

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092023\
 Data File : U092023.D
 Acq On : 20 Sep 2023 19:44
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 21 00:32:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 21 00:26:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	266520	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.416	117	270766	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	154421	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	115948	4.304	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.000%	
7) Chloroethane-d5	1.911	69	104721	4.411	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.200%	
11) 1,1-Dichloroethene-d2	2.564	65	48182	4.346	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.000%	
20) 2-Butanone-d5	4.628	46	257690	52.963	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.920%	
24) Chloroform-d	5.059	84	246500	5.059	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
26) 1,2-Dichloroethane-d4	5.699	65	121670	5.191	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.800%	
32) Benzene-d6	5.724	84	483107	5.101	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
36) 1,2-Dichloropropane-d6	6.689	67	143856	5.084	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.600%	
41) Toluene-d8	7.895	98	441774	5.118	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.400%	
43) trans-1,3-Dichloroprop...	8.178	79	51947	5.231	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	104.600%	
46) 2-Hexanone-d5	8.631	63	160686	53.198	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.400%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	112301	5.295	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	160988	5.165	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.384	85	111756	4.307	ug/L	99
3) Chloromethane	1.516	50	99256	4.348	ug/L	99
5) Vinyl chloride	1.599	62	107786	4.377	ug/L	97
6) Bromomethane	1.856	94	69605	4.450	ug/L	97
8) Chloroethane	1.930	64	68094	4.237	ug/L	100
9) Trichlorofluoromethane	2.133	101	151987	4.451	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.577	101	92396	4.446	ug/L	98
12) 1,1-Dichloroethene	2.577	96	82113	4.407	ug/L	92
13) Acetone	2.641	43	111924	40.356	ug/L	97
14) Carbon disulfide	2.789	76	248081	4.429	ug/L	99
15) Methyl Acetate	2.953	43	28168	4.455	ug/L	95
16) Methylene chloride	3.040	84	106220	4.758	ug/L	96
17) Methyl tert-butyl Ether	3.358	73	184106	4.554	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	86134	4.586	ug/L	95
19) 1,1-Dichloroethane	3.866	63	158712	4.569	ug/L	98
21) 2-Butanone	4.708	43	177163	43.553	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	95308	4.377	ug/L	97
23) Bromochloromethane	4.972	128	40933	4.447	ug/L	98
25) Chloroform	5.085	83	170417	4.633	ug/L	98

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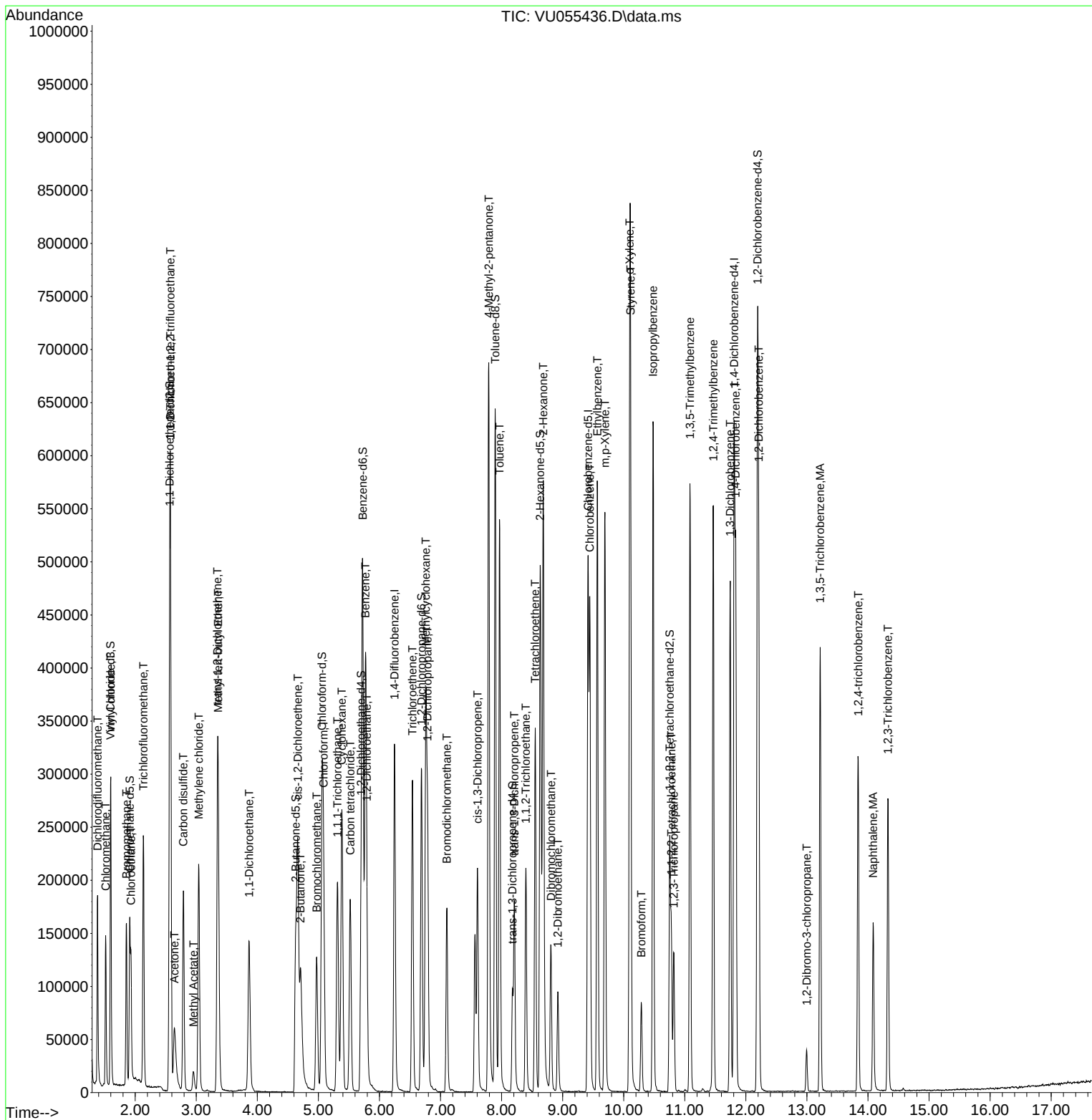
Instrument :
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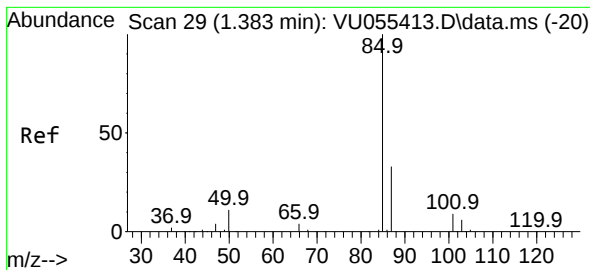
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	104720	4.643	ug/L	100
29) 1,1,1-Trichloroethane	5.313	97	144533	4.682	ug/L	98
30) Cyclohexane	5.384	56	125012	4.424	ug/L	98
31) Carbon tetrachloride	5.522	117	124845	4.719	ug/L	96
33) Benzene	5.769	78	367852	4.720	ug/L	100
34) Trichloroethene	6.541	95	100655	4.566	ug/L	97
35) Methylcyclohexane	6.760	83	139670	4.398	ug/L	99
37) 1,2-Dichloropropane	6.785	63	93353	4.580	ug/L	99
38) Bromodichloromethane	7.104	83	113491	4.752	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	126591	4.654	ug/L	99
40) 4-Methyl-2-pentanone	7.789	43	429376	46.443	ug/L	100
42) Toluene	7.965	91	397126	4.777	ug/L	99
44) trans-1,3-Dichloropropene	8.207	75	101989	4.686	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	67301	4.710	ug/L	95
47) Tetrachloroethene	8.551	164	73206	4.629	ug/L	96
48) 2-Hexanone	8.682	43	342900	47.856	ug/L	99
49) Dibromochloromethane	8.808	129	71890	4.799	ug/L	93
50) 1,2-Dibromoethane	8.920	107	63595	4.795	ug/L #	96
51) Chlorobenzene	9.444	112	246448	4.629	ug/L	98
52) Ethylbenzene	9.567	91	407079	4.568	ug/L	98
53) m,p-Xylene	9.692	106	159389	4.773	ug/L	100
54) o-Xylene	10.097	106	151769	4.674	ug/L	95
55) Styrene	10.113	104	254269	4.843	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.779	83	74460	4.616	ug/L	97
59) Bromoform	10.287	173	37443	4.524	ug/L	99
60) Isopropylbenzene	10.480	105	402009	4.517	ug/L	99
61) 1,2,3-Trichloropropane	10.821	75	55775	4.627	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	317229	4.457	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	312284	4.483	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	190349	4.467	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	192206	4.513	ug/L	98
67) 1,2-Dichlorobenzene	12.210	146	179113	4.585	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	10164	4.864	ug/L	87
69) 1,3,5-Trichlorobenzene	13.216	180	124249	4.234	ug/L	98
70) 1,2,4-trichlorobenzene	13.840	180	96379	4.308	ug/L	98
71) Naphthalene	14.084	128	130735	4.037	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	82325	4.229	ug/L	99

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

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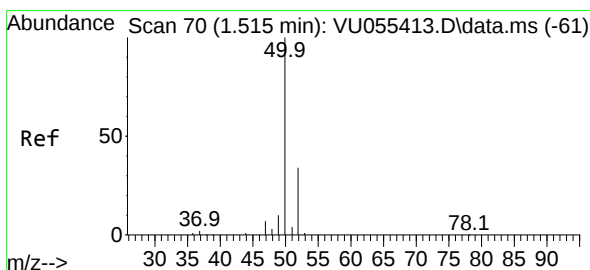
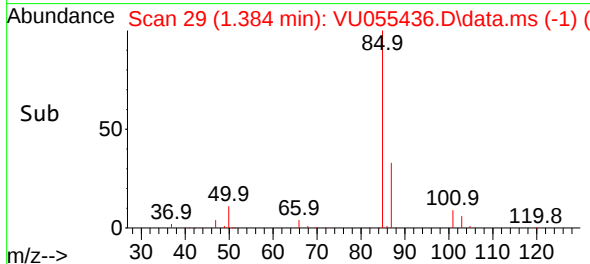
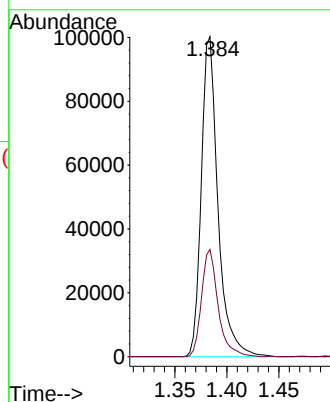
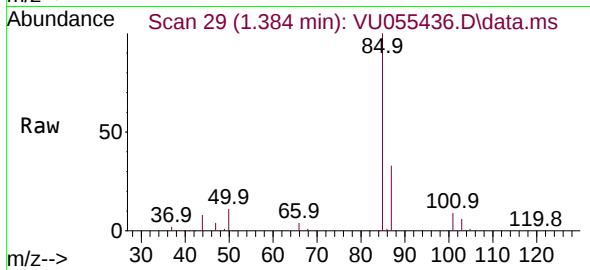




#2
 Dichlorodifluoromethane
 Concen: 4.307 ug/L
 RT: 1.384 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055436.D
 Acq: 20 Sep 2023 19:44

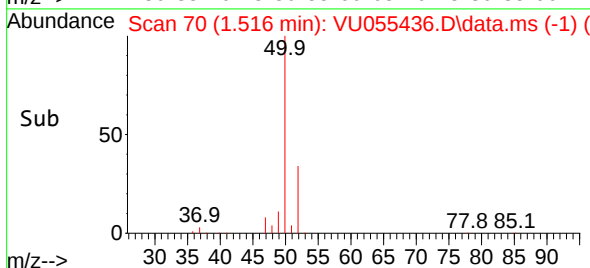
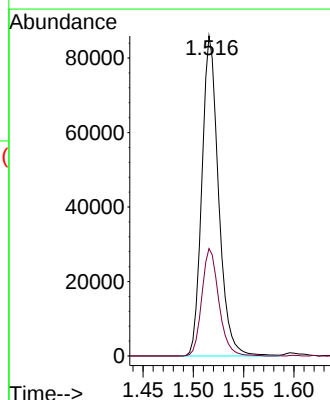
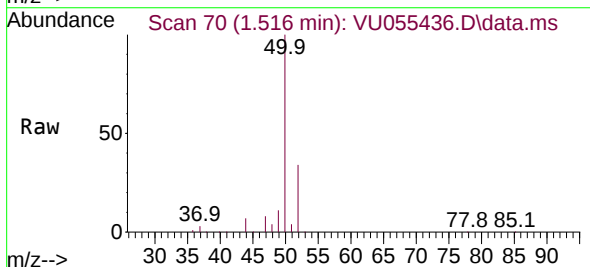
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 ClientSampleId :

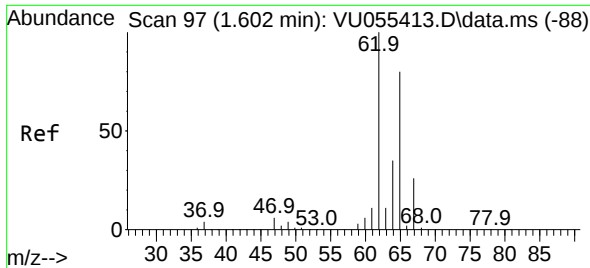
Tgt Ion: 85 Resp: 111756
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.0 39.0



#3
 Chloromethane
 Concen: 4.348 ug/L
 RT: 1.516 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU055436.D
 Acq: 20 Sep 2023 19:44

Tgt Ion: 50 Resp: 99256
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.9 42.5

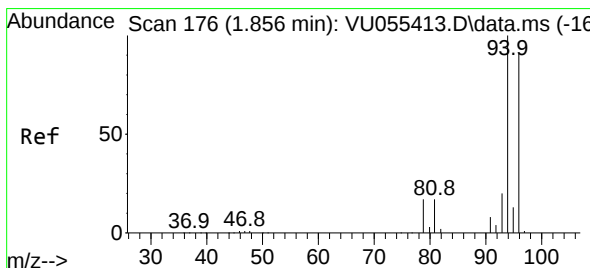
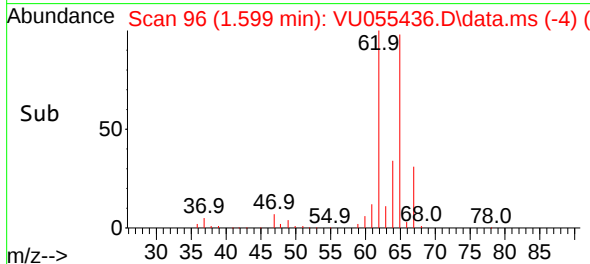
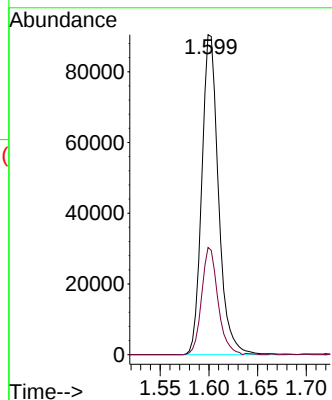
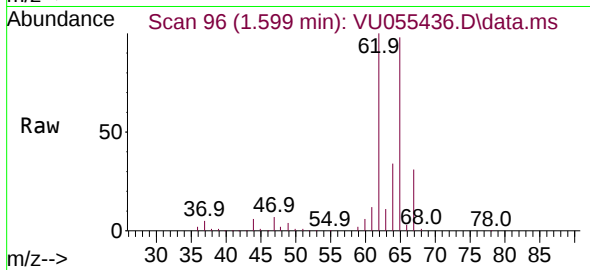




#5
 Vinyl chloride
 Concen: 4.377 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU055436.D
 Acq: 20 Sep 2023 19:44

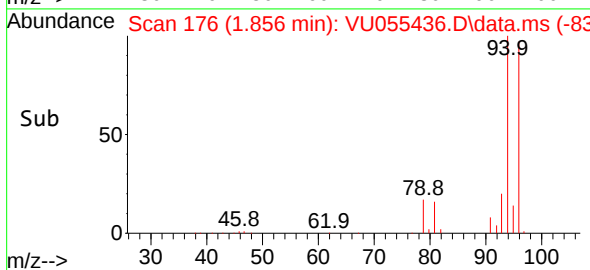
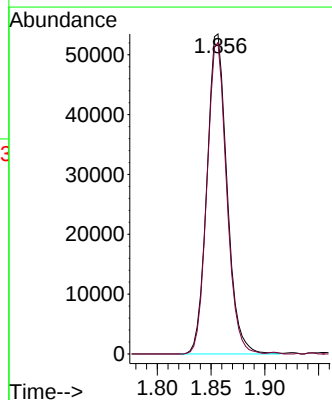
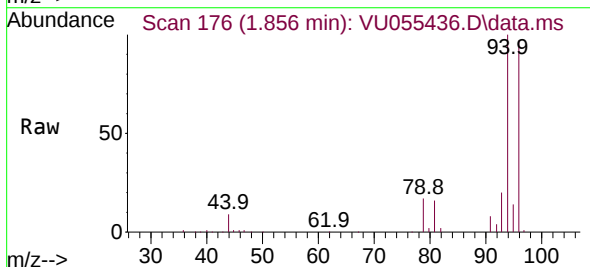
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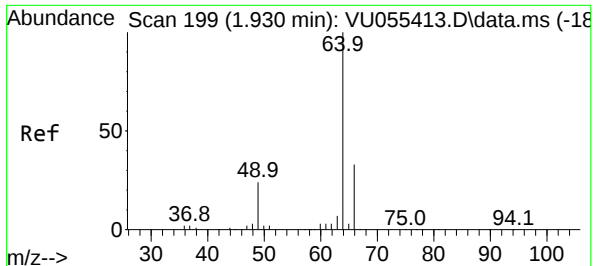
Tgt Ion: 62 Resp: 107786
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.3 41.5



#6
 Bromomethane
 Concen: 4.450 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU055436.D
 Acq: 20 Sep 2023 19:44

Tgt Ion: 94 Resp: 69605
 Ion Ratio Lower Upper
 94 100
 96 97.3 66.4 123.2

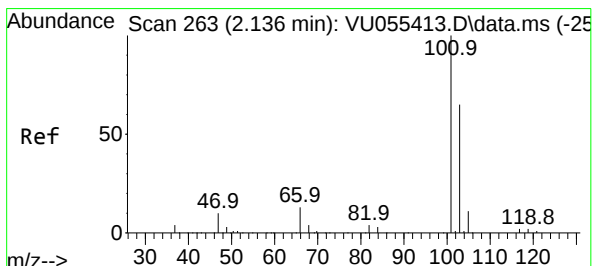
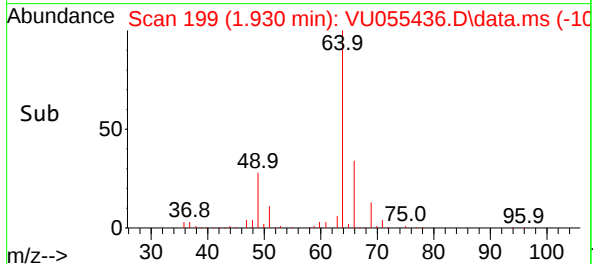
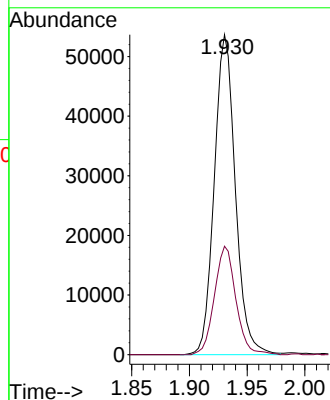
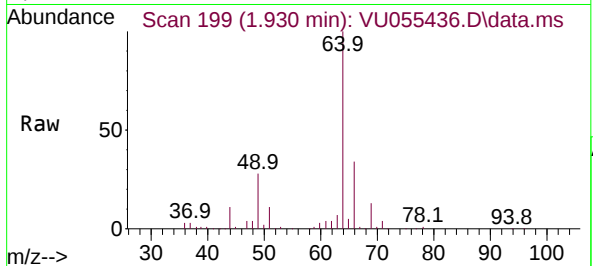




#8
Chloroethane
Concen: 4.237 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

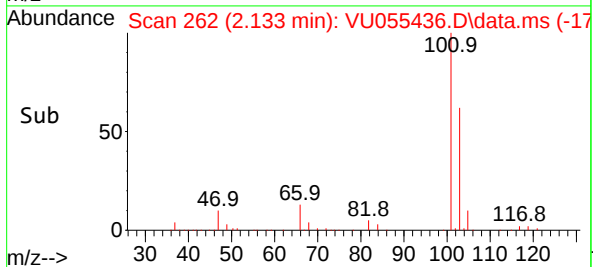
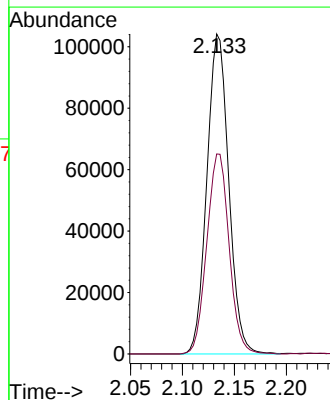
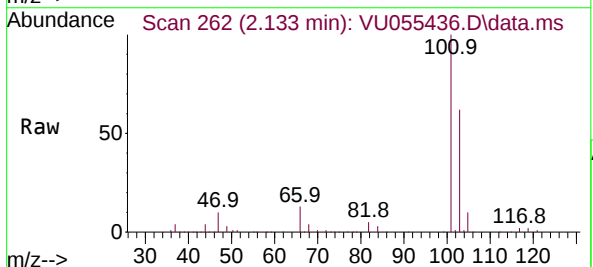
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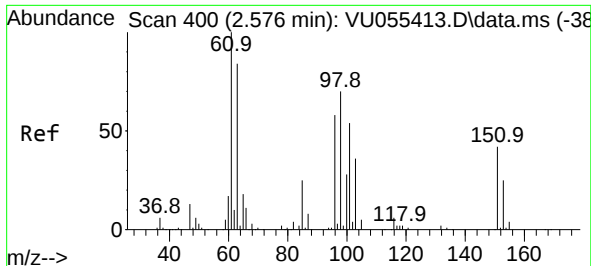
Tgt Ion: 64 Resp: 68094
Ion Ratio Lower Upper
64 100
66 33.9 23.7 44.1



#9
Trichlorofluoromethane
Concen: 4.451 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

Tgt Ion:101 Resp: 151987
Ion Ratio Lower Upper
101 100
103 63.9 52.0 78.0

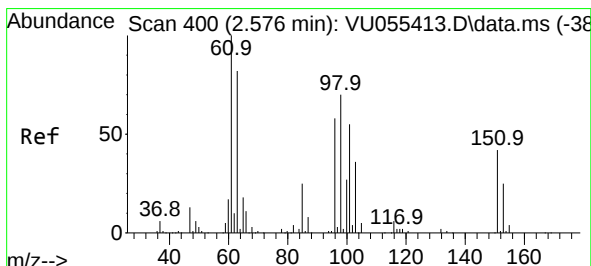
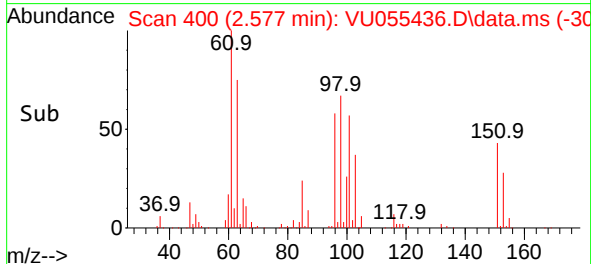
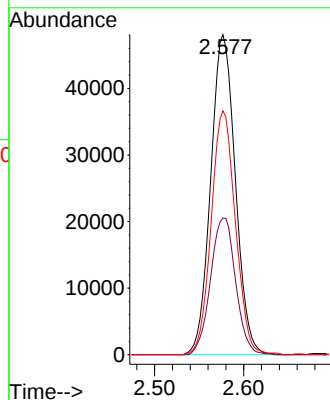
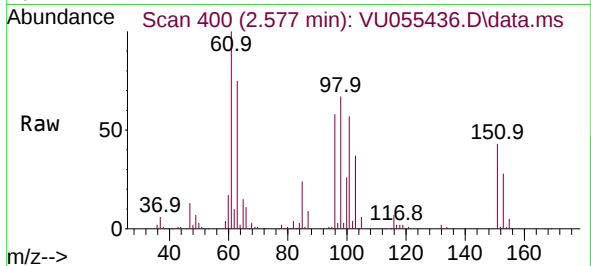




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.446 ug/L
 RT: 2.577 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055436.D
 Acq: 20 Sep 2023 19:44

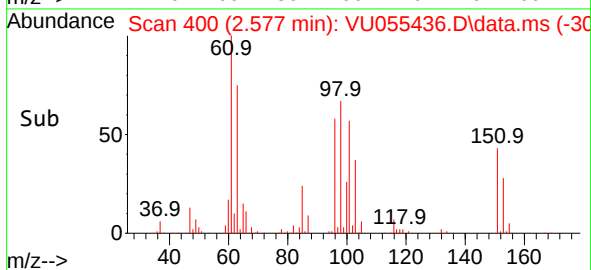
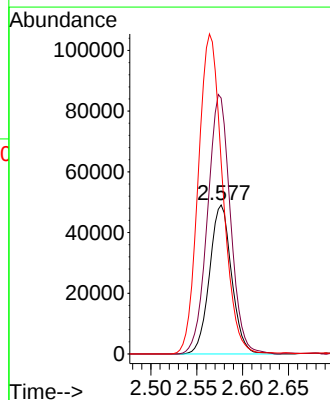
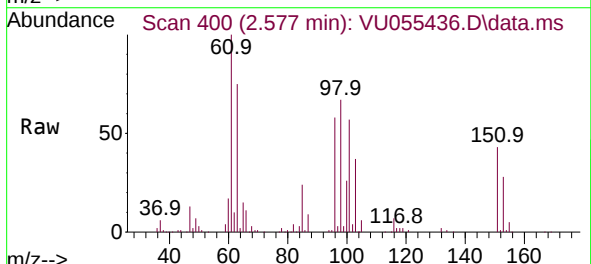
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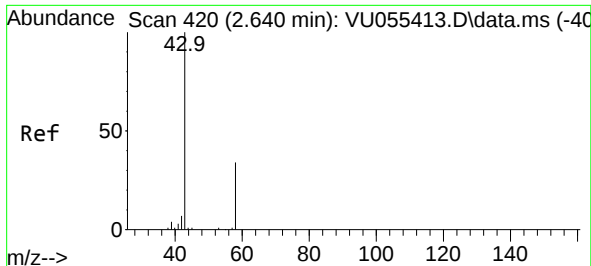
Tgt Ion:101 Resp: 92396
 Ion Ratio Lower Upper
 101 100
 85 43.4 35.8 53.6
 151 74.9 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 4.407 ug/L
 RT: 2.577 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055436.D
 Acq: 20 Sep 2023 19:44

Tgt Ion: 96 Resp: 82113
 Ion Ratio Lower Upper
 96 100
 61 171.8 114.5 212.7
 63 128.9 98.3 182.5





#13

Acetone

Concen: 40.356 ug/L

RT: 2.641 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU055436.D

Acq: 20 Sep 2023 19:44

Instrument :

MSVOA_U

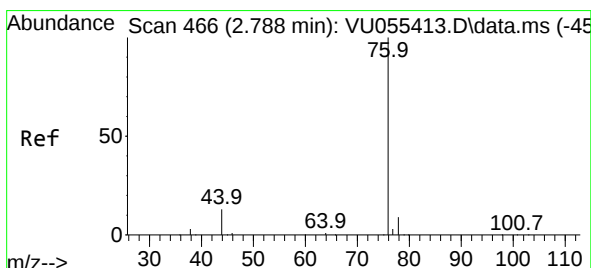
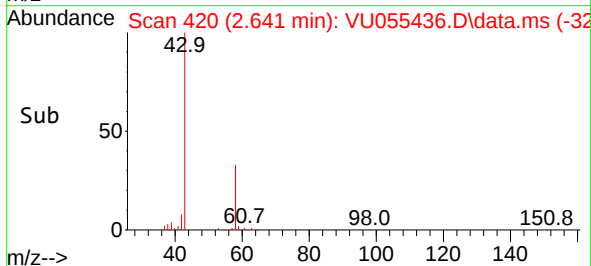
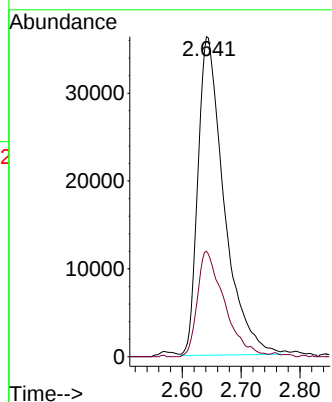
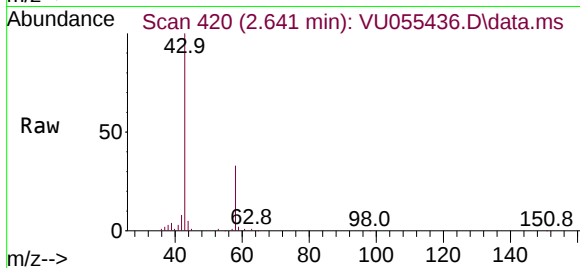
ClientSampleId :

Tgt Ion: 43 Resp: 111924

Ion Ratio Lower Upper

43 100

58 34.3 0.0 72.2



#14

Carbon disulfide

Concen: 4.429 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU055436.D

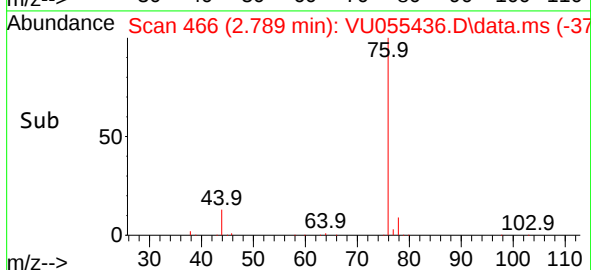
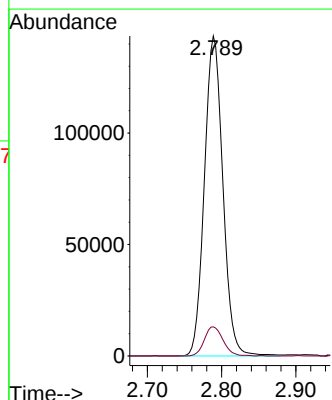
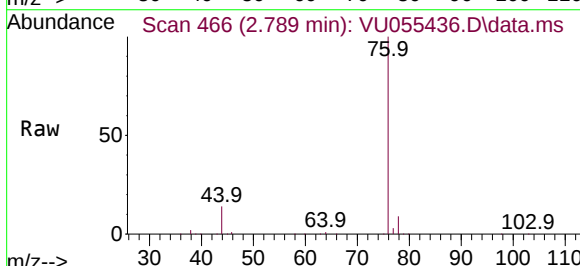
Acq: 20 Sep 2023 19:44

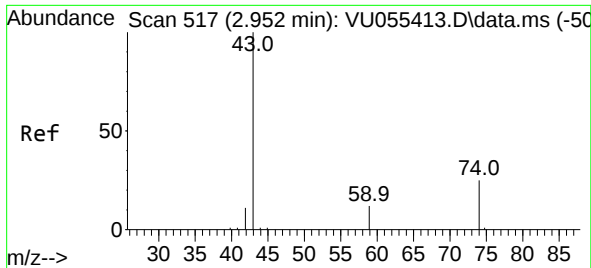
Tgt Ion: 76 Resp: 248081

Ion Ratio Lower Upper

76 100

78 9.1 7.7 11.5

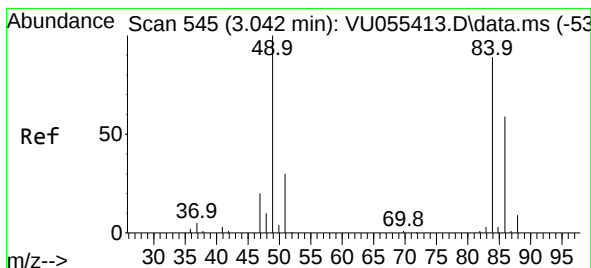
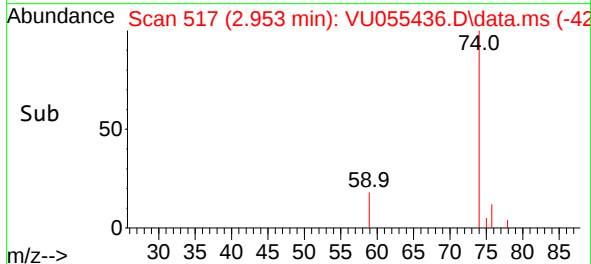
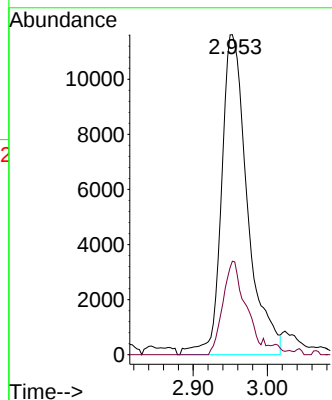
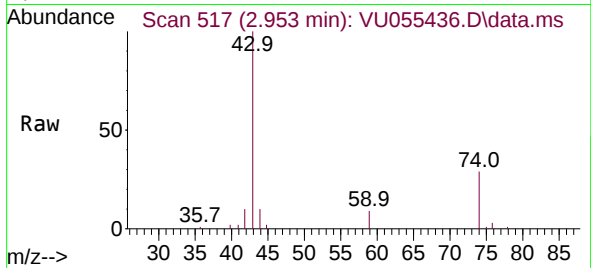




#15
Methyl Acetate
Concen: 4.455 ug/L
RT: 2.953 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

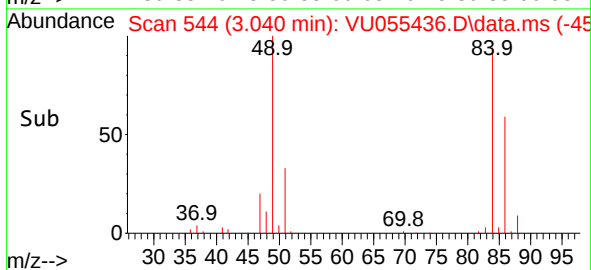
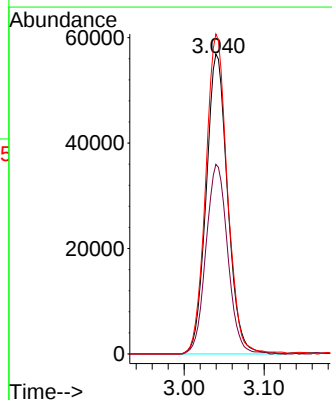
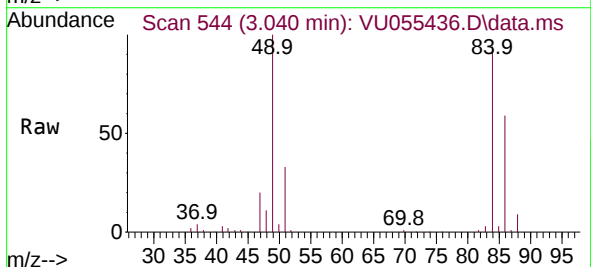
Instrument :
MSVOA_U
ClientSampleId :

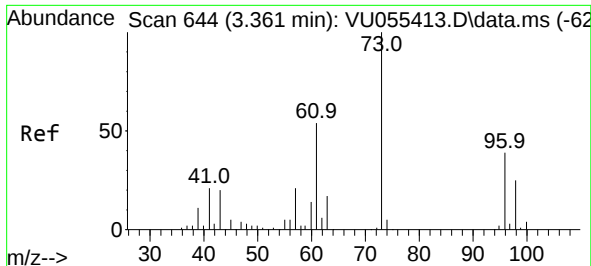
Tgt Ion: 43 Resp: 28168
Ion Ratio Lower Upper
43 100
74 25.3 22.3 33.5



#16
Methylene chloride
Concen: 4.758 ug/L
RT: 3.040 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

Tgt Ion: 84 Resp: 106220
Ion Ratio Lower Upper
84 100
86 63.2 44.9 83.3
49 106.7 78.8 146.3





#17

Methyl tert-butyl Ether

Concen: 4.554 ug/L

RT: 3.358 min Scan# 64

Delta R.T. -0.003 min

Lab File: VU055436.D

Acq: 20 Sep 2023 19:44

Instrument :

MSVOA_U

ClientSampleId :

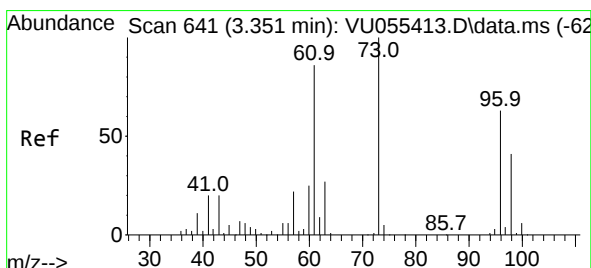
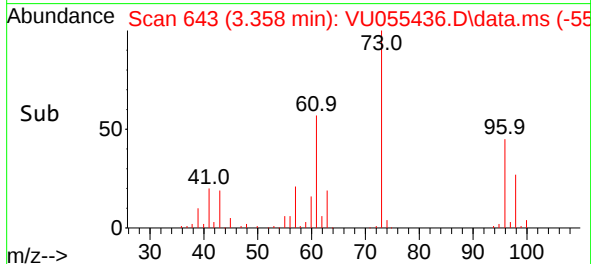
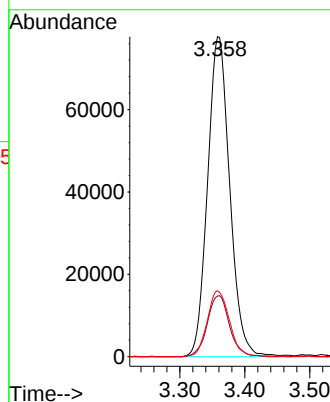
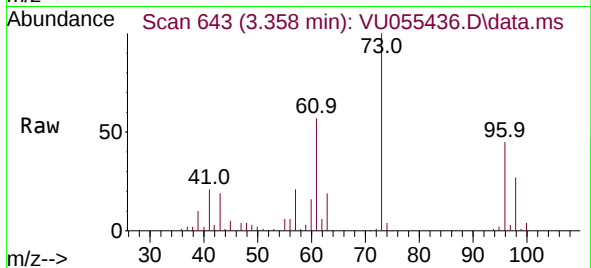
Tgt Ion: 73 Resp: 184106

Ion Ratio Lower Upper

73 100

43 19.2 14.9 22.3

57 20.6 17.3 25.9



#18

trans-1,2-Dichloroethene

Concen: 4.586 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.003 min

Lab File: VU055436.D

Acq: 20 Sep 2023 19:44

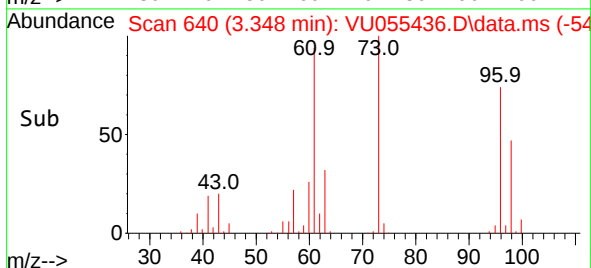
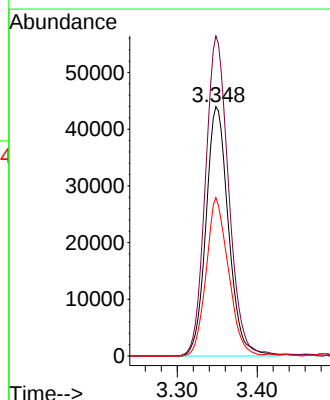
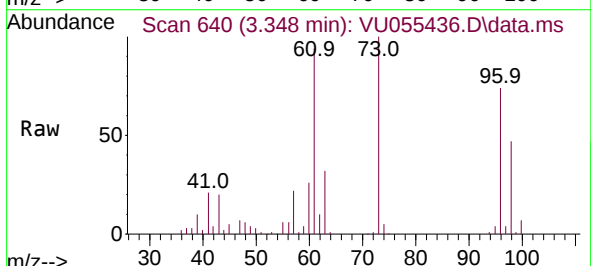
Tgt Ion: 96 Resp: 86134

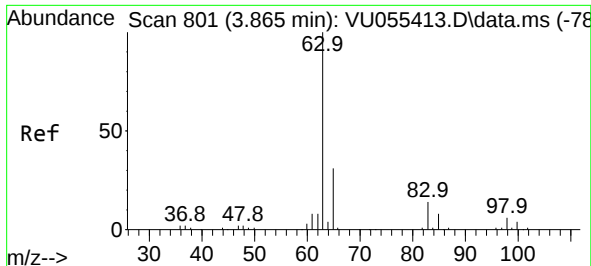
Ion Ratio Lower Upper

96 100

61 128.4 94.6 175.6

98 63.5 45.7 84.9





#19

1,1-Dichloroethane

Concen: 4.569 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU055436.D

Acq: 20 Sep 2023 19:44

Instrument :

MSVOA_U

ClientSampleId :

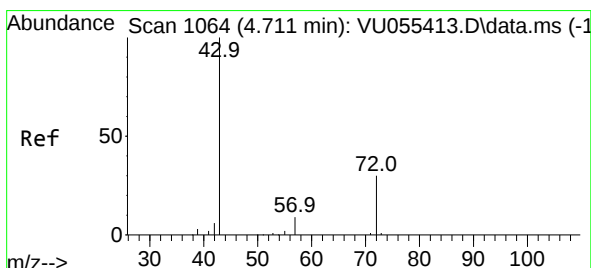
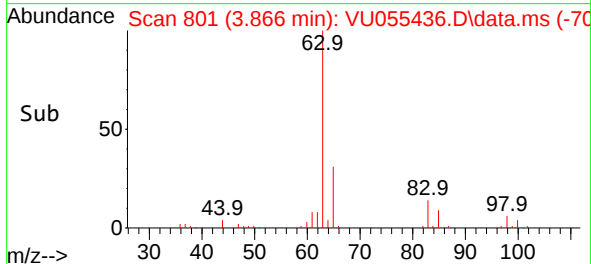
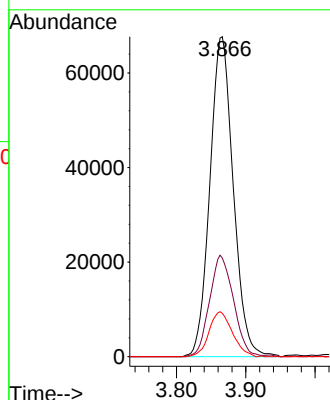
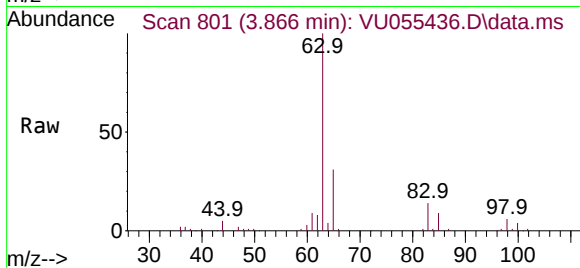
Tgt Ion: 63 Resp: 158712

Ion Ratio Lower Upper

63 100

65 30.8 22.0 41.0

83 13.5 10.1 18.9



#21

2-Butanone

Concen: 43.553 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. -0.003 min

Lab File: VU055436.D

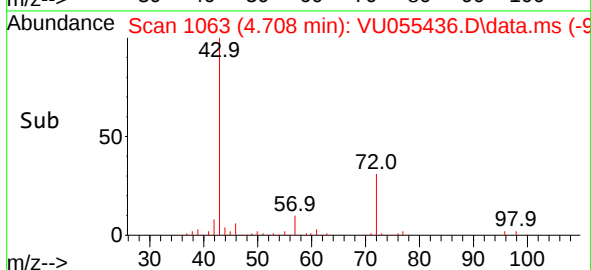
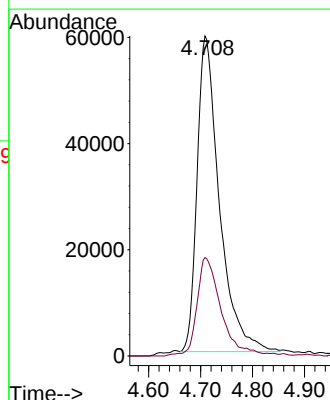
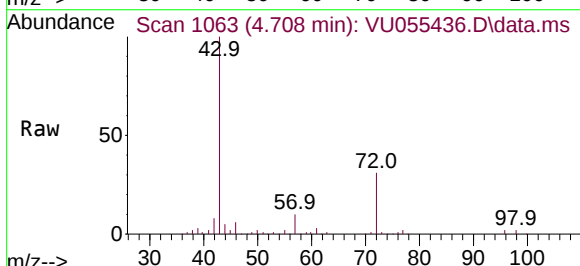
Acq: 20 Sep 2023 19:44

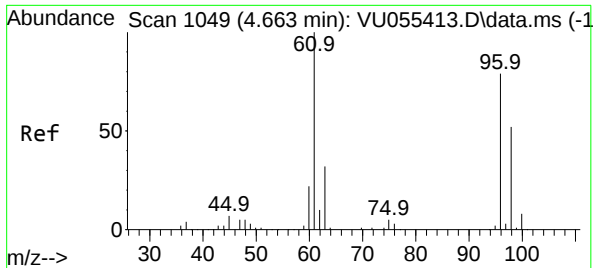
Tgt Ion: 43 Resp: 177163

Ion Ratio Lower Upper

43 100

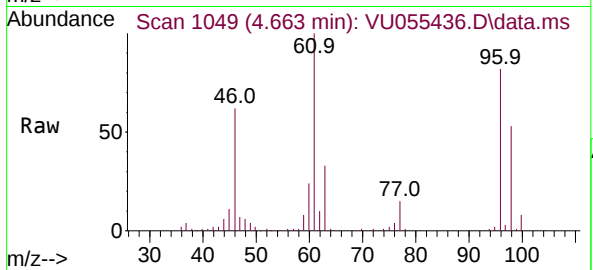
72 33.4 15.1 45.3



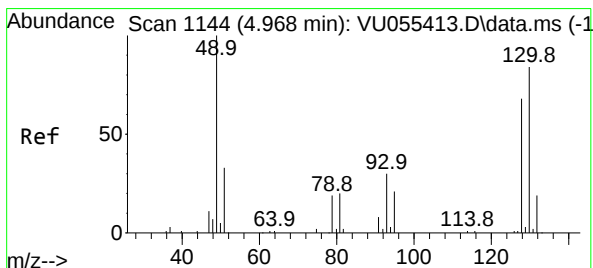
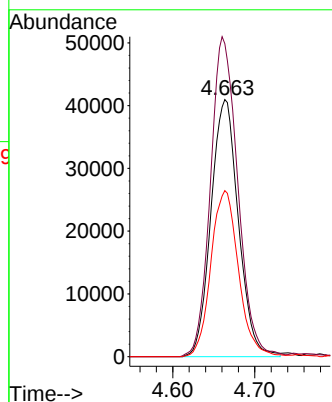
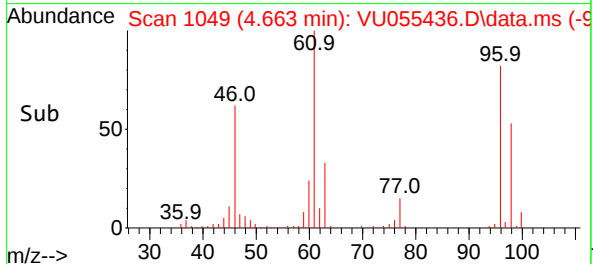


#22
 cis-1,2-Dichloroethene
 Concen: 4.377 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055436.D
 Acq: 20 Sep 2023 19:44

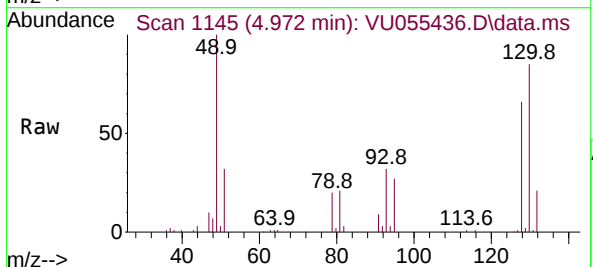
Instrument :
 MSVOA_U
 ClientSampleId :



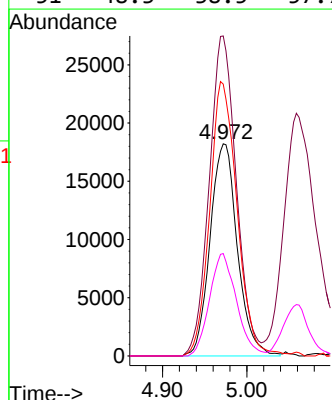
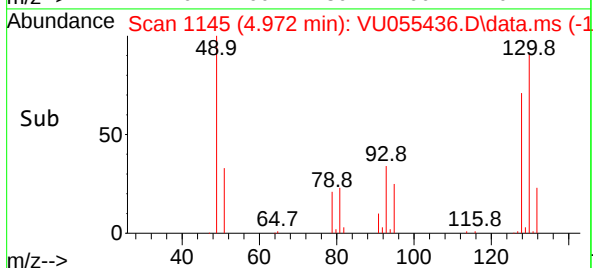
Tgt Ion:	96	Resp:	95308
Ion	Ratio	Lower	Upper
96	100		
61	121.7	87.8	163.2
98	64.6	44.4	82.4

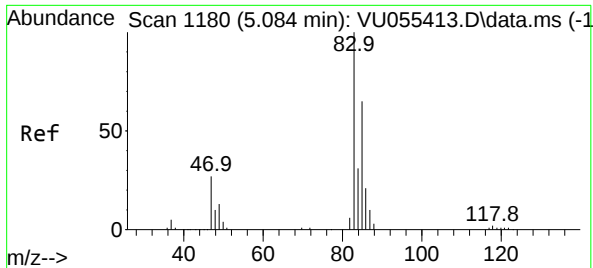


#23
 Bromochloromethane
 Concen: 4.447 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.004 min
 Lab File: VU055436.D
 Acq: 20 Sep 2023 19:44



Tgt Ion:	128	Resp:	40933
Ion	Ratio	Lower	Upper
128	100		
49	150.9	102.8	191.0
130	128.2	89.9	166.9
51	48.3	38.5	57.7

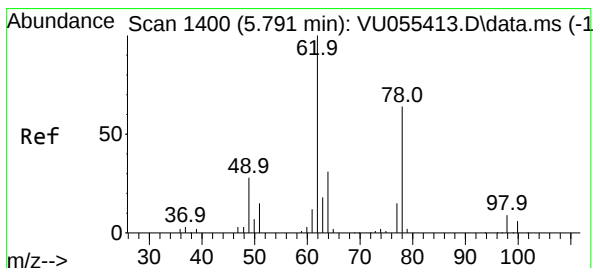
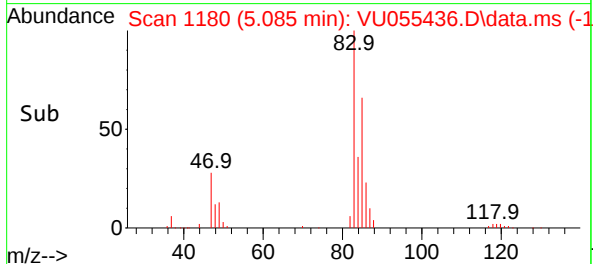
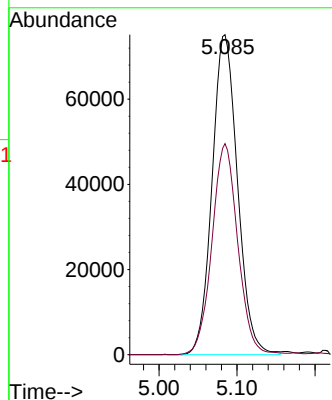
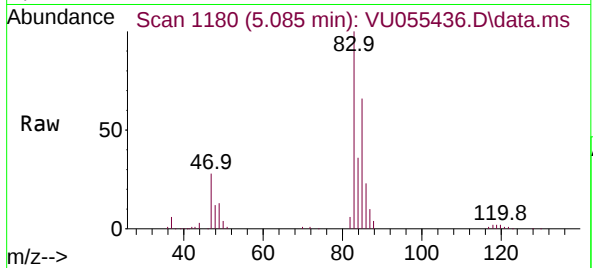




#25
Chloroform
Concen: 4.633 ug/L
RT: 5.085 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

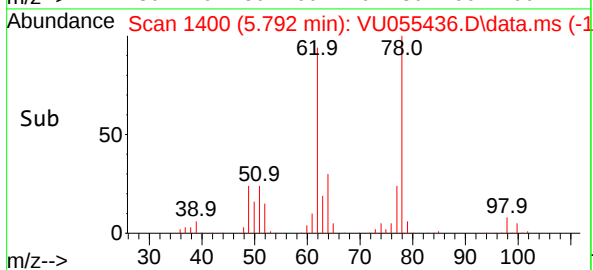
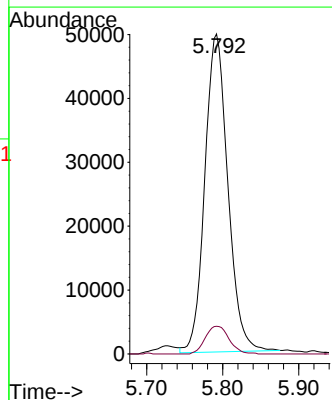
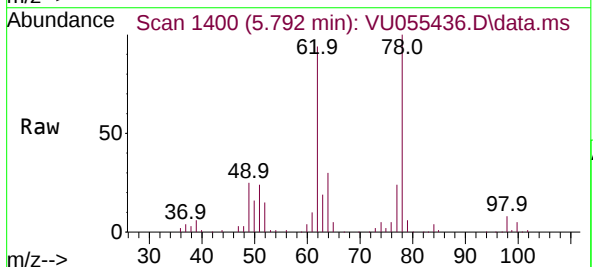
Instrument :
MSVOA_U
ClientSampleId :

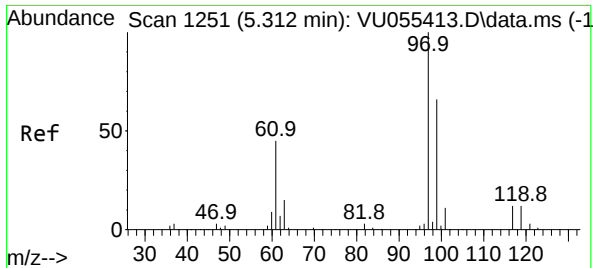
Tgt Ion: 83 Resp: 170417
Ion Ratio Lower Upper
83 100
85 66.0 44.9 83.5



#27
1,2-Dichloroethane
Concen: 4.643 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

Tgt Ion: 62 Resp: 104720
Ion Ratio Lower Upper
62 100
98 8.7 7.0 10.4

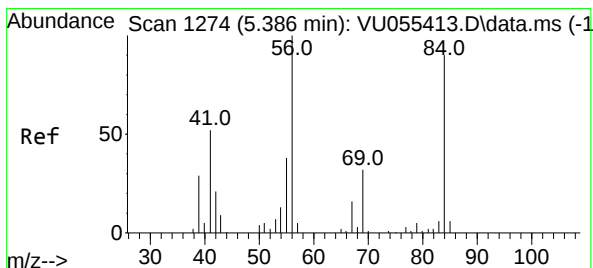
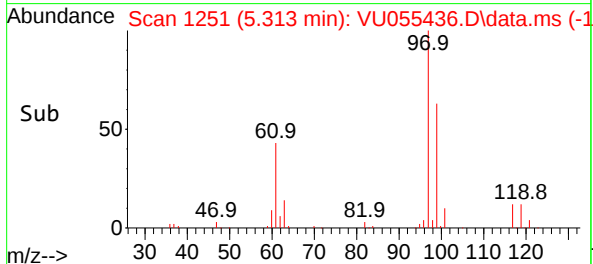
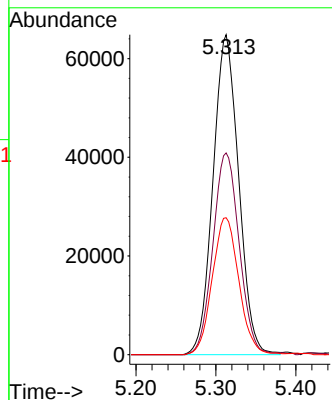
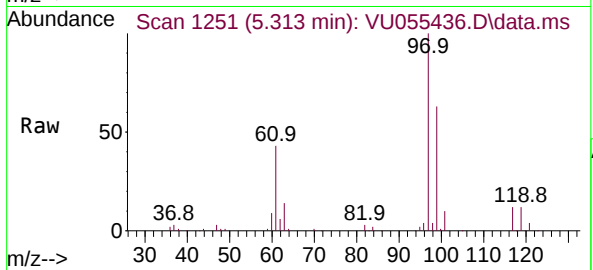




#29
1,1,1-Trichloroethane
Concen: 4.682 ug/L
RT: 5.313 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

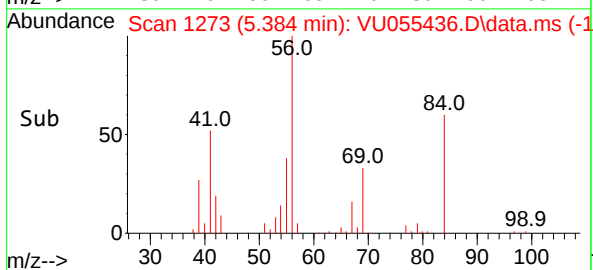
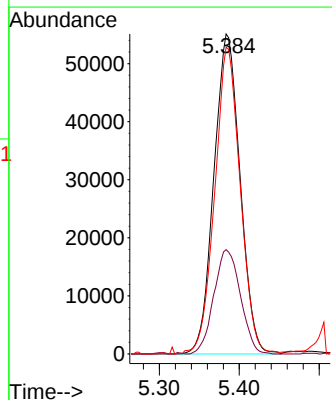
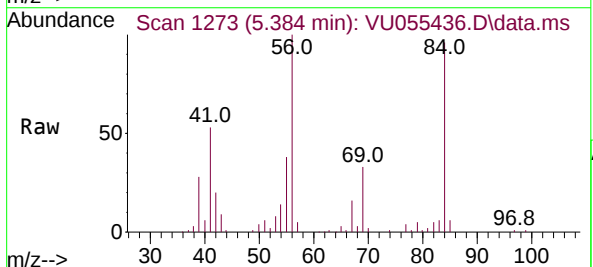
Instrument :
MSVOA_U
ClientSampleId :

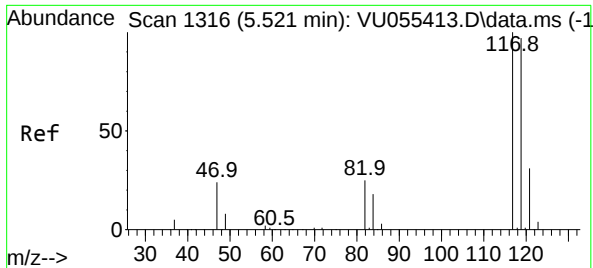
Tgt Ion: 97 Resp: 144533
Ion Ratio Lower Upper
97 100
99 64.6 50.7 76.1
61 44.3 34.6 51.8



#30
Cyclohexane
Concen: 4.424 ug/L
RT: 5.384 min Scan# 1273
Delta R.T. -0.003 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

Tgt Ion: 56 Resp: 125012
Ion Ratio Lower Upper
56 100
69 33.1 26.5 39.7
84 92.9 72.6 108.8

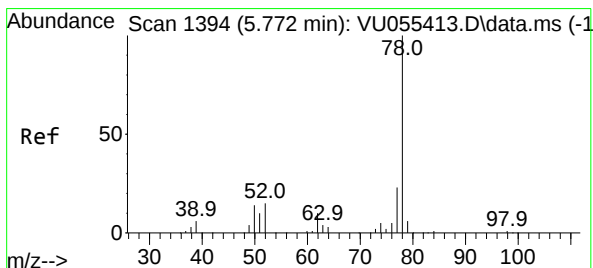
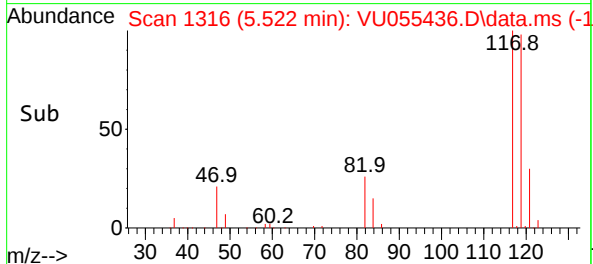
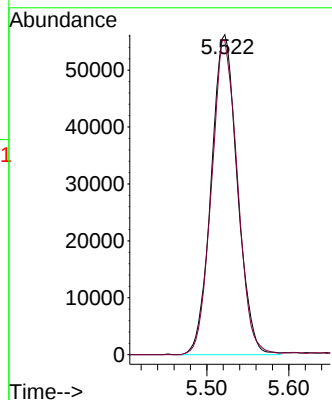
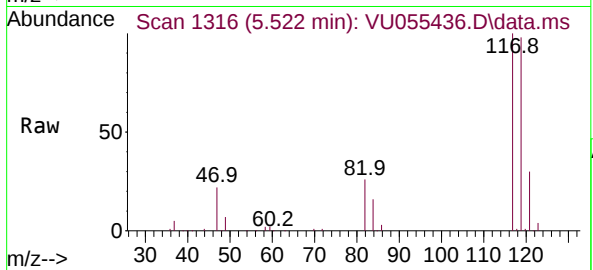




#31
Carbon tetrachloride
Concen: 4.719 ug/L
RT: 5.522 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

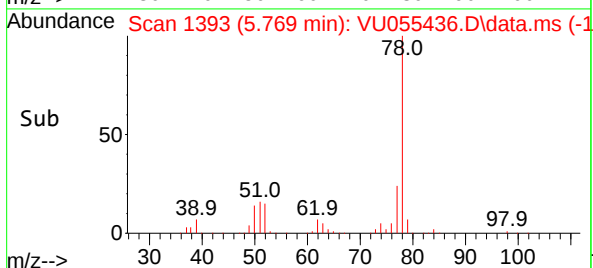
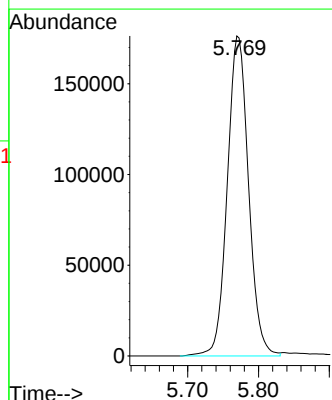
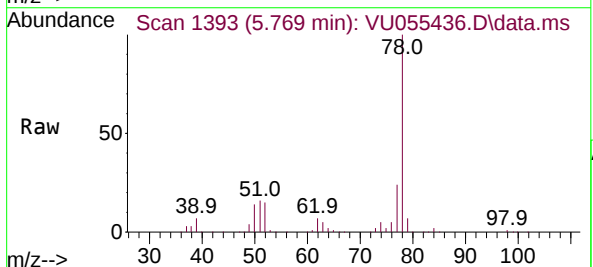
Instrument :
MSVOA_U
ClientSampleId :

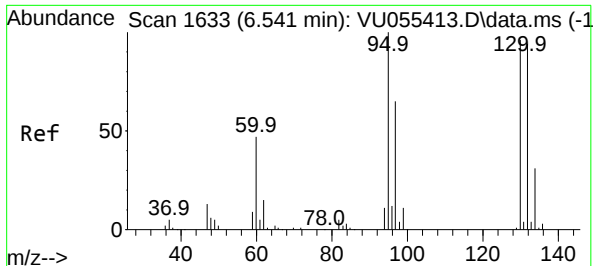
Tgt Ion:117 Resp: 124845
Ion Ratio Lower Upper
117 100
119 97.5 75.2 112.8



#33
Benzene
Concen: 4.720 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.003 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

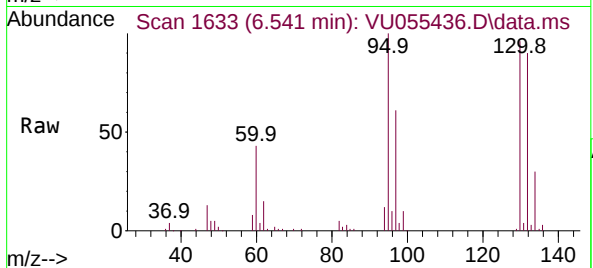
Tgt Ion: 78 Resp: 367852



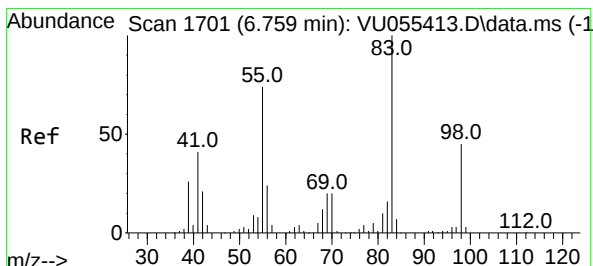
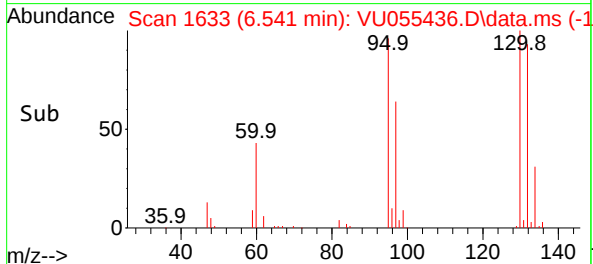
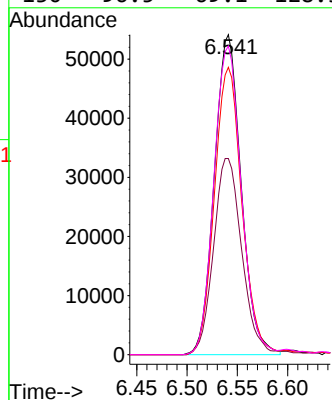


#34
Trichloroethene
Concen: 4.566 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

Instrument :
MSVOA_U
ClientSampleId :

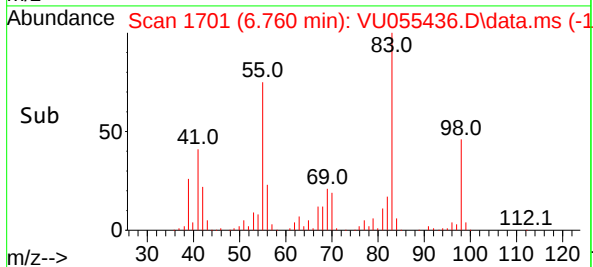
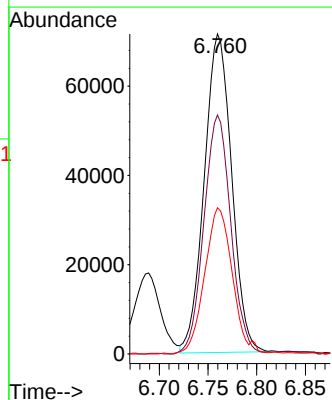
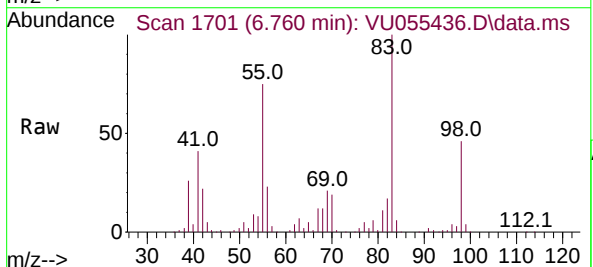


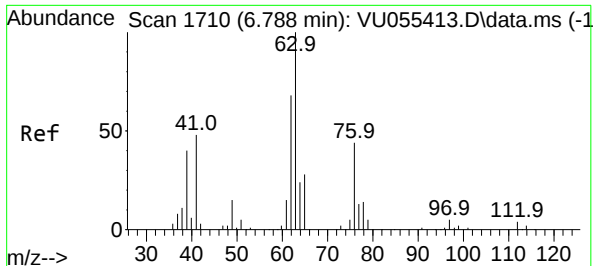
Tgt Ion: 95 Resp: 100655
Ion Ratio Lower Upper
95 100
97 61.3 45.4 84.2
132 89.8 65.2 121.2
130 96.5 69.1 128.3



#35
Methylcyclohexane
Concen: 4.398 ug/L
RT: 6.760 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

Tgt Ion: 83 Resp: 139670
Ion Ratio Lower Upper
83 100
55 73.7 59.1 88.7
98 46.4 36.3 54.5





#37

1,2-Dichloropropane

Concen: 4.580 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU055436.D

Acq: 20 Sep 2023 19:44

Instrument :

MSVOA_U

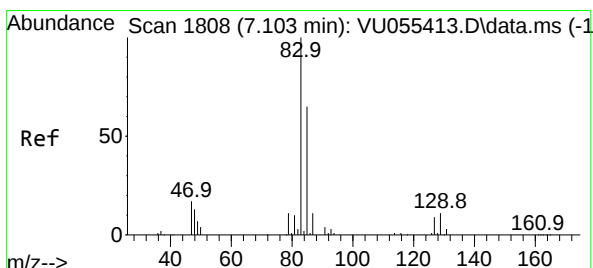
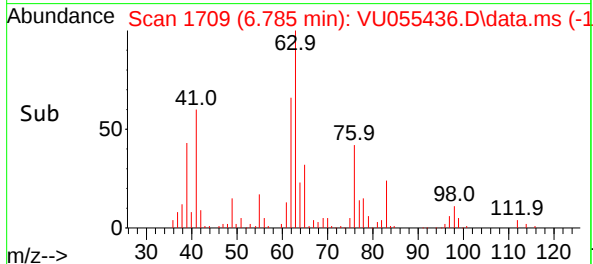
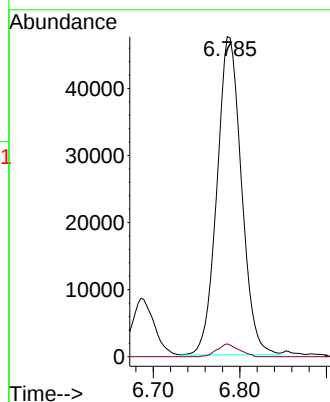
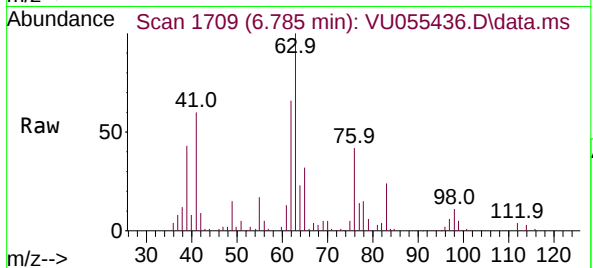
ClientSampleId :

Tgt Ion: 63 Resp: 93353

Ion Ratio Lower Upper

63 100

112 3.5 3.0 4.6



#38

Bromodichloromethane

Concen: 4.752 ug/L

RT: 7.104 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU055436.D

Acq: 20 Sep 2023 19:44

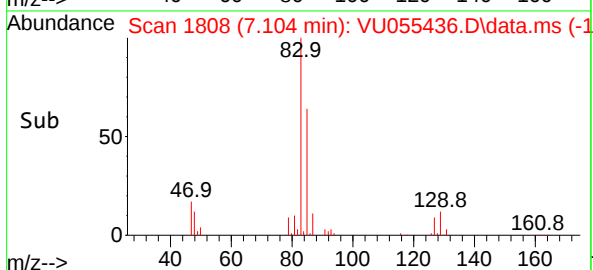
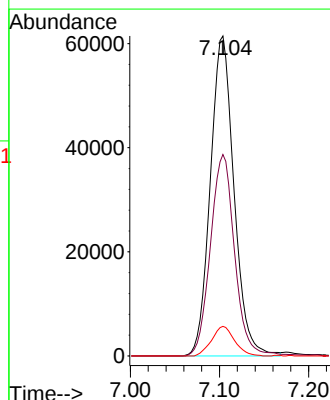
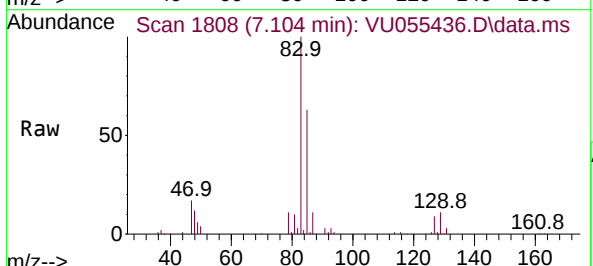
Tgt Ion: 83 Resp: 113491

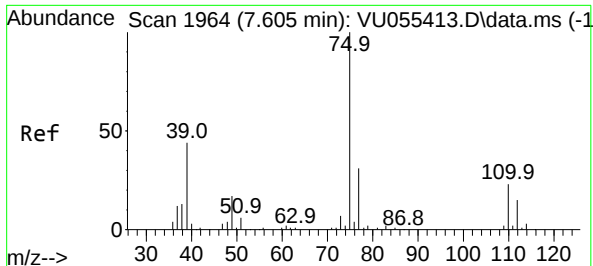
Ion Ratio Lower Upper

83 100

85 63.0 46.8 86.8

127 9.3 7.2 10.8

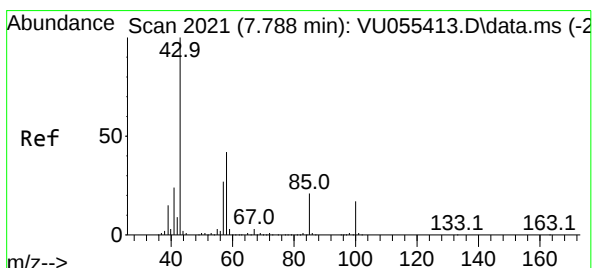
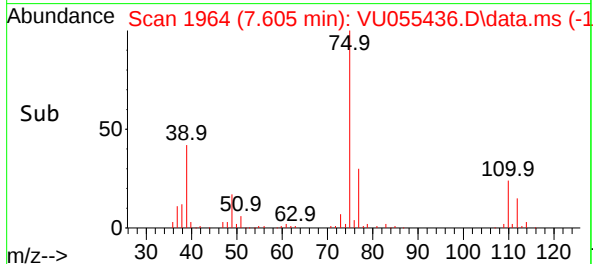
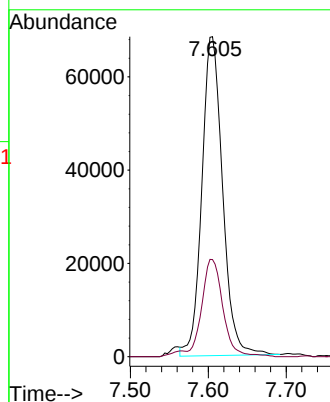
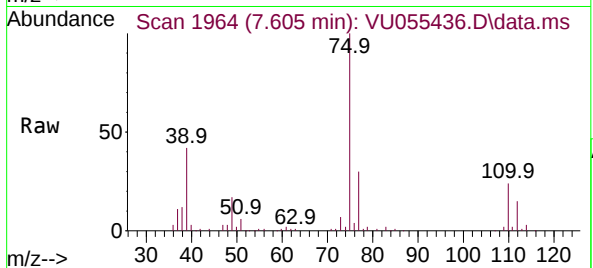




#39
 cis-1,3-Dichloropropene
 Concen: 4.654 ug/L
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU055436.D
 Acq: 20 Sep 2023 19:44

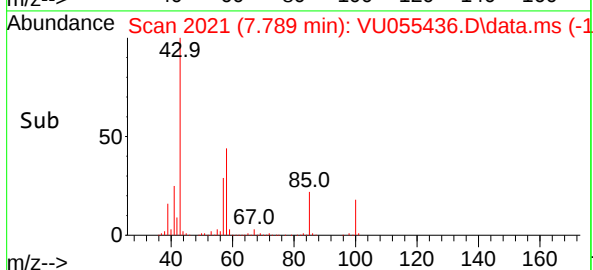
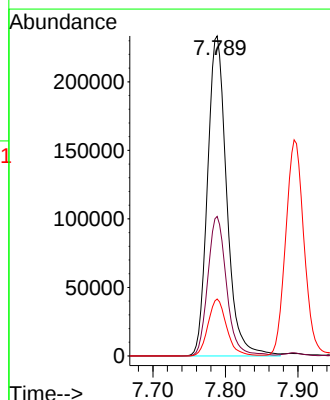
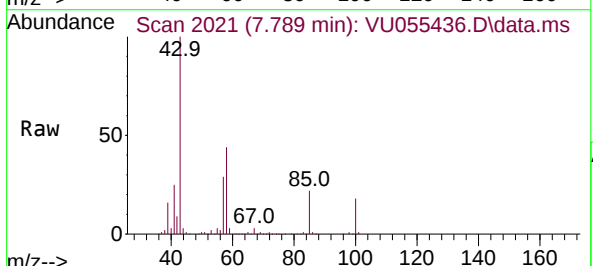
Instrument :
 MSVOA_U
 ClientSampleId :

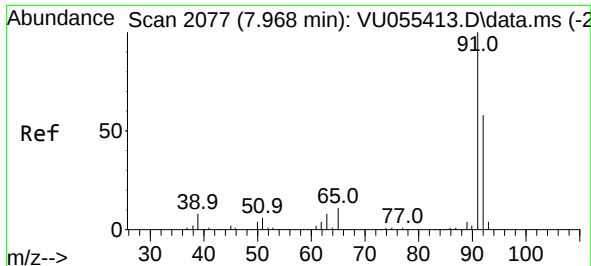
Tgt Ion: 75 Resp: 126591
 Ion Ratio Lower Upper
 75 100
 77 30.3 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 46.443 ug/L
 RT: 7.789 min Scan# 2021
 Delta R.T. 0.000 min
 Lab File: VU055436.D
 Acq: 20 Sep 2023 19:44

Tgt Ion: 43 Resp: 429376
 Ion Ratio Lower Upper
 43 100
 58 42.8 34.2 51.4
 100 17.3 13.4 20.0





#42

Toluene

Concen: 4.777 ug/L

RT: 7.965 min Scan# 2077

Delta R.T. -0.003 min

Lab File: VU055436.D

Acq: 20 Sep 2023 19:44

Instrument :

MSVOA_U

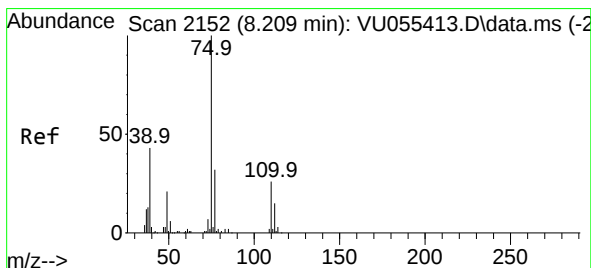
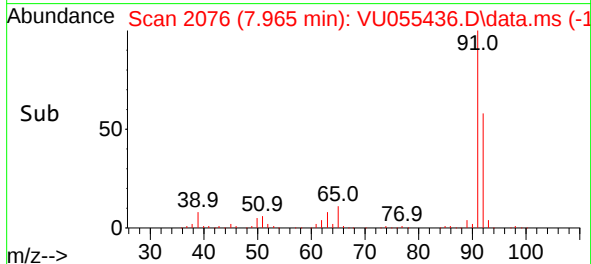
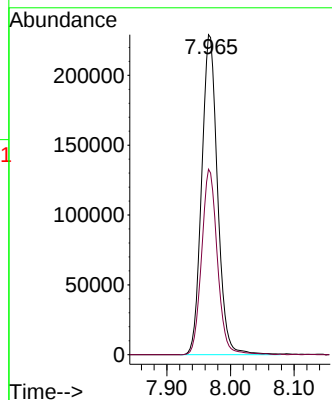
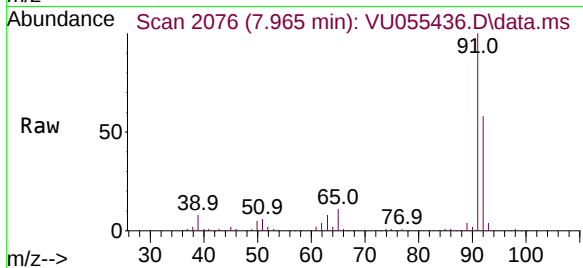
ClientSampleId :

Tgt Ion: 91 Resp: 397126

Ion Ratio Lower Upper

91 100

92 58.0 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.686 ug/L

RT: 8.207 min Scan# 2151

Delta R.T. -0.003 min

Lab File: VU055436.D

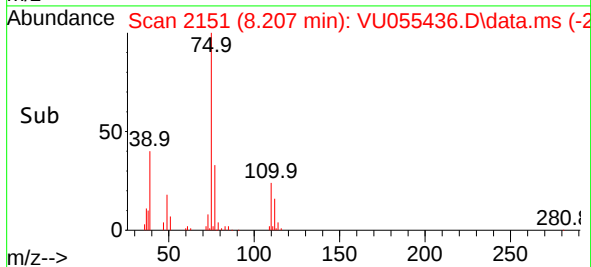
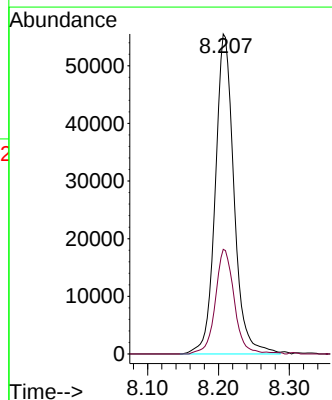
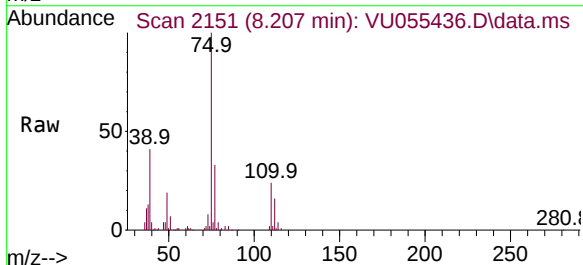
Acq: 20 Sep 2023 19:44

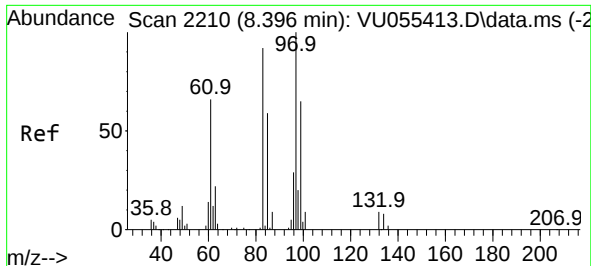
Tgt Ion: 75 Resp: 101989

Ion Ratio Lower Upper

75 100

77 32.7 21.8 40.4

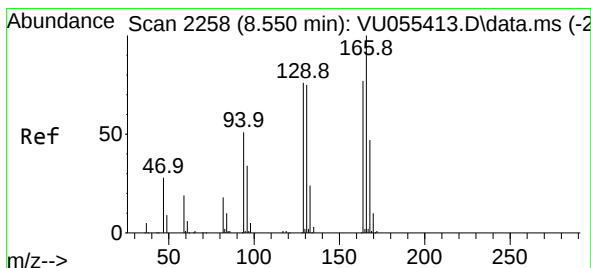
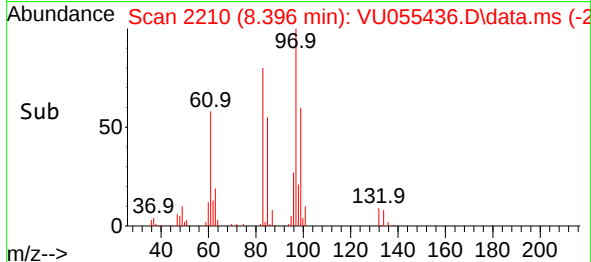
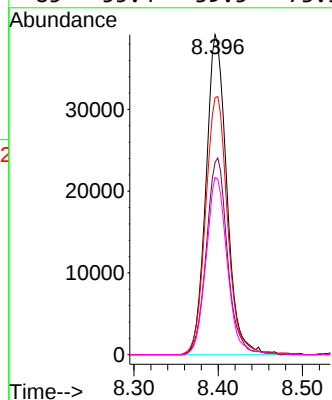
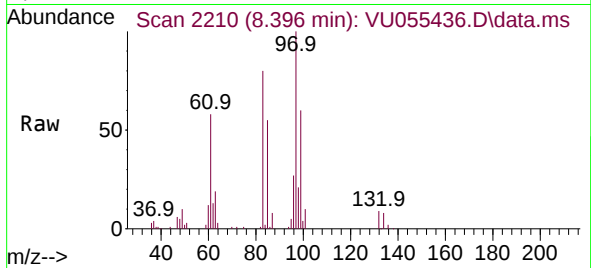




#45
1,1,2-Trichloroethane
Concen: 4.710 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

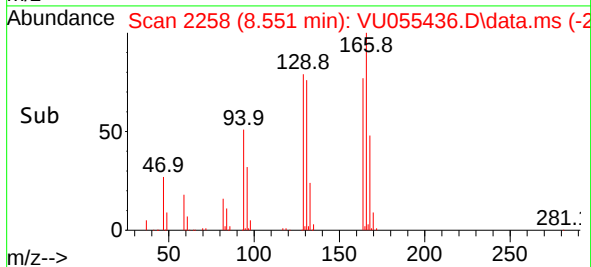
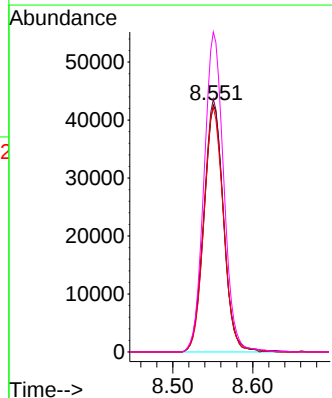
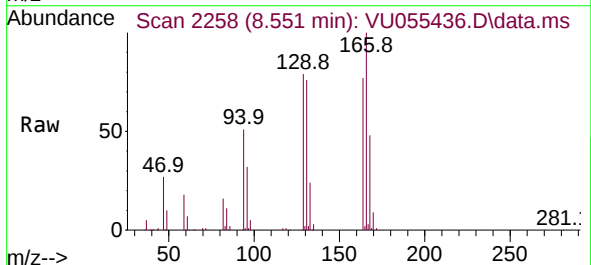
Instrument :
MSVOA_U
ClientSampleId :

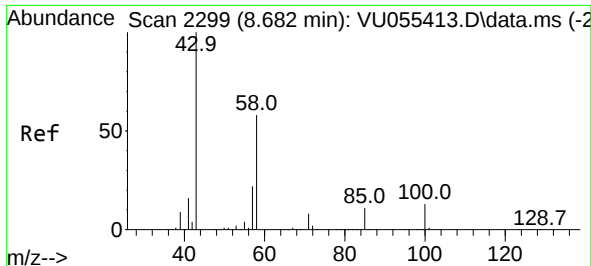
Tgt Ion:	97	Resp:	67301
Ion	Ratio	Lower	Upper
97	100		
99	60.1	44.1	81.9
83	80.3	61.5	114.1
85	55.4	39.5	73.3



#47
Tetrachloroethene
Concen: 4.629 ug/L
RT: 8.551 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

Tgt Ion:	164	Resp:	73206
Ion	Ratio	Lower	Upper
164	100		
129	102.4	67.4	125.2
131	99.0	66.4	123.2
166	129.5	88.8	165.0

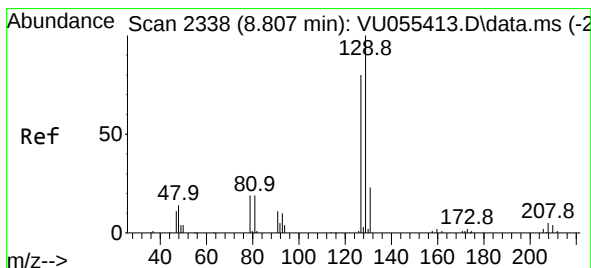
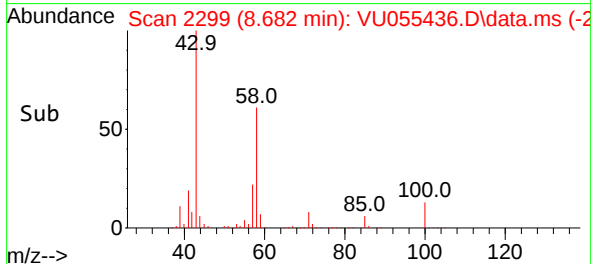
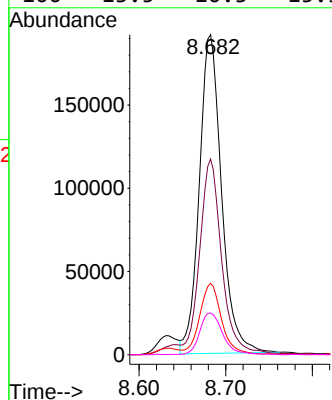
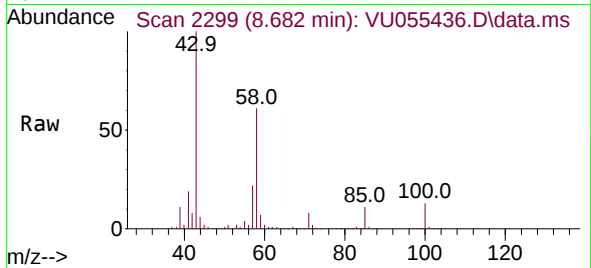




#48
2-Hexanone
Concen: 47.856 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

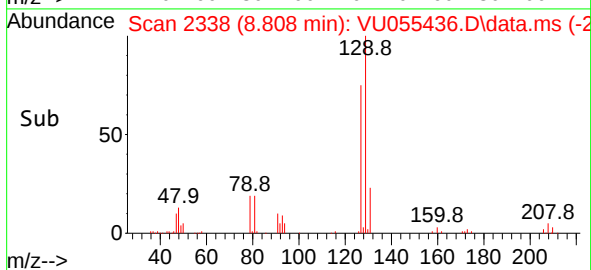
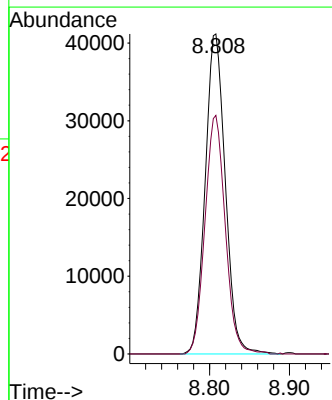
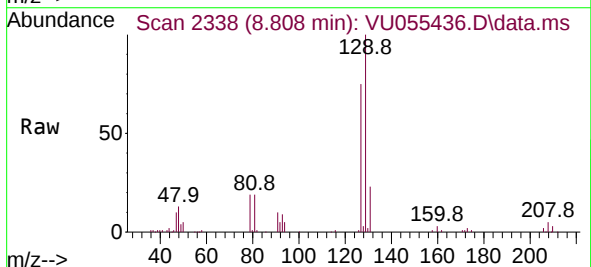
Instrument :
MSVOA_U
ClientSampleId :

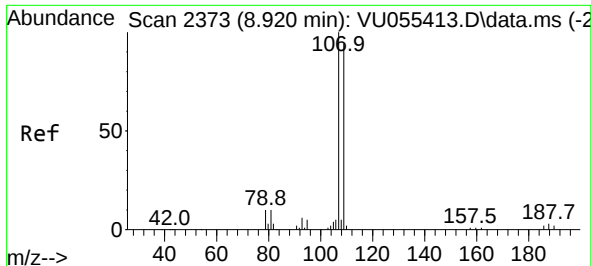
Tgt Ion: 43 Resp: 342900
Ion Ratio Lower Upper
43 100
58 60.4 48.5 72.7
57 21.5 17.0 25.4
100 13.5 10.3 15.5



#49
Dibromochloromethane
Concen: 4.799 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

Tgt Ion: 129 Resp: 71890
Ion Ratio Lower Upper
129 100
127 74.5 56.8 105.6





#50

1,2-Dibromoethane

Concen: 4.795 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

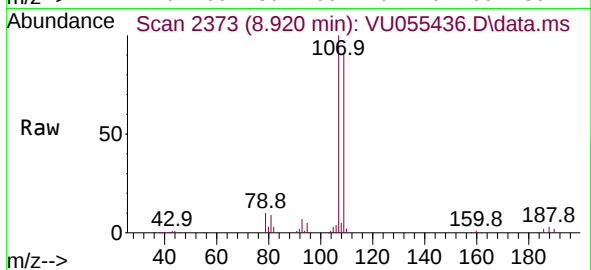
Lab File: VU055436.D

Acq: 20 Sep 2023 19:44

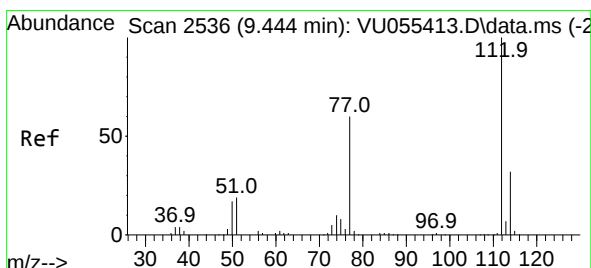
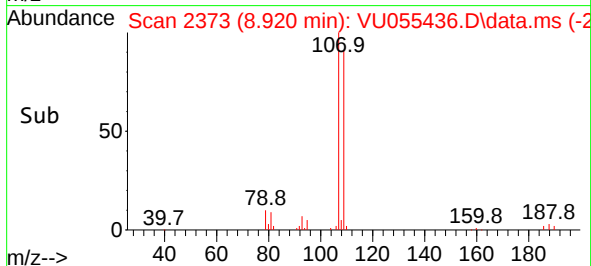
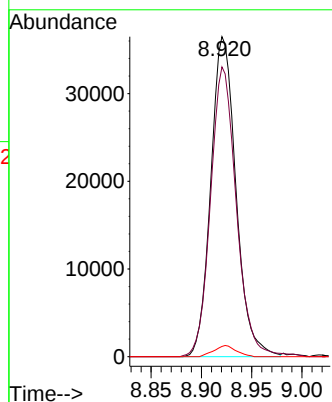
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	63595
Ion	Ratio	Lower	Upper
107	100		
109	90.6	66.1	122.8
188	3.2	3.2	4.8#



#51

Chlorobenzene

Concen: 4.629 ug/L

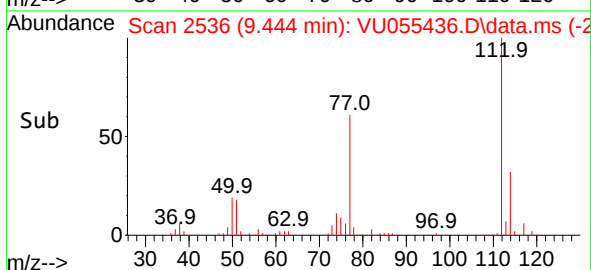
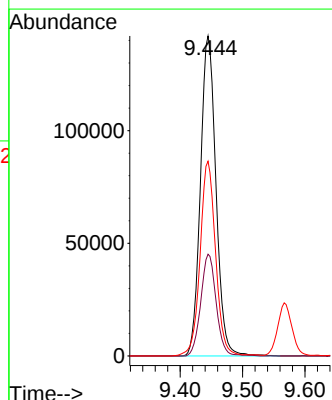
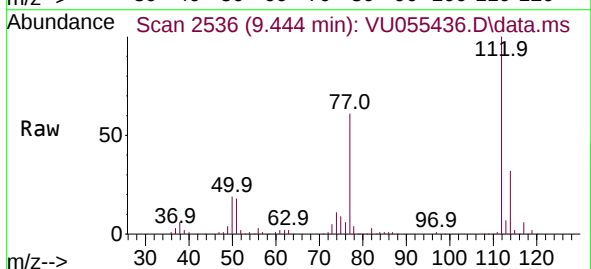
RT: 9.444 min Scan# 2536

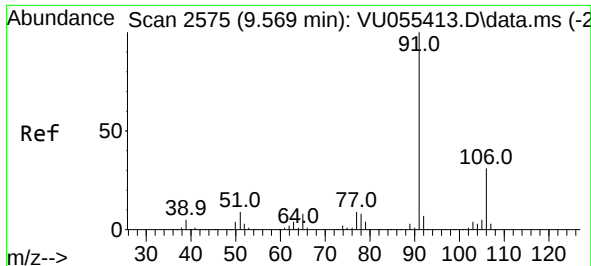
Delta R.T. 0.000 min

Lab File: VU055436.D

Acq: 20 Sep 2023 19:44

Tgt Ion:	112	Resp:	246448
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.0	40.8
77	60.8	46.9	70.3





#52

Ethylbenzene

Concen: 4.568 ug/L

RT: 9.567 min Scan# 2575

Delta R.T. -0.003 min

Lab File: VU055436.D

Acq: 20 Sep 2023 19:44

Instrument :

MSVOA_U

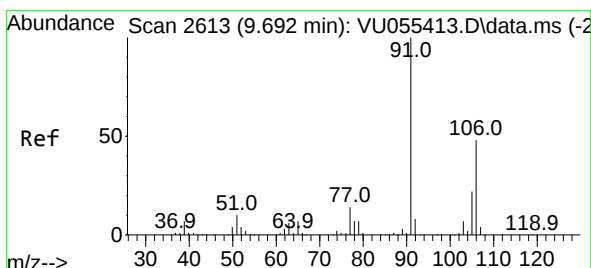
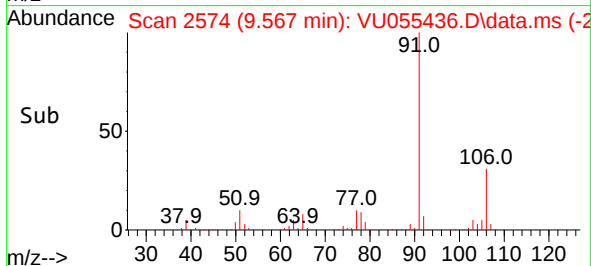
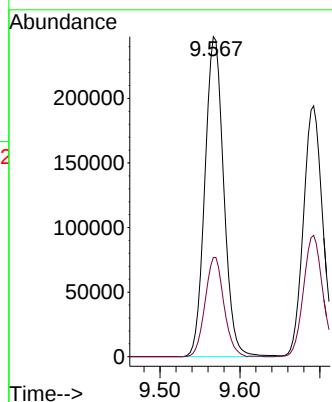
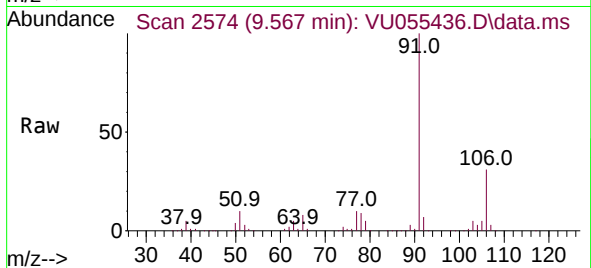
ClientSampleId :

Tgt Ion: 91 Resp: 407079

Ion Ratio Lower Upper

91 100

106 31.0 22.4 41.6



#53

m,p-Xylene

Concen: 4.773 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.000 min

Lab File: VU055436.D

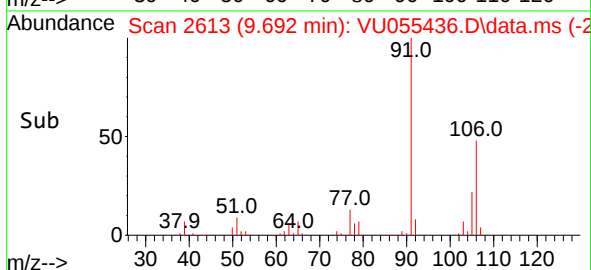
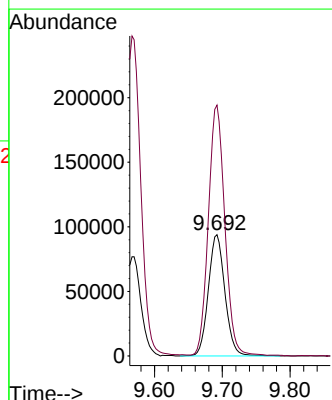
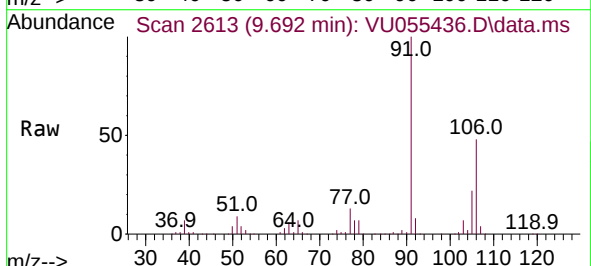
Acq: 20 Sep 2023 19:44

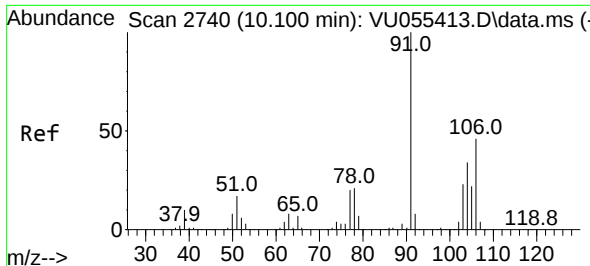
Tgt Ion:106 Resp: 159389

Ion Ratio Lower Upper

106 100

91 206.8 144.8 269.0

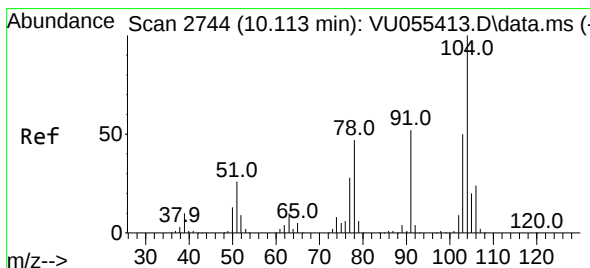
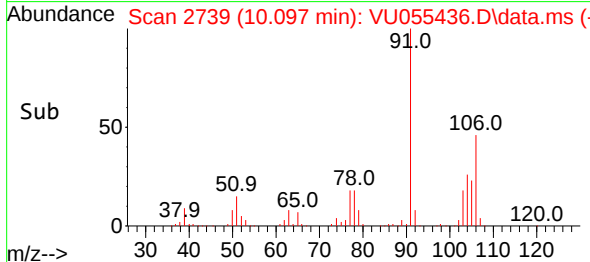
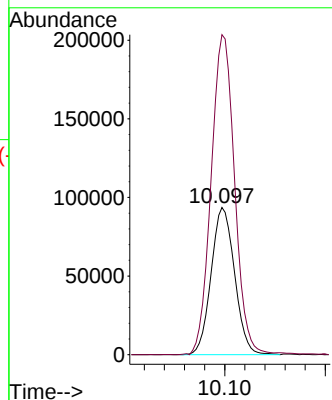
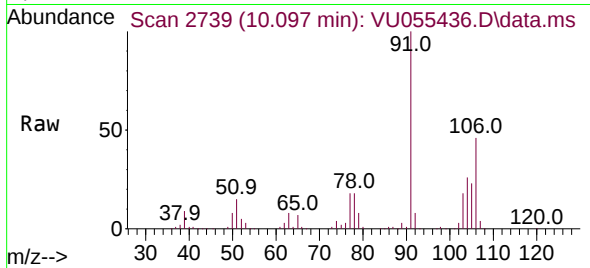




#54
o-Xylene
Concen: 4.674 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

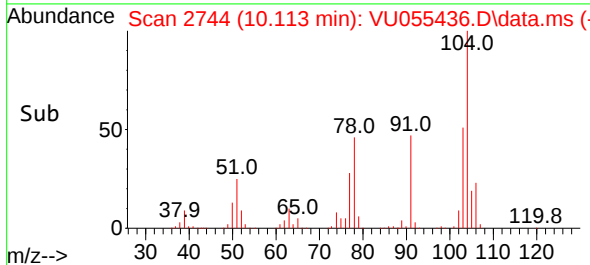
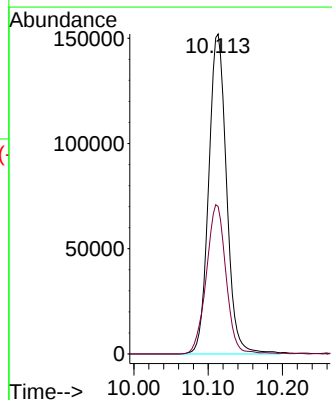
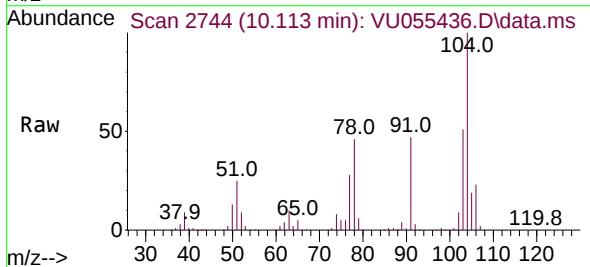
Instrument :
MSVOA_U
ClientSampleId :

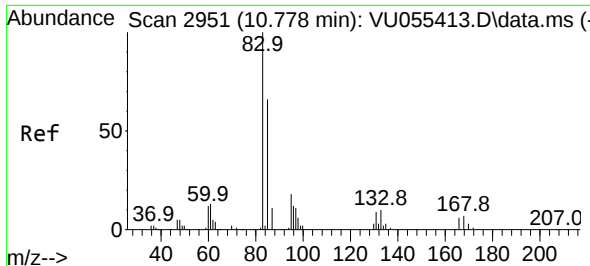
Tgt Ion:106 Resp: 151769
Ion Ratio Lower Upper
106 100
91 217.3 157.6 292.8



#55
Styrene
Concen: 4.843 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

Tgt Ion:104 Resp: 254269
Ion Ratio Lower Upper
104 100
78 46.1 31.2 58.0

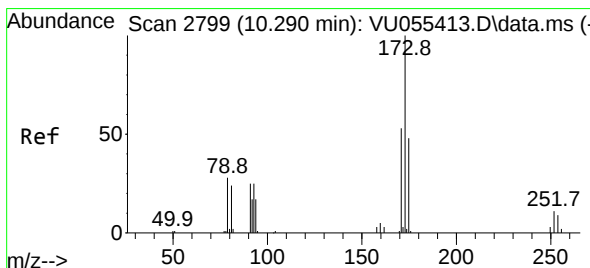
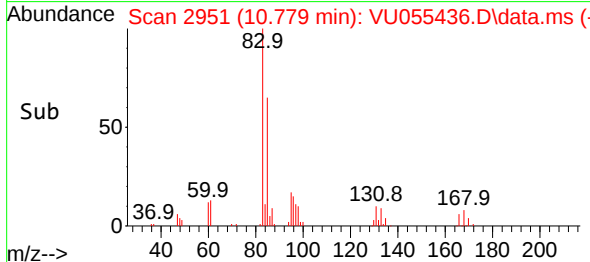
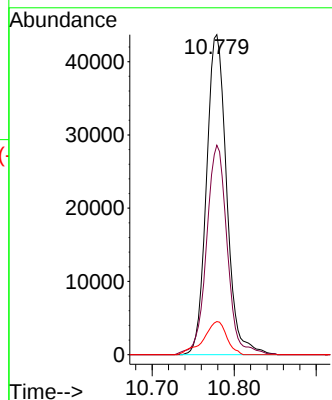
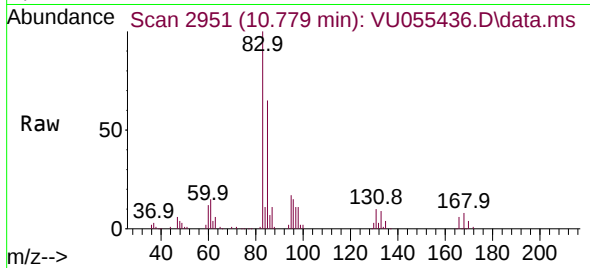




#57
1,1,2-Tetrachloroethane
Concen: 4.616 ug/L
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

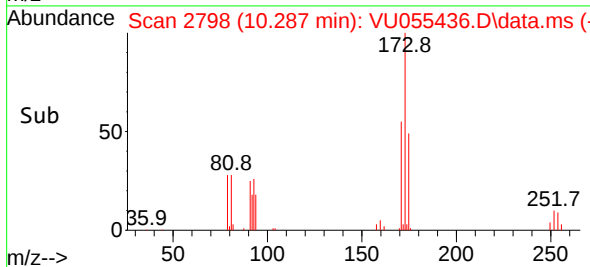
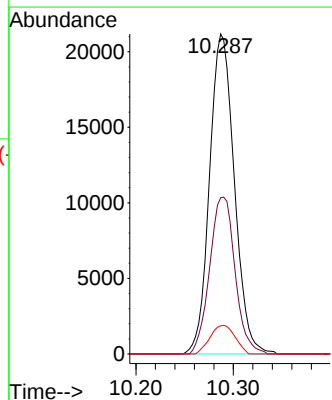
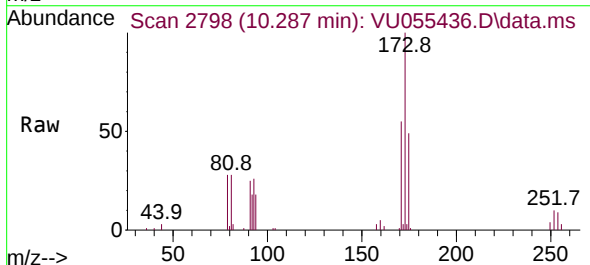
Instrument :
MSVOA_U
ClientSampleId :

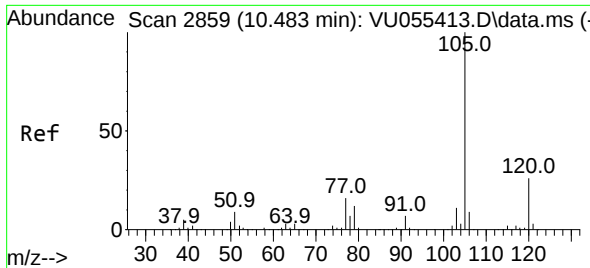
Tgt Ion: 83 Resp: 74460
Ion Ratio Lower Upper
83 100
85 65.4 44.4 82.5
131 10.4 7.4 11.2



#59
Bromoform
Concen: 4.524 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. -0.003 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

Tgt Ion:173 Resp: 37443
Ion Ratio Lower Upper
173 100
175 50.2 39.4 59.2
254 9.0 7.3 10.9

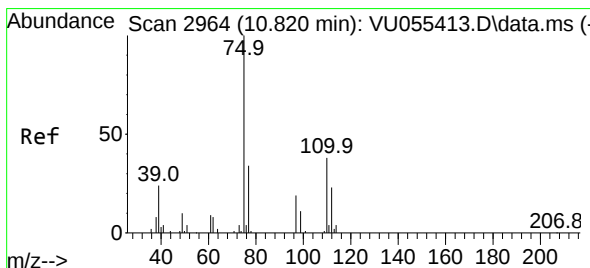
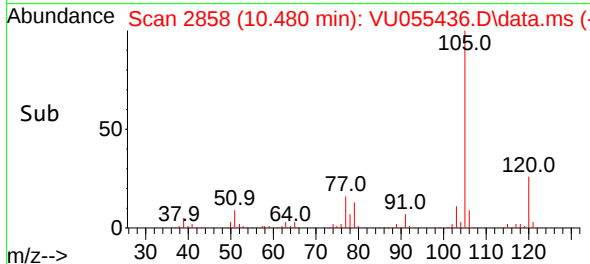
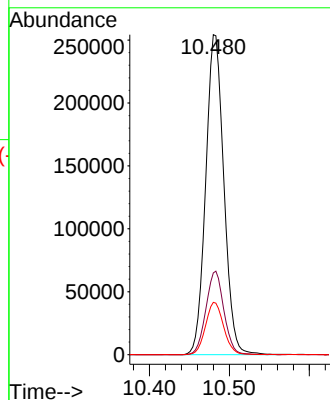
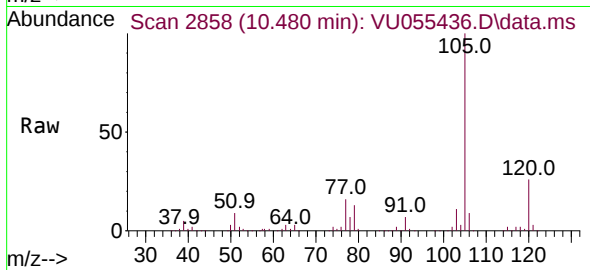




#60
Isopropylbenzene
Concen: 4.517 ug/L
RT: 10.480 min Scan# 2859
Delta R.T. -0.003 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

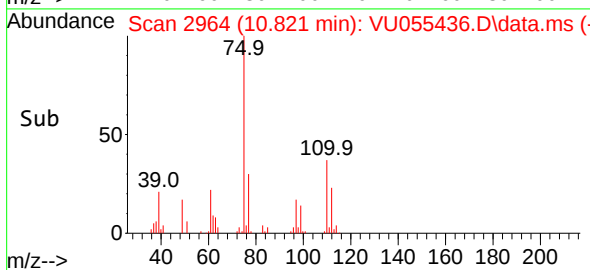
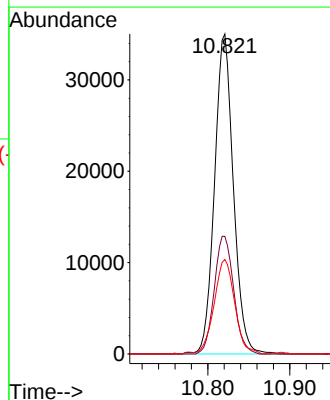
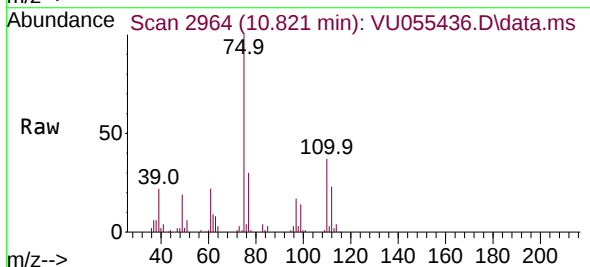
Instrument :
MSVOA_U
ClientSampleId :

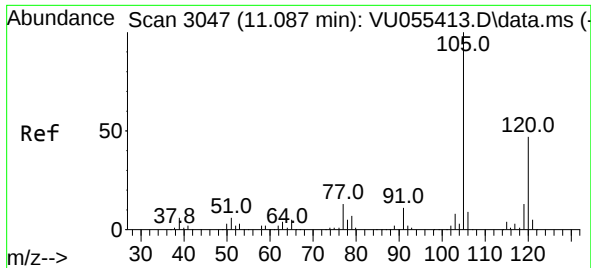
Tgt Ion:105 Resp: 402009
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 16.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.627 ug/L
RT: 10.821 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

Tgt Ion: 75 Resp: 55775
Ion Ratio Lower Upper
75 100
110 38.0 30.6 45.8
77 32.1 26.7 40.1

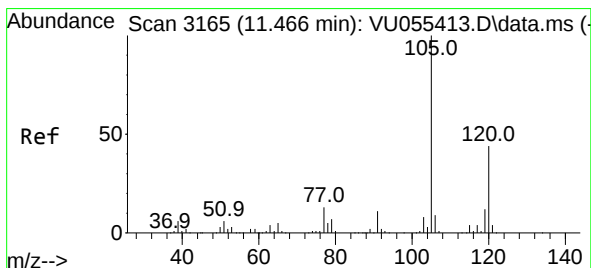
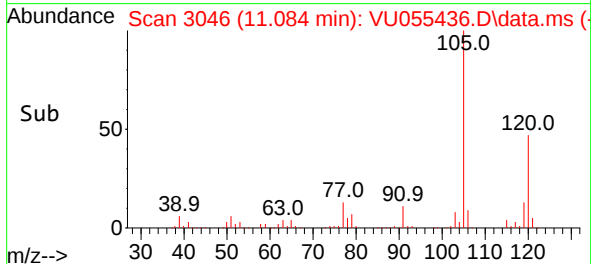
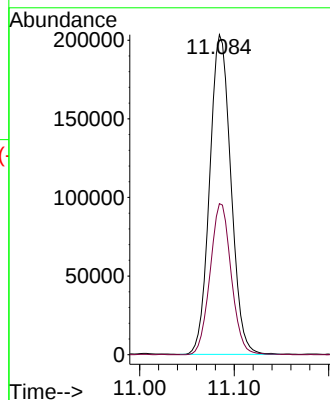
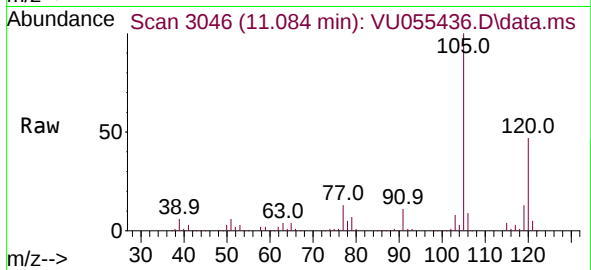




#62
1,3,5-Trimethylbenzene
Concen: 4.457 ug/L
RT: 11.084 min Scan# 3047
Delta R.T. -0.003 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

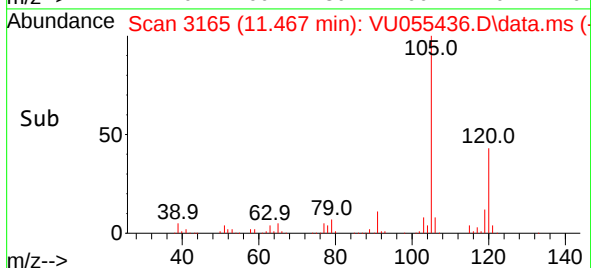
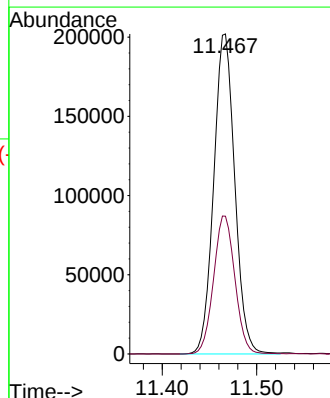
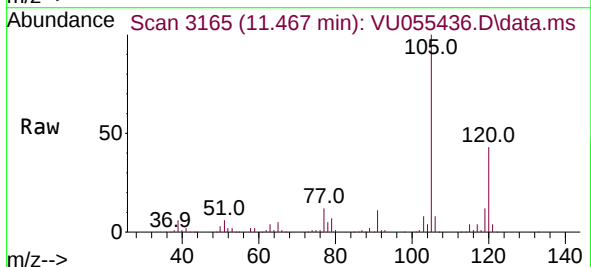
Instrument :
MSVOA_U
ClientSampleId :

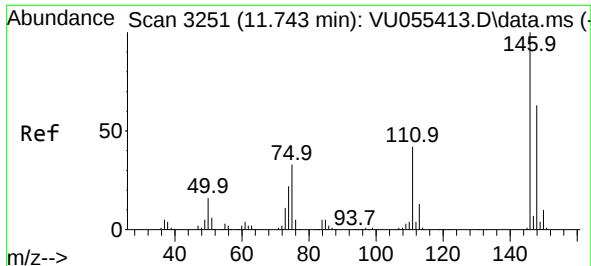
Tgt Ion:105 Resp: 317229
Ion Ratio Lower Upper
105 100
120 47.0 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 4.483 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

Tgt Ion:105 Resp: 312284
Ion Ratio Lower Upper
105 100
120 43.7 34.9 52.3

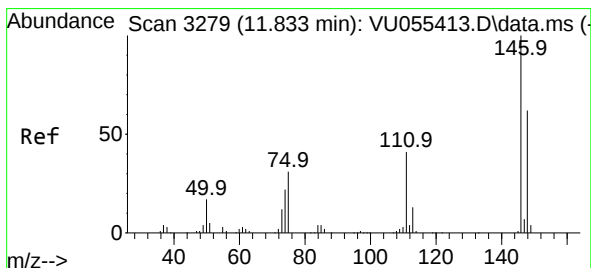
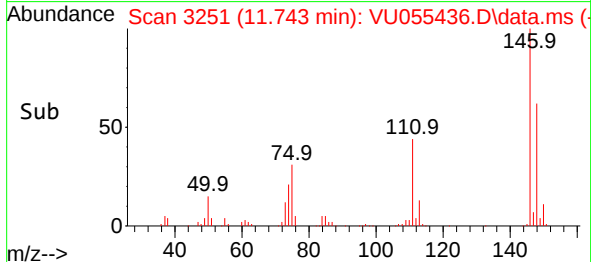
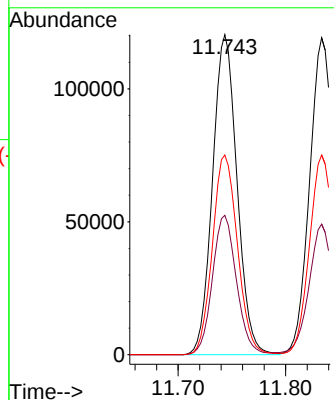
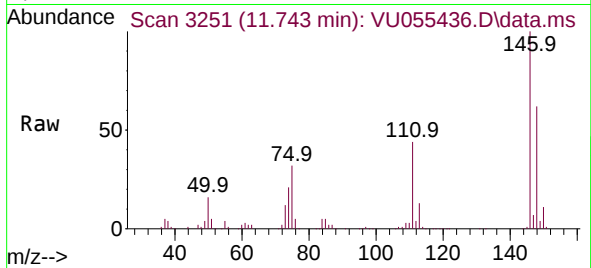




#64
1,3-Dichlorobenzene
Concen: 4.467 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

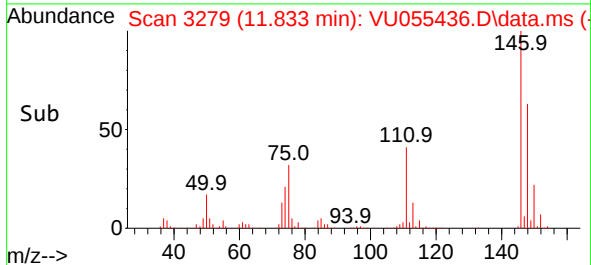
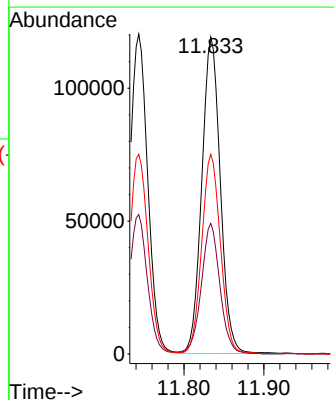
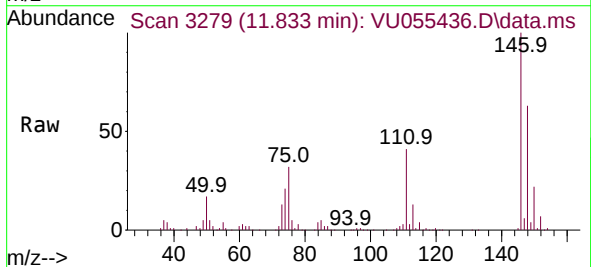
Instrument :
MSVOA_U
ClientSampleId :

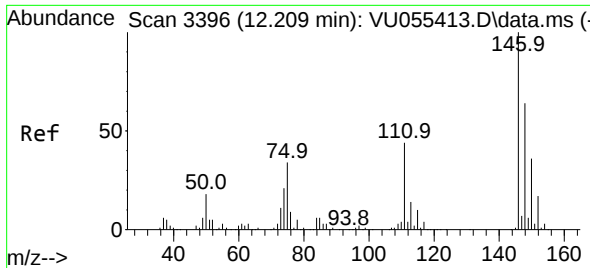
Tgt Ion:146 Resp: 190349
Ion Ratio Lower Upper
146 100
111 43.6 28.8 53.6
148 62.4 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.513 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055436.D
Acq: 20 Sep 2023 19:44

Tgt Ion:146 Resp: 192206
Ion Ratio Lower Upper
146 100
111 41.2 29.0 53.8
148 63.0 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 4.585 ug/L

RT: 12.210 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU055436.D

Acq: 20 Sep 2023 19:44

Instrument :

MSVOA_U

ClientSampleId :

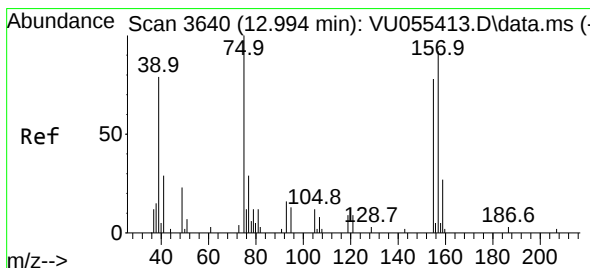
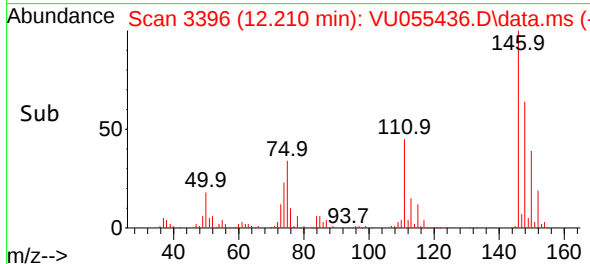
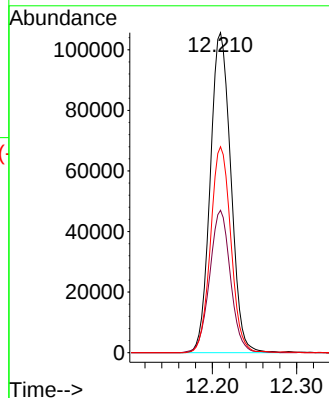
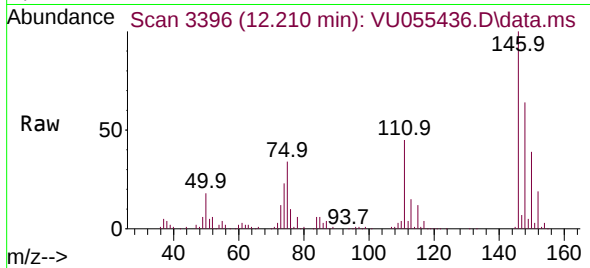
Tgt Ion:146 Resp: 179113

Ion Ratio Lower Upper

146 100

111 44.5 34.6 52.0

148 64.3 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.864 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU055436.D

Acq: 20 Sep 2023 19:44

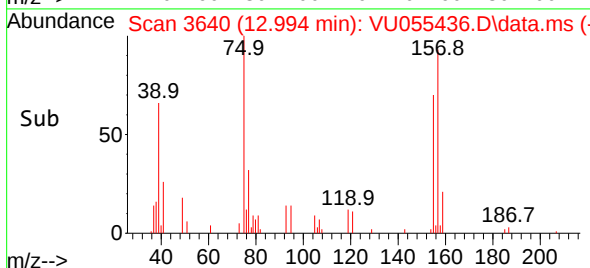
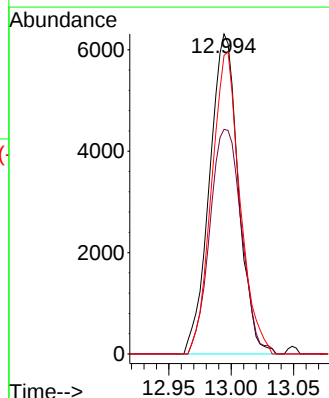
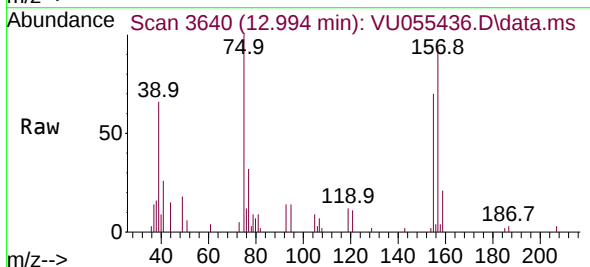
Tgt Ion: 75 Resp: 10164

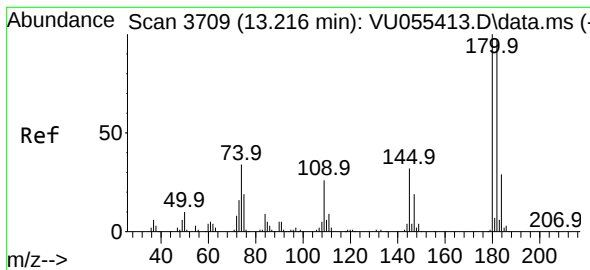
Ion Ratio Lower Upper

75 100

155 70.2 69.2 103.8

157 93.3 81.9 122.9





#69

1,3,5-Trichlorobenzene

Concen: 4.234 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.000 min

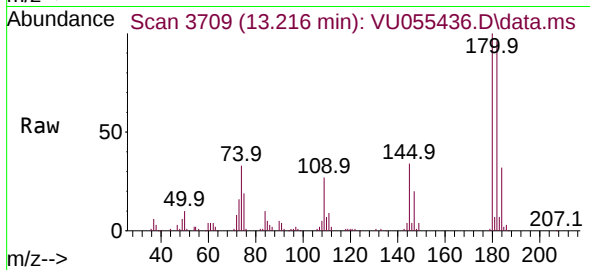
Lab File: VU055436.D

Acq: 20 Sep 2023 19:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 124249

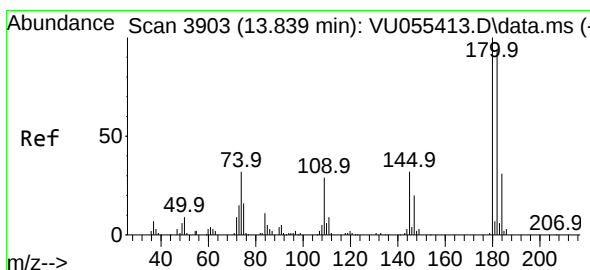
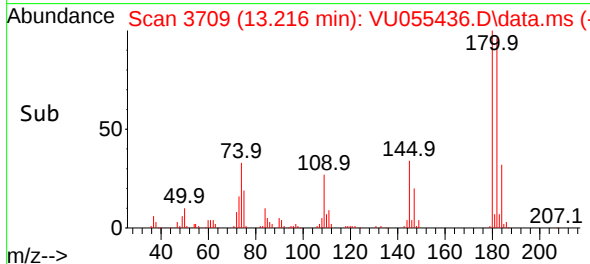
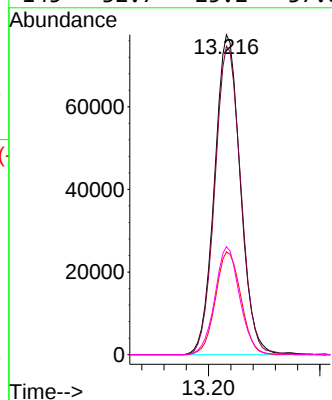
Ion Ratio Lower Upper

180 100

182 97.1 77.1 115.7

184 31.7 24.0 36.0

145 32.7 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 4.308 ug/L

RT: 13.840 min Scan# 3903

Delta R.T. 0.000 min

Lab File: VU055436.D

Acq: 20 Sep 2023 19:44

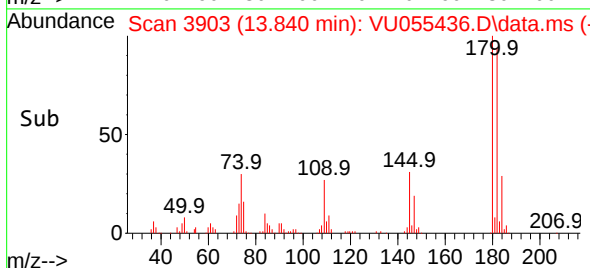
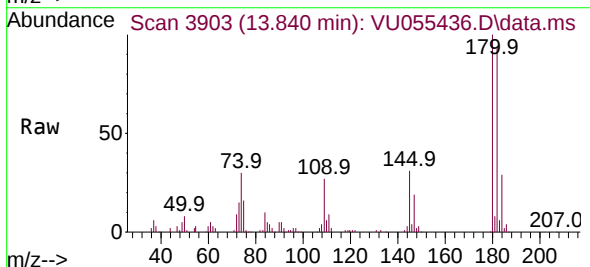
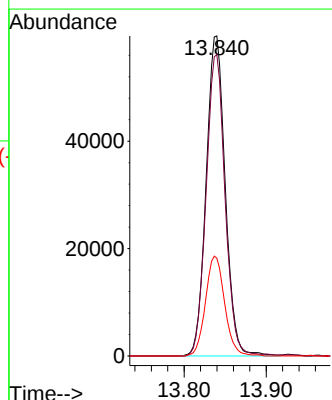
Tgt Ion:180 Resp: 96379

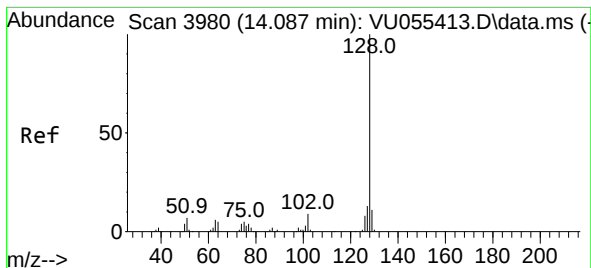
Ion Ratio Lower Upper

180 100

182 93.0 76.4 114.6

145 31.3 25.4 38.0





#71

Naphthalene

Concen: 4.037 ug/L

RT: 14.084 min Scan# 3980

Delta R.T. -0.003 min

Lab File: VU055436.D

Acq: 20 Sep 2023 19:44

Instrument :

MSVOA_U

ClientSampleId :

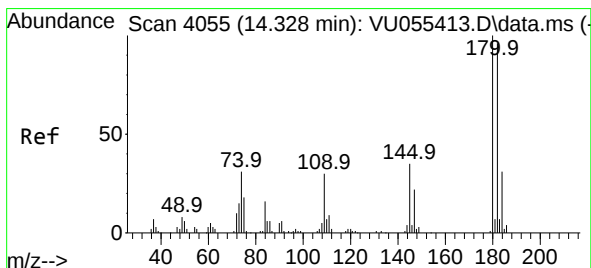
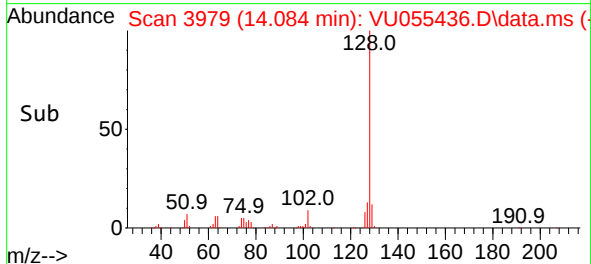
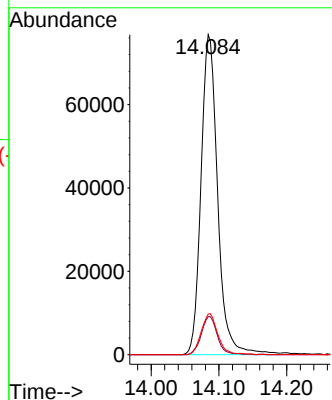
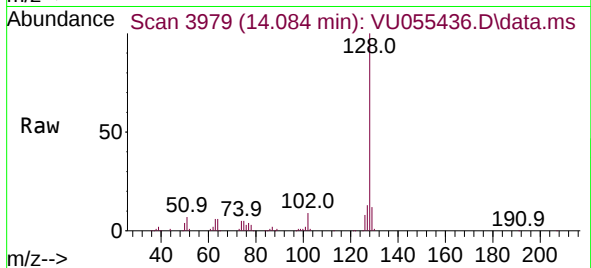
Tgt Ion:128 Resp: 130735

Ion Ratio Lower Upper

128 100

129 11.4 8.5 12.7

127 12.6 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 4.229 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.003 min

Lab File: VU055436.D

Acq: 20 Sep 2023 19:44

Tgt Ion:180 Resp: 82325

Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.4

145 34.4 26.0 39.0

