

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110123\
 Data File : VU056032.D
 Acq On : 01 Nov 2023 09:29
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:03:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 01 01:09:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	336682	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	322488	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	150811	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	86512	3.248	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	65.000%	
7) Chloroethane-d5	1.914	69	84491	4.070	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.400%	
11) 1,1-Dichloroethene-d2	2.563	65	40020	3.539	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.800%	
20) 2-Butanone-d5	4.644	46	255830	53.844	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.680%	
24) Chloroform-d	5.058	84	226639	4.592	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.698	65	107382	4.466	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.400%	
32) Benzene-d6	5.724	84	428583	4.462	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
36) 1,2-Dichloropropane-d6	6.688	67	135494	4.758	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.200%	
41) Toluene-d8	7.894	98	367244	4.214	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
43) trans-1,3-Dichloroprop...	8.177	79	46104	4.139	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.800%	
46) 2-Hexanone-d5	8.634	63	206080	72.890	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	145.780%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	105241	5.075	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	124035	4.408	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.386	85	91040	4.745	ug/L	96
3) Chloromethane	1.521	50	80907	4.416	ug/L	96
5) Vinyl chloride	1.605	62	87883	4.355	ug/L	99
6) Bromomethane	1.859	94	56702	4.536	ug/L	99
8) Chloroethane	1.936	64	62262	5.265	ug/L	99
9) Trichlorofluoromethane	2.139	101	137274	4.932	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	95725	5.236	ug/L	97
12) 1,1-Dichloroethene	2.579	96	83315	5.106	ug/L	80
13) Acetone	2.653	43	129905	47.979	ug/L	97
14) Carbon disulfide	2.791	76	185989	4.451	ug/L	99
15) Methyl Acetate	2.962	43	25261	4.580	ug/L #	86
16) Methylene chloride	3.046	84	99777	5.397	ug/L	96
17) Methyl tert-butyl Ether	3.364	73	209819	5.298	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	82760	5.115	ug/L	97
19) 1,1-Dichloroethane	3.865	63	174003	5.297	ug/L	100
21) 2-Butanone	4.724	43	198391	49.845	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	98434	5.025	ug/L	95
23) Bromochloromethane	4.975	128	43159	5.408	ug/L	98
25) Chloroform	5.084	83	200347	5.688	ug/L	100

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 Data File : VU056032.D
 Acq On : 01 Nov 2023 09:29
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:03:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 01 01:09:14 2023
 Response via : Initial Calibration

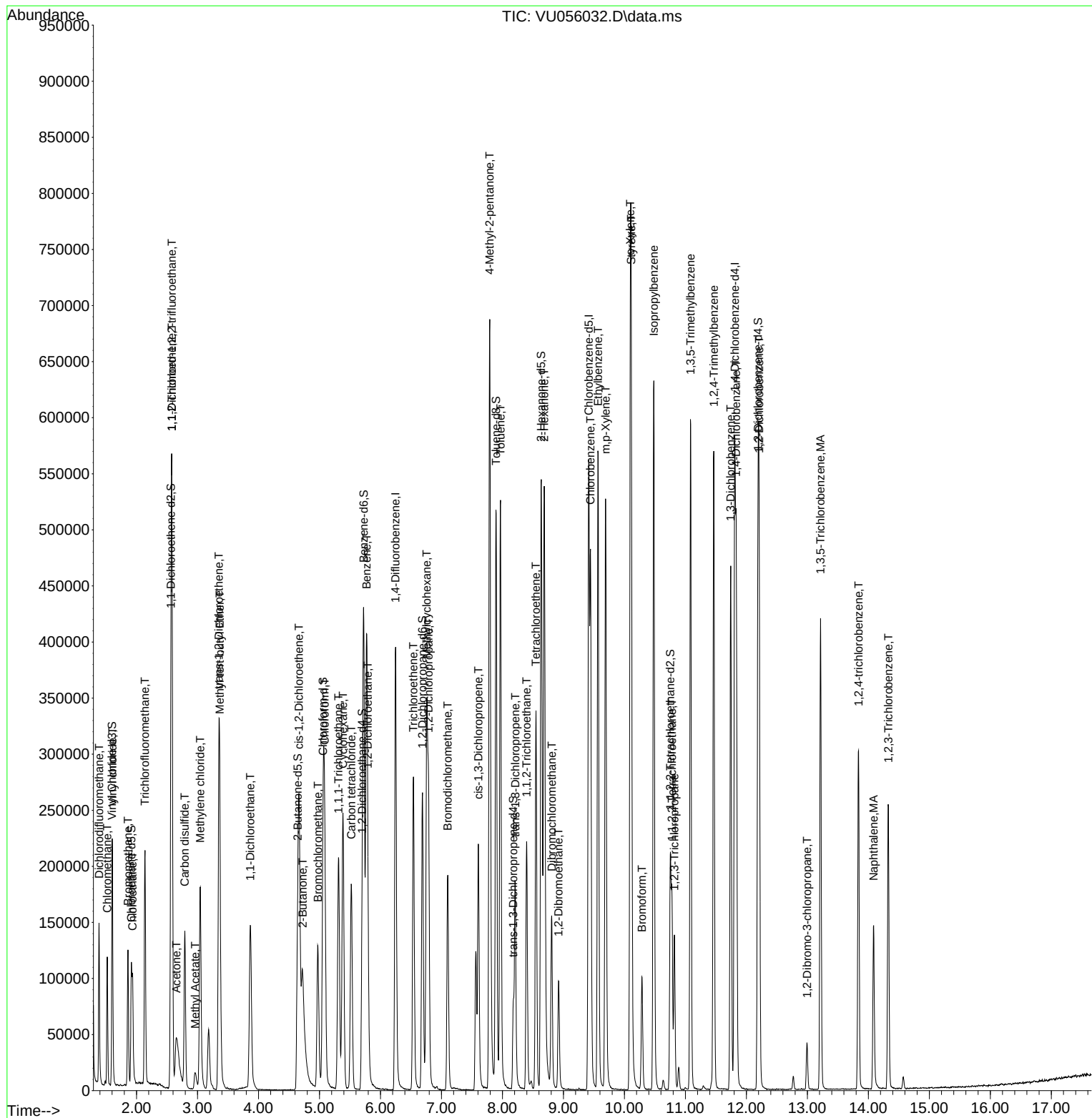
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	101651	4.912	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	157077	5.344	ug/L	99
30) Cyclohexane	5.386	56	122674	4.947	ug/L	98
31) Carbon tetrachloride	5.521	117	132667	5.292	ug/L	95
33) Benzene	5.772	78	382574	5.376	ug/L	100
34) Trichloroethene	6.541	95	102309	5.139	ug/L	99
35) Methylcyclohexane	6.759	83	133931	4.985	ug/L	97
37) 1,2-Dichloropropane	6.788	63	103416	5.473	ug/L	98
38) Bromodichloromethane	7.103	83	130521	5.502	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	139966	5.199	ug/L	97
40) 4-Methyl-2-pentanone	7.791	43	466288	51.189	ug/L	98
42) Toluene	7.968	91	406408	5.464	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	114025	5.247	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	72196	5.434	ug/L	97
47) Tetrachloroethene	8.550	164	76135	5.461	ug/L	96
48) 2-Hexanone	8.685	43	353243	49.320	ug/L	99
49) Dibromochloromethane	8.807	129	82731	5.672	ug/L	99
50) 1,2-Dibromoethane	8.920	107	65663	5.446	ug/L	97
51) Chlorobenzene	9.444	112	257537	5.283	ug/L	99
52) Ethylbenzene	9.566	91	429221	5.091	ug/L	98
53) m,p-Xylene	9.692	106	160947	5.108	ug/L	99
54) o-Xylene	10.097	106	159799	5.183	ug/L	99
55) Styrene	10.113	104	266396	5.390	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	87378	5.681	ug/L	99
59) Bromoform	10.286	173	47959	6.251	ug/L	99
60) Isopropylbenzene	10.483	105	428692	5.705	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	59615	5.758	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	333723	5.434	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	326464	5.722	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	199490	5.600	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	188833	5.311	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	186018	5.687	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	11551	6.252	ug/L	98
69) 1,3,5-Trichlorobenzene	13.216	180	136405	5.603	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	95268	5.295	ug/L	99
71) Naphthalene	14.087	128	129823	4.982	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	80684	5.201	ug/L	99

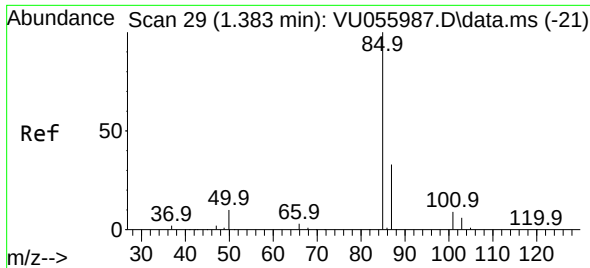
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110123\
 Data File : VU056032.D
 Acq On : 01 Nov 2023 09:29
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:03:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
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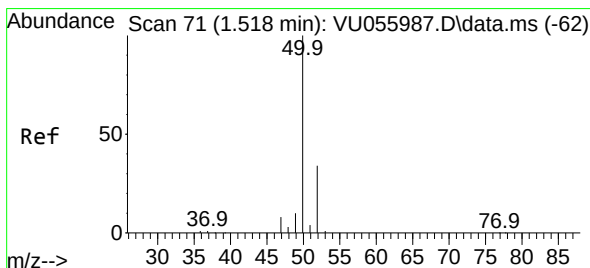
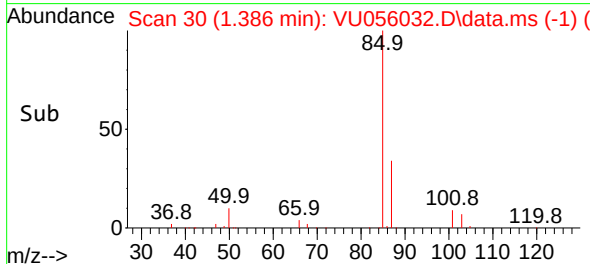
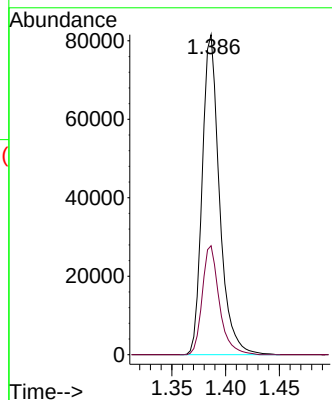
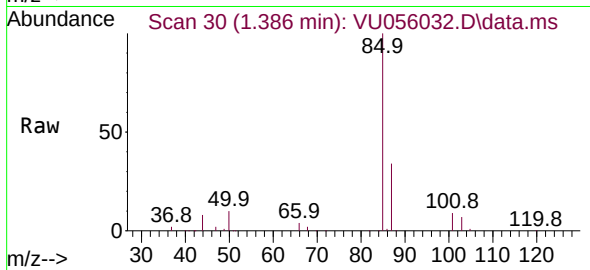




#2
Dichlorodifluoromethane
Concen: 4.745 ug/L
RT: 1.386 min Scan# 30
Delta R.T. 0.003 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

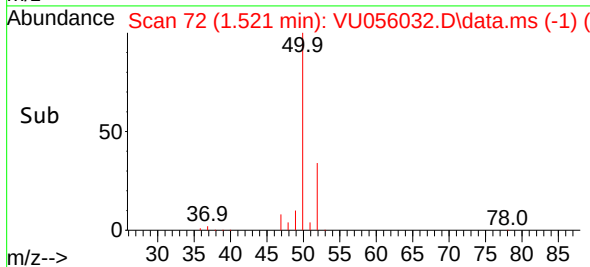
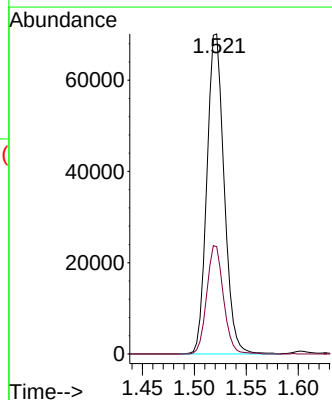
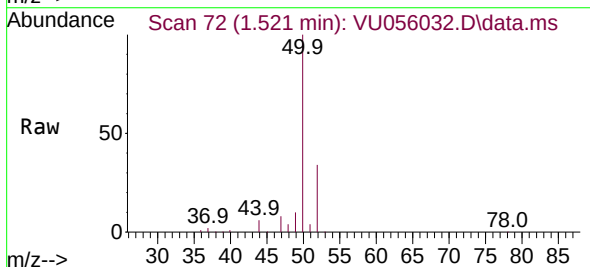
Instrument :
MSVOA_U
ClientSampleId :

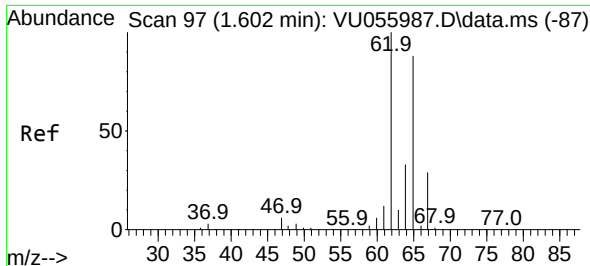
Tgt Ion: 85 Resp: 91040
Ion Ratio Lower Upper
85 100
87 33.6 25.0 37.4



#3
Chloromethane
Concen: 4.416 ug/L
RT: 1.521 min Scan# 72
Delta R.T. 0.003 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

Tgt Ion: 50 Resp: 80907
Ion Ratio Lower Upper
50 100
52 33.6 22.0 40.8

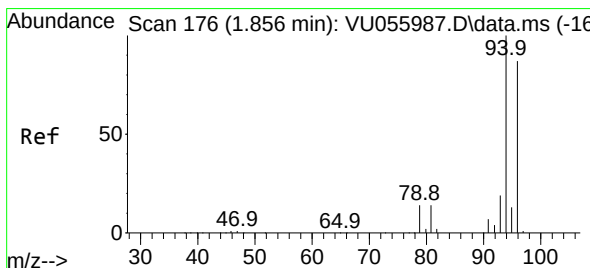
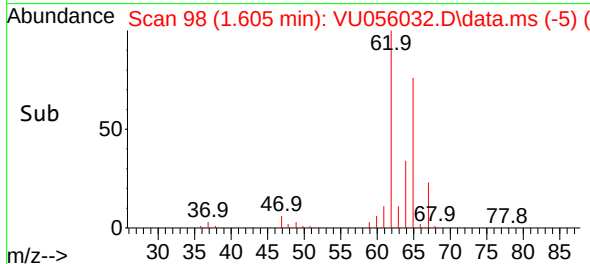
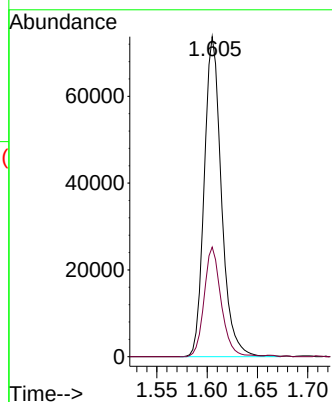
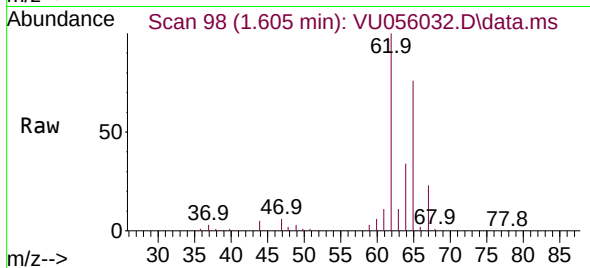




#5
 Vinyl chloride
 Concen: 4.355 ug/L
 RT: 1.605 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056032.D
 Acq: 01 Nov 2023 09:29

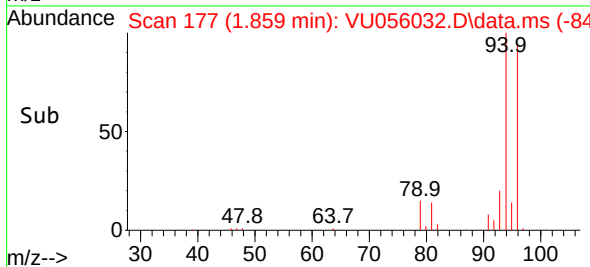
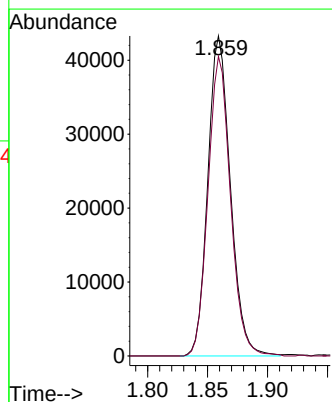
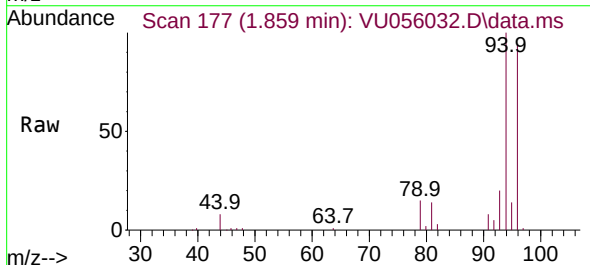
Instrument :
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 ClientSampleId :

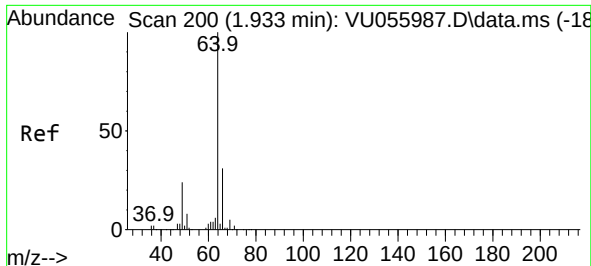
Tgt Ion: 62 Resp: 87883
 Ion Ratio Lower Upper
 62 100
 64 34.2 24.2 45.0



#6
 Bromomethane
 Concen: 4.536 ug/L
 RT: 1.859 min Scan# 177
 Delta R.T. -0.000 min
 Lab File: VU056032.D
 Acq: 01 Nov 2023 09:29

Tgt Ion: 94 Resp: 56702
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.9 122.5





#8

Chloroethane

Concen: 5.265 ug/L

RT: 1.936 min Scan# 20

Delta R.T. -0.000 min

Lab File: VU056032.D

Acq: 01 Nov 2023 09:29

Instrument :

MSVOA_U

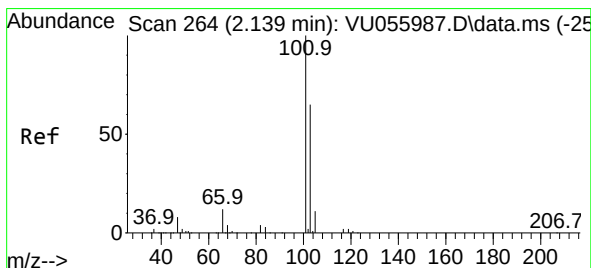
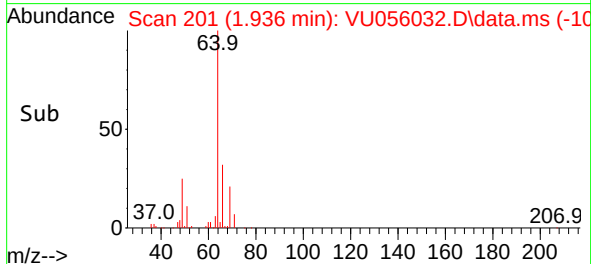
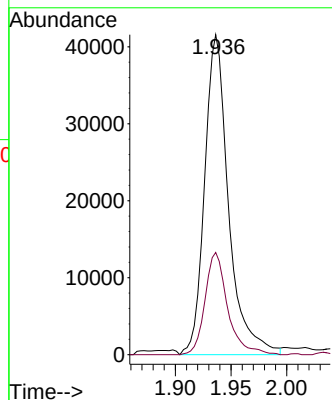
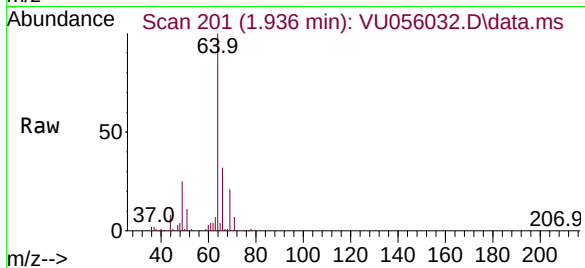
ClientSampleId :

Tgt Ion: 64 Resp: 62262

Ion Ratio Lower Upper

64 100

66 31.9 22.7 42.1



#9

Trichlorofluoromethane

Concen: 4.932 ug/L

RT: 2.139 min Scan# 264

Delta R.T. -0.000 min

Lab File: VU056032.D

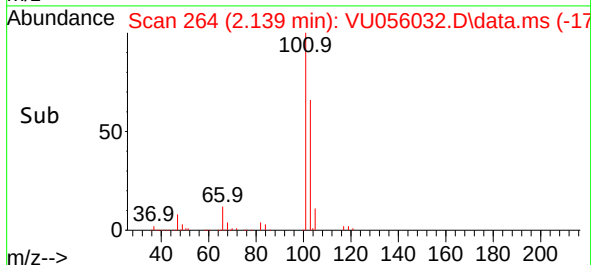
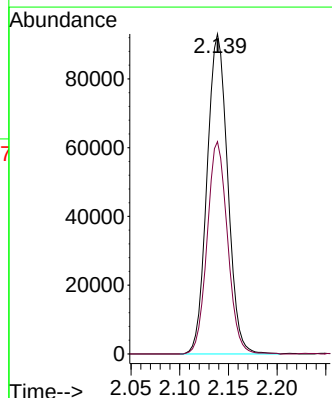
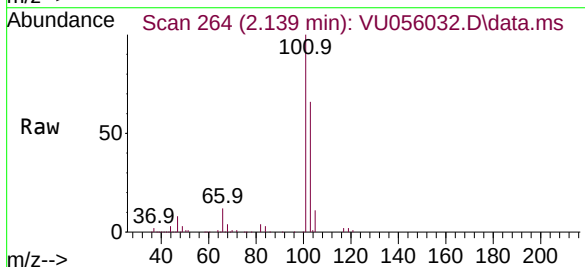
Acq: 01 Nov 2023 09:29

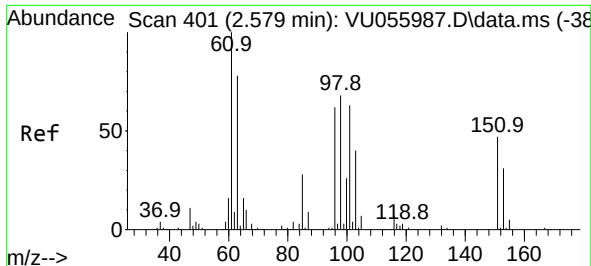
Tgt Ion: 101 Resp: 137274

Ion Ratio Lower Upper

101 100

103 65.4 52.2 78.2

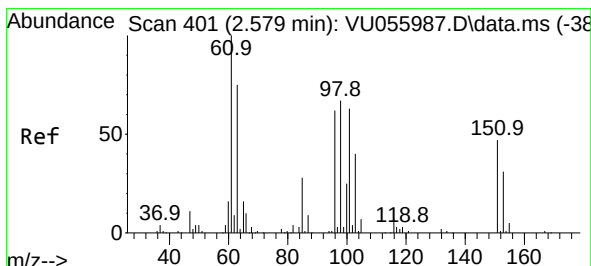
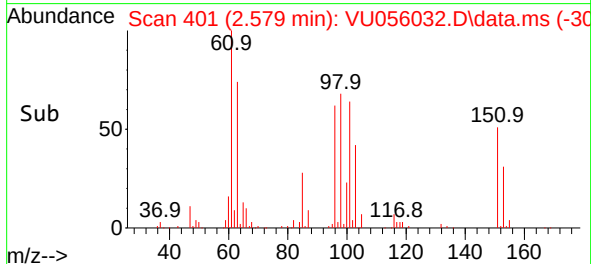
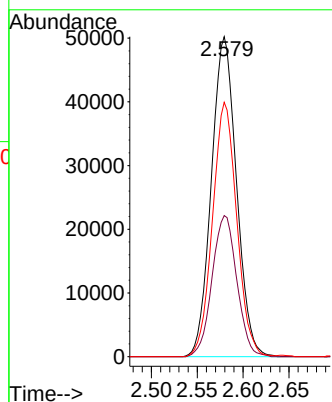
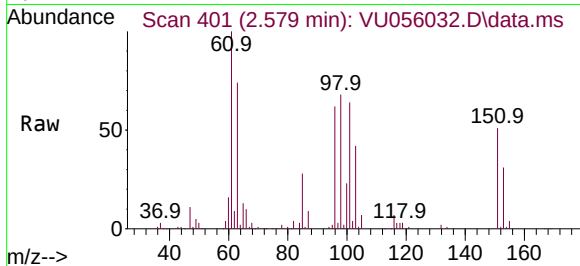




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.236 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU056032.D
 Acq: 01 Nov 2023 09:29

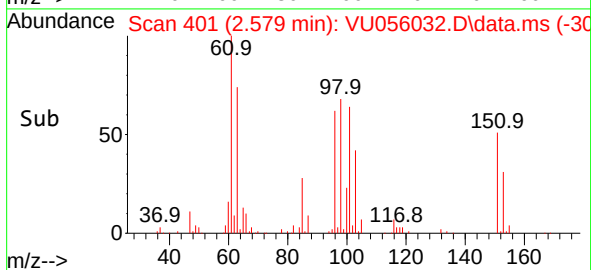
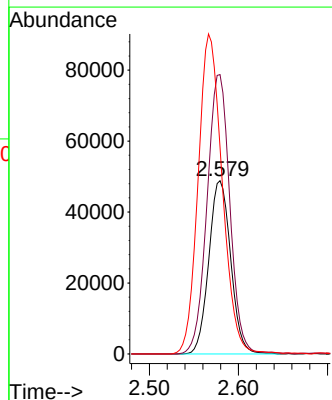
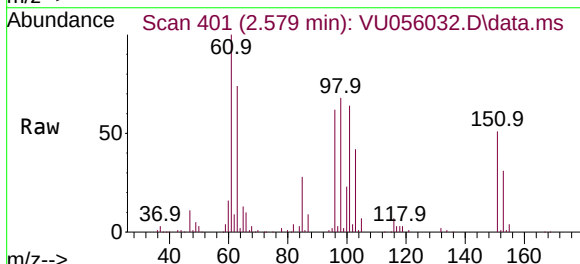
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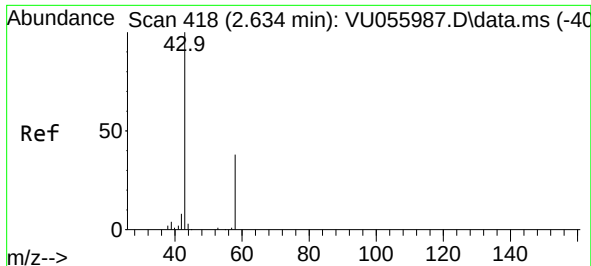
Tgt Ion:101 Resp: 95725
 Ion Ratio Lower Upper
 101 100
 85 43.4 34.4 51.6
 151 76.7 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 5.106 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.003 min
 Lab File: VU056032.D
 Acq: 01 Nov 2023 09:29

Tgt Ion: 96 Resp: 83315
 Ion Ratio Lower Upper
 96 100
 61 161.2 123.8 230.0
 63 119.1 111.0 206.2





#13

Acetone

Concen: 47.979 ug/L

RT: 2.653 min Scan# 418

Delta R.T. 0.010 min

Lab File: VU056032.D

Acq: 01 Nov 2023 09:29

Instrument :

MSVOA_U

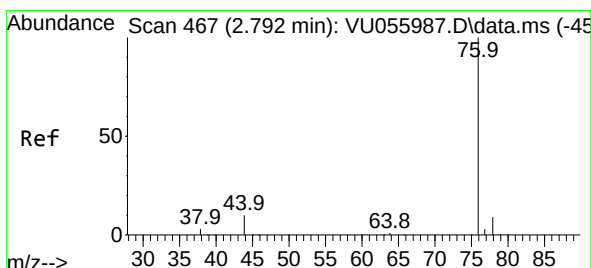
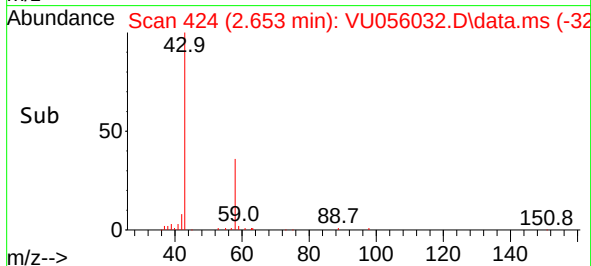
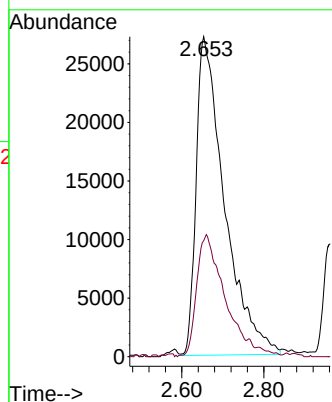
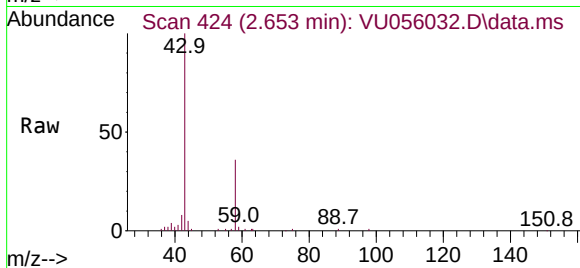
ClientSampleId :

Tgt Ion: 43 Resp: 129905

Ion Ratio Lower Upper

43 100

58 36.4 0.0 69.0



#14

Carbon disulfide

Concen: 4.451 ug/L

RT: 2.791 min Scan# 467

Delta R.T. -0.003 min

Lab File: VU056032.D

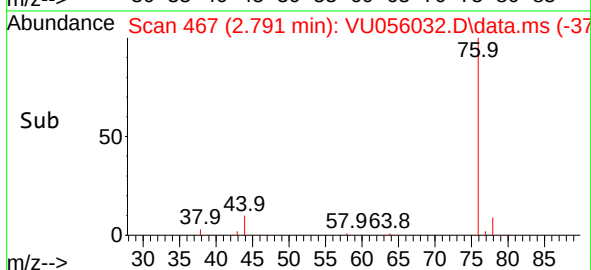
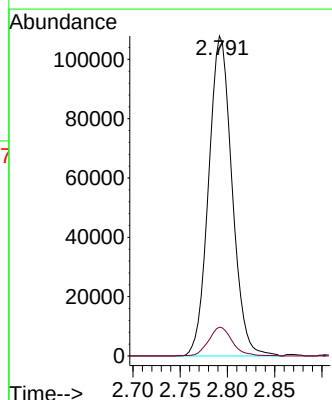
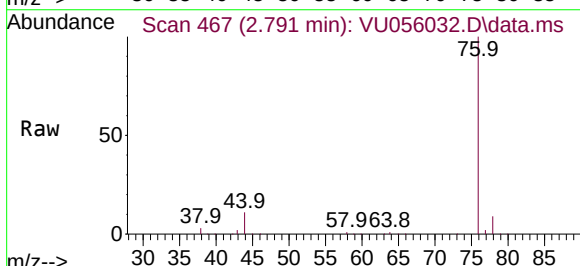
Acq: 01 Nov 2023 09:29

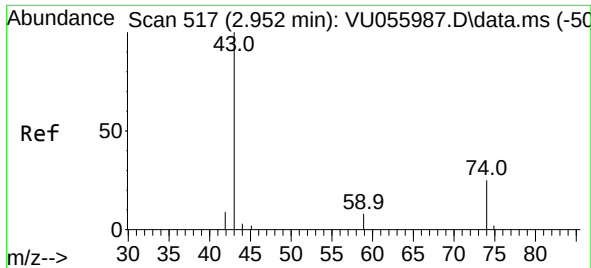
Tgt Ion: 76 Resp: 185989

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

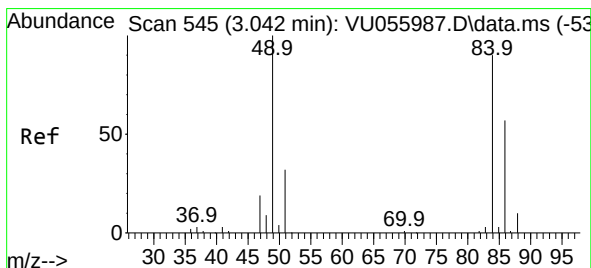
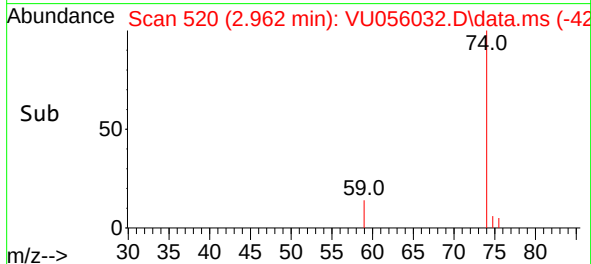
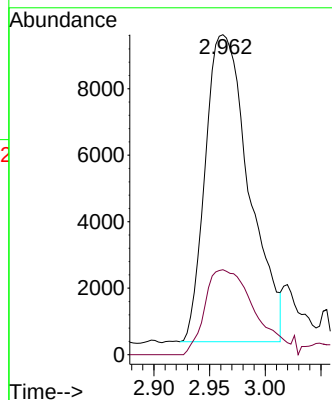
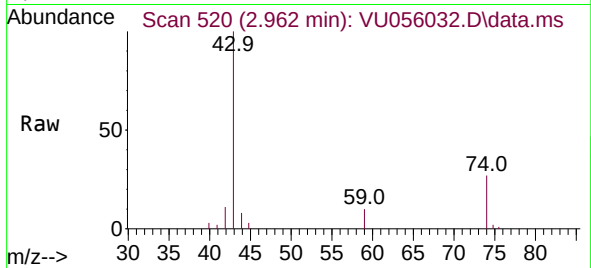




#15
Methyl Acetate
Concen: 4.580 ug/L
RT: 2.962 min Scan# 517
Delta R.T. 0.006 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

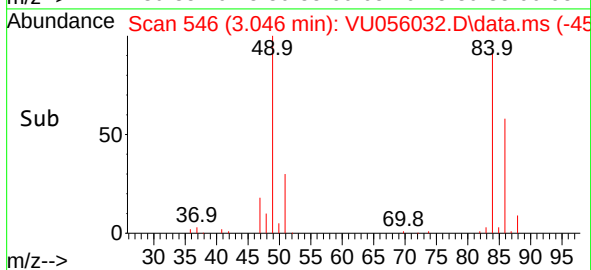
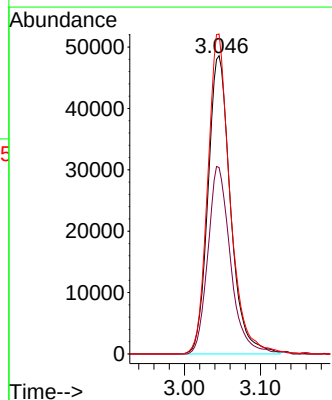
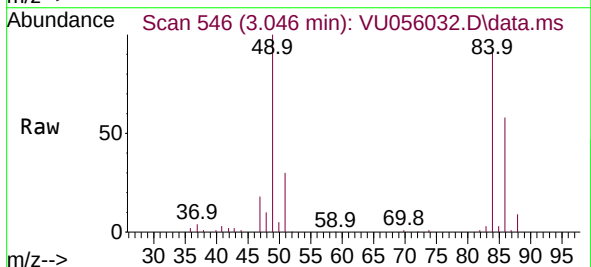
Instrument :
MSVOA_U
ClientSampleId :

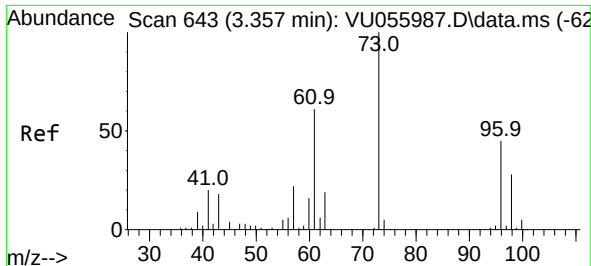
Tgt Ion: 43 Resp: 25261
Ion Ratio Lower Upper
43 100
74 31.8 19.9 29.9#



#16
Methylene chloride
Concen: 5.397 ug/L
RT: 3.046 min Scan# 546
Delta R.T. -0.000 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

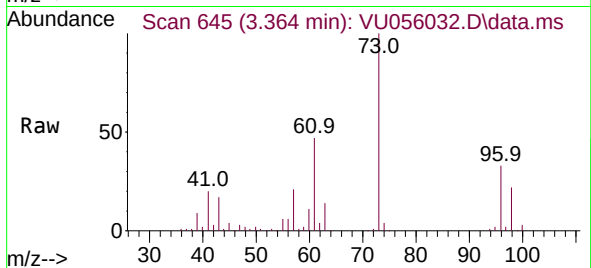
Tgt Ion: 84 Resp: 99777
Ion Ratio Lower Upper
84 100
86 62.5 45.2 84.0
49 107.3 78.8 146.3



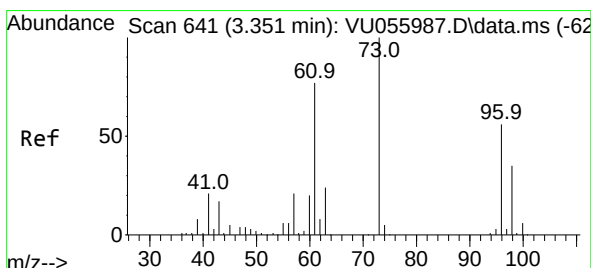
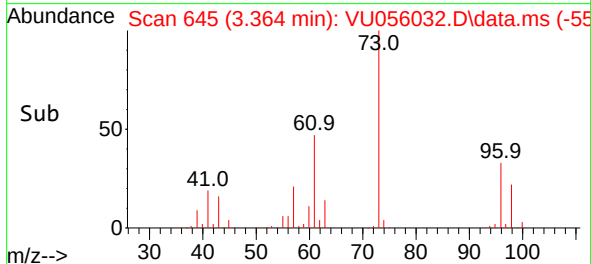
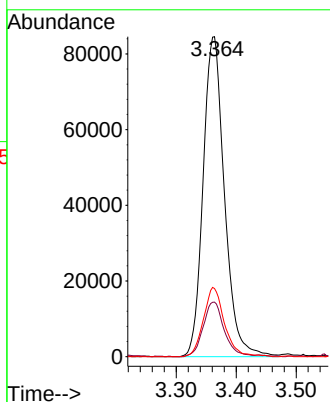


#17
Methyl tert-butyl Ether
Concen: 5.298 ug/L
RT: 3.364 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

Instrument :
MSVOA_U
ClientSampleId :

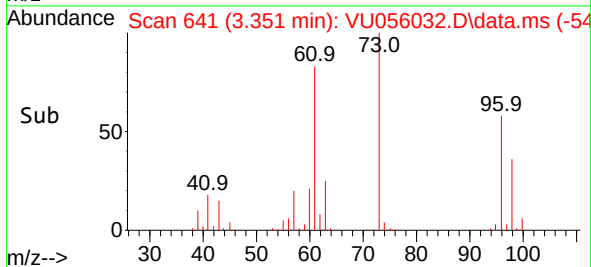
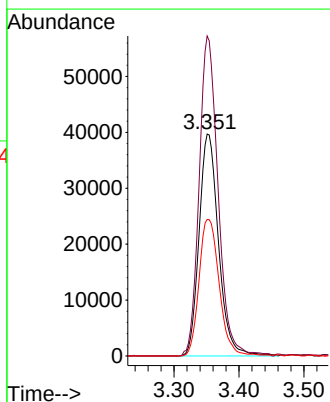
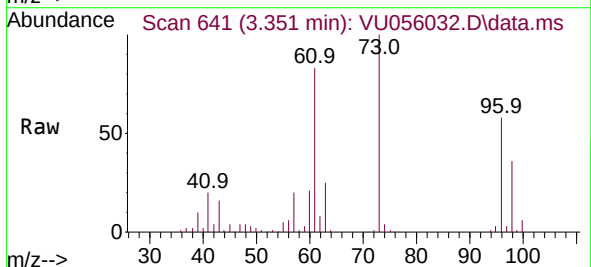


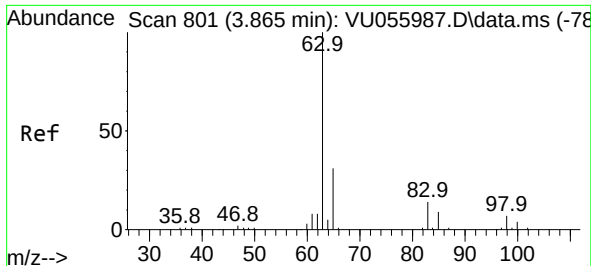
Tgt Ion: 73 Resp: 209819
Ion Ratio Lower Upper
73 100
43 16.8 14.4 21.6
57 21.3 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 5.115 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

Tgt Ion: 96 Resp: 82760
Ion Ratio Lower Upper
96 100
61 144.2 97.5 181.1
98 61.5 42.7 79.3

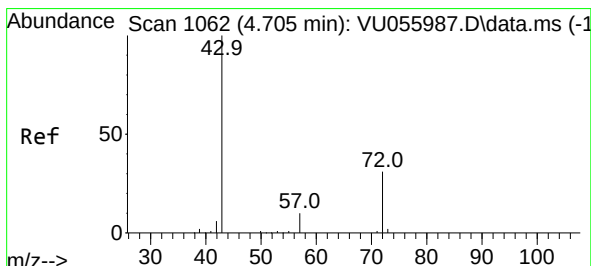
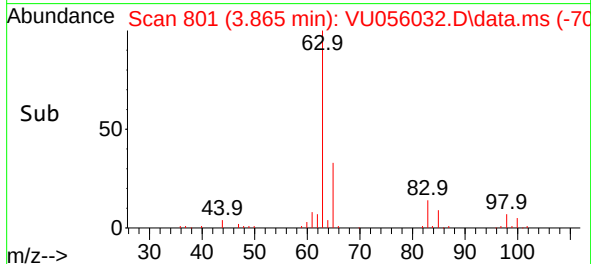
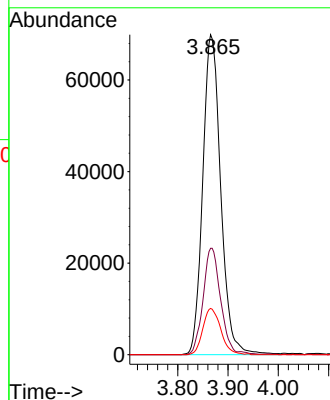
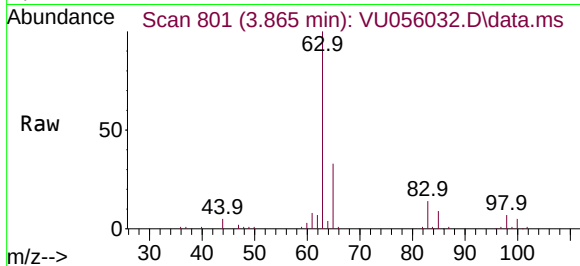




#19
1,1-Dichloroethane
Concen: 5.297 ug/L
RT: 3.865 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

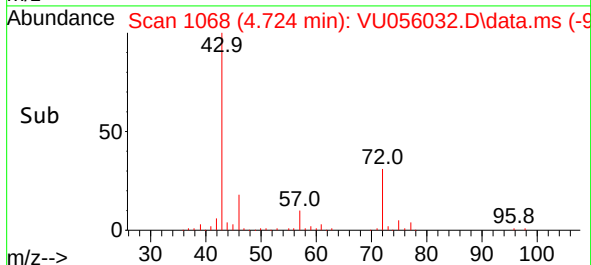
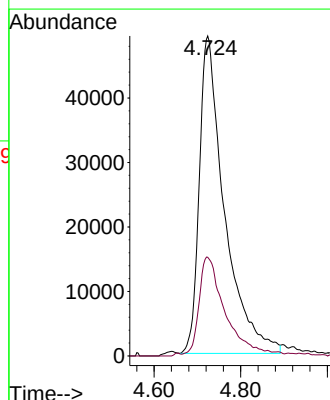
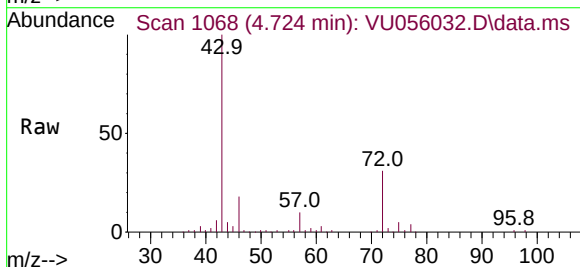
Instrument :
MSVOA_U
ClientSampleId :

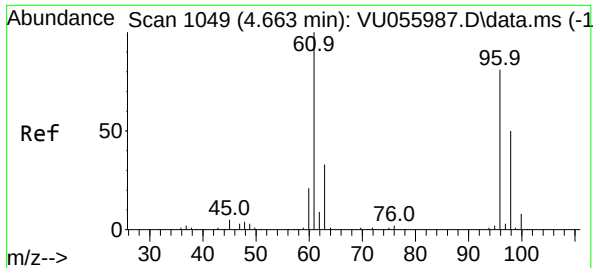
Tgt Ion: 63 Resp: 174003
Ion Ratio Lower Upper
63 100
65 33.3 23.3 43.3
83 14.5 10.5 19.5



#21
2-Butanone
Concen: 49.845 ug/L
RT: 4.724 min Scan# 1068
Delta R.T. 0.010 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

Tgt Ion: 43 Resp: 198391
Ion Ratio Lower Upper
43 100
72 30.2 14.4 43.4

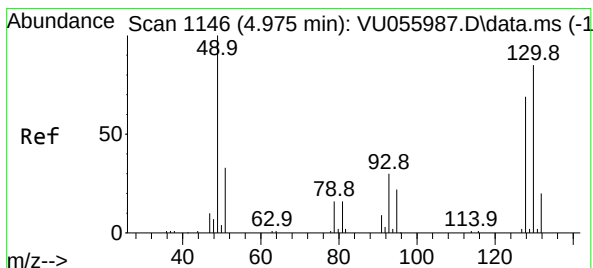
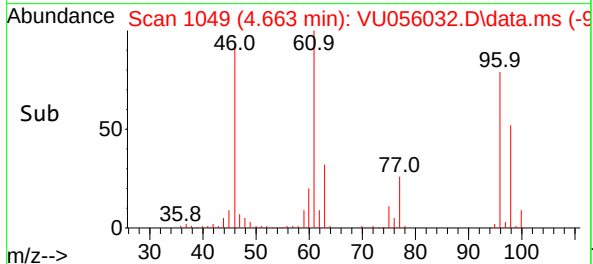
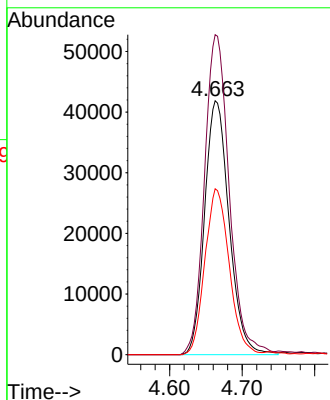
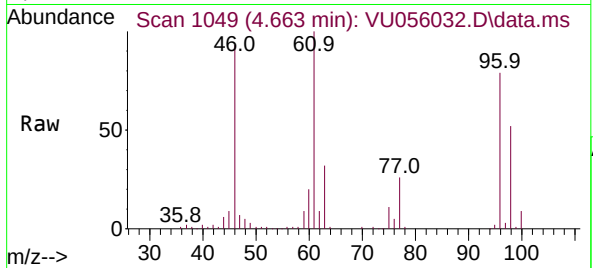




#22
 cis-1,2-Dichloroethene
 Concen: 5.025 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU056032.D
 Acq: 01 Nov 2023 09:29

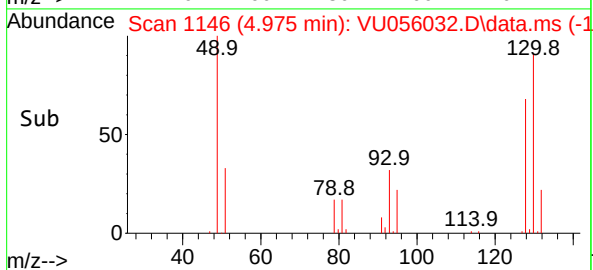
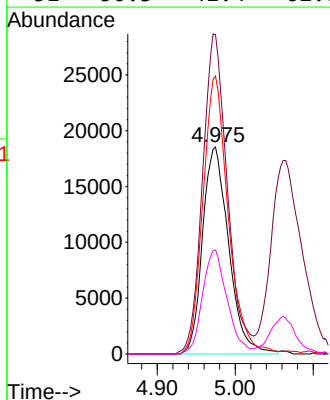
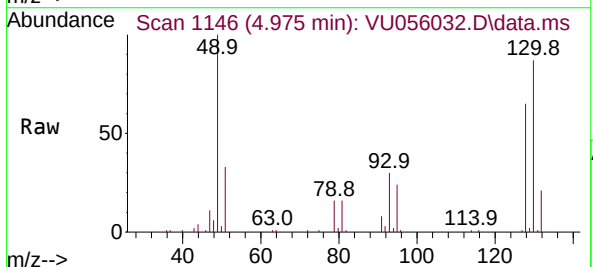
Instrument :
 MSVOA_U
 ClientSampleId :

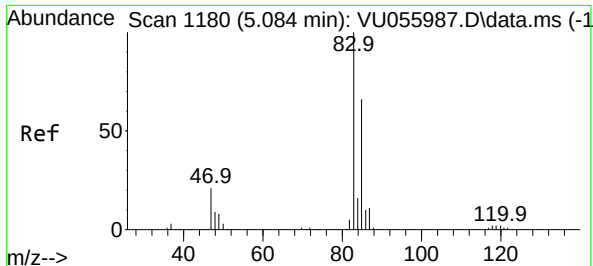
Tgt Ion: 96 Resp: 98434
 Ion Ratio Lower Upper
 96 100
 61 126.0 93.8 174.2
 98 65.3 45.6 84.8



#23
 Bromochloromethane
 Concen: 5.408 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.003 min
 Lab File: VU056032.D
 Acq: 01 Nov 2023 09:29

Tgt Ion:128 Resp: 43159
 Ion Ratio Lower Upper
 128 100
 49 154.4 108.7 201.9
 130 134.4 91.5 169.9
 51 50.3 41.4 62.0





#25

Chloroform

Concen: 5.688 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU056032.D

Acq: 01 Nov 2023 09:29

Instrument :

MSVOA_U

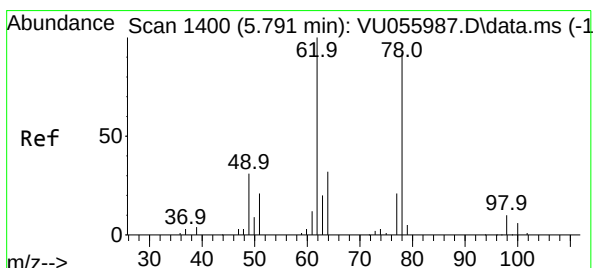
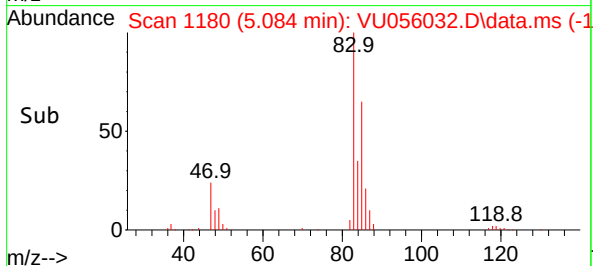
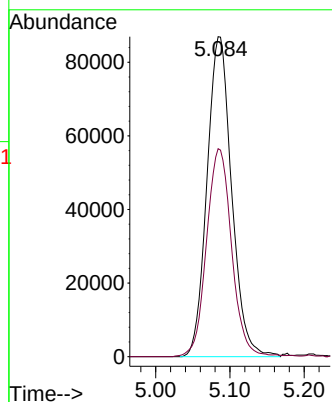
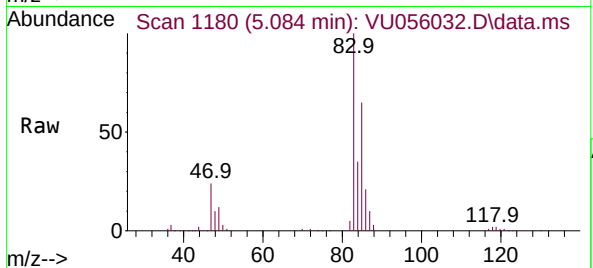
ClientSampleId :

Tgt Ion: 83 Resp: 200347

Ion Ratio Lower Upper

83 100

85 65.0 45.6 84.8



#27

1,2-Dichloroethane

Concen: 4.912 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU056032.D

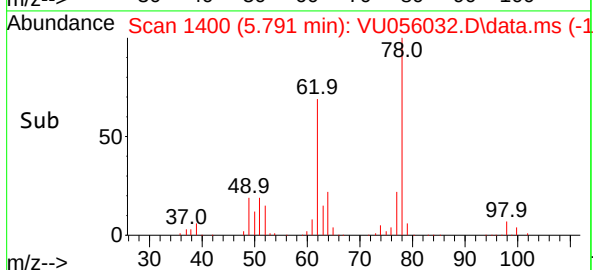
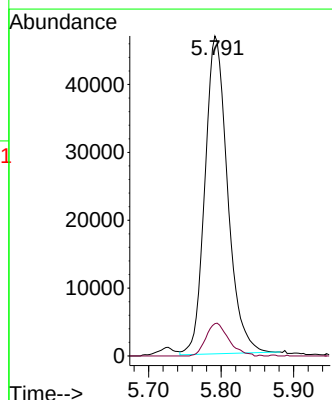
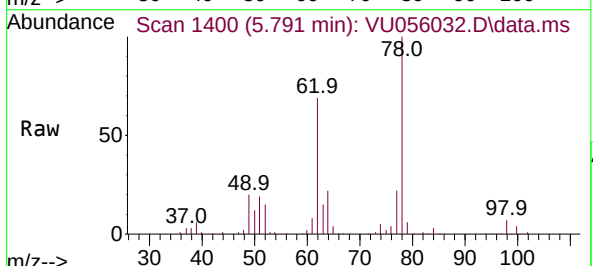
Acq: 01 Nov 2023 09:29

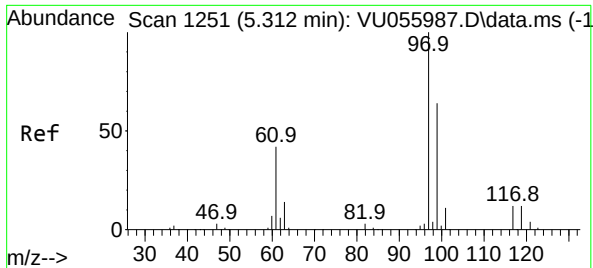
Tgt Ion: 62 Resp: 101651

Ion Ratio Lower Upper

62 100

98 10.1 7.4 11.2



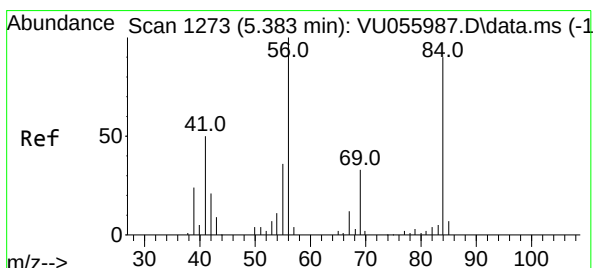
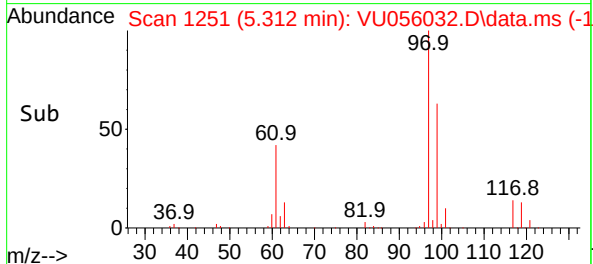
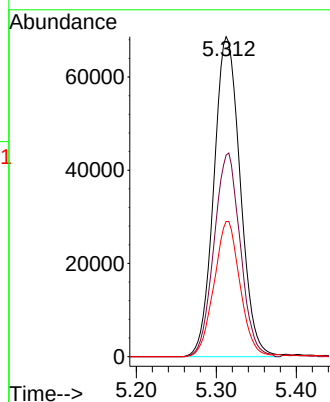
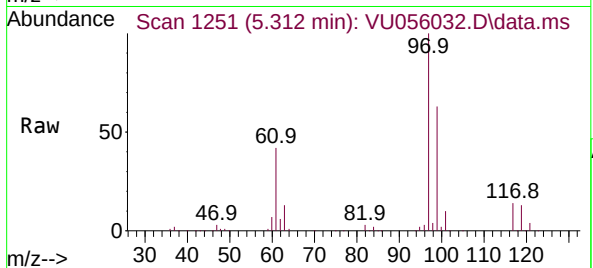


#29
1,1,1-Trichloroethane
Concen: 5.344 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 157077

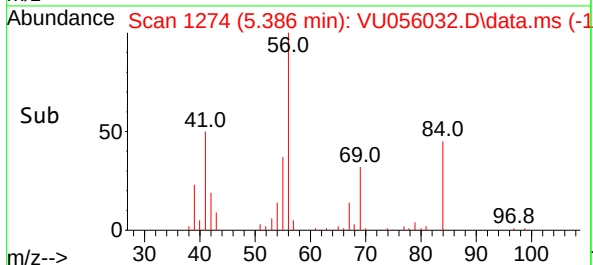
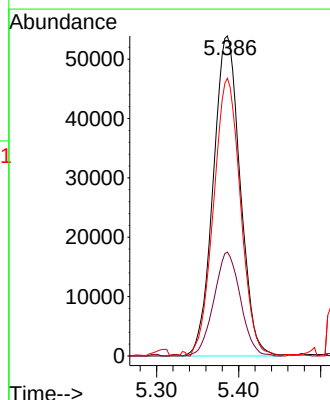
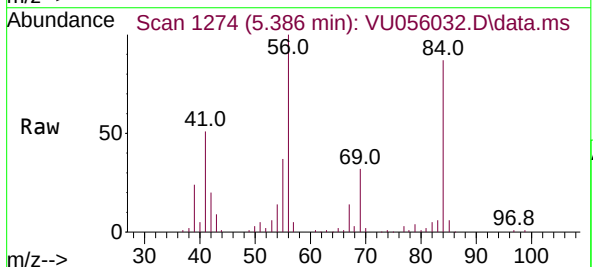
Ion	Ratio	Lower	Upper
97	100		
99	63.4	50.8	76.2
61	41.6	35.0	52.4

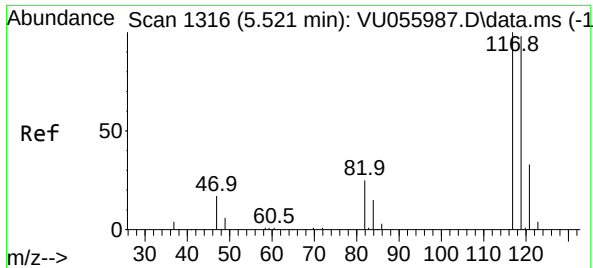


#30
Cyclohexane
Concen: 4.947 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. -0.000 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

Tgt Ion: 56 Resp: 122674

Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.4	38.2
84	86.7	71.0	106.6

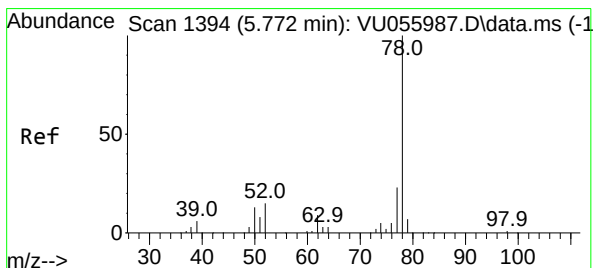
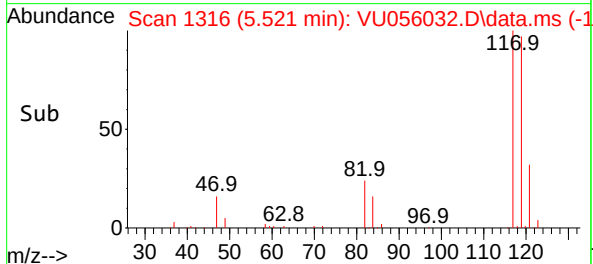
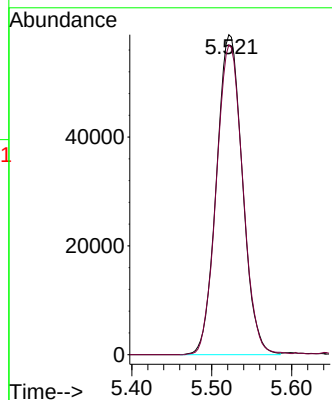
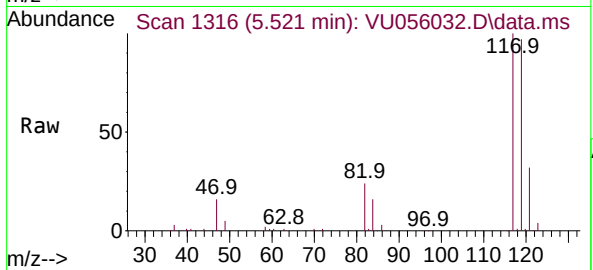




#31
Carbon tetrachloride
Concen: 5.292 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

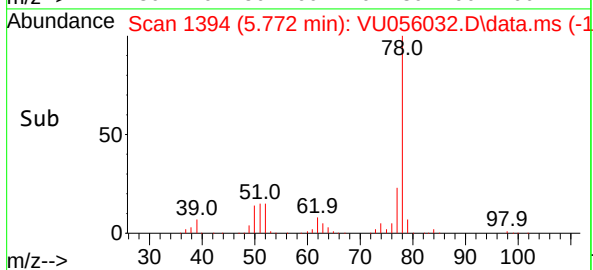
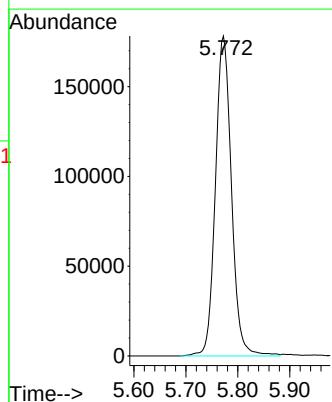
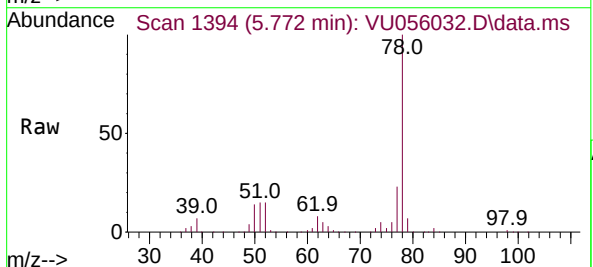
Instrument :
MSVOA_U
ClientSampleId :

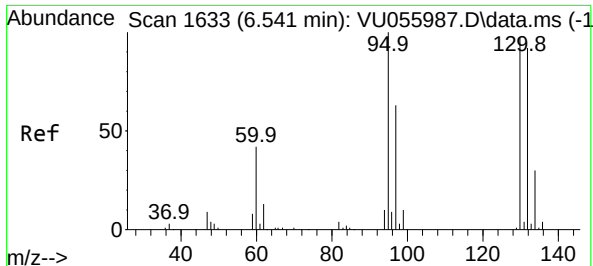
Tgt Ion:117 Resp: 132667
Ion Ratio Lower Upper
117 100
119 98.5 75.1 112.7



#33
Benzene
Concen: 5.376 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

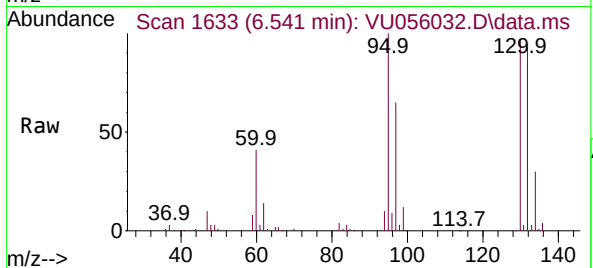
Tgt Ion: 78 Resp: 382574



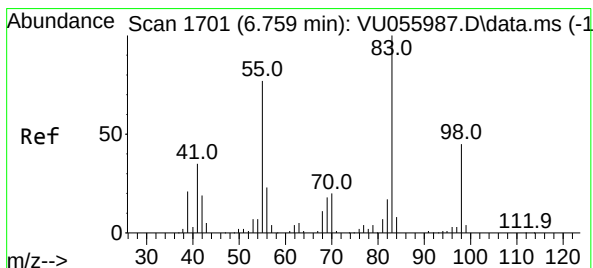
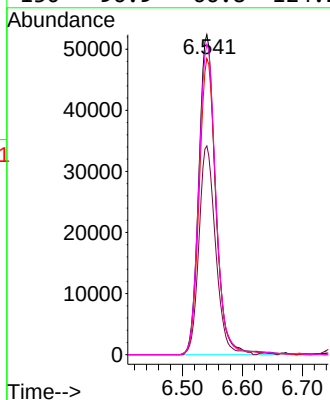
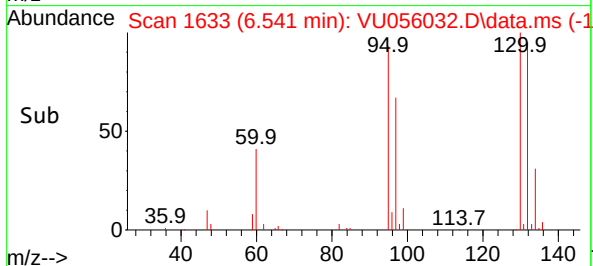


#34
Trichloroethene
Concen: 5.139 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

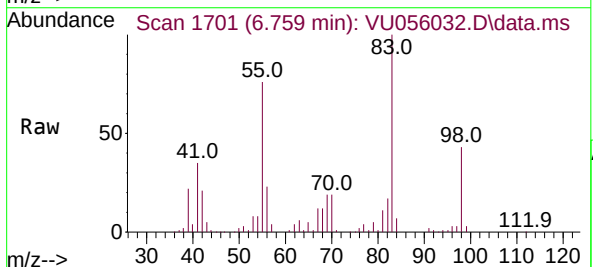
Instrument :
MSVOA_U
ClientSampleId :



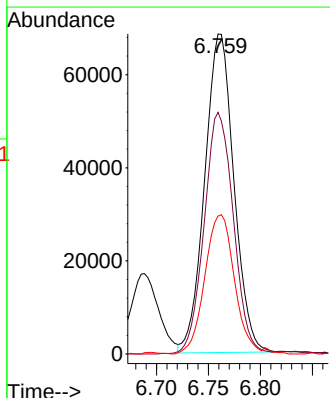
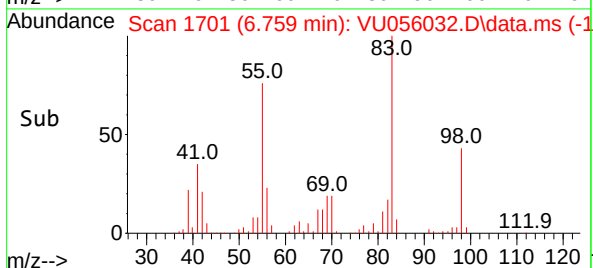
Tgt Ion: 95 Resp: 102309
Ion Ratio Lower Upper
95 100
97 65.3 45.4 84.2
132 92.5 63.9 118.7
130 96.9 66.8 124.2

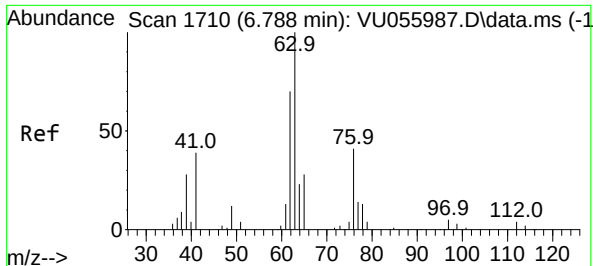


#35
Methylcyclohexane
Concen: 4.985 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29



Tgt Ion: 83 Resp: 133931
Ion Ratio Lower Upper
83 100
55 76.0 62.4 93.6
98 44.2 37.4 56.2

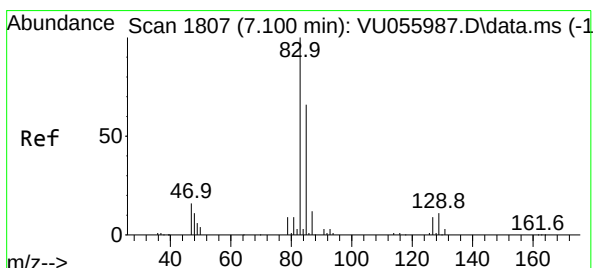
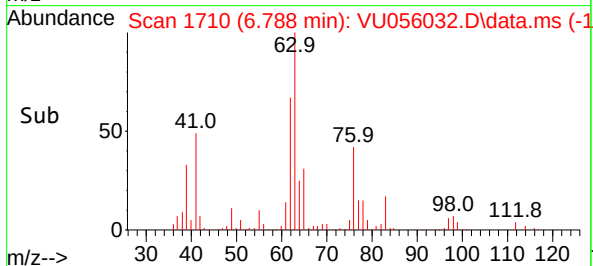
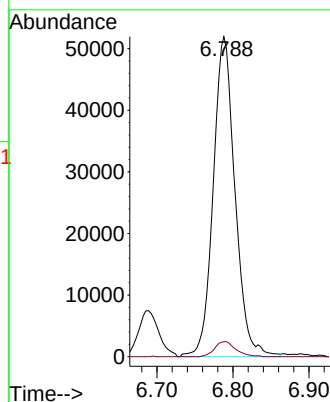
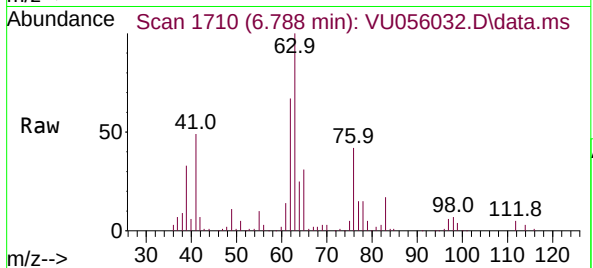




#37
1,2-Dichloropropane
Concen: 5.473 ug/L
RT: 6.788 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

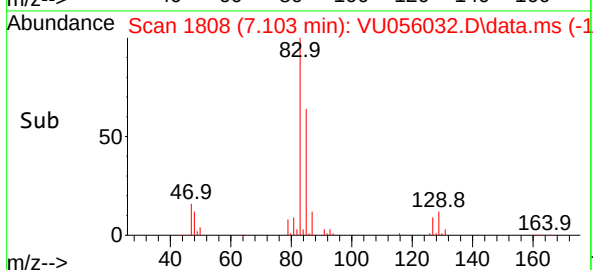
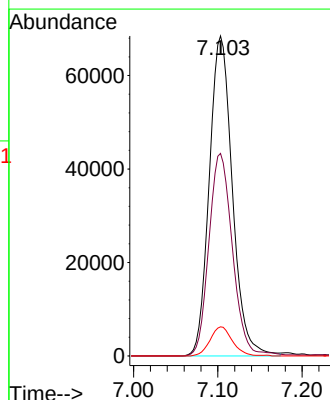
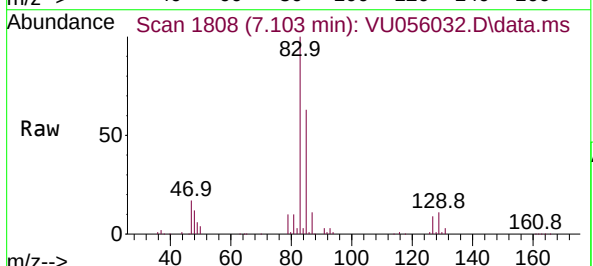
Instrument :
MSVOA_U
ClientSampleId :

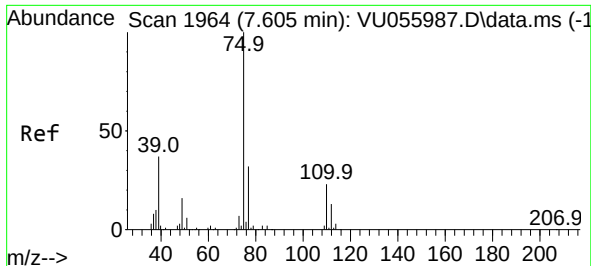
Tgt Ion: 63 Resp: 103416
Ion Ratio Lower Upper
63 100
112 4.6 3.1 4.7



#38
Bromodichloromethane
Concen: 5.502 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

Tgt Ion: 83 Resp: 130521
Ion Ratio Lower Upper
83 100
85 63.3 44.9 83.3
127 9.1 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.199 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU056032.D

Acq: 01 Nov 2023 09:29

Instrument :

MSVOA_U

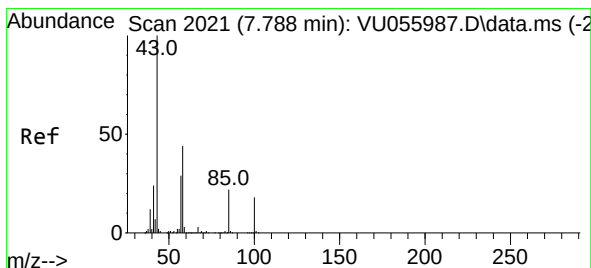
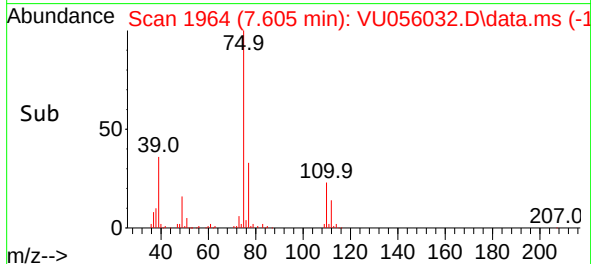
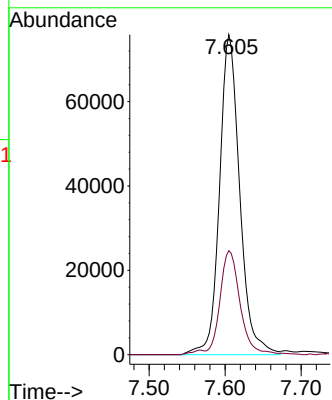
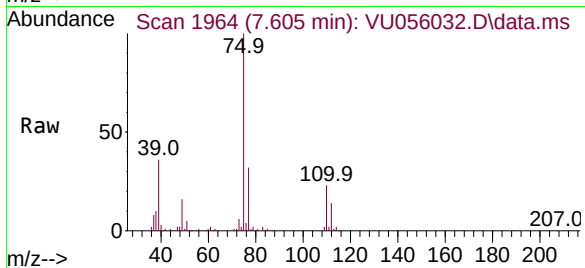
ClientSampleId :

Tgt Ion: 75 Resp: 139966

Ion Ratio Lower Upper

75 100

77 32.5 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 51.189 ug/L

RT: 7.791 min Scan# 2022

Delta R.T. 0.003 min

Lab File: VU056032.D

Acq: 01 Nov 2023 09:29

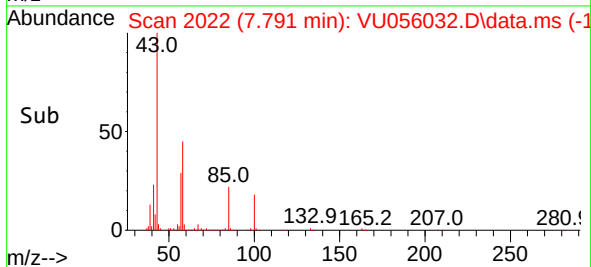
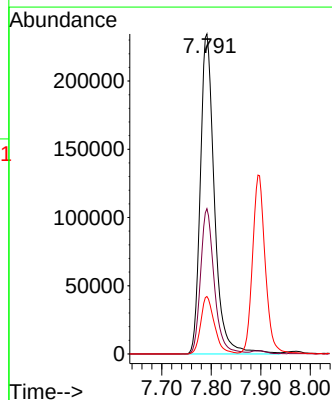
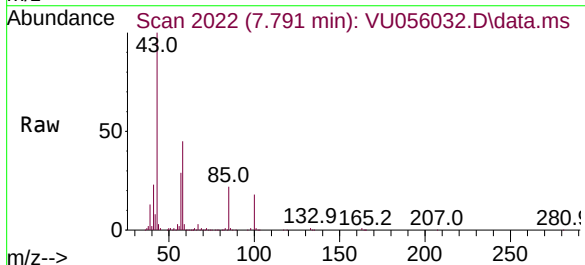
Tgt Ion: 43 Resp: 466288

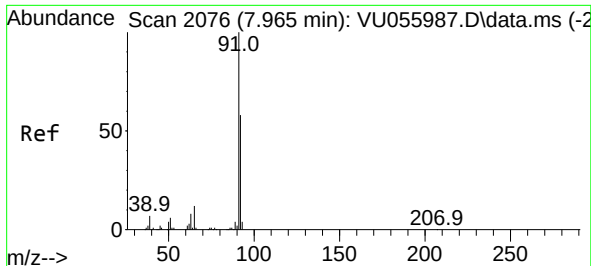
Ion Ratio Lower Upper

43 100

58 44.0 34.0 51.0

100 17.5 13.0 19.6





#42

Toluene

Concen: 5.464 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU056032.D

Acq: 01 Nov 2023 09:29

Instrument :

MSVOA_U

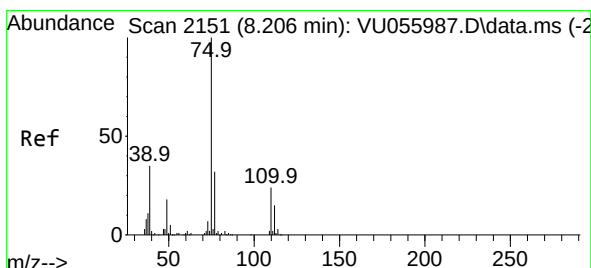
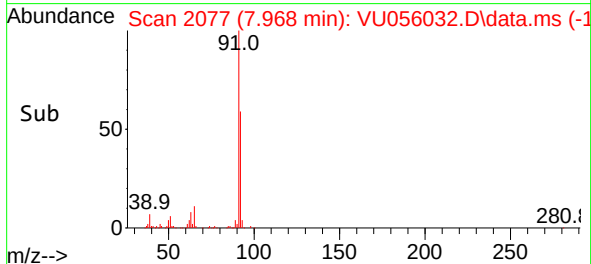
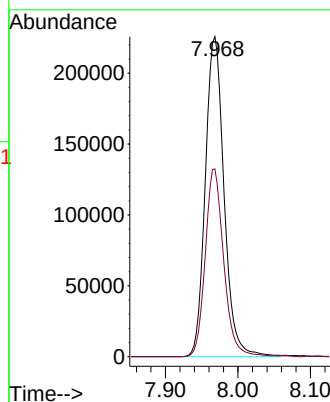
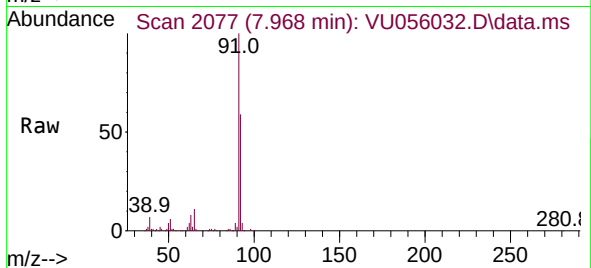
ClientSampleId :

Tgt Ion: 91 Resp: 406408

Ion Ratio Lower Upper

91 100

92 58.6 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.247 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. -0.000 min

Lab File: VU056032.D

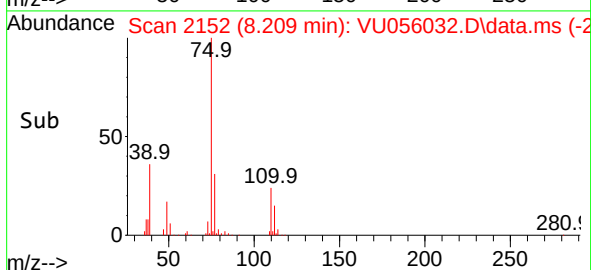
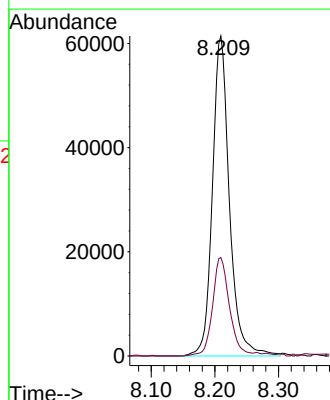
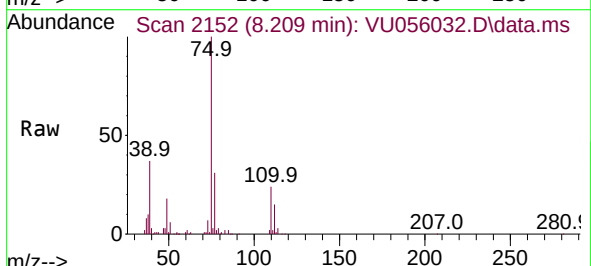
Acq: 01 Nov 2023 09:29

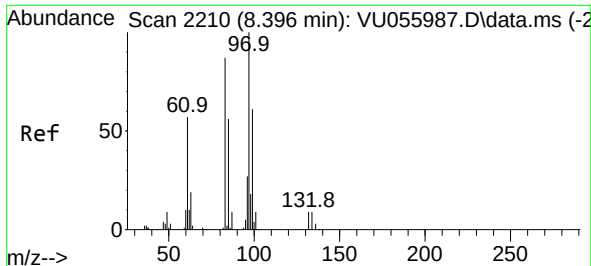
Tgt Ion: 75 Resp: 114025

Ion Ratio Lower Upper

75 100

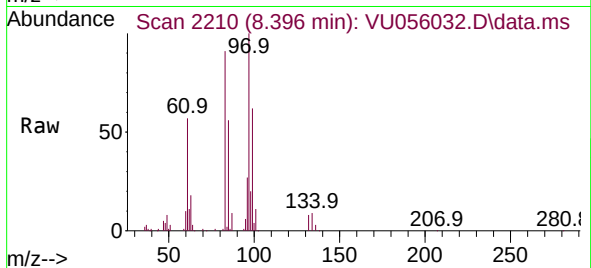
77 30.7 21.7 40.3



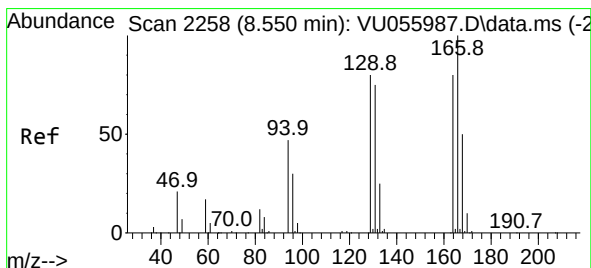
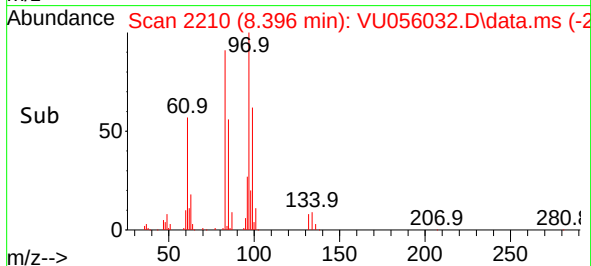
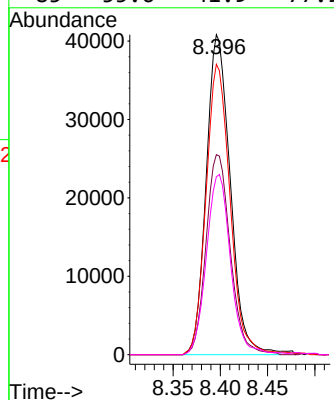


#45
1,1,2-Trichloroethane
Concen: 5.434 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

Instrument :
MSVOA_U
ClientSampleId :

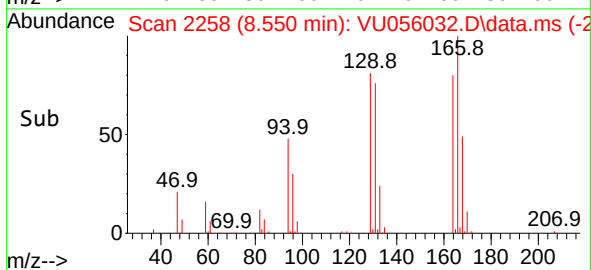
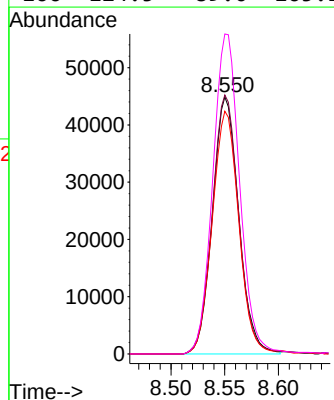
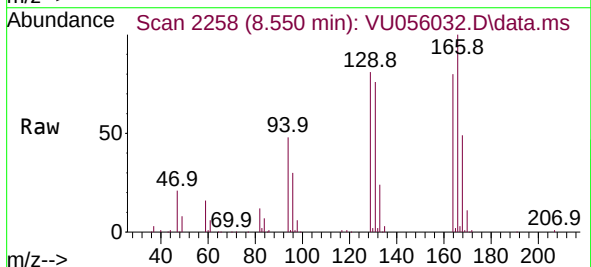


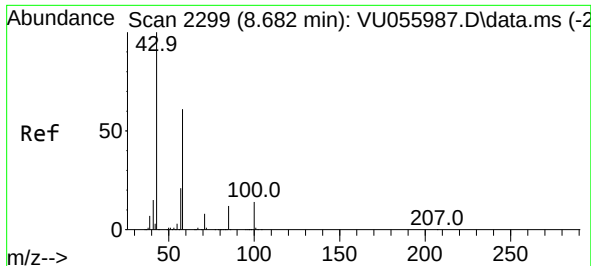
Tgt Ion: 97	Resp: 72196
Ion Ratio	Lower Upper
97 100	
99 62.5	45.3 84.1
83 90.8	61.9 115.1
85 55.6	41.9 77.9



#47
Tetrachloroethene
Concen: 5.461 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

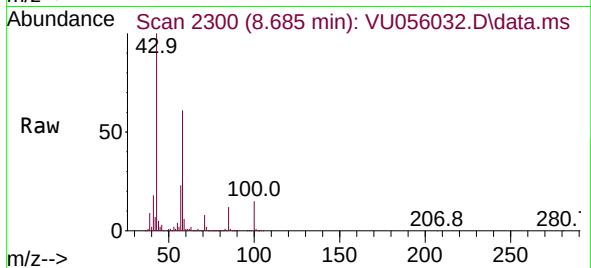
Tgt	Ion:164	Resp:	76135
Ion	Ratio	Lower	Upper
164	100		
129	100.8	72.2	134.0
131	94.4	70.8	131.6
166	124.5	89.0	165.2



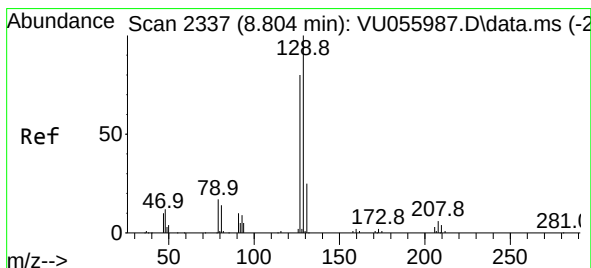
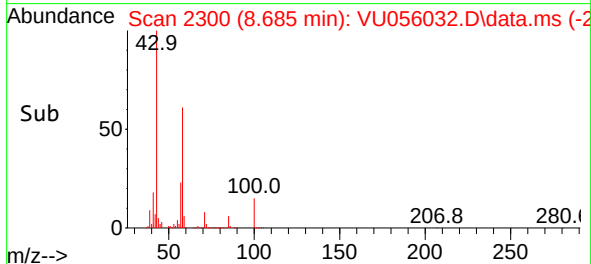
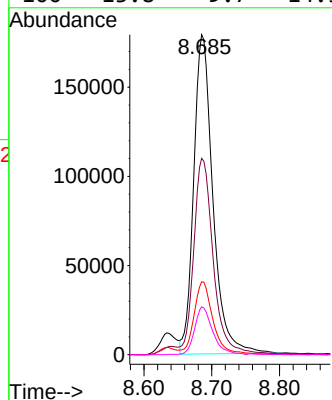


#48
2-Hexanone
Concen: 49.320 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

Instrument :
MSVOA_U
ClientSampleId :

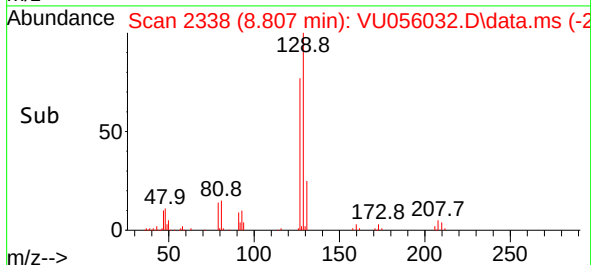
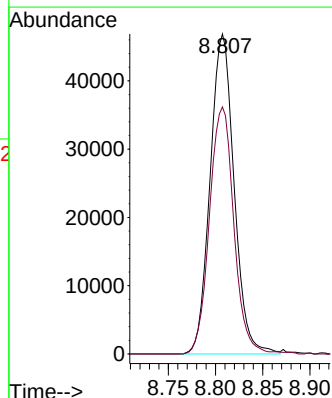
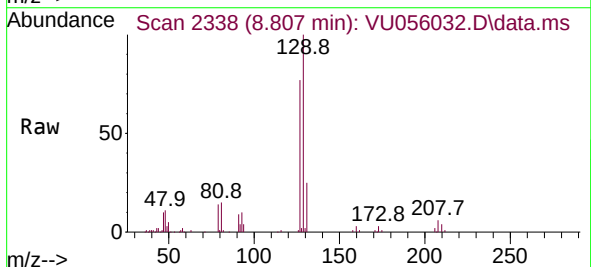


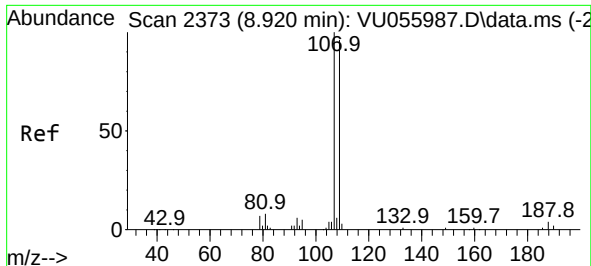
Tgt Ion: 43 Resp: 353243
Ion Ratio Lower Upper
43 100
58 61.6 49.5 74.3
57 22.2 16.9 25.3
100 13.8 9.7 14.5



#49
Dibromochloromethane
Concen: 5.672 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

Tgt Ion:129 Resp: 82731
Ion Ratio Lower Upper
129 100
127 77.2 53.5 99.5





#50

1,2-Dibromoethane

Concen: 5.446 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056032.D

Acq: 01 Nov 2023 09:29

Instrument :

MSVOA_U

ClientSampleId :

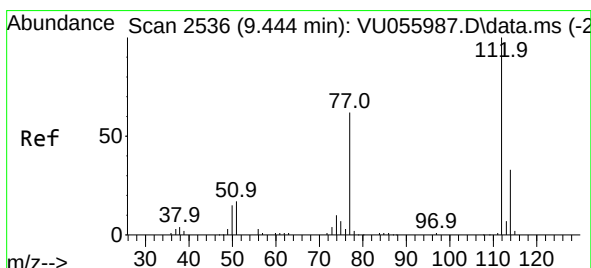
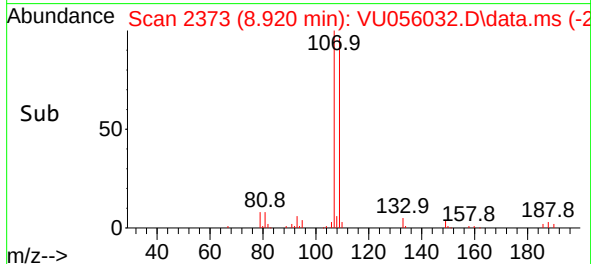
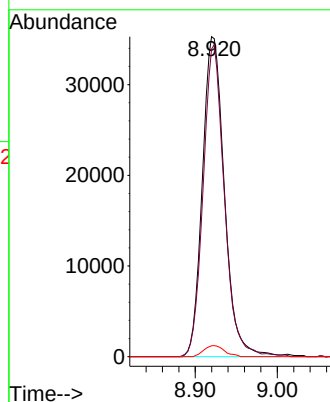
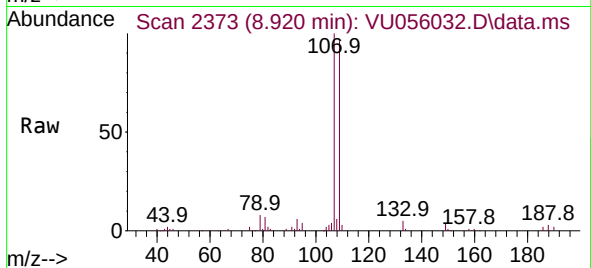
Tgt Ion:107 Resp: 65663

Ion Ratio Lower Upper

107 100

109 96.2 65.0 120.6

188 3.4 2.5 3.7



#51

Chlorobenzene

Concen: 5.283 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

Lab File: VU056032.D

Acq: 01 Nov 2023 09:29

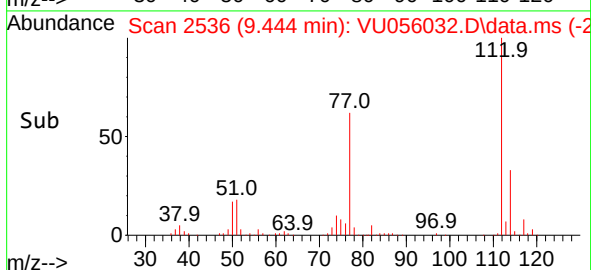
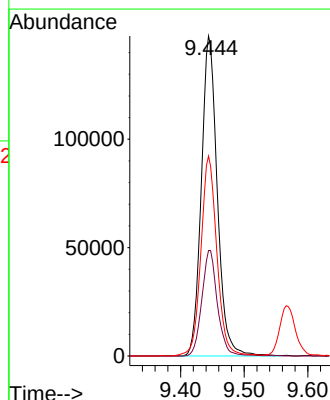
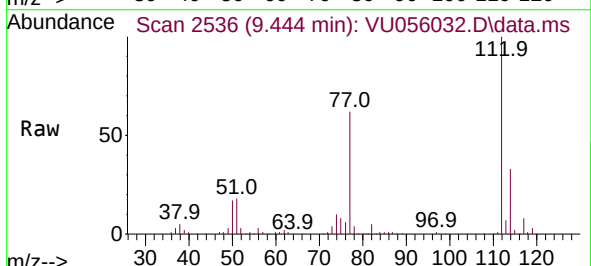
Tgt Ion:112 Resp: 257537

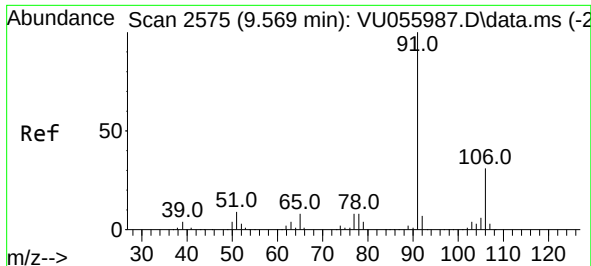
Ion Ratio Lower Upper

112 100

114 33.0 22.3 41.5

77 62.5 49.9 74.9

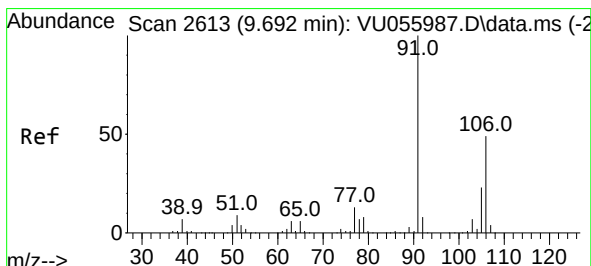
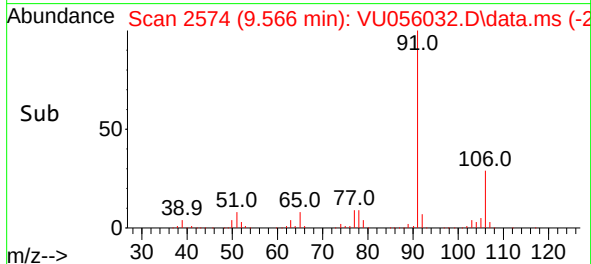
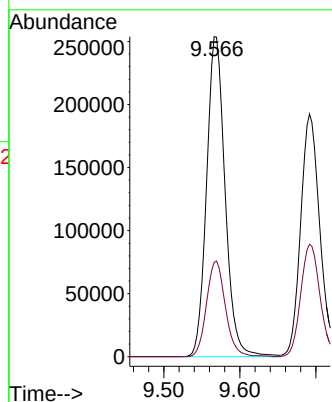
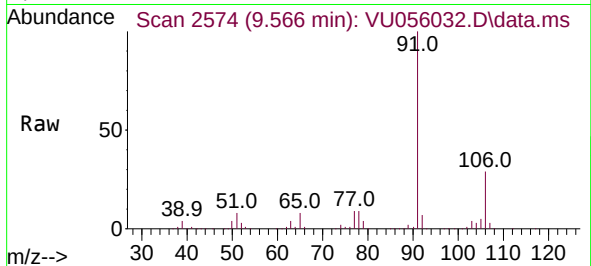




#52
Ethylbenzene
Concen: 5.091 ug/L
RT: 9.566 min Scan# 2575
Delta R.T. -0.000 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

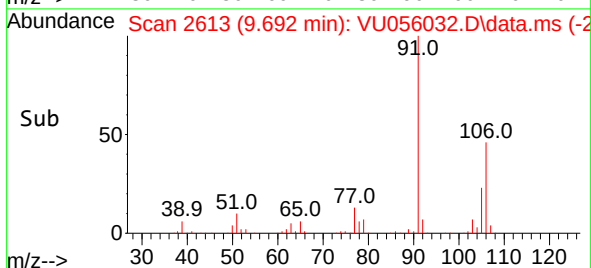
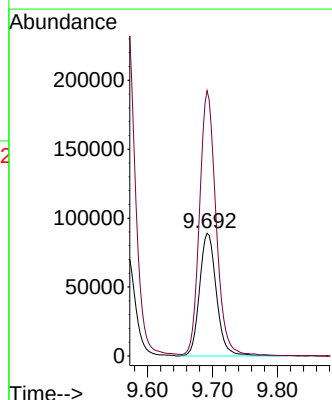
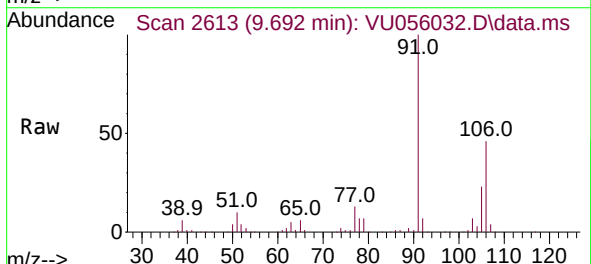
Instrument :
MSVOA_U
ClientSampleId :

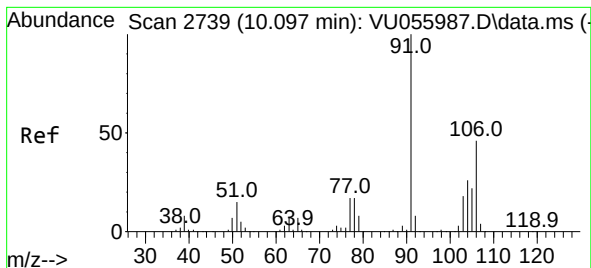
Tgt Ion: 91 Resp: 429221
Ion Ratio Lower Upper
91 100
106 29.5 21.3 39.5



#53
m,p-Xylene
Concen: 5.108 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

Tgt Ion: 106 Resp: 160947
Ion Ratio Lower Upper
106 100
91 216.2 150.4 279.2





#54

o-Xylene

Concen: 5.183 ug/L

RT: 10.097 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056032.D

Acq: 01 Nov 2023 09:29

Instrument :

MSVOA_U

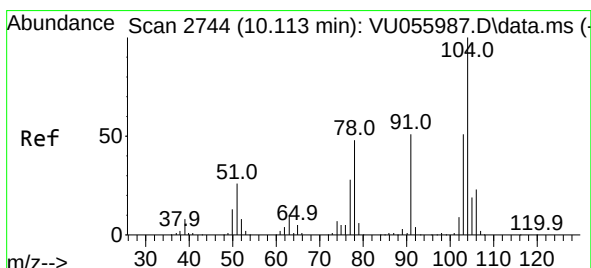
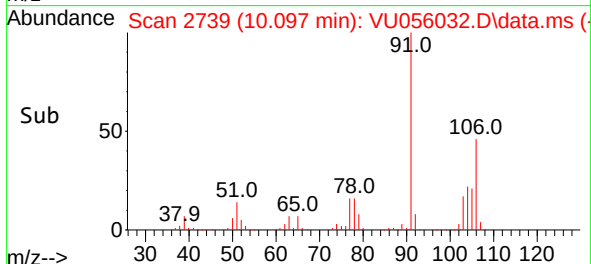
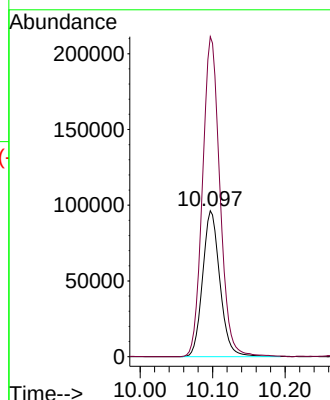
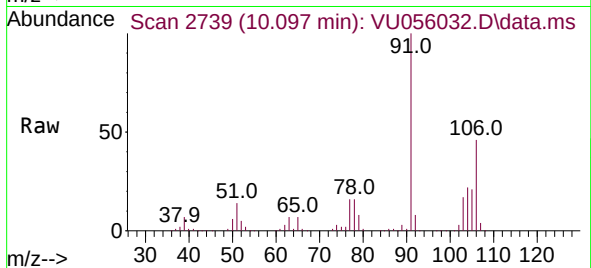
ClientSampleId :

Tgt Ion:106 Resp: 159799

Ion Ratio Lower Upper

106 100

91 219.4 154.6 287.2



#55

Styrene

Concen: 5.390 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. -0.000 min

Lab File: VU056032.D

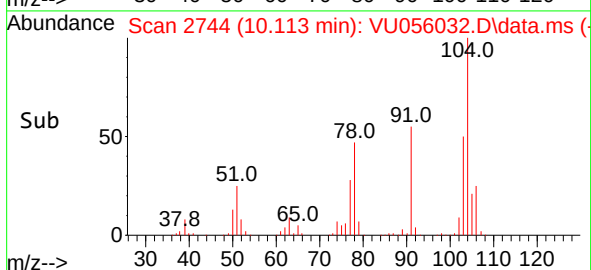
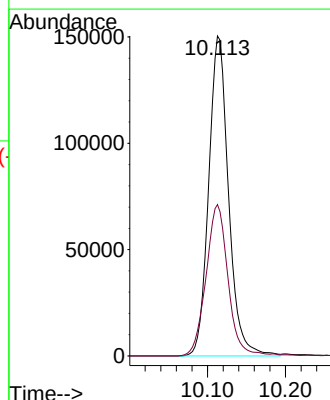
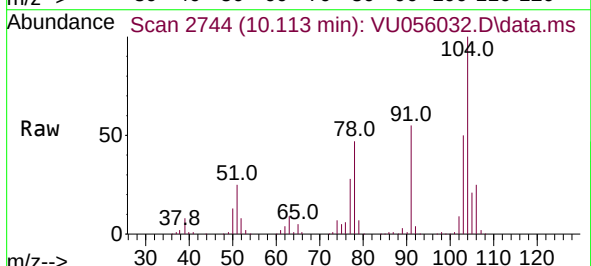
Acq: 01 Nov 2023 09:29

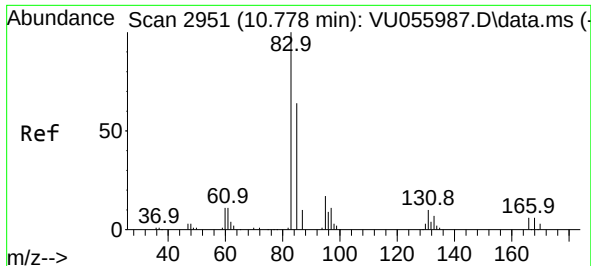
Tgt Ion:104 Resp: 266396

Ion Ratio Lower Upper

104 100

78 47.3 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.681 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU056032.D

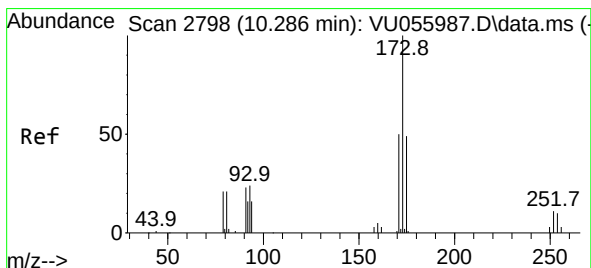
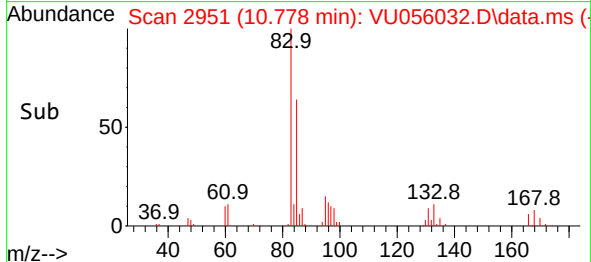
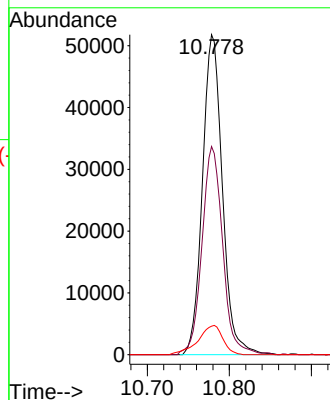
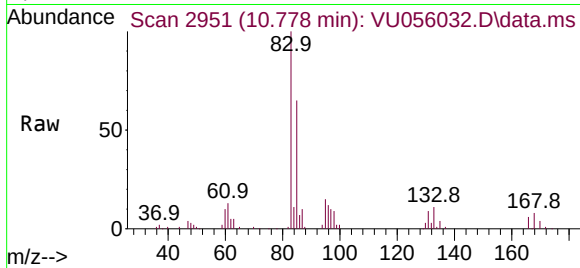
Acq: 01 Nov 2023 09:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	87378
Ion Ratio	Lower	Upper	
83	100		
85	65.0	46.2	85.8
131	8.9	7.2	10.8



#59

Bromoform

Concen: 6.251 ug/L

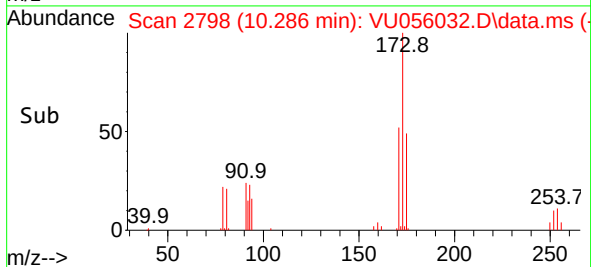
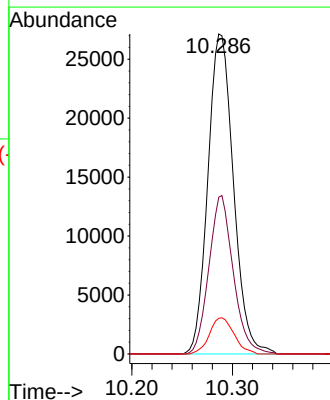
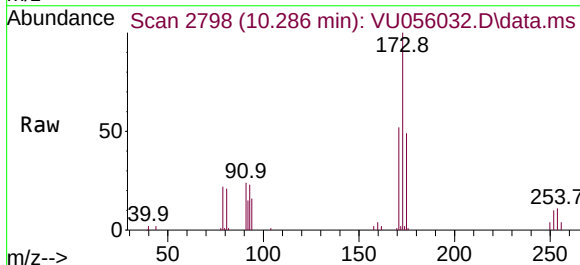
RT: 10.286 min Scan# 2798

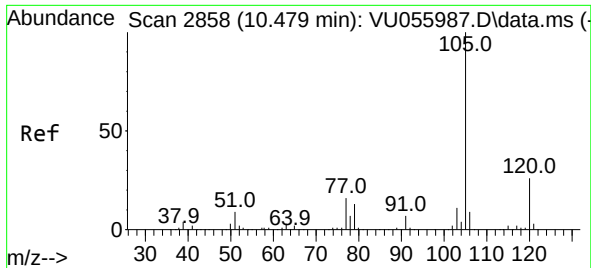
Delta R.T. -0.003 min

Lab File: VU056032.D

Acq: 01 Nov 2023 09:29

Tgt Ion:	173	Resp:	47959
Ion Ratio	Lower	Upper	
173	100		
175	47.1	37.8	56.6
254	10.9	7.4	11.0

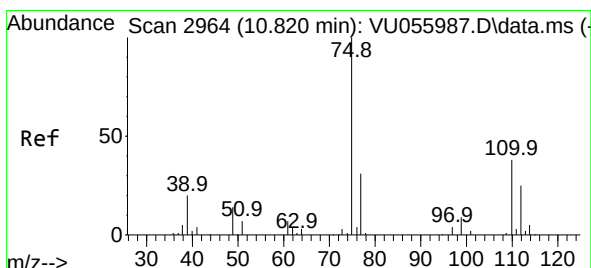
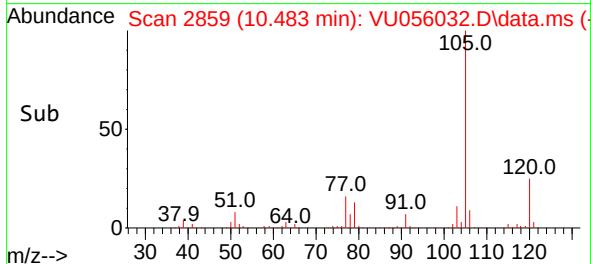
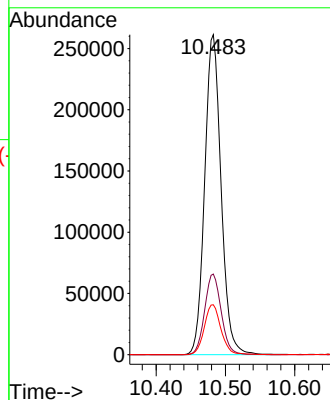
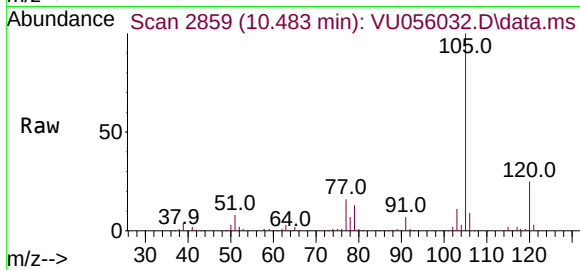




#60
Isopropylbenzene
Concen: 5.705 ug/L
RT: 10.483 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

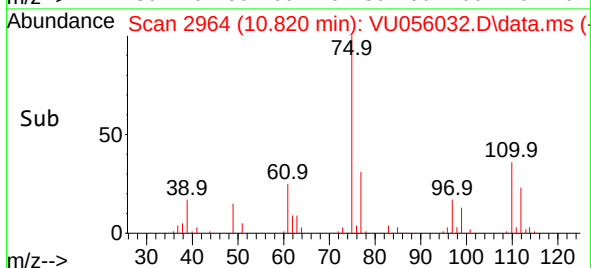
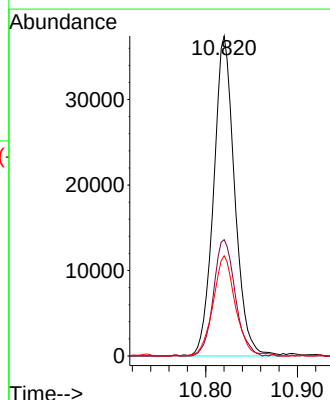
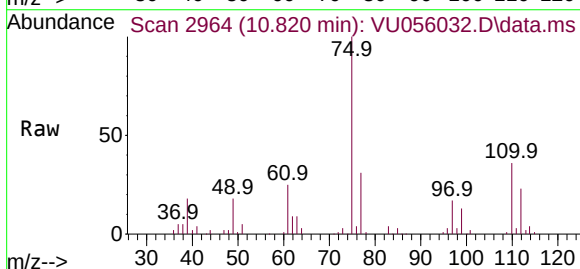
Instrument :
MSVOA_U
ClientSampleId :

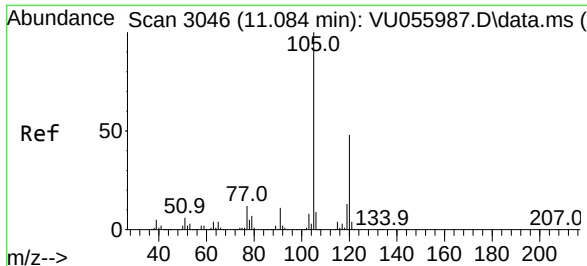
Tgt Ion:105 Resp: 428692
Ion Ratio Lower Upper
105 100
120 25.5 20.2 30.4
77 16.0 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.758 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. -0.000 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

Tgt Ion: 75 Resp: 59615
Ion Ratio Lower Upper
75 100
110 37.5 29.0 43.6
77 33.3 24.5 36.7

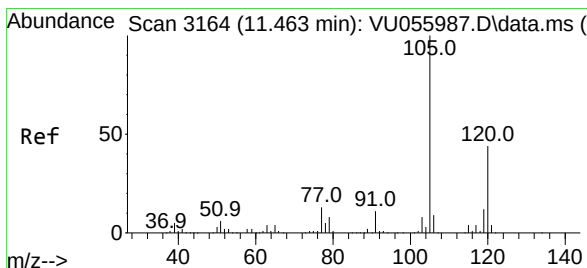
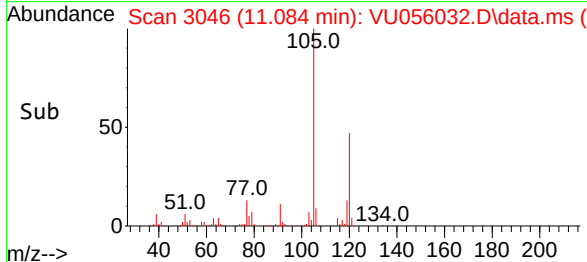
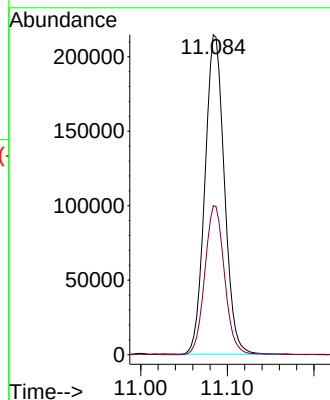
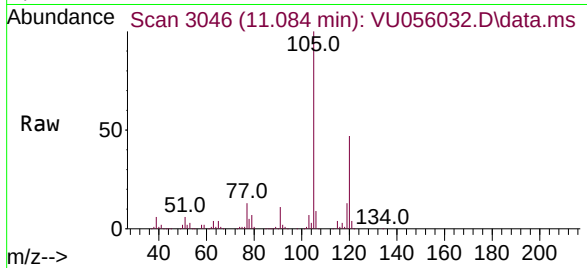




#62
 1,3,5-Trimethylbenzene
 Concen: 5.434 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU056032.D
 Acq: 01 Nov 2023 09:29

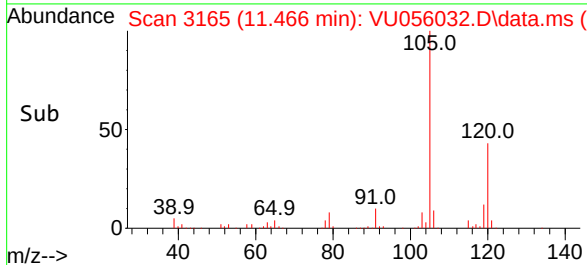
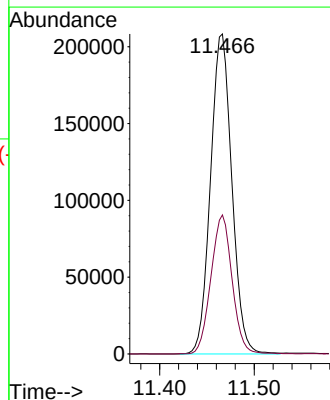
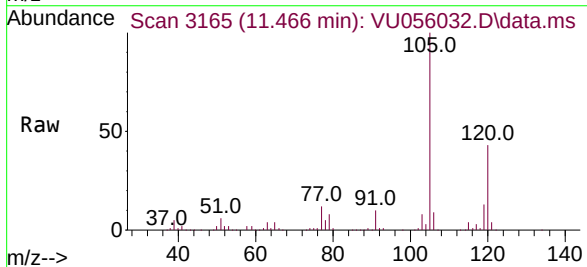
Instrument :
 MSVOA_U
 ClientSampleId :

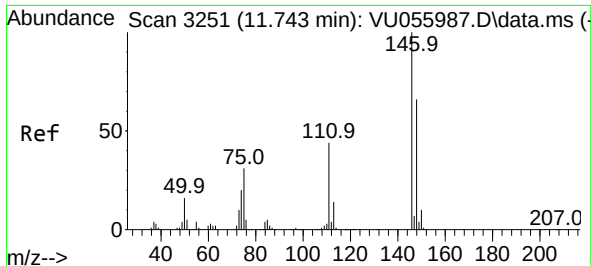
Tgt Ion:105 Resp: 333723
 Ion Ratio Lower Upper
 105 100
 120 47.3 37.4 56.2



#63
 1,2,4-Trimethylbenzene
 Concen: 5.722 ug/L
 RT: 11.466 min Scan# 3165
 Delta R.T. 0.003 min
 Lab File: VU056032.D
 Acq: 01 Nov 2023 09:29

Tgt Ion:105 Resp: 326464
 Ion Ratio Lower Upper
 105 100
 120 43.2 34.6 52.0

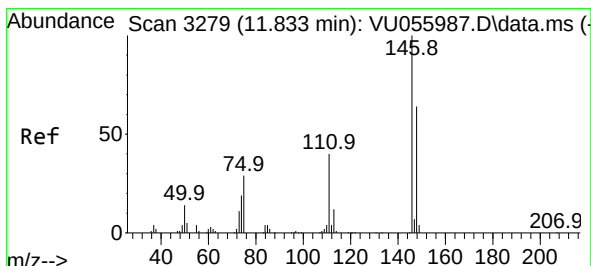
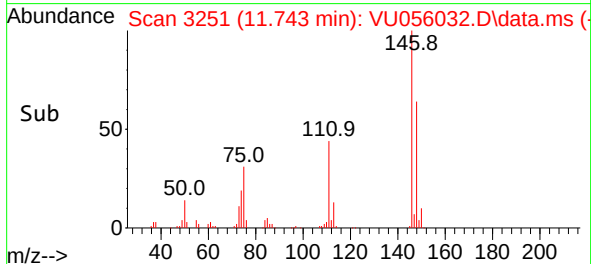
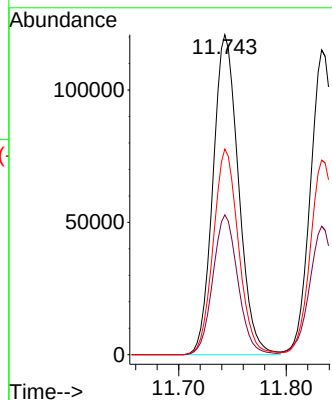
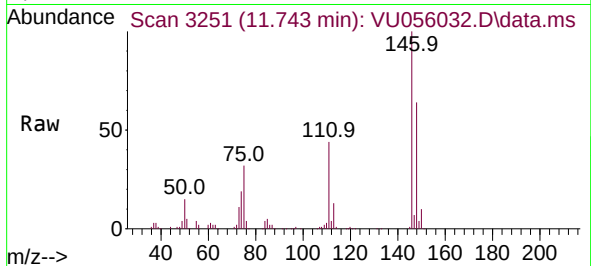




#64
1,3-Dichlorobenzene
Concen: 5.600 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

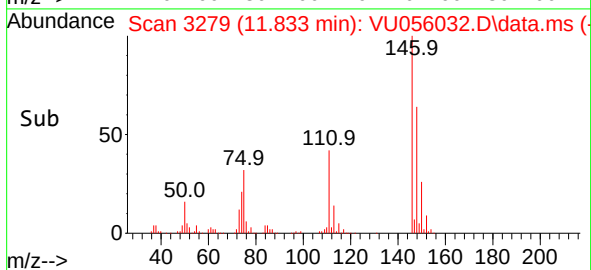
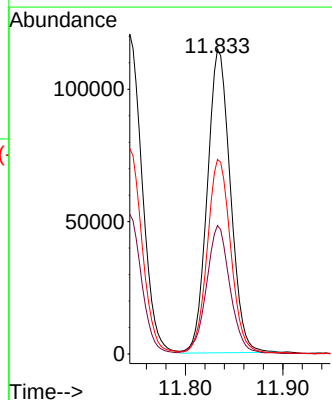
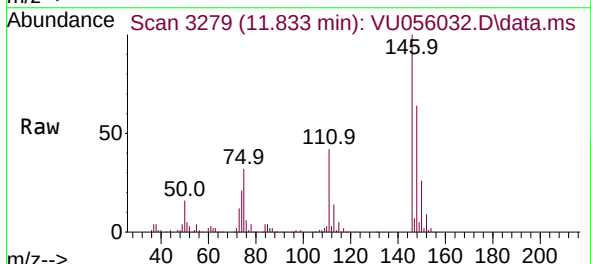
Instrument :
MSVOA_U
ClientSampleId :

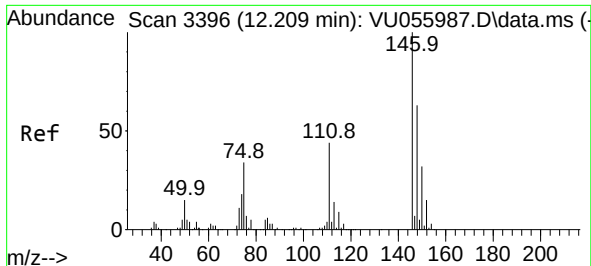
Tgt Ion:146 Resp: 199490
Ion Ratio Lower Upper
146 100
111 43.7 31.1 57.9
148 64.3 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 5.311 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056032.D
Acq: 01 Nov 2023 09:29

Tgt Ion:146 Resp: 188833
Ion Ratio Lower Upper
146 100
111 42.2 29.3 54.3
148 63.8 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 5.687 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU056032.D

Acq: 01 Nov 2023 09:29

Instrument :

MSVOA_U

ClientSampleId :

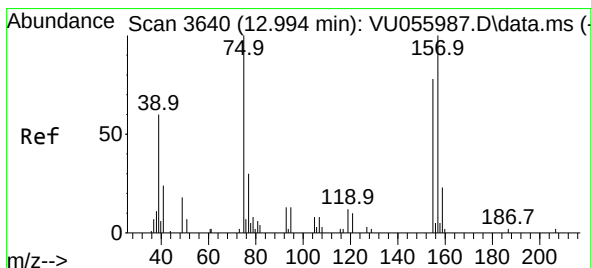
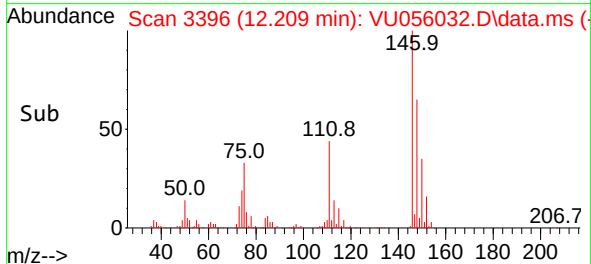
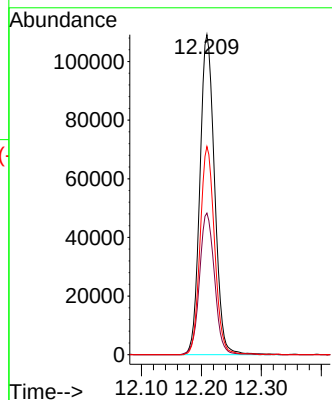
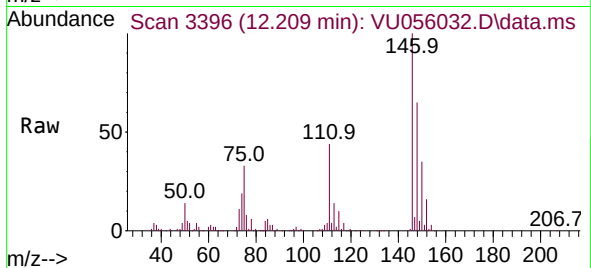
Tgt Ion:146 Resp: 186018

Ion Ratio Lower Upper

146 100

111 44.3 36.7 55.1

148 65.1 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 6.252 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU056032.D

Acq: 01 Nov 2023 09:29

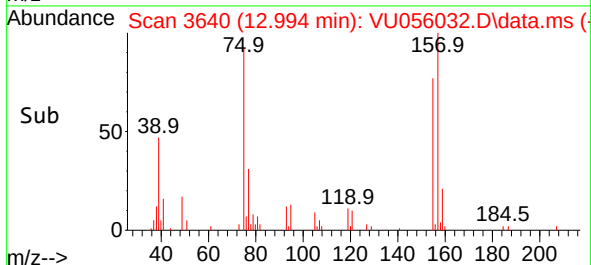
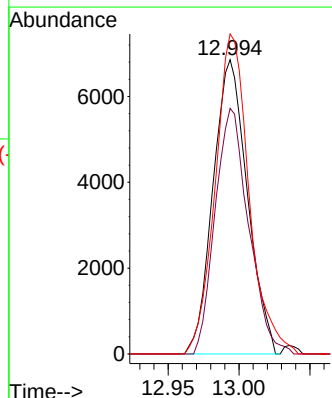
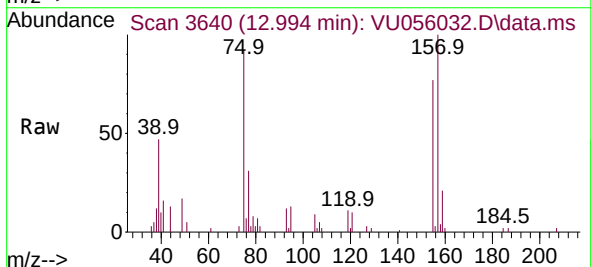
Tgt Ion: 75 Resp: 11551

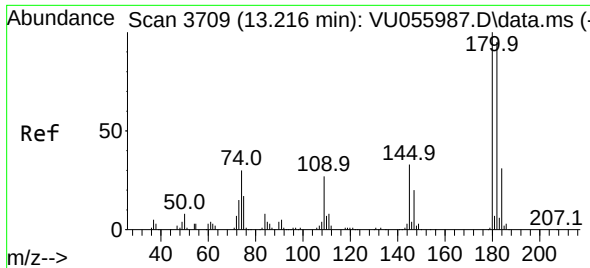
Ion Ratio Lower Upper

75 100

155 83.5 65.3 97.9

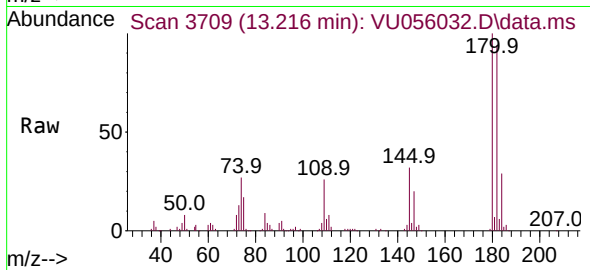
157 108.8 87.9 131.9



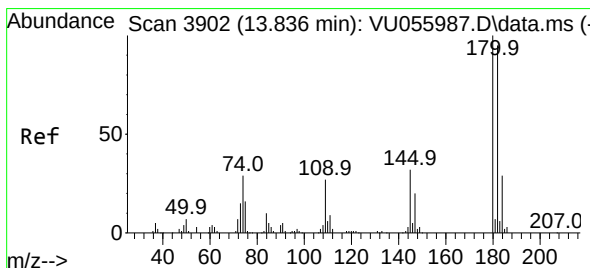
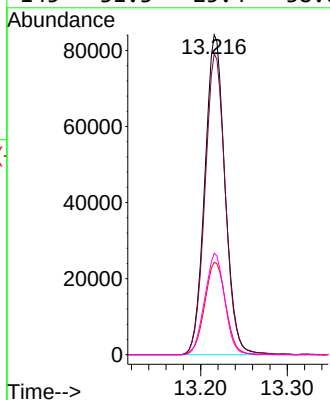
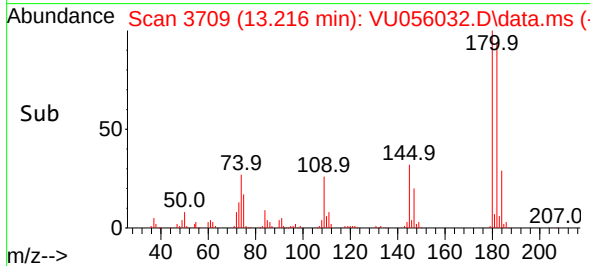


#69
 1,3,5-Trichlorobenzene
 Concen: 5.603 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU056032.D
 Acq: 01 Nov 2023 09:29

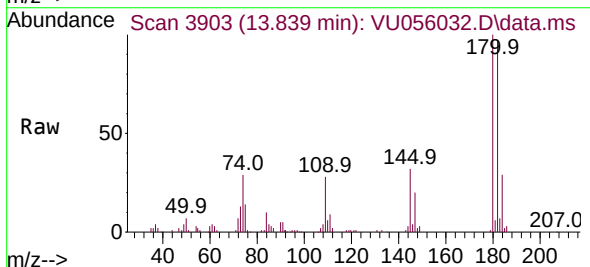
Instrument :
 MSVOA_U
 ClientSampleId :



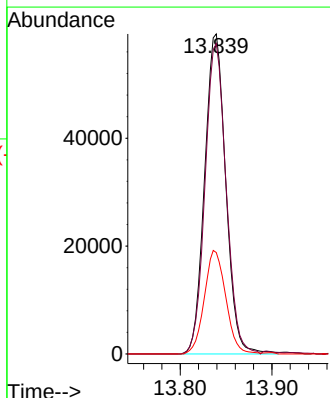
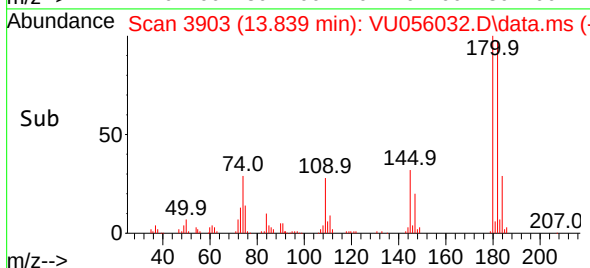
Tgt Ion:180 Resp: 136405
 Ion Ratio Lower Upper
 180 100
 182 94.7 74.7 112.1
 184 29.9 23.8 35.8
 145 31.3 25.4 38.0

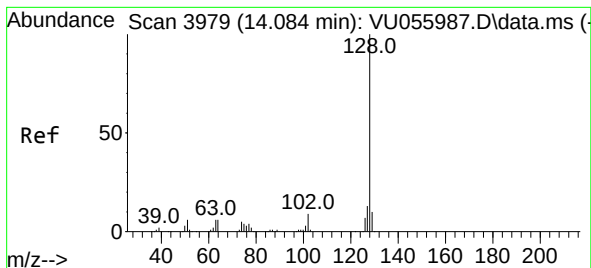


#70
 1,2,4-trichlorobenzene
 Concen: 5.295 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. -0.000 min
 Lab File: VU056032.D
 Acq: 01 Nov 2023 09:29



Tgt Ion:180 Resp: 95268
 Ion Ratio Lower Upper
 180 100
 182 96.7 76.1 114.1
 145 32.7 26.4 39.6





#71

Naphthalene

Concen: 4.982 ug/L

RT: 14.087 min Scan# 3979

Delta R.T. 0.003 min

Lab File: VU056032.D

Acq: 01 Nov 2023 09:29

Instrument :

MSVOA_U

ClientSampleId :

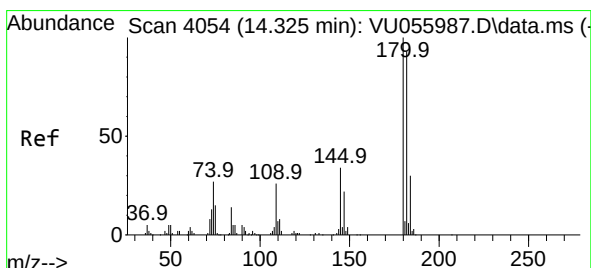
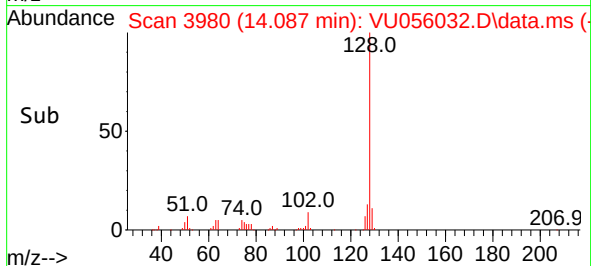
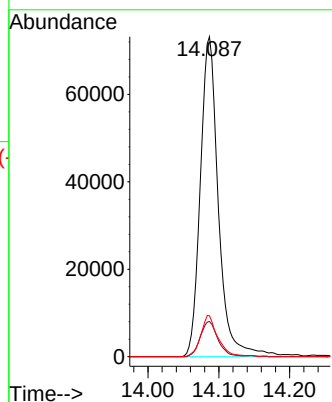
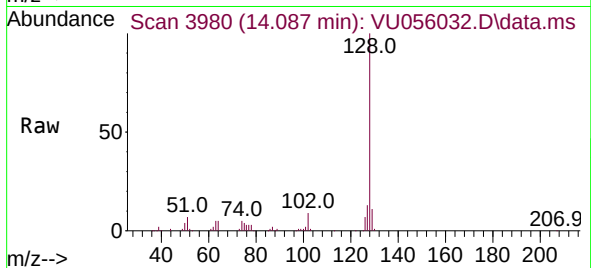
Tgt Ion:128 Resp: 129823

Ion Ratio Lower Upper

128 100

129 10.7 8.3 12.5

127 12.1 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 5.201 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU056032.D

Acq: 01 Nov 2023 09:29

Tgt Ion:180 Resp: 80684

Ion Ratio Lower Upper

180 100

182 94.9 74.6 112.0

145 33.9 27.4 41.2

