

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056726.D
 Acq On : 11 Dec 2023 12:23
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 01:00:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 00:52:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	267999	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	264117	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	127498	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	117760	5.126	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.600%	
7) Chloroethane-d5	1.911	69	90636	5.272	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.400%	
11) 1,1-Dichloroethene-d2	2.563	65	51140	5.203	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	104.000%	
20) 2-Butanone-d5	4.624	46	257155	56.684	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.360%	
24) Chloroform-d	5.055	84	227497	5.230	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.600%	
26) 1,2-Dichloroethane-d4	5.698	65	109928	5.340	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.800%	
32) Benzene-d6	5.721	84	444600	5.427	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.600%	
36) 1,2-Dichloropropane-d6	6.685	67	136699	5.331	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.600%	
41) Toluene-d8	7.894	98	402961	5.503	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.000%	
43) trans-1,3-Dichloroprop...	8.174	79	54994	5.530	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	110.600%	
46) 2-Hexanone-d5	8.627	63	218547	58.273	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	116.540%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	100595	5.422	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	139200	5.554	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	133529	4.755	ug/L	96
3) Chloromethane	1.515	50	128163	4.641	ug/L	96
5) Vinyl chloride	1.602	62	131675	4.802	ug/L	99
6) Bromomethane	1.856	94	79329	4.907	ug/L	97
8) Chloroethane	1.933	64	73320	4.564	ug/L	97
9) Trichlorofluoromethane	2.136	101	183721	4.754	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	112882	4.762	ug/L	98
12) 1,1-Dichloroethene	2.576	96	105841	4.864	ug/L	97
13) Acetone	2.634	43	139953	50.622	ug/L	100
14) Carbon disulfide	2.792	76	362319	4.799	ug/L	99
15) Methyl Acetate	2.949	43	39378	5.232	ug/L	94
16) Methylene chloride	3.042	84	114247	4.820	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	244365	5.065	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	107982	4.895	ug/L	98
19) 1,1-Dichloroethane	3.865	63	204845	4.827	ug/L	98
21) 2-Butanone	4.701	43	237061	50.846	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	115939	4.831	ug/L	98
23) Bromochloromethane	4.968	128	48255	4.803	ug/L	99
25) Chloroform	5.081	83	213520	4.803	ug/L	99

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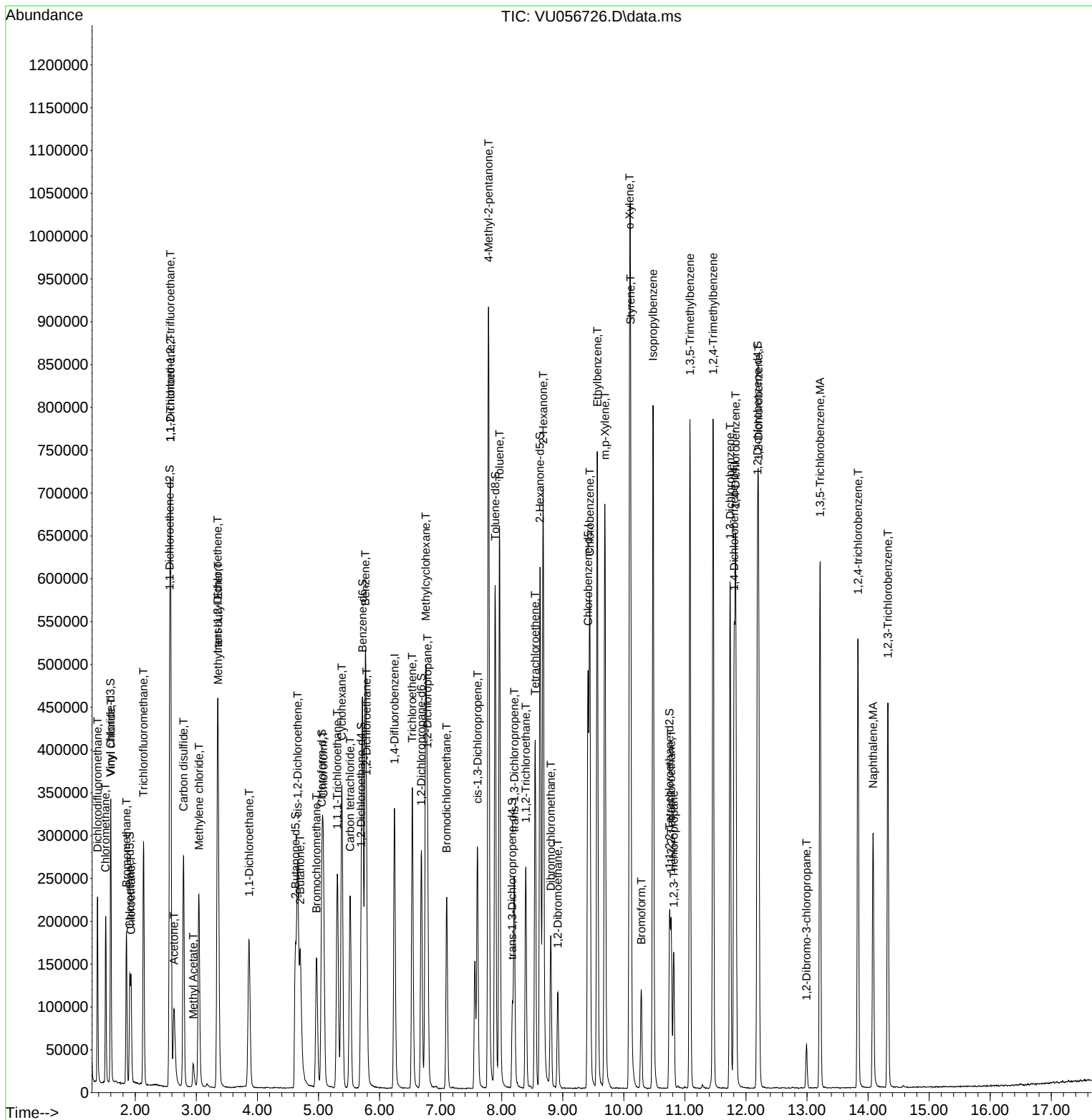
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 ClientSampleId :

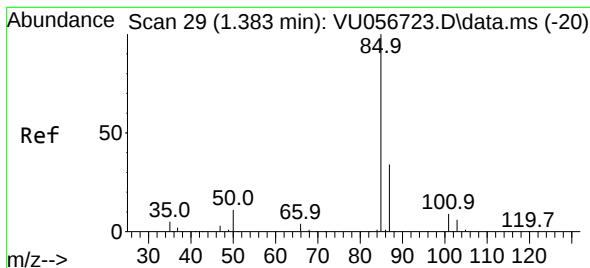
Quant Time: Dec 12 01:00:27 2023
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 00:52:24 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	130631	4.969	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	188653	4.941	ug/L	99
30) Cyclohexane	5.383	56	180506	5.038	ug/L	99
31) Carbon tetrachloride	5.518	117	160252	4.829	ug/L	99
33) Benzene	5.769	78	452086	4.870	ug/L	100
34) Trichloroethene	6.537	95	126773	4.979	ug/L	95
35) Methylcyclohexane	6.759	83	191944	5.108	ug/L	98
37) 1,2-Dichloropropane	6.785	63	118035	4.971	ug/L	100
38) Bromodichloromethane	7.100	83	148808	4.914	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	174500	5.042	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	595014	52.774	ug/L	99
42) Toluene	7.965	91	485448	5.055	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	147688	5.207	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	79557	4.956	ug/L	97
47) Tetrachloroethene	8.550	164	89398	5.017	ug/L	99
48) 2-Hexanone	8.679	43	436185	54.318	ug/L	98
49) Dibromochloromethane	8.804	129	92918	5.036	ug/L	99
50) 1,2-Dibromoethane	8.920	107	76677	5.147	ug/L	97
51) Chlorobenzene	9.444	112	307245	5.019	ug/L	100
52) Ethylbenzene	9.566	91	539927	5.096	ug/L	99
53) m,p-Xylene	9.692	106	205185	5.198	ug/L	95
54) o-Xylene	10.097	106	192926	5.130	ug/L	99
55) Styrene	10.113	104	333196	5.396	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	95992	4.950	ug/L	97
59) Bromoform	10.286	173	52437	5.037	ug/L	99
60) Isopropylbenzene	10.479	105	530392	5.265	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	69341	5.065	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	432656	5.255	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	435565	5.327	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	241663	5.071	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	236473	5.040	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	216497	4.987	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	13091	4.790	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	182306	5.063	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	153643	5.389	ug/L	98
71) Naphthalene	14.084	128	245941	5.894	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	132831	5.487	ug/L	99

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

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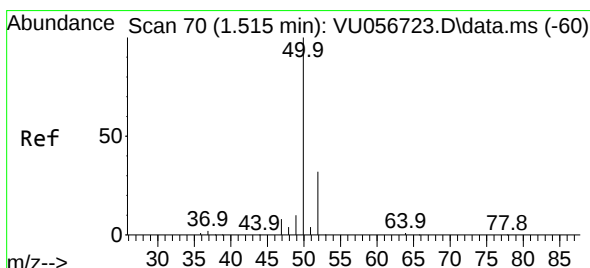
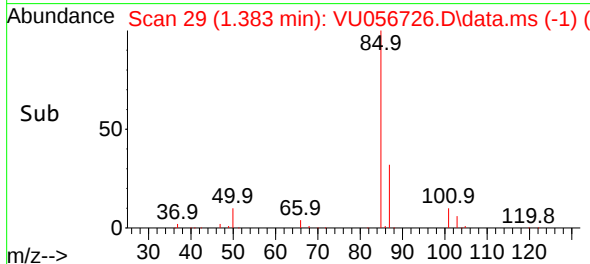
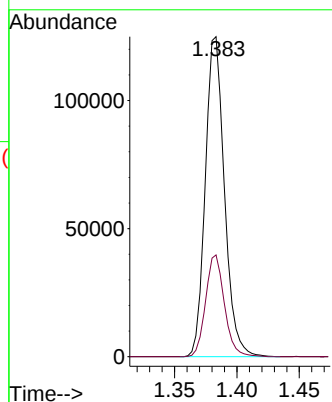
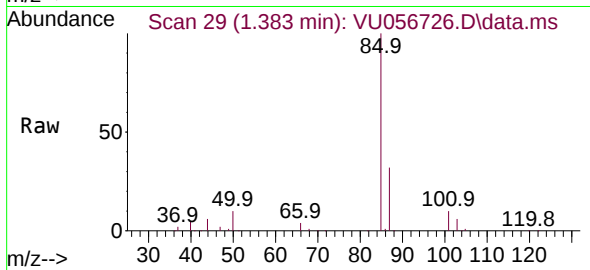




#2
 Dichlorodifluoromethane
 Concen: 4.755 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU056726.D
 Acq: 11 Dec 2023 12:23

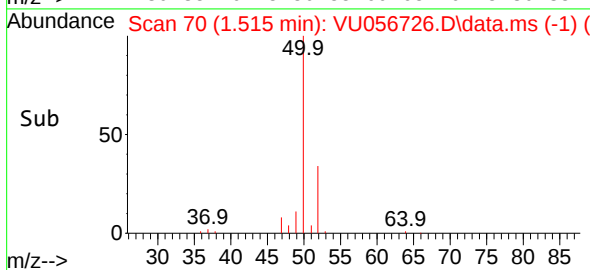
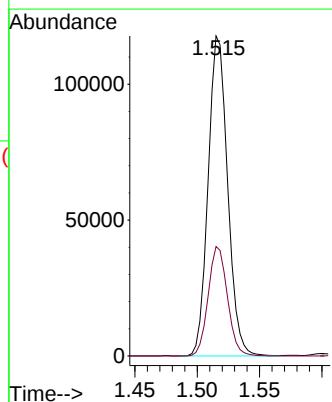
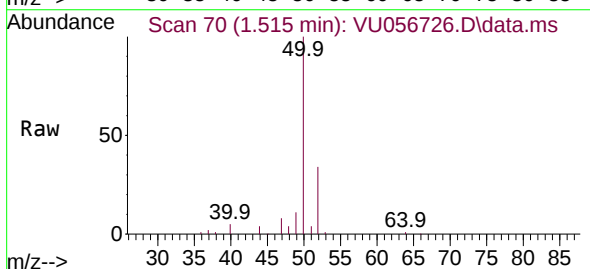
Instrument :
 MSVOA_U
 ClientSampleId :

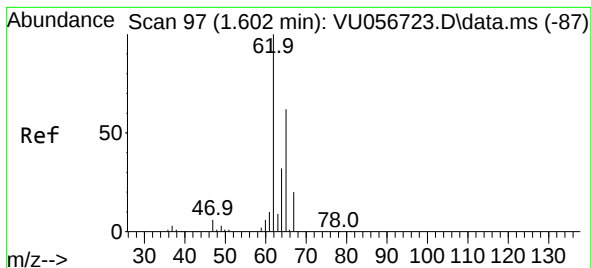
Tgt Ion: 85 Resp: 133529
 Ion Ratio Lower Upper
 85 100
 87 31.2 26.8 40.2



#3
 Chloromethane
 Concen: 4.641 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU056726.D
 Acq: 11 Dec 2023 12:23

Tgt Ion: 50 Resp: 128163
 Ion Ratio Lower Upper
 50 100
 52 34.2 22.5 41.7





#5

Vinyl chloride

Concen: 4.802 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU056726.D

Acq: 11 Dec 2023 12:23

Instrument :

MSVOA_U

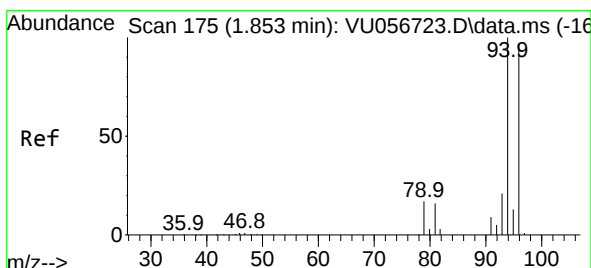
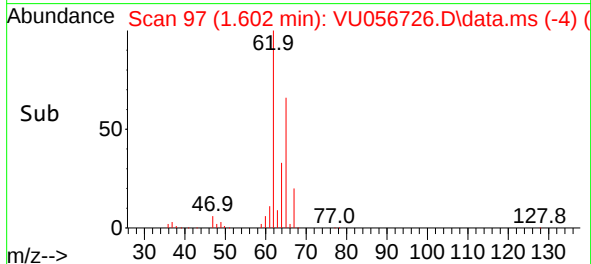
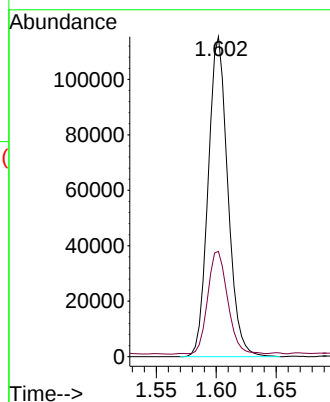
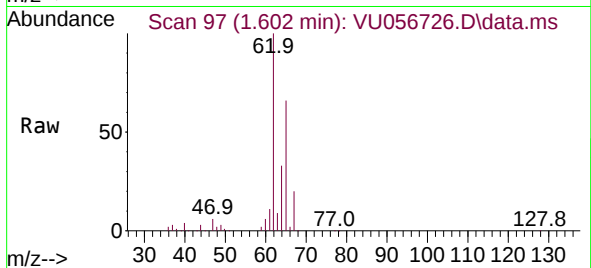
ClientSampleId :

Tgt Ion: 62 Resp: 131675

Ion Ratio Lower Upper

62 100

64 32.9 22.8 42.4



#6

Bromomethane

Concen: 4.907 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.003 min

Lab File: VU056726.D

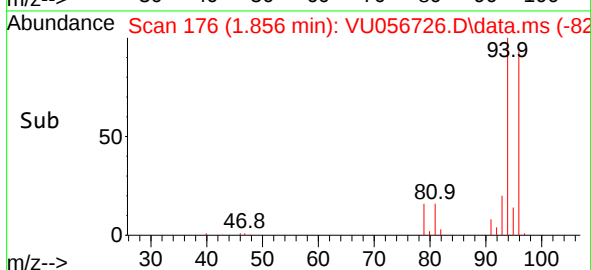
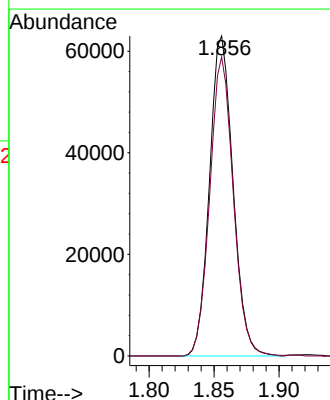
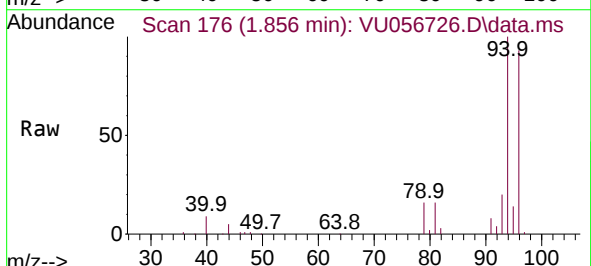
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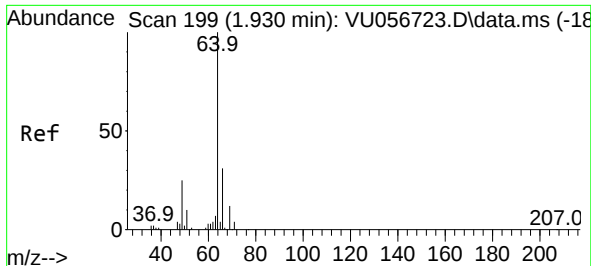
Tgt Ion: 94 Resp: 79329

Ion Ratio Lower Upper

94 100

96 93.4 67.8 125.8





#8

Chloroethane

Concen: 4.564 ug/L

RT: 1.933 min Scan# 200

Delta R.T. 0.003 min

Lab File: VU056726.D

Acq: 11 Dec 2023 12:23

Instrument :

MSVOA_U

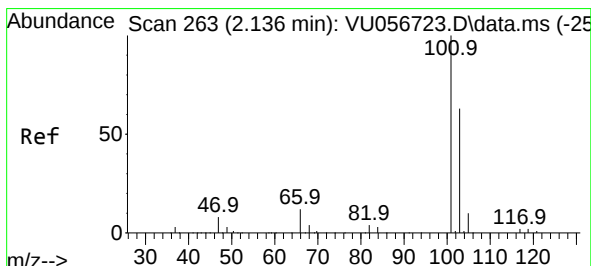
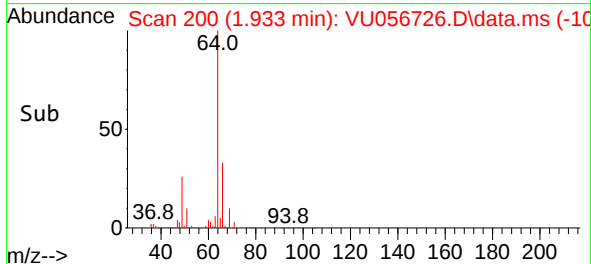
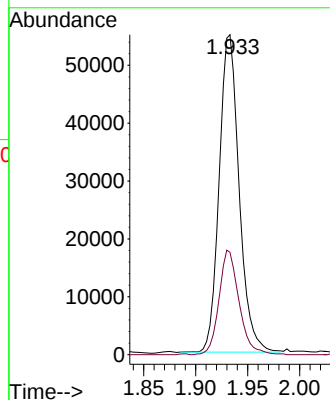
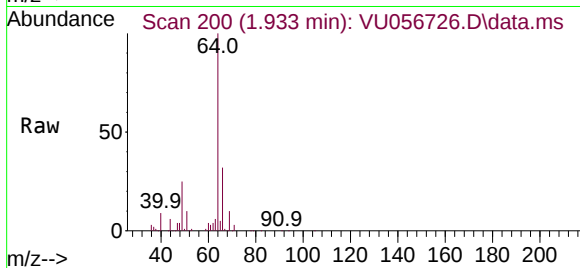
ClientSampleId :

Tgt Ion: 64 Resp: 73320

Ion Ratio Lower Upper

64 100

66 32.0 21.4 39.8



#9

Trichlorofluoromethane

Concen: 4.754 ug/L

RT: 2.136 min Scan# 263

Delta R.T. -0.000 min

Lab File: VU056726.D

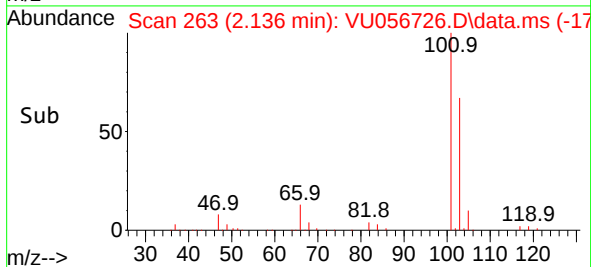
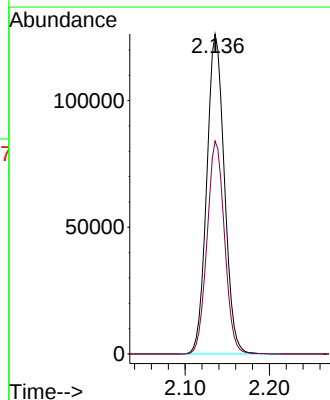
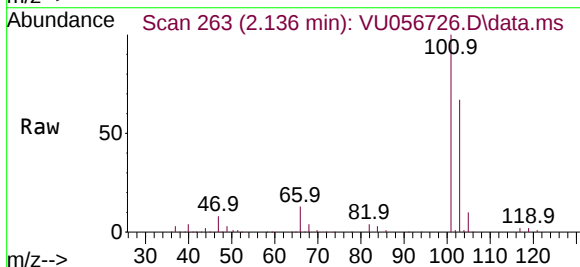
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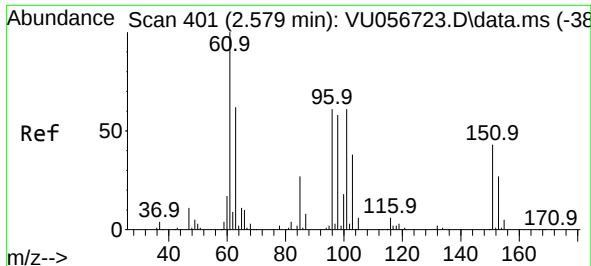
Tgt Ion:101 Resp: 183721

Ion Ratio Lower Upper

101 100

103 65.9 51.4 77.2

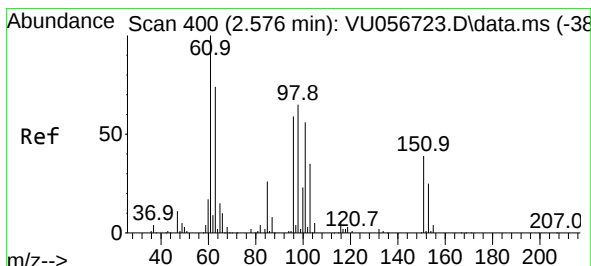
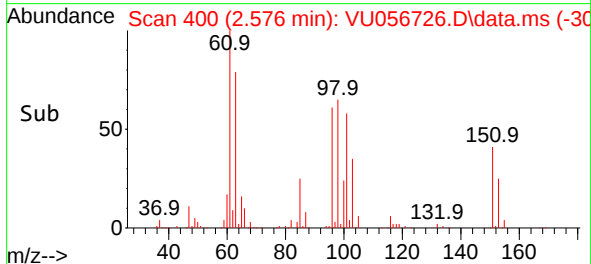
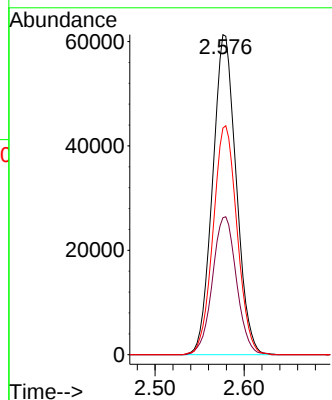
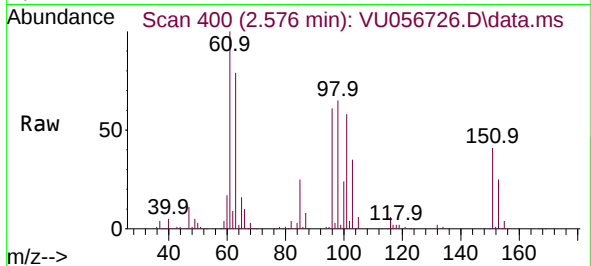




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.762 ug/L
 RT: 2.576 min Scan# 401
 Delta R.T. -0.003 min
 Lab File: VU056726.D
 Acq: 11 Dec 2023 12:23

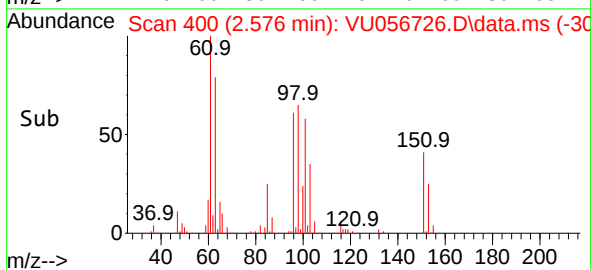
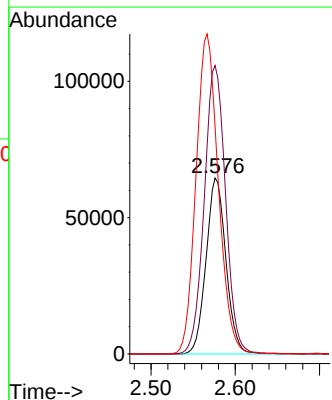
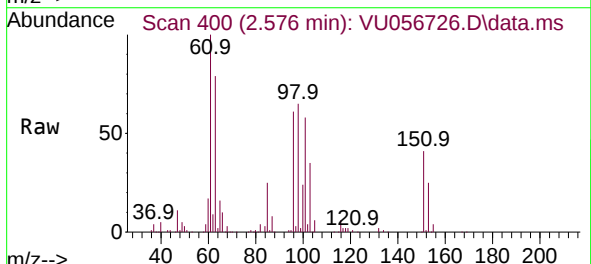
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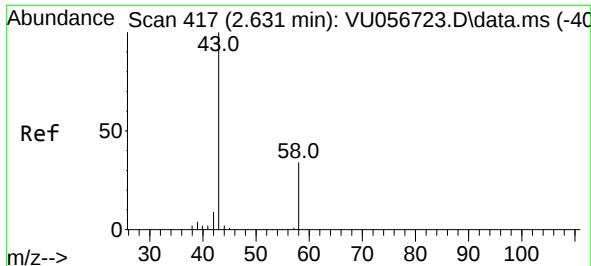
Tgt Ion:101 Resp: 112882
 Ion Ratio Lower Upper
 101 100
 85 44.0 35.2 52.8
 151 72.7 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.864 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056726.D
 Acq: 11 Dec 2023 12:23

Tgt Ion: 96 Resp: 105841
 Ion Ratio Lower Upper
 96 100
 61 163.8 119.0 221.0
 63 129.1 88.7 164.7





#13

Acetone

Concen: 50.622 ug/L

RT: 2.634 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU056726.D

Acq: 11 Dec 2023 12:23

Instrument :

MSVOA_U

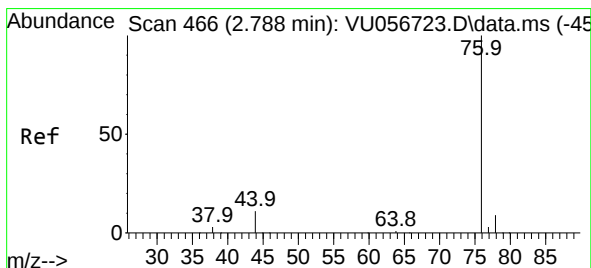
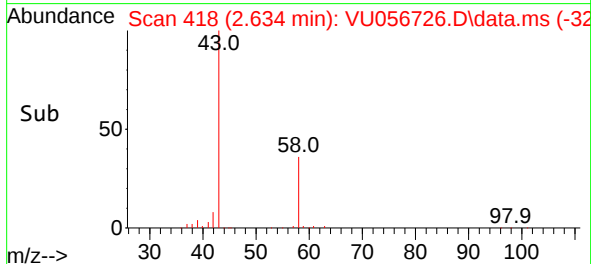
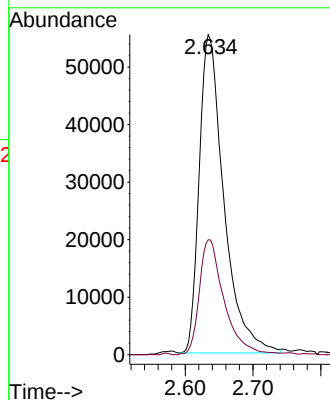
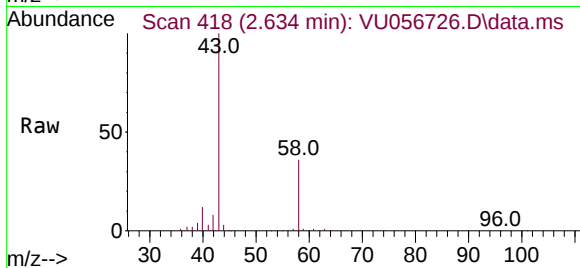
ClientSampleId :

Tgt Ion: 43 Resp: 139953

Ion Ratio Lower Upper

43 100

58 36.2 0.0 72.6



#14

Carbon disulfide

Concen: 4.799 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU056726.D

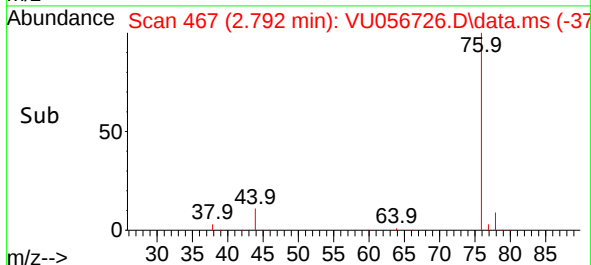
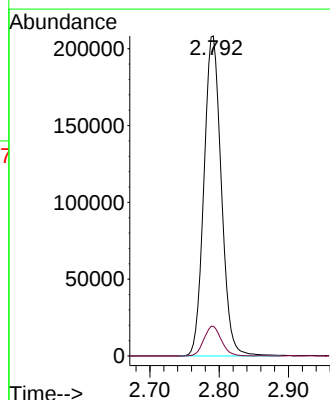
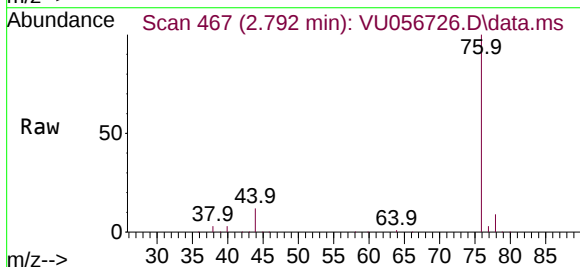
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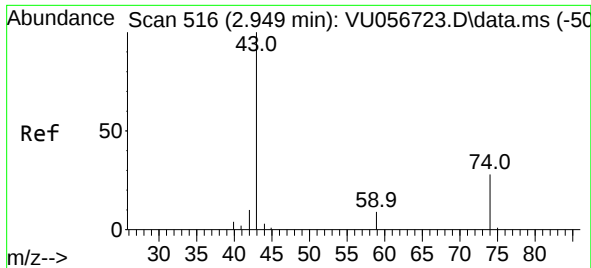
Tgt Ion: 76 Resp: 362319

Ion Ratio Lower Upper

76 100

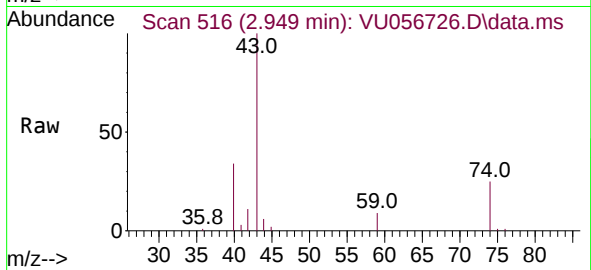
78 9.3 7.3 10.9



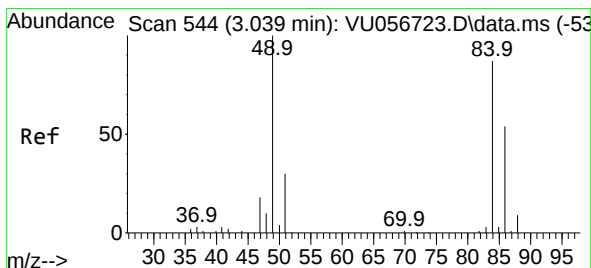
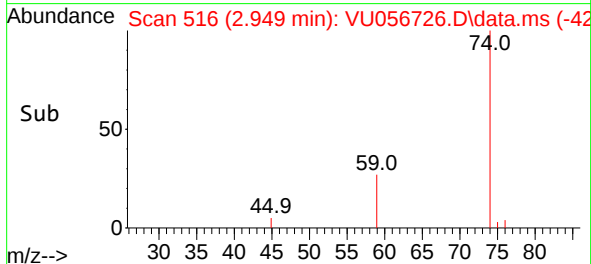
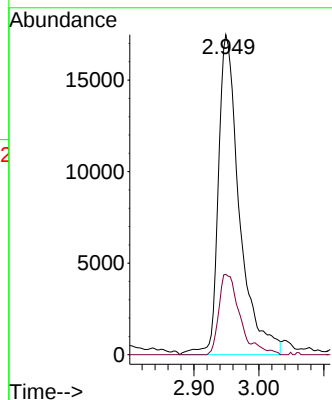


#15
Methyl Acetate
Concen: 5.232 ug/L
RT: 2.949 min Scan# 516
Delta R.T. -0.000 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

Instrument :
MSVOA_U
ClientSampleId :

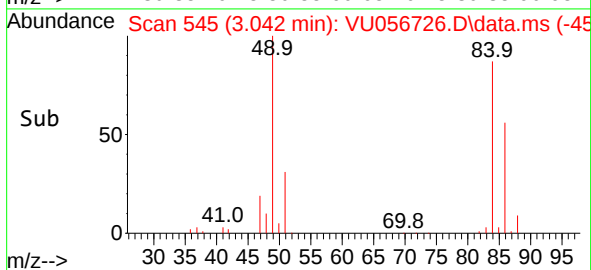
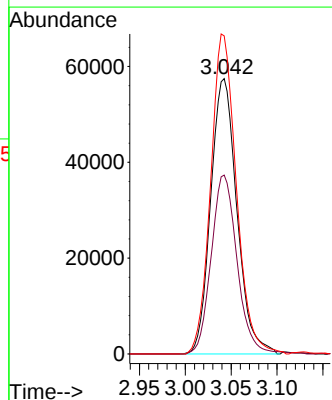
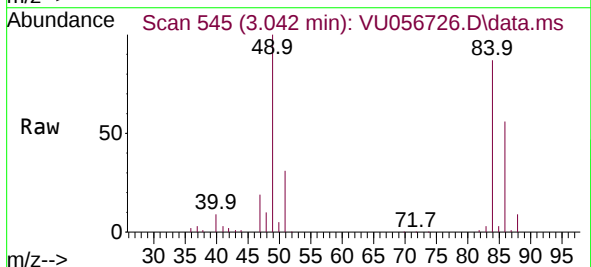


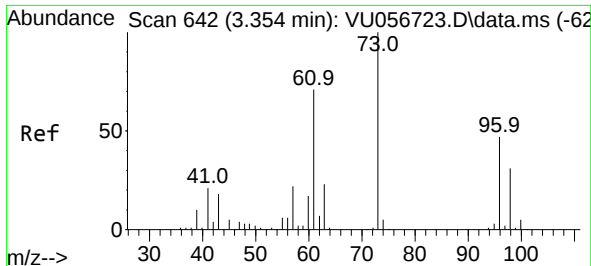
Tgt Ion: 43 Resp: 39378
Ion Ratio Lower Upper
43 100
74 23.1 21.0 31.6



#16
Methylene chloride
Concen: 4.820 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

Tgt Ion: 84 Resp: 114247
Ion Ratio Lower Upper
84 100
86 65.0 43.6 81.0
49 115.5 80.6 149.6

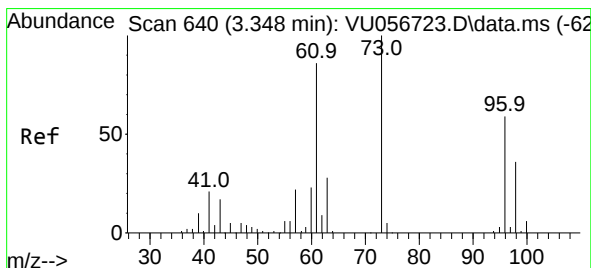
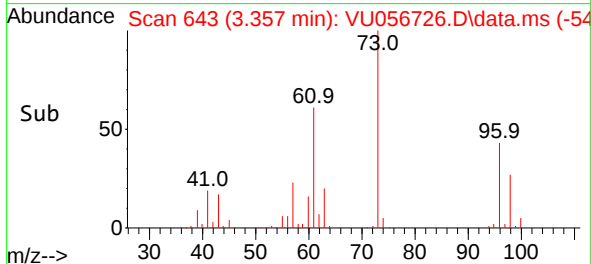
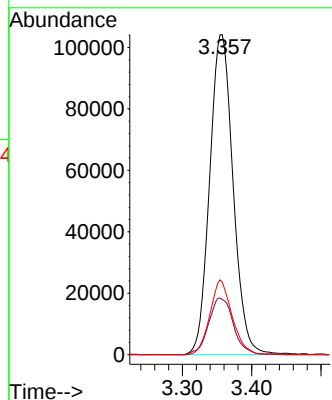
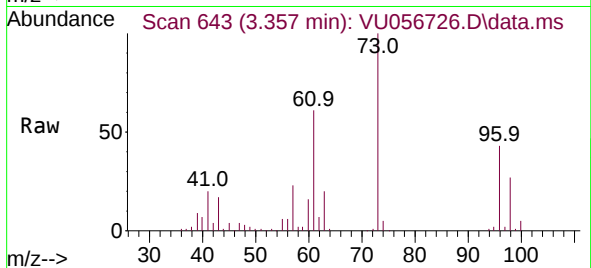




#17
Methyl tert-butyl Ether
Concen: 5.065 ug/L
RT: 3.357 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

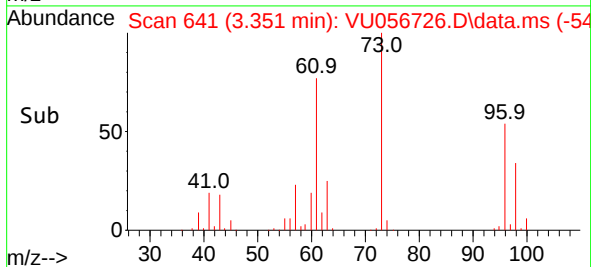
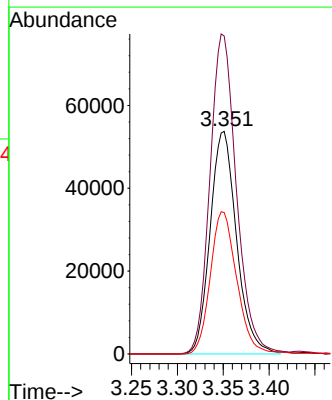
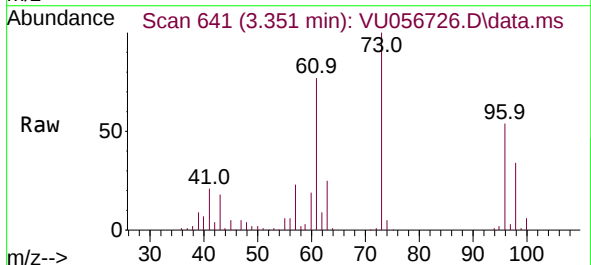
Instrument :
MSVOA_U
ClientSampleId :

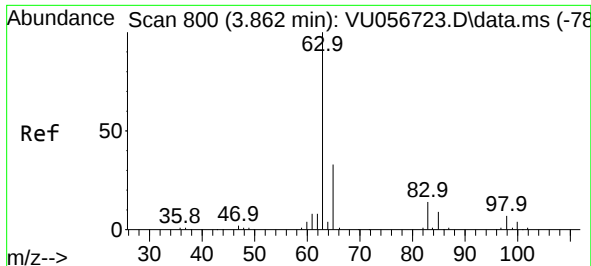
Tgt Ion: 73 Resp: 244365
Ion Ratio Lower Upper
73 100
43 18.7 14.4 21.6
57 22.2 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.895 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

Tgt Ion: 96 Resp: 107982
Ion Ratio Lower Upper
96 100
61 142.8 101.8 189.0
98 63.5 43.0 79.8





#19

1,1-Dichloroethane

Concen: 4.827 ug/L

RT: 3.865 min Scan# 800

Delta R.T. 0.003 min

Lab File: VU056726.D

Acq: 11 Dec 2023 12:23

Instrument :

MSVOA_U

ClientSampleId :

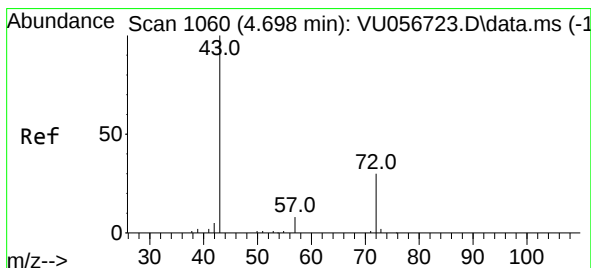
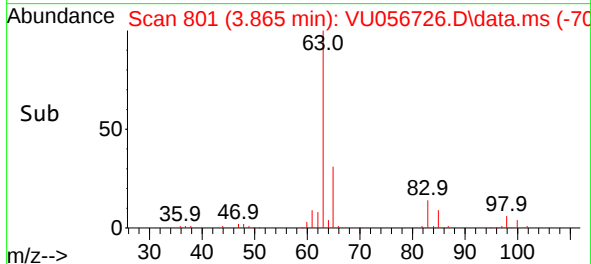
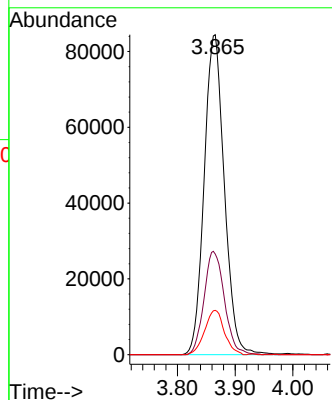
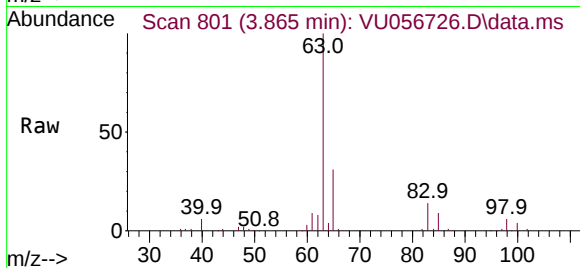
Tgt Ion: 63 Resp: 204845

Ion Ratio Lower Upper

63 100

65 31.5 22.9 42.5

83 13.9 10.1 18.9



#21

2-Butanone

Concen: 50.846 ug/L

RT: 4.701 min Scan# 1061

Delta R.T. 0.003 min

Lab File: VU056726.D

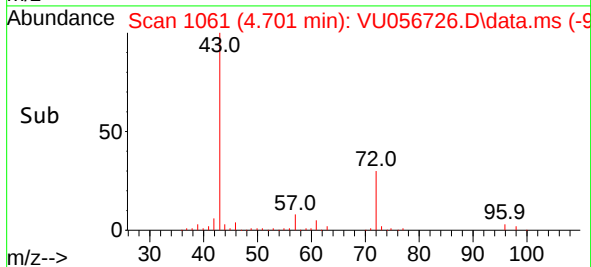
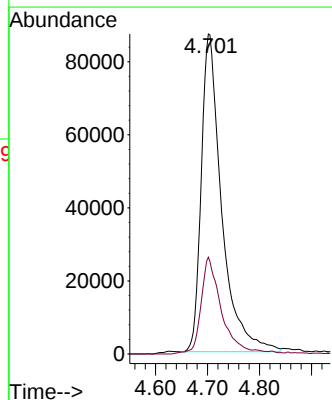
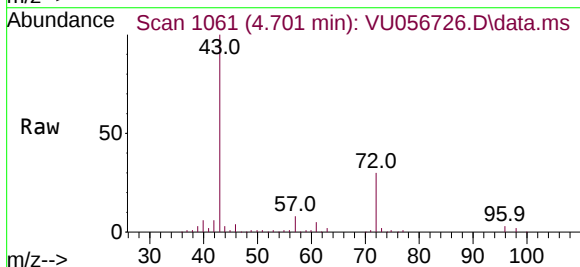
Acq: 11 Dec 2023 12:23

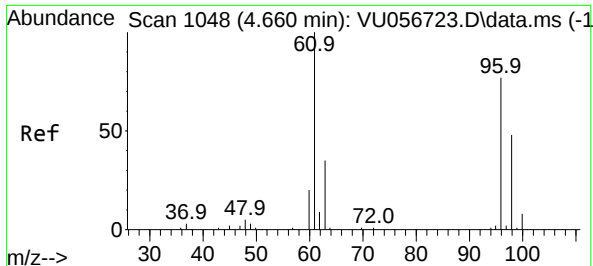
Tgt Ion: 43 Resp: 237061

Ion Ratio Lower Upper

43 100

72 29.7 14.6 43.8

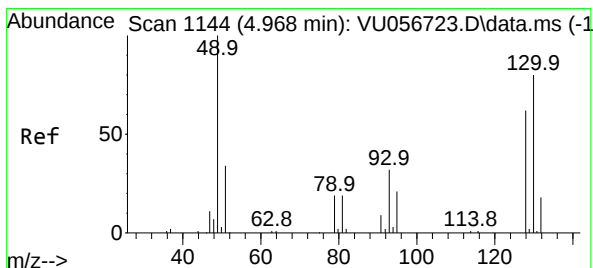
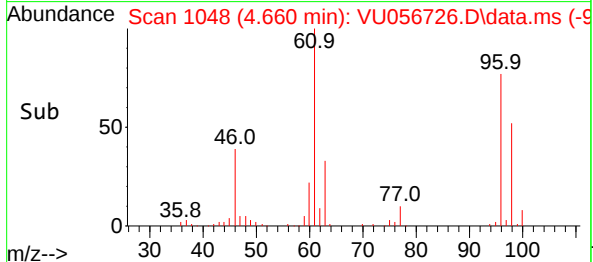
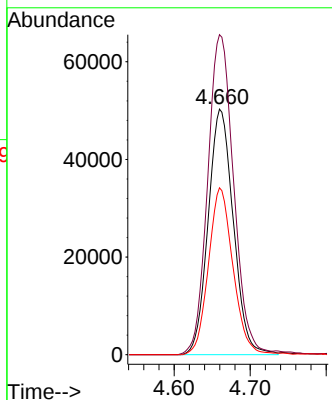
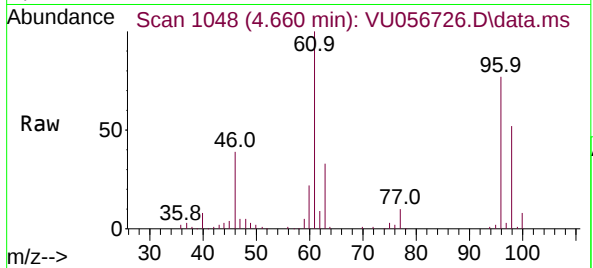




#22
 cis-1,2-Dichloroethene
 Concen: 4.831 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056726.D
 Acq: 11 Dec 2023 12:23

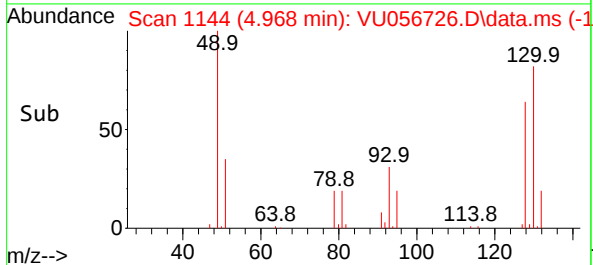
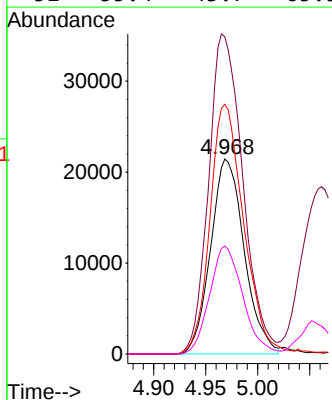
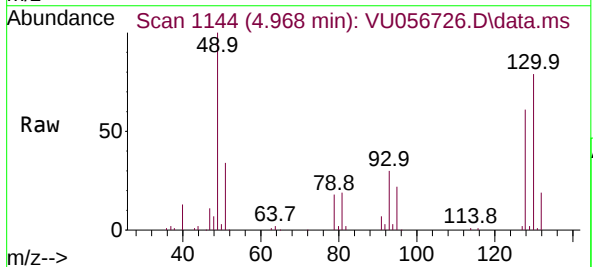
Instrument :
 MSVOA_U
 ClientSampleId :

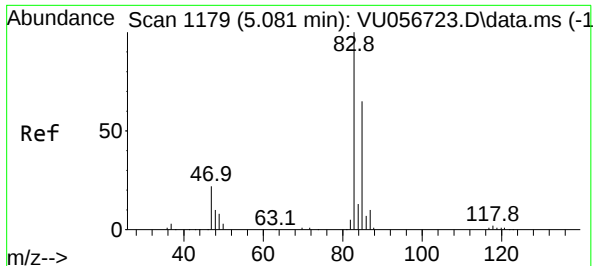
Tgt Ion: 96 Resp: 115939
 Ion Ratio Lower Upper
 96 100
 61 130.3 91.3 169.6
 98 67.9 44.2 82.0



#23
 Bromochloromethane
 Concen: 4.803 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU056726.D
 Acq: 11 Dec 2023 12:23

Tgt Ion: 128 Resp: 48255
 Ion Ratio Lower Upper
 128 100
 49 162.8 113.8 211.3
 130 128.0 90.6 168.3
 51 55.4 43.7 65.5





#25

Chloroform

Concen: 4.803 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056726.D

Acq: 11 Dec 2023 12:23

Instrument :

MSVOA_U

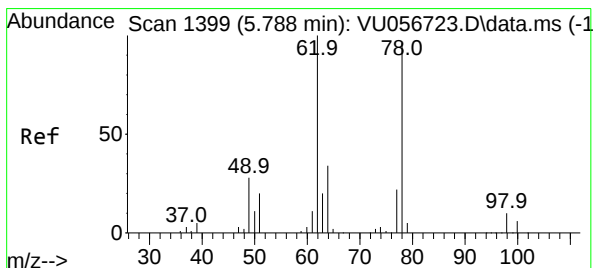
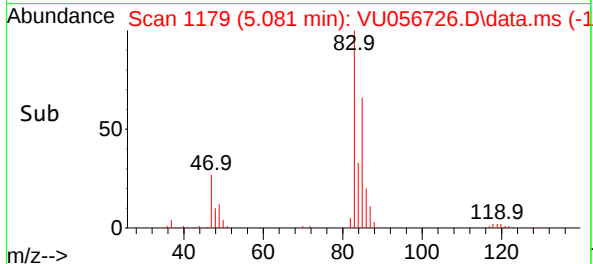
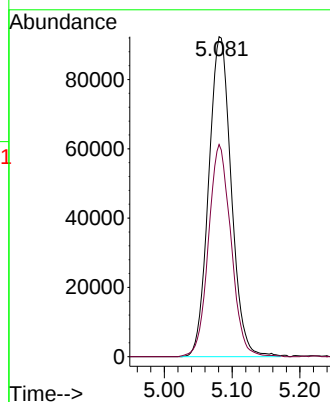
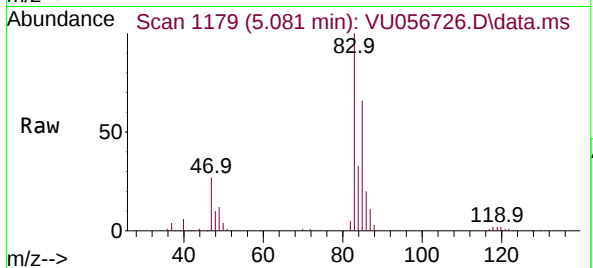
ClientSampleId :

Tgt Ion: 83 Resp: 213520

Ion Ratio Lower Upper

83 100

85 66.3 45.8 85.0



#27

1,2-Dichloroethane

Concen: 4.969 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU056726.D

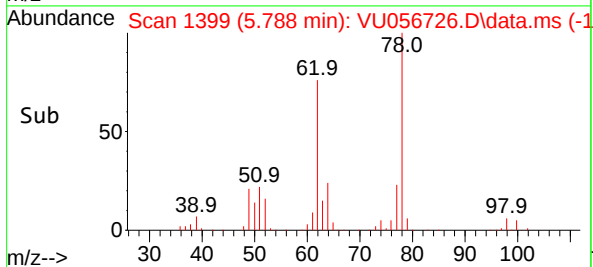
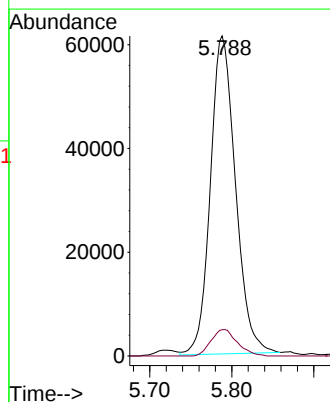
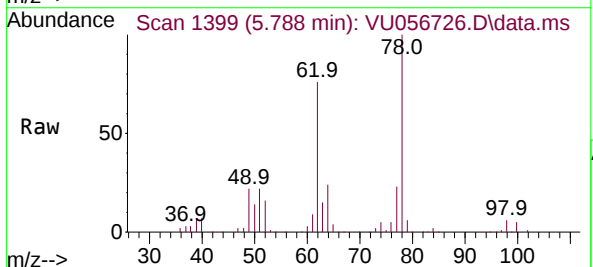
Acq: 11 Dec 2023 12:23

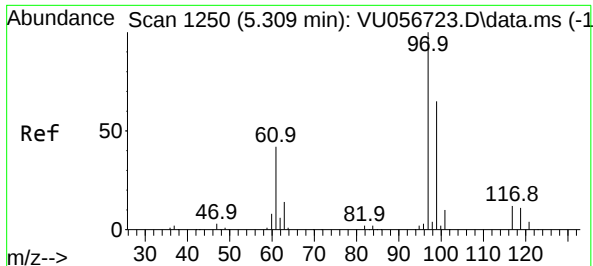
Tgt Ion: 62 Resp: 130631

Ion Ratio Lower Upper

62 100

98 8.2 7.8 11.6

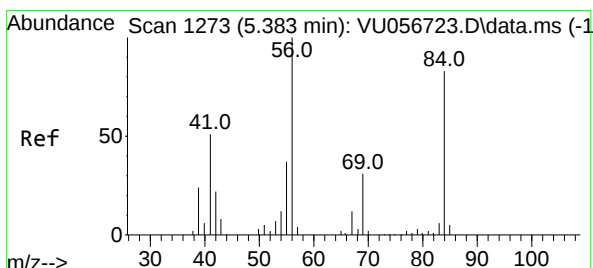
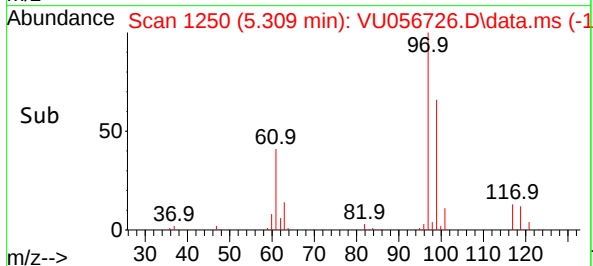
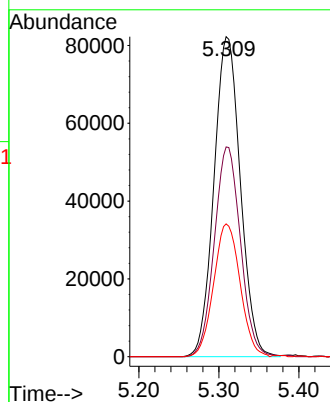
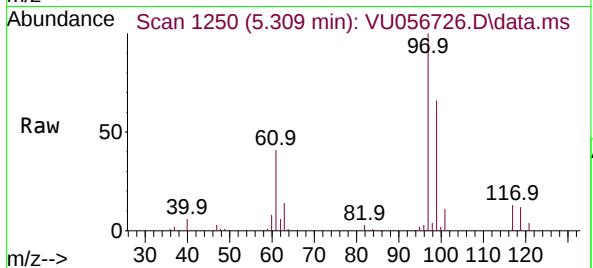




#29
1,1,1-Trichloroethane
Concen: 4.941 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

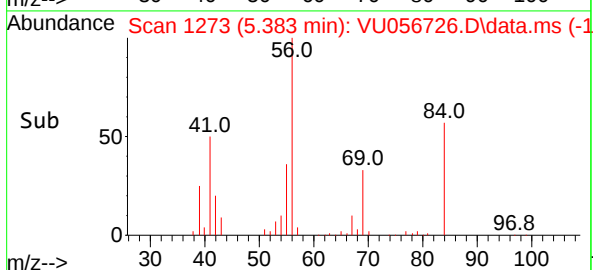
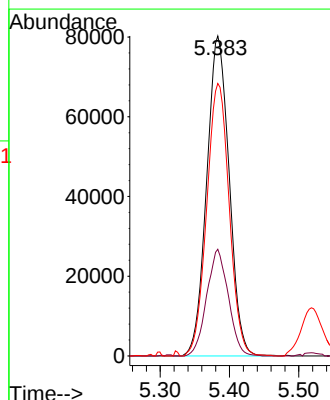
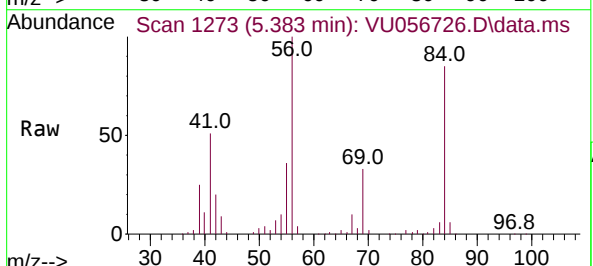
Instrument :
MSVOA_U
ClientSampleId :

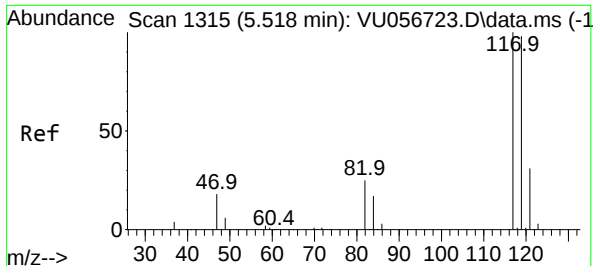
Tgt Ion: 97 Resp: 188653
Ion Ratio Lower Upper
97 100
99 64.9 52.5 78.7
61 41.6 34.2 51.2



#30
Cyclohexane
Concen: 5.038 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

Tgt Ion: 56 Resp: 180506
Ion Ratio Lower Upper
56 100
69 32.1 24.9 37.3
84 85.4 67.6 101.4

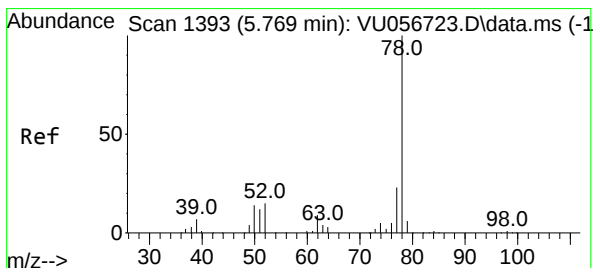
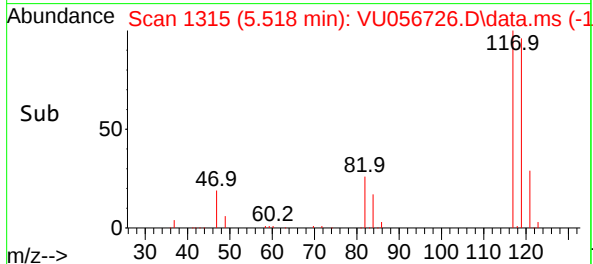
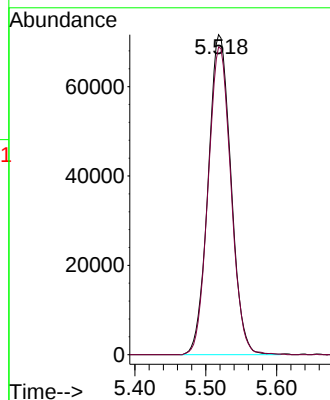
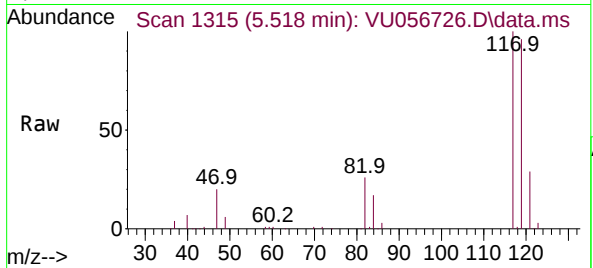




#31
Carbon tetrachloride
Concen: 4.829 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

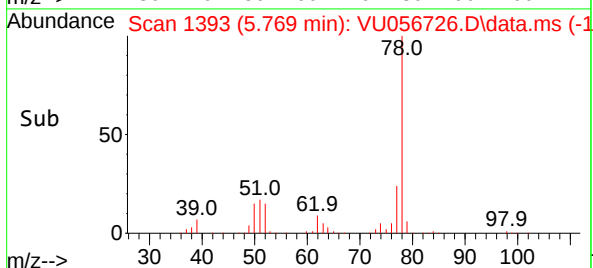
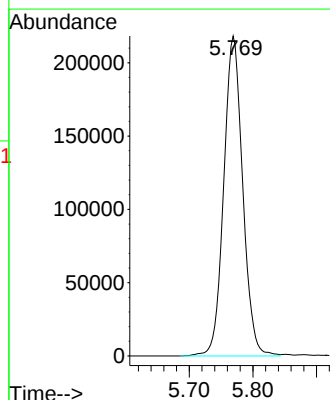
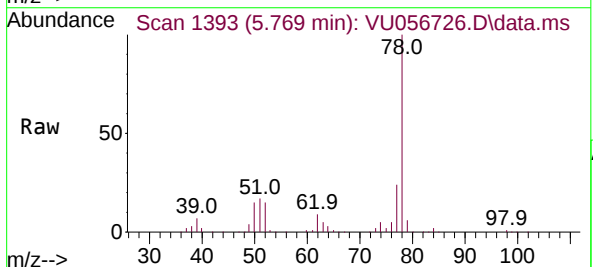
Instrument :
MSVOA_U
ClientSampleId :

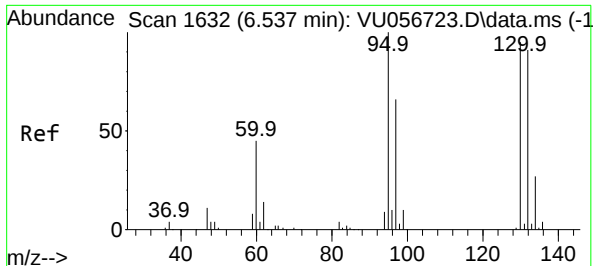
Tgt Ion:117 Resp: 160252
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.4



#33
Benzene
Concen: 4.870 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

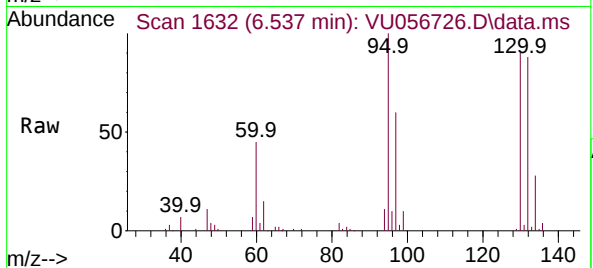
Tgt Ion: 78 Resp: 452086





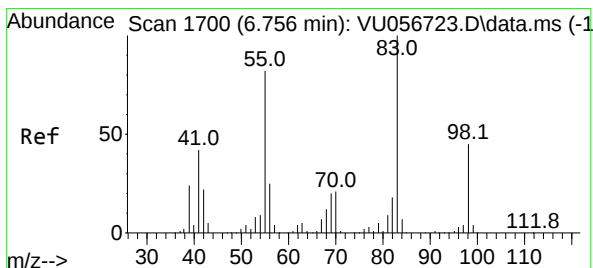
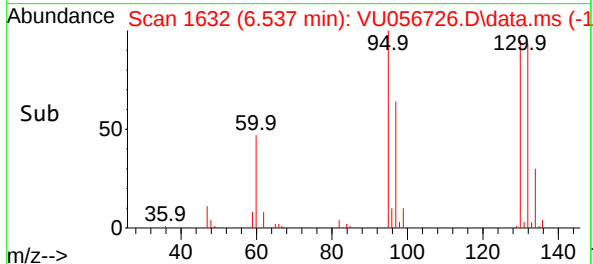
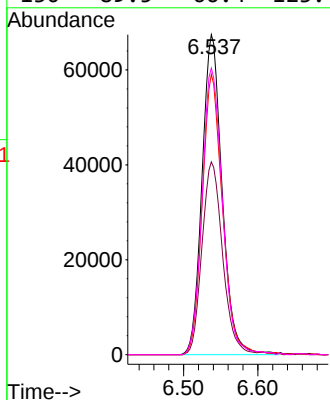
#34
Trichloroethene
Concen: 4.979 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 126773

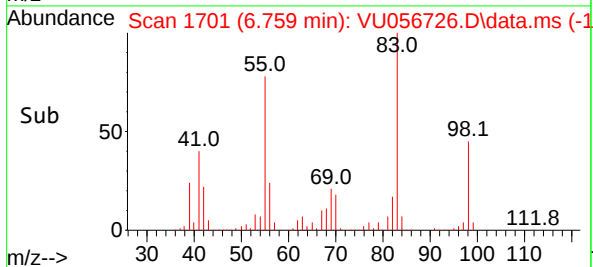
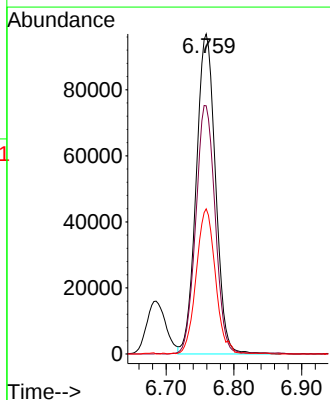
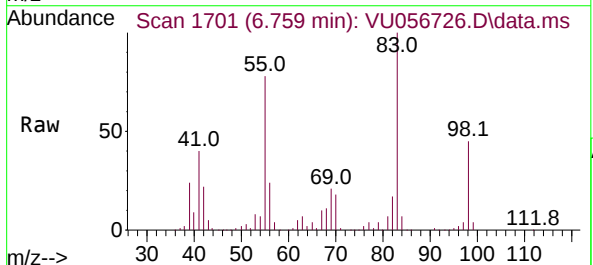
Ion	Ratio	Lower	Upper
95	100		
97	60.3	46.1	85.5
132	87.6	63.6	118.0
130	89.5	66.4	123.4

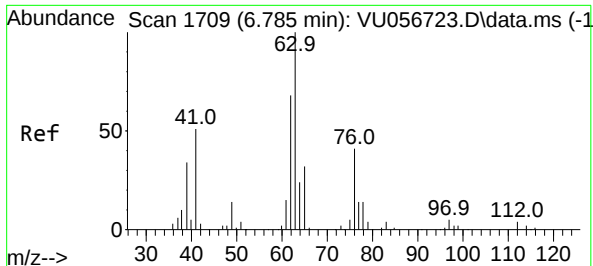


#35
Methylcyclohexane
Concen: 5.108 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

Tgt Ion: 83 Resp: 191944

Ion	Ratio	Lower	Upper
83	100		
55	77.8	64.6	97.0
98	45.1	36.1	54.1

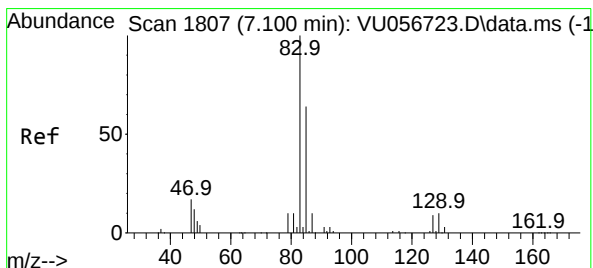
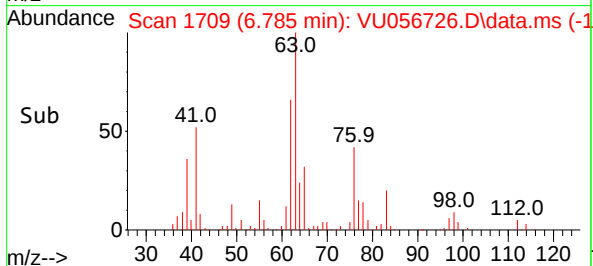
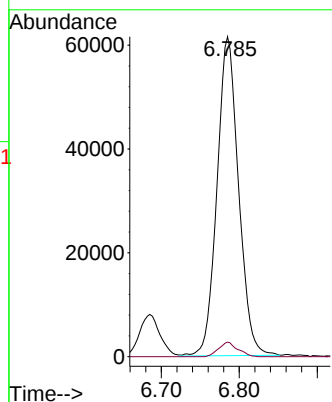
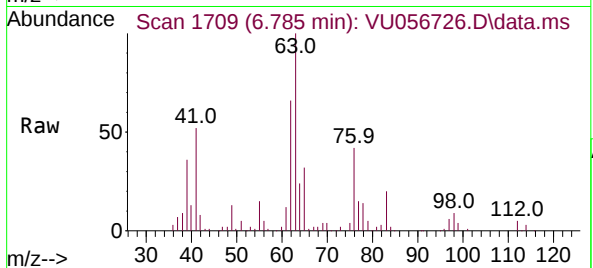




#37
1,2-Dichloropropane
Concen: 4.971 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

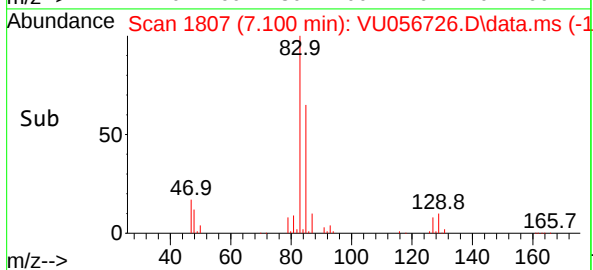
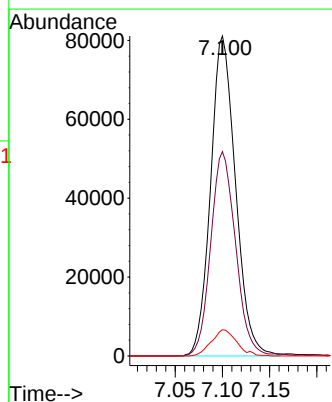
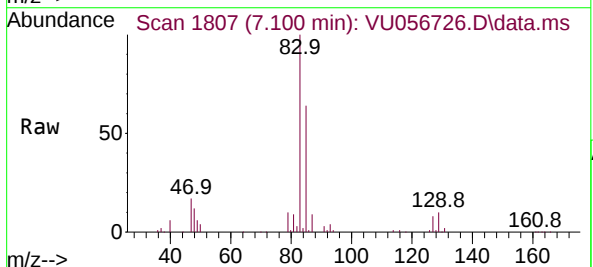
Instrument :
MSVOA_U
ClientSampleId :

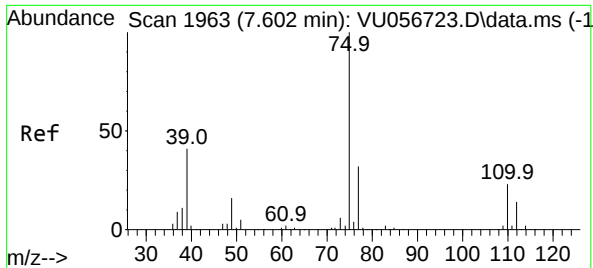
Tgt Ion: 63 Resp: 118035
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 4.914 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

Tgt Ion: 83 Resp: 148808
Ion Ratio Lower Upper
83 100
85 63.8 45.0 83.6
127 8.2 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 5.042 ug/L

RT: 7.605 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU056726.D

Acq: 11 Dec 2023 12:23

Instrument :

MSVOA_U

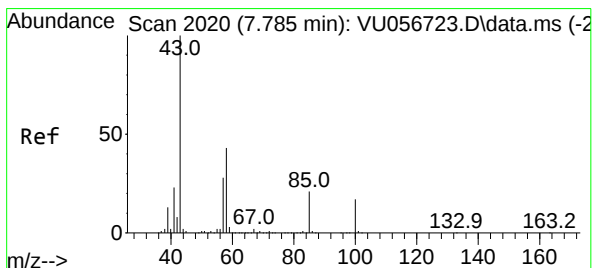
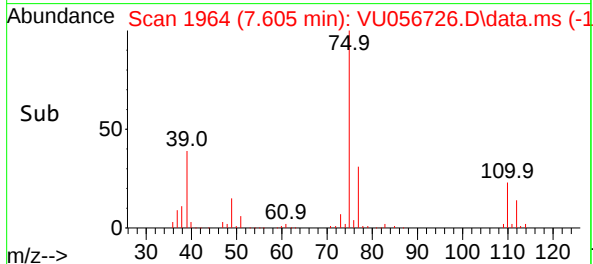
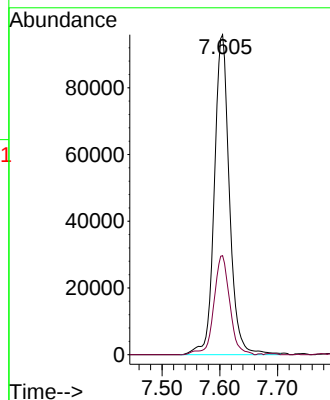
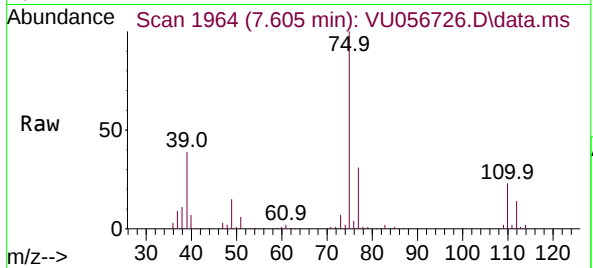
ClientSampleId :

Tgt Ion: 75 Resp: 174500

Ion Ratio Lower Upper

75 100

77 30.9 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 52.774 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU056726.D

Acq: 11 Dec 2023 12:23

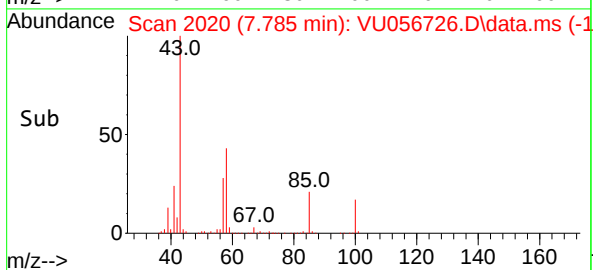
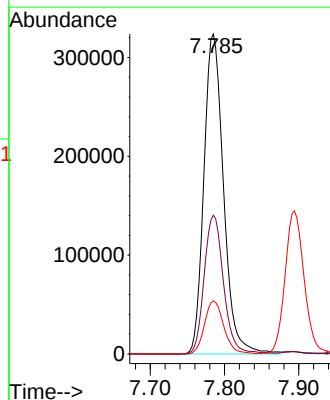
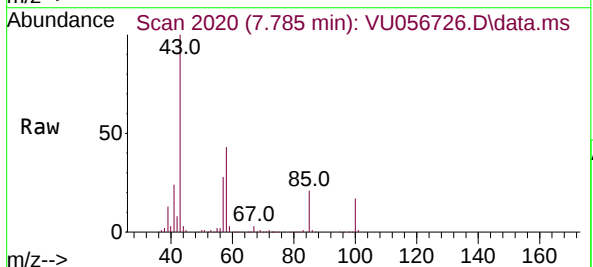
Tgt Ion: 43 Resp: 595014

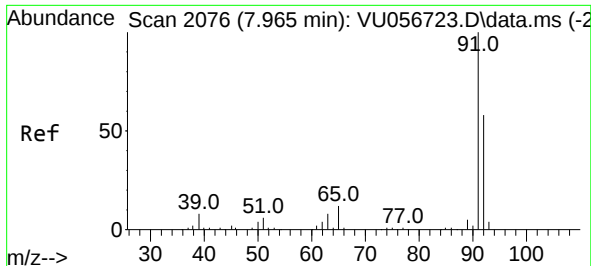
Ion Ratio Lower Upper

43 100

58 42.7 33.7 50.5

100 16.3 13.0 19.4





#42

Toluene

Concen: 5.055 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056726.D

Acq: 11 Dec 2023 12:23

Instrument :

MSVOA_U

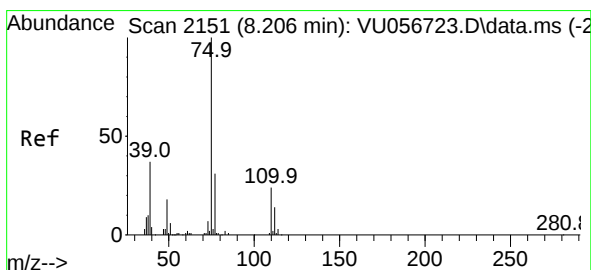
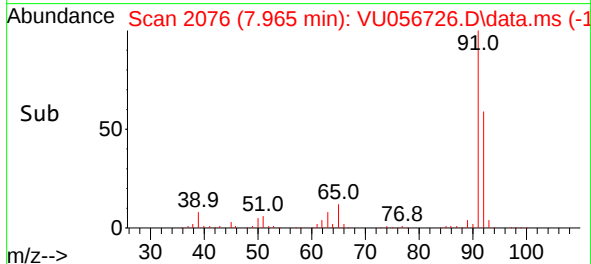
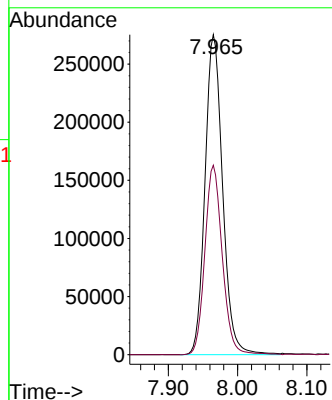
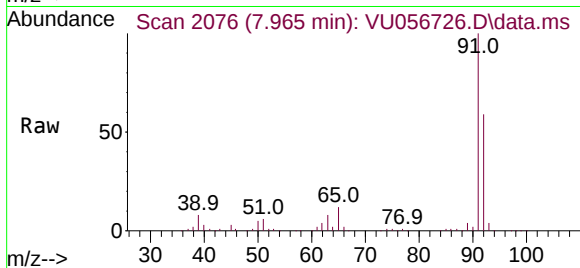
ClientSampleId :

Tgt Ion: 91 Resp: 485448

Ion Ratio Lower Upper

91 100

92 59.2 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.207 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU056726.D

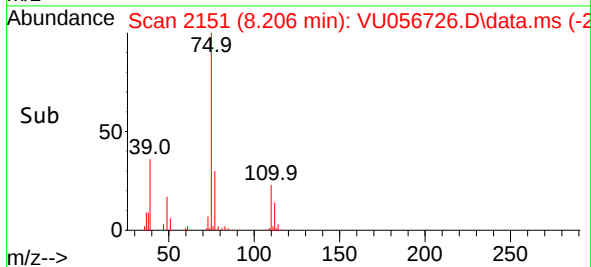
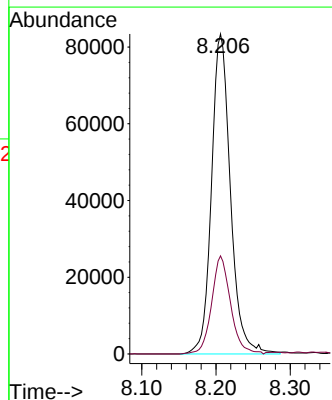
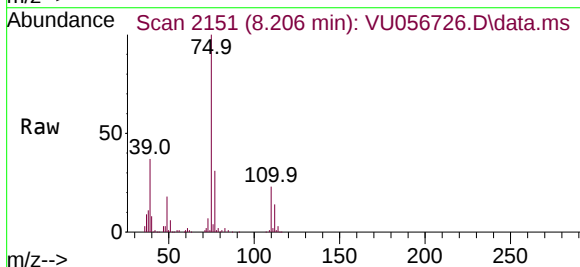
Acq: 11 Dec 2023 12:23

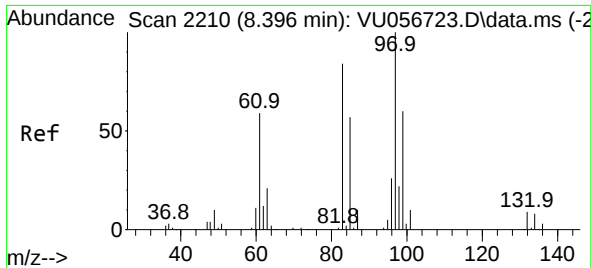
Tgt Ion: 75 Resp: 147688

Ion Ratio Lower Upper

75 100

77 30.6 21.8 40.4

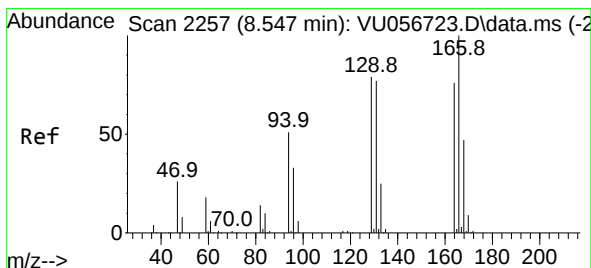
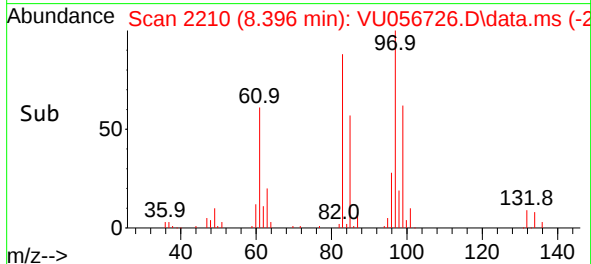
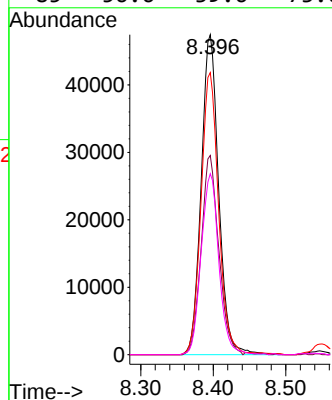
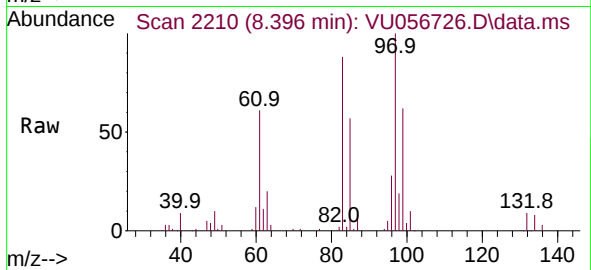




#45
1,1,2-Trichloroethane
Concen: 4.956 ug/L
RT: 8.396 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

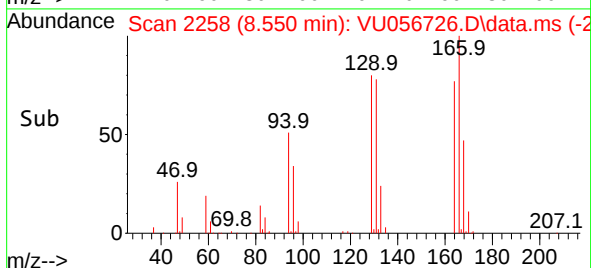
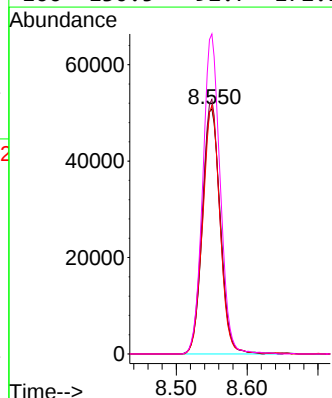
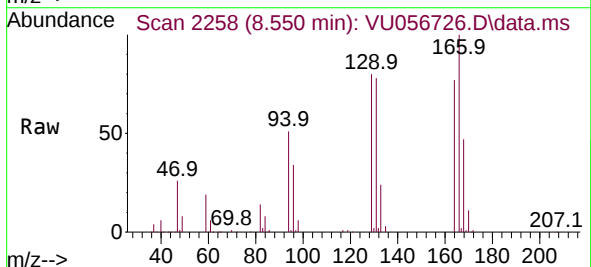
Instrument :
MSVOA_U
ClientSampleId :

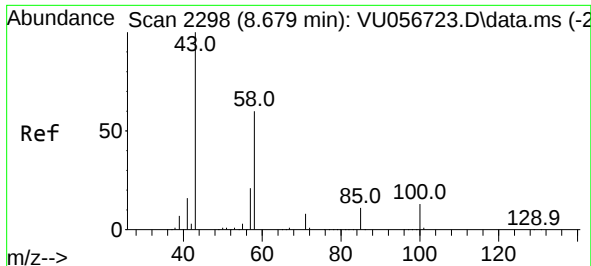
Tgt Ion:	97	Resp:	79557
Ion	Ratio	Lower	Upper
97	100		
99	62.2	41.9	77.9
83	88.2	59.1	109.7
85	56.6	39.6	73.6



#47
Tetrachloroethene
Concen: 5.017 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

Tgt Ion:	164	Resp:	89398
Ion	Ratio	Lower	Upper
164	100		
129	103.8	73.4	136.4
131	101.3	71.5	132.9
166	130.5	92.7	172.1

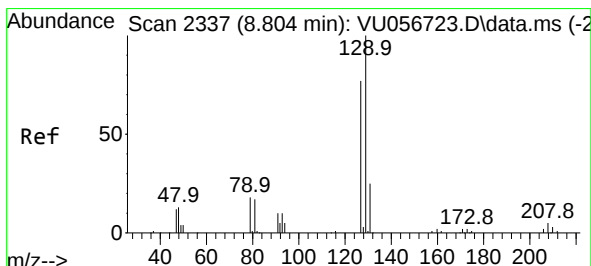
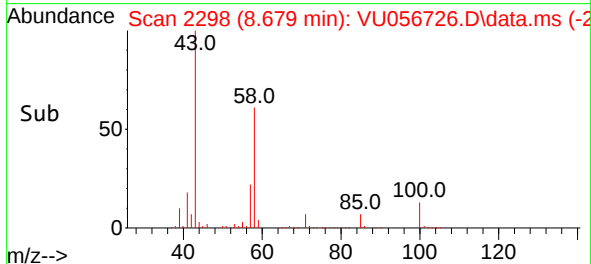
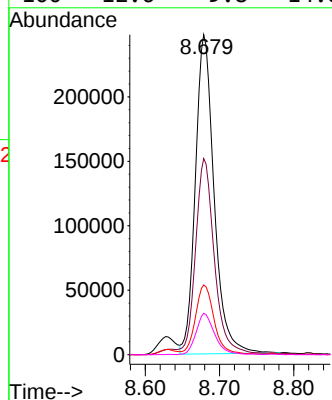
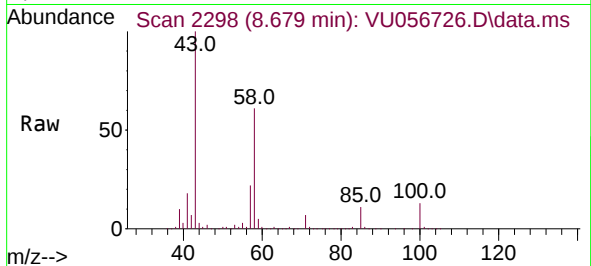




#48
2-Hexanone
Concen: 54.318 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

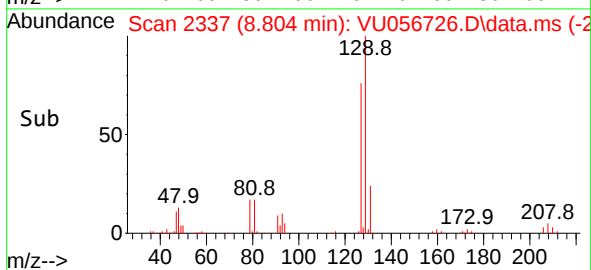
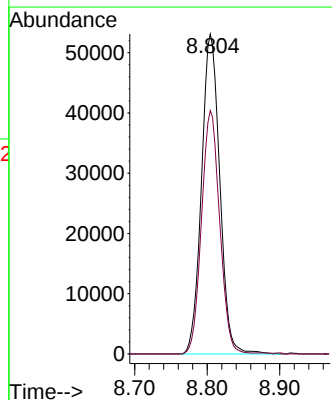
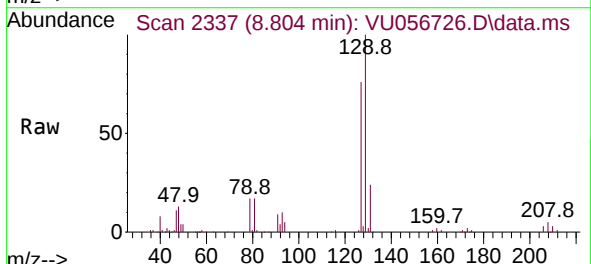
Instrument :
MSVOA_U
ClientSampleId :

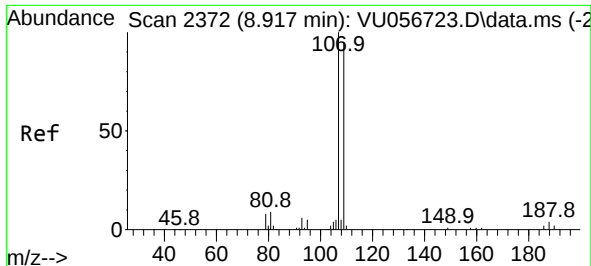
Tgt Ion: 43 Resp: 436185
Ion Ratio Lower Upper
43 100
58 61.4 47.5 71.3
57 21.5 17.0 25.4
100 12.6 9.8 14.8



#49
Dibromochloromethane
Concen: 5.036 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

Tgt Ion: 129 Resp: 92918
Ion Ratio Lower Upper
129 100
127 76.1 53.9 100.1





#50

1,2-Dibromoethane

Concen: 5.147 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

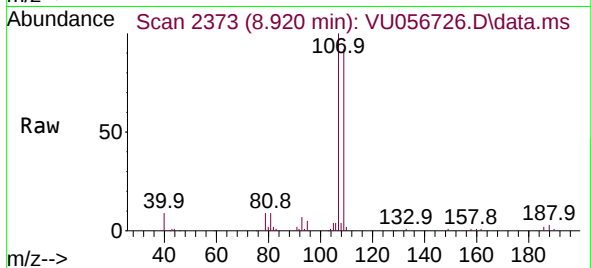
Lab File: VU056726.D

Acq: 11 Dec 2023 12:23

Instrument :

MSVOA_U

ClientSampleId :



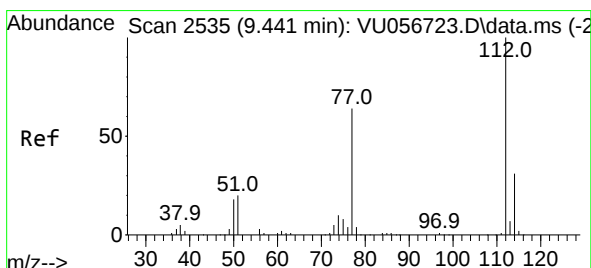
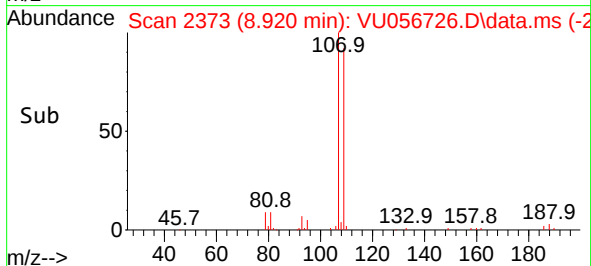
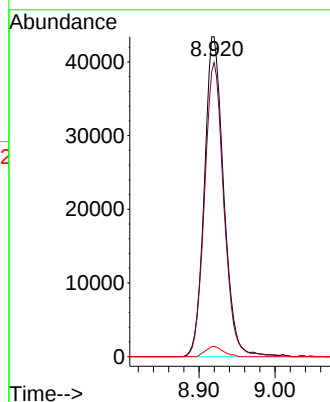
Tgt Ion:107 Resp: 76677

Ion Ratio Lower Upper

107 100

109 91.9 66.5 123.5

188 3.2 2.9 4.3



#51

Chlorobenzene

Concen: 5.019 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.003 min

Lab File: VU056726.D

Acq: 11 Dec 2023 12:23

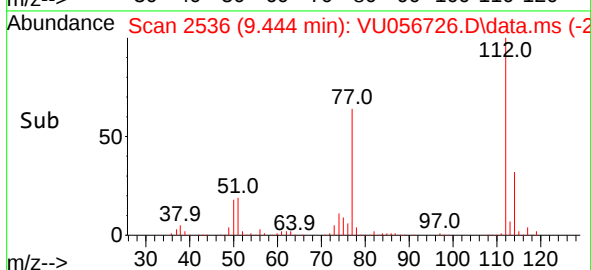
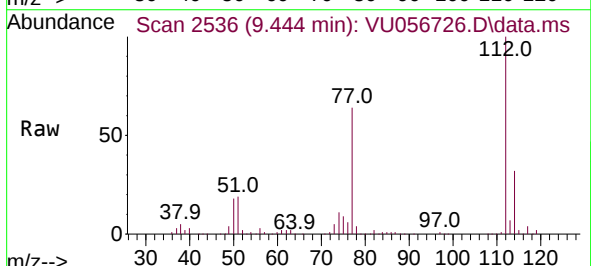
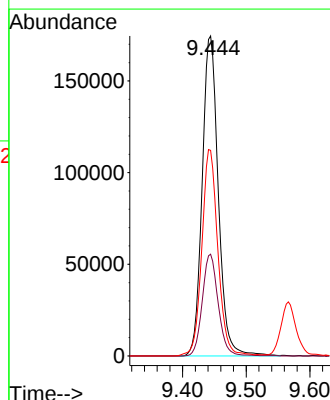
Tgt Ion:112 Resp: 307245

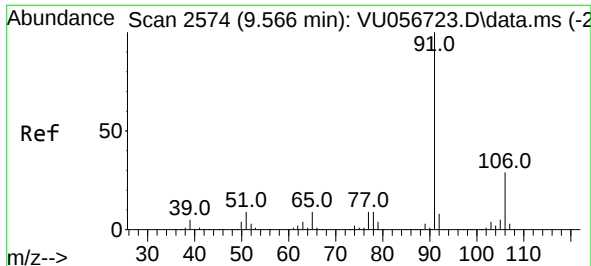
Ion Ratio Lower Upper

112 100

114 31.8 21.9 40.7

77 64.3 51.6 77.4

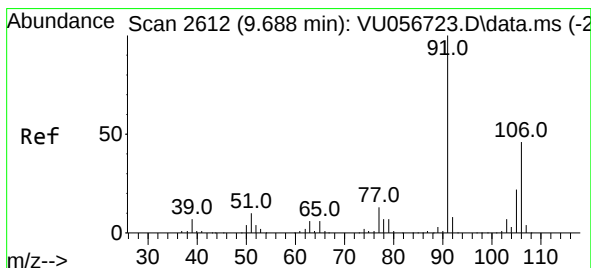
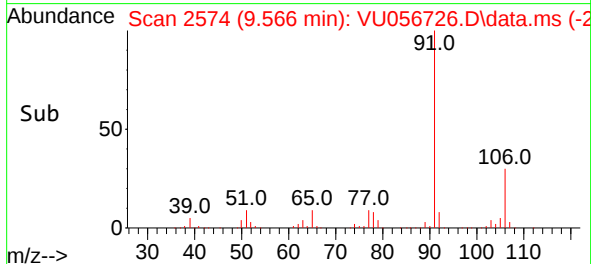
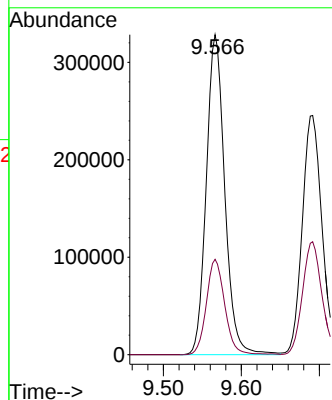
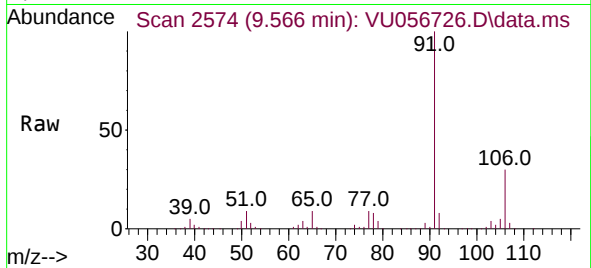




#52
Ethylbenzene
Concen: 5.096 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

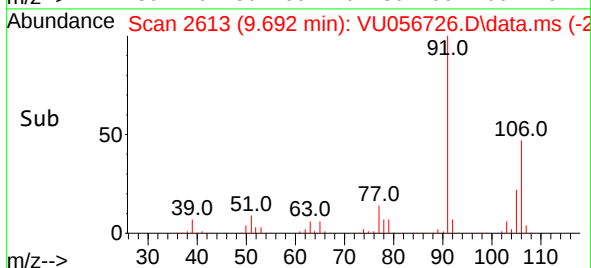
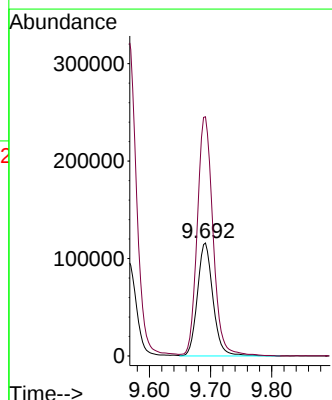
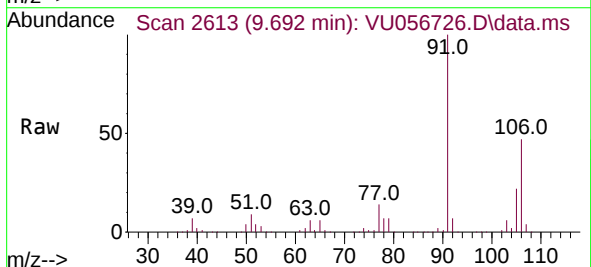
Instrument :
MSVOA_U
ClientSampleId :

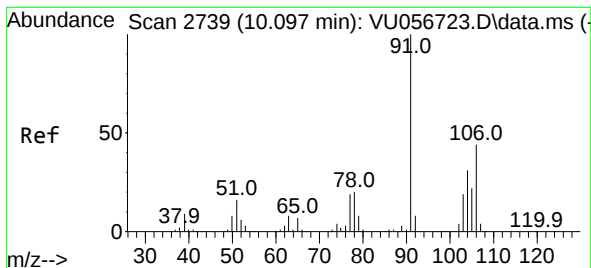
Tgt Ion: 91 Resp: 539927
Ion Ratio Lower Upper
91 100
106 29.8 20.6 38.4



#53
m,p-Xylene
Concen: 5.198 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

Tgt Ion: 106 Resp: 205185
Ion Ratio Lower Upper
106 100
91 211.9 154.0 286.0





#54

o-Xylene

Concen: 5.130 ug/L

RT: 10.097 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056726.D

Acq: 11 Dec 2023 12:23

Instrument :

MSVOA_U

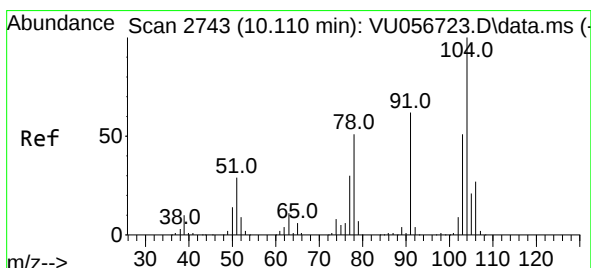
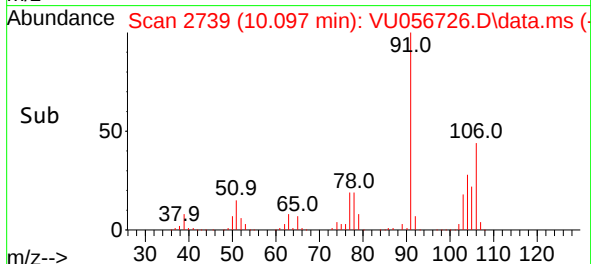
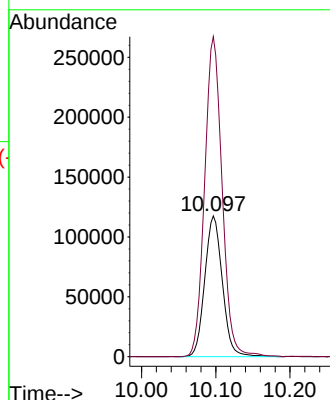
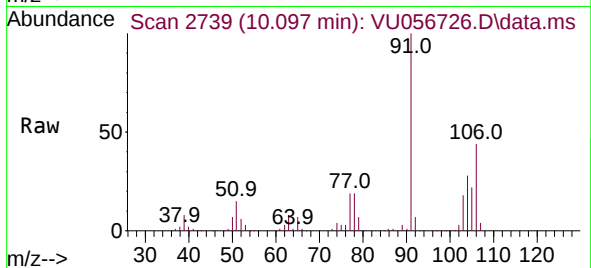
ClientSampleId :

Tgt Ion:106 Resp: 192926

Ion Ratio Lower Upper

106 100

91 227.3 160.2 297.6



#55

Styrene

Concen: 5.396 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VU056726.D

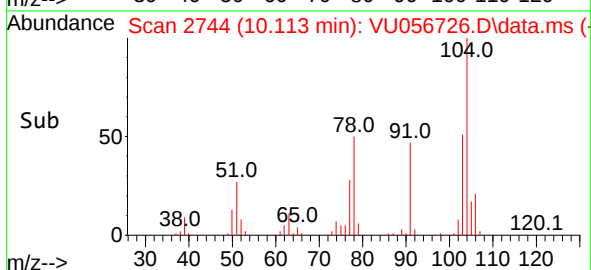
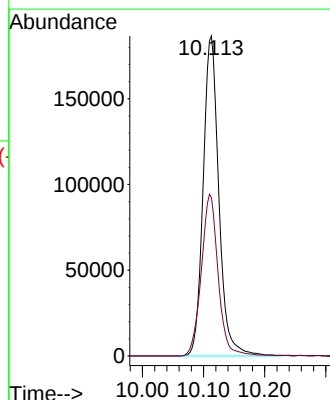
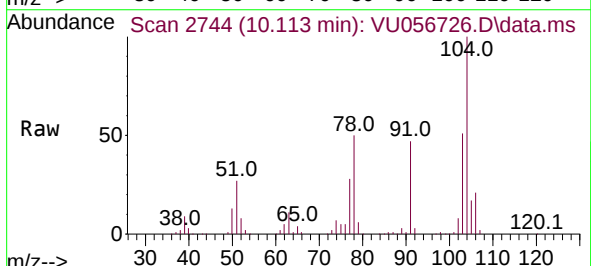
Acq: 11 Dec 2023 12:23

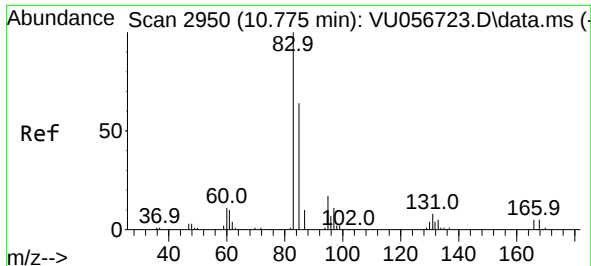
Tgt Ion:104 Resp: 333196

Ion Ratio Lower Upper

104 100

78 49.6 35.6 66.2

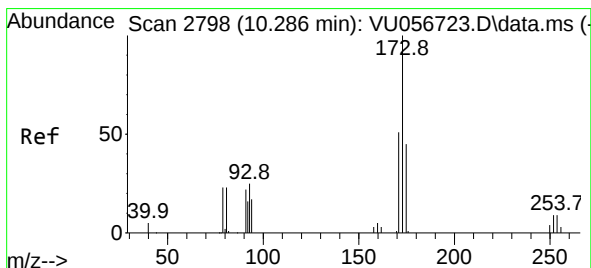
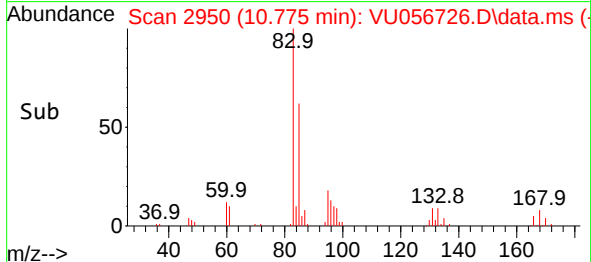
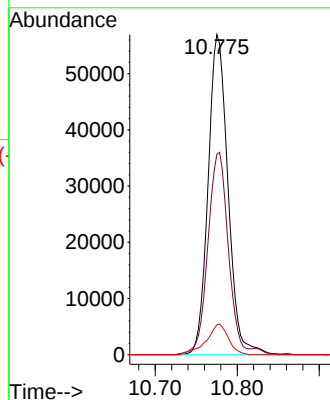
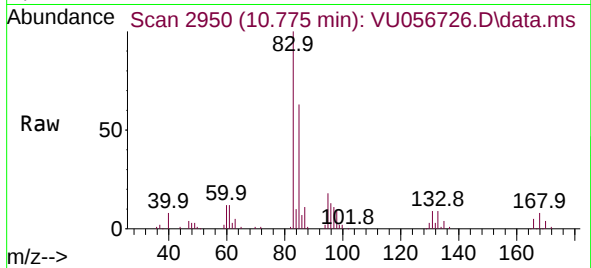




#57
1,1,2,2-Tetrachloroethane
Concen: 4.950 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

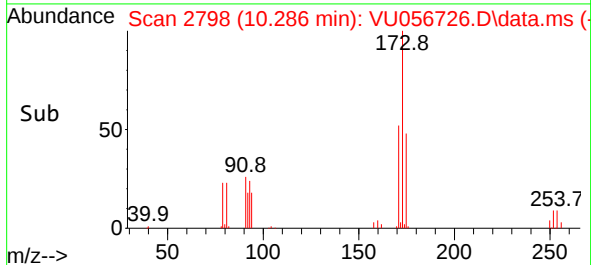
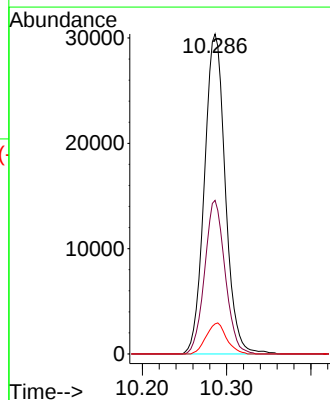
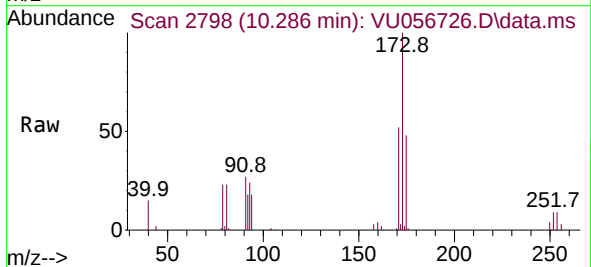
Instrument :
MSVOA_U
ClientSampleId :

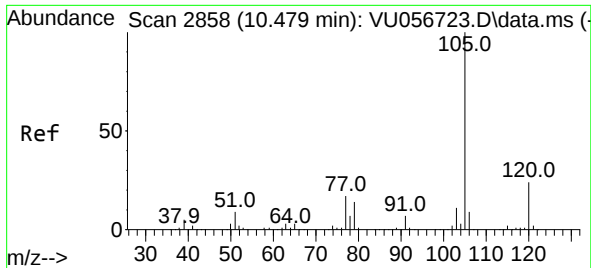
Tgt Ion: 83 Resp: 95992
Ion Ratio Lower Upper
83 100
85 62.6 45.4 84.4
131 9.4 6.6 9.8



#59
Bromoform
Concen: 5.037 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

Tgt Ion:173 Resp: 52437
Ion Ratio Lower Upper
173 100
175 46.9 38.2 57.2
254 9.4 7.0 10.4

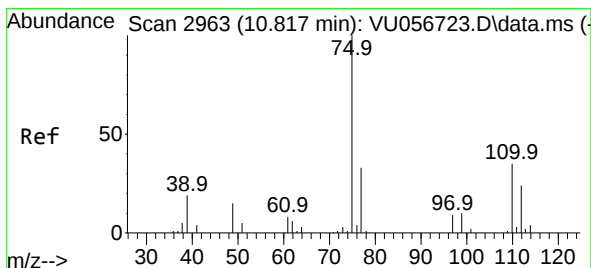
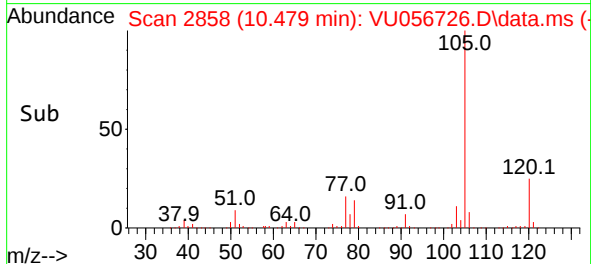
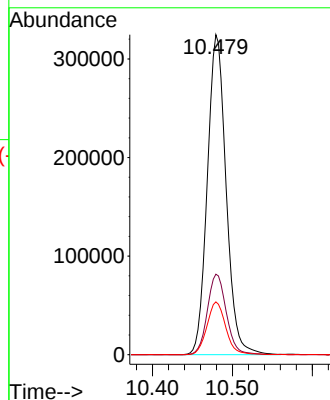
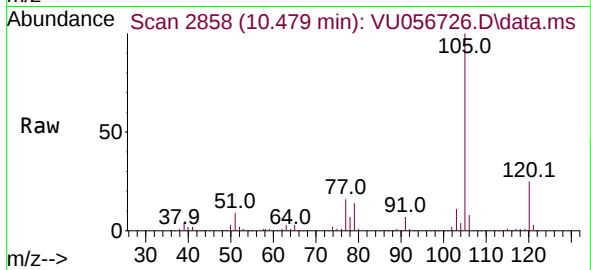




#60
Isopropylbenzene
Concen: 5.265 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

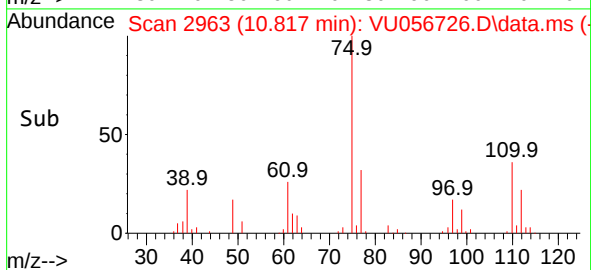
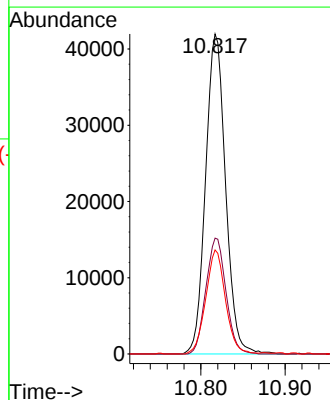
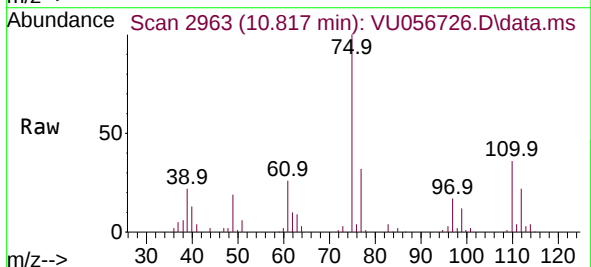
Instrument :
MSVOA_U
ClientSampleId :

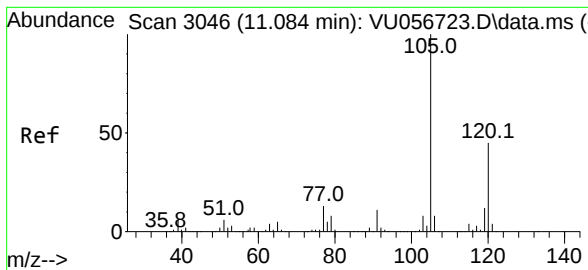
Tgt Ion:105 Resp: 530392
Ion Ratio Lower Upper
105 100
120 25.4 20.1 30.1
77 16.5 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.065 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

Tgt Ion: 75 Resp: 69341
Ion Ratio Lower Upper
75 100
110 36.2 28.4 42.6
77 32.0 26.3 39.5

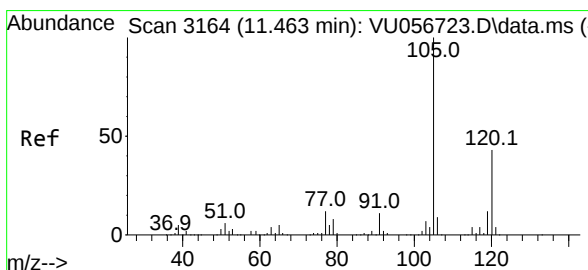
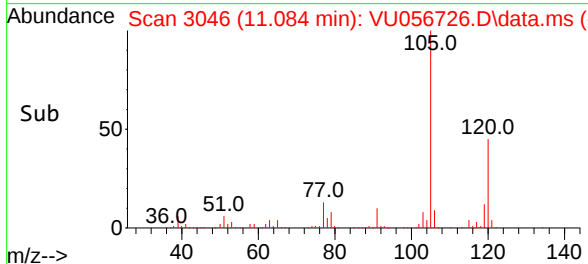
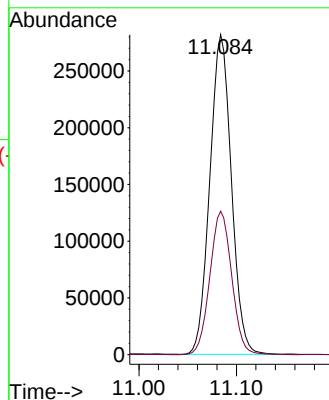
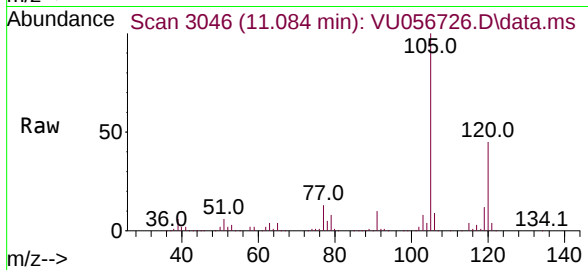




#62
 1,3,5-Trimethylbenzene
 Concen: 5.255 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU056726.D
 Acq: 11 Dec 2023 12:23

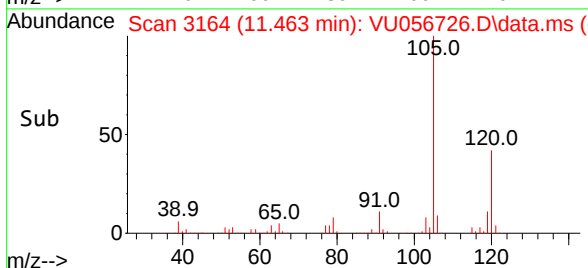
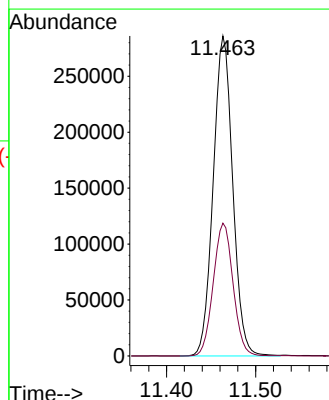
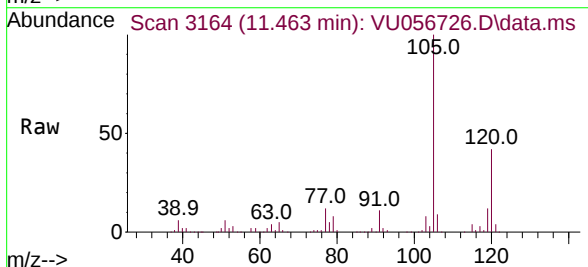
Instrument :
 MSVOA_U
 ClientSampleId :

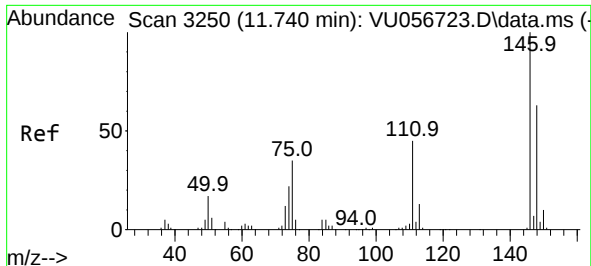
Tgt Ion:105 Resp: 432656
 Ion Ratio Lower Upper
 105 100
 120 45.5 36.8 55.2



#63
 1,2,4-Trimethylbenzene
 Concen: 5.327 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. -0.000 min
 Lab File: VU056726.D
 Acq: 11 Dec 2023 12:23

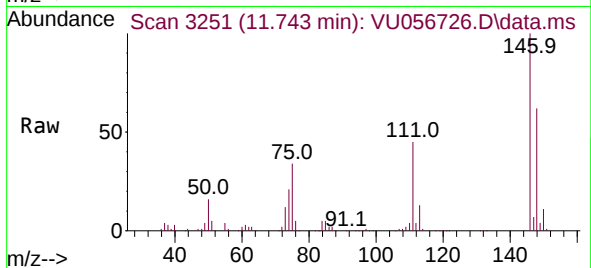
Tgt Ion:105 Resp: 435565
 Ion Ratio Lower Upper
 105 100
 120 42.2 34.2 51.4



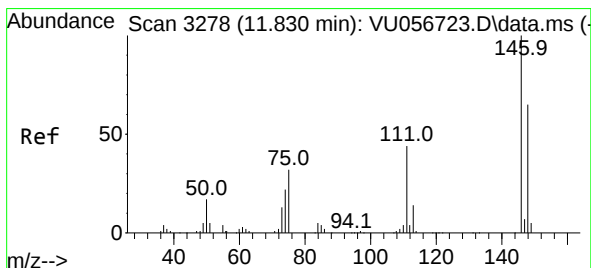
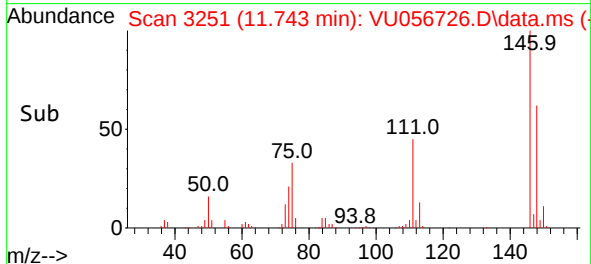
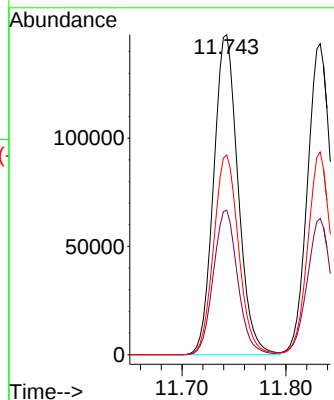


#64
1,3-Dichlorobenzene
Concen: 5.071 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

Instrument :
MSVOA_U
ClientSampleId :

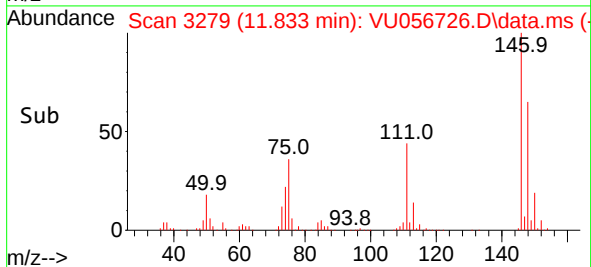
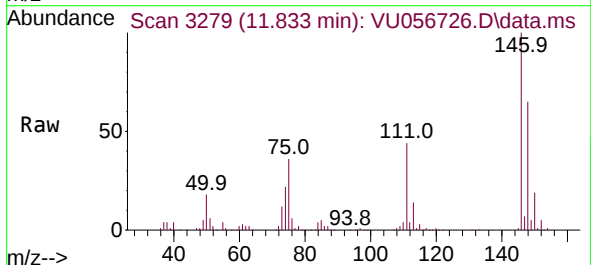
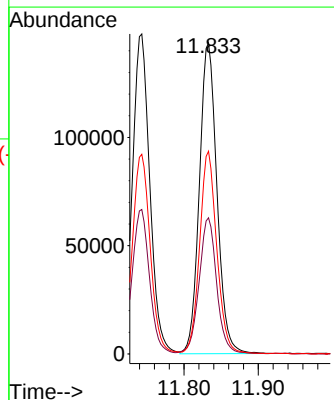


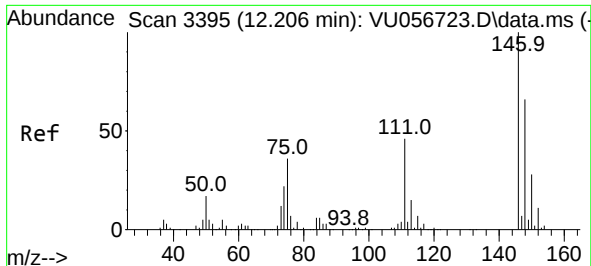
Tgt Ion:146 Resp: 241663
Ion Ratio Lower Upper
146 100
111 45.2 31.7 58.9
148 62.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.040 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU056726.D
Acq: 11 Dec 2023 12:23

Tgt Ion:146 Resp: 236473
Ion Ratio Lower Upper
146 100
111 43.8 31.2 58.0
148 65.2 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 4.987 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU056726.D

Acq: 11 Dec 2023 12:23

Instrument :

MSVOA_U

ClientSampleId :

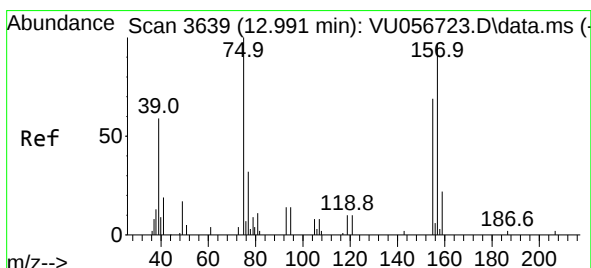
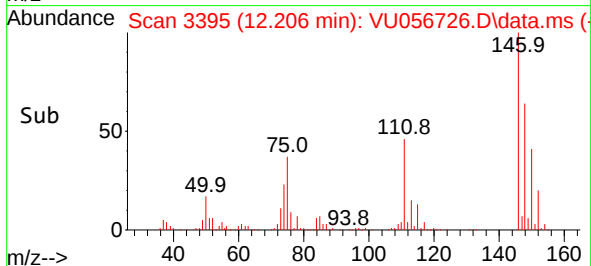
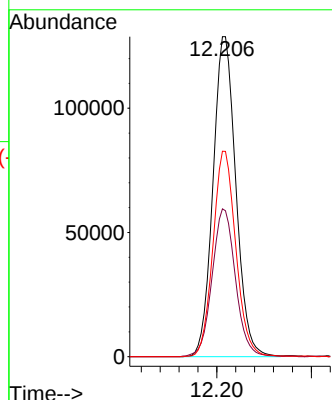
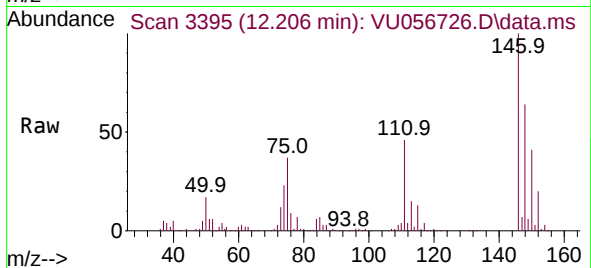
Tgt Ion:146 Resp: 216497

Ion Ratio Lower Upper

146 100

111 46.2 36.9 55.3

148 64.2 53.0 79.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.790 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU056726.D

Acq: 11 Dec 2023 12:23

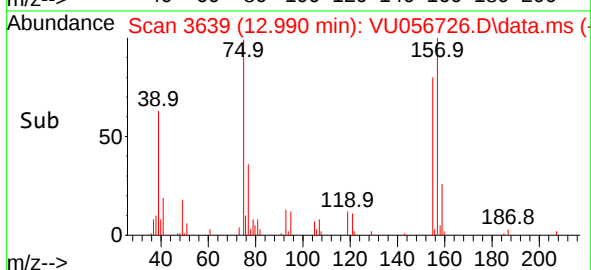
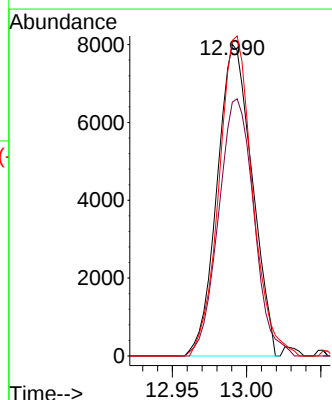
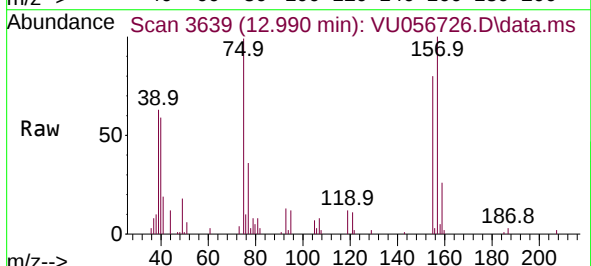
Tgt Ion: 75 Resp: 13091

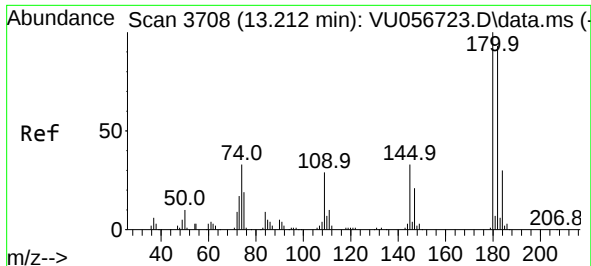
Ion Ratio Lower Upper

75 100

155 81.4 55.4 83.2

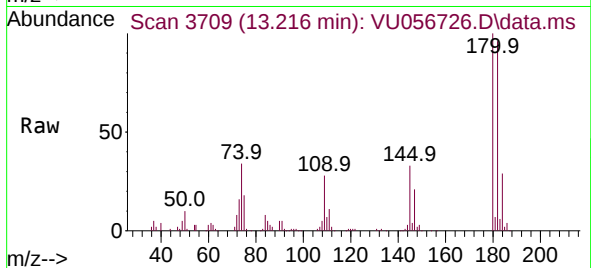
157 101.2 77.3 115.9



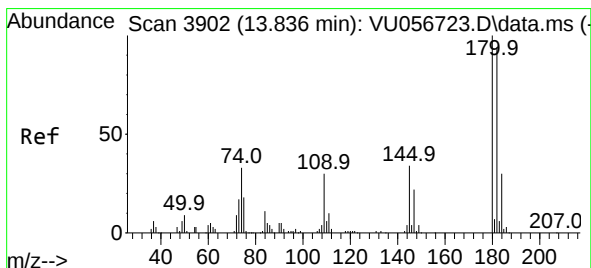
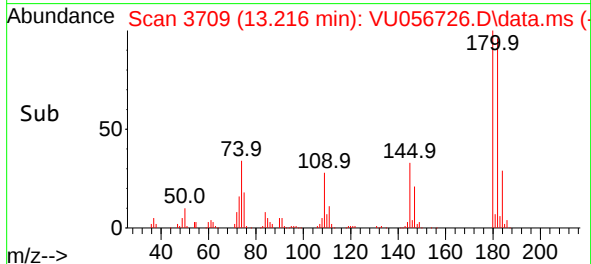
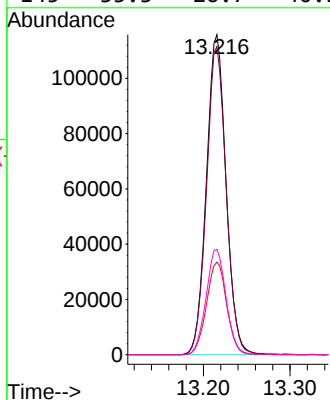


#69
 1,3,5-Trichlorobenzene
 Concen: 5.063 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.003 min
 Lab File: VU056726.D
 Acq: 11 Dec 2023 12:23

Instrument :
 MSVOA_U
 ClientSampleId :

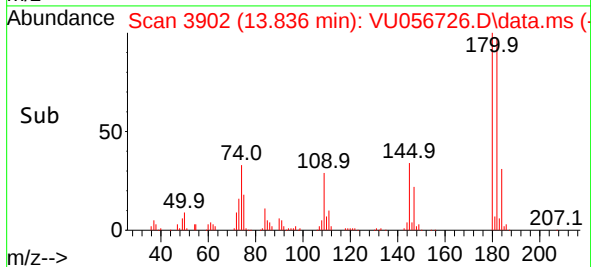
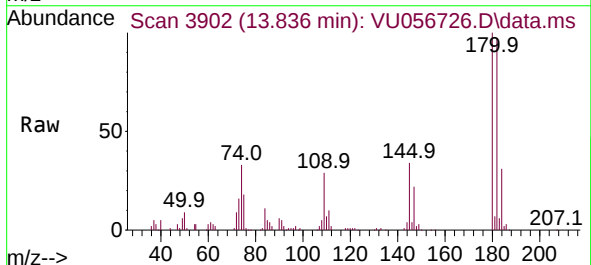
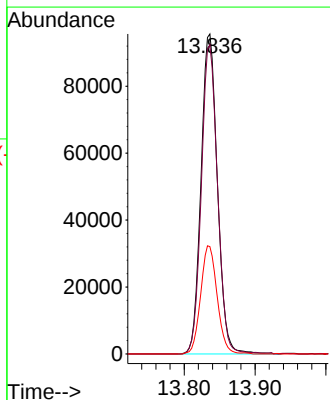


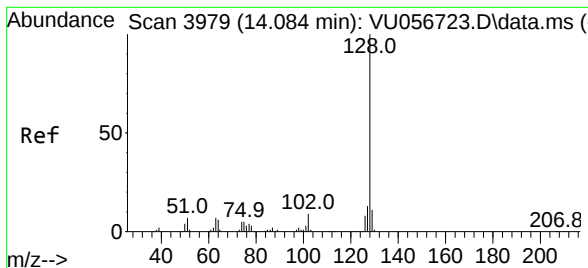
Tgt Ion:180 Resp: 182306
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.2 114.4
 184 29.8 24.6 37.0
 145 33.3 26.7 40.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.389 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU056726.D
 Acq: 11 Dec 2023 12:23

Tgt Ion:180 Resp: 153643
 Ion Ratio Lower Upper
 180 100
 182 95.2 74.3 111.5
 145 33.9 26.7 40.1





#71

Naphthalene

Concen: 5.894 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU056726.D

Acq: 11 Dec 2023 12:23

Instrument :

MSVOA_U

ClientSampleId :

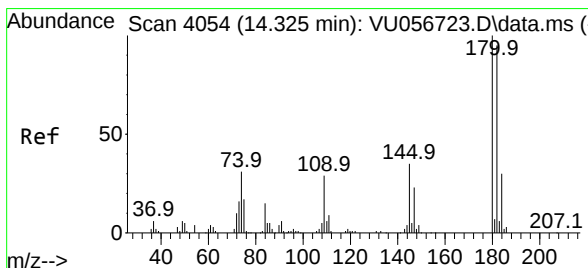
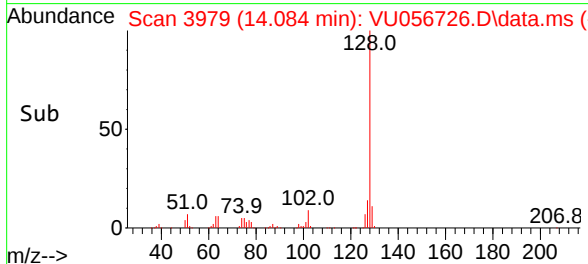
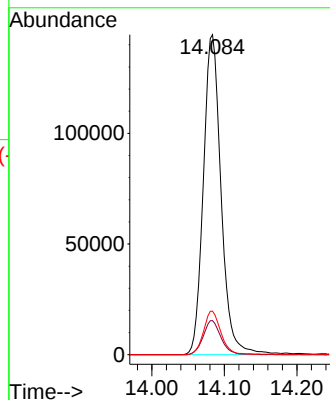
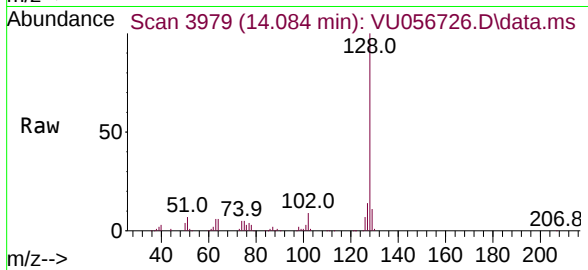
Tgt Ion:128 Resp: 245941

Ion Ratio Lower Upper

128 100

129 10.6 8.6 12.8

127 13.3 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 5.487 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU056726.D

Acq: 11 Dec 2023 12:23

Tgt Ion:180 Resp: 132831

Ion Ratio Lower Upper

180 100

182 95.4 75.0 112.6

145 35.7 28.6 42.8

