

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110323\
 Data File : VU056074.D
 Acq On : 03 Nov 2023 11:30
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 04 01:34:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 03 00:21:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	338143	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	320415	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	156200	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.602	65	104683	3.914	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.914	69	92237	4.424	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.567	65	46248	4.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.634	46	242137	50.742	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.480%
24) Chloroform-d	5.058	84	229598	4.632	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.702	65	106522	4.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.724	84	455037	4.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.689	67	136961	4.841	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.894	98	407517	4.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.177	79	53159	4.804	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.631	63	195603	69.632	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.260%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	105181	5.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	136628	4.688	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.387	85	86292	4.478	ug/L	97
3) Chloromethane	1.522	50	74390	4.043	ug/L	96
5) Vinyl chloride	1.605	62	85890	4.238	ug/L	97
6) Bromomethane	1.859	94	55505	4.421	ug/L	99
8) Chloroethane	1.936	64	56114	4.725	ug/L	99
9) Trichlorofluoromethane	2.139	101	139160	4.978	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.583	101	96545	5.258	ug/L	97
12) 1,1-Dichloroethene	2.583	96	80090	4.887	ug/L	81
13) Acetone	2.650	43	132047	48.559	ug/L	97
14) Carbon disulfide	2.795	76	174951	4.169	ug/L	99
15) Methyl Acetate	2.959	43	24671	4.453	ug/L #	85
16) Methylene chloride	3.046	84	101253	5.453	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	200062	5.030	ug/L	98
18) trans-1,2-Dichloroethene	3.354	96	80313	4.942	ug/L	97
19) 1,1-Dichloroethane	3.866	63	166900	5.058	ug/L	99
21) 2-Butanone	4.714	43	193315	48.360	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	98223	4.992	ug/L	90
23) Bromochloromethane	4.975	128	41603	5.190	ug/L	94
25) Chloroform	5.084	83	185792	5.252	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110323\
 Data File : VU056074.D
 Acq On : 03 Nov 2023 11:30
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 04 01:34:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 03 00:21:27 2023
 Response via : Initial Calibration

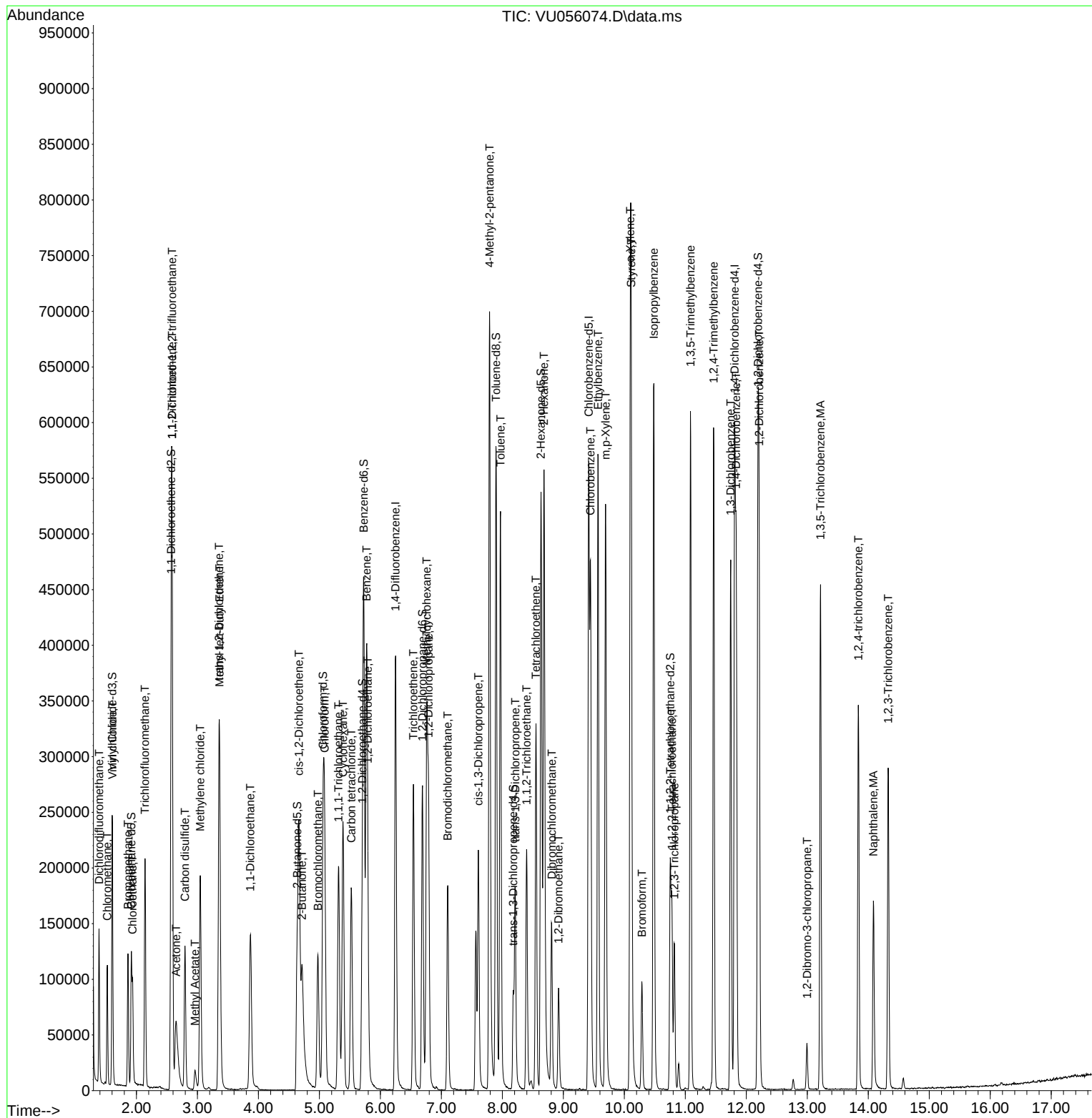
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	97888	4.710	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	154264	5.282	ug/L	98
30) Cyclohexane	5.386	56	118755	4.820	ug/L	99
31) Carbon tetrachloride	5.521	117	132844	5.333	ug/L	98
33) Benzene	5.772	78	373929	5.288	ug/L	100
34) Trichloroethene	6.541	95	99067	5.009	ug/L	97
35) Methylcyclohexane	6.759	83	134182	5.026	ug/L	98
37) 1,2-Dichloropropane	6.788	63	100717	5.364	ug/L	99
38) Bromodichloromethane	7.103	83	126402	5.363	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	141621	5.295	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	451174	49.851	ug/L	96
42) Toluene	7.968	91	400849	5.424	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	112385	5.205	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	69918	5.296	ug/L	98
47) Tetrachloroethene	8.550	164	74115	5.351	ug/L	97
48) 2-Hexanone	8.682	43	356105	50.042	ug/L	99
49) Dibromochloromethane	8.808	129	80379	5.547	ug/L	98
50) 1,2-Dibromoethane	8.920	107	63500	5.301	ug/L	94
51) Chlorobenzene	9.444	112	258466	5.337	ug/L	97
52) Ethylbenzene	9.566	91	428689	5.117	ug/L	100
53) m,p-Xylene	9.692	106	164253	5.247	ug/L	95
54) o-Xylene	10.097	106	158572	5.176	ug/L	99
55) Styrene	10.113	104	269709	5.493	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	83048	5.435	ug/L	99
59) Bromoform	10.287	173	45701	5.751	ug/L	98
60) Isopropylbenzene	10.483	105	441364	5.671	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	58684	5.472	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	341856	5.374	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	337997	5.720	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	202022	5.475	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	195658	5.313	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	186057	5.492	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	11271	5.890	ug/L	94
69) 1,3,5-Trichlorobenzene	13.216	180	146740	5.820	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	109499	5.876	ug/L	99
71) Naphthalene	14.084	128	150478	5.576	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	91280	5.681	ug/L	97

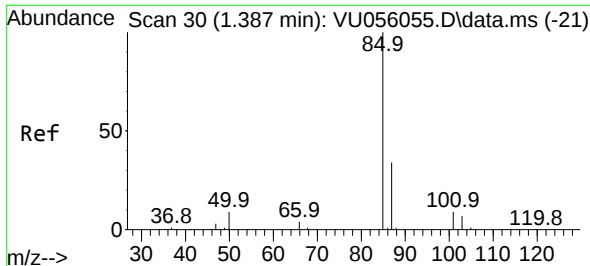
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110323\
Data File : VU056074.D
Acq On : 03 Nov 2023 11:30
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 04 01:34:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 03 00:21:27 2023
Response via : Initial Calibration

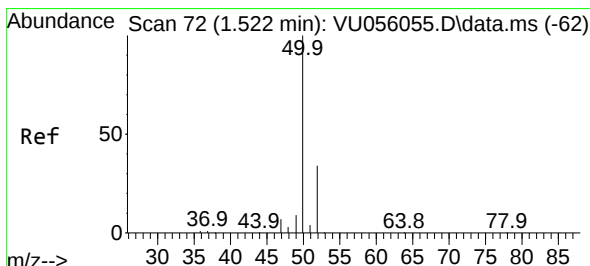
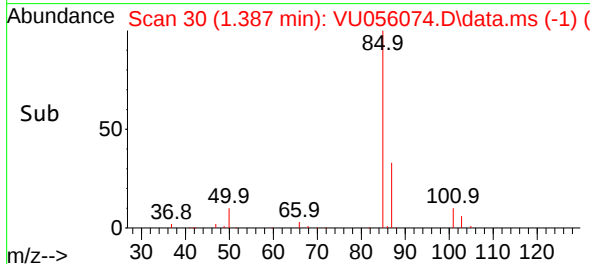
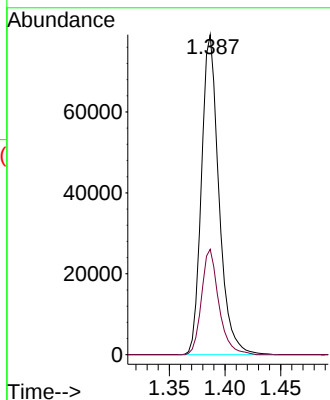
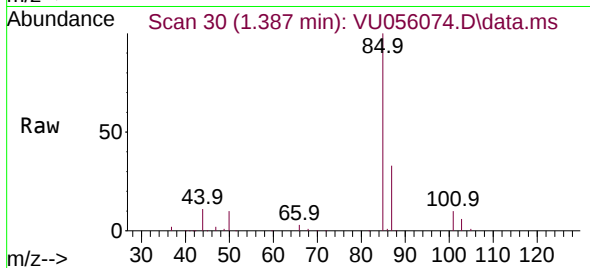




#2
Dichlorodifluoromethane
Concen: 4.478 ug/L
RT: 1.387 min Scan# 30
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

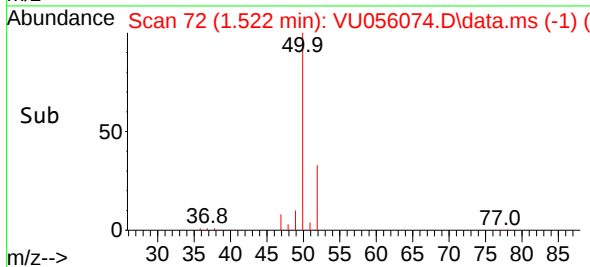
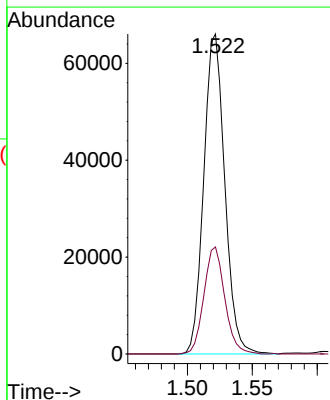
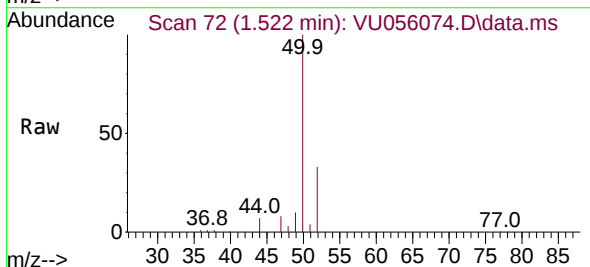
Instrument :
MSVOA_U
ClientSampleId :

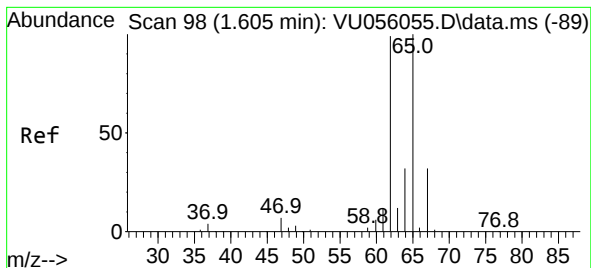
Tgt Ion: 85 Resp: 86292
Ion Ratio Lower Upper
85 100
87 32.6 25.0 37.4



#3
Chloromethane
Concen: 4.043 ug/L
RT: 1.522 min Scan# 72
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

Tgt Ion: 50 Resp: 74390
Ion Ratio Lower Upper
50 100
52 33.5 22.0 40.8





#5

Vinyl chloride

Concen: 4.238 ug/L

RT: 1.605 min Scan# 98

Delta R.T. 0.000 min

Lab File: VU056074.D

Acq: 03 Nov 2023 11:30

Instrument :

MSVOA_U

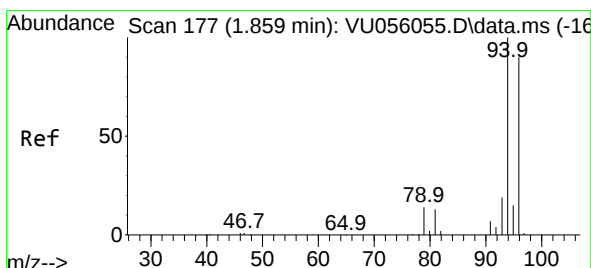
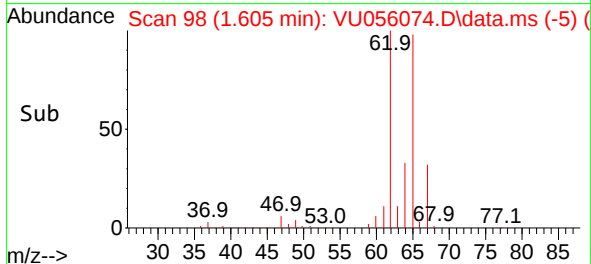
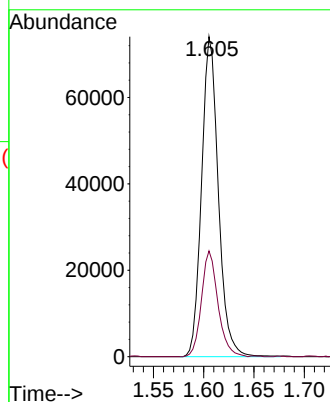
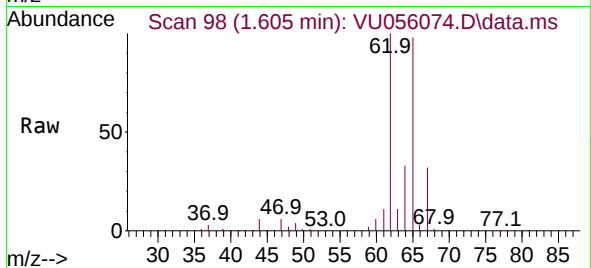
ClientSampleId :

Tgt Ion: 62 Resp: 85890

Ion Ratio Lower Upper

62 100

64 33.1 24.2 45.0



#6

Bromomethane

Concen: 4.421 ug/L

RT: 1.859 min Scan# 177

Delta R.T. 0.000 min

Lab File: VU056074.D

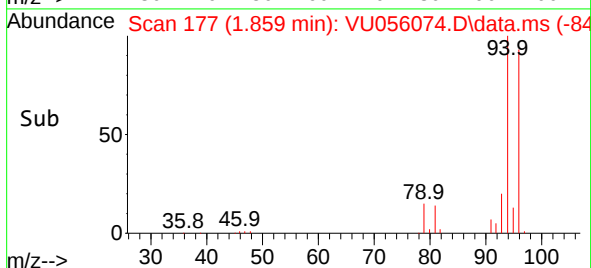
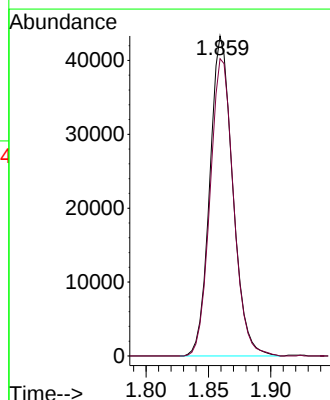
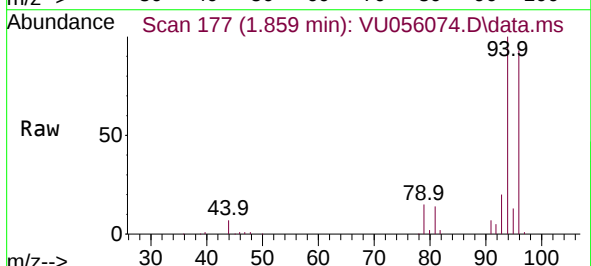
Acq: 03 Nov 2023 11:30

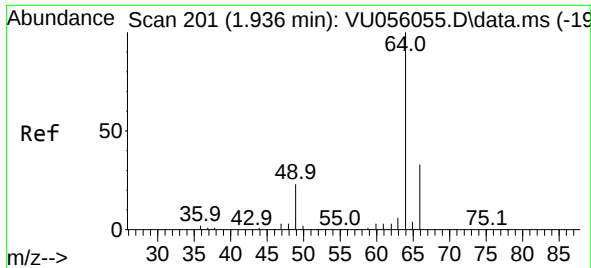
Tgt Ion: 94 Resp: 55505

Ion Ratio Lower Upper

94 100

96 92.9 65.9 122.5

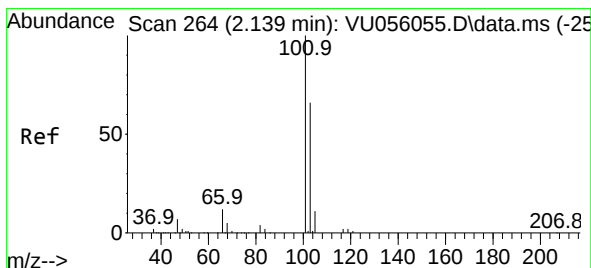
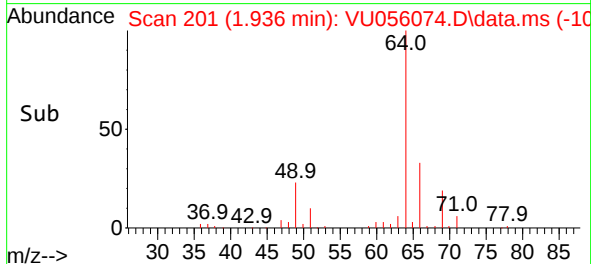
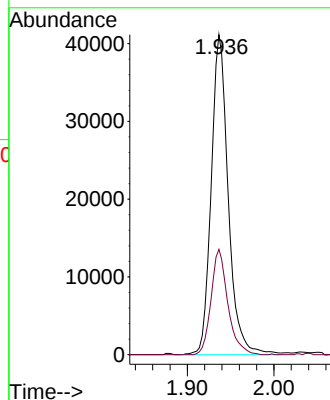
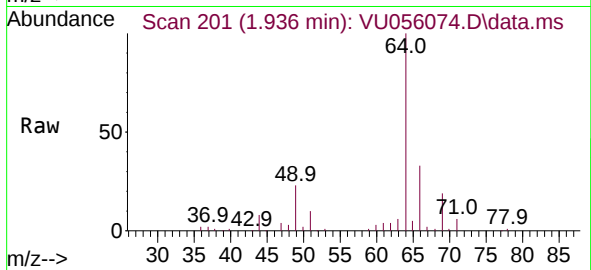




#8
Chloroethane
Concen: 4.725 ug/L
RT: 1.936 min Scan# 201
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

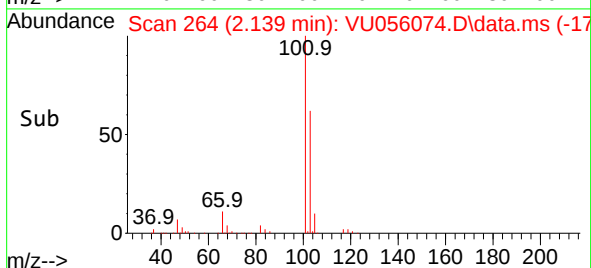
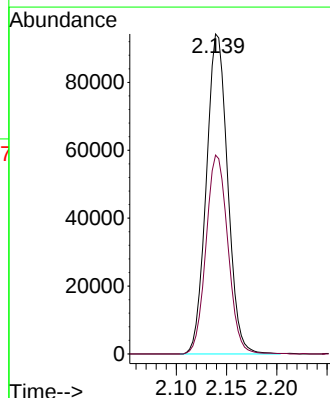
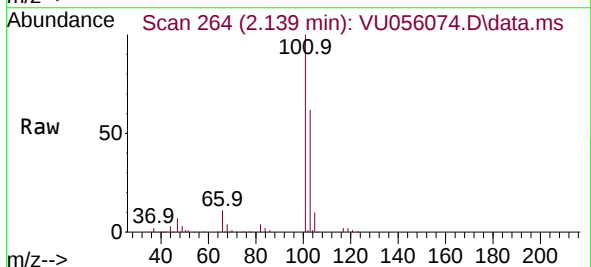
Instrument :
MSVOA_U
ClientSampleId :

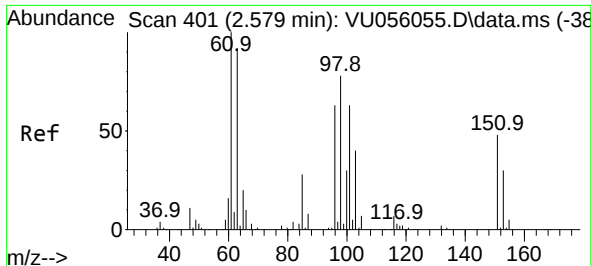
Tgt Ion: 64 Resp: 56114
Ion Ratio Lower Upper
64 100
66 32.9 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.978 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

Tgt Ion: 101 Resp: 139160
Ion Ratio Lower Upper
101 100
103 63.6 52.2 78.2

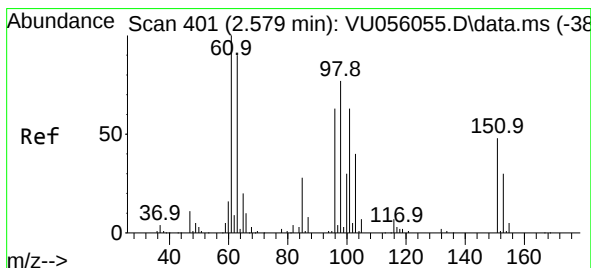
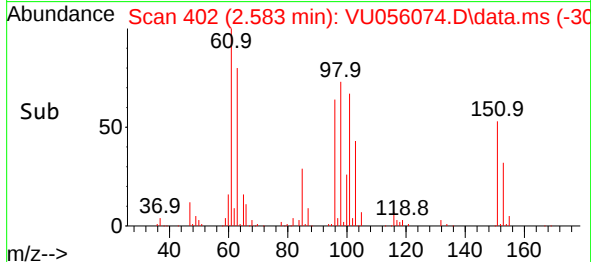
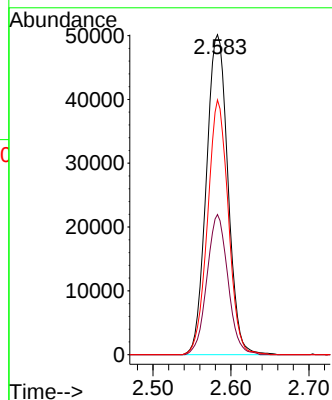
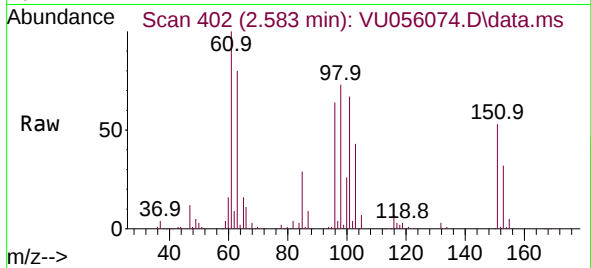




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.258 ug/L
RT: 2.583 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

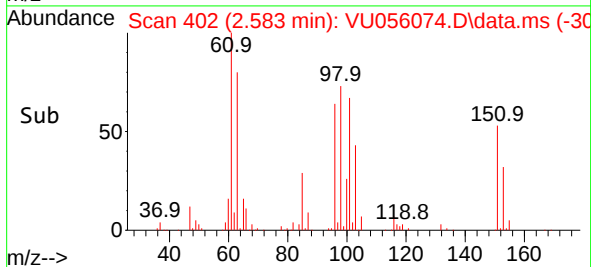
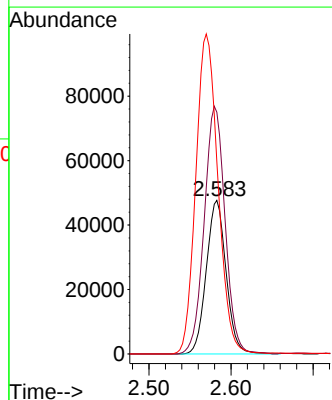
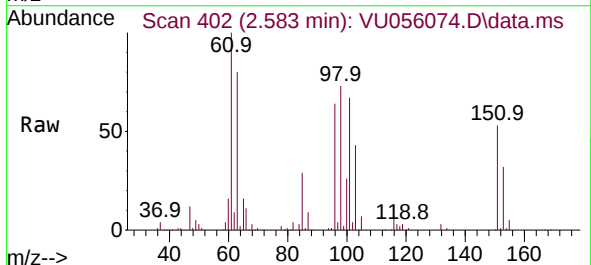
Instrument :
MSVOA_U
ClientSampleId :

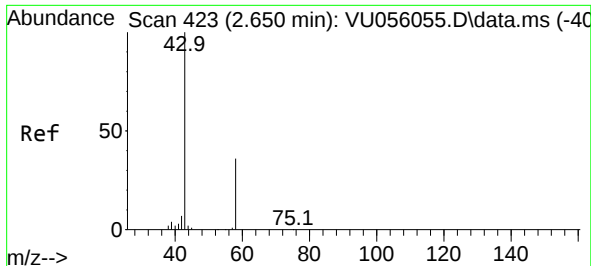
Tgt Ion:101 Resp: 96545
Ion Ratio Lower Upper
101 100
85 42.6 34.4 51.6
151 76.5 58.4 87.6



#12
1,1-Dichloroethene
Concen: 4.887 ug/L
RT: 2.583 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

Tgt Ion: 96 Resp: 80090
Ion Ratio Lower Upper
96 100
61 157.4 123.8 230.0
63 125.2 111.0 206.2





#13

Acetone

Concen: 48.559 ug/L

RT: 2.650 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU056074.D

Acq: 03 Nov 2023 11:30

Instrument :

MSVOA_U

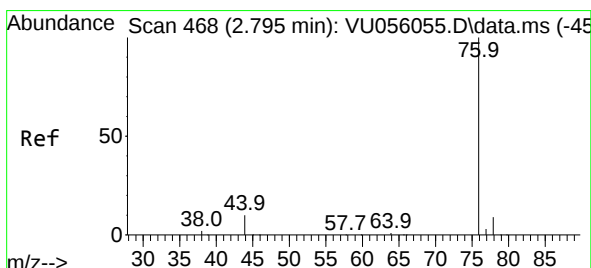
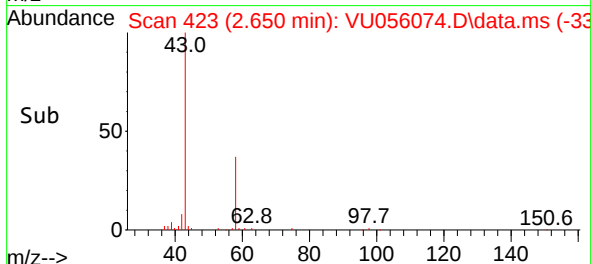
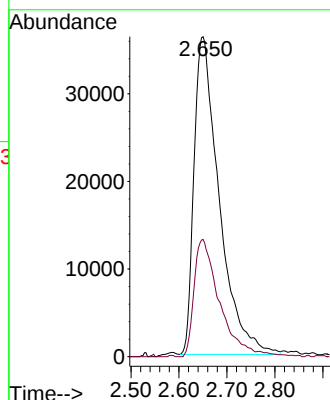
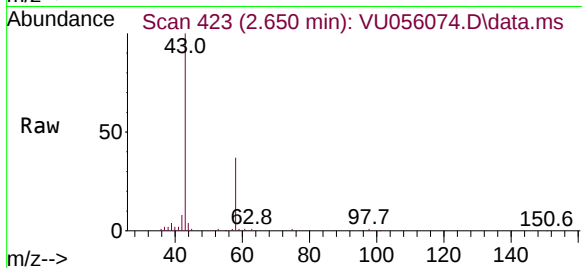
ClientSampleId :

Tgt Ion: 43 Resp: 132047

Ion Ratio Lower Upper

43 100

58 36.5 0.0 69.0



#14

Carbon disulfide

Concen: 4.169 ug/L

RT: 2.795 min Scan# 468

Delta R.T. 0.000 min

Lab File: VU056074.D

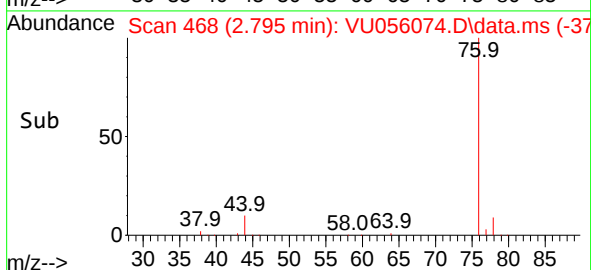
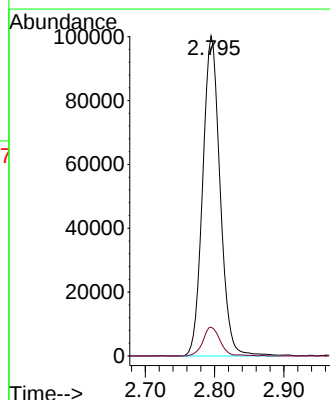
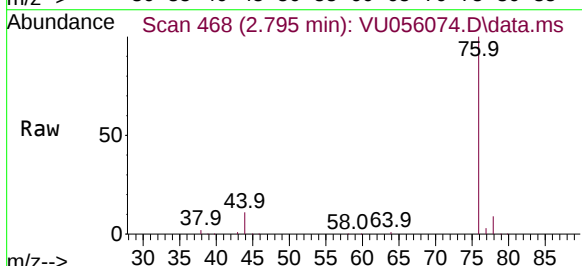
Acq: 03 Nov 2023 11:30

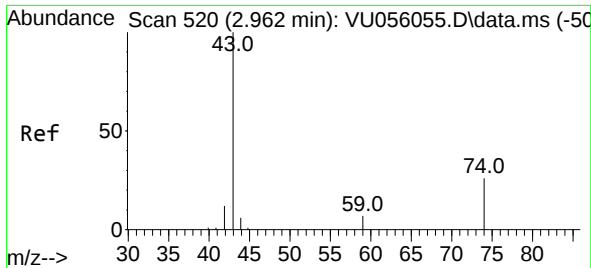
Tgt Ion: 76 Resp: 174951

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

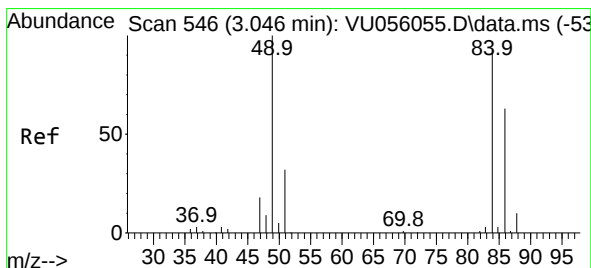
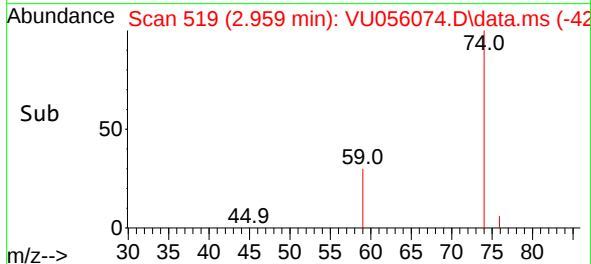
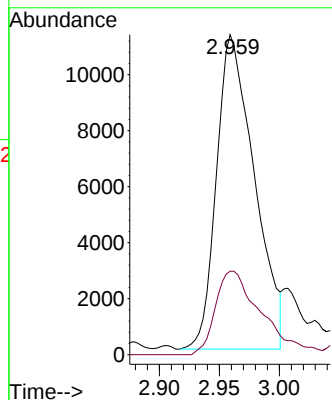
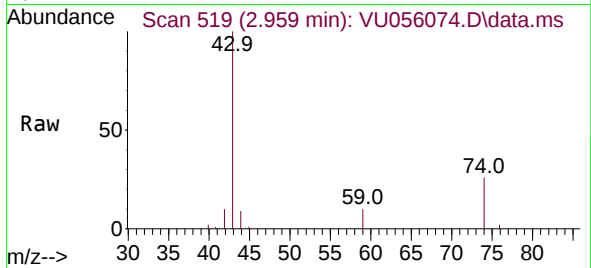




#15
Methyl Acetate
Concen: 4.453 ug/L
RT: 2.959 min Scan# 519
Delta R.T. -0.003 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

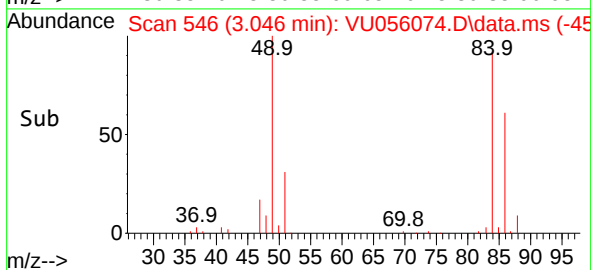
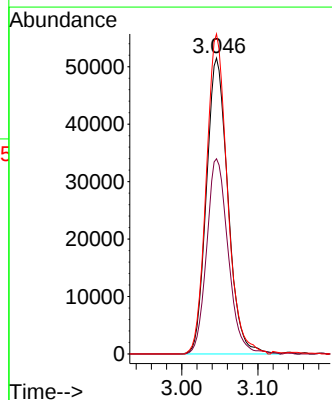
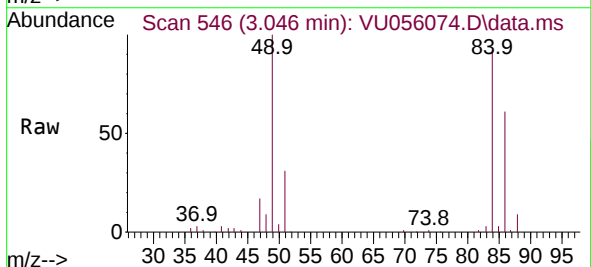
Instrument :
MSVOA_U
ClientSampleId :

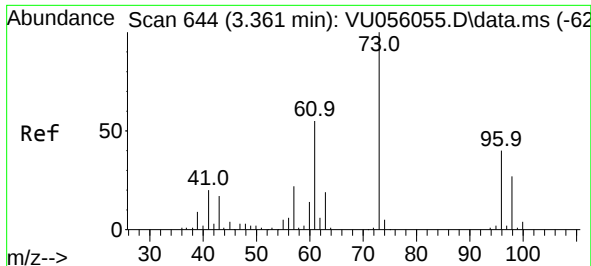
Tgt Ion: 43 Resp: 24671
Ion Ratio Lower Upper
43 100
74 32.2 19.9 29.9#



#16
Methylene chloride
Concen: 5.453 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

Tgt Ion: 84 Resp: 101253
Ion Ratio Lower Upper
84 100
86 66.0 45.2 84.0
49 108.1 78.8 146.3





#17

Methyl tert-butyl Ether

Concen: 5.030 ug/L

RT: 3.361 min Scan# 644

Delta R.T. 0.000 min

Lab File: VU056074.D

Acq: 03 Nov 2023 11:30

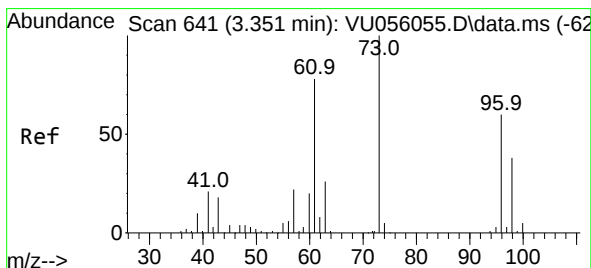
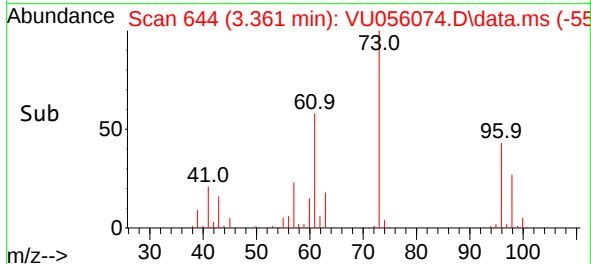
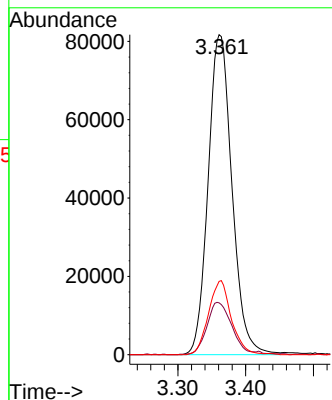
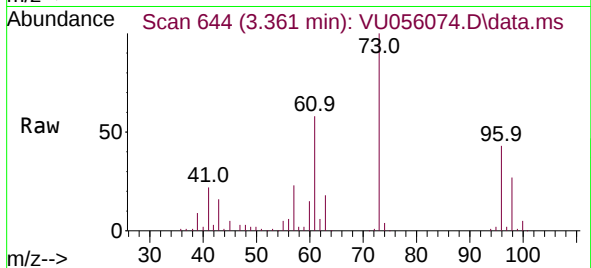
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73 Resp: 200062

Ion	Ratio	Lower	Upper
73	100		
43	17.1	14.4	21.6
57	22.1	17.0	25.4



#18

trans-1,2-Dichloroethene

Concen: 4.942 ug/L

RT: 3.354 min Scan# 642

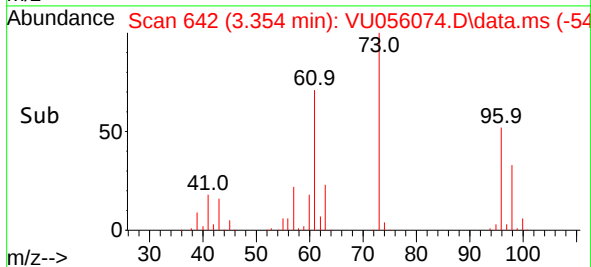
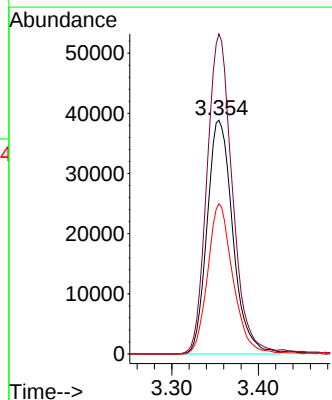
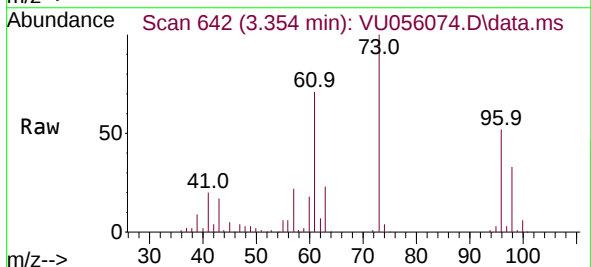
Delta R.T. 0.003 min

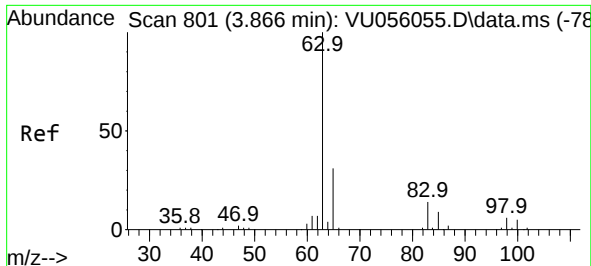
Lab File: VU056074.D

Acq: 03 Nov 2023 11:30

Tgt Ion: 96 Resp: 80313

Ion	Ratio	Lower	Upper
96	100		
61	136.9	97.5	181.1
98	64.3	42.7	79.3





#19

1,1-Dichloroethane

Concen: 5.058 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU056074.D

Acq: 03 Nov 2023 11:30

Instrument :

MSVOA_U

ClientSampleId :

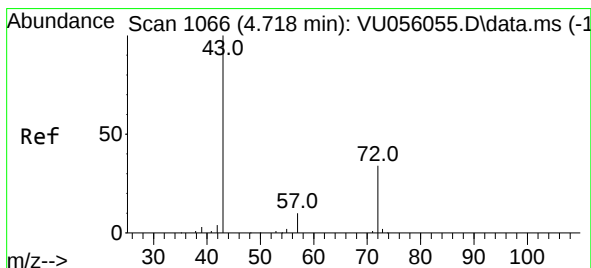
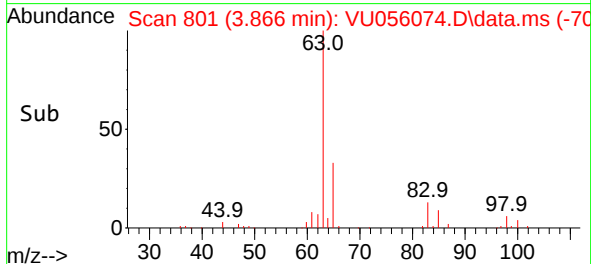
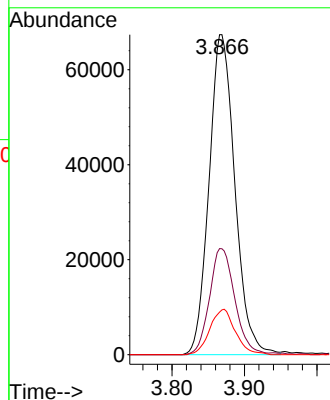
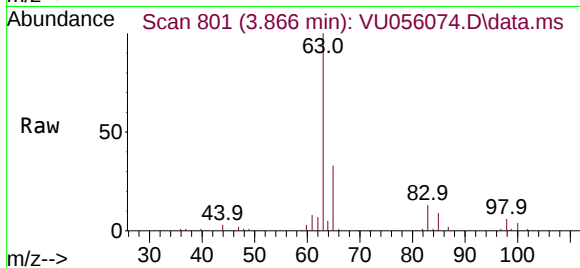
Tgt Ion: 63 Resp: 166900

Ion Ratio Lower Upper

63 100

65 33.1 23.3 43.3

83 13.3 10.5 19.5



#21

2-Butanone

Concen: 48.360 ug/L

RT: 4.714 min Scan# 1065

Delta R.T. -0.003 min

Lab File: VU056074.D

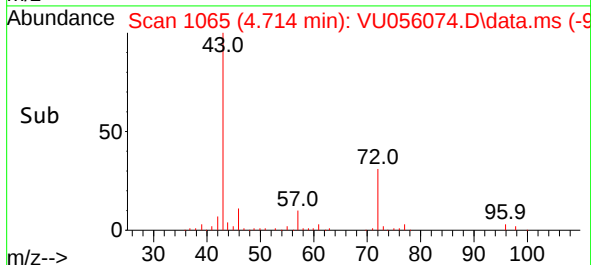
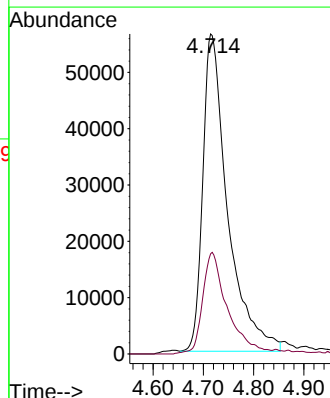
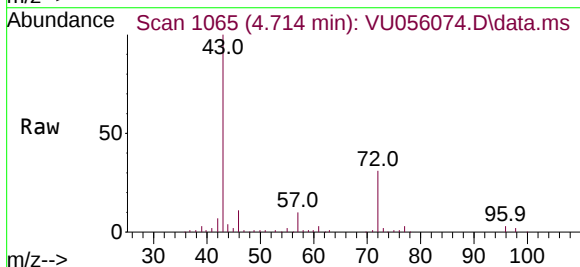
Acq: 03 Nov 2023 11:30

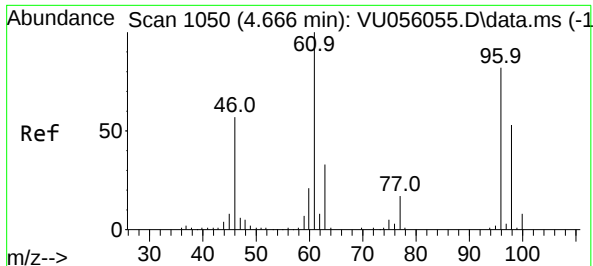
Tgt Ion: 43 Resp: 193315

Ion Ratio Lower Upper

43 100

72 32.0 14.4 43.4





#22

cis-1,2-Dichloroethene

Concen: 4.992 ug/L

RT: 4.663 min Scan# 110

Delta R.T. -0.003 min

Lab File: VU056074.D

Acq: 03 Nov 2023 11:30

Instrument :

MSVOA_U

ClientSampleId :

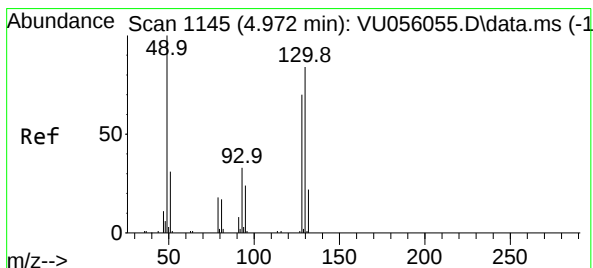
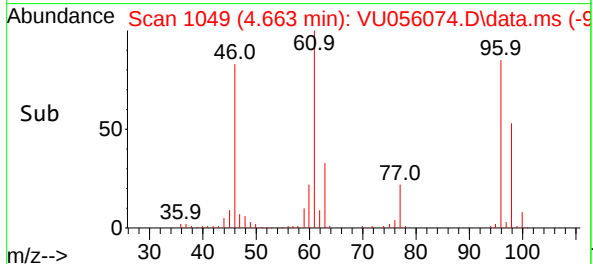
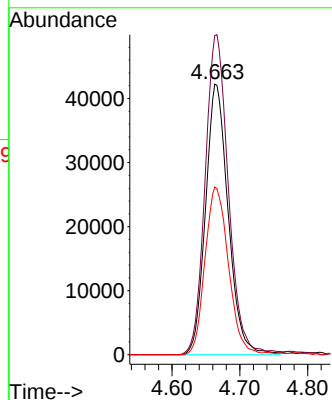
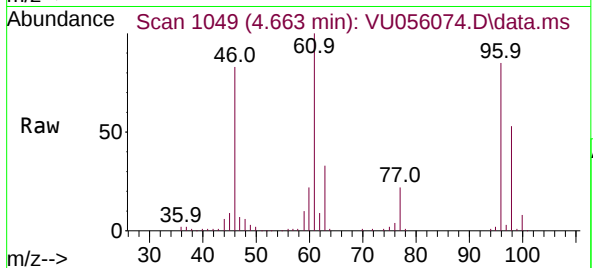
Tgt Ion: 96 Resp: 98223

Ion Ratio Lower Upper

96 100

61 118.0 93.8 174.2

98 62.0 45.6 84.8



#23

Bromochloromethane

Concen: 5.190 ug/L

RT: 4.975 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VU056074.D

Acq: 03 Nov 2023 11:30

Tgt Ion:128 Resp: 41603

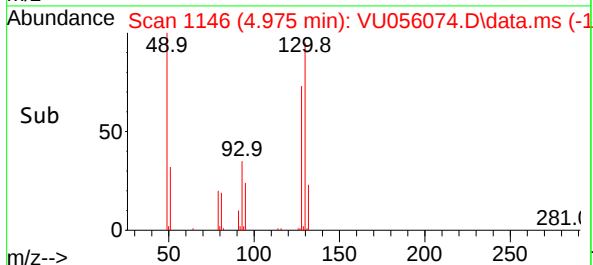
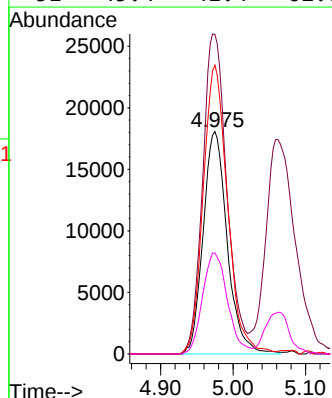
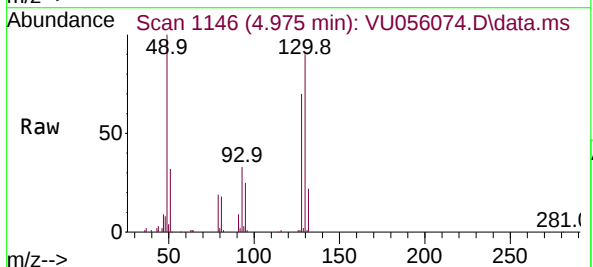
Ion Ratio Lower Upper

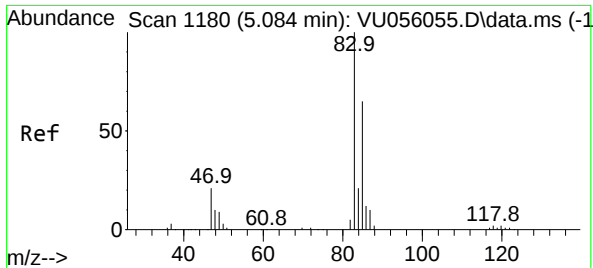
128 100

49 143.6 108.7 201.9

130 129.8 91.5 169.9

51 45.4 41.4 62.0

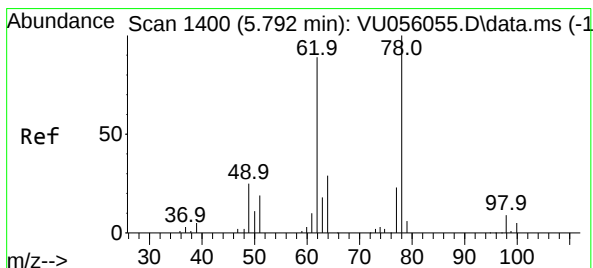
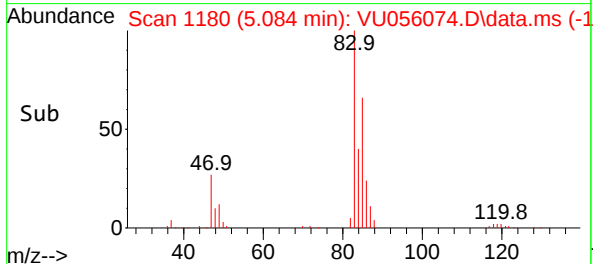
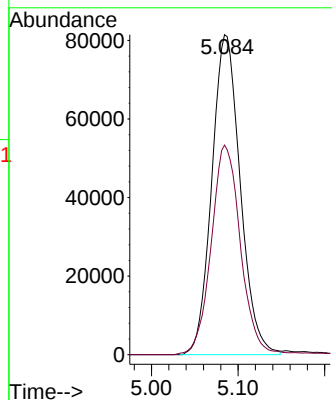
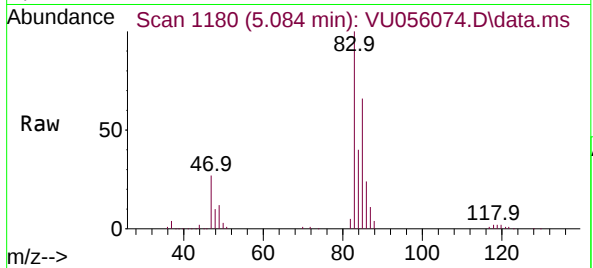




#25
Chloroform
Concen: 5.252 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

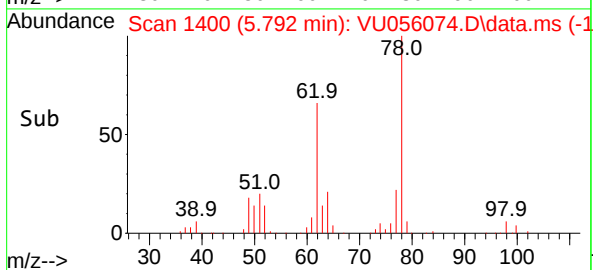
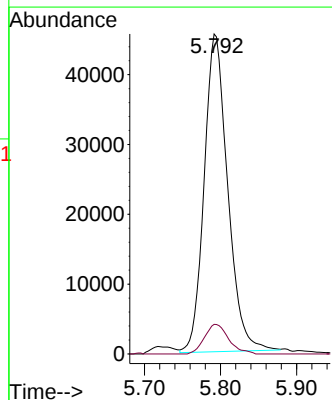
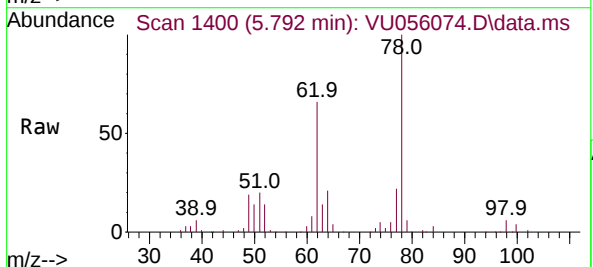
Instrument :
MSVOA_U
ClientSampleId :

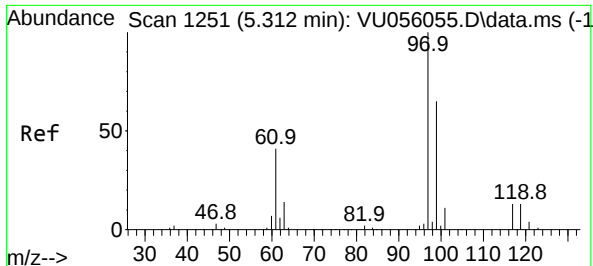
Tgt Ion: 83 Resp: 185792
Ion Ratio Lower Upper
83 100
85 65.5 45.6 84.8



#27
1,2-Dichloroethane
Concen: 4.710 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

Tgt Ion: 62 Resp: 97888
Ion Ratio Lower Upper
62 100
98 9.3 7.4 11.2

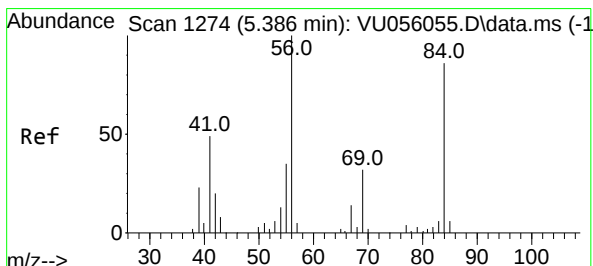
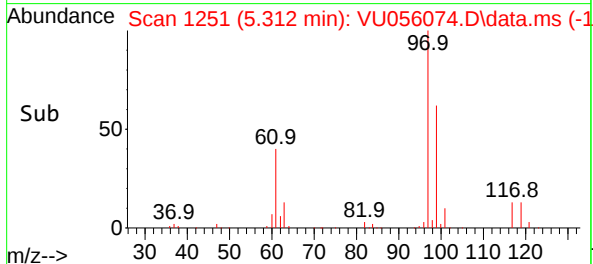
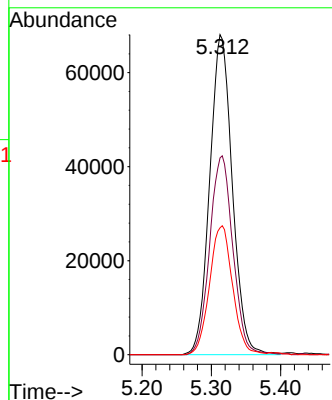
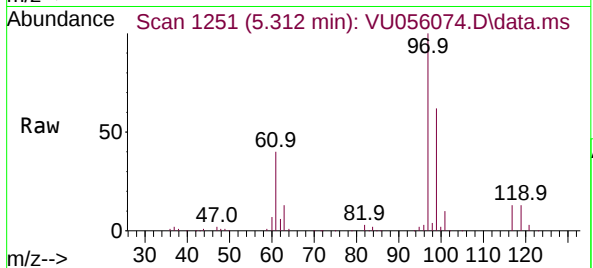




#29
1,1,1-Trichloroethane
Concen: 5.282 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

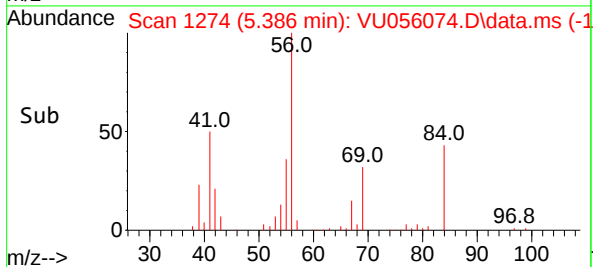
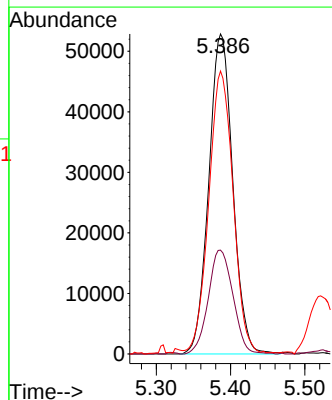
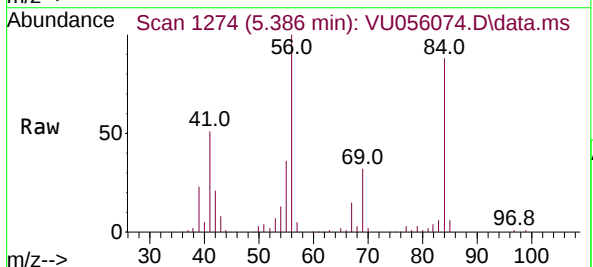
Instrument :
MSVOA_U
ClientSampleId :

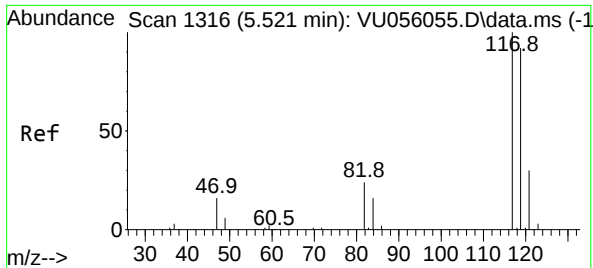
Tgt Ion: 97 Resp: 154264
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 41.2 35.0 52.4



#30
Cyclohexane
Concen: 4.820 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

Tgt Ion: 56 Resp: 118755
Ion Ratio Lower Upper
56 100
69 33.4 25.4 38.2
84 88.6 71.0 106.6

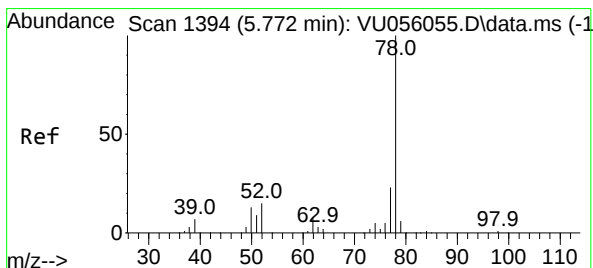
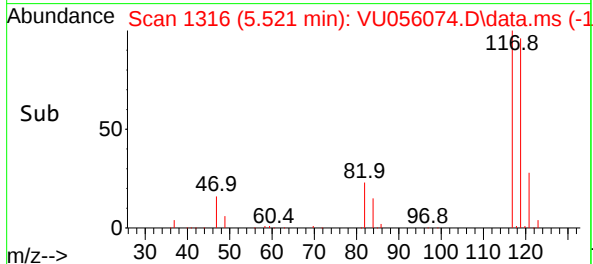
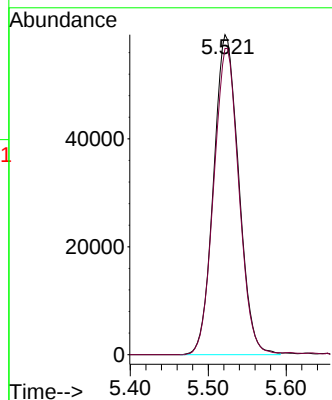
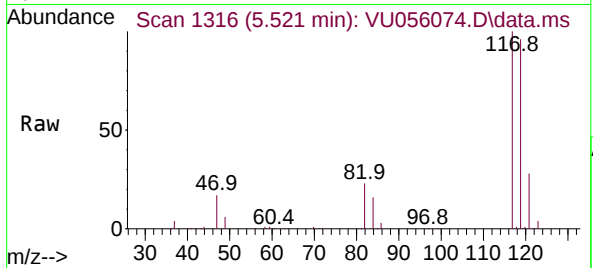




#31
Carbon tetrachloride
Concen: 5.333 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

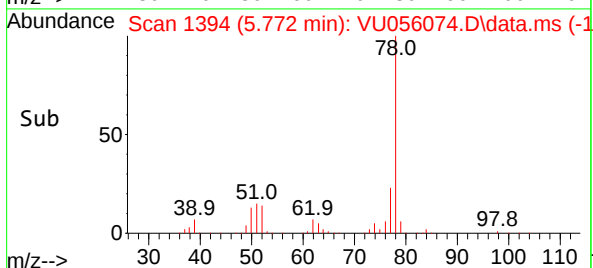
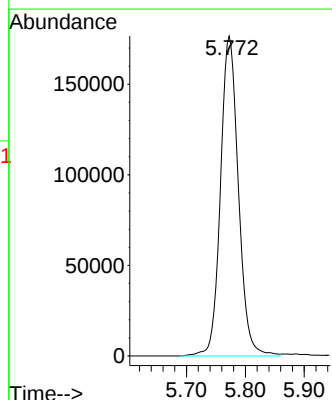
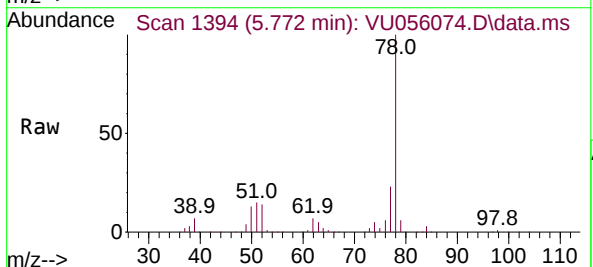
Instrument :
MSVOA_U
ClientSampleId :

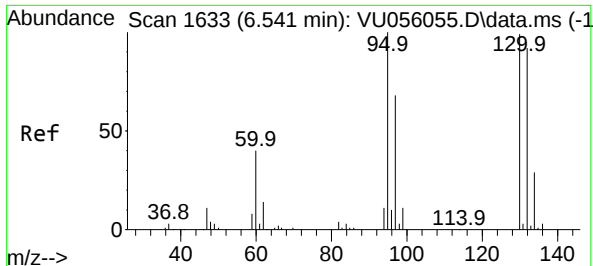
Tgt Ion:117 Resp: 132844
Ion Ratio Lower Upper
117 100
119 95.9 75.1 112.7



#33
Benzene
Concen: 5.288 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

Tgt Ion: 78 Resp: 373929





#34

Trichloroethene

Concen: 5.009 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056074.D

Acq: 03 Nov 2023 11:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 99067

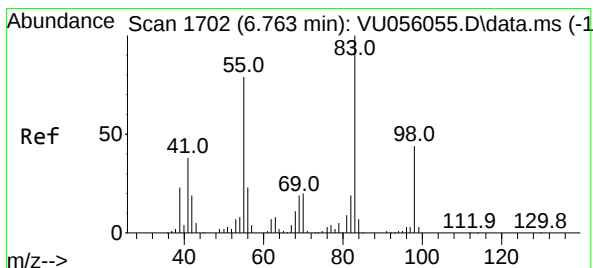
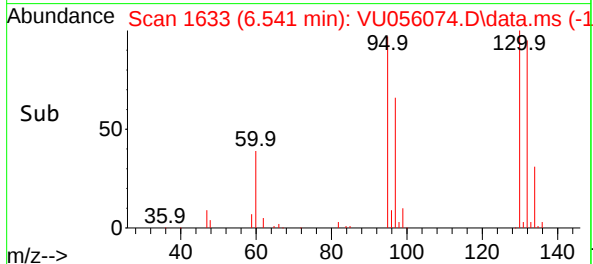
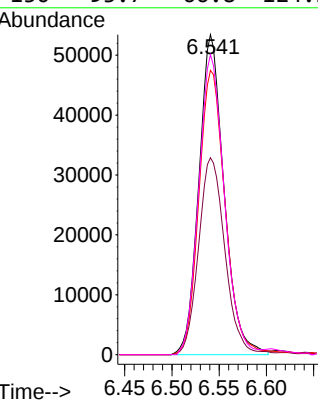
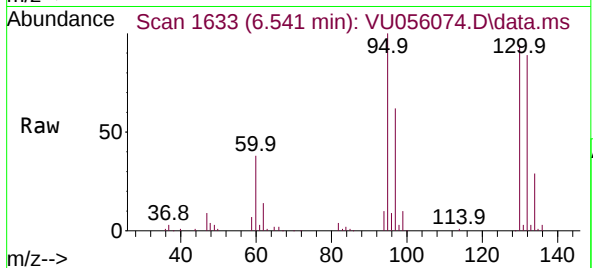
Ion Ratio Lower Upper

95 100

97 61.5 45.4 84.2

132 88.9 63.9 118.7

130 93.7 66.8 124.2



#35

Methylcyclohexane

Concen: 5.026 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VU056074.D

Acq: 03 Nov 2023 11:30

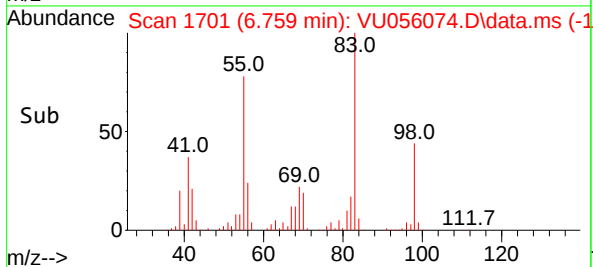
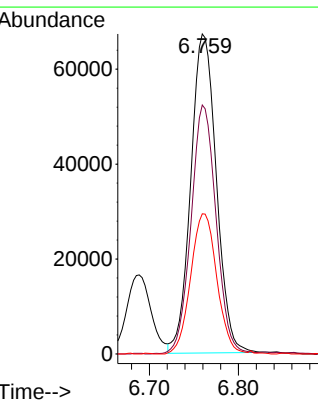
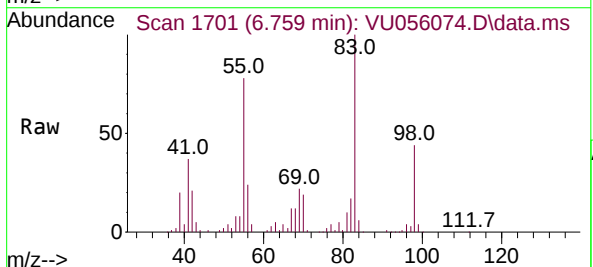
Tgt Ion: 83 Resp: 134182

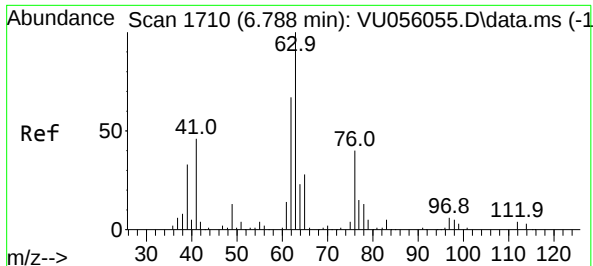
Ion Ratio Lower Upper

83 100

55 76.6 62.4 93.6

98 44.9 37.4 56.2

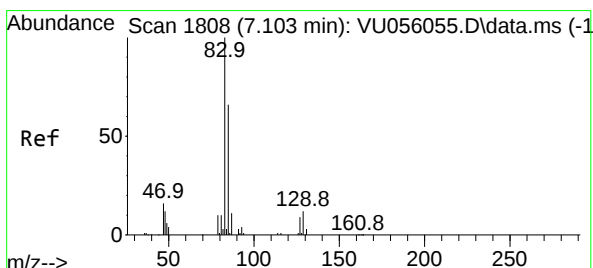
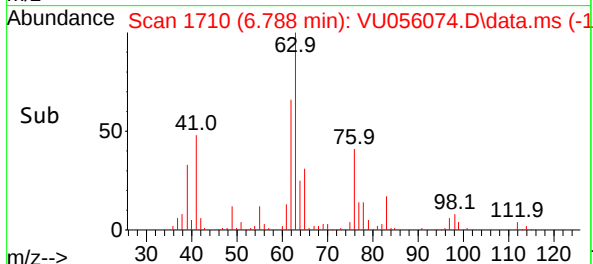
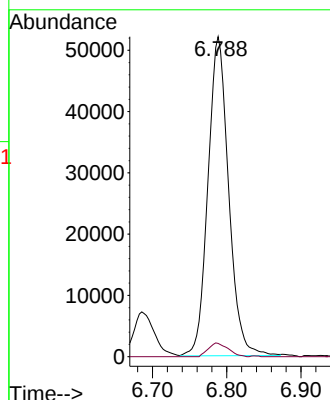
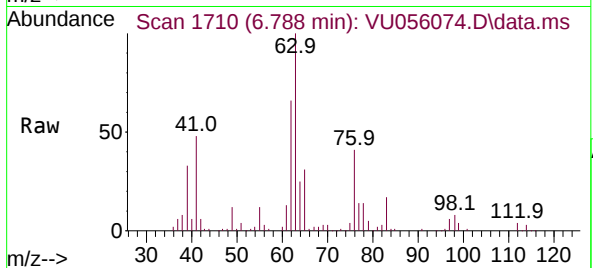




#37
1,2-Dichloropropane
Concen: 5.364 ug/L
RT: 6.788 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

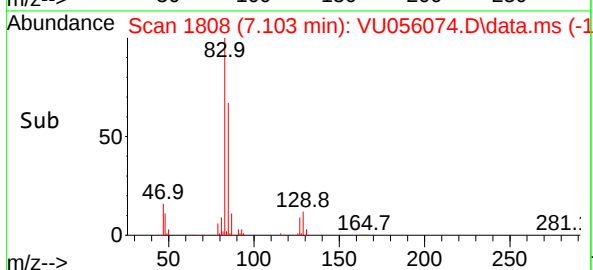
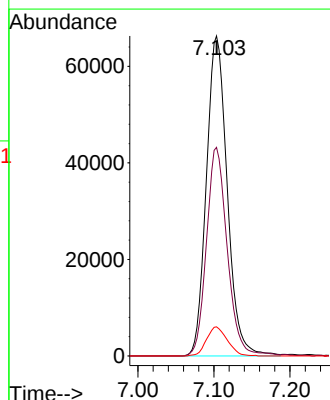
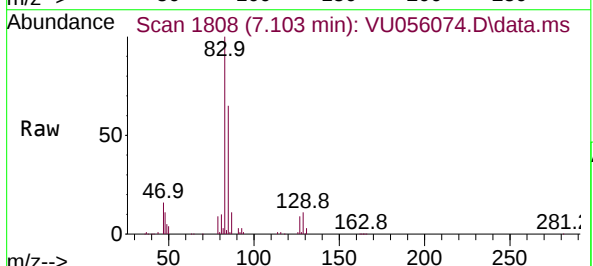
Instrument :
MSVOA_U
ClientSampleId :

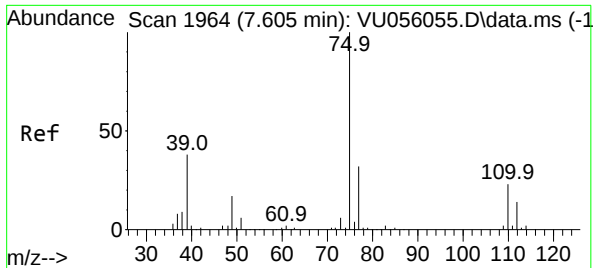
Tgt Ion: 63 Resp: 100717
Ion Ratio Lower Upper
63 100
112 4.1 3.1 4.7



#38
Bromodichloromethane
Concen: 5.363 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

Tgt Ion: 83 Resp: 126402
Ion Ratio Lower Upper
83 100
85 65.2 44.9 83.3
127 9.1 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.295 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU056074.D

Acq: 03 Nov 2023 11:30

Instrument :

MSVOA_U

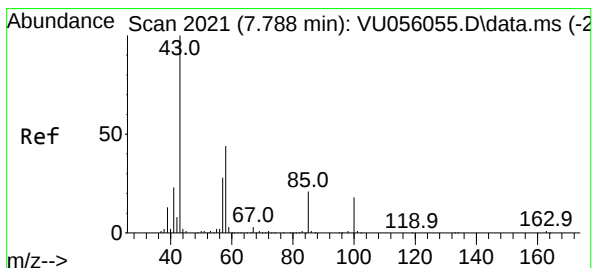
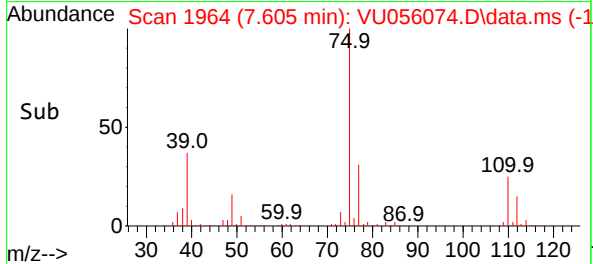
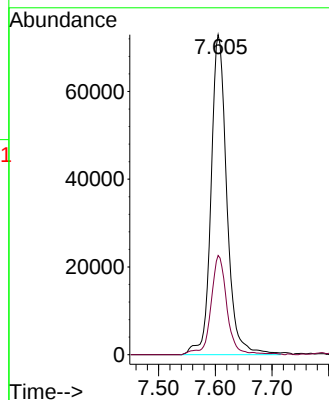
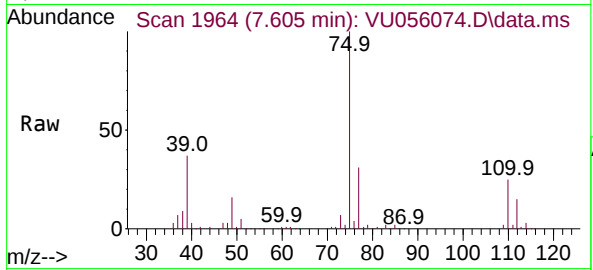
ClientSampleId :

Tgt Ion: 75 Resp: 141621

Ion Ratio Lower Upper

75 100

77 31.0 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 49.851 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU056074.D

Acq: 03 Nov 2023 11:30

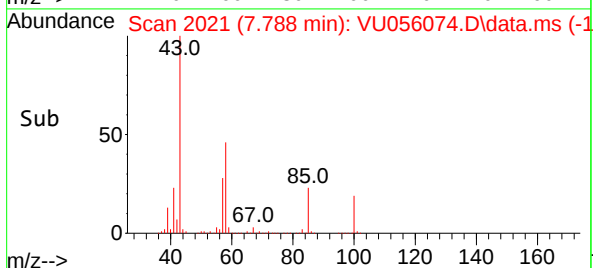
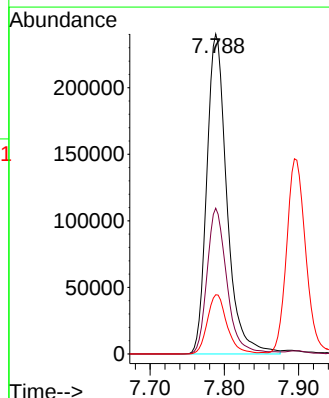
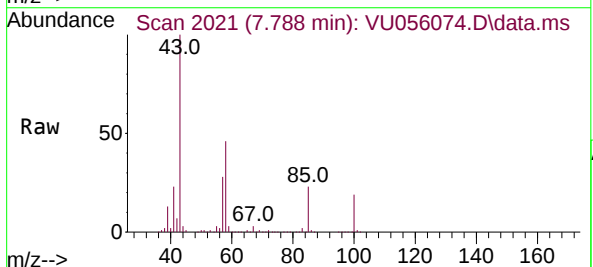
Tgt Ion: 43 Resp: 451174

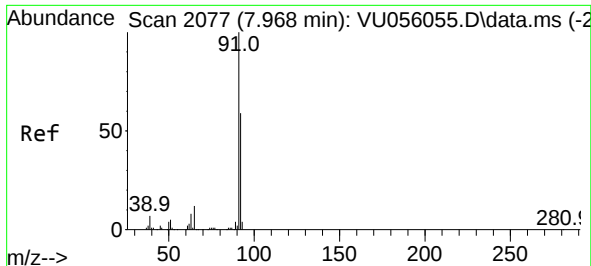
Ion Ratio Lower Upper

43 100

58 45.2 34.0 51.0

100 18.3 13.0 19.6





#42

Toluene

Concen: 5.424 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VU056074.D

Acq: 03 Nov 2023 11:30

Instrument :

MSVOA_U

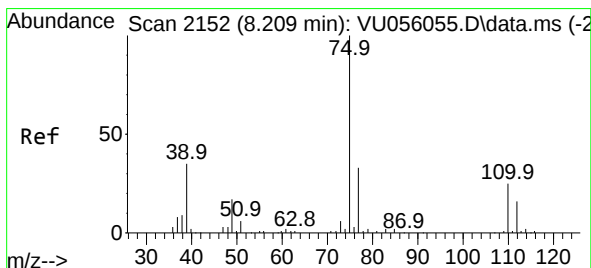
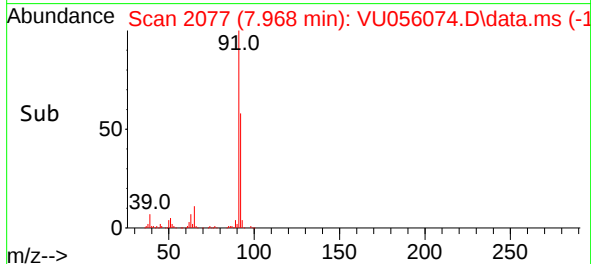
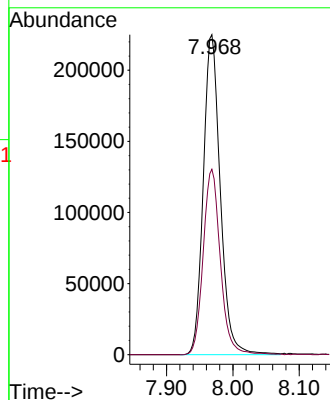
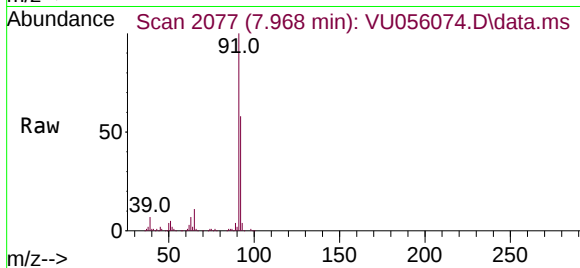
ClientSampleId :

Tgt Ion: 91 Resp: 400849

Ion Ratio Lower Upper

91 100

92 58.0 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.205 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU056074.D

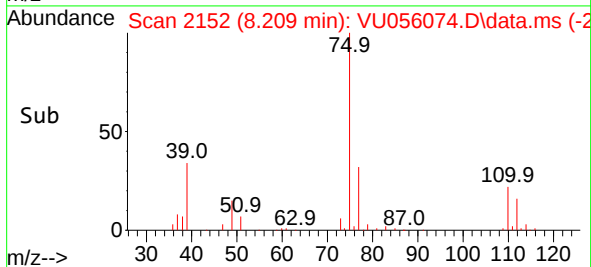
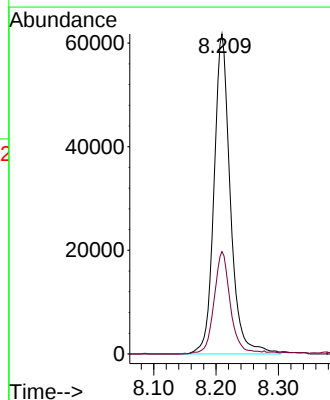
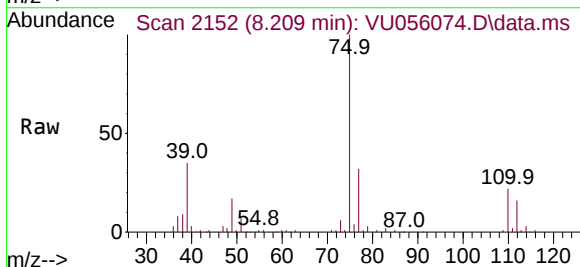
Acq: 03 Nov 2023 11:30

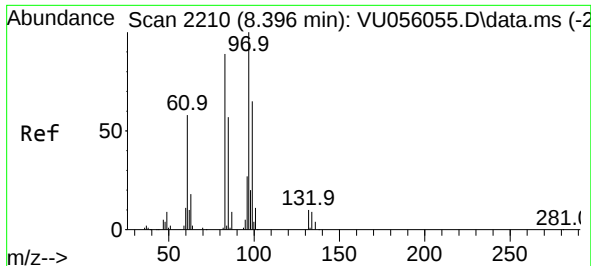
Tgt Ion: 75 Resp: 112385

Ion Ratio Lower Upper

75 100

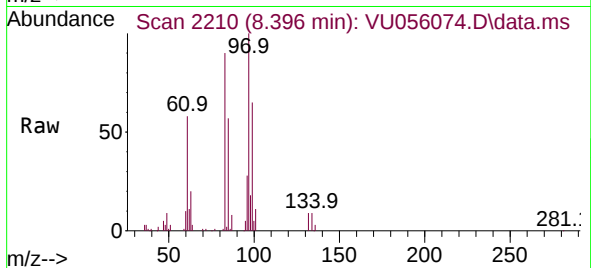
77 32.0 21.7 40.3



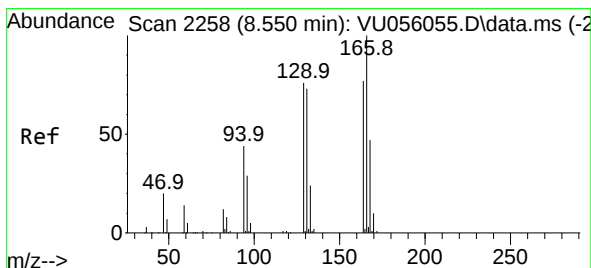
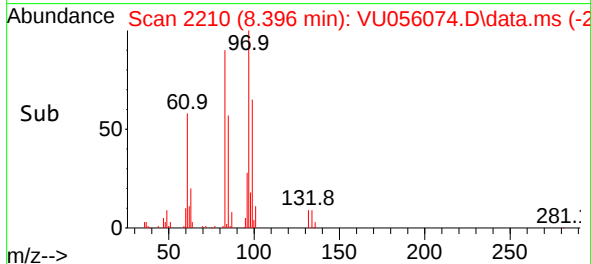
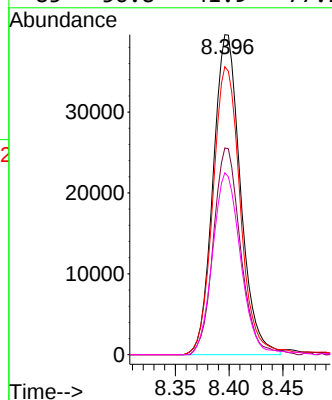


#45
1,1,2-Trichloroethane
Concen: 5.296 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

Instrument :
MSVOA_U
ClientSampleId :

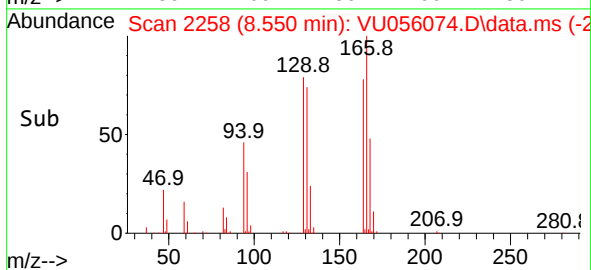
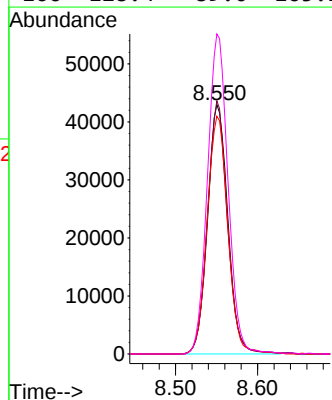
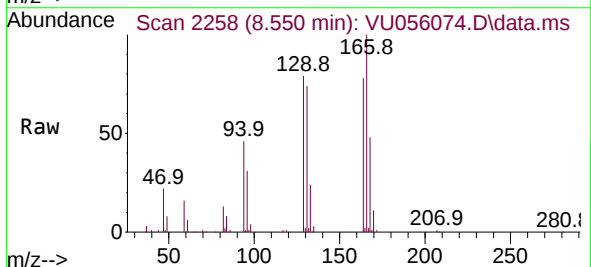


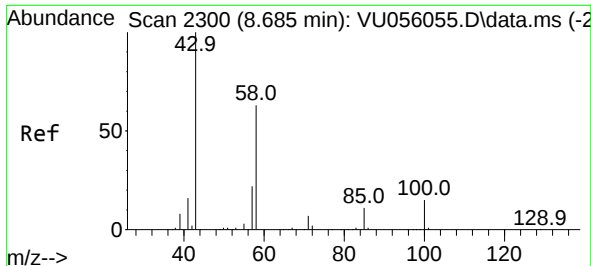
Tgt Ion:	97	Resp:	69918
Ion	Ratio	Lower	Upper
97	100		
99	64.6	45.3	84.1
83	90.0	61.9	115.1
85	56.8	41.9	77.9



#47
Tetrachloroethene
Concen: 5.351 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

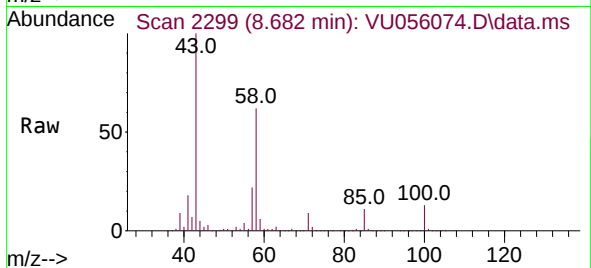
Tgt Ion:	164	Resp:	74115
Ion	Ratio	Lower	Upper
164	100		
129	101.6	72.2	134.0
131	95.4	70.8	131.6
166	128.4	89.0	165.2



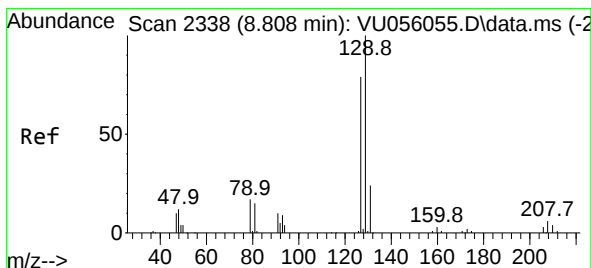
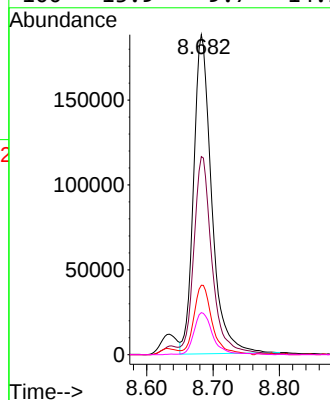
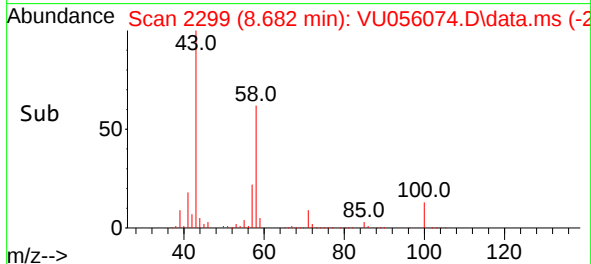


#48
2-Hexanone
Concen: 50.042 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

Instrument :
MSVOA_U
ClientSampleId :

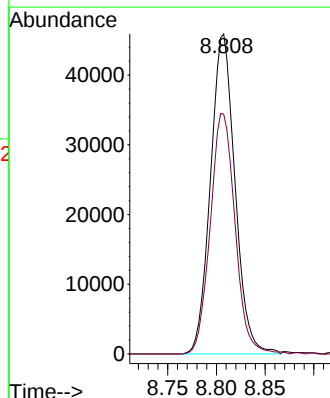
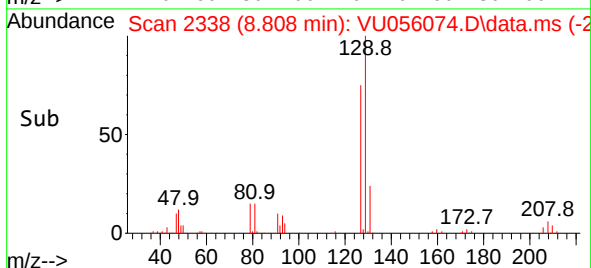
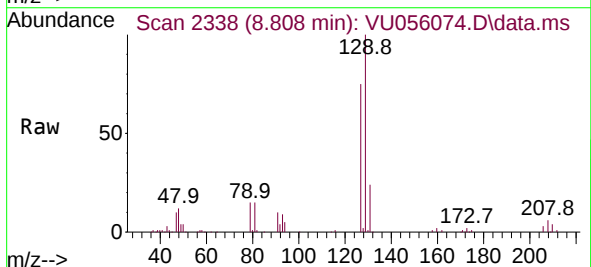


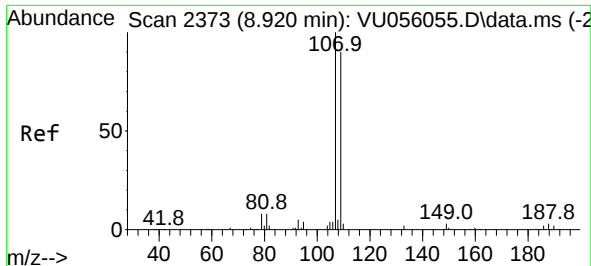
Tgt Ion: 43 Resp: 356105
Ion Ratio Lower Upper
43 100
58 62.3 49.5 74.3
57 22.2 16.9 25.3
100 13.9 9.7 14.5



#49
Dibromochloromethane
Concen: 5.547 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

Tgt Ion: 129 Resp: 80379
Ion Ratio Lower Upper
129 100
127 75.0 53.5 99.5

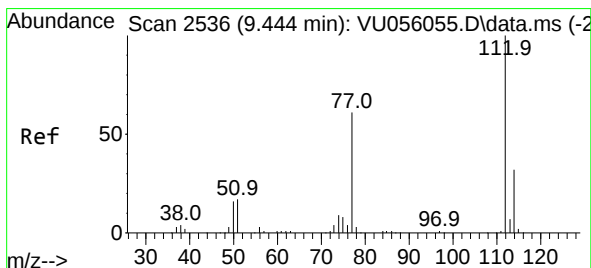
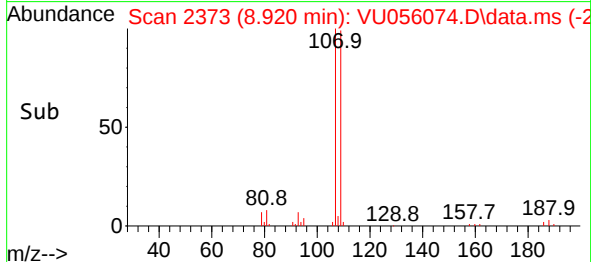
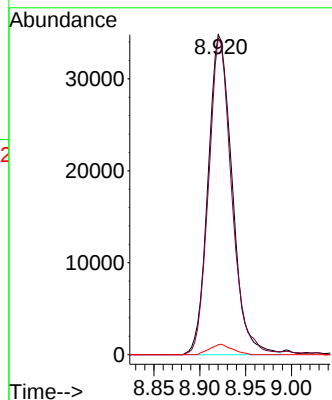
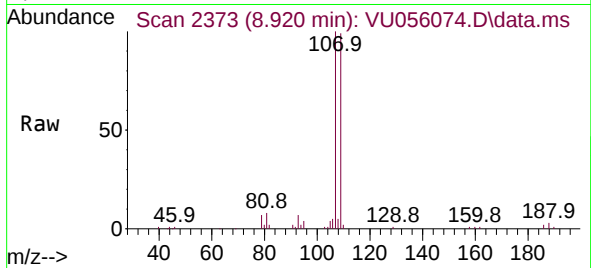




#50
1,2-Dibromoethane
Concen: 5.301 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

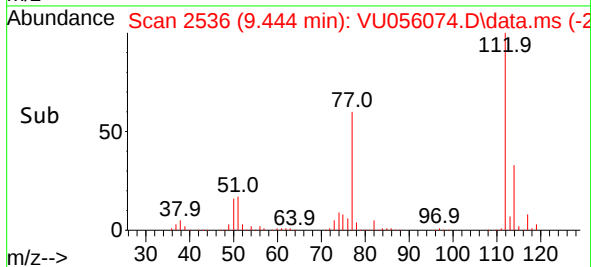
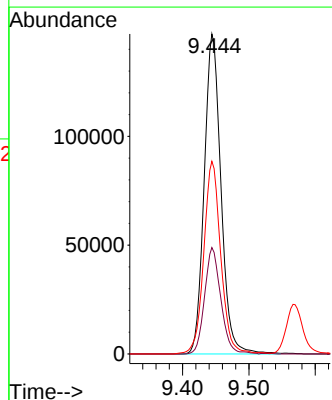
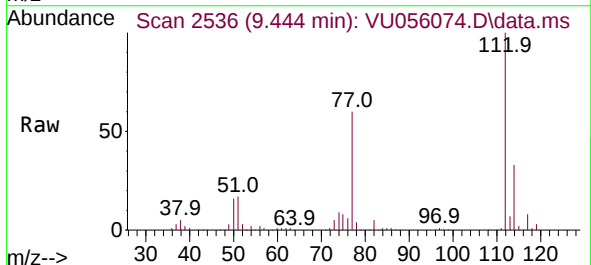
Instrument :
MSVOA_U
ClientSampleId :

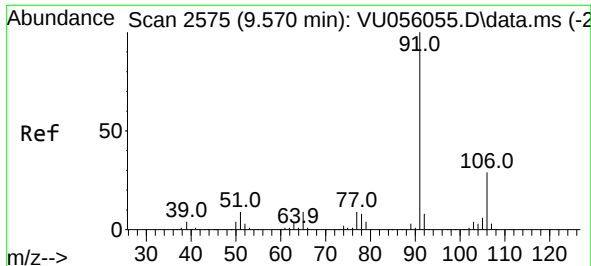
Tgt Ion:107 Resp: 63500
Ion Ratio Lower Upper
107 100
109 98.8 65.0 120.6
188 3.1 2.5 3.7



#51
Chlorobenzene
Concen: 5.337 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

Tgt Ion:112 Resp: 258466
Ion Ratio Lower Upper
112 100
114 33.2 22.3 41.5
77 60.2 49.9 74.9

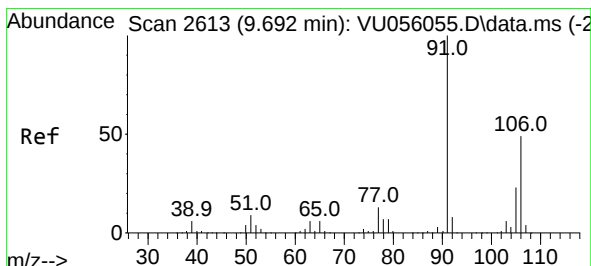
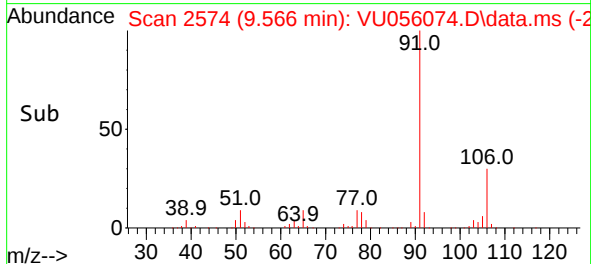
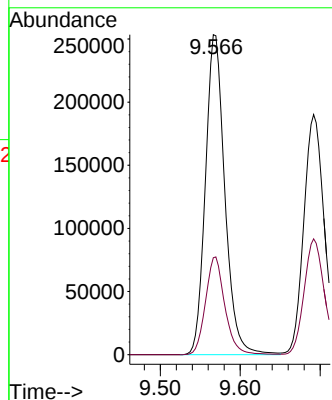
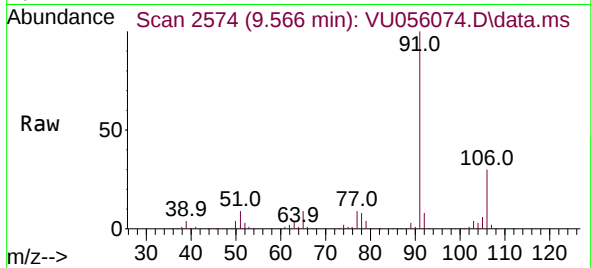




#52
Ethylbenzene
Concen: 5.117 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.003 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

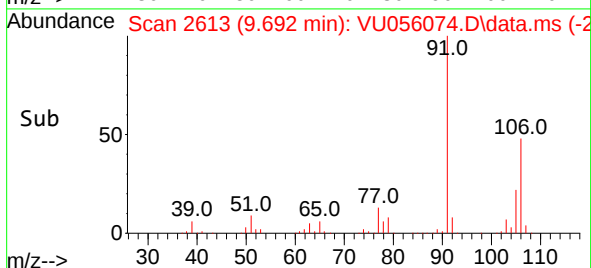
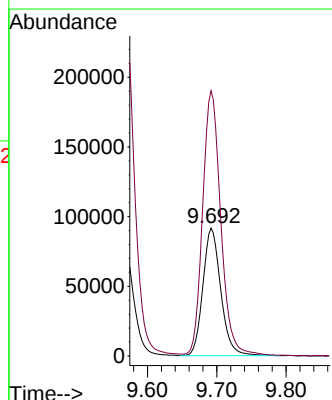
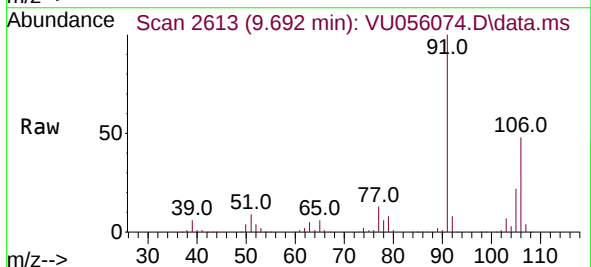
Instrument :
MSVOA_U
ClientSampleId :

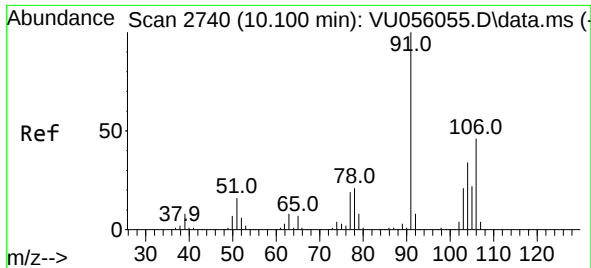
Tgt Ion: 91 Resp: 428689
Ion Ratio Lower Upper
91 100
106 30.3 21.3 39.5



#53
m,p-Xylene
Concen: 5.247 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

Tgt Ion: 106 Resp: 164253
Ion Ratio Lower Upper
106 100
91 207.4 150.4 279.2

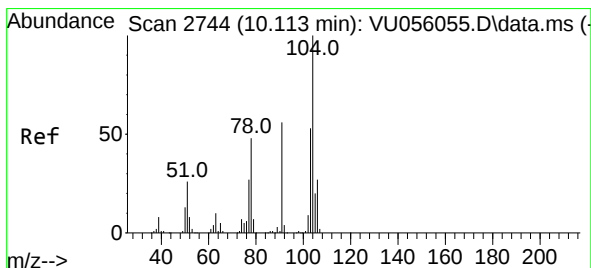
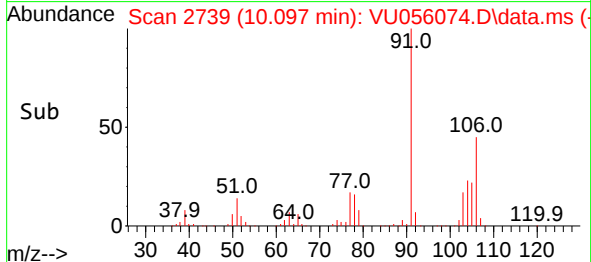
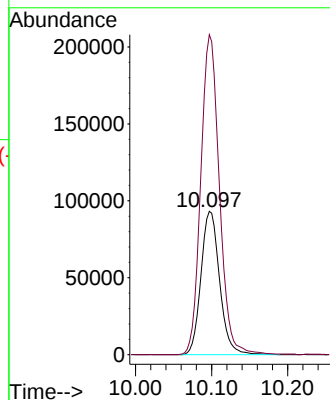
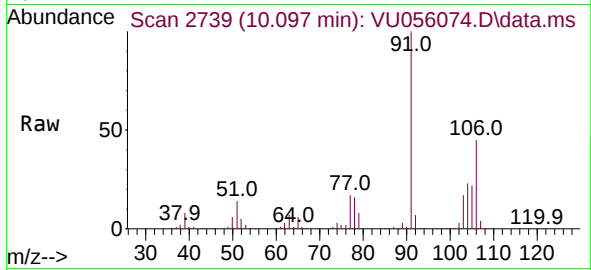




#54
o-Xylene
Concen: 5.176 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

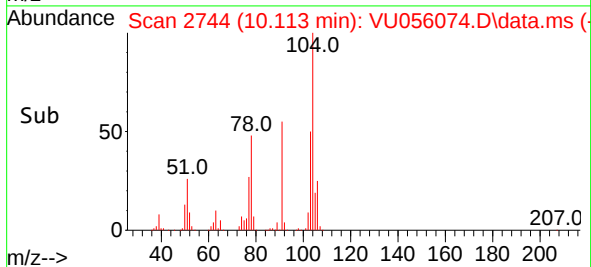
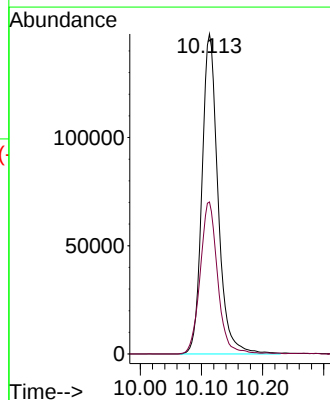
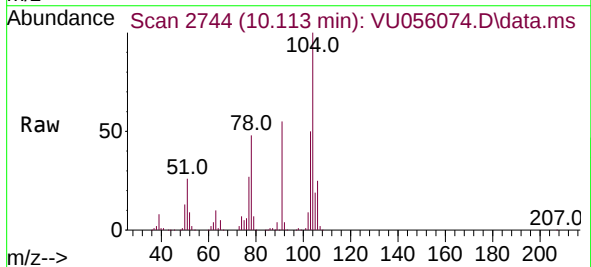
Instrument :
MSVOA_U
ClientSampleId :

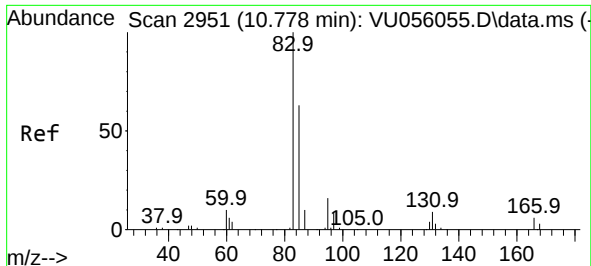
Tgt Ion:106 Resp: 158572
Ion Ratio Lower Upper
106 100
91 223.2 154.6 287.2



#55
Styrene
Concen: 5.493 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

Tgt Ion:104 Resp: 269709
Ion Ratio Lower Upper
104 100
78 47.5 33.9 63.0

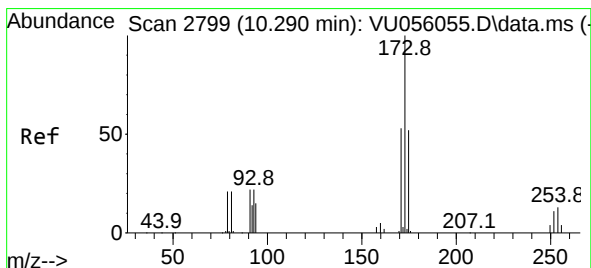
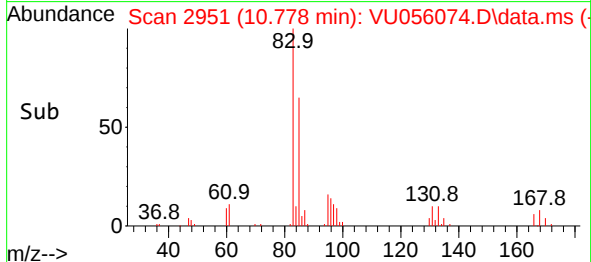
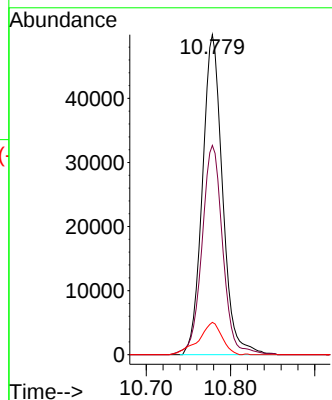
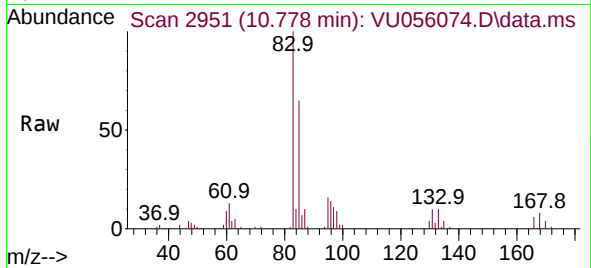




#57
1,1,2,2-Tetrachloroethane
Concen: 5.435 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

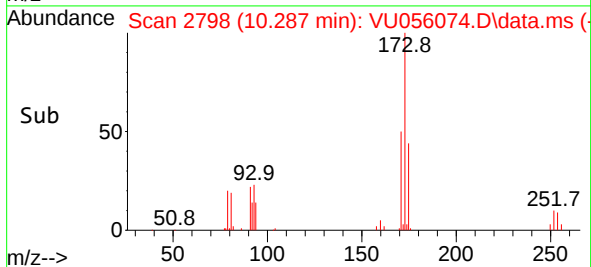
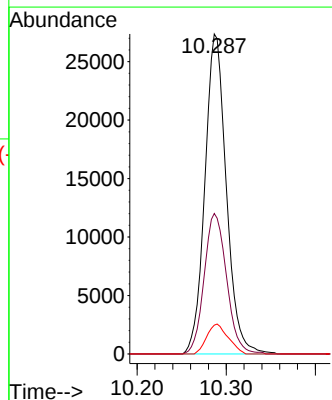
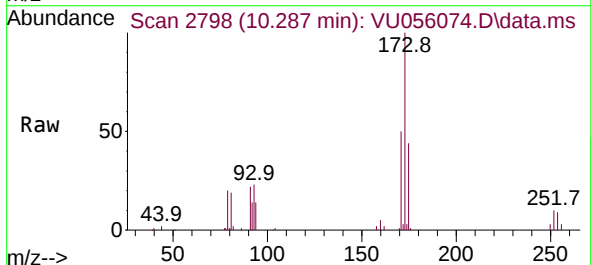
Instrument :
MSVOA_U
ClientSampleId :

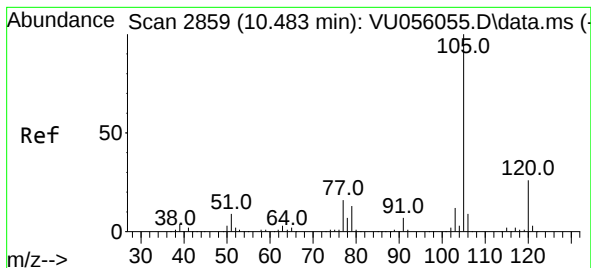
Tgt Ion: 83 Resp: 83048
Ion Ratio Lower Upper
83 100
85 65.4 46.2 85.8
131 10.1 7.2 10.8



#59
Bromoform
Concen: 5.751 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. -0.003 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

Tgt Ion: 173 Resp: 45701
Ion Ratio Lower Upper
173 100
175 45.9 37.8 56.6
254 9.3 7.4 11.0





#60

Isopropylbenzene

Concen: 5.671 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU056074.D

Acq: 03 Nov 2023 11:30

Instrument :

MSVOA_U

ClientSampleId :

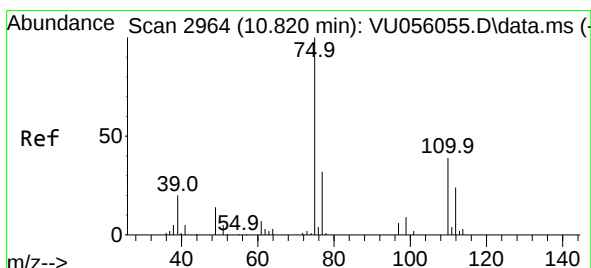
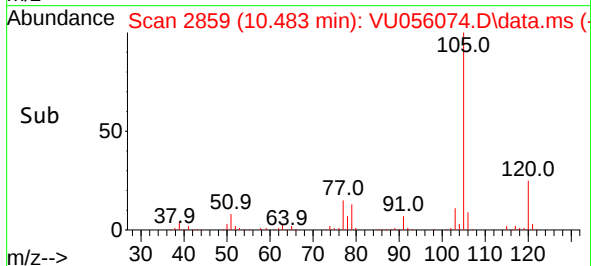
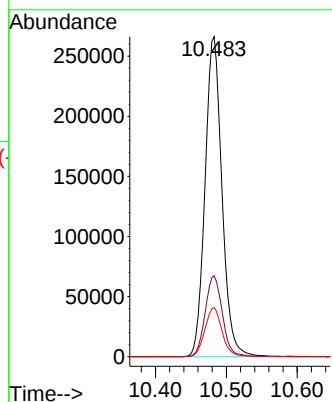
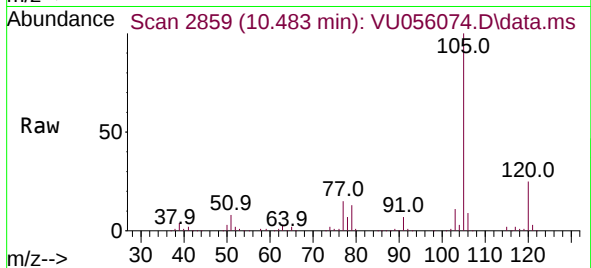
Tgt Ion:105 Resp: 441364

Ion Ratio Lower Upper

105 100

120 25.7 20.2 30.4

77 15.6 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.472 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. 0.000 min

Lab File: VU056074.D

Acq: 03 Nov 2023 11:30

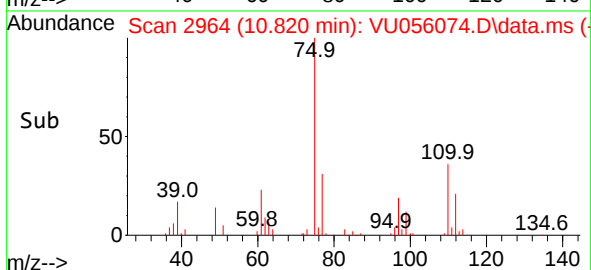
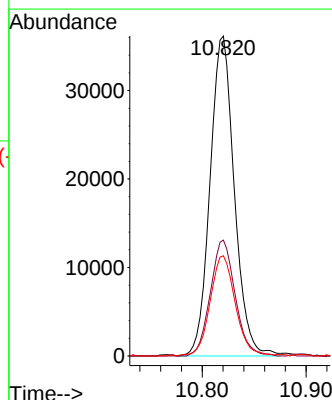
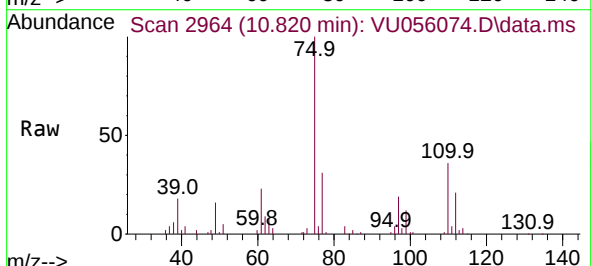
Tgt Ion: 75 Resp: 58684

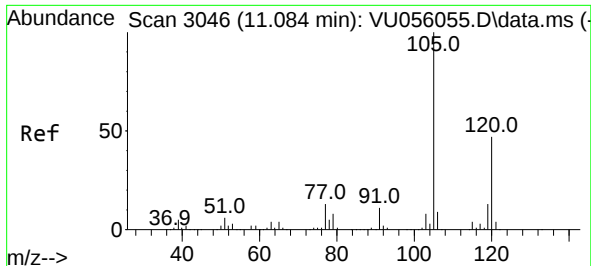
Ion Ratio Lower Upper

75 100

110 36.9 29.0 43.6

77 32.5 24.5 36.7

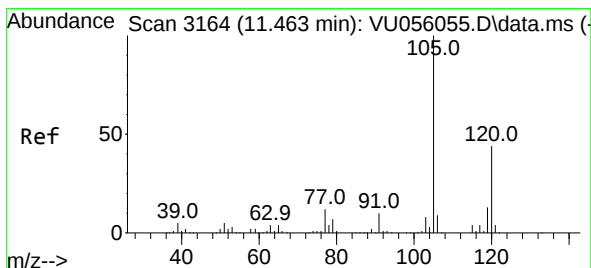
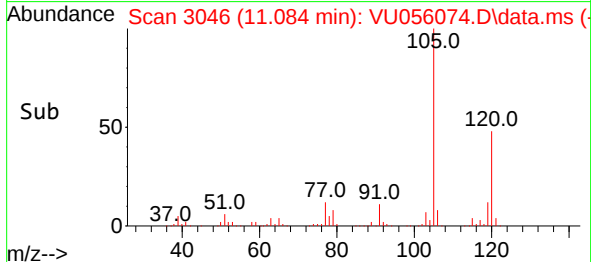
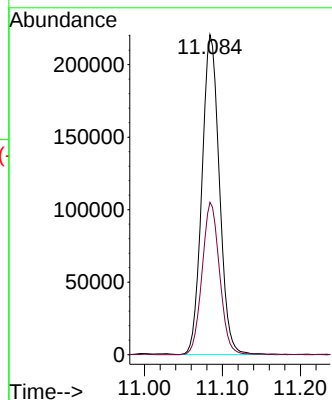
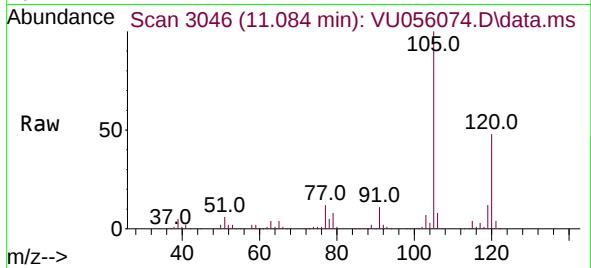




#62
1,3,5-Trimethylbenzene
Concen: 5.374 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

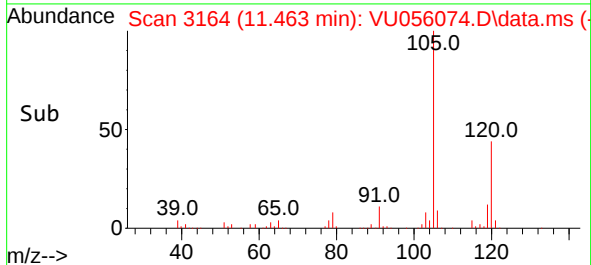
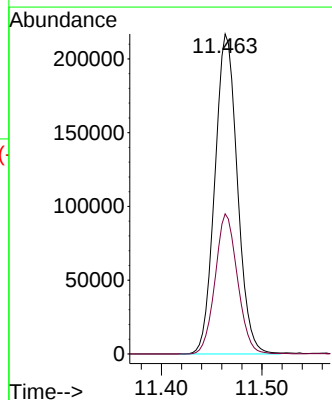
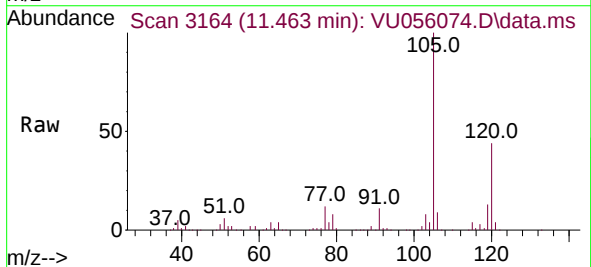
Instrument :
MSVOA_U
ClientSampleId :

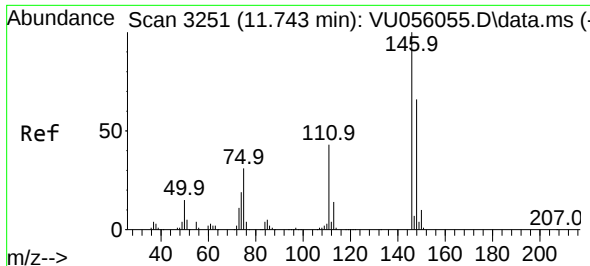
Tgt Ion:105 Resp: 341856
Ion Ratio Lower Upper
105 100
120 48.0 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 5.720 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

Tgt Ion:105 Resp: 337997
Ion Ratio Lower Upper
105 100
120 43.3 34.6 52.0

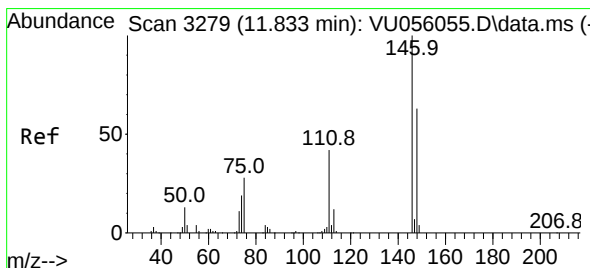
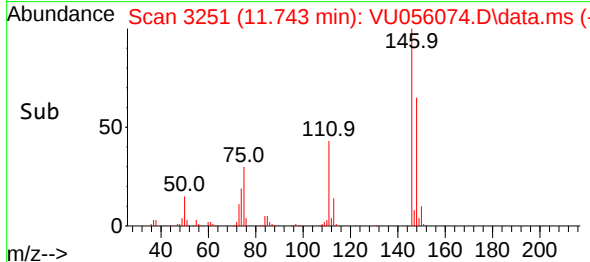
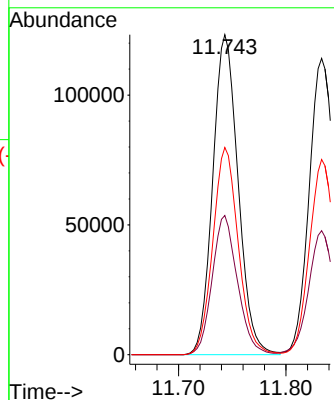
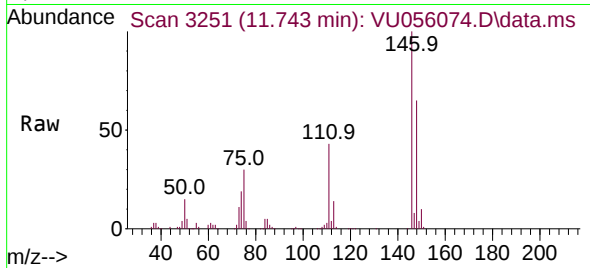




#64
1,3-Dichlorobenzene
Concen: 5.475 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

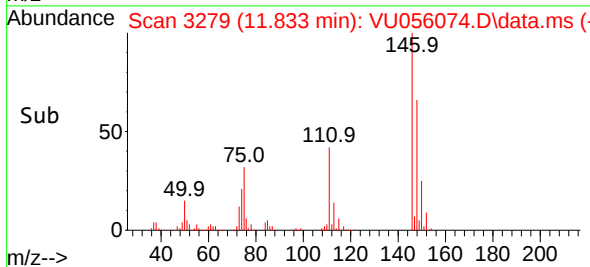
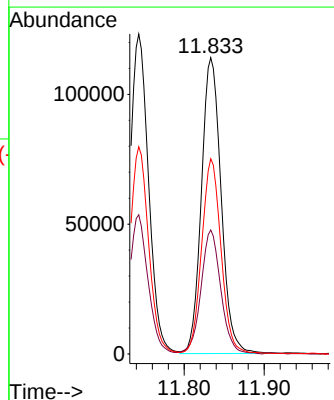
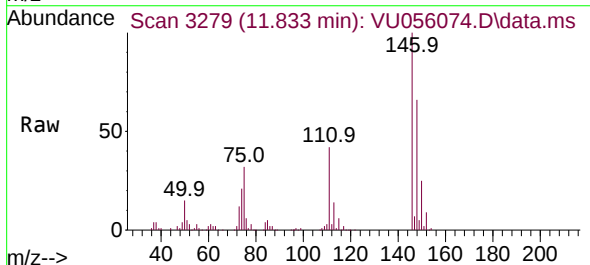
Instrument :
MSVOA_U
ClientSampleId :

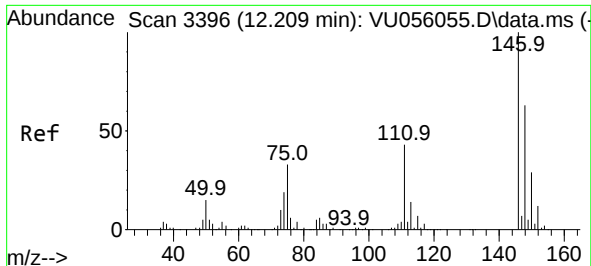
Tgt Ion:146 Resp: 202022
Ion Ratio Lower Upper
146 100
111 43.5 31.1 57.9
148 64.7 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 5.313 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

Tgt Ion:146 Resp: 195658
Ion Ratio Lower Upper
146 100
111 41.8 29.3 54.3
148 65.9 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 5.492 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU056074.D

Acq: 03 Nov 2023 11:30

Instrument :

MSVOA_U

ClientSampleId :

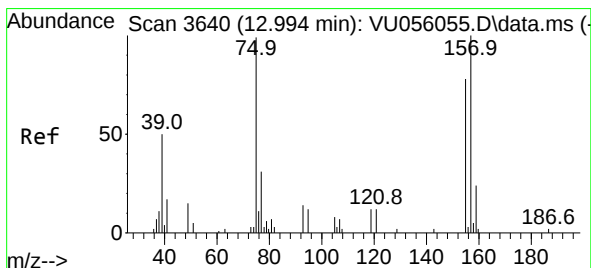
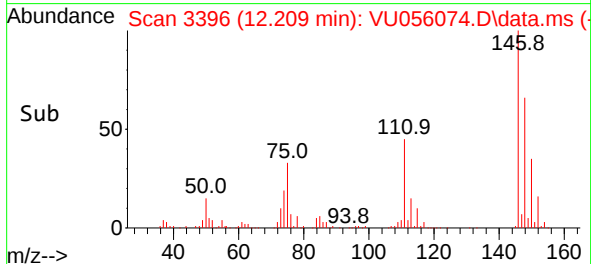
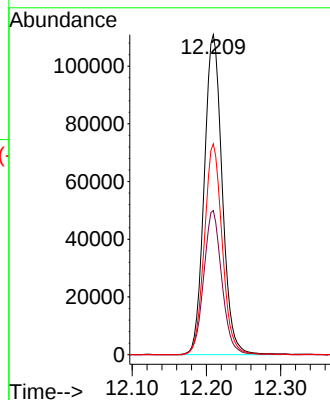
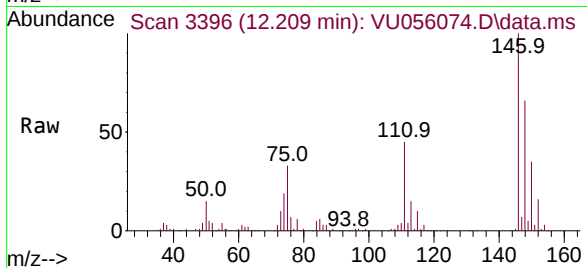
Tgt Ion:146 Resp: 186057

Ion Ratio Lower Upper

146 100

111 45.1 36.7 55.1

148 65.9 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.890 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU056074.D

Acq: 03 Nov 2023 11:30

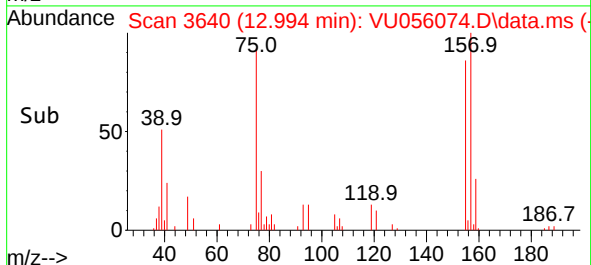
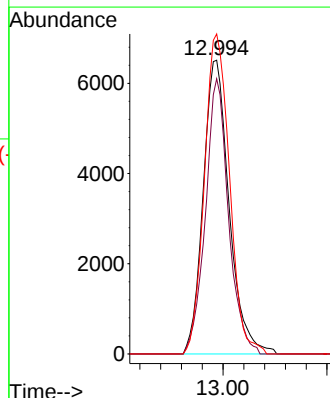
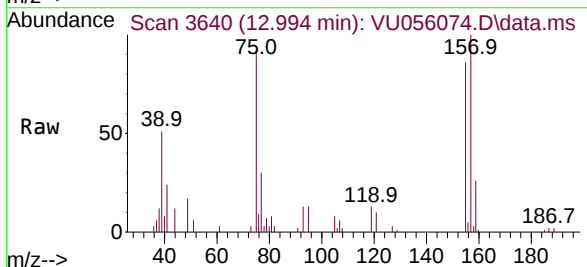
Tgt Ion: 75 Resp: 11271

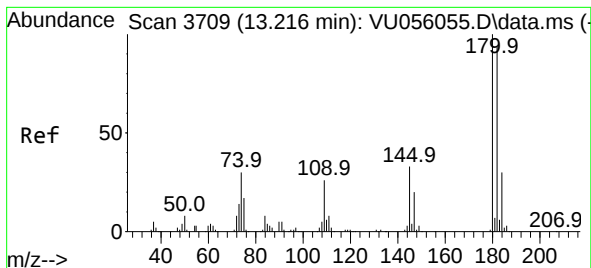
Ion Ratio Lower Upper

75 100

155 93.7 65.3 97.9

157 108.9 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 5.820 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.000 min

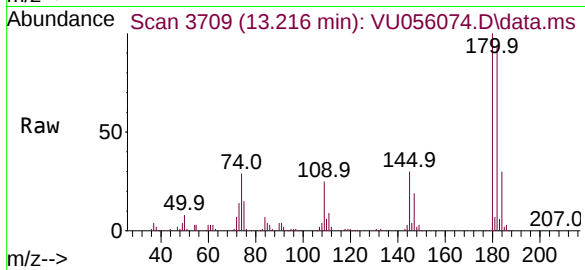
Lab File: VU056074.D

Acq: 03 Nov 2023 11:30

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 146740

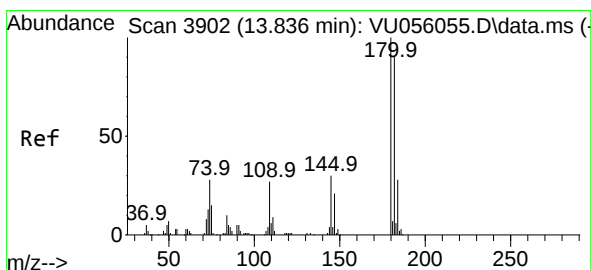
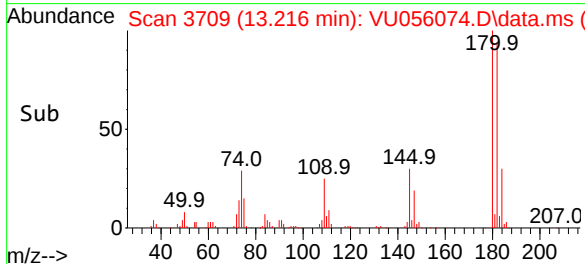
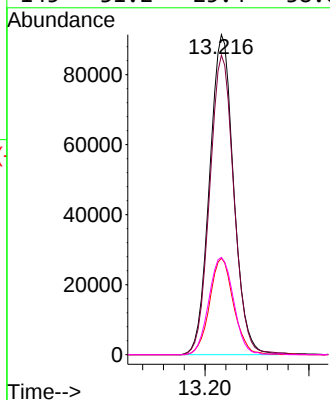
Ion Ratio Lower Upper

180 100

182 94.4 74.7 112.1

184 30.0 23.8 35.8

145 31.2 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.876 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU056074.D

Acq: 03 Nov 2023 11:30

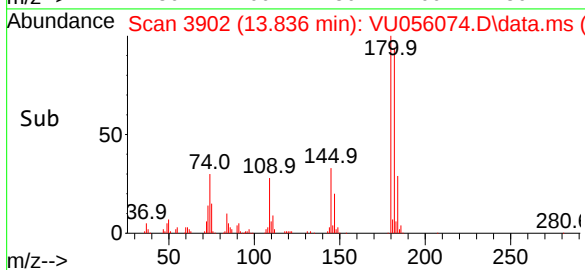
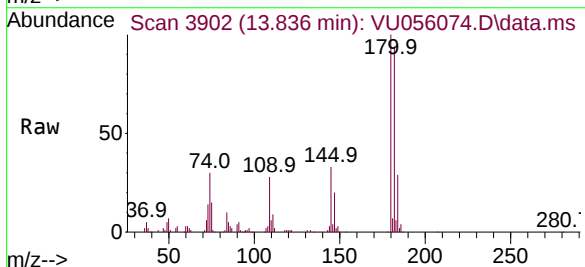
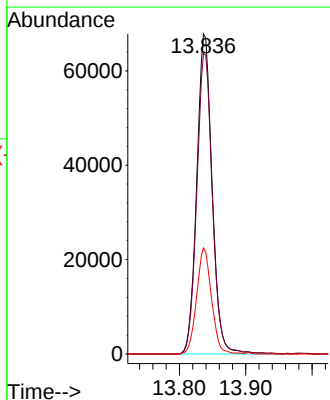
Tgt Ion:180 Resp: 109499

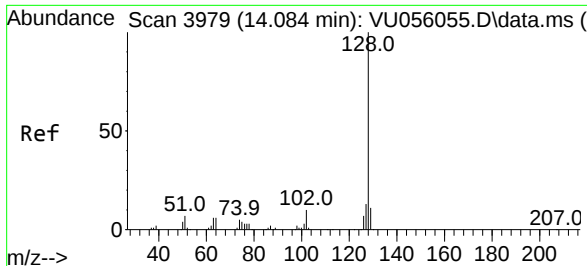
Ion Ratio Lower Upper

180 100

182 94.9 76.1 114.1

145 32.0 26.4 39.6

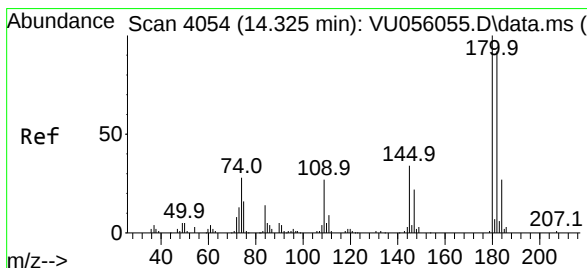
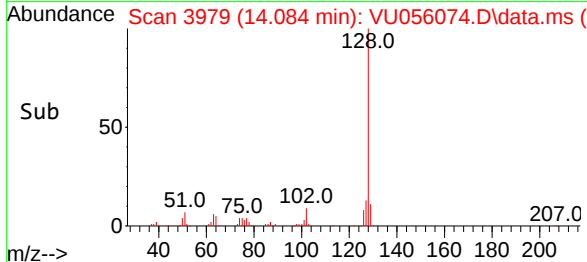
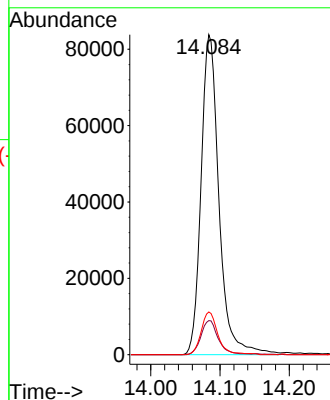
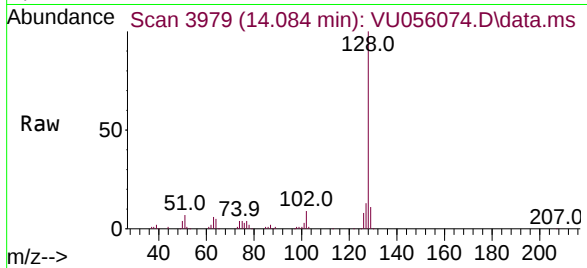




#71
Naphthalene
Concen: 5.576 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 150478
Ion Ratio Lower Upper
128 100
129 10.4 8.3 12.5
127 12.3 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.681 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU056074.D
Acq: 03 Nov 2023 11:30

Tgt Ion:180 Resp: 91280
Ion Ratio Lower Upper
180 100
182 97.5 74.6 112.0
145 34.3 27.4 41.2

