

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056826.D
 Acq On : 14 Dec 2023 09:28
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 00:47:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 01:32:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	239920	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	240738	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	111639	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	91526	4.451	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.911	69	74782	4.859	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.563	65	41483	4.715	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.624	46	215953	53.173	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.340%
24) Chloroform-d	5.055	84	214621	5.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.200%
26) 1,2-Dichloroethane-d4	5.695	65	99195	5.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	5.721	84	399654	5.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	6.685	67	121834	5.213	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.894	98	352305	5.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
43) trans-1,3-Dichloroprop...	8.177	79	46705	5.153	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.631	63	174744	51.119	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.240%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	91366	5.403	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	115125	5.246	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	132562	5.273	ug/L	98
3) Chloromethane	1.515	50	127716	5.167	ug/L	99
5) Vinyl chloride	1.602	62	134642	5.485	ug/L	98
6) Bromomethane	1.856	94	80701	5.576	ug/L	97
8) Chloroethane	1.930	64	75746	5.267	ug/L	98
9) Trichlorofluoromethane	2.136	101	186647	5.395	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	112211	5.288	ug/L	98
12) 1,1-Dichloroethene	2.576	96	102930	5.284	ug/L	93
13) Acetone	2.634	43	120101	48.525	ug/L	100
14) Carbon disulfide	2.788	76	343406	5.081	ug/L	100
15) Methyl Acetate	2.952	43	33925	5.035	ug/L	91
16) Methylene chloride	3.039	84	117258	5.526	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	211609	4.899	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	103803	5.256	ug/L	97
19) 1,1-Dichloroethane	3.862	63	199608	5.254	ug/L	97
21) 2-Butanone	4.702	43	196564	47.094	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	110423	5.139	ug/L	98
23) Bromochloromethane	4.968	128	46974	5.222	ug/L	96
25) Chloroform	5.081	83	213003	5.352	ug/L	100

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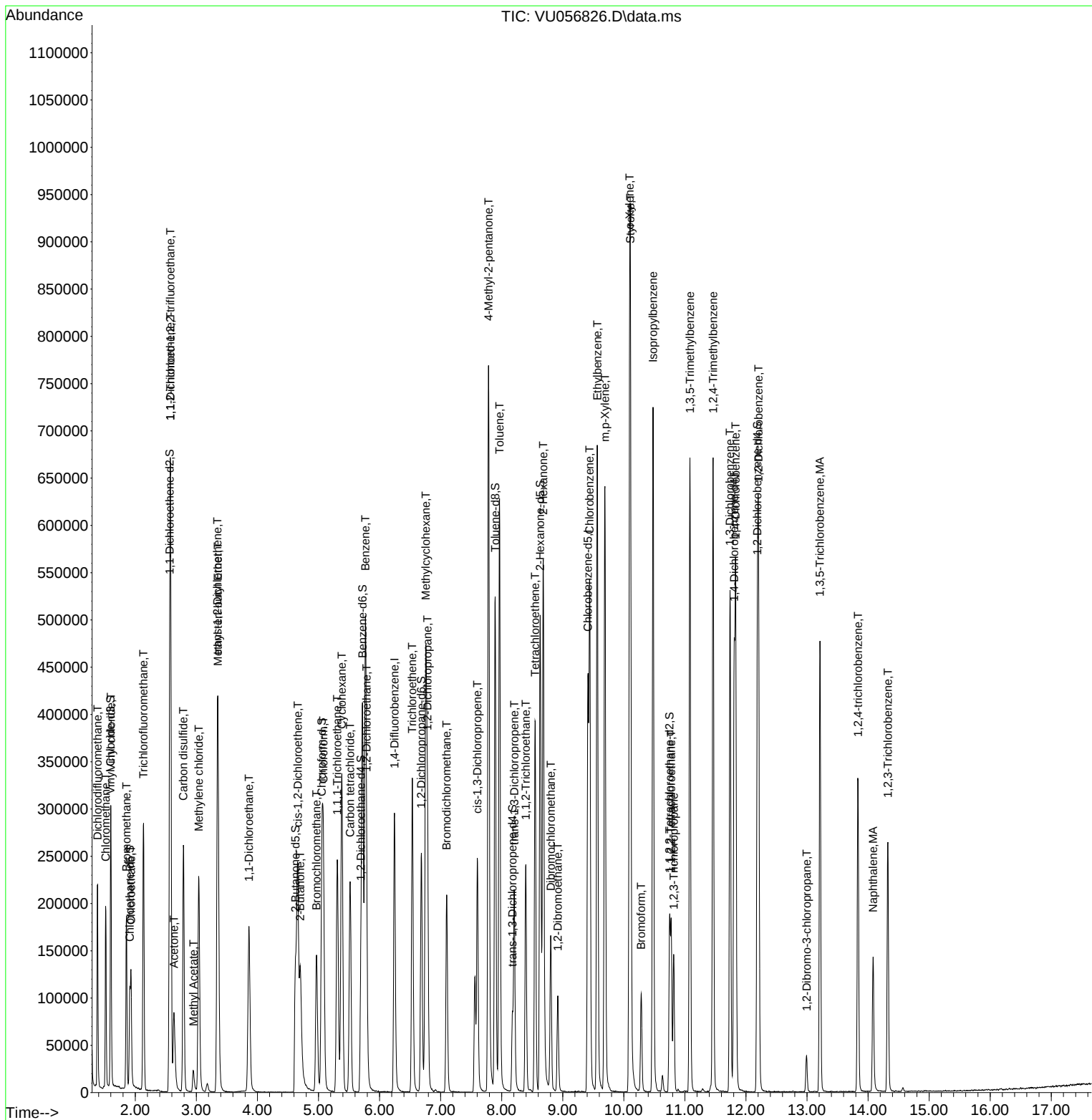
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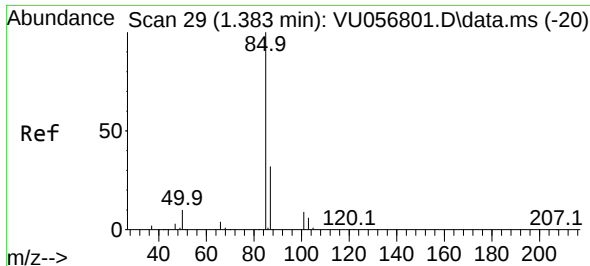
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	118141	5.020	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	185662	5.335	ug/L	98
30) Cyclohexane	5.383	56	162815	4.985	ug/L	100
31) Carbon tetrachloride	5.518	117	157737	5.215	ug/L	99
33) Benzene	5.769	78	451019	5.331	ug/L	100
34) Trichloroethene	6.537	95	119898	5.166	ug/L	96
35) Methylcyclohexane	6.759	83	167894	4.902	ug/L	98
37) 1,2-Dichloropropane	6.785	63	115667	5.344	ug/L	99
38) Bromodichloromethane	7.100	83	140168	5.079	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	155316	4.924	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	495044	48.171	ug/L	99
42) Toluene	7.965	91	472951	5.403	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	125564	4.857	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	76158	5.205	ug/L	97
47) Tetrachloroethene	8.547	164	85282	5.251	ug/L	95
48) 2-Hexanone	8.682	43	359040	49.053	ug/L	99
49) Dibromochloromethane	8.804	129	84068	4.999	ug/L	95
50) 1,2-Dibromoethane	8.920	107	68084	5.014	ug/L	99
51) Chlorobenzene	9.441	112	288934	5.179	ug/L	99
52) Ethylbenzene	9.566	91	492539	5.100	ug/L	100
53) m,p-Xylene	9.692	106	185647	5.160	ug/L	95
54) o-Xylene	10.097	106	174335	5.086	ug/L	100
55) Styrene	10.110	104	299962	5.329	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	89660	5.072	ug/L	97
59) Bromoform	10.283	173	47703	5.233	ug/L	98
60) Isopropylbenzene	10.479	105	473145	5.364	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	62212	5.190	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	366789	5.088	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	365278	5.102	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	216662	5.193	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	207926	5.061	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	200788	5.283	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.994	75	11447	4.783	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	140994	4.472	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	101084	4.049	ug/L	99
71) Naphthalene	14.084	128	119248	3.264	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	81185	3.830	ug/L	97

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

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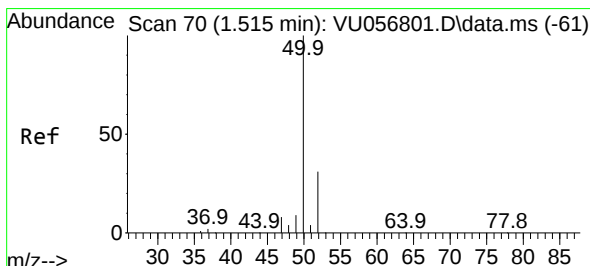
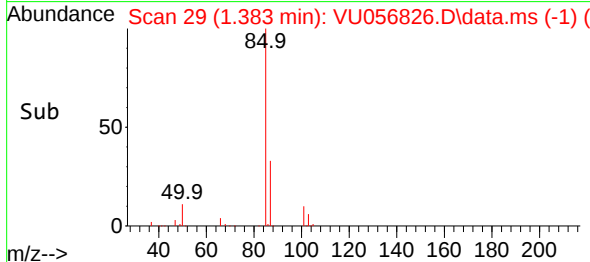
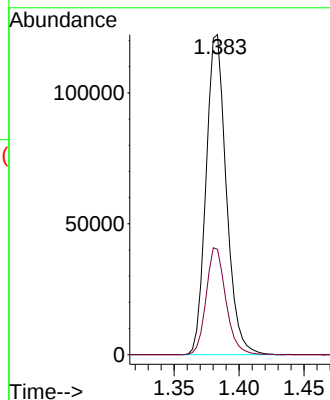
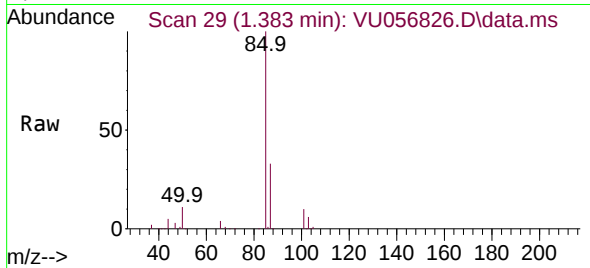




#2
Dichlorodifluoromethane
Concen: 5.273 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

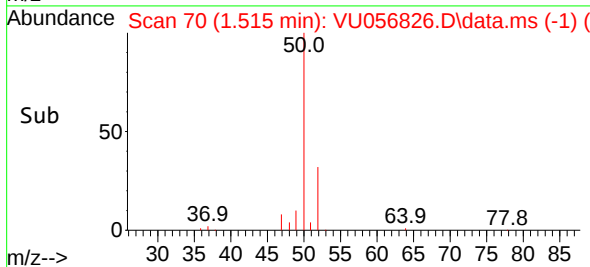
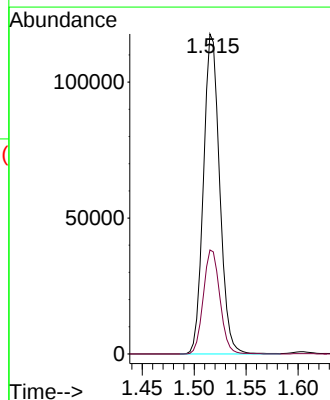
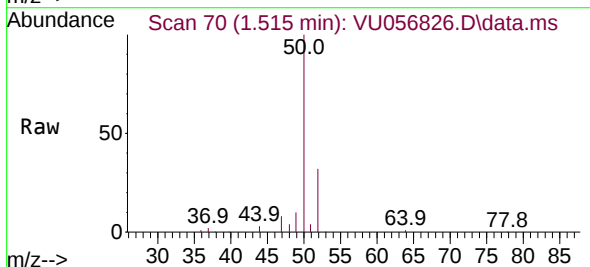
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MSVOA_U
ClientSampleId :

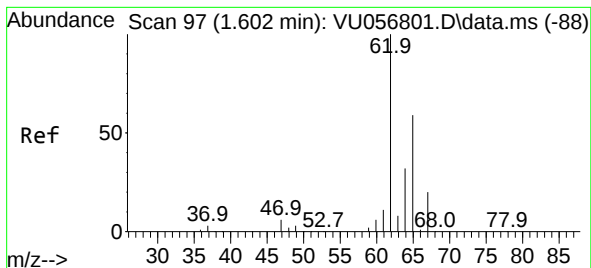
Tgt Ion: 85 Resp: 132562
Ion Ratio Lower Upper
85 100
87 32.5 26.8 40.2



#3
Chloromethane
Concen: 5.167 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

Tgt Ion: 50 Resp: 127716
Ion Ratio Lower Upper
50 100
52 32.5 22.5 41.7





#5

Vinyl chloride

Concen: 5.485 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU056826.D

Acq: 14 Dec 2023 09:28

Instrument :

MSVOA_U

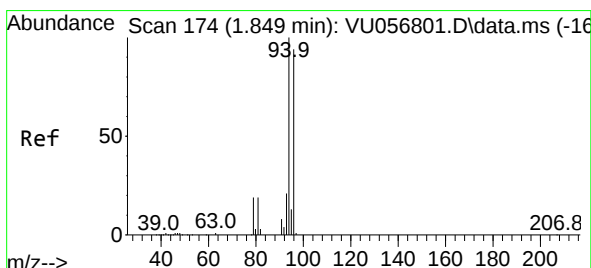
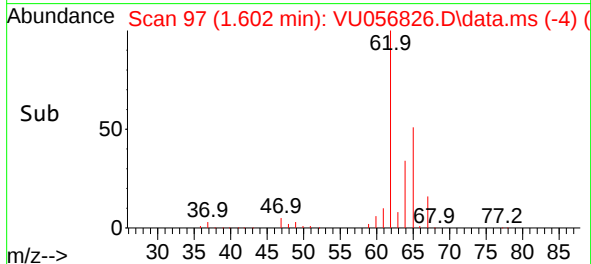
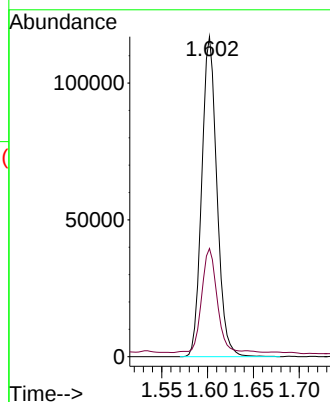
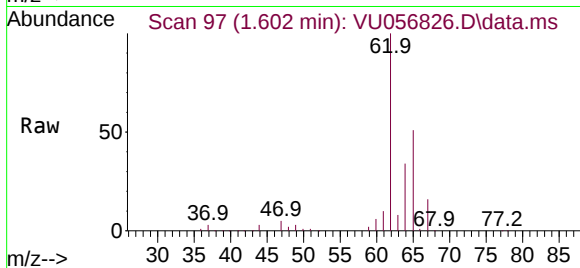
ClientSampleId :

Tgt Ion: 62 Resp: 134642

Ion Ratio Lower Upper

62 100

64 33.8 22.8 42.4



#6

Bromomethane

Concen: 5.576 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.007 min

Lab File: VU056826.D

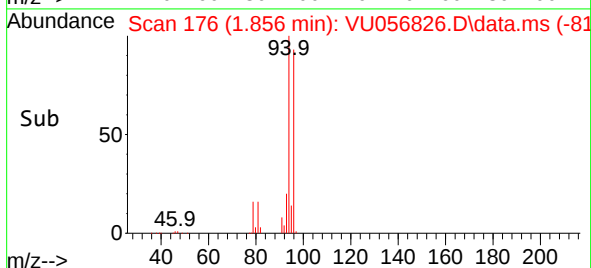
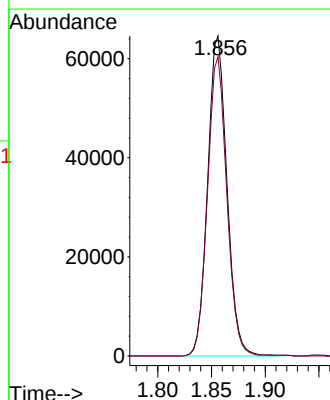
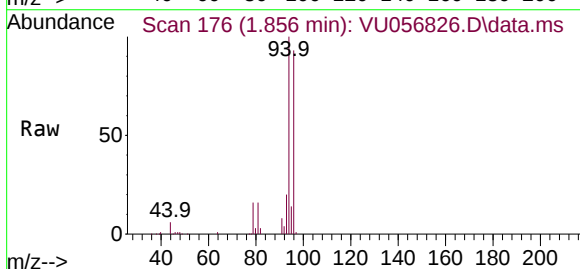
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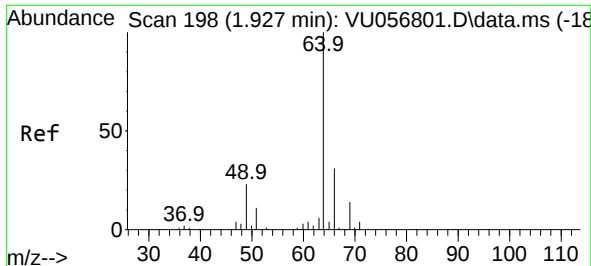
Tgt Ion: 94 Resp: 80701

Ion Ratio Lower Upper

94 100

96 93.5 67.8 125.8

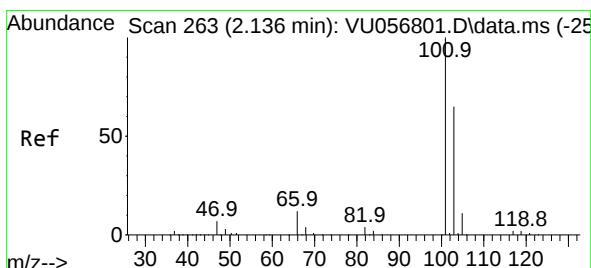
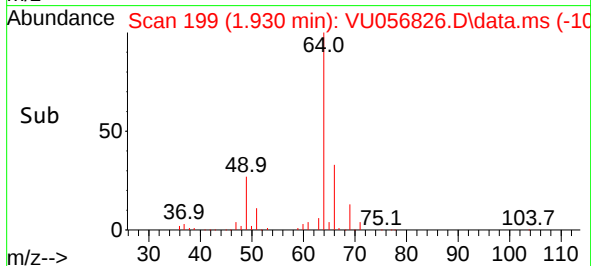
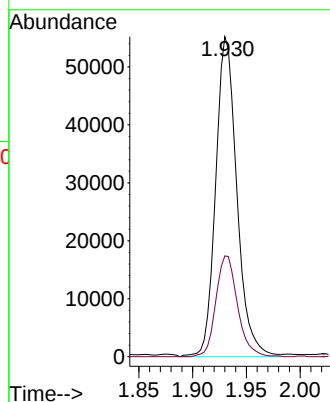
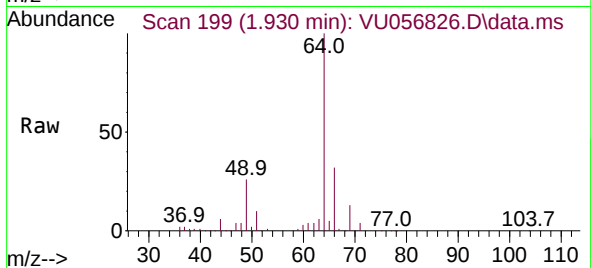




#8
Chloroethane
Concen: 5.267 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

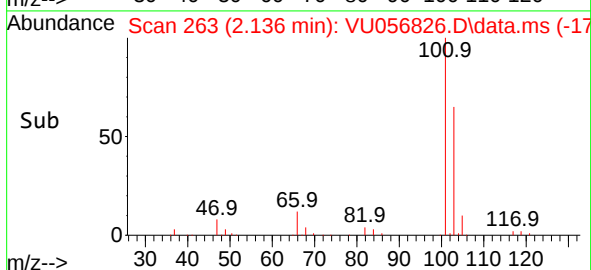
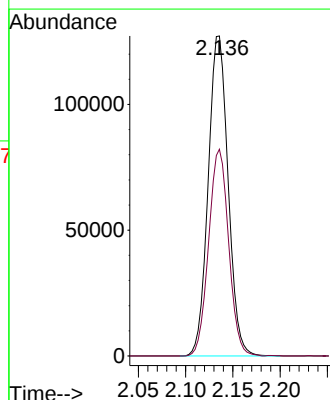
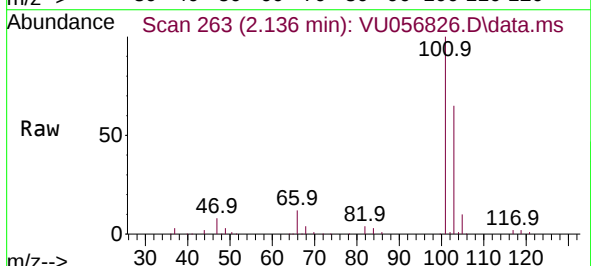
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ClientSampleId :

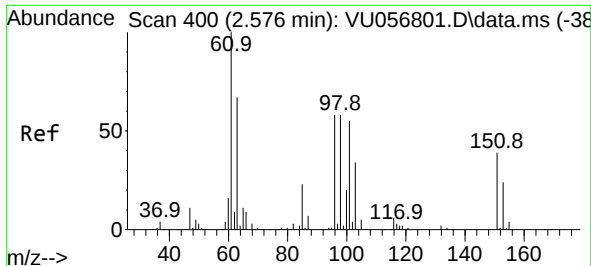
Tgt Ion: 64 Resp: 75746
Ion Ratio Lower Upper
64 100
66 31.5 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.395 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

Tgt Ion:101 Resp: 186647
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

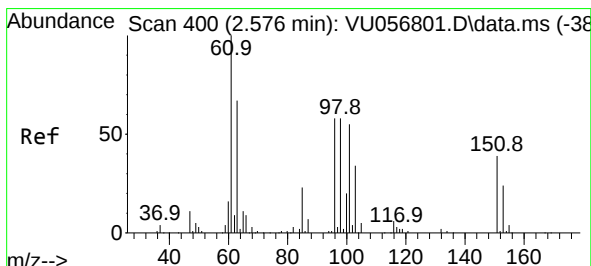
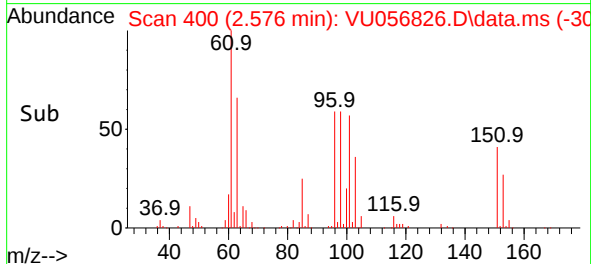
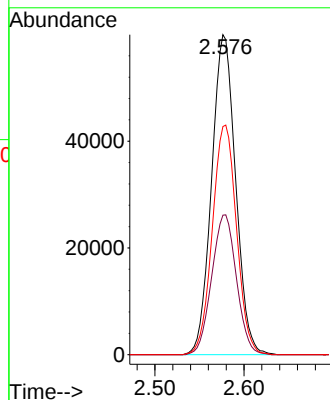
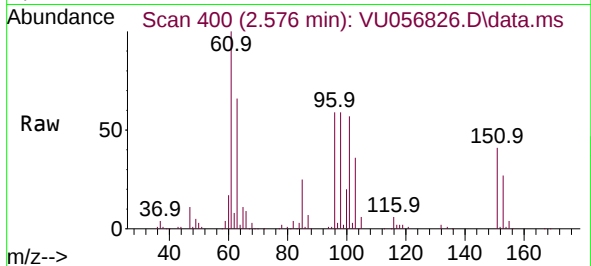




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.288 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056826.D
 Acq: 14 Dec 2023 09:28

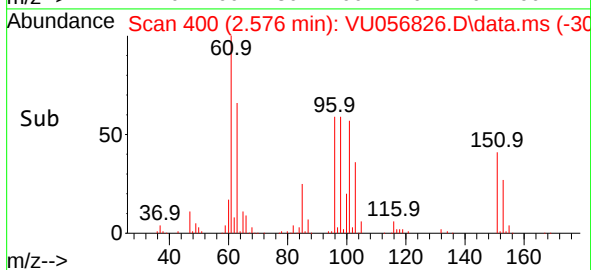
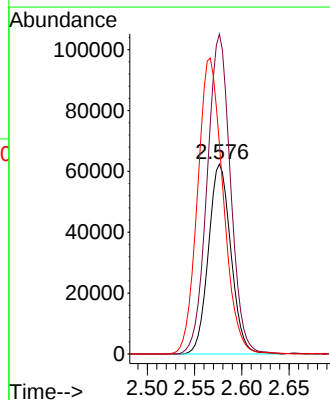
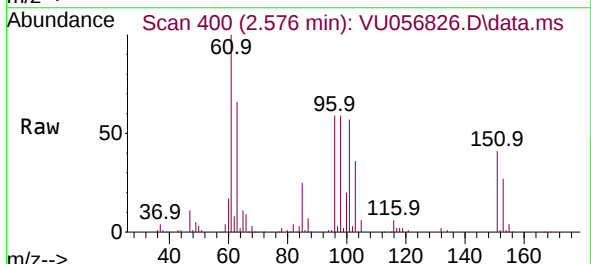
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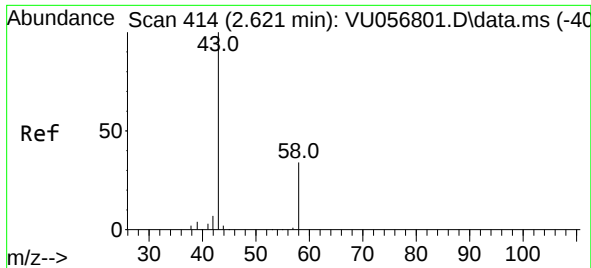
Tgt Ion:101 Resp: 112211
 Ion Ratio Lower Upper
 101 100
 85 45.0 35.2 52.8
 151 72.3 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 5.284 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056826.D
 Acq: 14 Dec 2023 09:28

Tgt Ion: 96 Resp: 102930
 Ion Ratio Lower Upper
 96 100
 61 168.5 119.0 221.0
 63 110.4 88.7 164.7





#13

Acetone

Concen: 48.525 ug/L

RT: 2.634 min Scan# 414

Delta R.T. 0.013 min

Lab File: VU056826.D

Acq: 14 Dec 2023 09:28

Instrument :

MSVOA_U

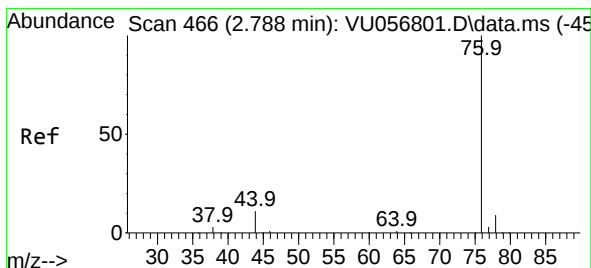
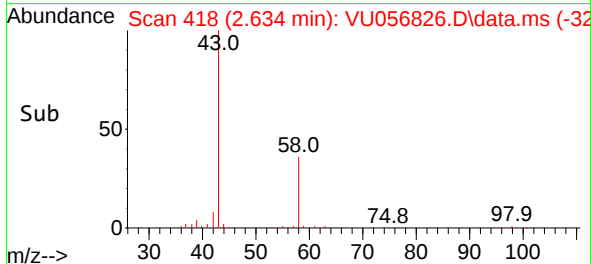
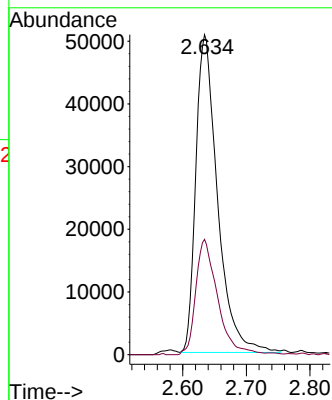
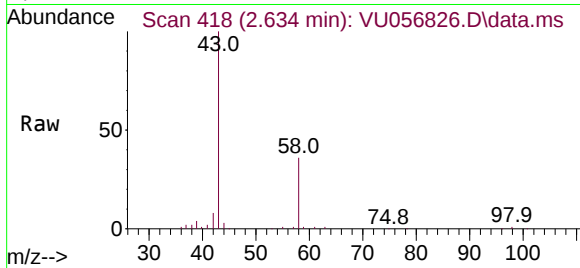
ClientSampleId :

Tgt Ion: 43 Resp: 120101

Ion Ratio Lower Upper

43 100

58 36.4 0.0 72.6



#14

Carbon disulfide

Concen: 5.081 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU056826.D

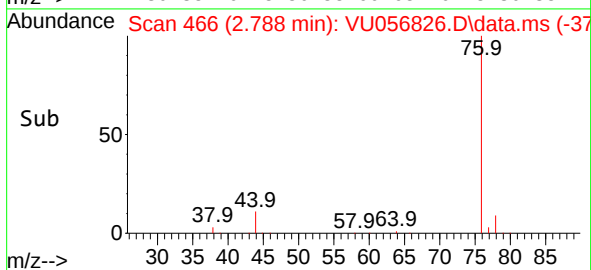
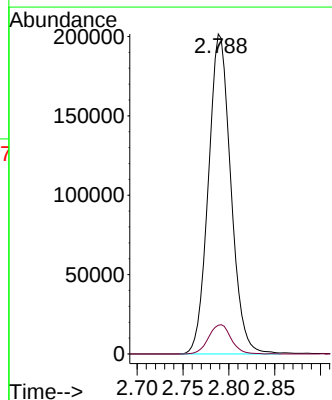
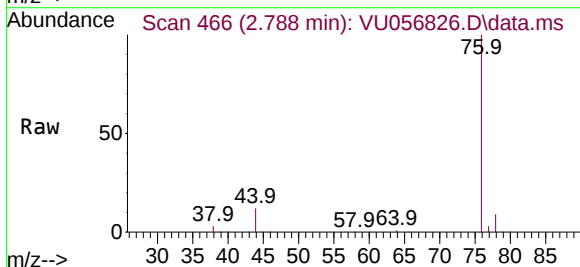
Acq: 14 Dec 2023 09:28

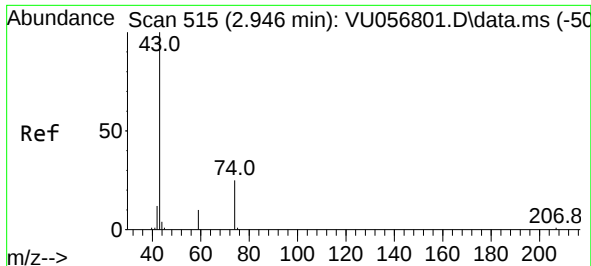
Tgt Ion: 76 Resp: 343406

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

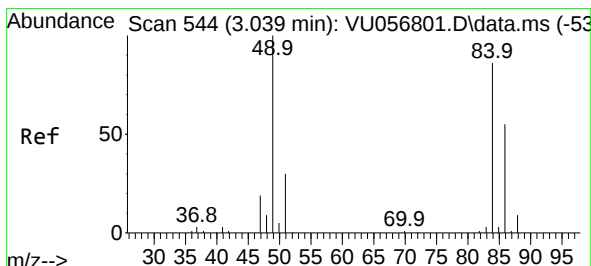
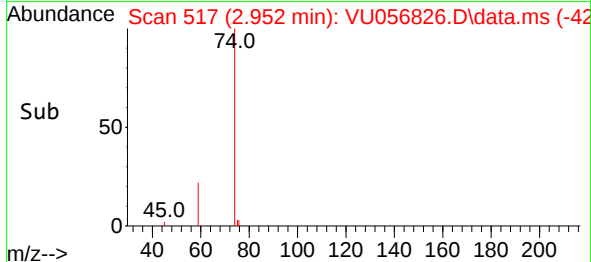
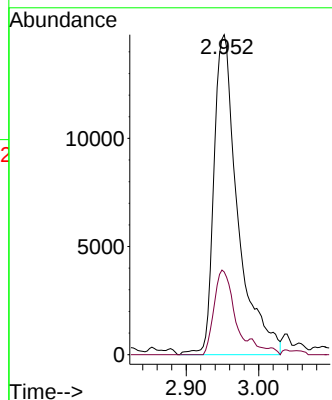
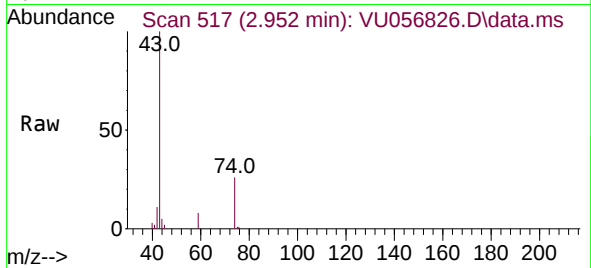




#15
Methyl Acetate
Concen: 5.035 ug/L
RT: 2.952 min Scan# 515
Delta R.T. 0.006 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

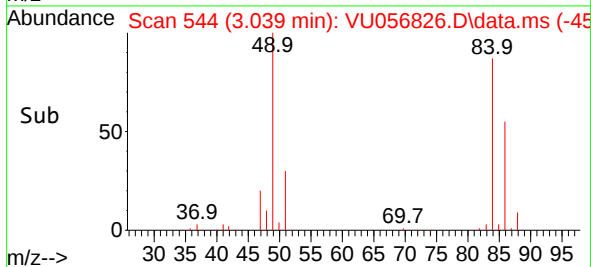
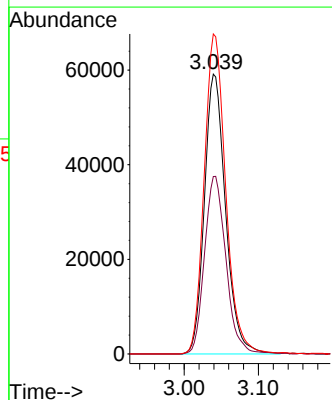
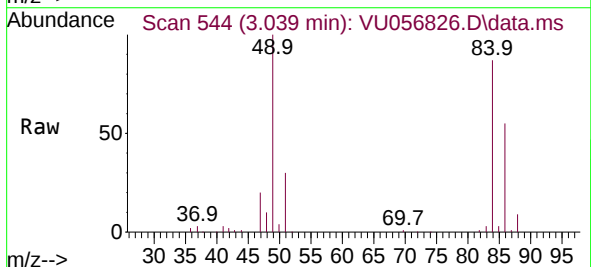
Instrument :
MSVOA_U
ClientSampleId :

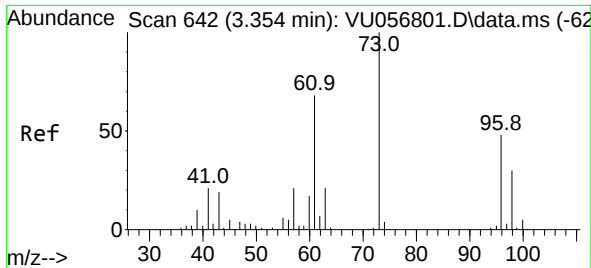
Tgt Ion: 43 Resp: 33925
Ion Ratio Lower Upper
43 100
74 21.7 21.0 31.6



#16
Methylene chloride
Concen: 5.526 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

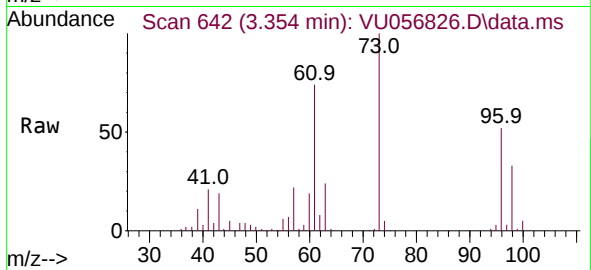
Tgt Ion: 84 Resp: 117258
Ion Ratio Lower Upper
84 100
86 63.4 43.6 81.0
49 114.4 80.6 149.6





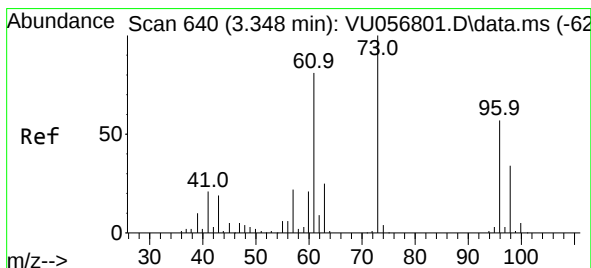
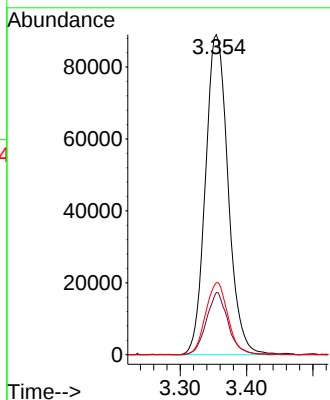
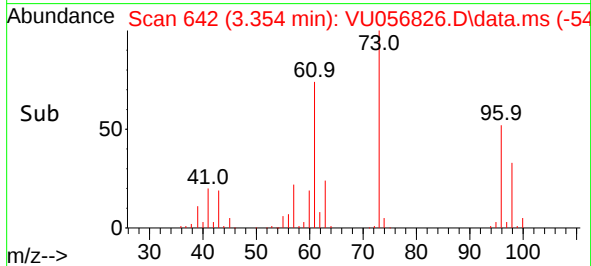
#17
Methyl tert-butyl Ether
Concen: 4.899 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

Instrument :
MSVOA_U
ClientSampleId :

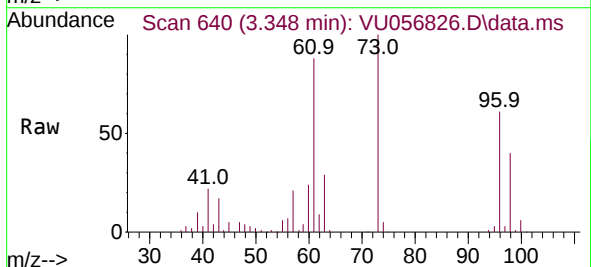


Tgt Ion: 73 Resp: 211609

Ion	Ratio	Lower	Upper
73	100		
43	18.6	14.4	21.6
57	22.3	17.8	26.8

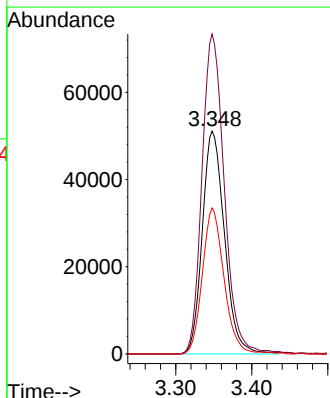
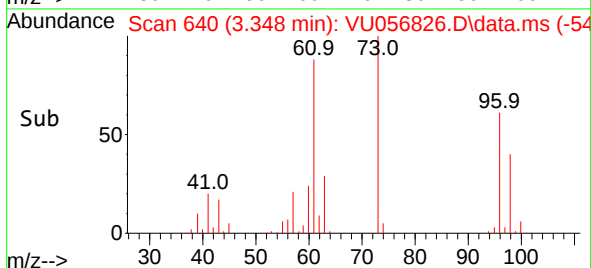


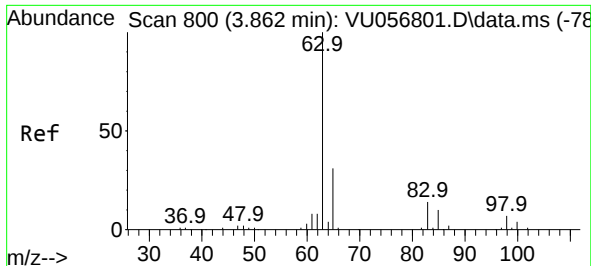
#18
trans-1,2-Dichloroethene
Concen: 5.256 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28



Tgt Ion: 96 Resp: 103803

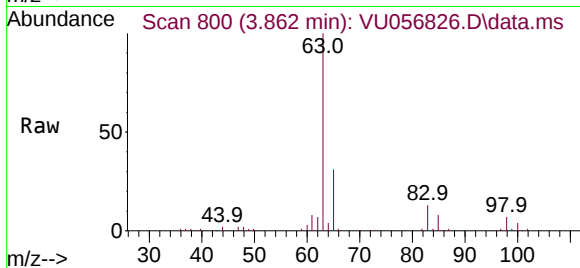
Ion	Ratio	Lower	Upper
96	100		
61	143.6	101.8	189.0
98	65.5	43.0	79.8



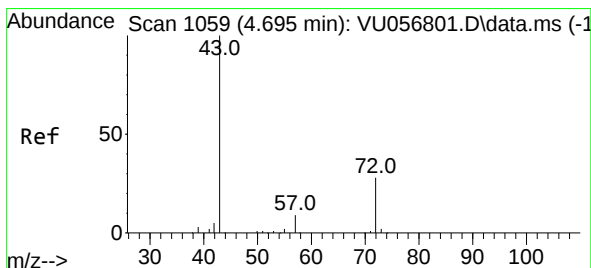
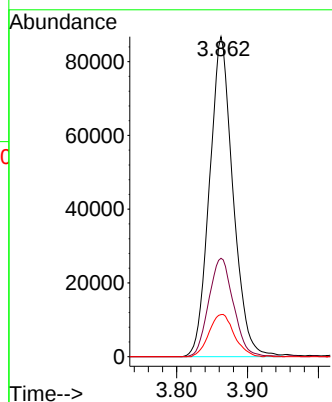
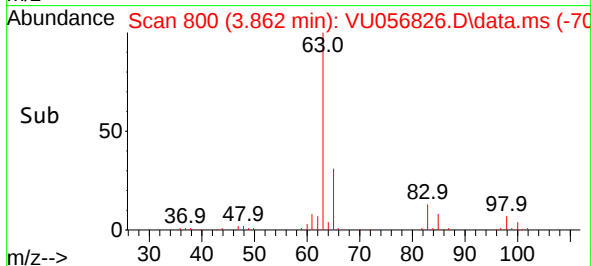


#19
1,1-Dichloroethane
Concen: 5.254 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

Instrument :
MSVOA_U
ClientSampleId :

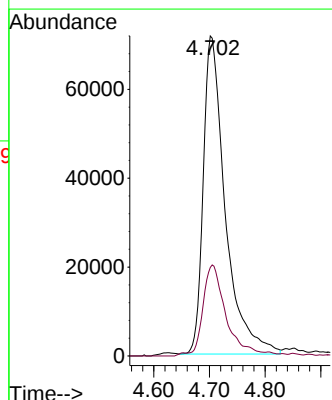
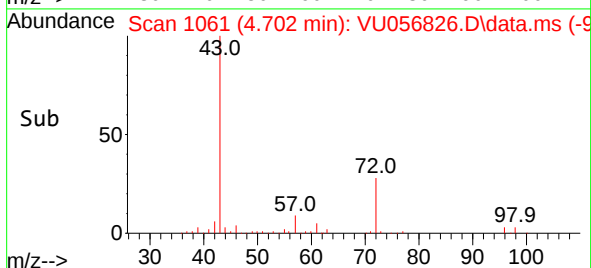
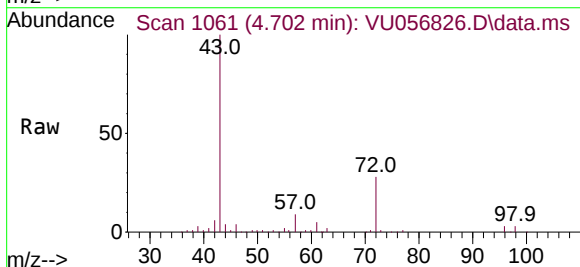


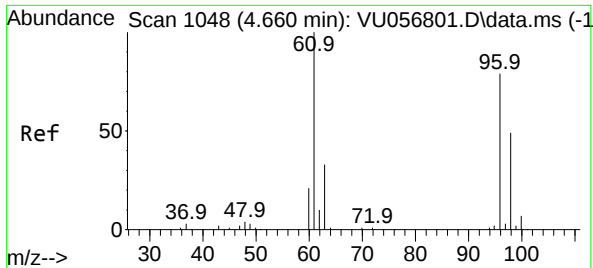
Tgt Ion: 63 Resp: 199608
Ion Ratio Lower Upper
63 100
65 30.8 22.9 42.5
83 13.1 10.1 18.9



#21
2-Butanone
Concen: 47.094 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. 0.007 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

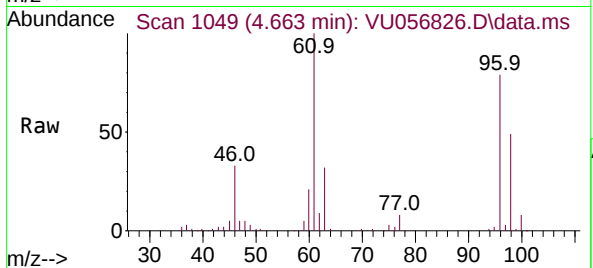
Tgt Ion: 43 Resp: 196564
Ion Ratio Lower Upper
43 100
72 27.9 14.6 43.8





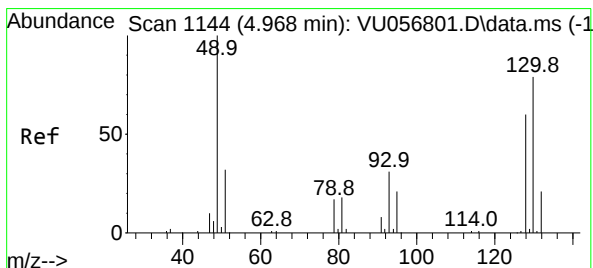
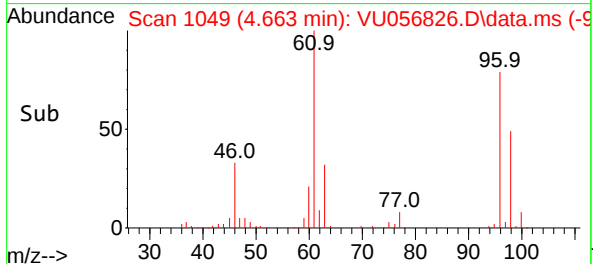
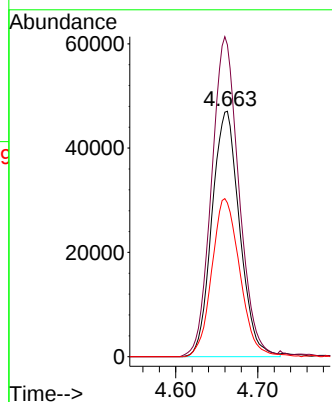
#22
 cis-1,2-Dichloroethene
 Concen: 5.139 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU056826.D
 Acq: 14 Dec 2023 09:28

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 110423

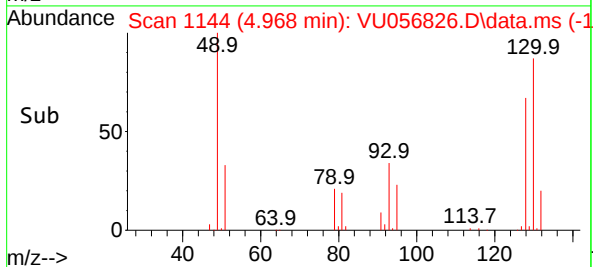
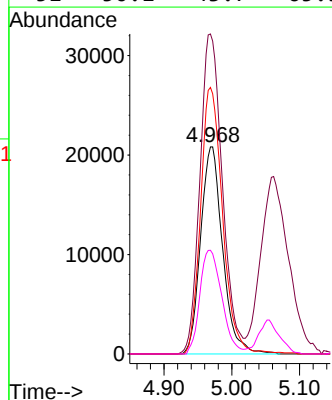
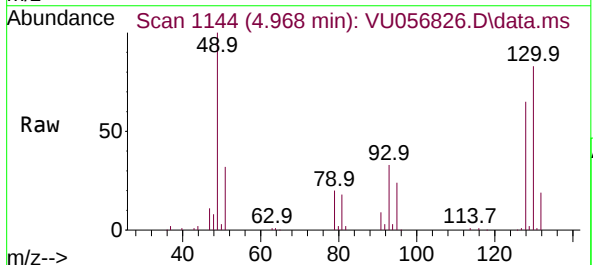
Ion	Ratio	Lower	Upper
96	100		
61	127.0	91.3	169.6
98	62.6	44.2	82.0

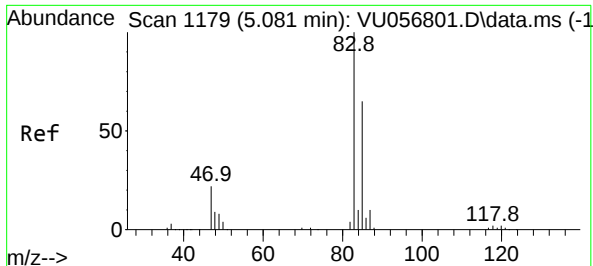


#23
 Bromochloromethane
 Concen: 5.222 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU056826.D
 Acq: 14 Dec 2023 09:28

Tgt Ion: 128 Resp: 46974

Ion	Ratio	Lower	Upper
128	100		
49	154.6	113.8	211.3
130	128.7	90.6	168.3
51	50.1	43.7	65.5





#25

Chloroform

Concen: 5.352 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056826.D

Acq: 14 Dec 2023 09:28

Instrument :

MSVOA_U

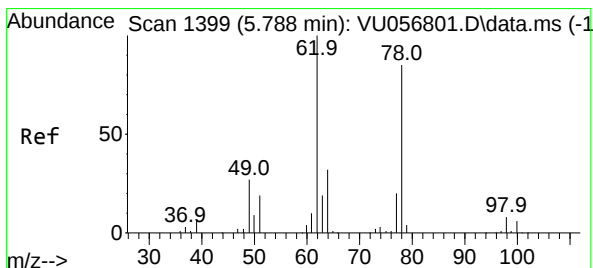
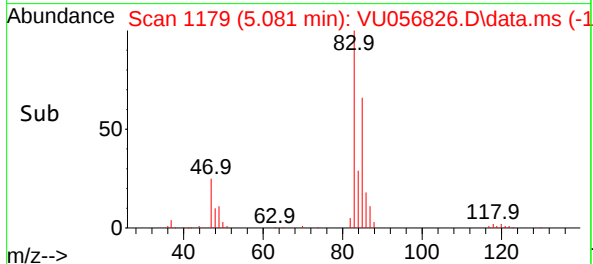
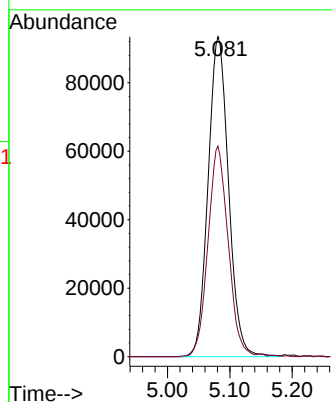
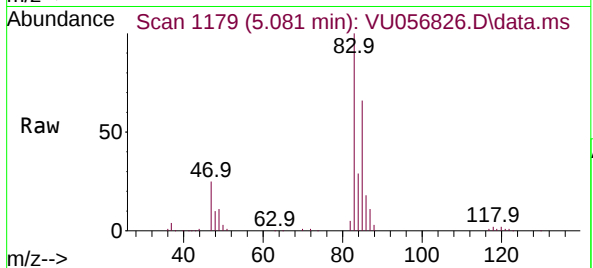
ClientSampleId :

Tgt Ion: 83 Resp: 213003

Ion Ratio Lower Upper

83 100

85 65.8 45.8 85.0



#27

1,2-Dichloroethane

Concen: 5.020 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU056826.D

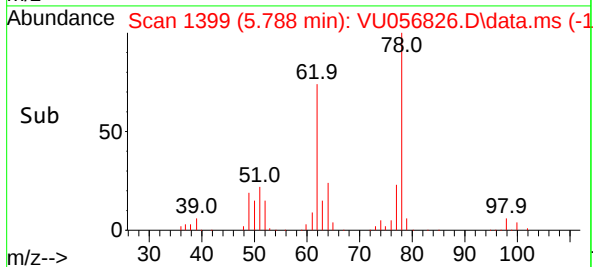
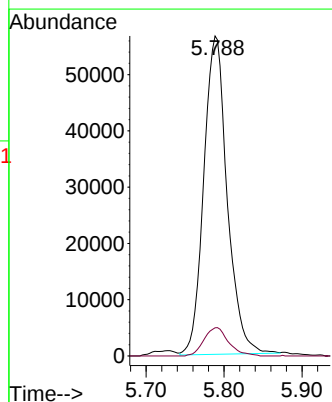
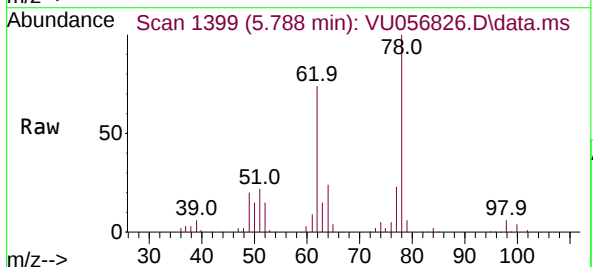
Acq: 14 Dec 2023 09:28

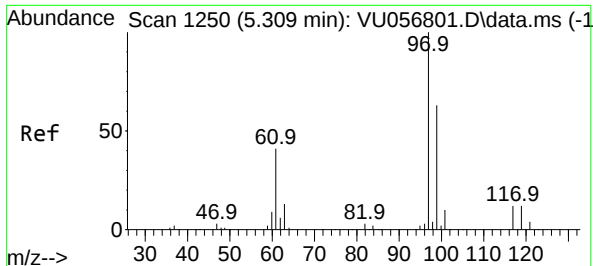
Tgt Ion: 62 Resp: 118141

Ion Ratio Lower Upper

62 100

98 8.8 7.8 11.6

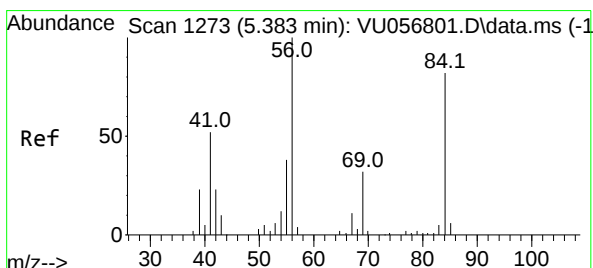
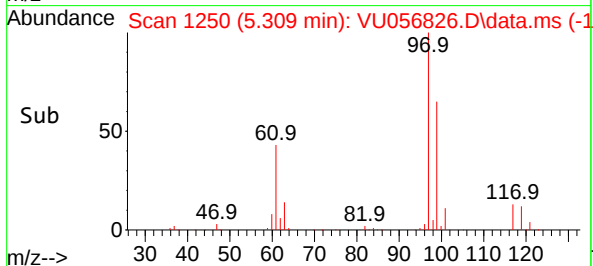
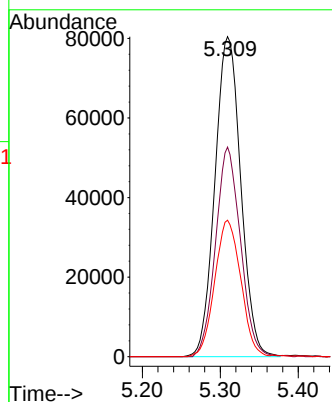
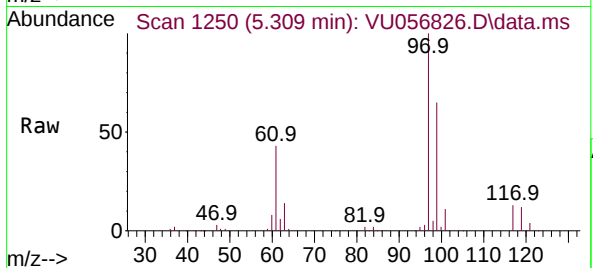




#29
1,1,1-Trichloroethane
Concen: 5.335 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

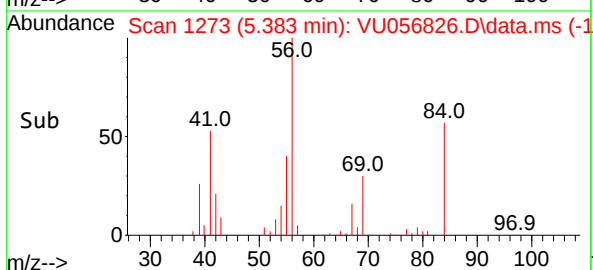
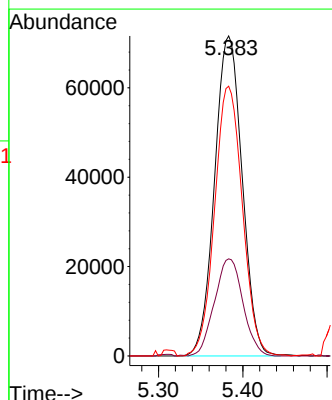
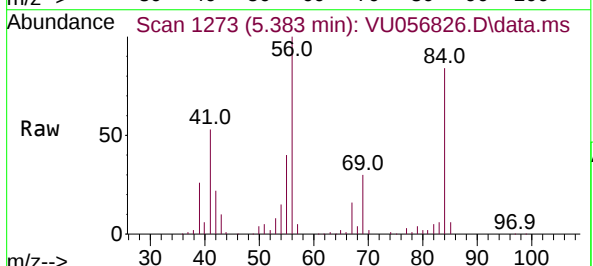
Instrument :
MSVOA_U
ClientSampleId :

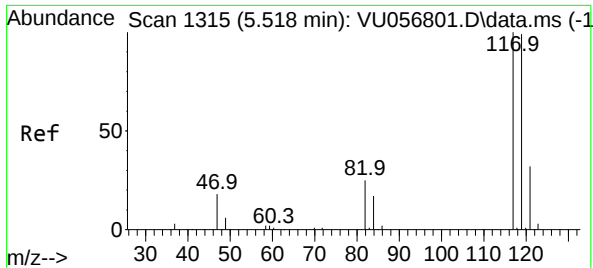
Tgt Ion: 97 Resp: 185662
Ion Ratio Lower Upper
97 100
99 63.0 52.5 78.7
61 42.9 34.2 51.2



#30
Cyclohexane
Concen: 4.985 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

Tgt Ion: 56 Resp: 162815
Ion Ratio Lower Upper
56 100
69 31.3 24.9 37.3
84 84.9 67.6 101.4

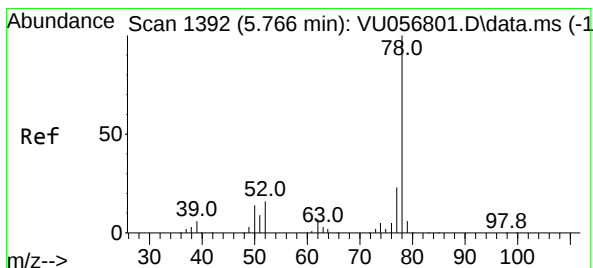
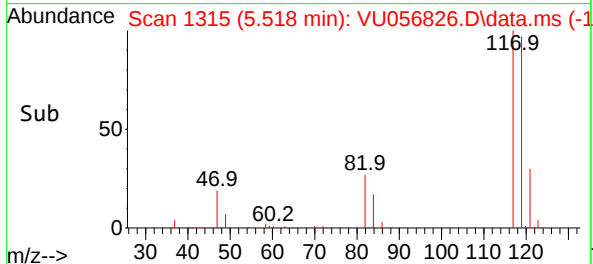
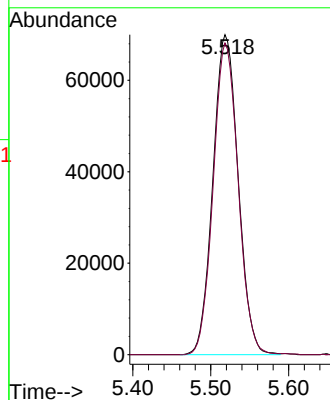
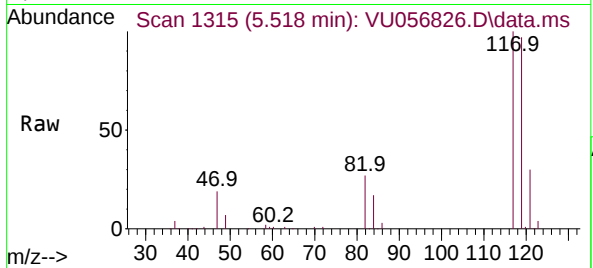




#31
Carbon tetrachloride
Concen: 5.215 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

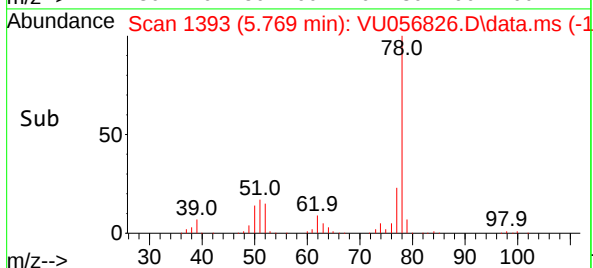
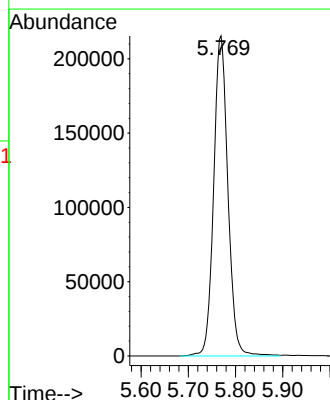
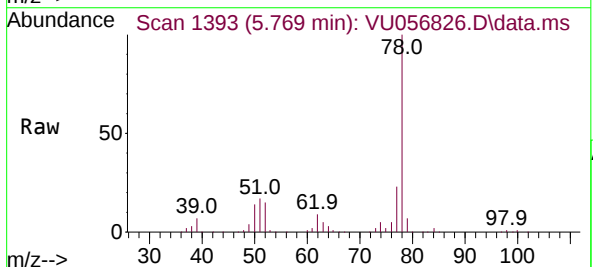
Instrument :
MSVOA_U
ClientSampleId :

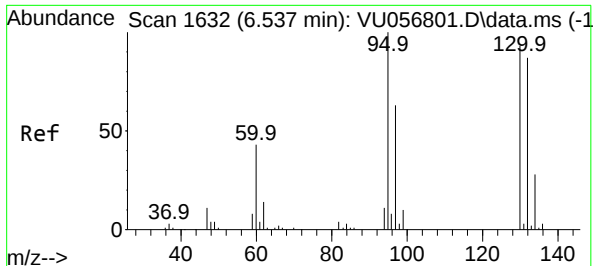
Tgt Ion:117 Resp: 157737
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.4



#33
Benzene
Concen: 5.331 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

Tgt Ion: 78 Resp: 451019

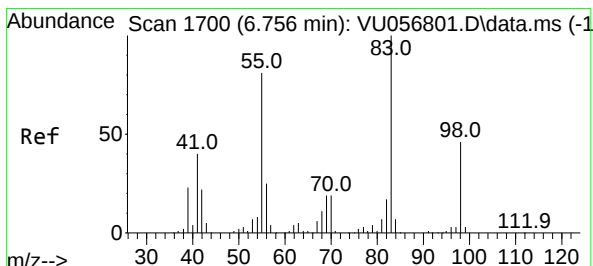
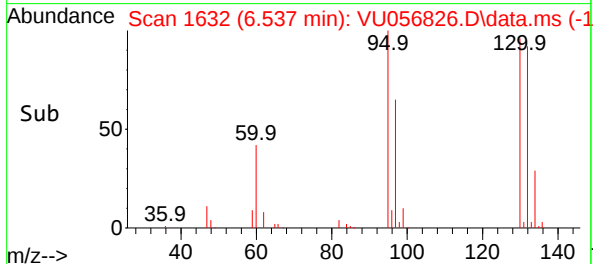
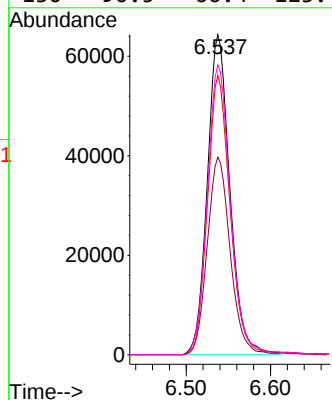
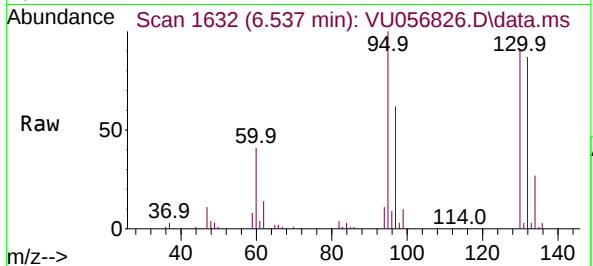




#34
Trichloroethene
Concen: 5.166 ug/L
RT: 6.537 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

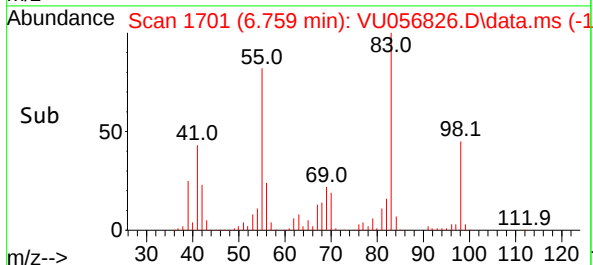
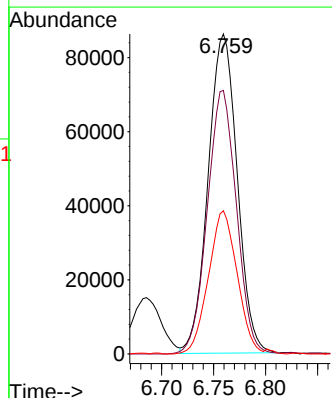
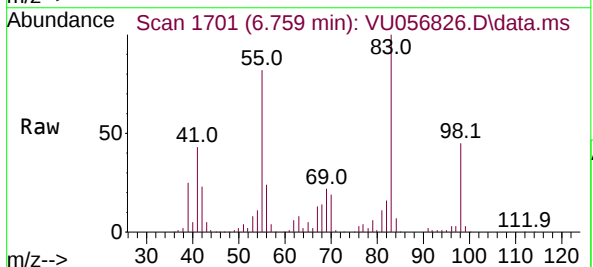
Instrument :
MSVOA_U
ClientSampleId :

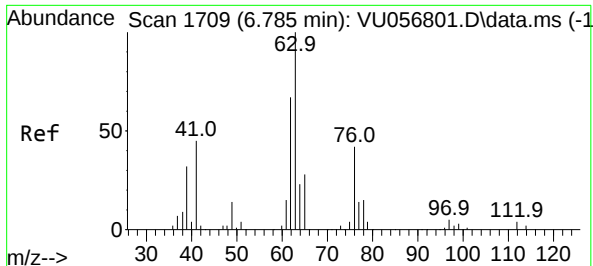
Tgt Ion: 95 Resp: 119898
Ion Ratio Lower Upper
95 100
97 61.7 46.1 85.5
132 87.3 63.6 118.0
130 90.5 66.4 123.4



#35
Methylcyclohexane
Concen: 4.902 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

Tgt Ion: 83 Resp: 167894
Ion Ratio Lower Upper
83 100
55 82.8 64.6 97.0
98 44.3 36.1 54.1





#37

1,2-Dichloropropane

Concen: 5.344 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056826.D

Acq: 14 Dec 2023 09:28

Instrument :

MSVOA_U

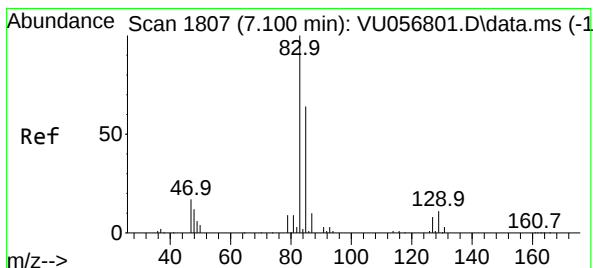
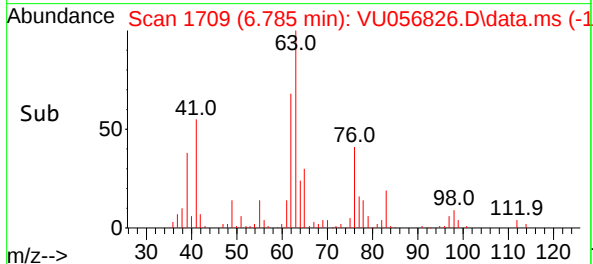
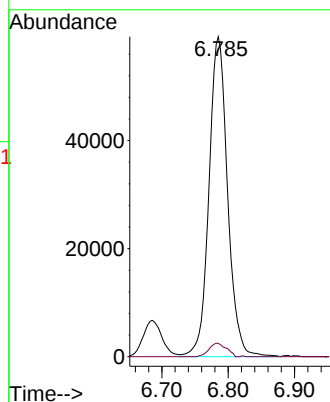
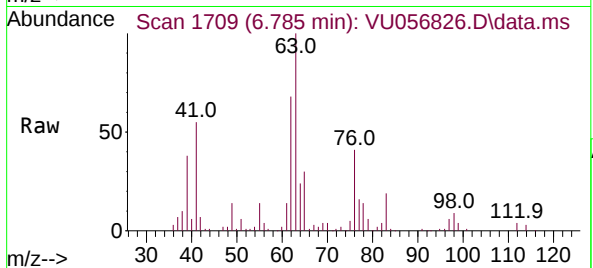
ClientSampleId :

Tgt Ion: 63 Resp: 115667

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 5.079 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU056826.D

Acq: 14 Dec 2023 09:28

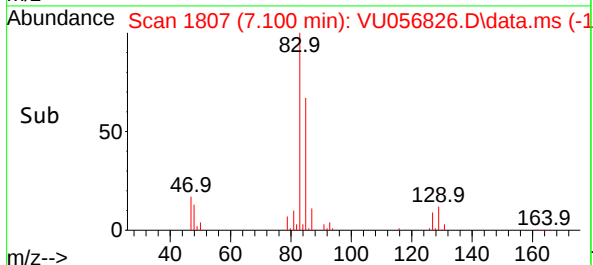
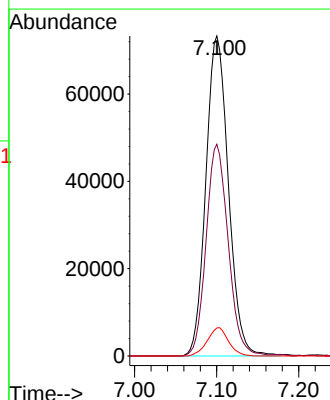
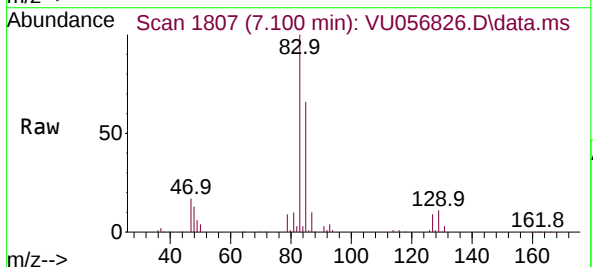
Tgt Ion: 83 Resp: 140168

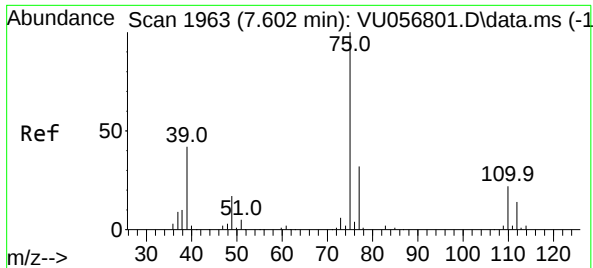
Ion Ratio Lower Upper

83 100

85 66.2 45.0 83.6

127 8.8 7.0 10.4

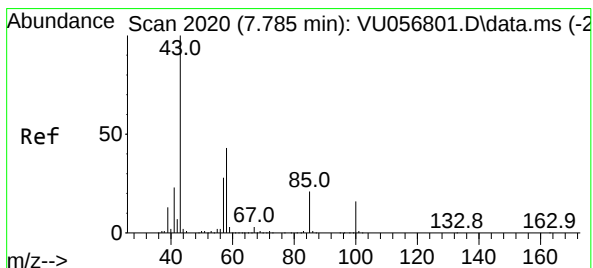
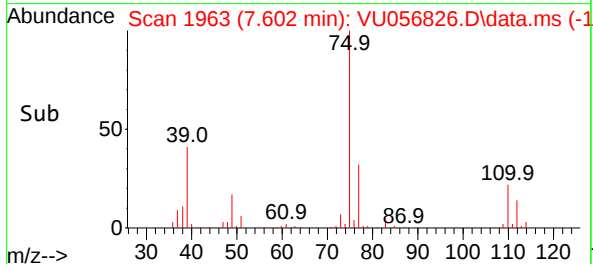
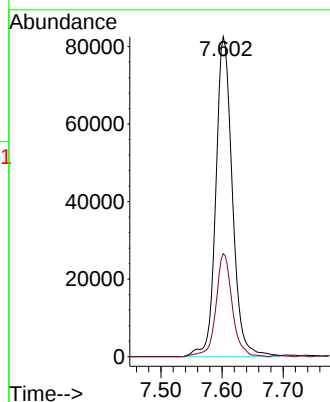
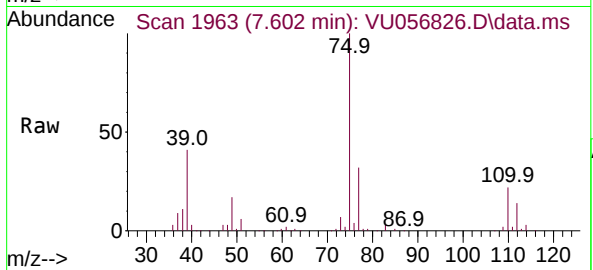




#39
 cis-1,3-Dichloropropene
 Concen: 4.924 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU056826.D
 Acq: 14 Dec 2023 09:28

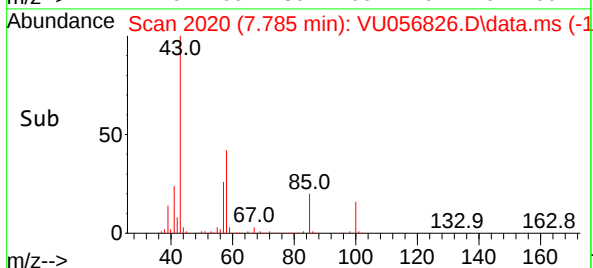
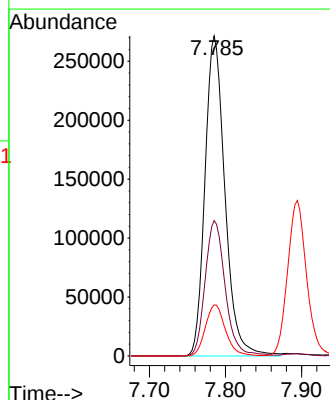
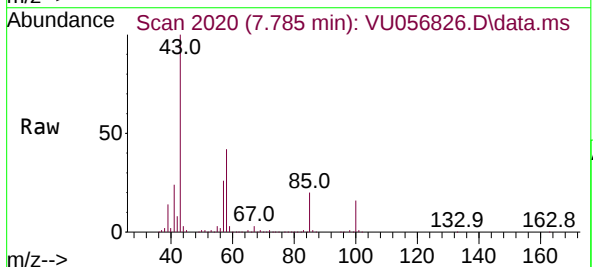
Instrument :
 MSVOA_U
 ClientSampleId :

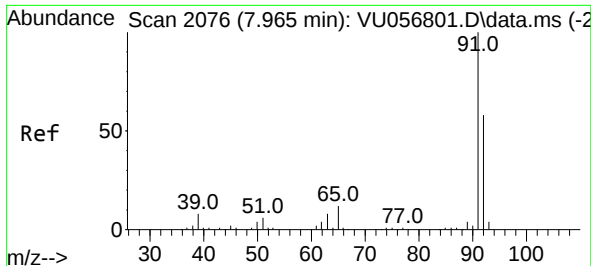
Tgt Ion: 75 Resp: 155316
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 48.171 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU056826.D
 Acq: 14 Dec 2023 09:28

Tgt Ion: 43 Resp: 495044
 Ion Ratio Lower Upper
 43 100
 58 42.6 33.7 50.5
 100 16.1 13.0 19.4





#42

Toluene

Concen: 5.403 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056826.D

Acq: 14 Dec 2023 09:28

Instrument :

MSVOA_U

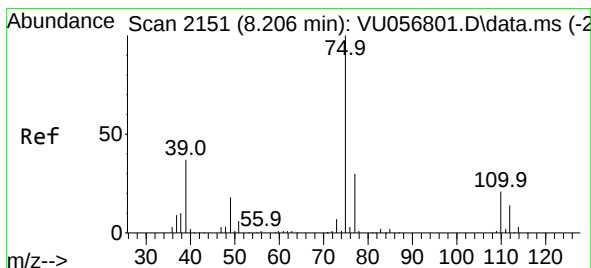
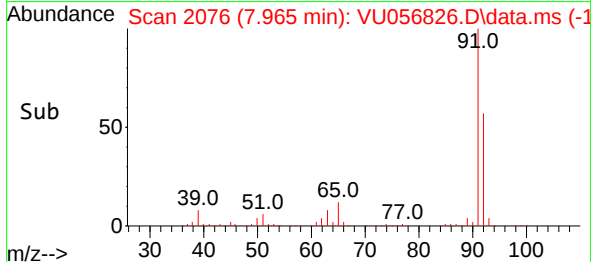
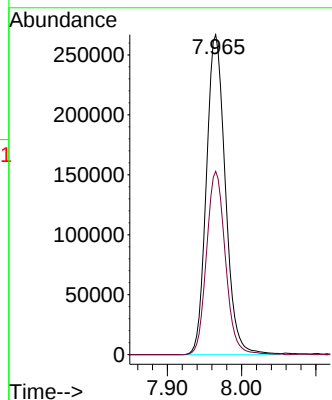
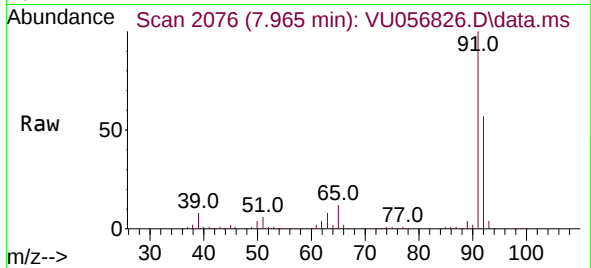
ClientSampleId :

Tgt Ion: 91 Resp: 472951

Ion Ratio Lower Upper

91 100

92 57.3 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.857 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU056826.D

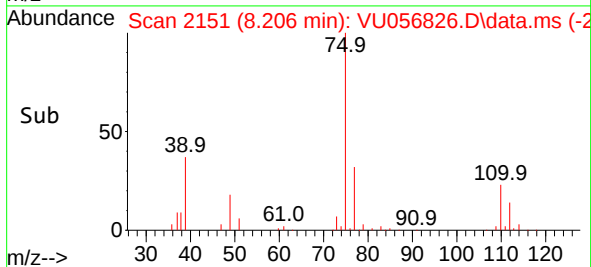
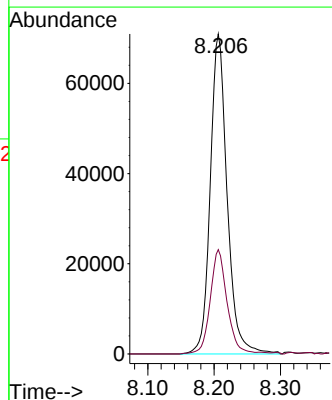
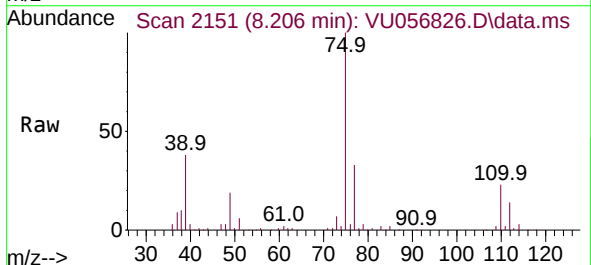
Acq: 14 Dec 2023 09:28

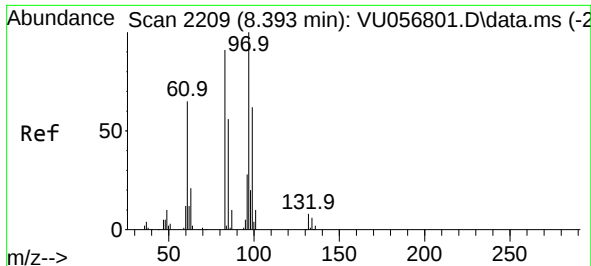
Tgt Ion: 75 Resp: 125564

Ion Ratio Lower Upper

75 100

77 32.6 21.8 40.4

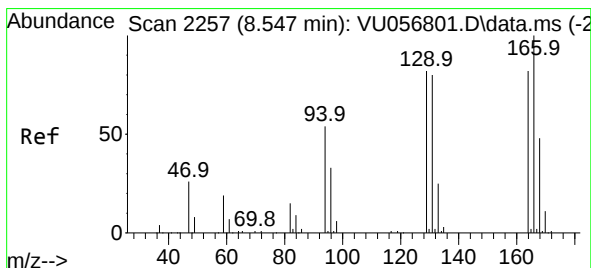
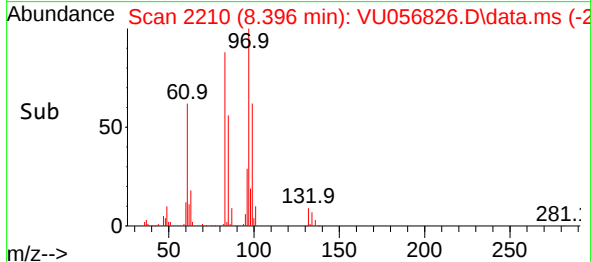
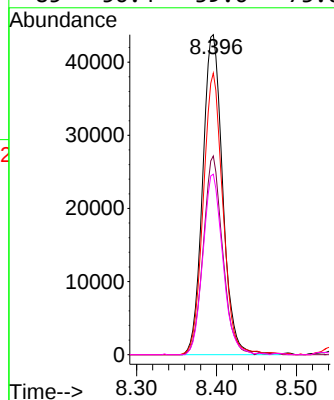
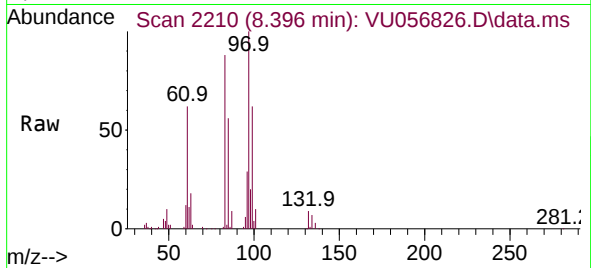




#45
1,1,2-Trichloroethane
Concen: 5.205 ug/L
RT: 8.396 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

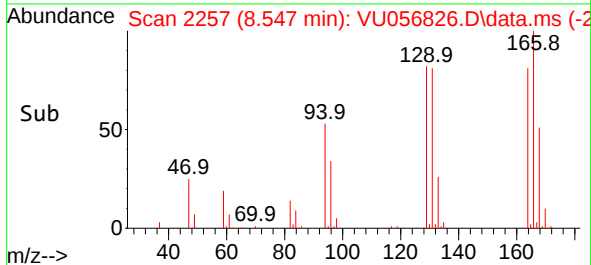
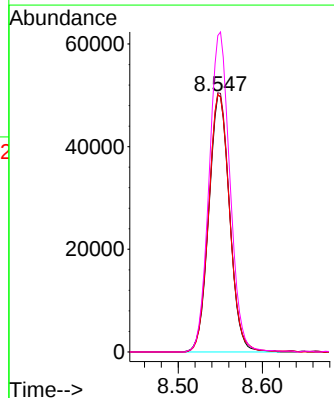
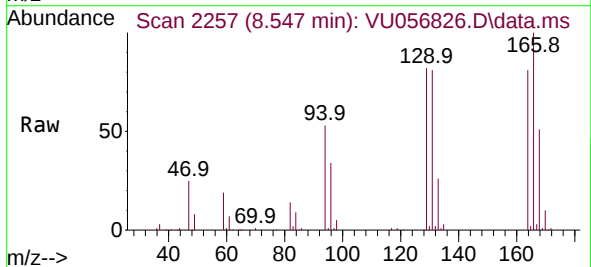
Instrument :
MSVOA_U
ClientSampleId :

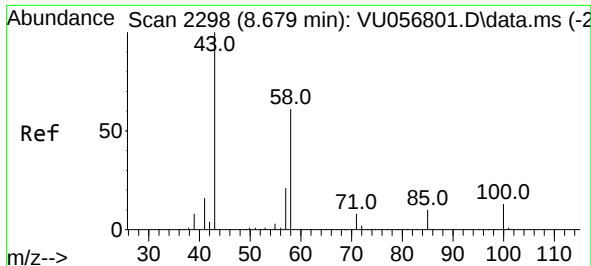
Tgt Ion:	97	Resp:	76158
Ion	Ratio	Lower	Upper
97	100		
99	62.1	41.9	77.9
83	88.0	59.1	109.7
85	56.4	39.6	73.6



#47
Tetrachloroethene
Concen: 5.251 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

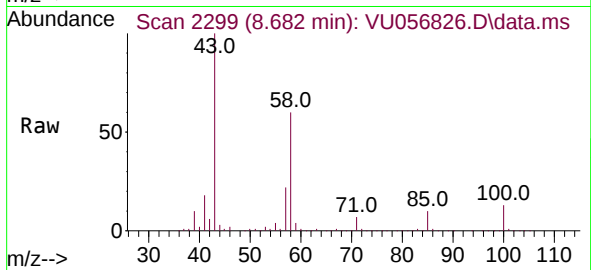
Tgt Ion:	164	Resp:	85282
Ion	Ratio	Lower	Upper
164	100		
129	101.0	73.4	136.4
131	100.4	71.5	132.9
166	123.3	92.7	172.1



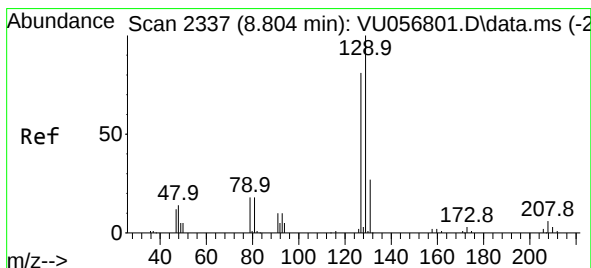
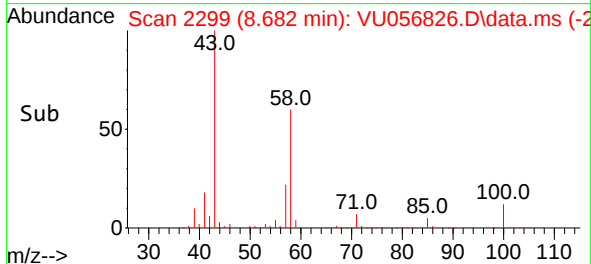
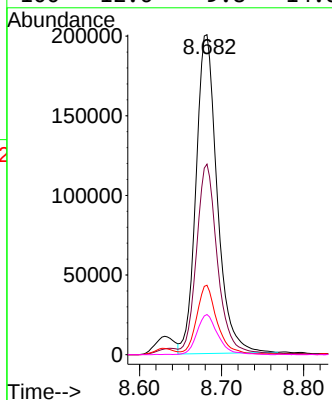


#48
2-Hexanone
Concen: 49.053 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

Instrument :
MSVOA_U
ClientSampleId :

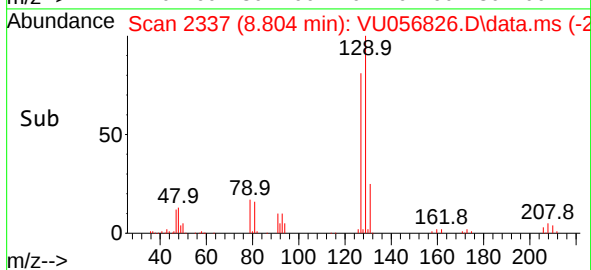
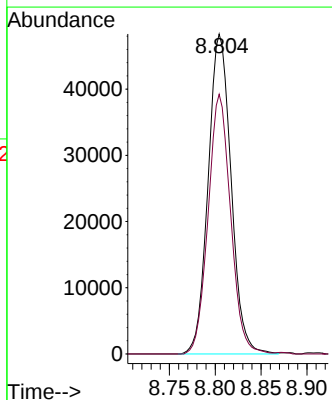
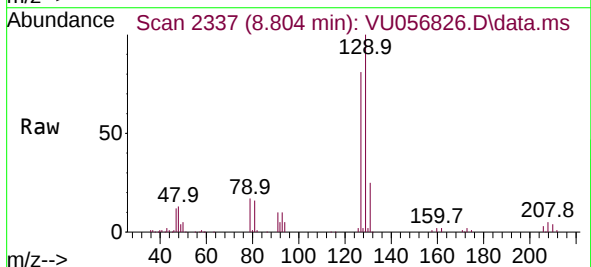


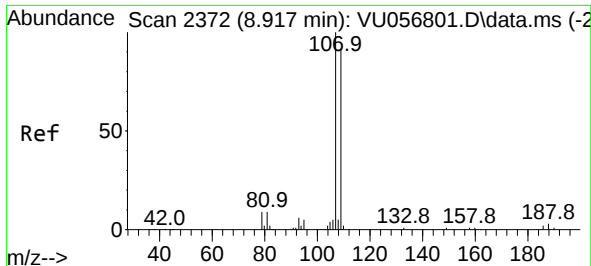
Tgt Ion:	43	Resp:	359040
Ion	Ratio	Lower	Upper
43	100		
58	58.9	47.5	71.3
57	21.4	17.0	25.4
100	12.6	9.8	14.8



#49
Dibromochloromethane
Concen: 4.999 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

Tgt Ion:	129	Resp:	84068
Ion	Ratio	Lower	Upper
129	100		
127	81.1	53.9	100.1





#50

1,2-Dibromoethane

Concen: 5.014 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU056826.D

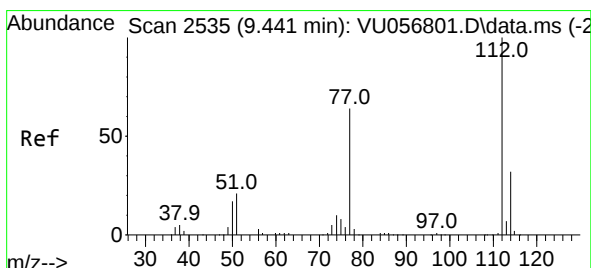
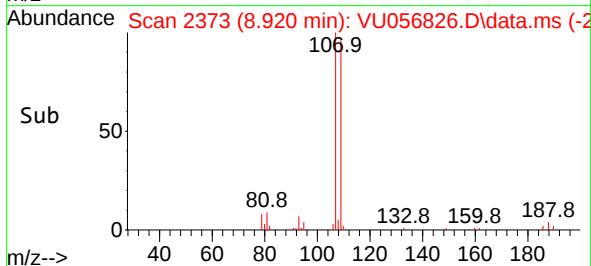
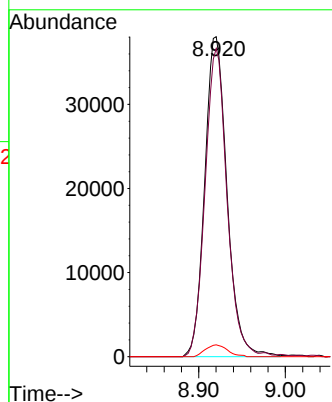
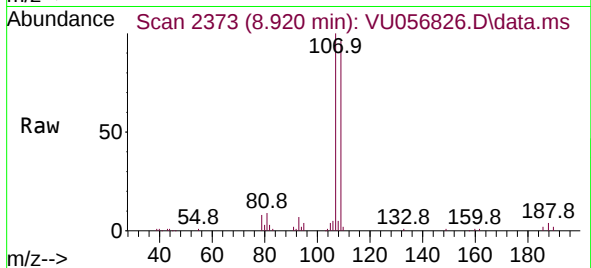
Acq: 14 Dec 2023 09:28

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	68084
Ion	Ratio	Lower	Upper
107	100		
109	96.3	66.5	123.5
188	3.7	2.9	4.3



#51

Chlorobenzene

Concen: 5.179 ug/L

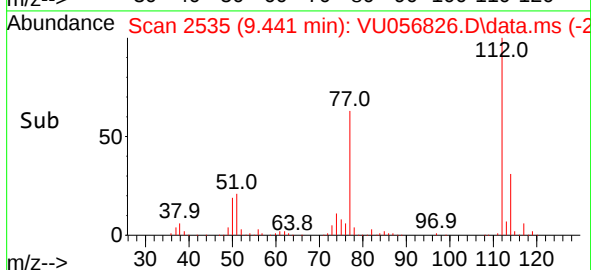
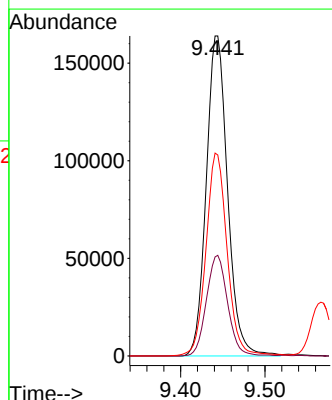
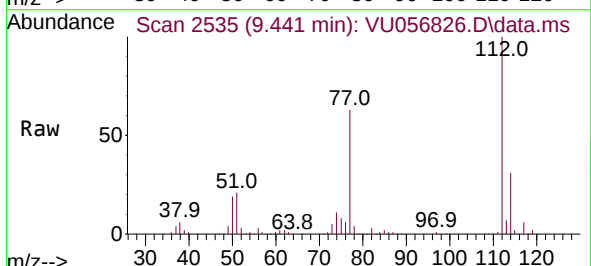
RT: 9.441 min Scan# 2535

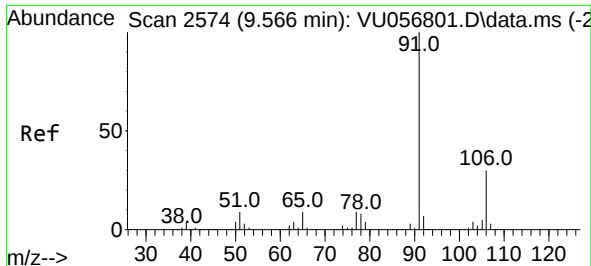
Delta R.T. 0.000 min

Lab File: VU056826.D

Acq: 14 Dec 2023 09:28

Tgt Ion:	112	Resp:	288934
Ion	Ratio	Lower	Upper
112	100		
114	31.0	21.9	40.7
77	63.4	51.6	77.4

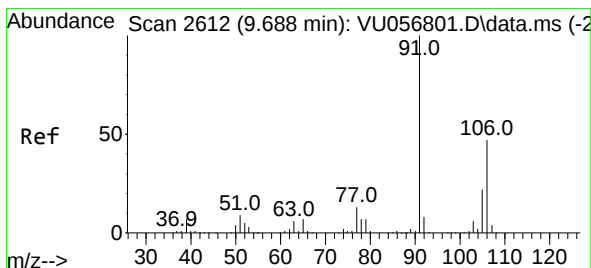
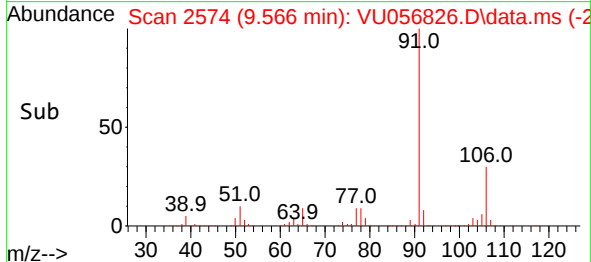
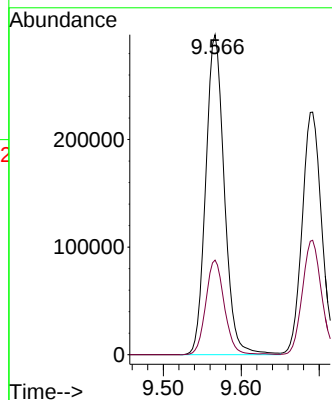
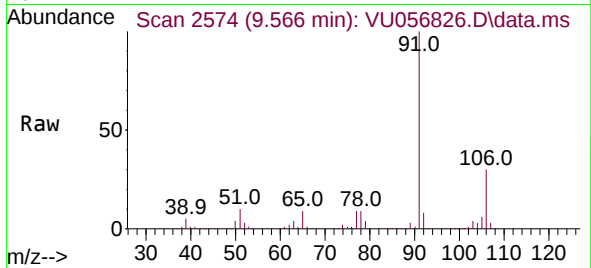




#52
Ethylbenzene
Concen: 5.100 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

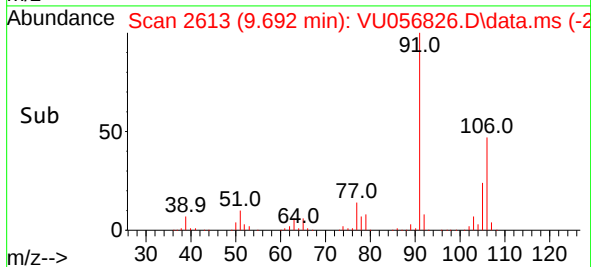
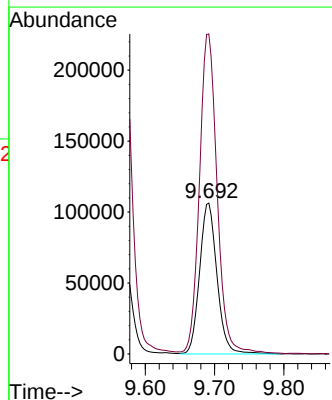
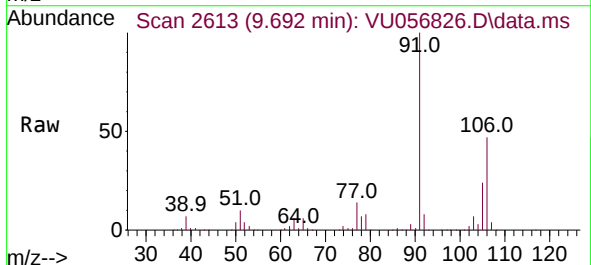
Instrument :
MSVOA_U
ClientSampleId :

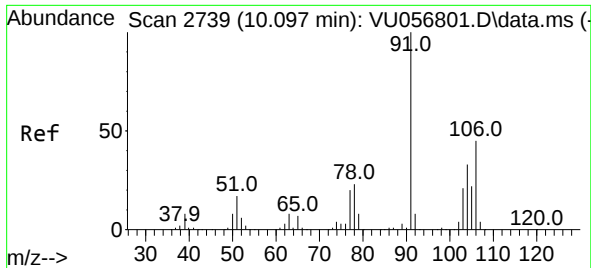
Tgt Ion: 91 Resp: 492539
Ion Ratio Lower Upper
91 100
106 29.5 20.6 38.4



#53
m,p-Xylene
Concen: 5.160 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

Tgt Ion: 106 Resp: 185647
Ion Ratio Lower Upper
106 100
91 212.0 154.0 286.0

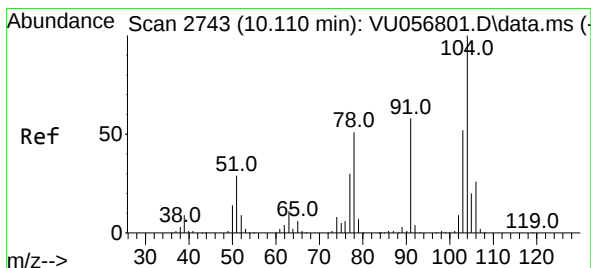
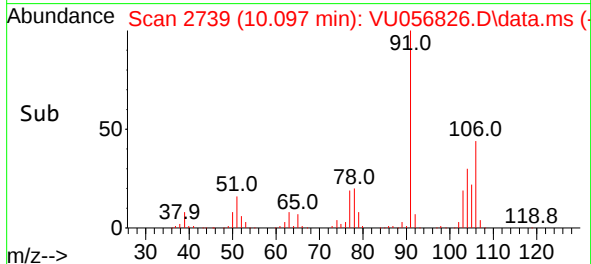
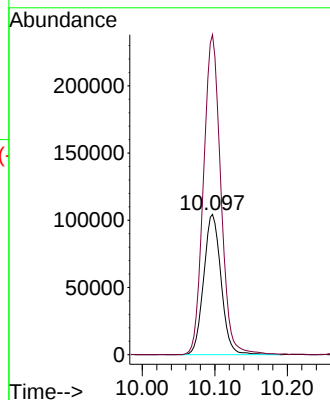
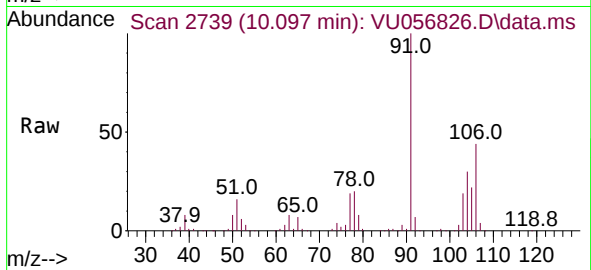




#54
o-Xylene
Concen: 5.086 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

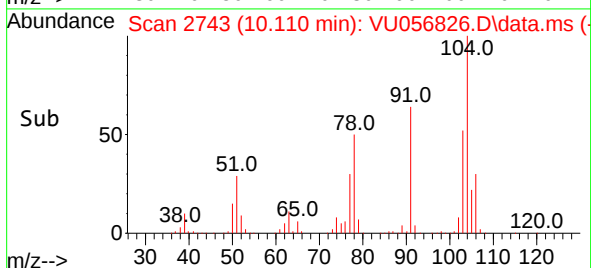
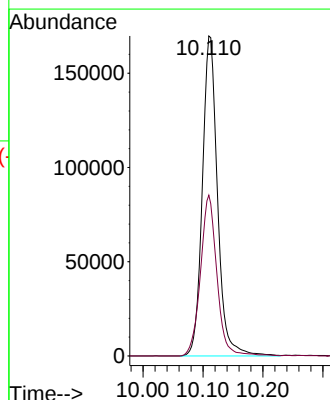
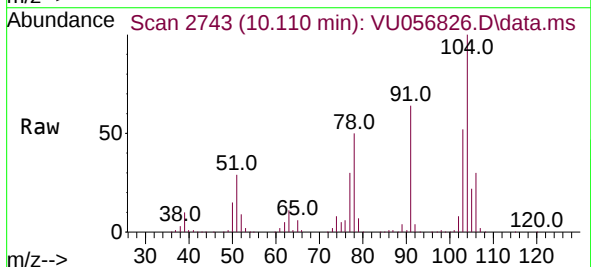
Instrument :
MSVOA_U
ClientSampleId :

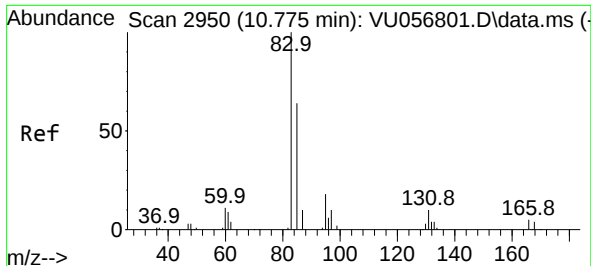
Tgt Ion:106 Resp: 174335
Ion Ratio Lower Upper
106 100
91 228.2 160.2 297.6



#55
Styrene
Concen: 5.329 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

Tgt Ion:104 Resp: 299962
Ion Ratio Lower Upper
104 100
78 50.3 35.6 66.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.072 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU056826.D

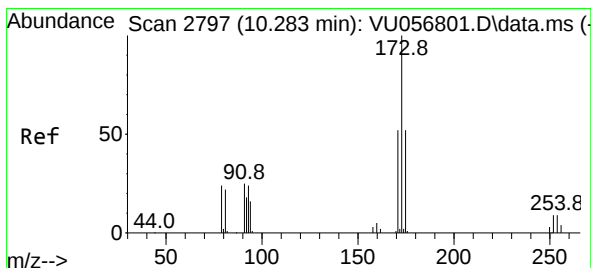
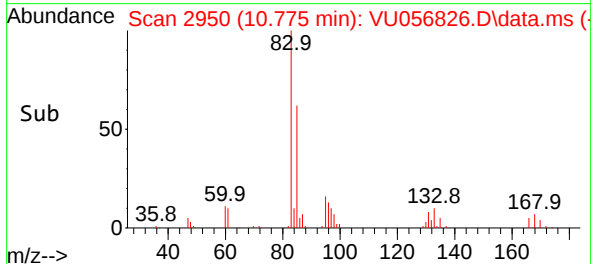
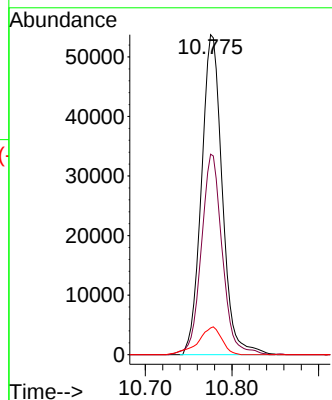
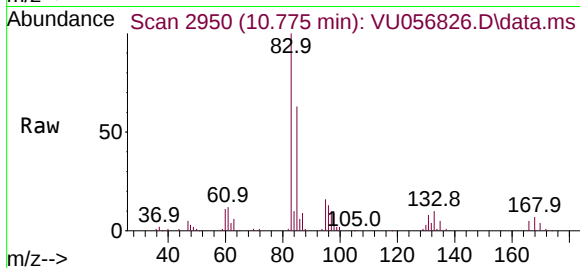
Acq: 14 Dec 2023 09:28

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	89660
Ion Ratio	Lower	Upper	
83	100		
85	62.6	45.4	84.4
131	8.3	6.6	9.8



#59

Bromoform

Concen: 5.233 ug/L

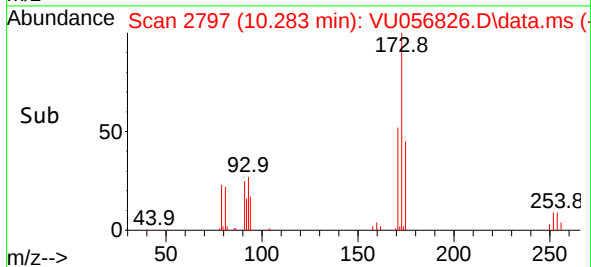
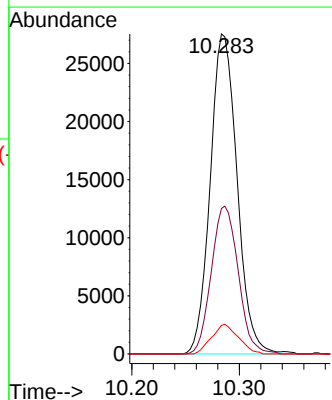
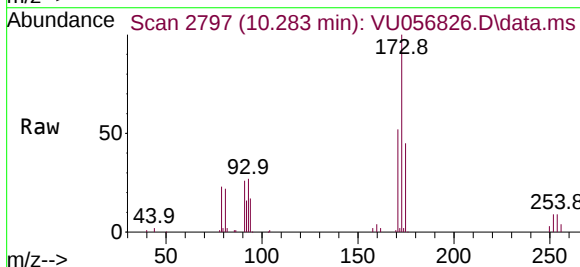
RT: 10.283 min Scan# 2797

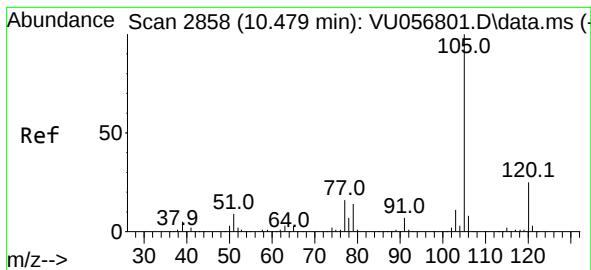
Delta R.T. 0.000 min

Lab File: VU056826.D

Acq: 14 Dec 2023 09:28

Tgt Ion:	173	Resp:	47703
Ion Ratio	Lower	Upper	
173	100		
175	46.3	38.2	57.2
254	9.2	7.0	10.4





#60

Isopropylbenzene

Concen: 5.364 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU056826.D

Acq: 14 Dec 2023 09:28

Instrument :

MSVOA_U

ClientSampleId :

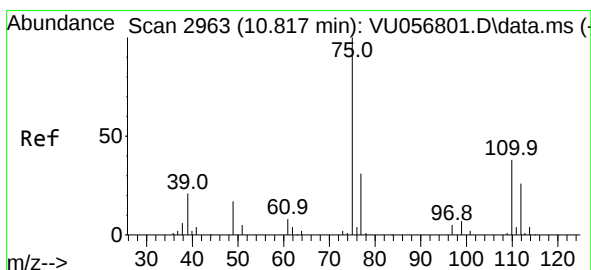
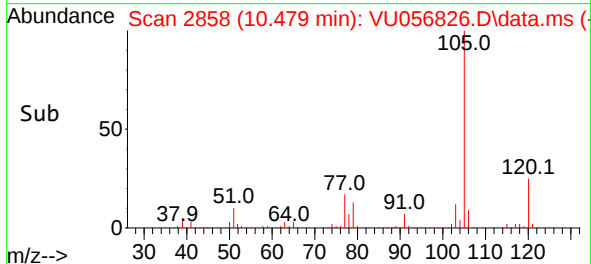
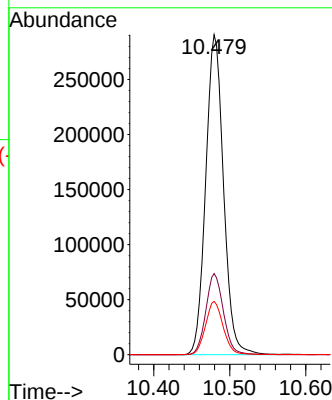
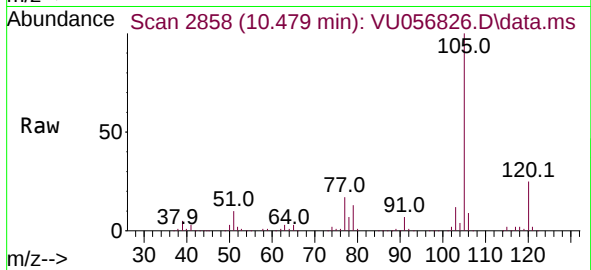
Tgt Ion:105 Resp: 473145

Ion Ratio Lower Upper

105 100

120 25.1 20.1 30.1

77 16.5 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.190 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU056826.D

Acq: 14 Dec 2023 09:28

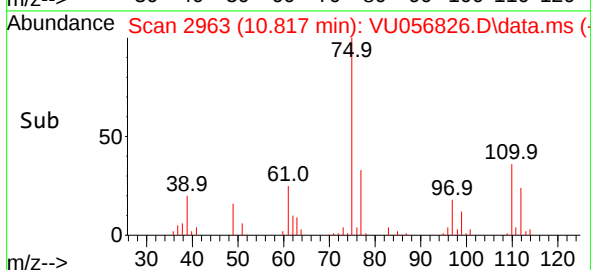
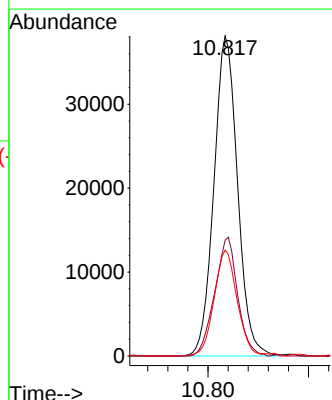
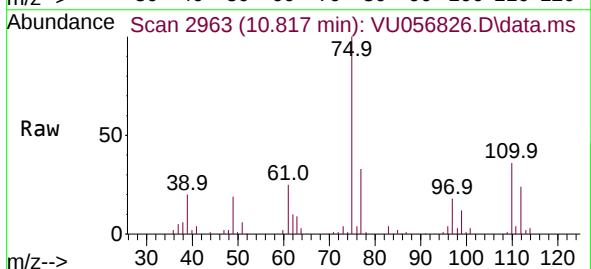
Tgt Ion: 75 Resp: 62212

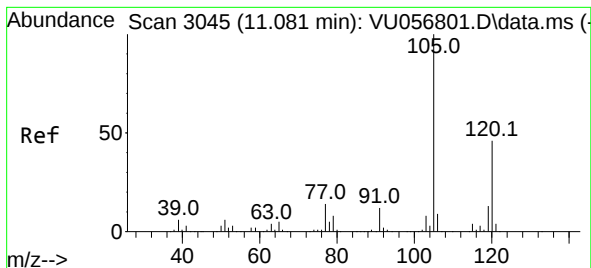
Ion Ratio Lower Upper

75 100

110 35.9 28.4 42.6

77 32.5 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 5.088 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU056826.D

Acq: 14 Dec 2023 09:28

Instrument :

MSVOA_U

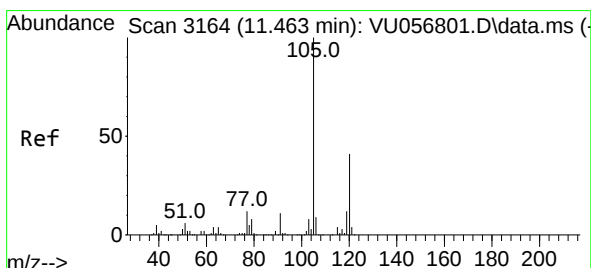
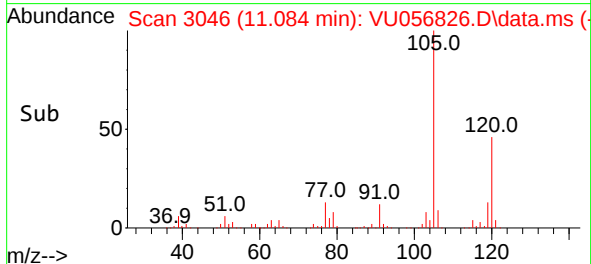
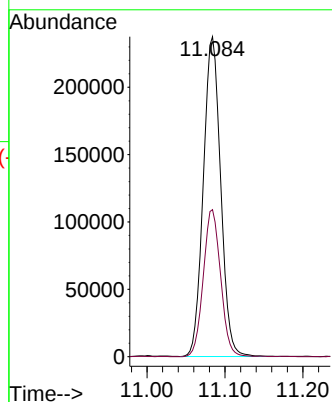
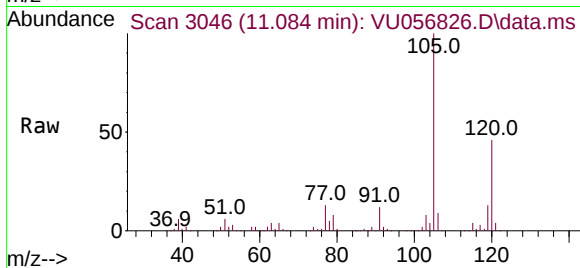
ClientSampleId :

Tgt Ion:105 Resp: 366789

Ion Ratio Lower Upper

105 100

120 45.9 36.8 55.2



#63

1,2,4-Trimethylbenzene

Concen: 5.102 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU056826.D

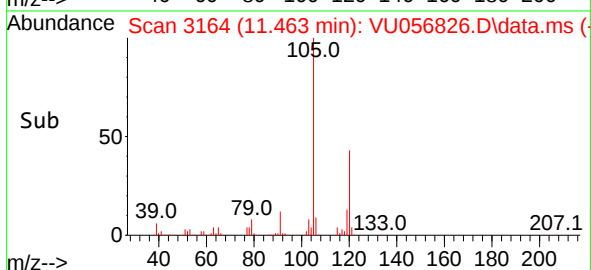
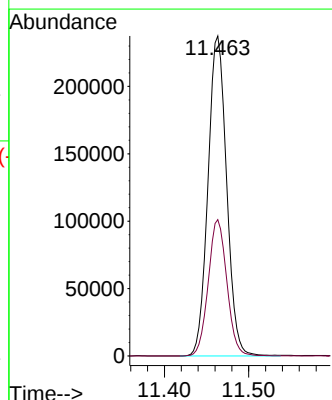
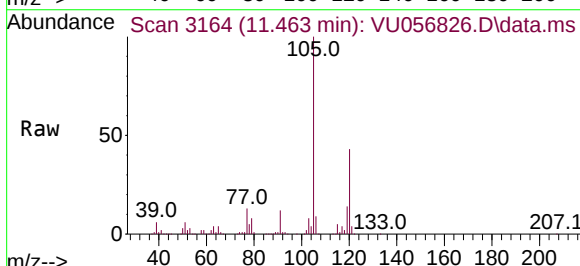
Acq: 14 Dec 2023 09:28

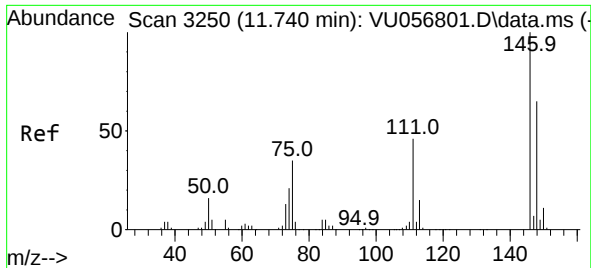
Tgt Ion:105 Resp: 365278

Ion Ratio Lower Upper

105 100

120 42.6 34.2 51.4

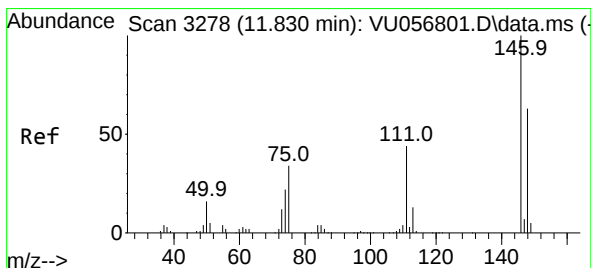
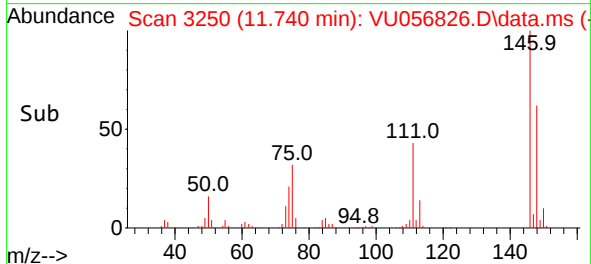
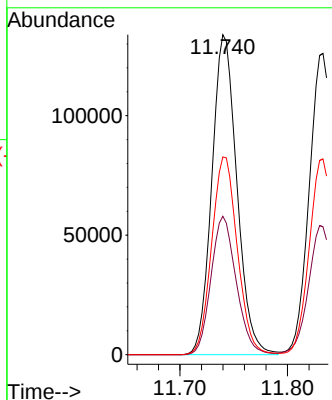
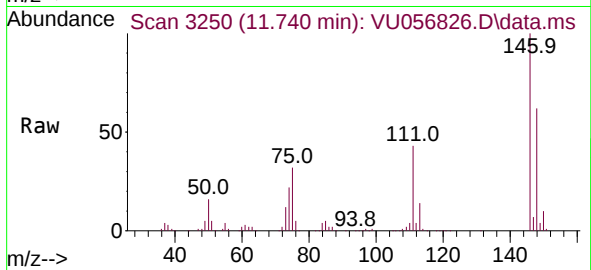




#64
1,3-Dichlorobenzene
Concen: 5.193 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

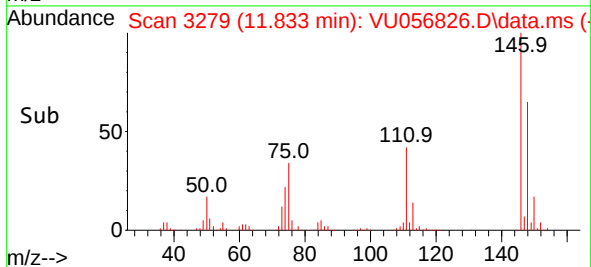
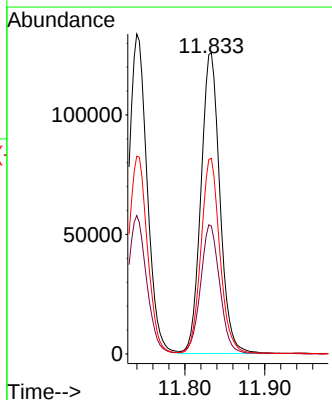
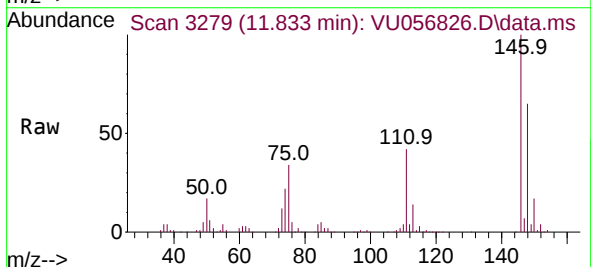
Instrument :
MSVOA_U
ClientSampleId :

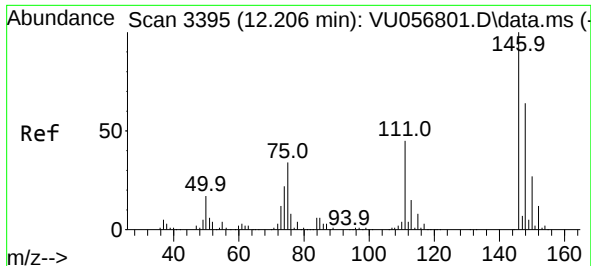
Tgt Ion:146 Resp: 216662
Ion Ratio Lower Upper
146 100
111 43.2 31.7 58.9
148 61.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.061 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

Tgt Ion:146 Resp: 207926
Ion Ratio Lower Upper
146 100
111 42.4 31.2 58.0
148 65.0 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 5.283 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU056826.D

Acq: 14 Dec 2023 09:28

Instrument :

MSVOA_U

ClientSampleId :

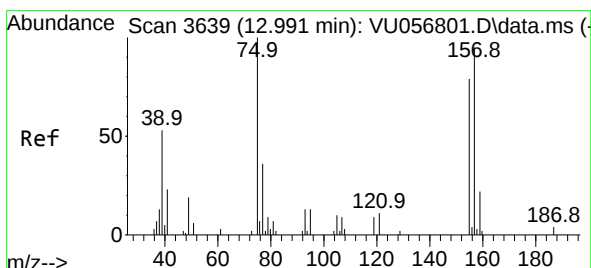
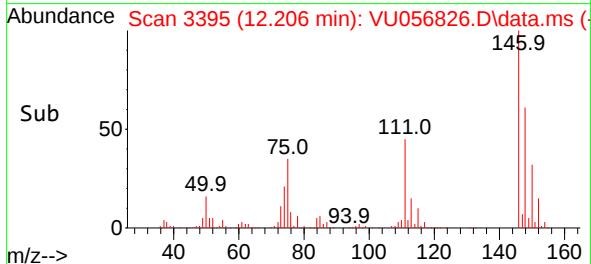
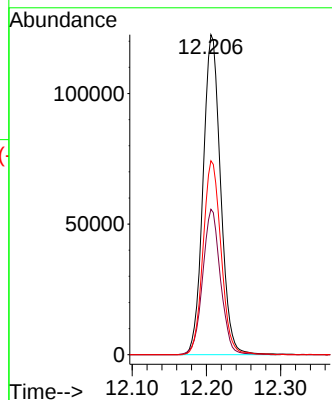
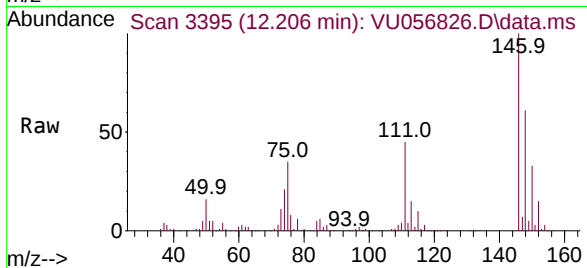
Tgt Ion:146 Resp: 200788

Ion Ratio Lower Upper

146 100

111 45.5 36.9 55.3

148 60.6 53.0 79.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.783 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU056826.D

Acq: 14 Dec 2023 09:28

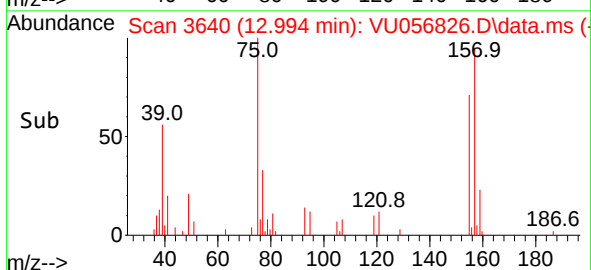
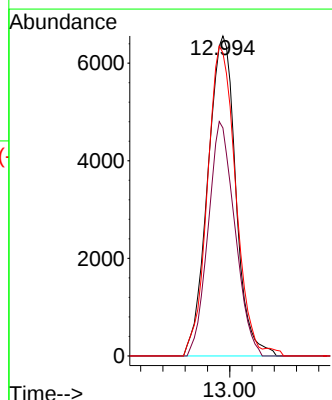
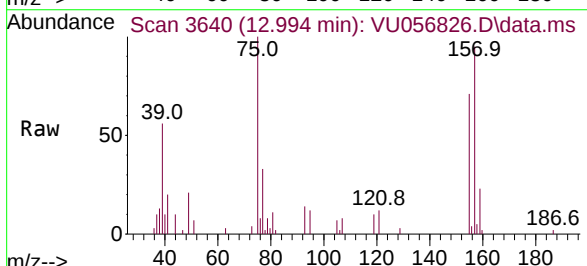
Tgt Ion: 75 Resp: 11447

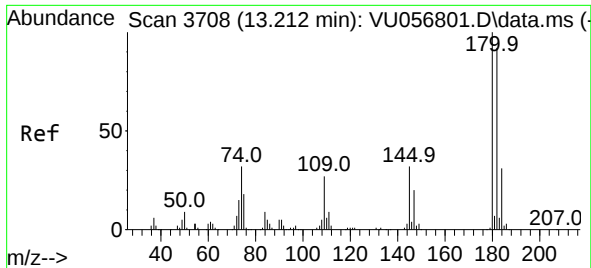
Ion Ratio Lower Upper

75 100

155 71.3 55.4 83.2

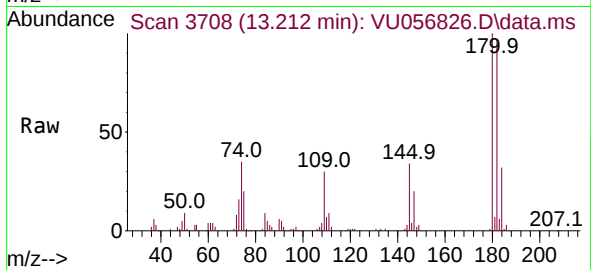
157 94.7 77.3 115.9



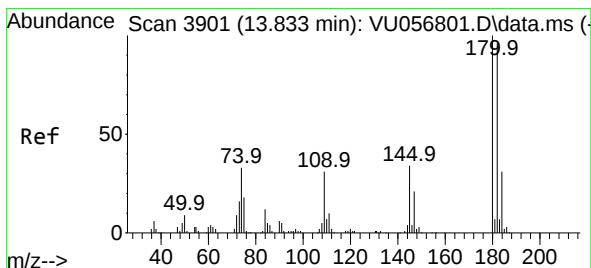
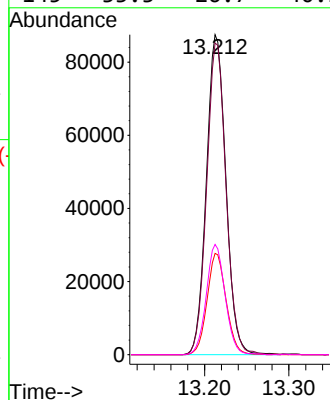
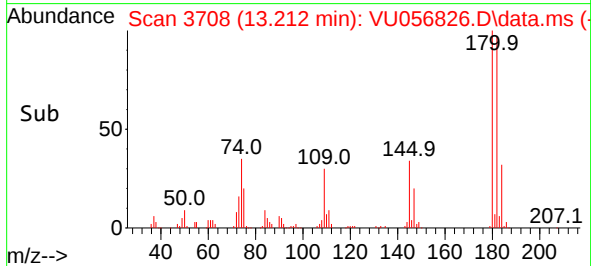


#69
 1,3,5-Trichlorobenzene
 Concen: 4.472 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU056826.D
 Acq: 14 Dec 2023 09:28

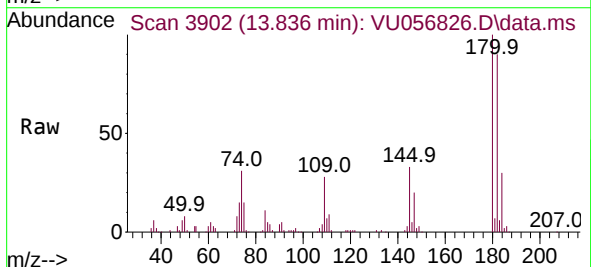
Instrument :
 MSVOA_U
 ClientSampleId :



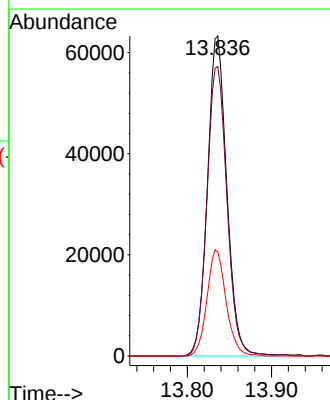
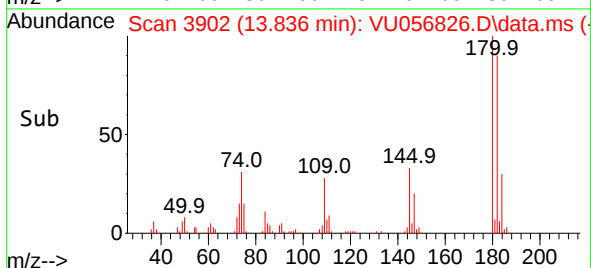
Tgt Ion:180 Resp: 140994
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.2 114.4
 184 30.9 24.6 37.0
 145 33.3 26.7 40.1

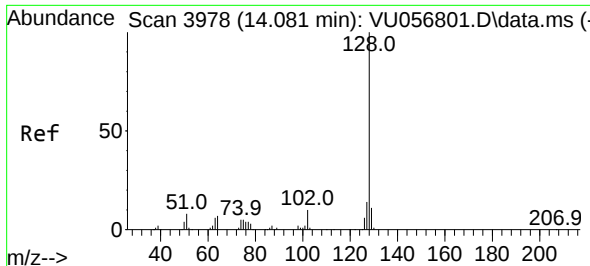


#70
 1,2,4-trichlorobenzene
 Concen: 4.049 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.003 min
 Lab File: VU056826.D
 Acq: 14 Dec 2023 09:28



Tgt Ion:180 Resp: 101084
 Ion Ratio Lower Upper
 180 100
 182 93.5 74.3 111.5
 145 32.8 26.7 40.1

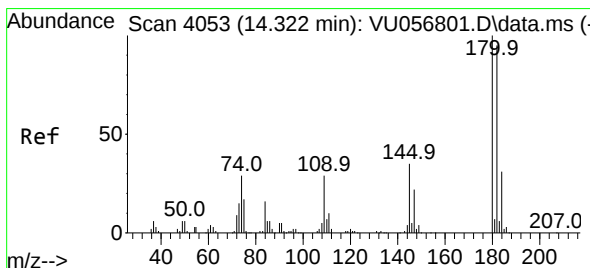
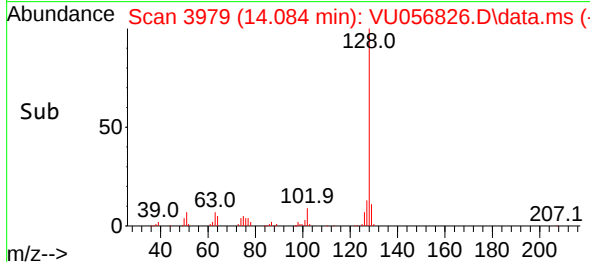
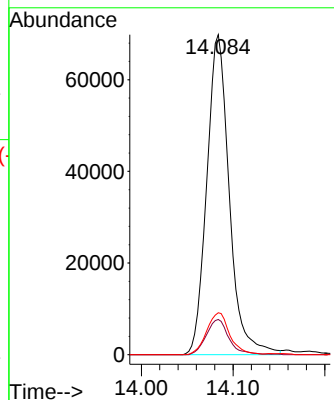
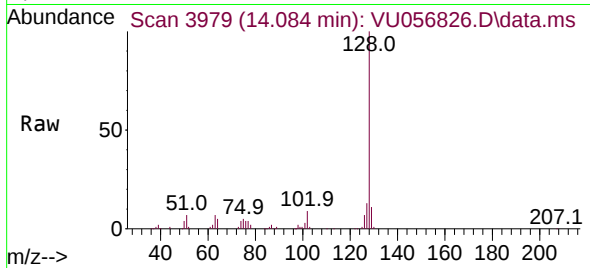




#71
Naphthalene
Concen: 3.264 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 119248
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.5 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 3.830 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU056826.D
Acq: 14 Dec 2023 09:28

Tgt Ion:180 Resp: 81185
Ion Ratio Lower Upper
180 100
182 96.8 75.0 112.6
145 34.4 28.6 42.8

