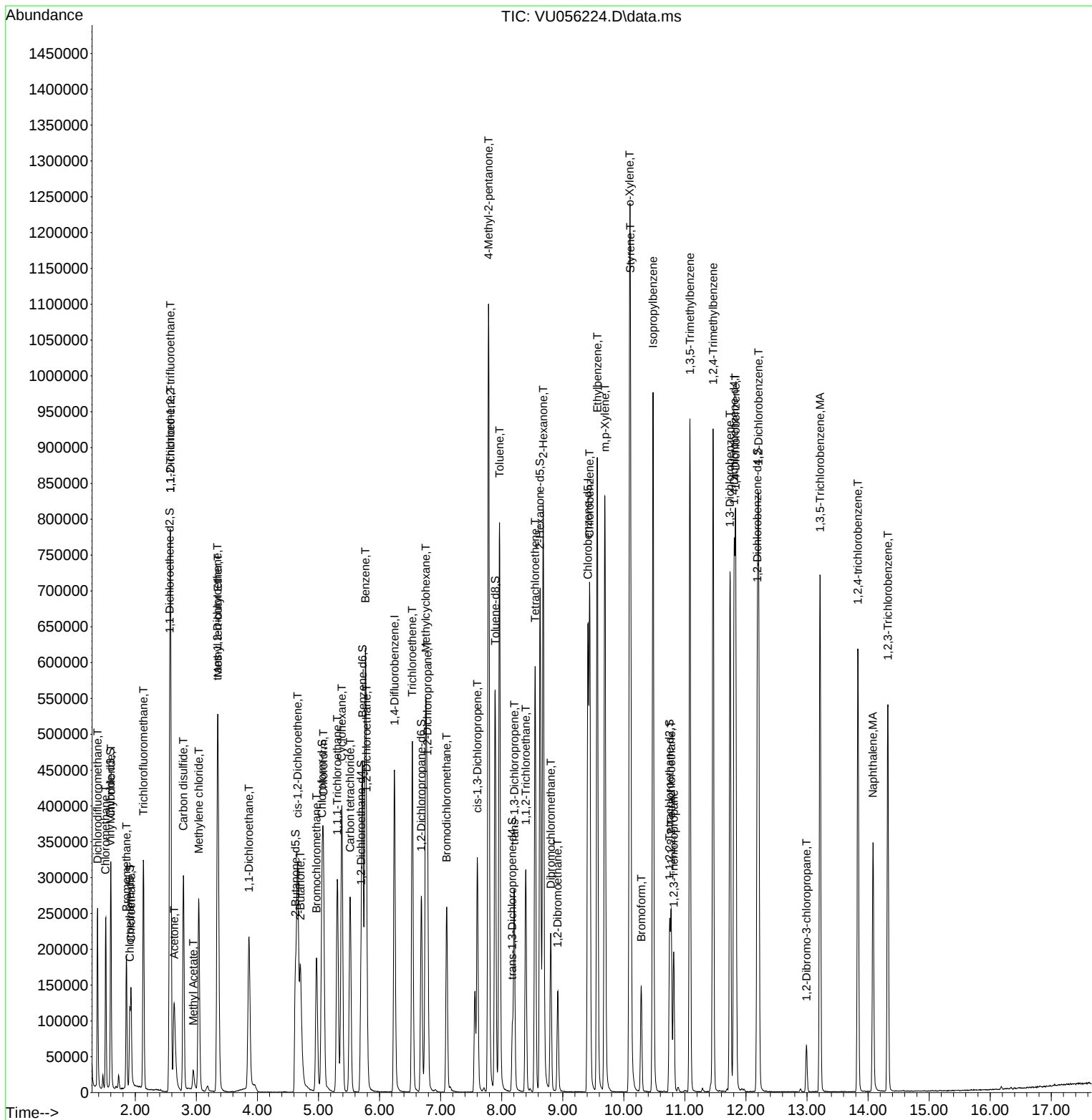
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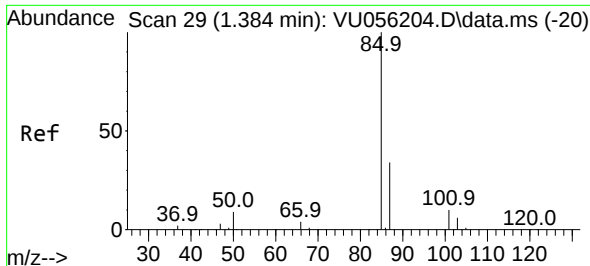
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 20:19:10 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	148602	5.149	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	225177	5.209	ug/L	99
30) Cyclohexane	5.383	56	202571	5.016	ug/L	98
31) Carbon tetrachloride	5.518	117	195963	5.105	ug/L	99
33) Benzene	5.769	78	566642	5.245	ug/L	100
34) Trichloroethene	6.537	95	174392	5.909	ug/L	97
35) Methylcyclohexane	6.759	83	214750	4.896	ug/L	99
37) 1,2-Dichloropropane	6.785	63	144545	5.145	ug/L	100
38) Bromodichloromethane	7.100	83	178916	5.099	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	205693	5.187	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	681494	55.454	ug/L	99
42) Toluene	7.965	91	604914	5.311	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	166854	5.197	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	100012	5.207	ug/L	96
47) Tetrachloroethene	8.550	164	137806	6.222	ug/L	98
48) 2-Hexanone	8.679	43	501086	56.002	ug/L	99
49) Dibromochloromethane	8.804	129	116217	5.273	ug/L	99
50) 1,2-Dibromoethane	8.917	107	93934	5.234	ug/L	98
51) Chlorobenzene	9.441	112	386376	5.258	ug/L	98
52) Ethylbenzene	9.566	91	655309	5.280	ug/L	97
53) m,p-Xylene	9.692	106	257744	5.460	ug/L	100
54) o-Xylene	10.097	106	241918	5.346	ug/L	96
55) Styrene	10.110	104	400422	5.409	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	123741	5.482	ug/L	98
59) Bromoform	10.286	173	67487	5.097	ug/L	100
60) Isopropylbenzene	10.479	105	656104	5.308	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	87109	5.294	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	529594	5.283	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	530291	5.393	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	314563	5.374	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	312645	5.401	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	288816	5.354	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	18001	5.186	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	232931	5.313	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	193159	5.553	ug/L	99
71) Naphthalene	14.081	128	287996	5.583	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	164734	5.402	ug/L	98

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

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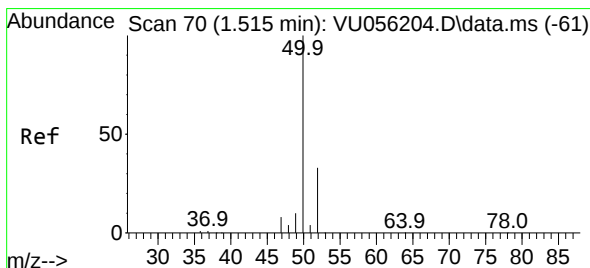
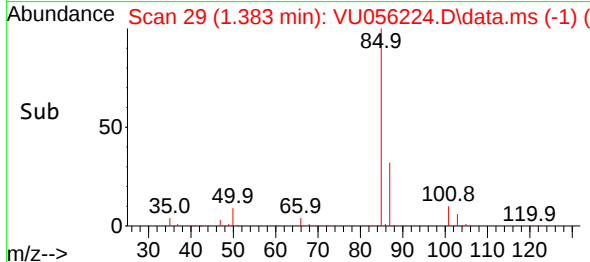
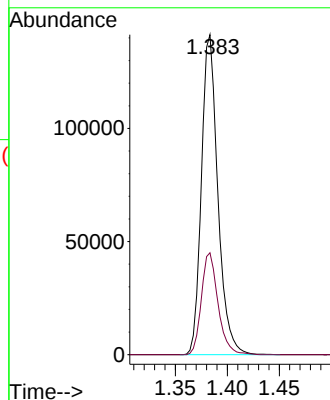
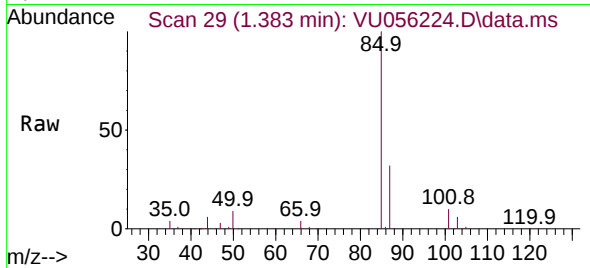




#2
Dichlorodifluoromethane
Concen: 4.753 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

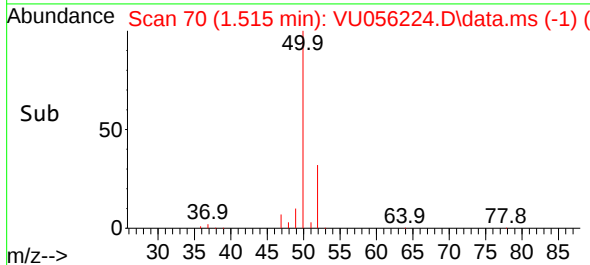
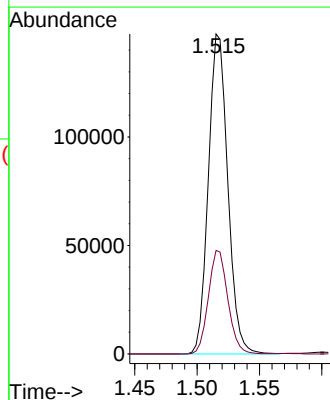
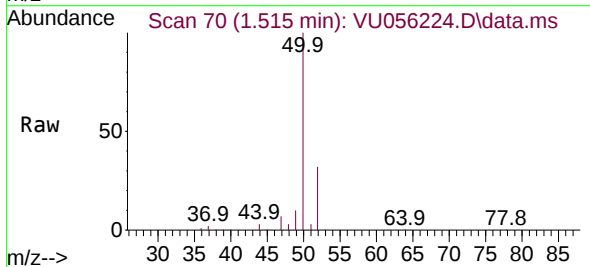
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MSVOA_U
ClientSampleId :

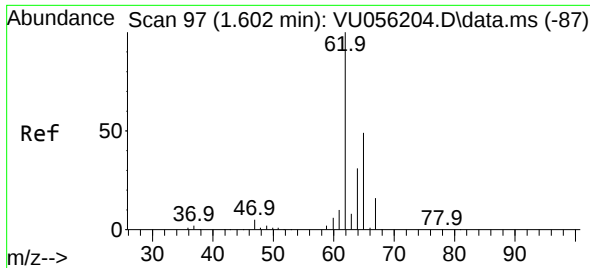
Tgt Ion: 85 Resp: 155265
Ion Ratio Lower Upper
85 100
87 32.2 26.4 39.6



#3
Chloromethane
Concen: 5.232 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

Tgt Ion: 50 Resp: 160118
Ion Ratio Lower Upper
50 100
52 32.4 22.2 41.2

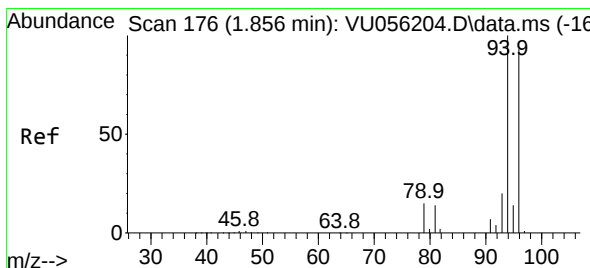
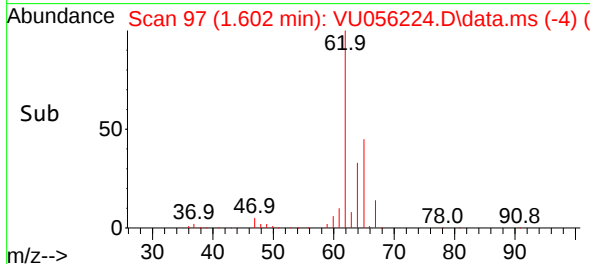
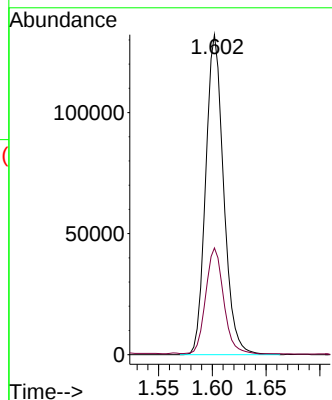
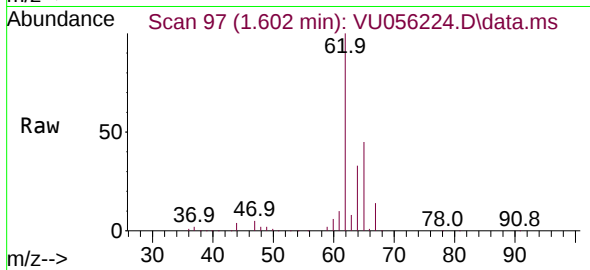




#5
 Vinyl chloride
 Concen: 4.848 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056224.D
 Acq: 11 Nov 2023 18:05

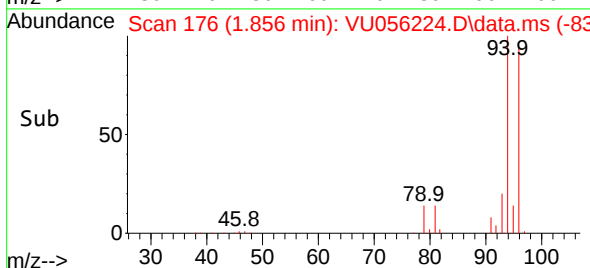
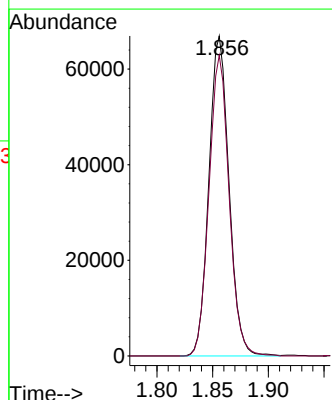
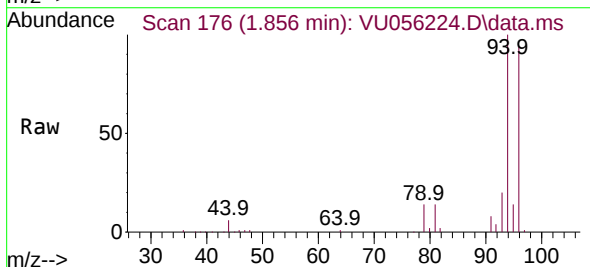
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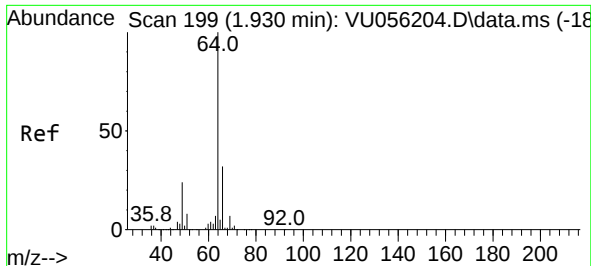
Tgt Ion: 62 Resp: 153469
 Ion Ratio Lower Upper
 62 100
 64 33.4 24.1 44.7



#6
 Bromomethane
 Concen: 4.618 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU056224.D
 Acq: 11 Nov 2023 18:05

Tgt Ion: 94 Resp: 83968
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.6 121.8





#8

Chloroethane

Concen: 4.954 ug/L

RT: 1.930 min Scan# 199

Delta R.T. -0.000 min

Lab File: VU056224.D

Acq: 11 Nov 2023 18:05

Instrument :

MSVOA_U

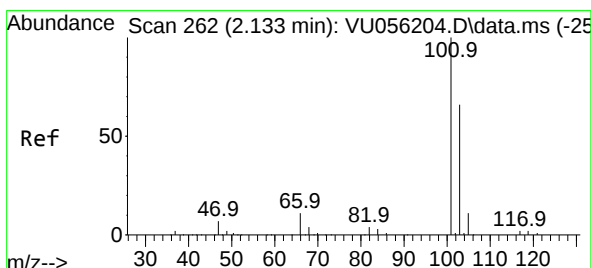
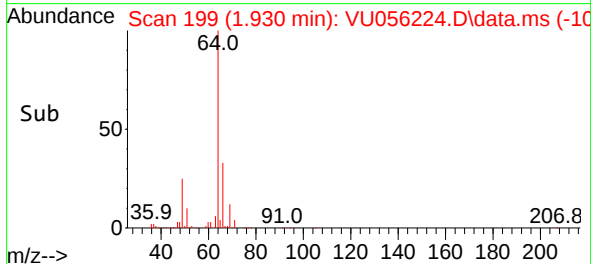
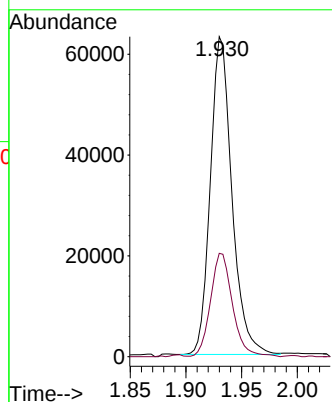
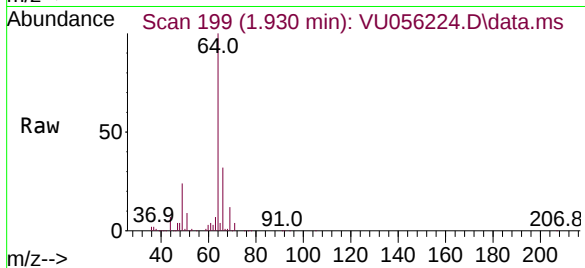
ClientSampleId :

Tgt Ion: 64 Resp: 85037

Ion Ratio Lower Upper

64 100

66 32.3 22.4 41.6



#9

Trichlorofluoromethane

Concen: 5.068 ug/L

RT: 2.132 min Scan# 262

Delta R.T. -0.000 min

Lab File: VU056224.D

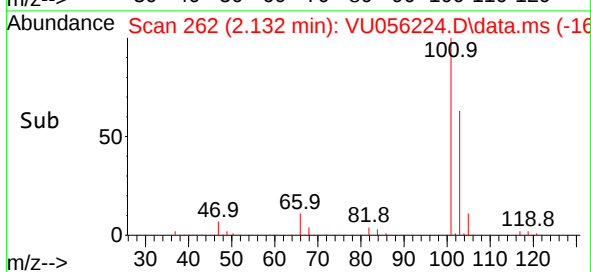
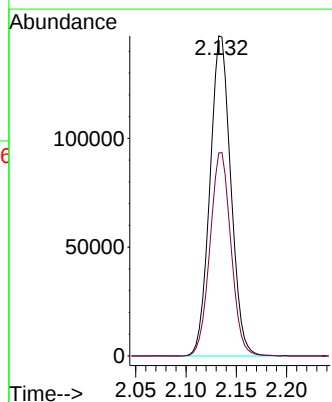
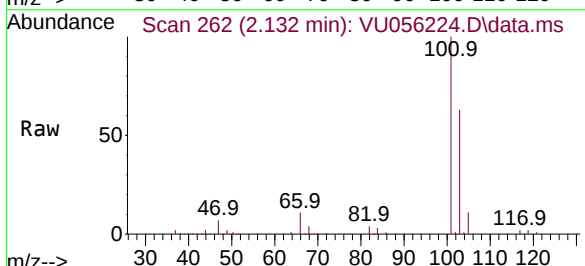
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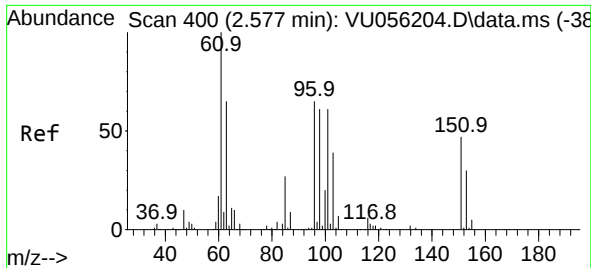
Tgt Ion: 101 Resp: 212218

Ion Ratio Lower Upper

101 100

103 63.9 51.8 77.6

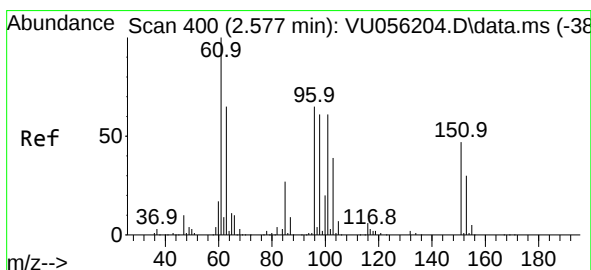
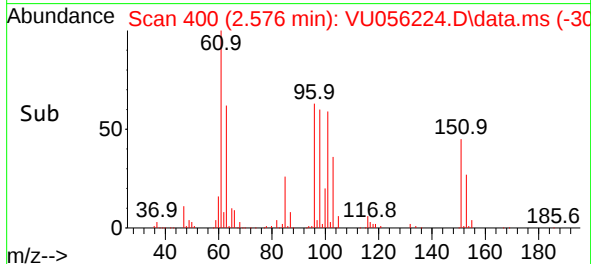
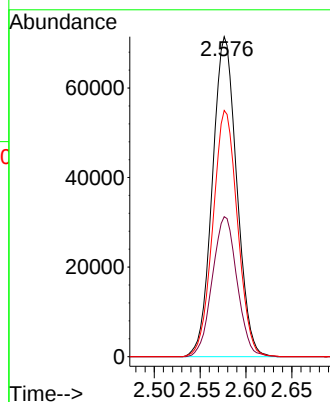
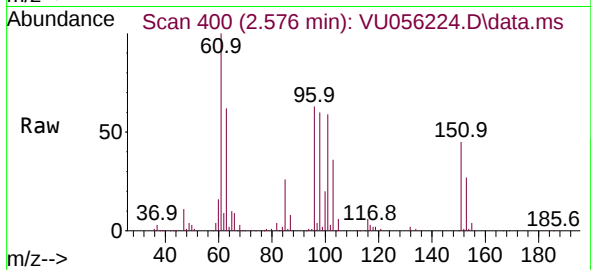




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.947 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

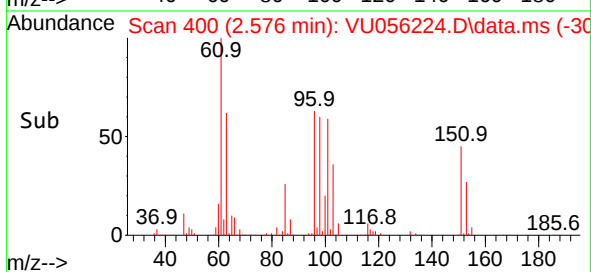
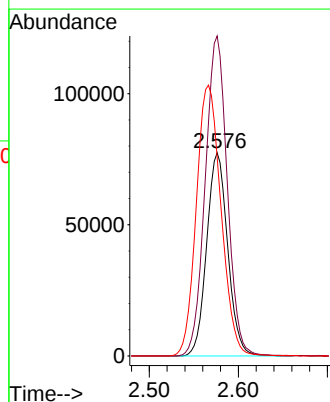
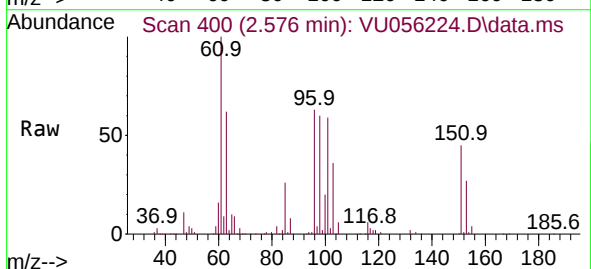
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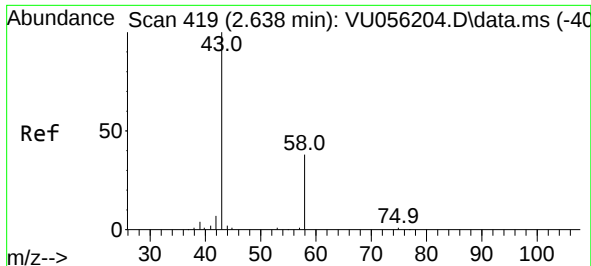
Tgt Ion:101 Resp: 131972
Ion Ratio Lower Upper
101 100
85 44.5 34.2 51.4
151 77.7 59.3 88.9



#12
1,1-Dichloroethene
Concen: 5.113 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

Tgt Ion: 96 Resp: 126586
Ion Ratio Lower Upper
96 100
61 157.5 111.7 207.5
63 97.9 74.5 138.3





#13

Acetone

Concen: 69.676 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.000 min

Lab File: VU056224.D

Acq: 11 Nov 2023 18:05

Instrument :

MSVOA_U

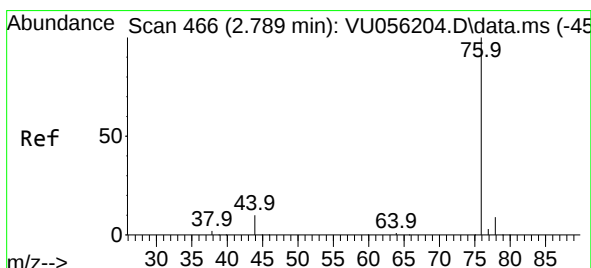
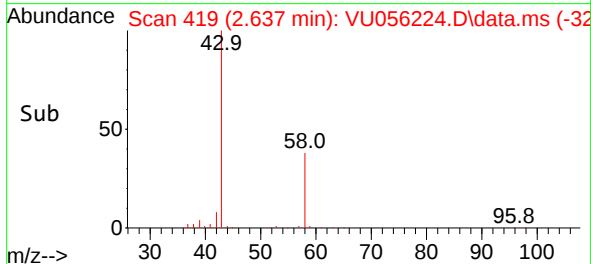
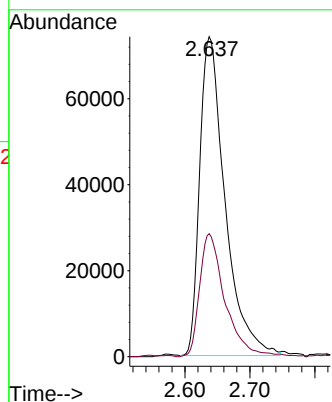
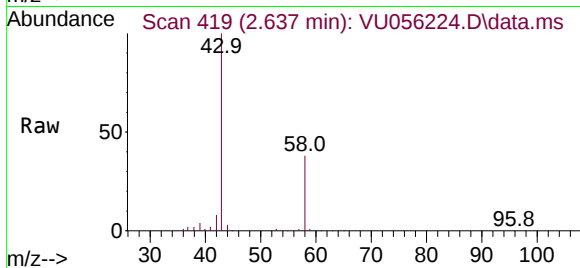
ClientSampleId :

Tgt Ion: 43 Resp: 201563

Ion Ratio Lower Upper

43 100

58 38.7 0.0 74.4



#14

Carbon disulfide

Concen: 4.813 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU056224.D

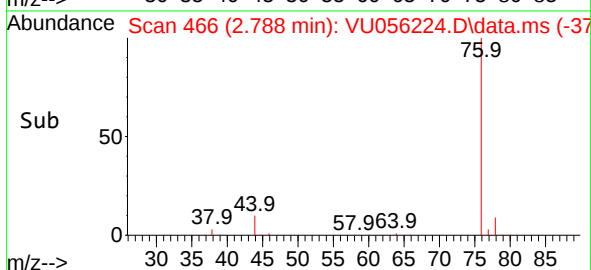
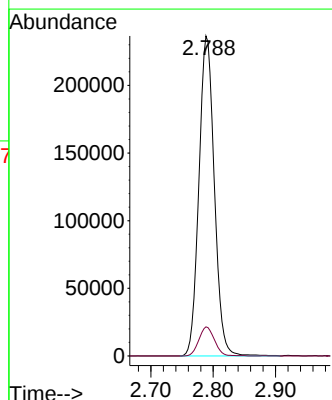
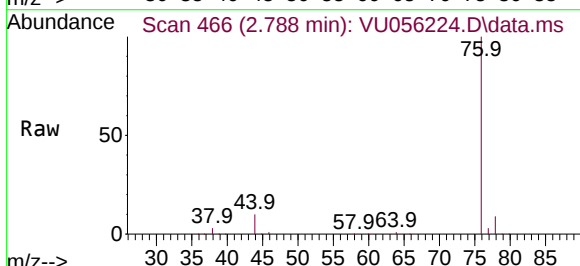
Acq: 11 Nov 2023 18:05

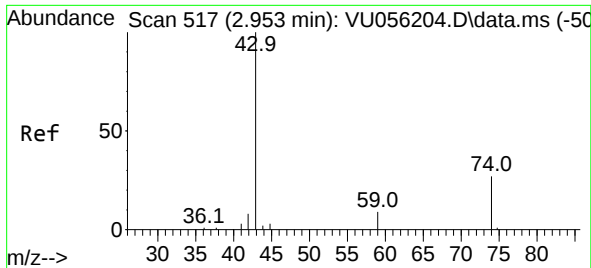
Tgt Ion: 76 Resp: 406033

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6

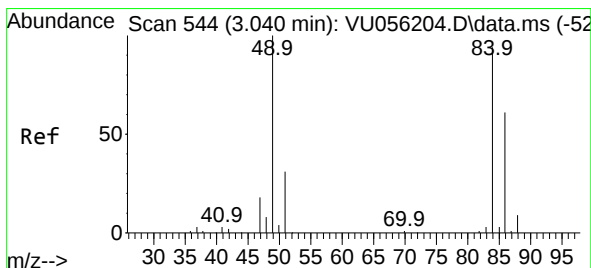
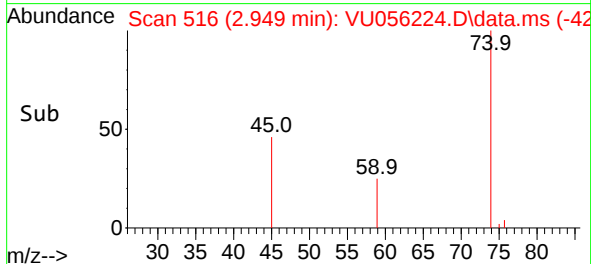
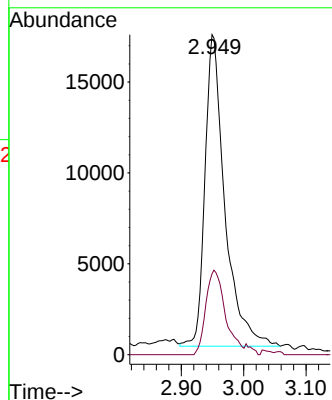
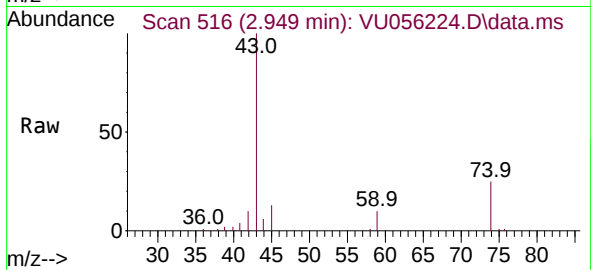




#15
Methyl Acetate
Concen: 4.665 ug/L
RT: 2.949 min Scan# 517
Delta R.T. -0.004 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

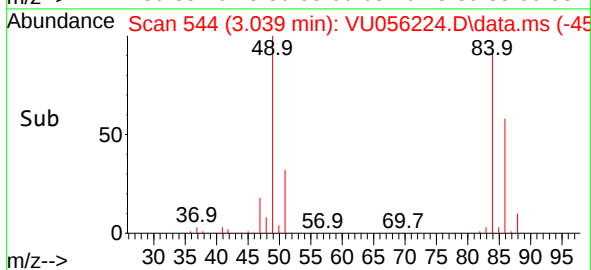
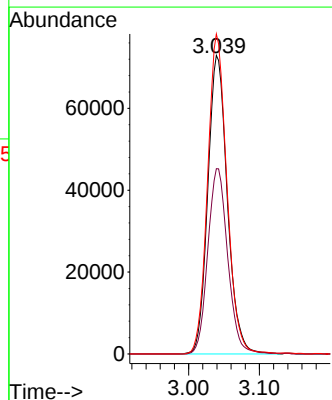
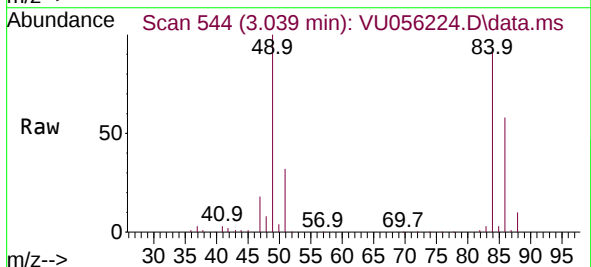
Instrument :
MSVOA_U
ClientSampleId :

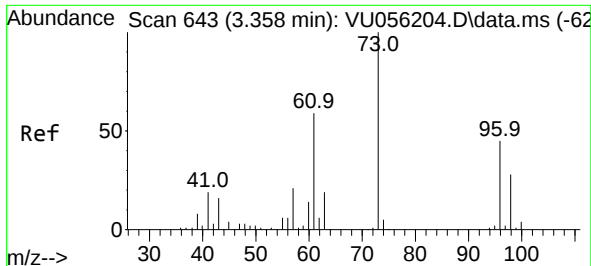
Tgt Ion: 43 Resp: 38080
Ion Ratio Lower Upper
43 100
74 26.6 23.3 34.9



#16
Methylene chloride
Concen: 4.916 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

Tgt Ion: 84 Resp: 139579
Ion Ratio Lower Upper
84 100
86 62.1 44.9 83.5
49 107.2 75.0 139.4

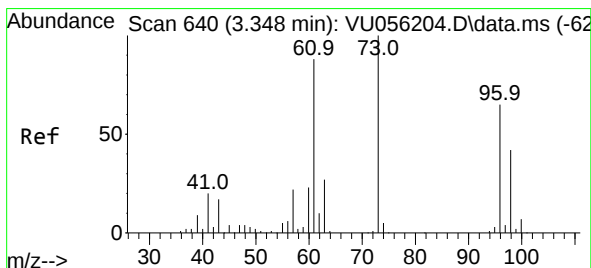
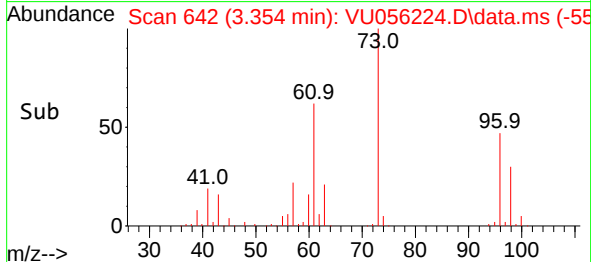
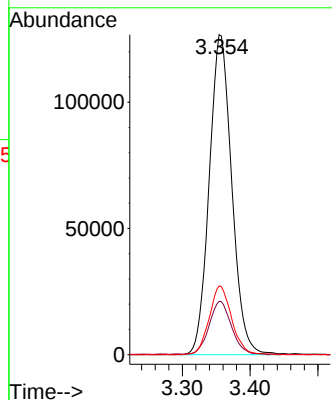
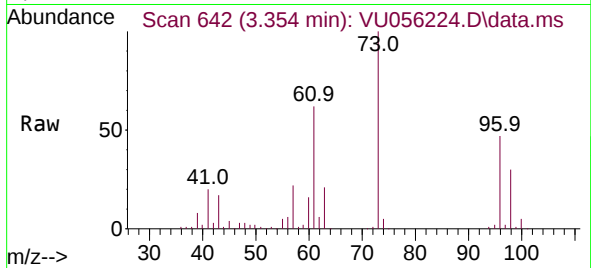




#17
Methyl tert-butyl Ether
Concen: 5.248 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.004 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

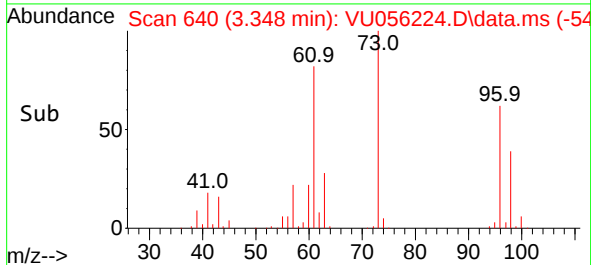
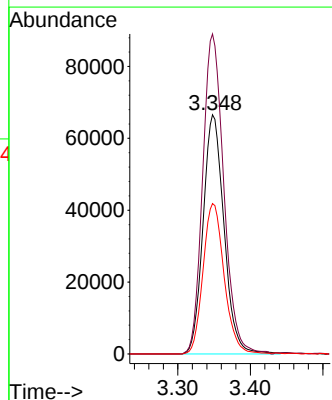
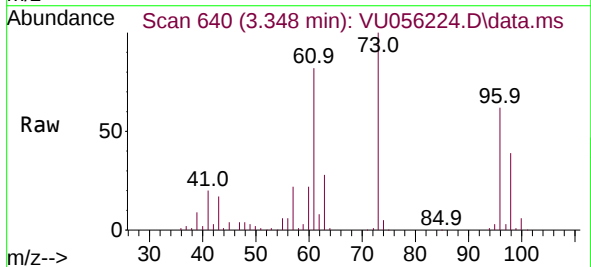
Instrument :
MSVOA_U
ClientSampleId :

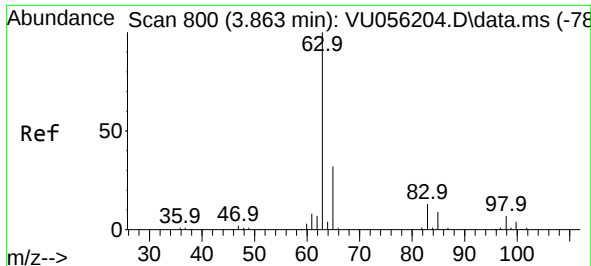
Tgt Ion: 73 Resp: 292744
Ion Ratio Lower Upper
73 100
43 16.2 13.6 20.4
57 21.4 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 5.090 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

Tgt Ion: 96 Resp: 133555
Ion Ratio Lower Upper
96 100
61 133.8 96.7 179.5
98 62.8 44.3 82.3





#19

1,1-Dichloroethane

Concen: 5.097 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU056224.D

Acq: 11 Nov 2023 18:05

Instrument :

MSVOA_U

ClientSampleId :

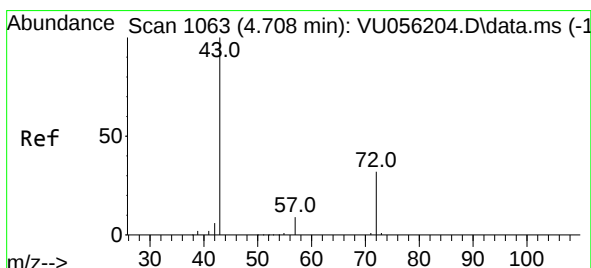
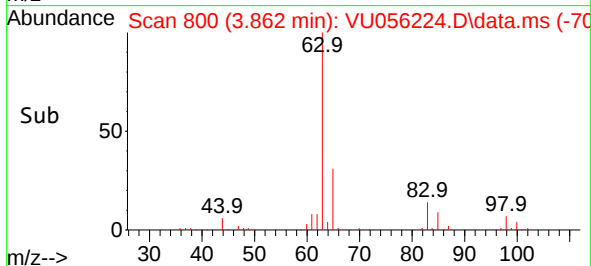
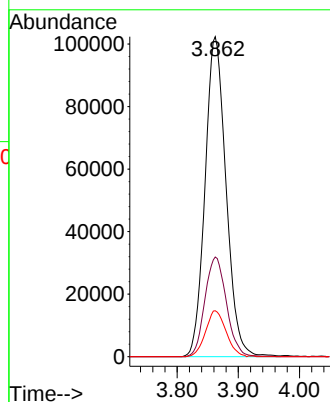
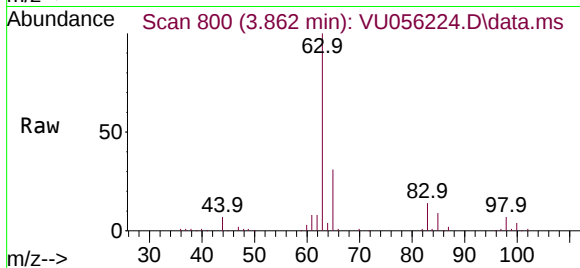
Tgt Ion: 63 Resp: 243940

Ion Ratio Lower Upper

63 100

65 31.1 20.6 38.2

83 14.4 9.6 17.8



#21

2-Butanone

Concen: 55.393 ug/L

RT: 4.705 min Scan# 1062

Delta R.T. -0.004 min

Lab File: VU056224.D

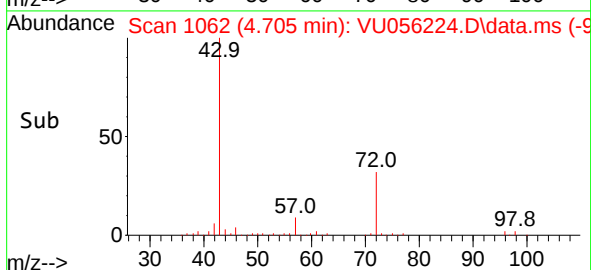
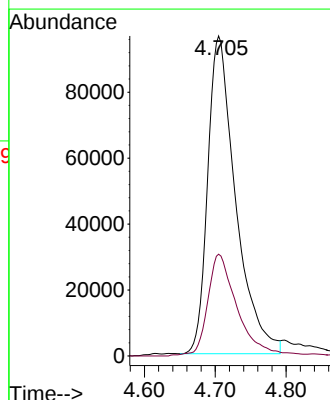
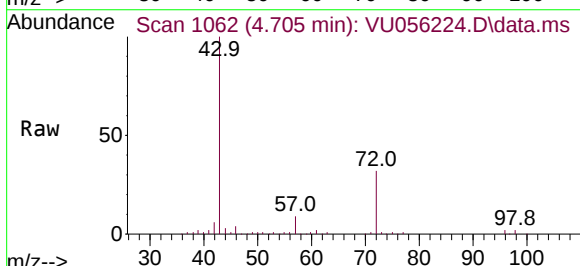
Acq: 11 Nov 2023 18:05

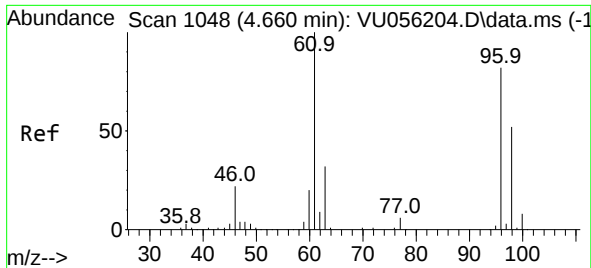
Tgt Ion: 43 Resp: 264272

Ion Ratio Lower Upper

43 100

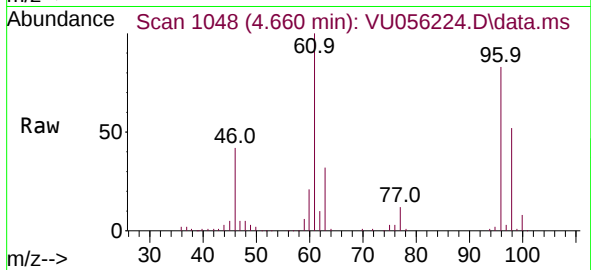
72 33.9 15.7 47.0



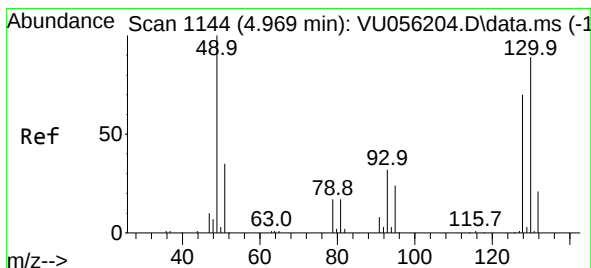
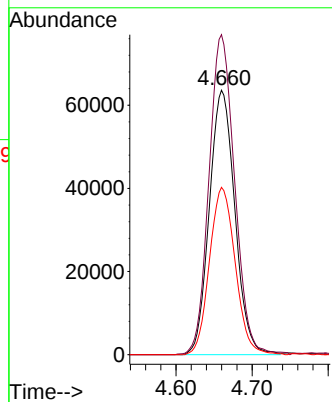
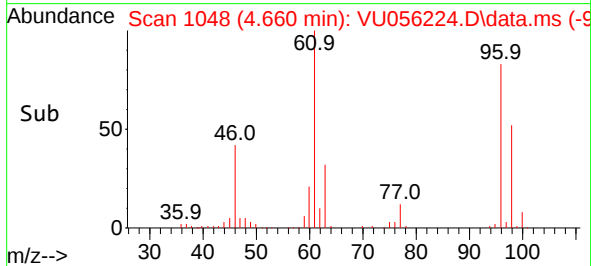


#22
 cis-1,2-Dichloroethene
 Concen: 5.252 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056224.D
 Acq: 11 Nov 2023 18:05

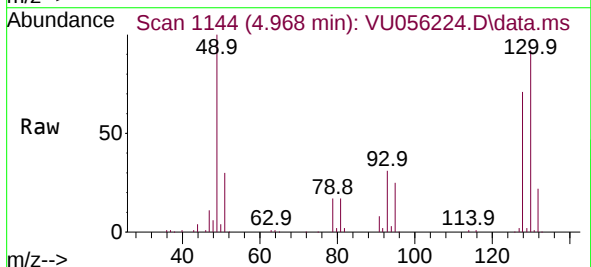
Instrument :
 MSVOA_U
 ClientSampleId :



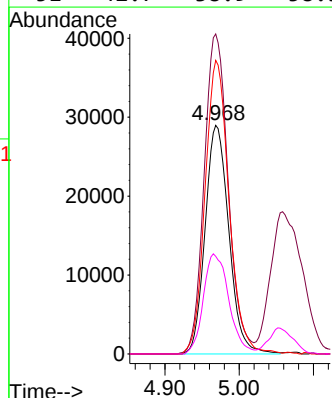
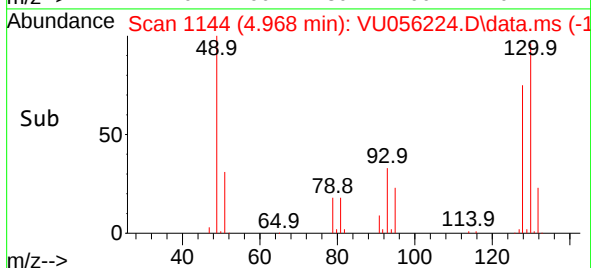
Tgt Ion: 96 Resp: 148747
 Ion Ratio Lower Upper
 96 100
 61 121.0 87.8 163.2
 98 63.3 43.5 80.7

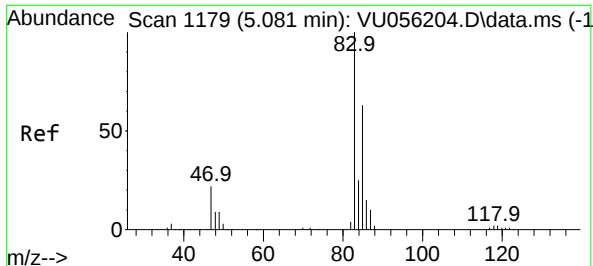


#23
 Bromochloromethane
 Concen: 5.122 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU056224.D
 Acq: 11 Nov 2023 18:05



Tgt Ion: 128 Resp: 64362
 Ion Ratio Lower Upper
 128 100
 49 140.0 103.7 192.7
 130 128.4 91.8 170.6
 51 42.7 38.9 58.3





#25

Chloroform

Concen: 5.469 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056224.D

Acq: 11 Nov 2023 18:05

Instrument :

MSVOA_U

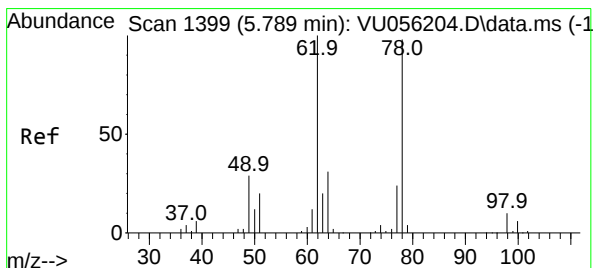
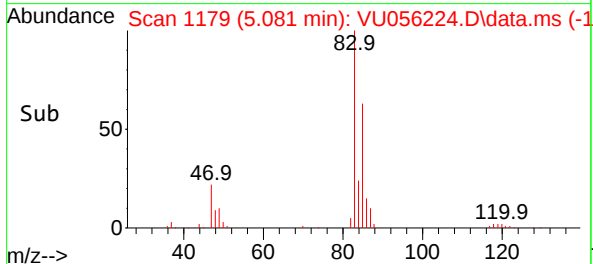
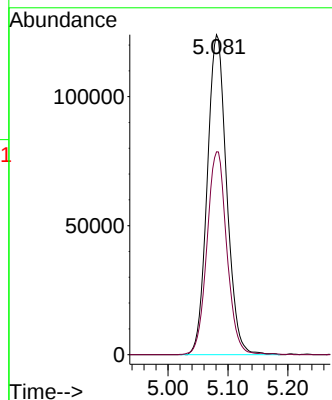
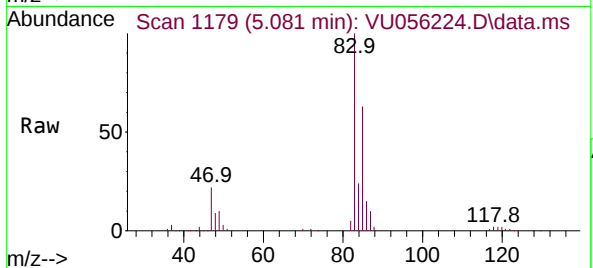
ClientSampleId :

Tgt Ion: 83 Resp: 278900

Ion Ratio Lower Upper

83 100

85 63.4 45.3 84.1



#27

1,2-Dichloroethane

Concen: 5.149 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU056224.D

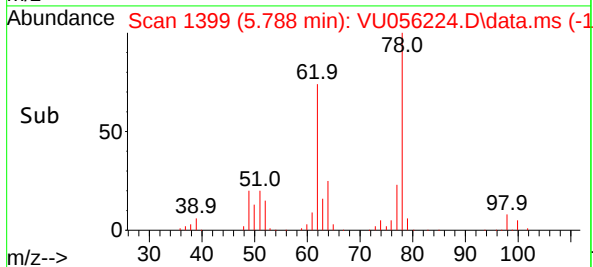
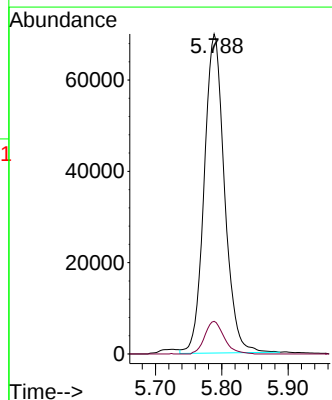
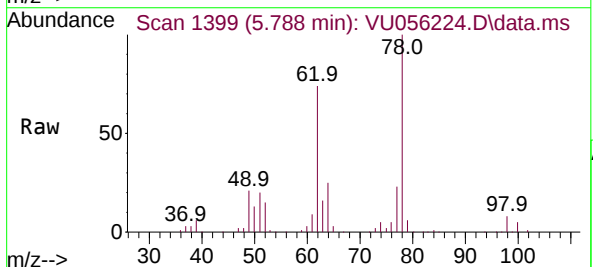
Acq: 11 Nov 2023 18:05

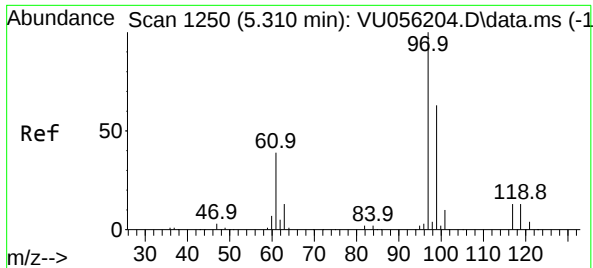
Tgt Ion: 62 Resp: 148602

Ion Ratio Lower Upper

62 100

98 10.2 7.1 10.7

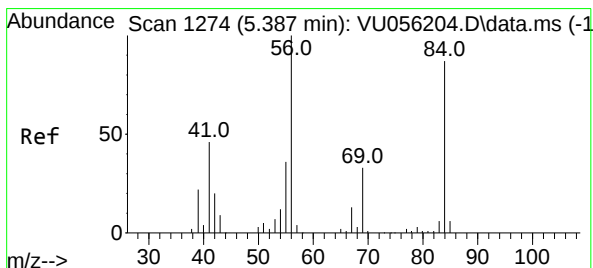
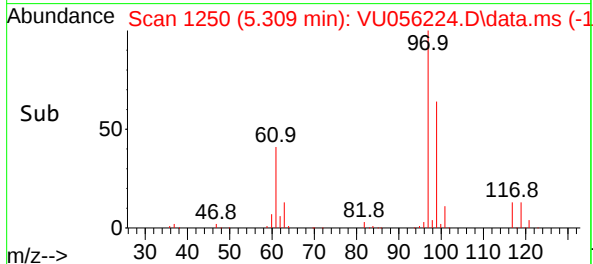
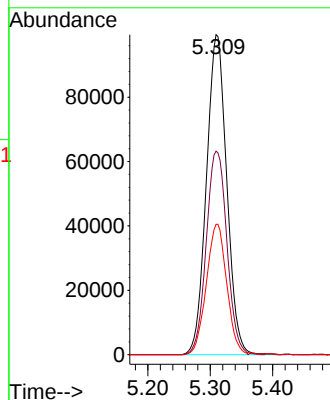
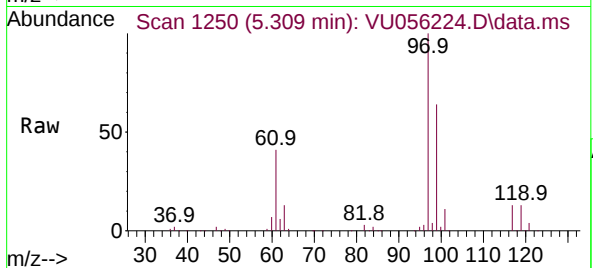




#29
1,1,1-Trichloroethane
Concen: 5.209 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

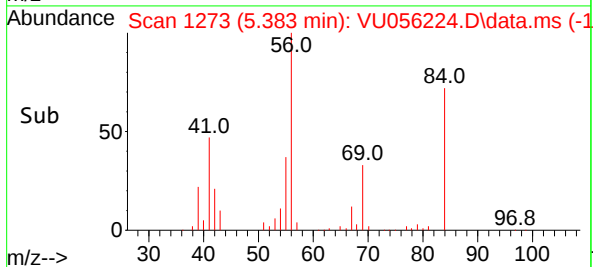
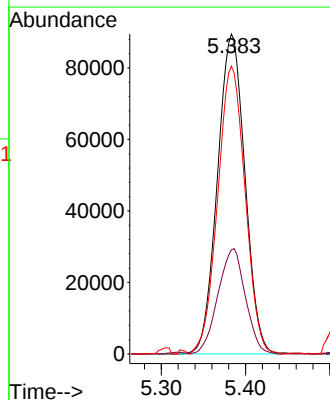
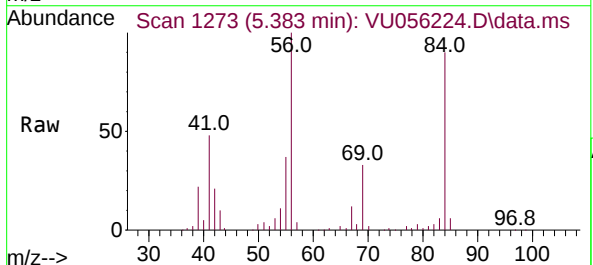
Instrument :
MSVOA_U
ClientSampleId :

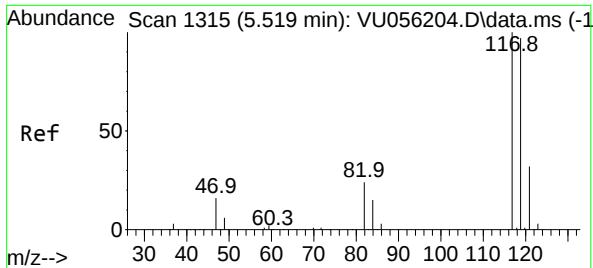
Tgt Ion:	97	Resp:	225177
Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.0	78.0
61	41.0	33.4	50.0



#30
Cyclohexane
Concen: 5.016 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.004 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

Tgt Ion:	56	Resp:	202571
Ion	Ratio	Lower	Upper
56	100		
69	32.8	26.6	39.8
84	89.7	70.4	105.6

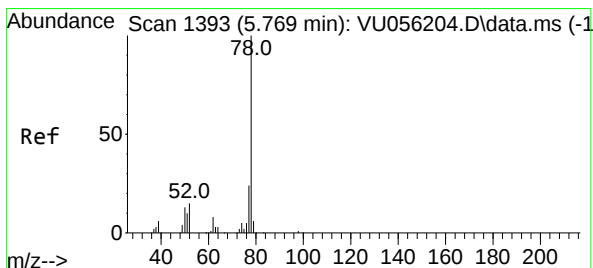
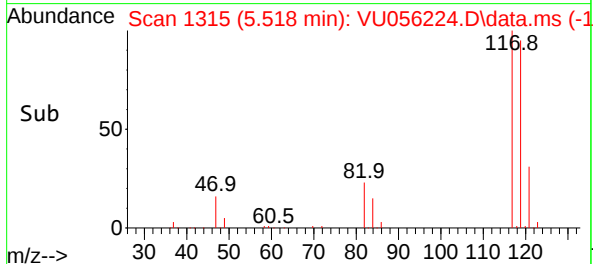
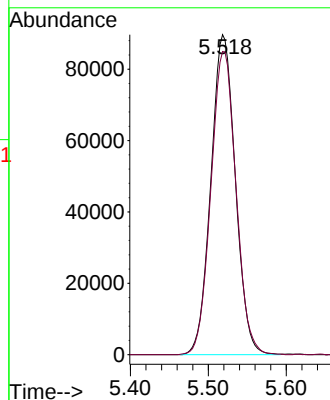
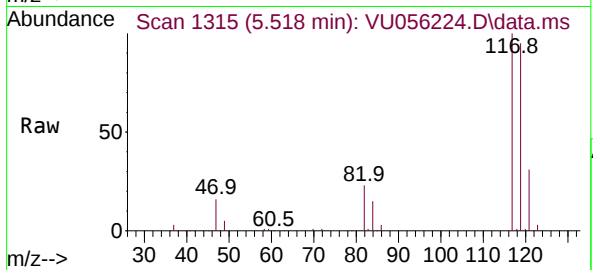




#31
Carbon tetrachloride
Concen: 5.105 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

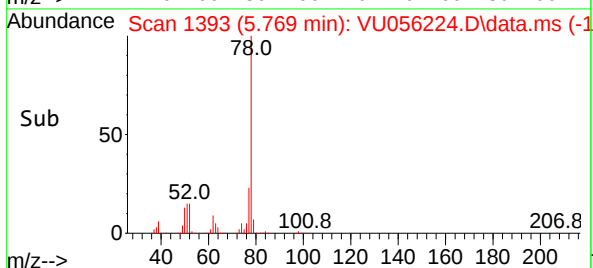
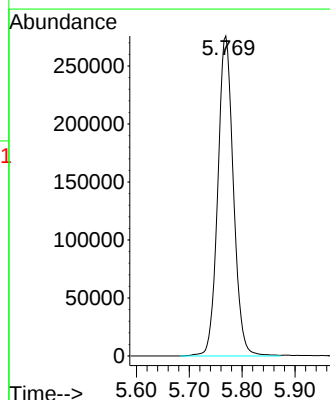
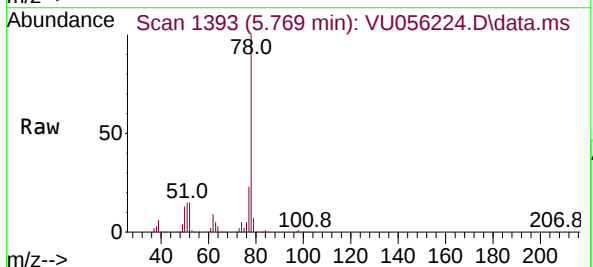
Instrument :
MSVOA_U
ClientSampleId :

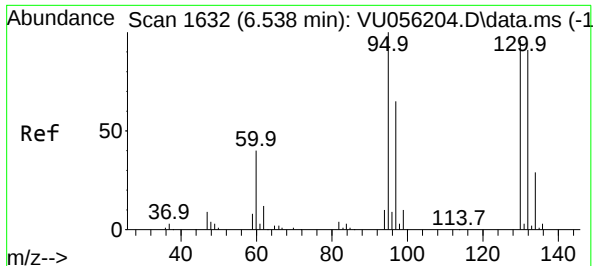
Tgt Ion:117 Resp: 195963
Ion Ratio Lower Upper
117 100
119 97.1 77.2 115.8



#33
Benzene
Concen: 5.245 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

Tgt Ion: 78 Resp: 566642

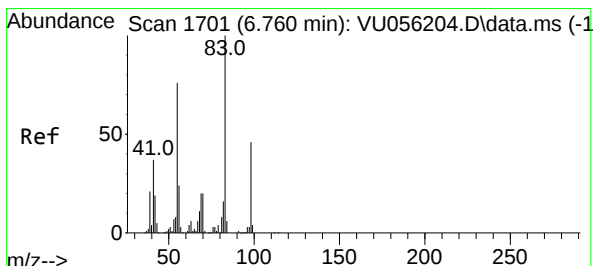
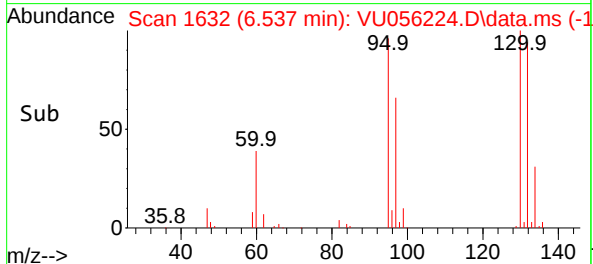
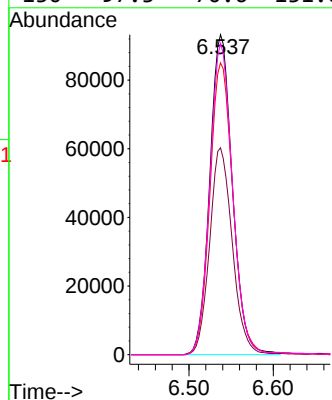
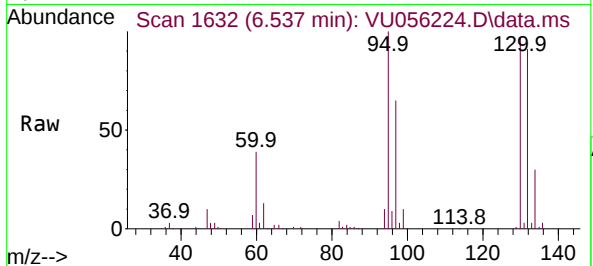




#34
Trichloroethene
Concen: 5.909 ug/L
RT: 6.537 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

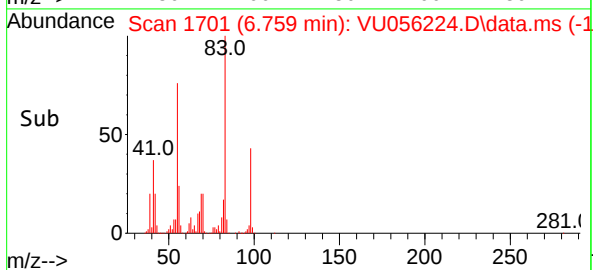
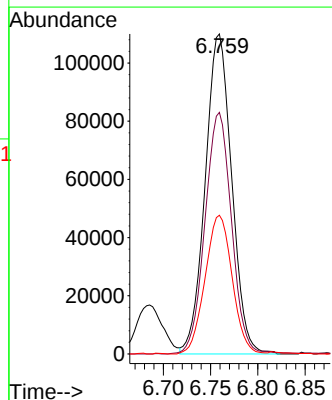
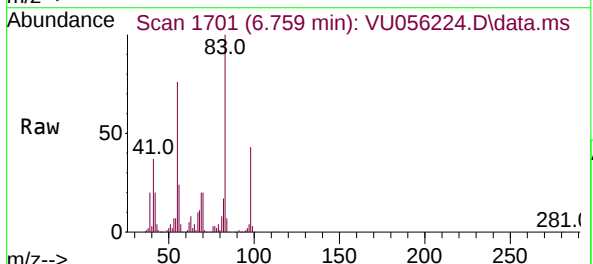
Instrument :
MSVOA_U
ClientSampleId :

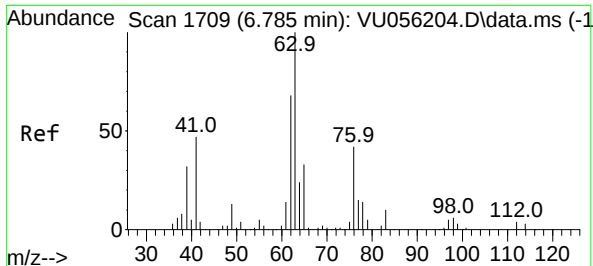
Tgt Ion: 95 Resp: 174392
Ion Ratio Lower Upper
95 100
97 64.6 46.8 87.0
132 91.2 66.5 123.5
130 97.3 70.6 131.0



#35
Methylcyclohexane
Concen: 4.896 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

Tgt Ion: 83 Resp: 214750
Ion Ratio Lower Upper
83 100
55 75.6 60.6 91.0
98 44.2 36.2 54.4





#37

1,2-Dichloropropane

Concen: 5.145 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056224.D

Acq: 11 Nov 2023 18:05

Instrument :

MSVOA_U

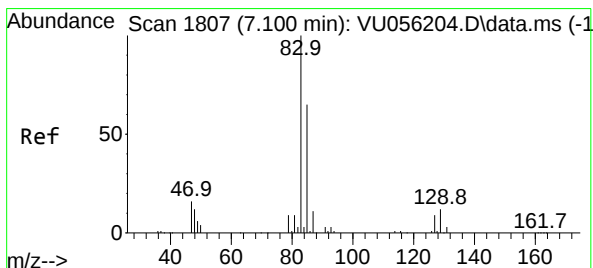
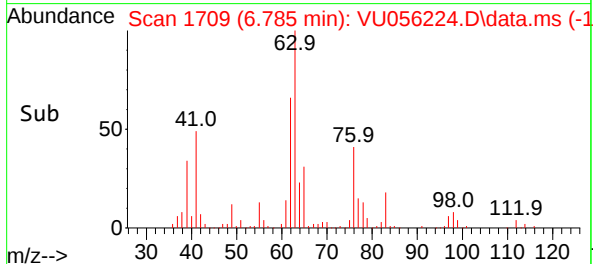
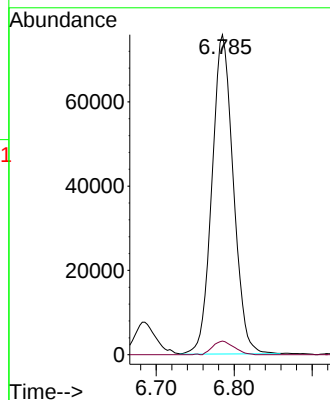
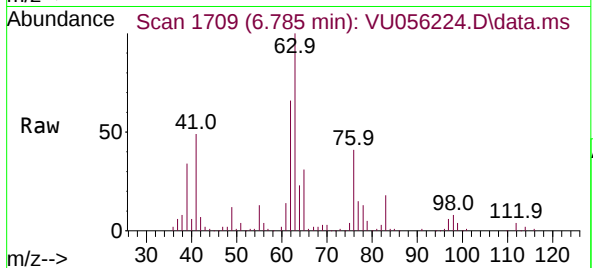
ClientSampleId :

Tgt Ion: 63 Resp: 144545

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 5.099 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU056224.D

Acq: 11 Nov 2023 18:05

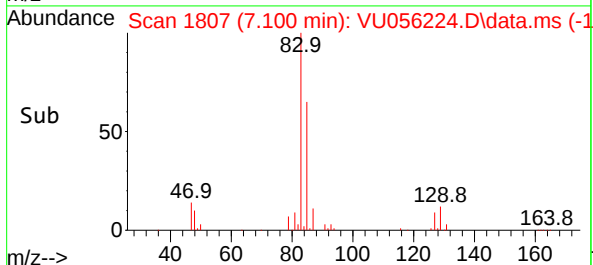
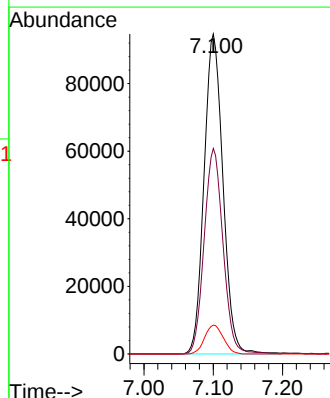
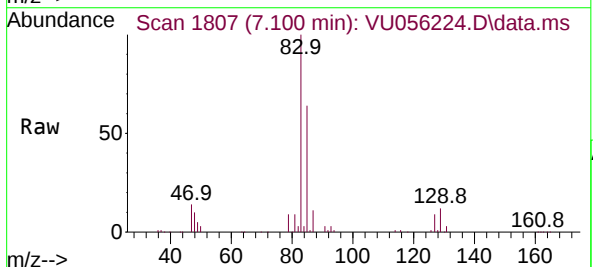
Tgt Ion: 83 Resp: 178916

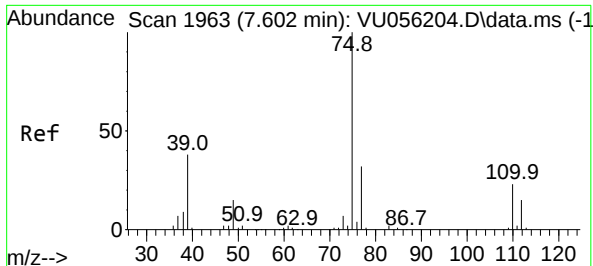
Ion Ratio Lower Upper

83 100

85 64.2 46.6 86.6

127 9.0 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 5.187 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU056224.D

Acq: 11 Nov 2023 18:05

Instrument :

MSVOA_U

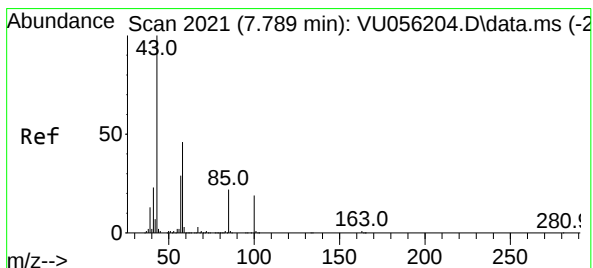
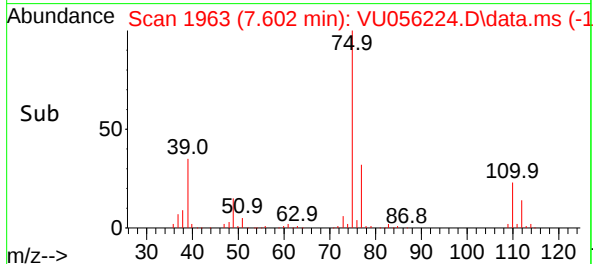
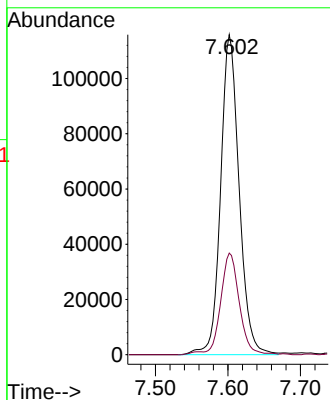
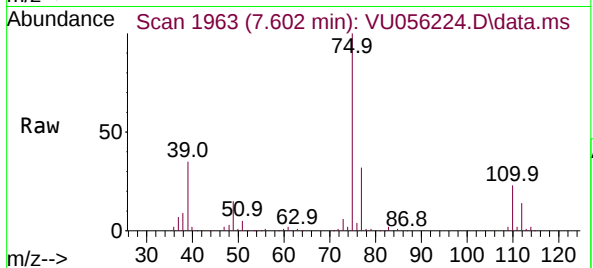
ClientSampleId :

Tgt Ion: 75 Resp: 205693

Ion Ratio Lower Upper

75 100

77 31.8 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 55.454 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.004 min

Lab File: VU056224.D

Acq: 11 Nov 2023 18:05

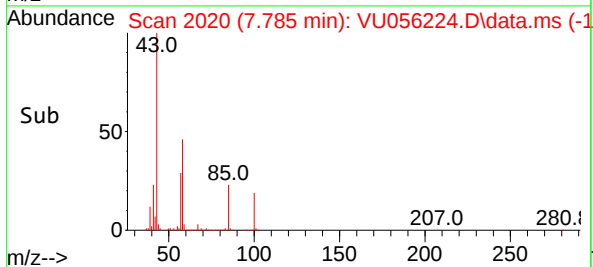
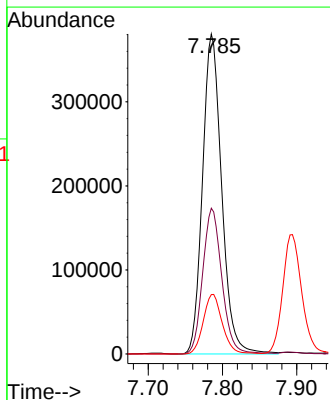
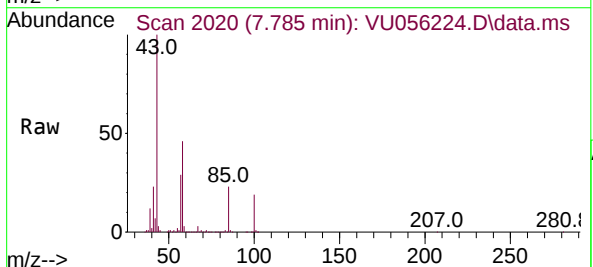
Tgt Ion: 43 Resp: 681494

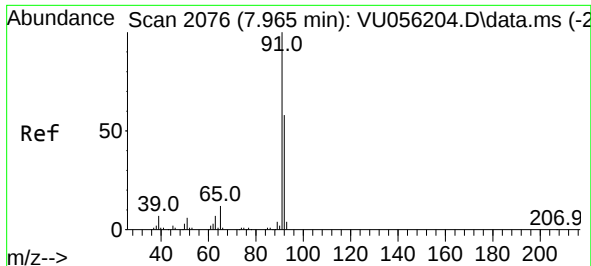
Ion Ratio Lower Upper

43 100

58 45.5 36.0 54.0

100 18.5 14.2 21.4





#42

Toluene

Concen: 5.311 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056224.D

Acq: 11 Nov 2023 18:05

Instrument :

MSVOA_U

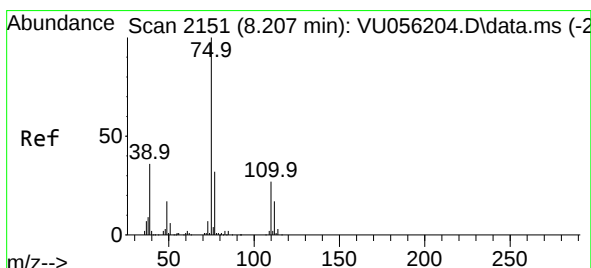
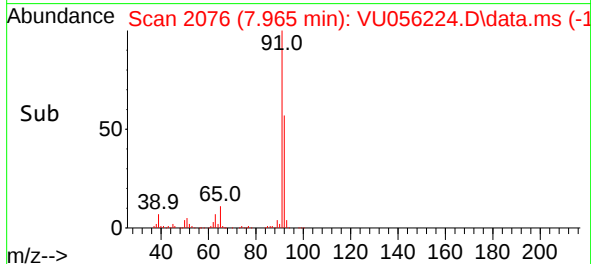
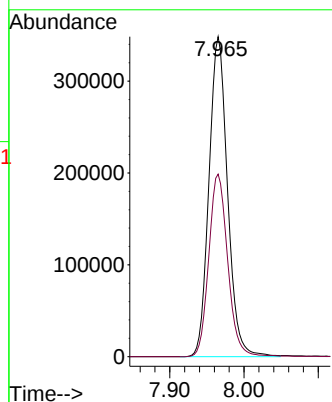
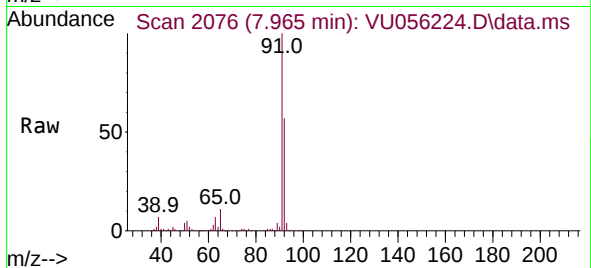
ClientSampleId :

Tgt Ion: 91 Resp: 604914

Ion Ratio Lower Upper

91 100

92 57.0 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 5.197 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU056224.D

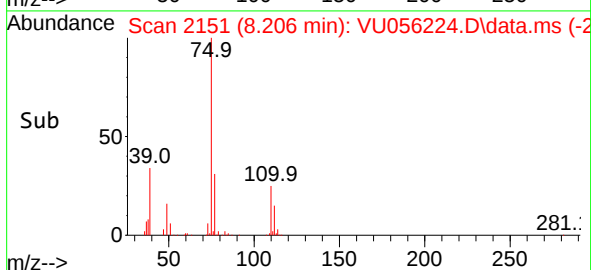
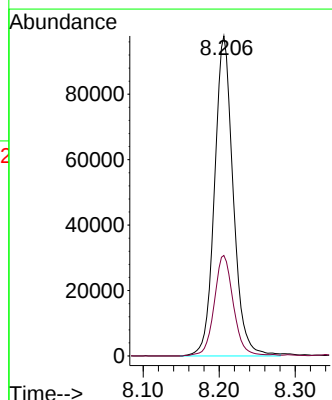
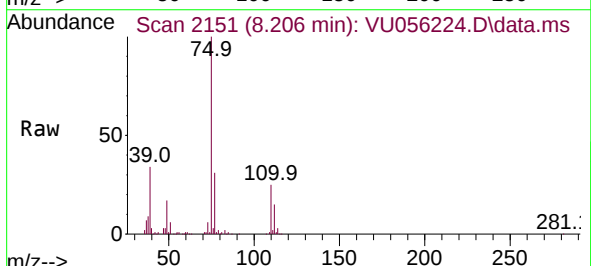
Acq: 11 Nov 2023 18:05

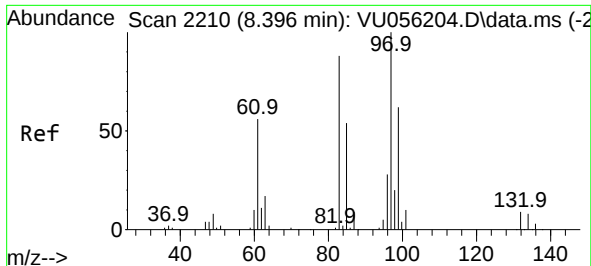
Tgt Ion: 75 Resp: 166854

Ion Ratio Lower Upper

75 100

77 31.4 21.7 40.3



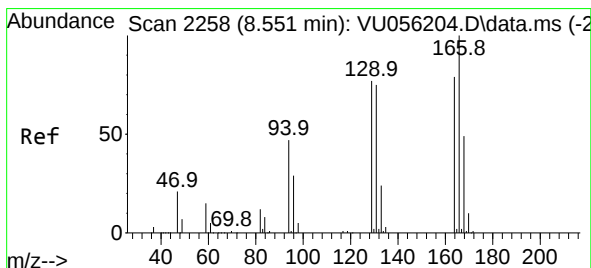
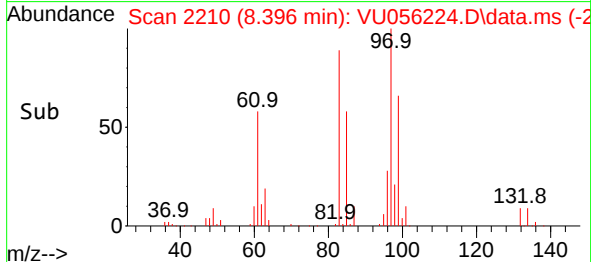
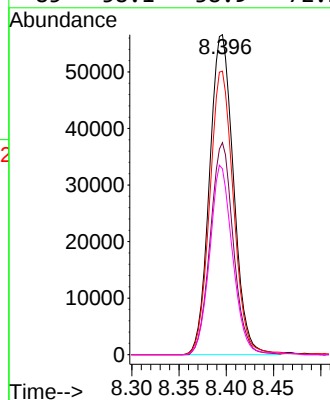
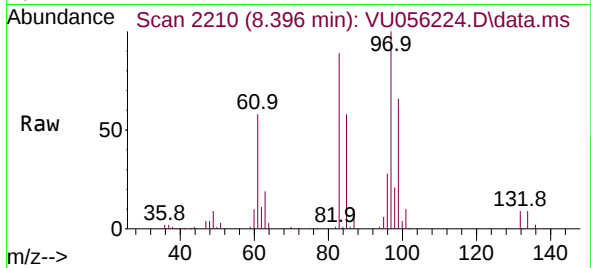


#45
1,1,2-Trichloroethane
Concen: 5.207 ug/L
RT: 8.396 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 100012

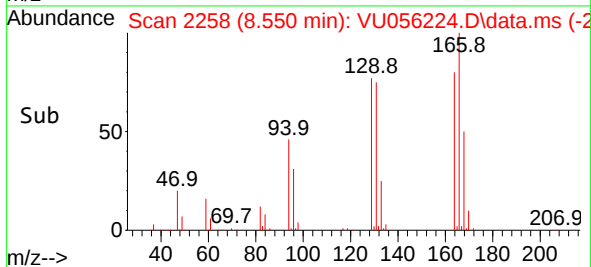
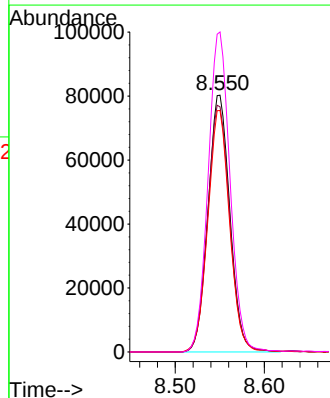
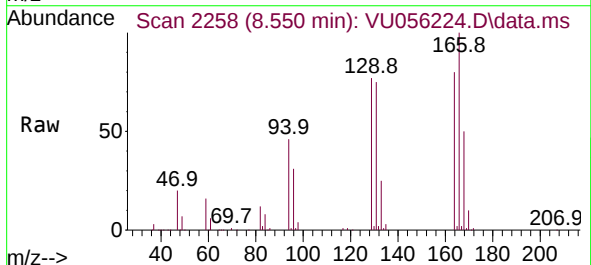
Ion	Ratio	Lower	Upper
97	100		
99	66.3	44.7	82.9
83	88.6	59.4	110.2
85	58.1	38.9	72.2

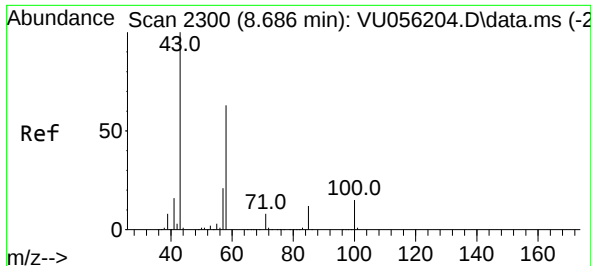


#47
Tetrachloroethene
Concen: 6.222 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

Tgt Ion: 164 Resp: 137806

Ion	Ratio	Lower	Upper
164	100		
129	95.5	66.6	123.8
131	94.1	67.8	126.0
166	124.6	85.9	159.5

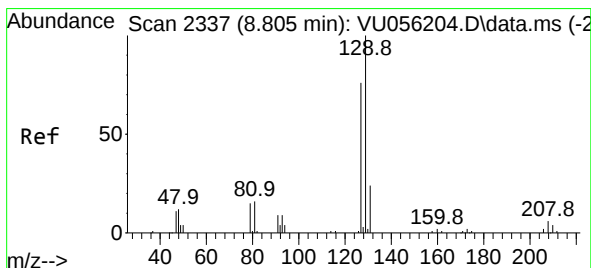
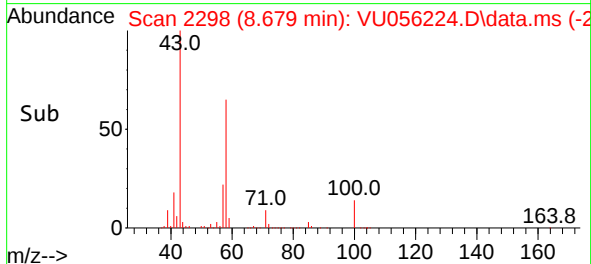
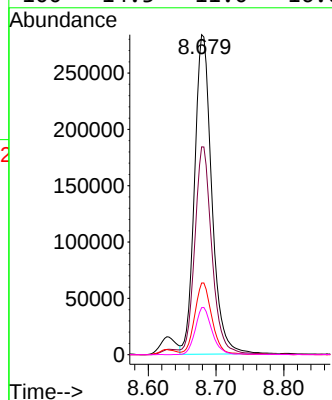
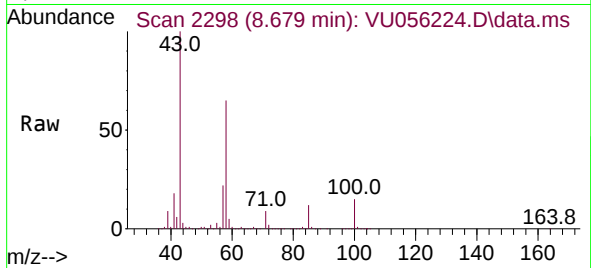




#48
2-Hexanone
Concen: 56.002 ug/L
RT: 8.679 min Scan# 2108
Delta R.T. -0.007 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

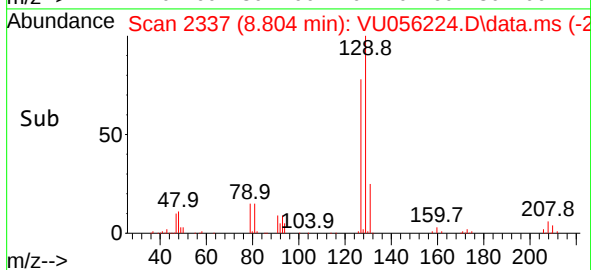
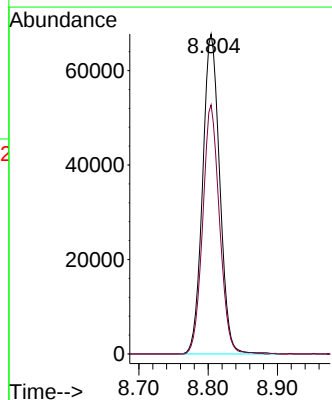
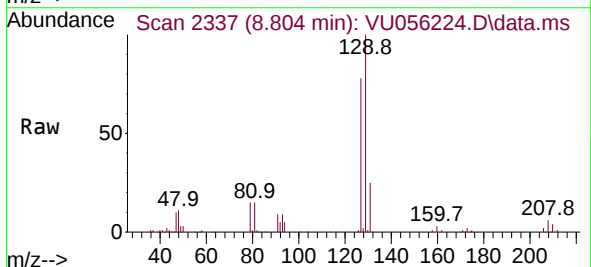
Instrument :
MSVOA_U
ClientSampleId :

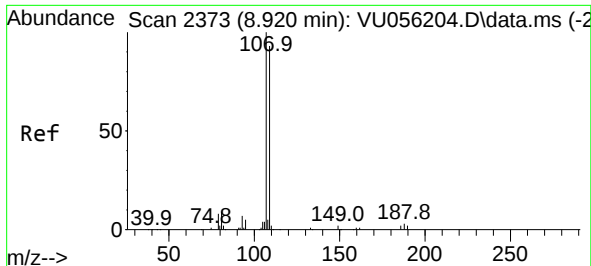
Tgt Ion: 43 Resp: 501086
Ion Ratio Lower Upper
43 100
58 64.3 52.0 78.0
57 22.2 17.4 26.2
100 14.3 11.0 16.6



#49
Dibromochloromethane
Concen: 5.273 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

Tgt Ion: 129 Resp: 116217
Ion Ratio Lower Upper
129 100
127 77.8 55.4 102.8

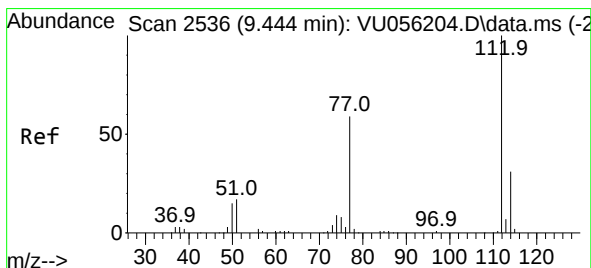
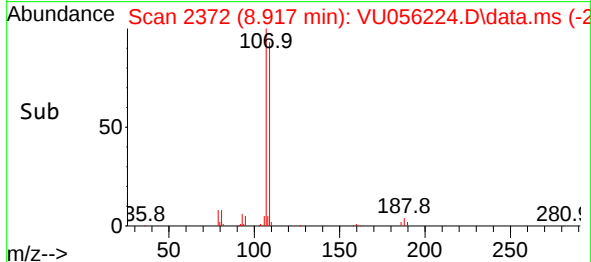
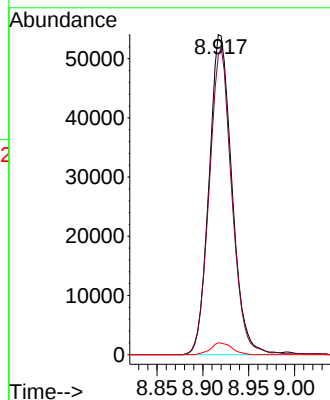
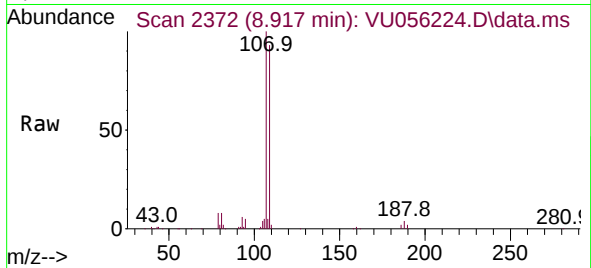




#50
1,2-Dibromoethane
Concen: 5.234 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.004 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

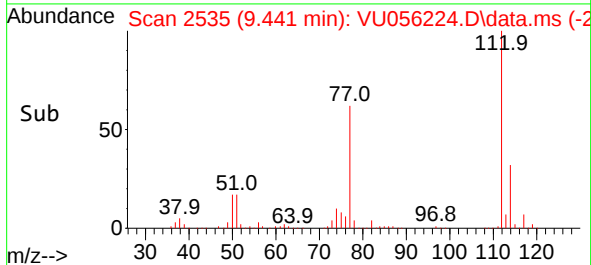
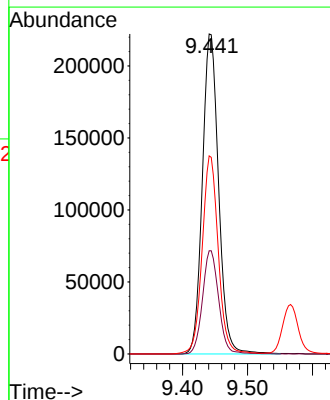
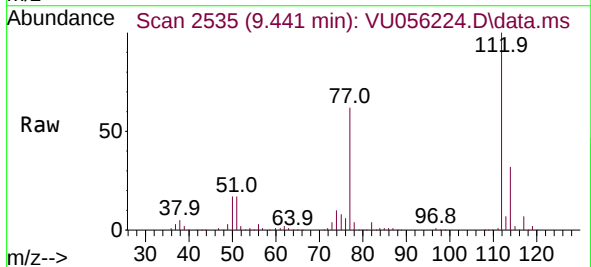
Instrument :
MSVOA_U
ClientSampleId :

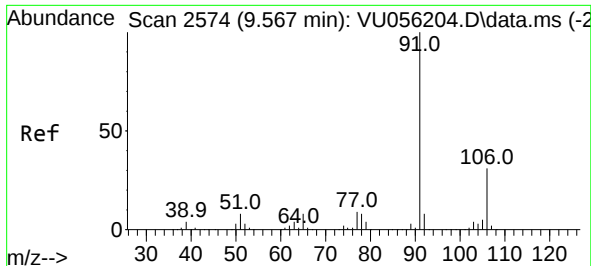
Tgt Ion:107 Resp: 93934
Ion Ratio Lower Upper
107 100
109 93.4 66.9 124.3
188 3.7 2.5 3.7



#51
Chlorobenzene
Concen: 5.258 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.004 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

Tgt Ion:112 Resp: 386376
Ion Ratio Lower Upper
112 100
114 32.3 21.8 40.4
77 61.9 48.2 72.4

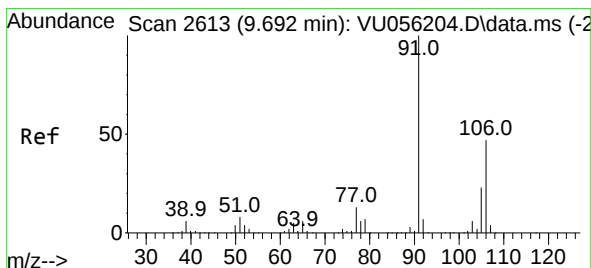
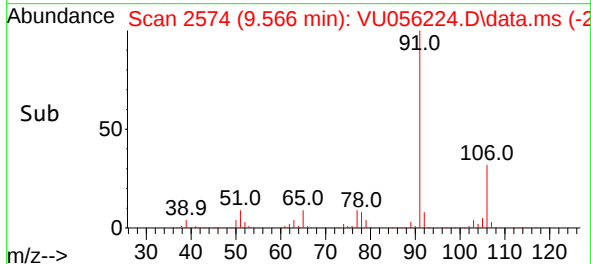
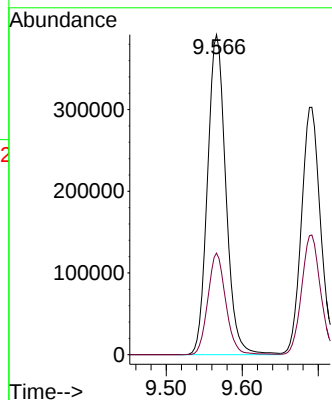
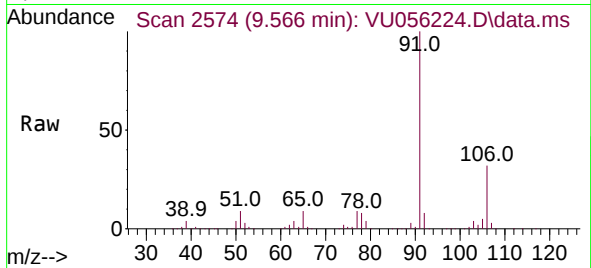




#52
Ethylbenzene
Concen: 5.280 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

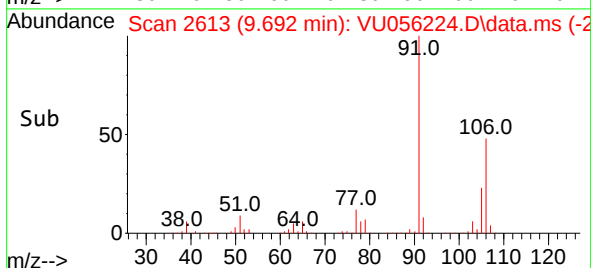
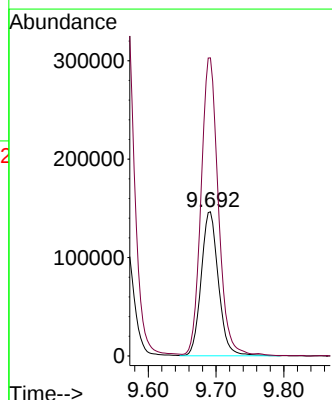
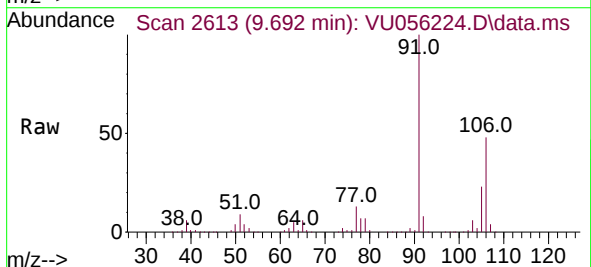
Instrument :
MSVOA_U
ClientSampleId :

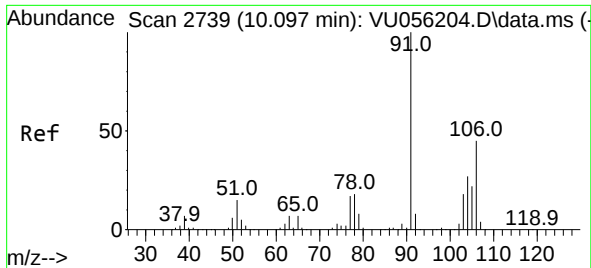
Tgt Ion: 91 Resp: 655309
Ion Ratio Lower Upper
91 100
106 31.8 21.2 39.4



#53
m,p-Xylene
Concen: 5.460 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

Tgt Ion: 106 Resp: 257744
Ion Ratio Lower Upper
106 100
91 206.7 144.9 269.1

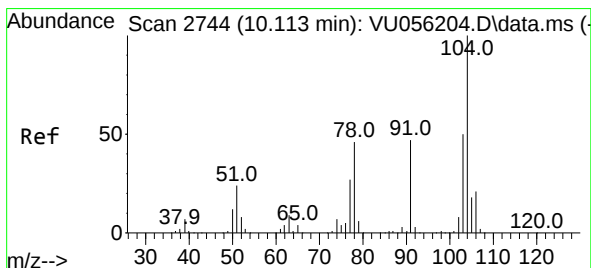
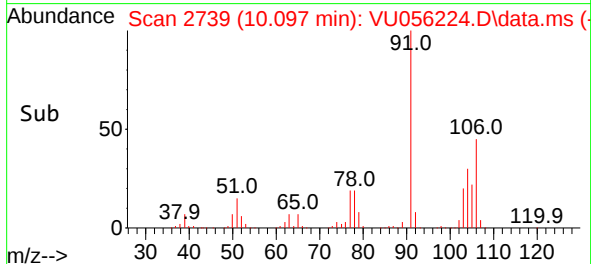
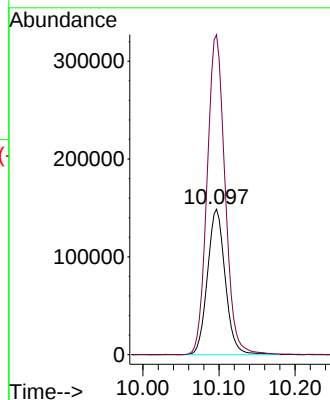
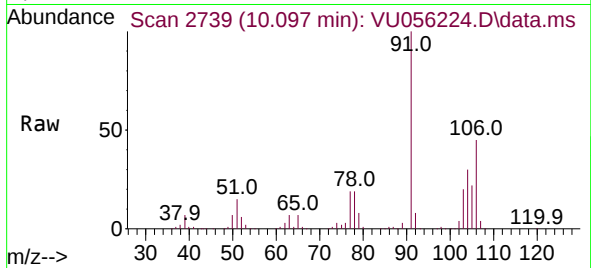




#54
o-Xylene
Concen: 5.346 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

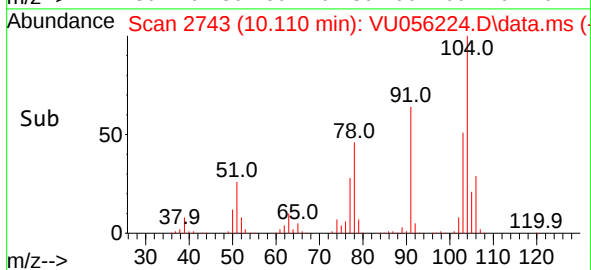
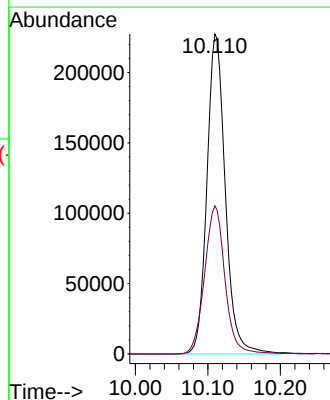
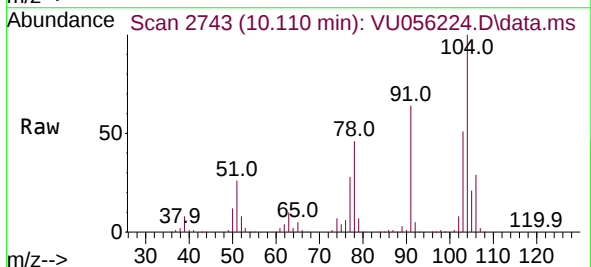
Instrument :
MSVOA_U
ClientSampleId :

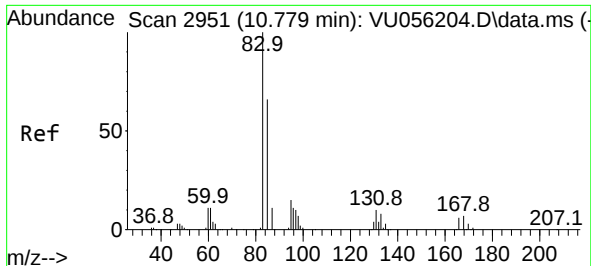
Tgt Ion:106 Resp: 241918
Ion Ratio Lower Upper
106 100
91 220.1 158.2 293.8



#55
Styrene
Concen: 5.409 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.004 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

Tgt Ion:104 Resp: 400422
Ion Ratio Lower Upper
104 100
78 46.3 33.5 62.3

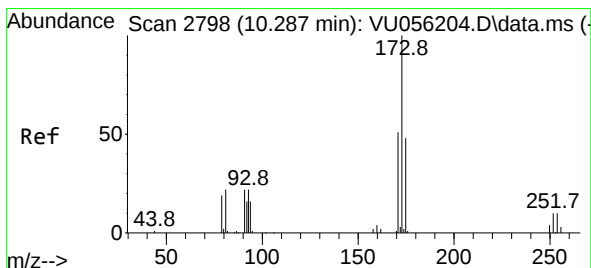
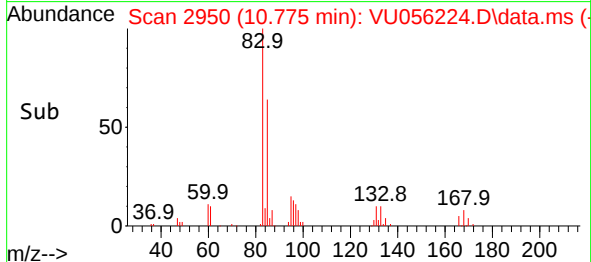
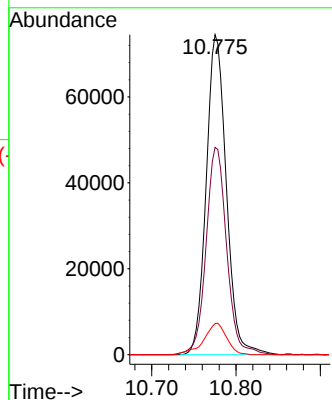
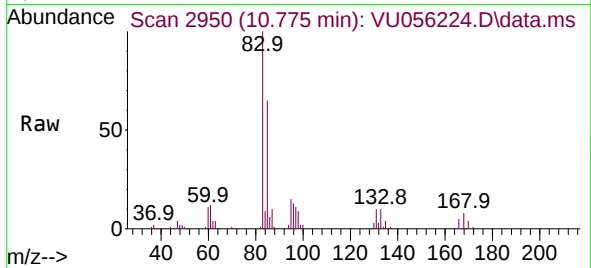




#57
1,1,2,2-Tetrachloroethane
Concen: 5.482 ug/L
RT: 10.775 min Scan# 2951
Delta R.T. -0.004 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

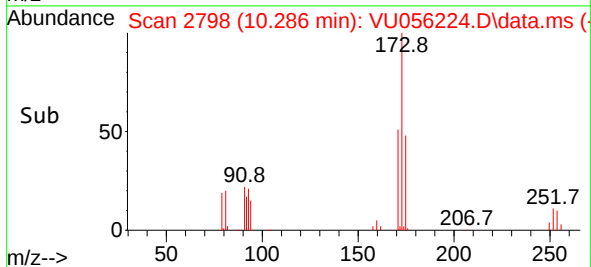
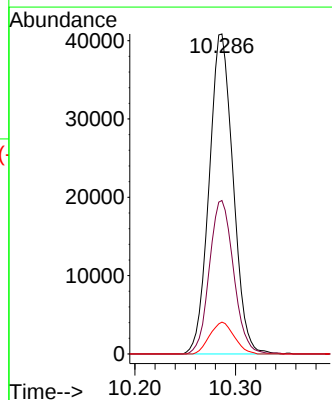
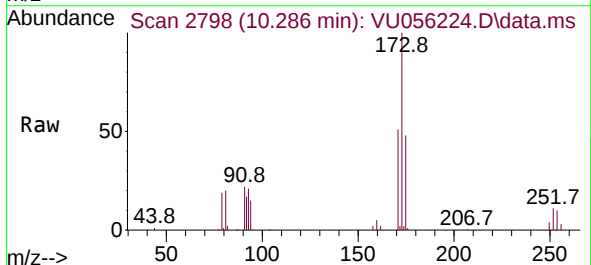
Instrument :
MSVOA_U
ClientSampleId :

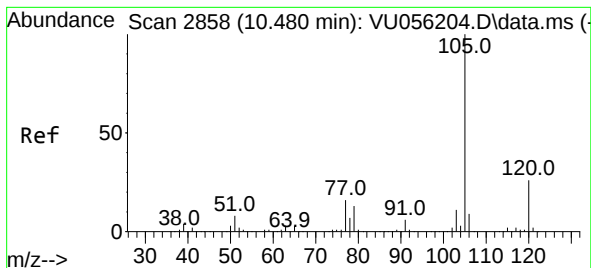
Tgt Ion: 83 Resp: 123741
Ion Ratio Lower Upper
83 100
85 64.8 44.0 81.8
131 9.7 7.4 11.2



#59
Bromoform
Concen: 5.097 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

Tgt Ion:173 Resp: 67487
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.4
254 10.1 8.2 12.2





#60

Isopropylbenzene

Concen: 5.308 ug/L

RT: 10.479 min Scan# 21

Delta R.T. -0.000 min MSVOA_U

Lab File: VU056224.D

Acq: 11 Nov 2023 18:05

Instrument :

MSVOA_U

ClientSampleId :

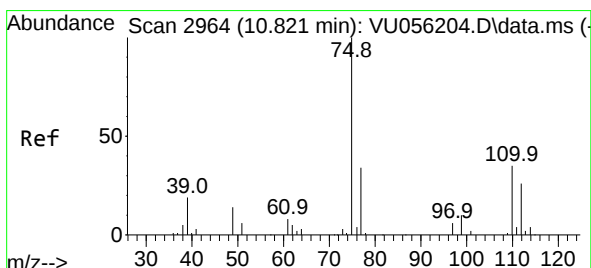
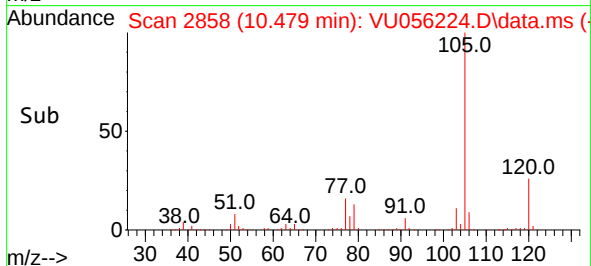
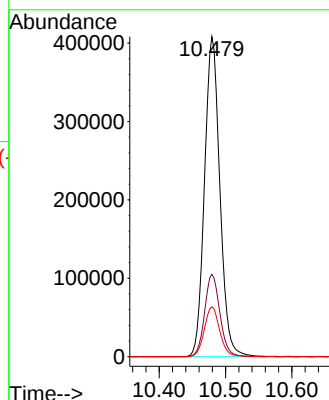
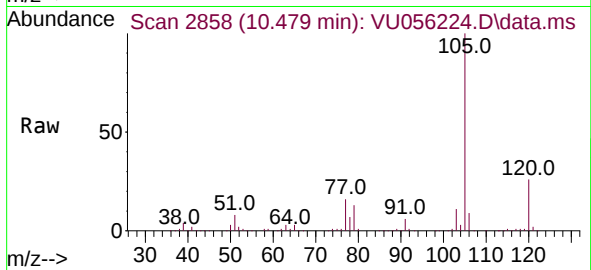
Tgt Ion:105 Resp: 656104

Ion Ratio Lower Upper

105 100

120 25.6 20.6 30.8

77 15.7 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.294 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.004 min

Lab File: VU056224.D

Acq: 11 Nov 2023 18:05

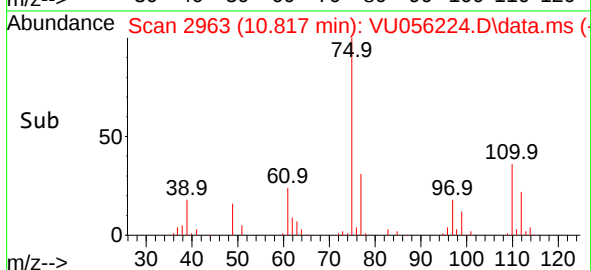
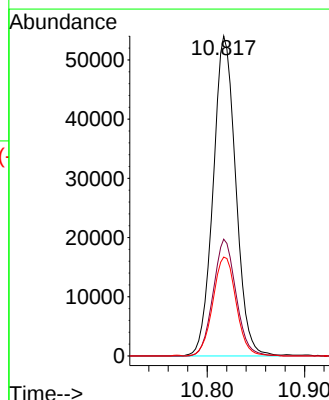
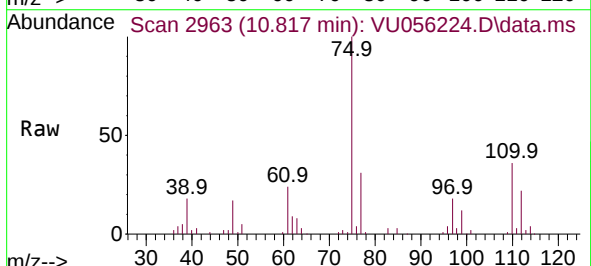
Tgt Ion: 75 Resp: 87109

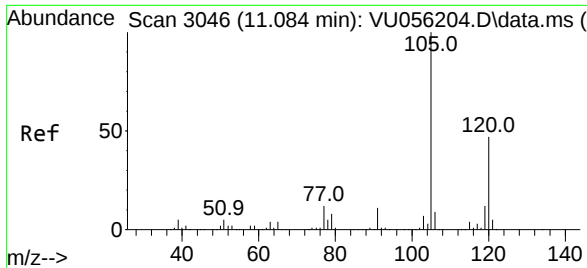
Ion Ratio Lower Upper

75 100

110 36.8 29.7 44.5

77 31.9 25.5 38.3

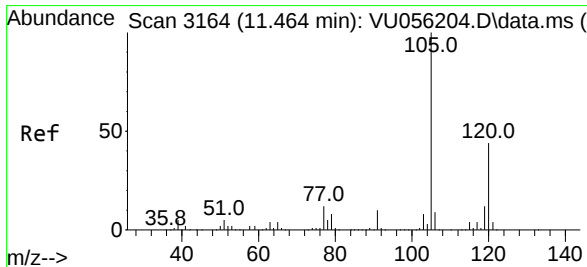
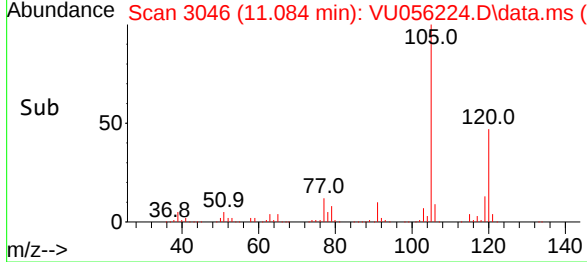
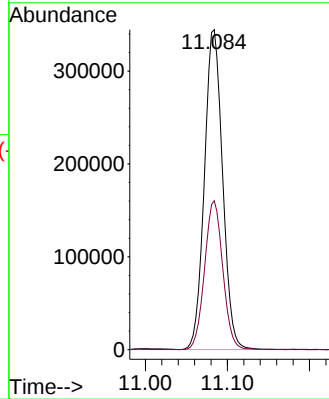
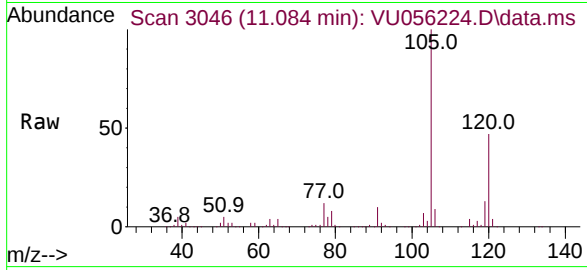




#62
1,3,5-Trimethylbenzene
Concen: 5.283 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

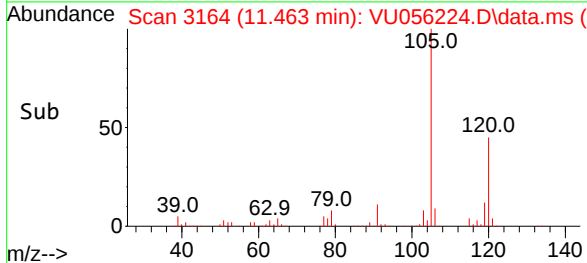
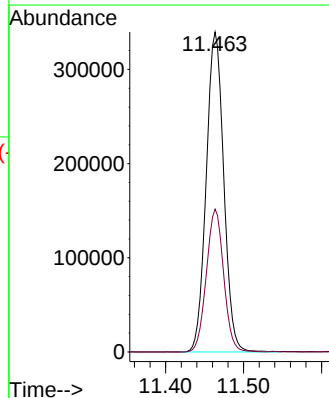
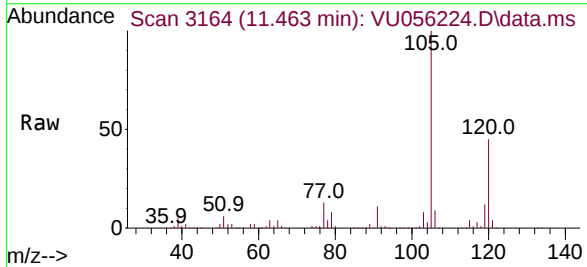
Instrument :
MSVOA_U
ClientSampleId :

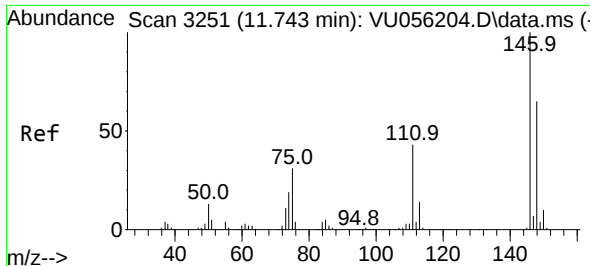
Tgt Ion:105 Resp: 529594
Ion Ratio Lower Upper
105 100
120 46.7 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 5.393 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

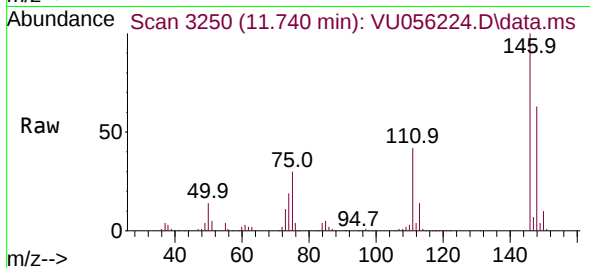
Tgt Ion:105 Resp: 530291
Ion Ratio Lower Upper
105 100
120 44.1 35.4 53.0



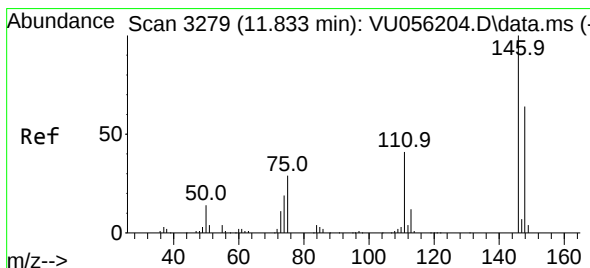
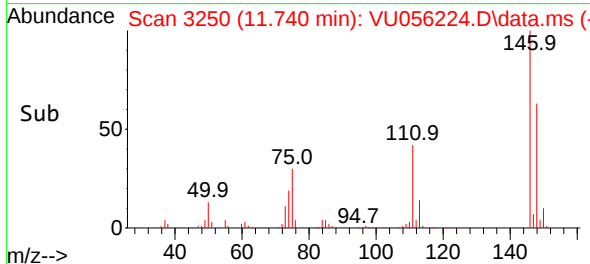
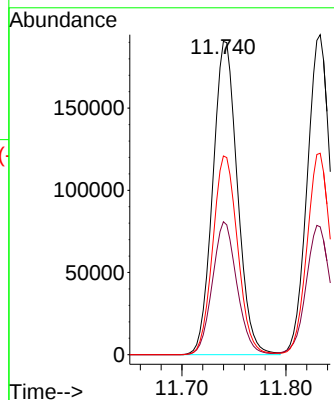


#64
1,3-Dichlorobenzene
Concen: 5.374 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.004 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

Instrument :
MSVOA_U
ClientSampleId :

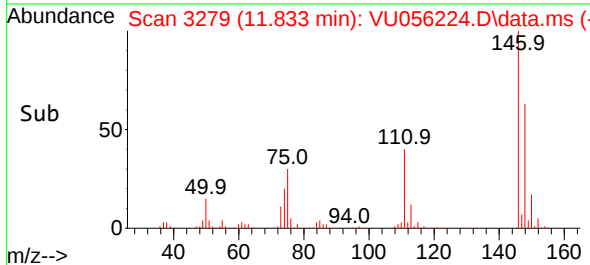
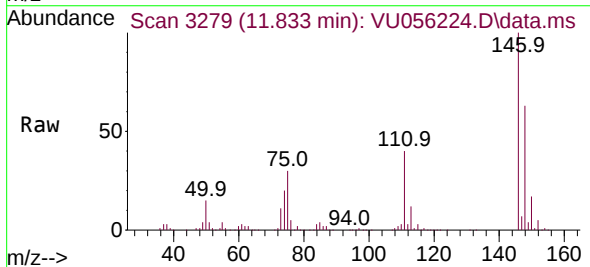
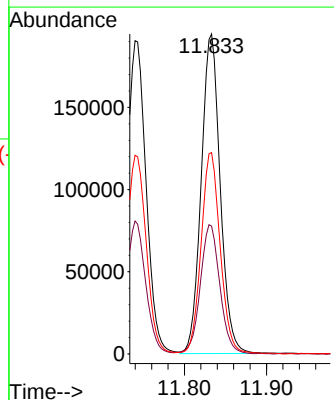


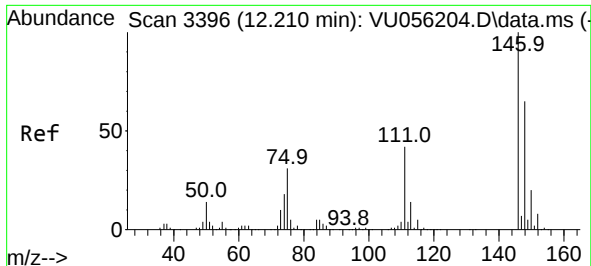
Tgt Ion:146 Resp: 314563
Ion Ratio Lower Upper
146 100
111 42.4 29.7 55.1
148 63.5 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 5.401 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056224.D
Acq: 11 Nov 2023 18:05

Tgt Ion:146 Resp: 312645
Ion Ratio Lower Upper
146 100
111 40.0 29.0 53.8
148 63.0 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 5.354 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.004 min

Lab File: VU056224.D

Acq: 11 Nov 2023 18:05

Instrument :

MSVOA_U

ClientSampleId :

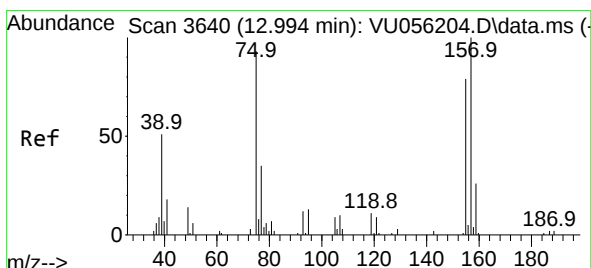
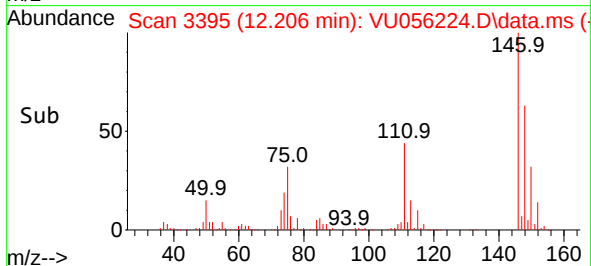
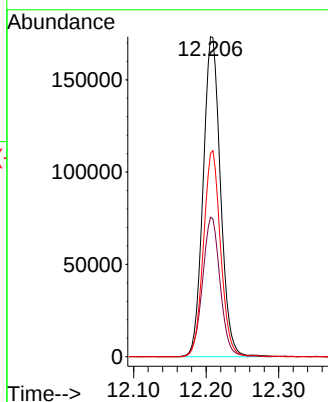
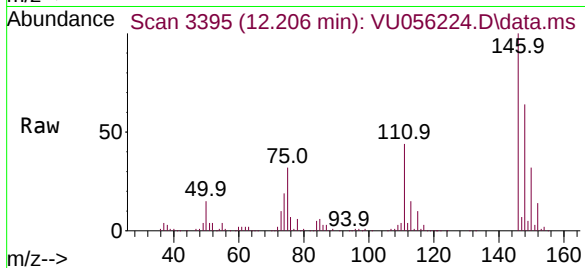
Tgt Ion:146 Resp: 288816

Ion Ratio Lower Upper

146 100

111 43.6 35.2 52.8

148 63.5 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.186 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.004 min

Lab File: VU056224.D

Acq: 11 Nov 2023 18:05

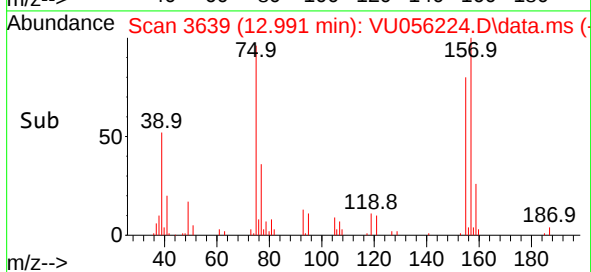
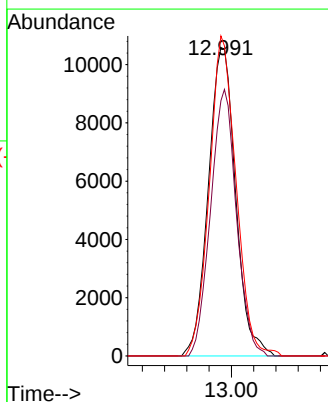
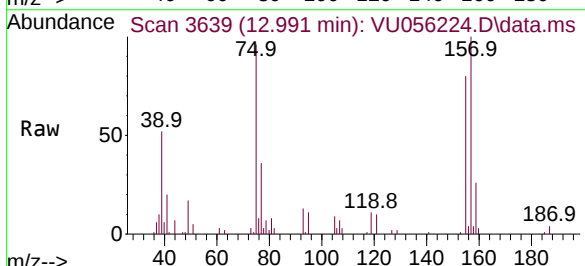
Tgt Ion: 75 Resp: 18001

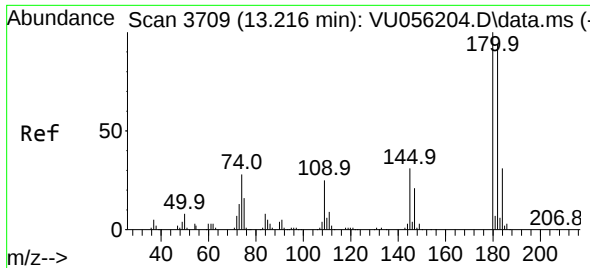
Ion Ratio Lower Upper

75 100

155 82.8 63.3 94.9

157 103.8 79.1 118.7

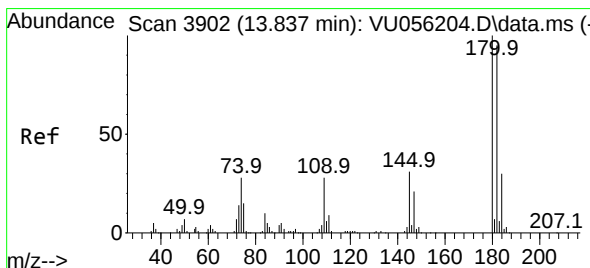
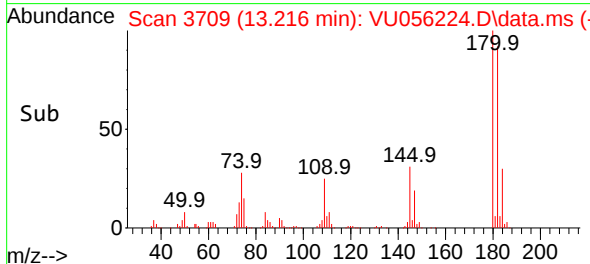
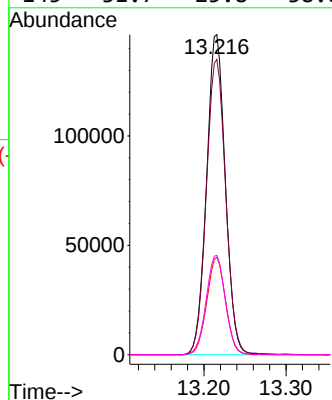
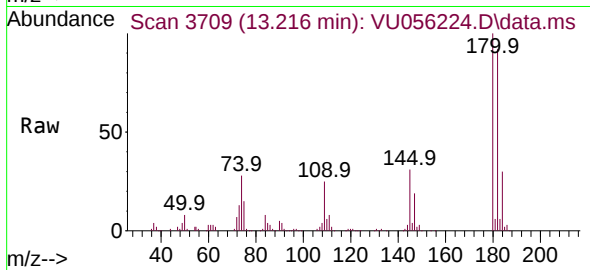




#69
 1,3,5-Trichlorobenzene
 Concen: 5.313 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU056224.D
 Acq: 11 Nov 2023 18:05

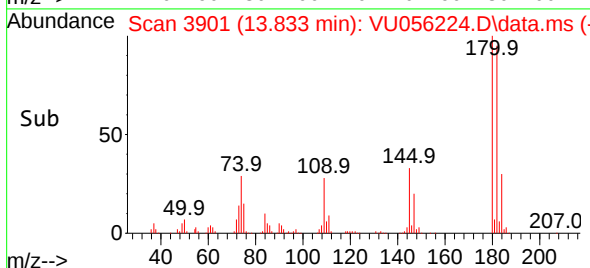
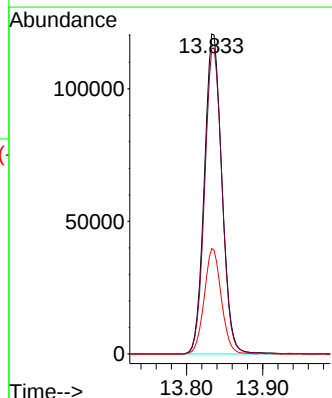
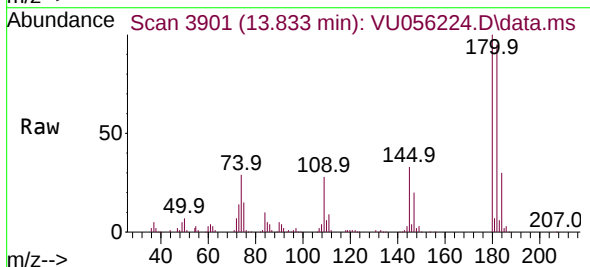
Instrument :
 MSVOA_U
 ClientSampleId :

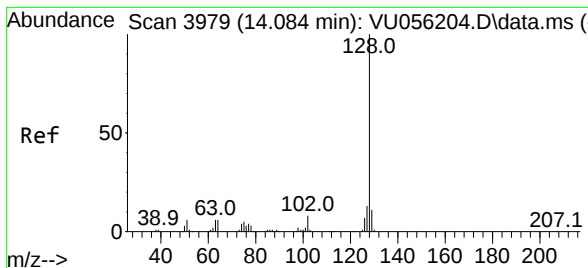
Tgt Ion:180 Resp: 232931
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.0 114.0
 184 30.4 24.0 36.0
 145 31.7 25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.553 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.004 min
 Lab File: VU056224.D
 Acq: 11 Nov 2023 18:05

Tgt Ion:180 Resp: 193159
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.4 116.2
 145 32.1 25.9 38.9





#71

Naphthalene

Concen: 5.583 ug/L

RT: 14.081 min Scan# 3979

Delta R.T. -0.004 min

Lab File: VU056224.D

Acq: 11 Nov 2023 18:05

Instrument :

MSVOA_U

ClientSampleId :

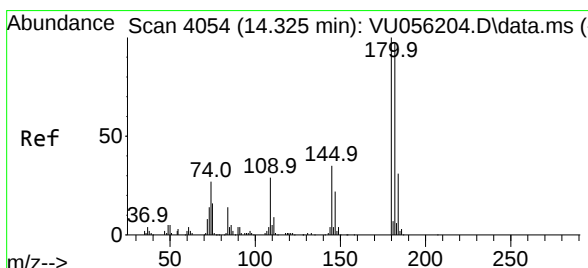
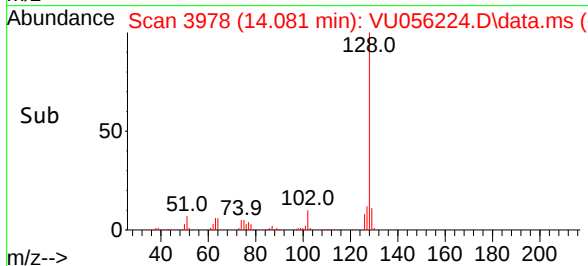
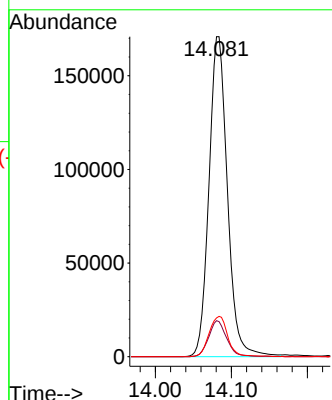
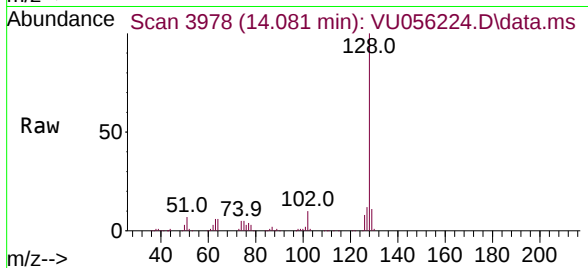
Tgt Ion:128 Resp: 287996

Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

127 12.9 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 5.402 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU056224.D

Acq: 11 Nov 2023 18:05

Tgt Ion:180 Resp: 164734

Ion Ratio Lower Upper

180 100

182 98.0 76.6 115.0

145 35.2 28.0 42.0

