

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100423\
 Data File : VU055654.D
 Acq On : 04 Oct 2023 09:13
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 04 22:57:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 04 04:40:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	190903	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	198360	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	112250	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	95065	4.927	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.911	69	74650	4.390	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.567	65	36483	4.594	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	4.628	46	137819	39.546	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.100%
24) Chloroform-d	5.062	84	159469	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.701	65	71926	4.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.724	84	318617	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.689	67	92395	4.457	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.897	98	293467	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.180	79	32012	4.400	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.631	63	80049	36.175	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.360%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	67064	4.317	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	92828	4.097	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	79647	4.285	ug/L	98
3) Chloromethane	1.518	50	83276	5.093	ug/L	98
5) Vinyl chloride	1.602	62	92797	5.261	ug/L	99
6) Bromomethane	1.856	94	52340	4.672	ug/L	97
8) Chloroethane	1.933	64	55569	4.828	ug/L	99
9) Trichlorofluoromethane	2.139	101	122839	5.022	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	71815	4.825	ug/L	99
12) 1,1-Dichloroethene	2.579	96	62535	4.685	ug/L	94
13) Acetone	2.637	43	89234	44.919	ug/L	99
14) Carbon disulfide	2.792	76	197064	4.911	ug/L	100
15) Methyl Acetate	2.952	43	29072	6.419	ug/L	98
16) Methylene chloride	3.042	84	80474	5.032	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	140914	4.867	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	67206	4.996	ug/L	97
19) 1,1-Dichloroethane	3.865	63	131139	5.271	ug/L	98
21) 2-Butanone	4.708	43	138896	47.671	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	73655	4.722	ug/L	97
23) Bromochloromethane	4.972	128	32724	4.964	ug/L	93
25) Chloroform	5.084	83	136918	5.197	ug/L	100

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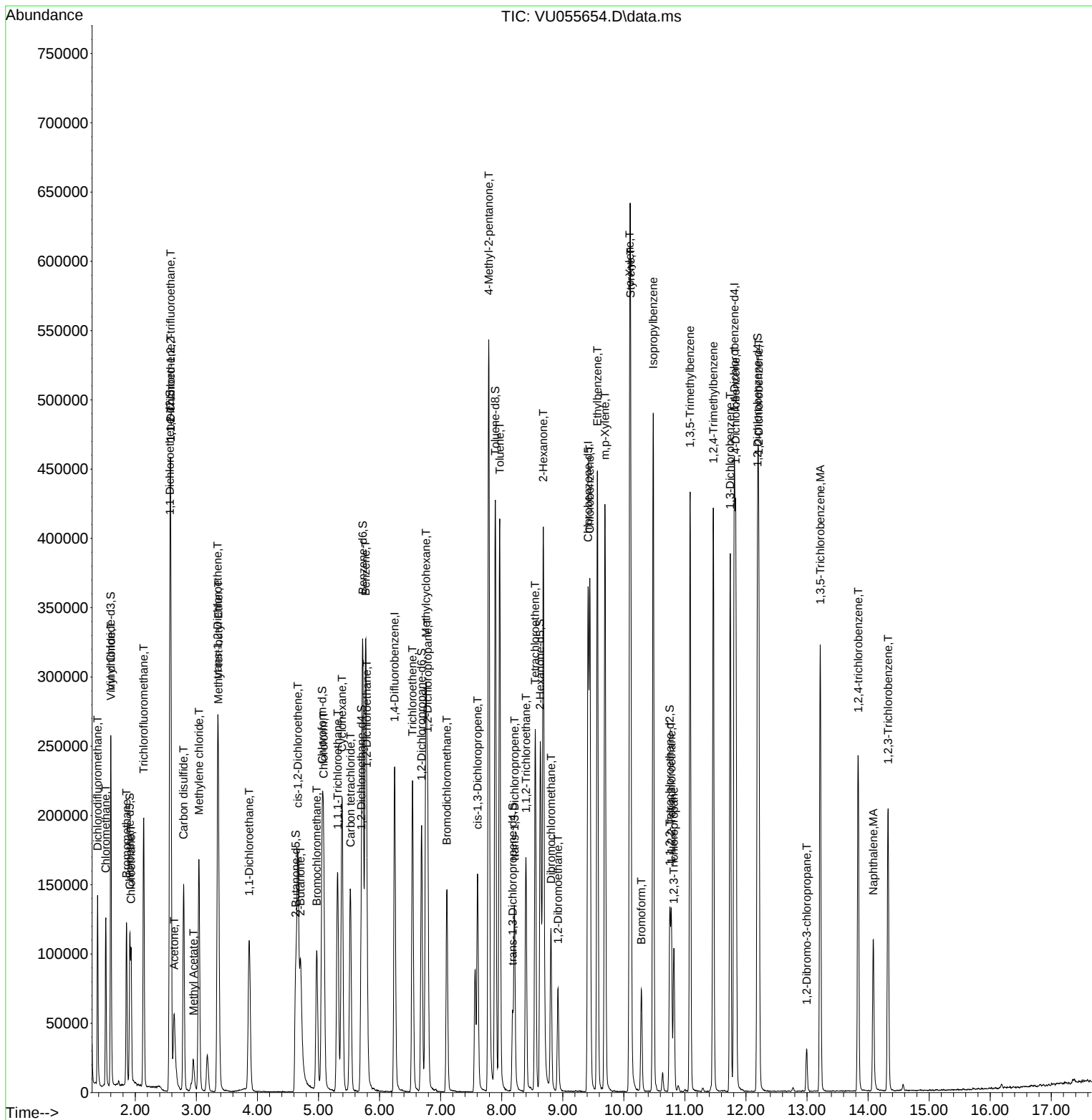
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 ClientSampleId :

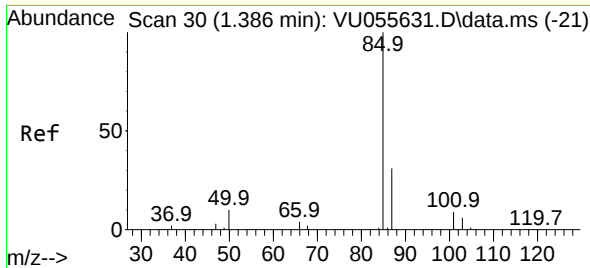
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	78825	4.879	ug/L #	95
29) 1,1,1-Trichloroethane	5.316	97	116272	5.142	ug/L	98
30) Cyclohexane	5.386	56	96814	4.677	ug/L	98
31) Carbon tetrachloride	5.525	117	100484	5.184	ug/L	98
33) Benzene	5.772	78	293349	5.138	ug/L	100
34) Trichloroethene	6.541	95	78801	4.880	ug/L	98
35) Methylcyclohexane	6.762	83	104837	4.507	ug/L	96
37) 1,2-Dichloropropane	6.788	63	77439	5.186	ug/L	100
38) Bromodichloromethane	7.103	83	97097	5.549	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	96942	4.865	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	350231	51.710	ug/L	98
42) Toluene	7.968	91	308728	5.070	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	77565	4.865	ug/L	96
45) 1,1,2-Trichloroethane	8.399	97	54988	5.253	ug/L	98
47) Tetrachloroethene	8.550	164	55945	4.829	ug/L	97
48) 2-Hexanone	8.682	43	255168	48.611	ug/L	96
49) Dibromochloromethane	8.807	129	60060	5.473	ug/L	92
50) 1,2-Dibromoethane	8.923	107	49515	5.096	ug/L #	99
51) Chlorobenzene	9.444	112	193240	4.954	ug/L	98
52) Ethylbenzene	9.569	91	318459	4.878	ug/L	97
53) m,p-Xylene	9.692	106	122746	5.017	ug/L	97
54) o-Xylene	10.097	106	115745	4.866	ug/L	96
55) Styrene	10.113	104	197953	5.147	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	60855	5.149	ug/L	99
59) Bromoform	10.286	173	32806	5.453	ug/L	99
60) Isopropylbenzene	10.483	105	309385	4.782	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	45086	5.145	ug/L	96
62) 1,3,5-Trimethylbenzene	11.087	105	239036	4.620	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	229566	4.533	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	155668	5.026	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	152725	4.934	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	139814	4.924	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	8233	5.421	ug/L	96
69) 1,3,5-Trichlorobenzene	13.219	180	97908	4.590	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	71840	4.418	ug/L	99
71) Naphthalene	14.087	128	93350	3.965	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	62542	4.420	ug/L	98

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

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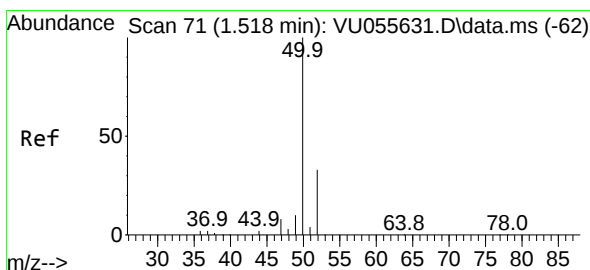
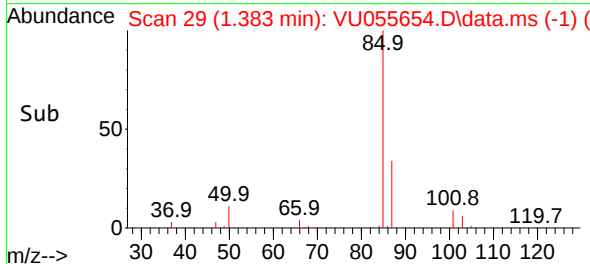
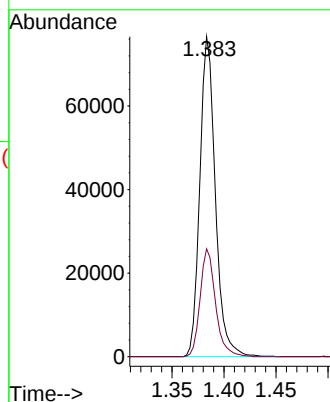
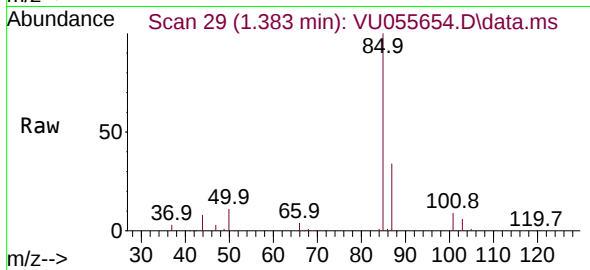




#2
 Dichlorodifluoromethane
 Concen: 4.285 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VU055654.D
 Acq: 04 Oct 2023 09:13

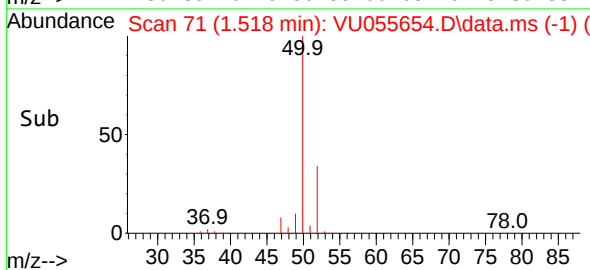
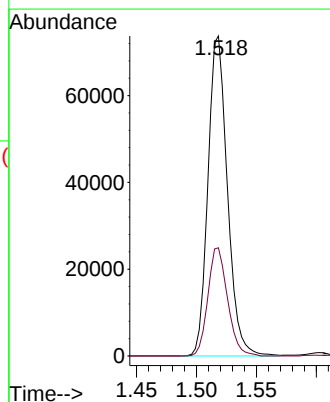
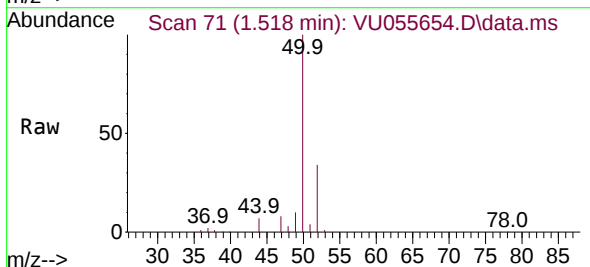
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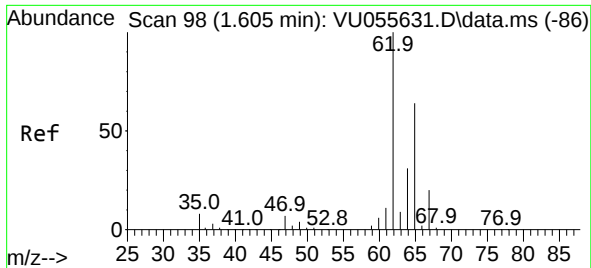
Tgt Ion: 85 Resp: 79647
 Ion Ratio Lower Upper
 85 100
 87 33.5 26.0 39.0



#3
 Chloromethane
 Concen: 5.093 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU055654.D
 Acq: 04 Oct 2023 09:13

Tgt Ion: 50 Resp: 83276
 Ion Ratio Lower Upper
 50 100
 52 33.8 22.9 42.5

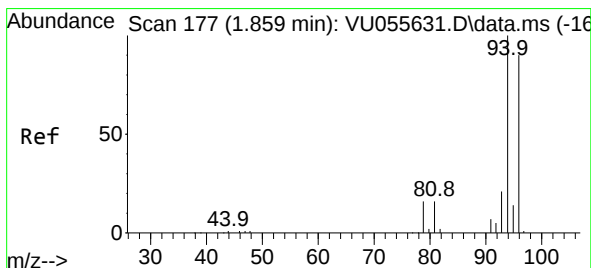
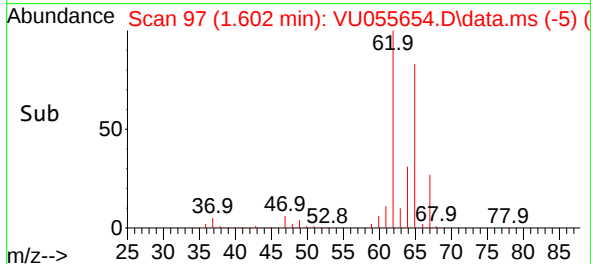
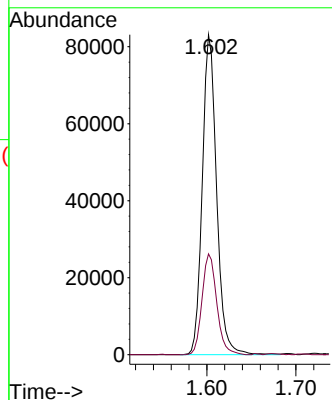
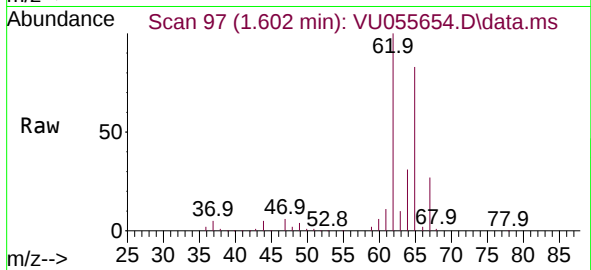




#5
 Vinyl chloride
 Concen: 5.261 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU055654.D
 Acq: 04 Oct 2023 09:13

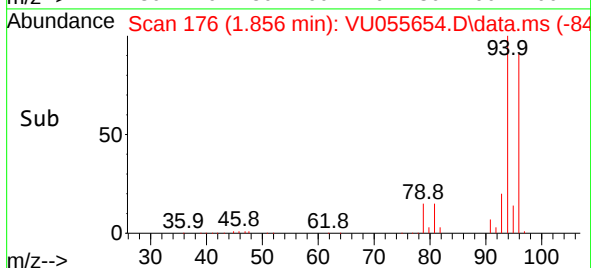
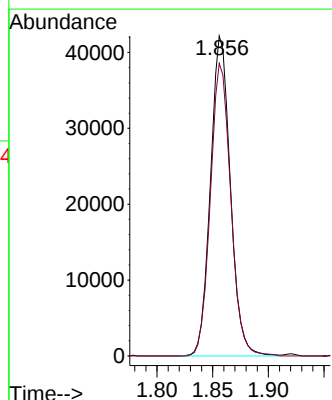
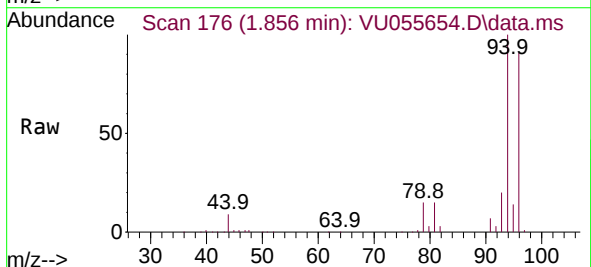
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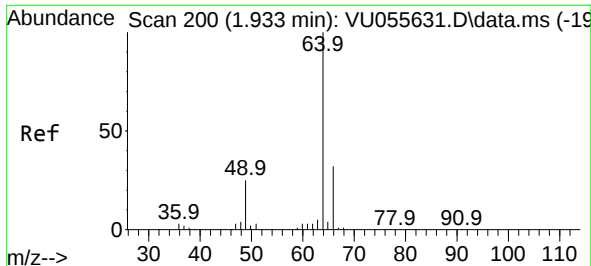
Tgt Ion: 62 Resp: 92797
 Ion Ratio Lower Upper
 62 100
 64 31.5 22.3 41.5



#6
 Bromomethane
 Concen: 4.672 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.003 min
 Lab File: VU055654.D
 Acq: 04 Oct 2023 09:13

Tgt Ion: 94 Resp: 52340
 Ion Ratio Lower Upper
 94 100
 96 91.4 66.4 123.2

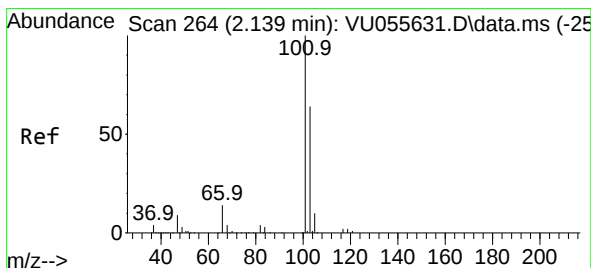
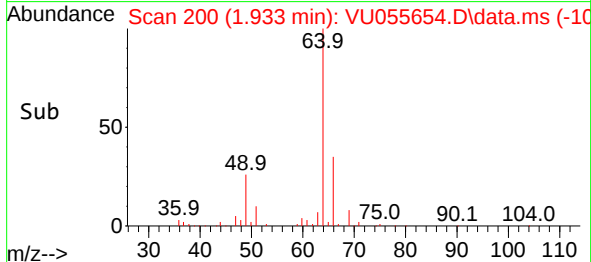
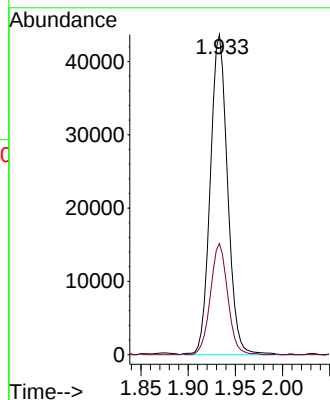
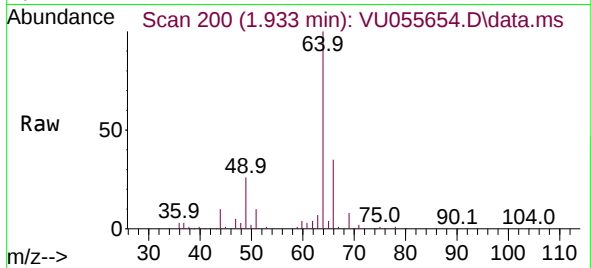




#8
Chloroethane
Concen: 4.828 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU055654.D
Acq: 04 Oct 2023 09:13

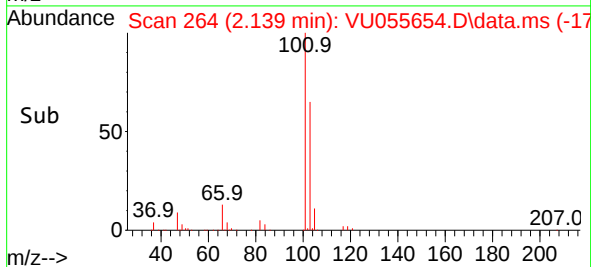
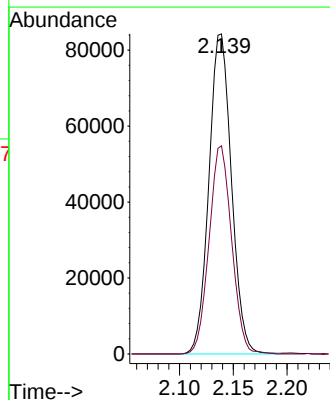
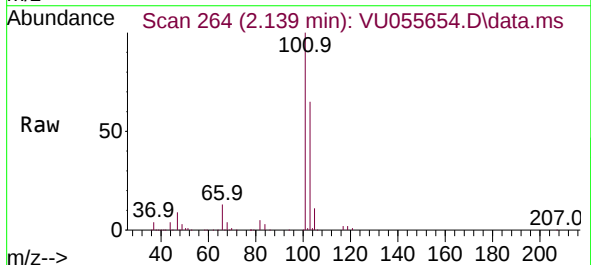
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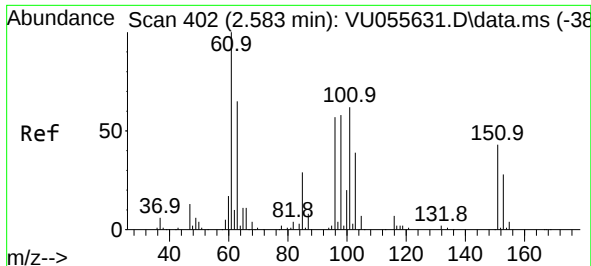
Tgt Ion: 64 Resp: 55569
Ion Ratio Lower Upper
64 100
66 34.7 23.7 44.1



#9
Trichlorofluoromethane
Concen: 5.022 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.000 min
Lab File: VU055654.D
Acq: 04 Oct 2023 09:13

Tgt Ion:101 Resp: 122839
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

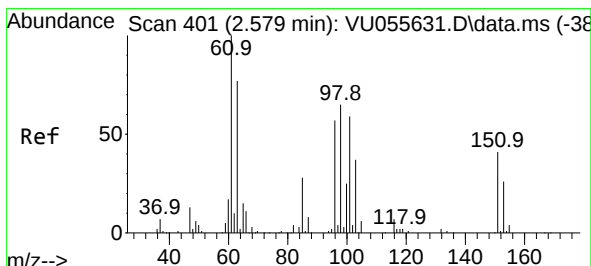
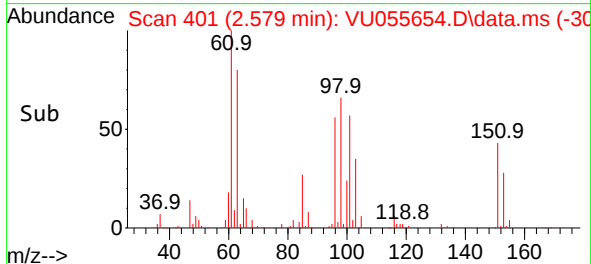
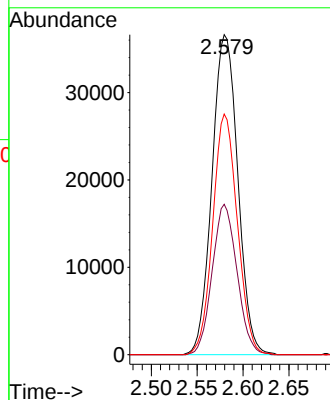
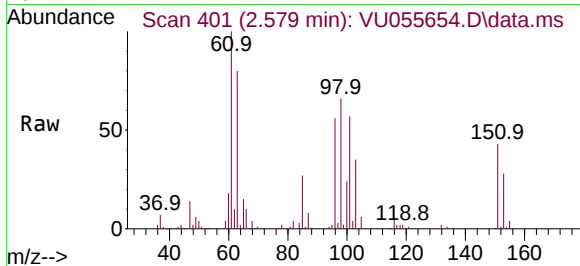




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.825 ug/L
RT: 2.579 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU055654.D
Acq: 04 Oct 2023 09:13

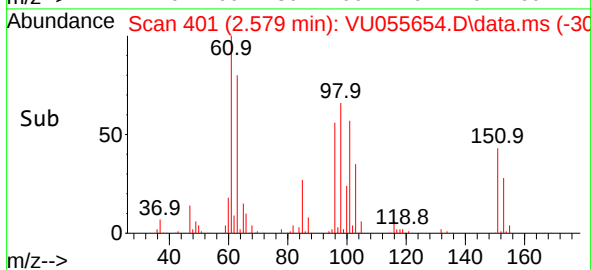
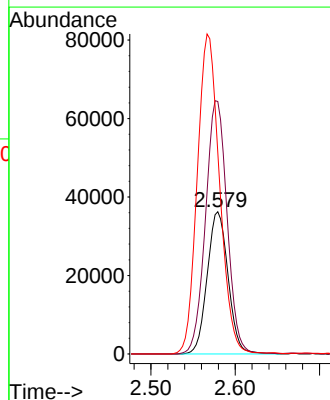
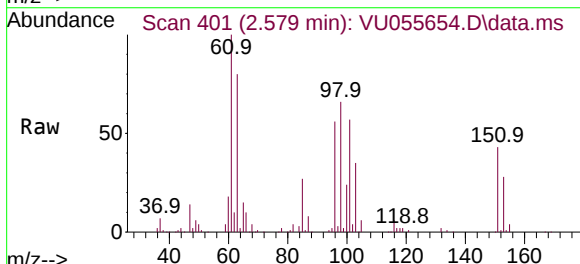
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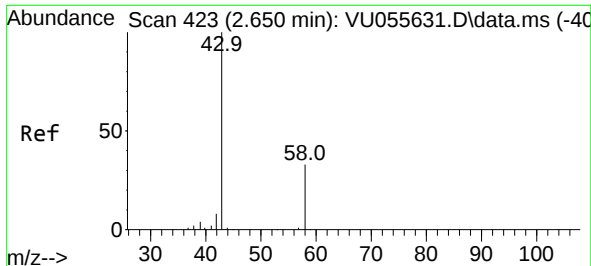
Tgt Ion:101 Resp: 71815
Ion Ratio Lower Upper
101 100
85 45.1 35.8 53.6
151 71.6 58.2 87.4



#12
1,1-Dichloroethene
Concen: 4.685 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU055654.D
Acq: 04 Oct 2023 09:13

Tgt Ion: 96 Resp: 62535
Ion Ratio Lower Upper
96 100
61 177.4 114.5 212.7
63 141.5 98.3 182.5





#13

Acetone

Concen: 44.919 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.013 min

Lab File: VU055654.D

Acq: 04 Oct 2023 09:13

Instrument :

MSVOA_U

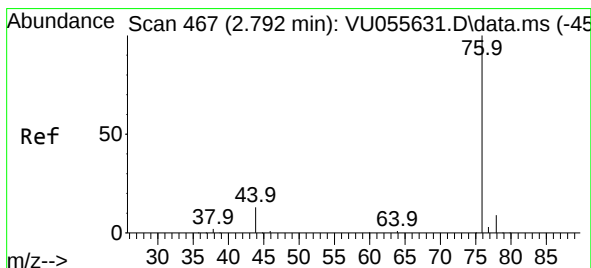
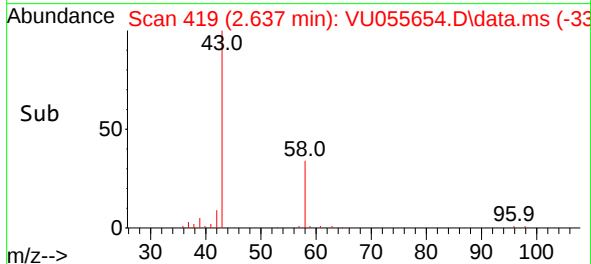
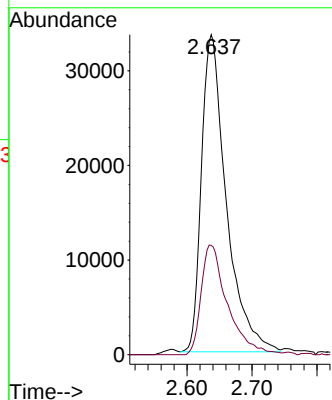
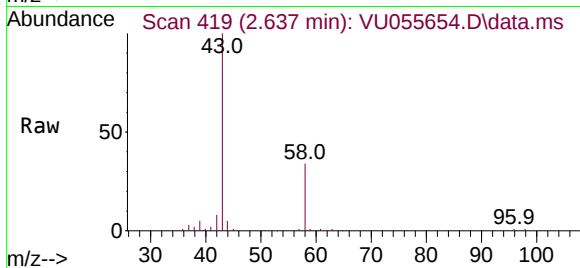
ClientSampleId :

Tgt Ion: 43 Resp: 89234

Ion Ratio Lower Upper

43 100

58 36.6 0.0 72.2



#14

Carbon disulfide

Concen: 4.911 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU055654.D

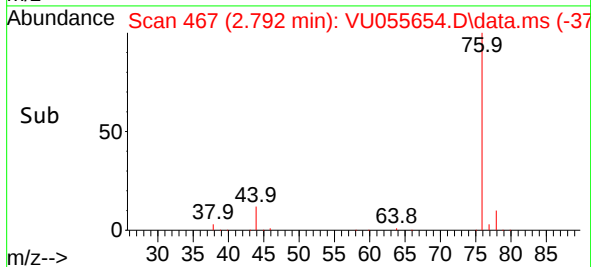
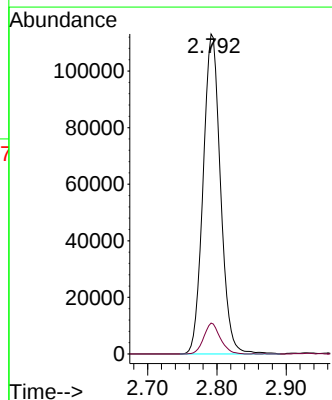
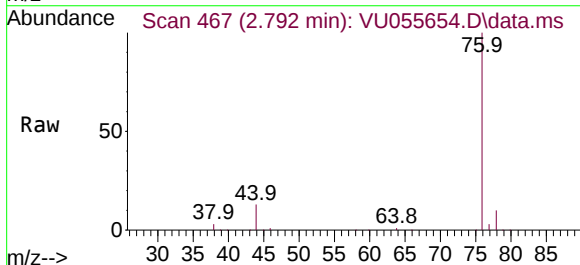
Acq: 04 Oct 2023 09:13

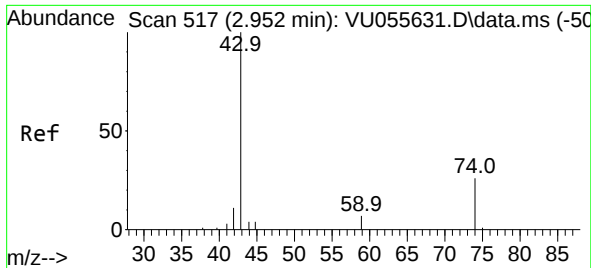
Tgt Ion: 76 Resp: 197064

Ion Ratio Lower Upper

76 100

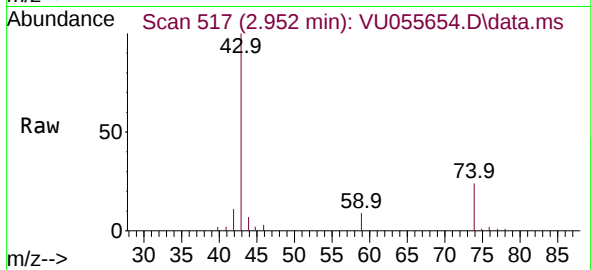
78 9.6 7.7 11.5



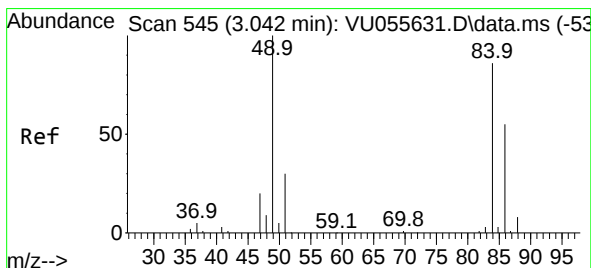
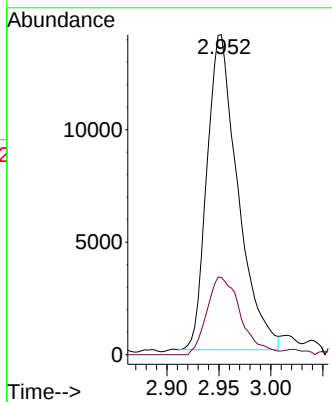
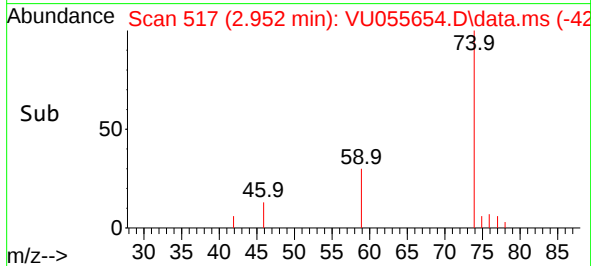


#15
Methyl Acetate
Concen: 6.419 ug/L
RT: 2.952 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU055654.D
Acq: 04 Oct 2023 09:13

Instrument :
MSVOA_U
ClientSampleId :

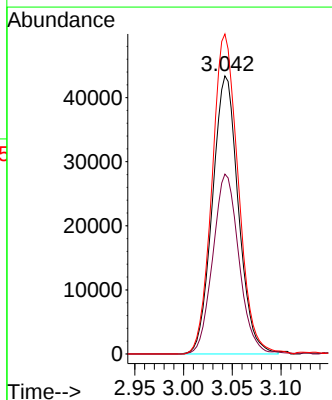
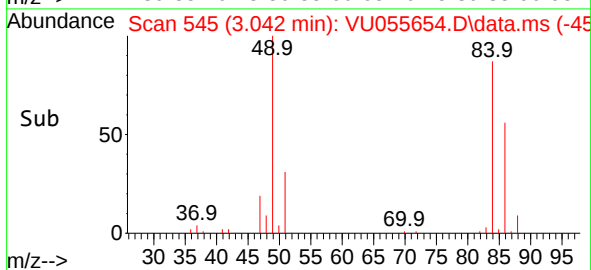
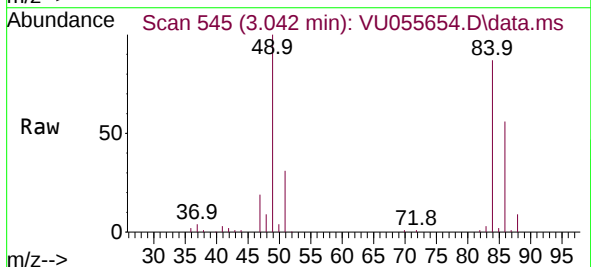


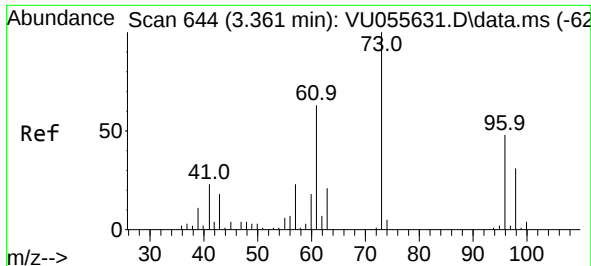
Tgt Ion: 43 Resp: 29072
Ion Ratio Lower Upper
43 100
74 26.7 22.3 33.5



#16
Methylene chloride
Concen: 5.032 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU055654.D
Acq: 04 Oct 2023 09:13

Tgt Ion: 84 Resp: 80474
Ion Ratio Lower Upper
84 100
86 64.7 44.9 83.3
49 115.1 78.8 146.3

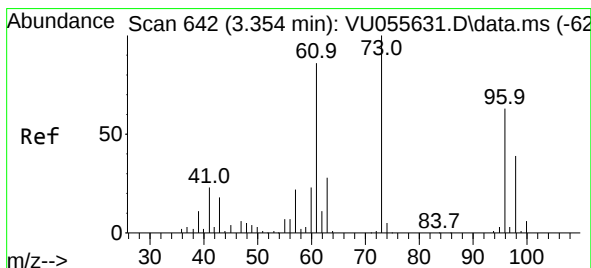
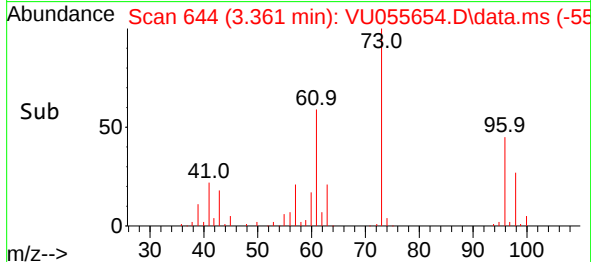
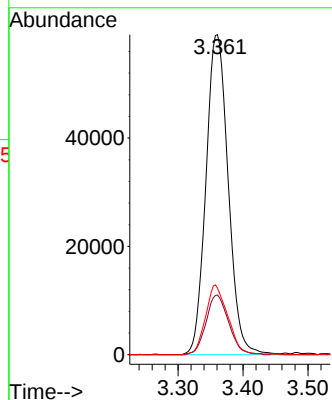
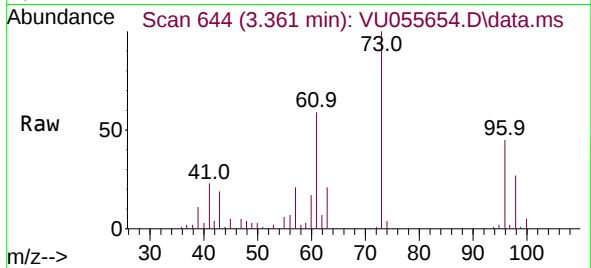




#17
Methyl tert-butyl Ether
Concen: 4.867 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU055654.D
Acq: 04 Oct 2023 09:13

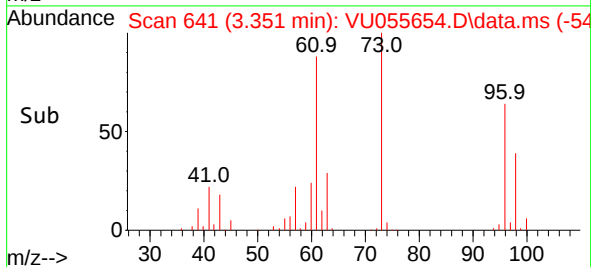
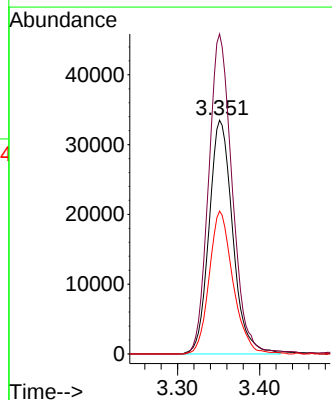
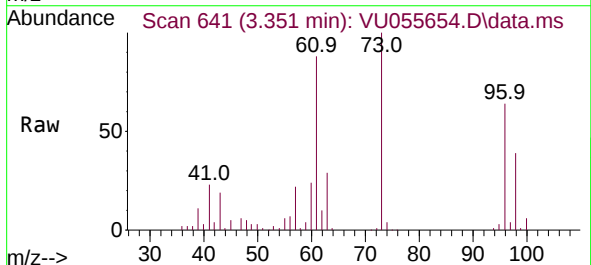
Instrument :
MSVOA_U
ClientSampleId :

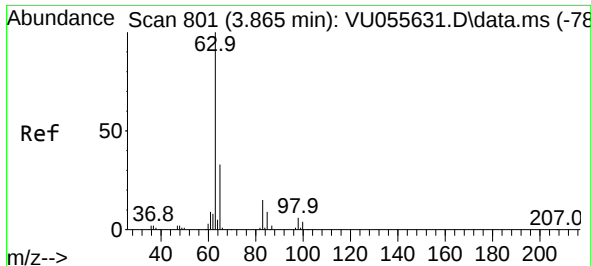
Tgt Ion: 73 Resp: 140914
Ion Ratio Lower Upper
73 100
43 19.0 14.9 22.3
57 21.6 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 4.996 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU055654.D
Acq: 04 Oct 2023 09:13

Tgt Ion: 96 Resp: 67206
Ion Ratio Lower Upper
96 100
61 136.9 94.6 175.6
98 61.1 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.271 ug/L

RT: 3.865 min Scan# 801

Delta R.T. 0.000 min

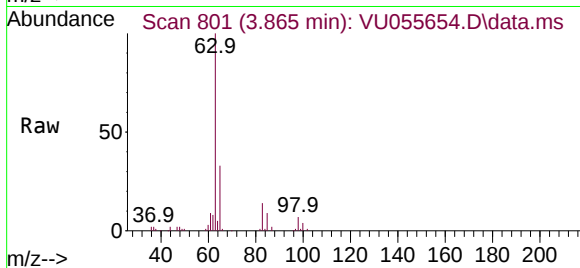
Lab File: VU055654.D

Acq: 04 Oct 2023 09:13

Instrument :

MSVOA_U

ClientSampleId :



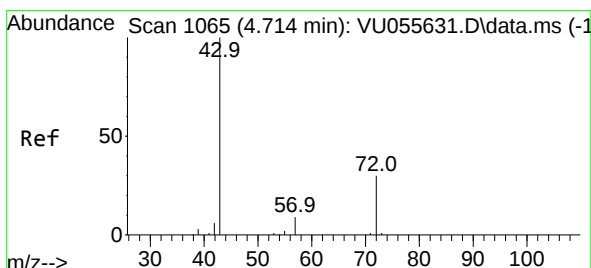
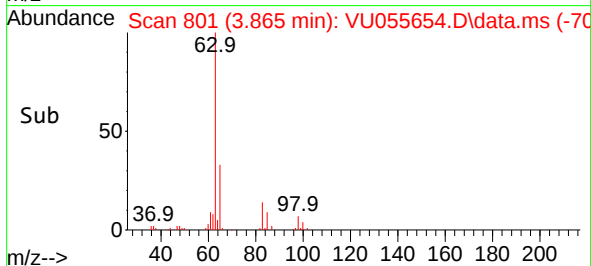
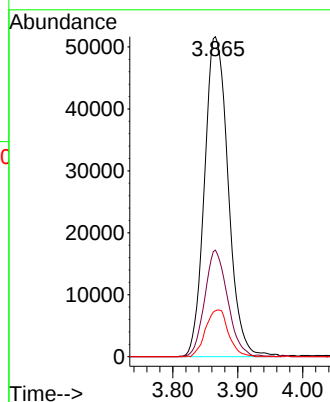
Tgt Ion: 63 Resp: 131139

Ion Ratio Lower Upper

63 100

65 33.3 22.0 41.0

83 14.4 10.1 18.9



#21

2-Butanone

Concen: 47.671 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. -0.006 min

Lab File: VU055654.D

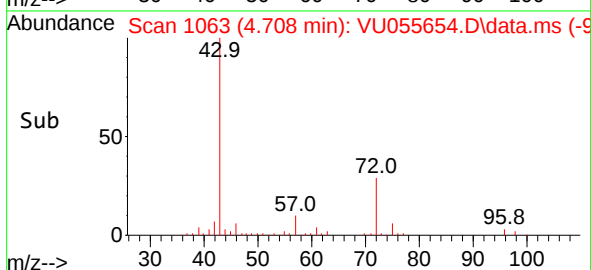
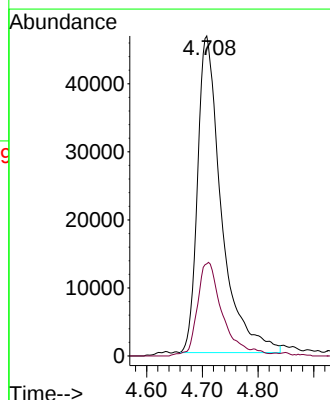
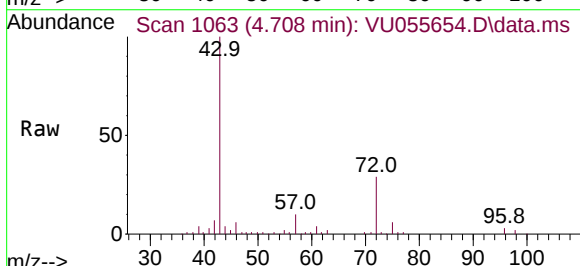
Acq: 04 Oct 2023 09:13

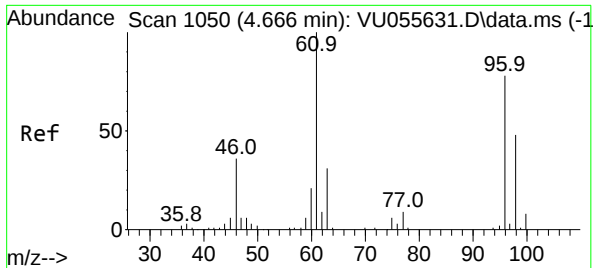
Tgt Ion: 43 Resp: 138896

Ion Ratio Lower Upper

43 100

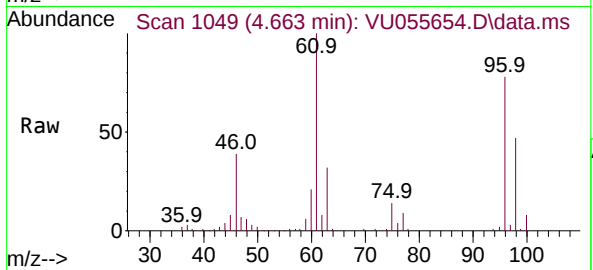
72 30.1 15.1 45.3



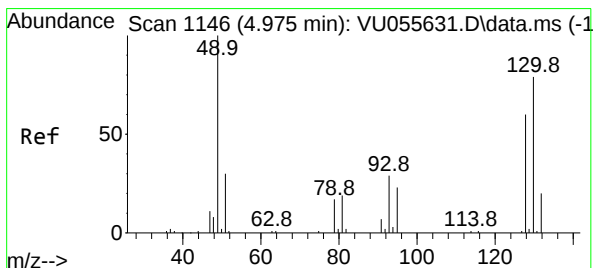
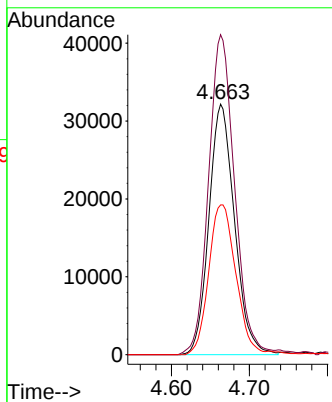
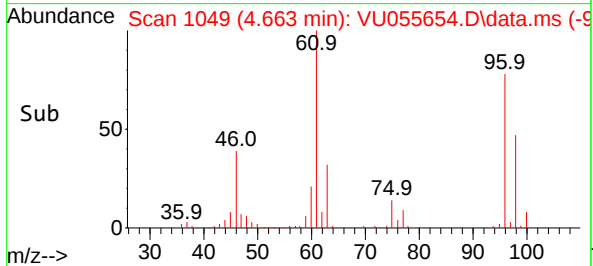


#22
 cis-1,2-Dichloroethene
 Concen: 4.722 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU055654.D
 Acq: 04 Oct 2023 09:13

Instrument :
 MSVOA_U
 ClientSampleId :

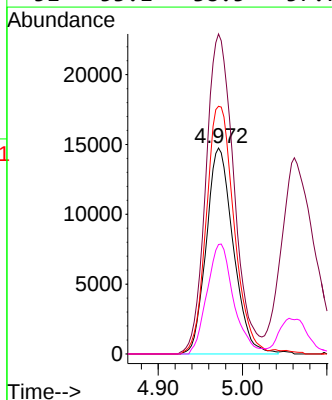
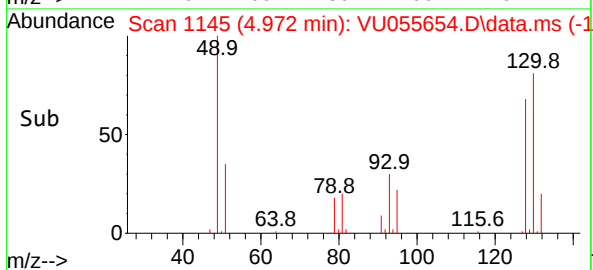
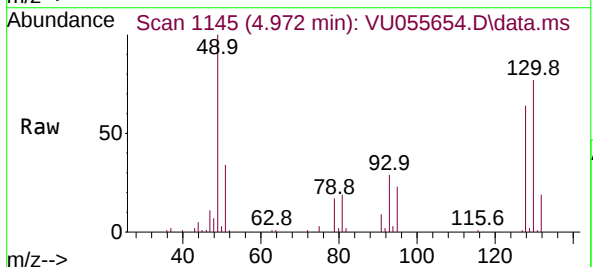


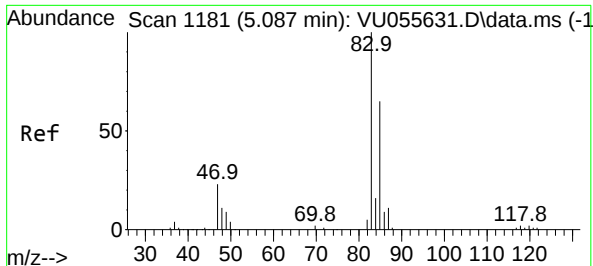
Tgt Ion:	96	Resp:	73655
Ion	Ratio	Lower	Upper
96	100		
61	127.7	87.8	163.2
98	59.8	44.4	82.4



#23
 Bromochloromethane
 Concen: 4.964 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. -0.003 min
 Lab File: VU055654.D
 Acq: 04 Oct 2023 09:13

Tgt Ion:	128	Resp:	32724
Ion	Ratio	Lower	Upper
128	100		
49	155.4	102.8	191.0
130	120.3	89.9	166.9
51	53.1	38.5	57.7





#25

Chloroform

Concen: 5.197 ug/L

RT: 5.084 min Scan# 1181

Delta R.T. -0.003 min

Lab File: VU055654.D

Acq: 04 Oct 2023 09:13

Instrument :

MSVOA_U

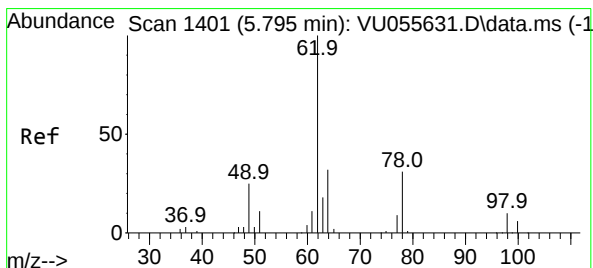
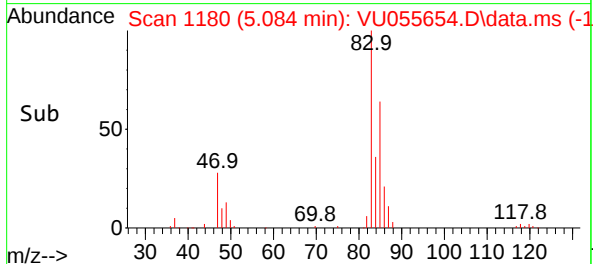
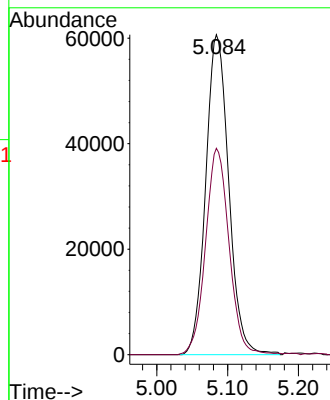
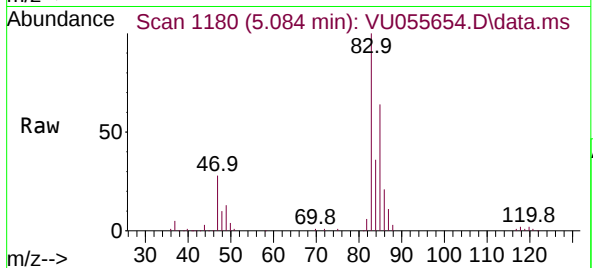
ClientSampleId :

Tgt Ion: 83 Resp: 136918

Ion Ratio Lower Upper

83 100

85 64.5 44.9 83.5



#27

1,2-Dichloroethane

Concen: 4.879 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. -0.003 min

Lab File: VU055654.D

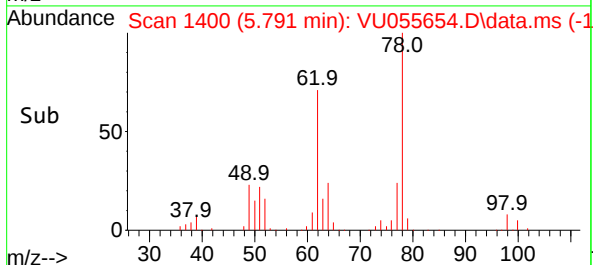
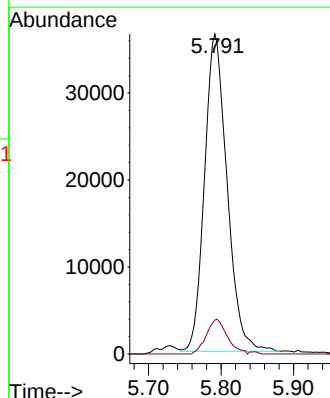
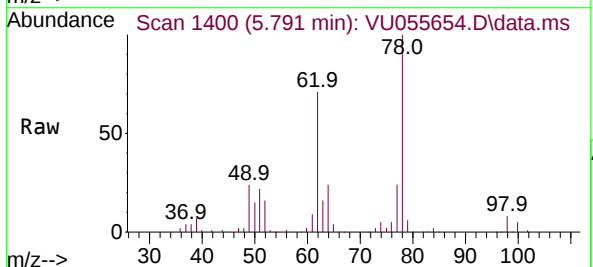
Acq: 04 Oct 2023 09:13

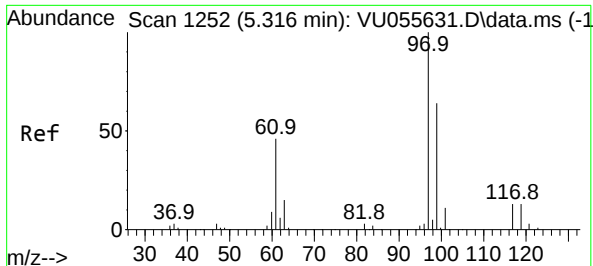
Tgt Ion: 62 Resp: 78825

Ion Ratio Lower Upper

62 100

98 10.6 7.0 10.4#





#29

1,1,1-Trichloroethane

Concen: 5.142 ug/L

RT: 5.316 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU055654.D

Acq: 04 Oct 2023 09:13

Instrument :

MSVOA_U

ClientSampleId :

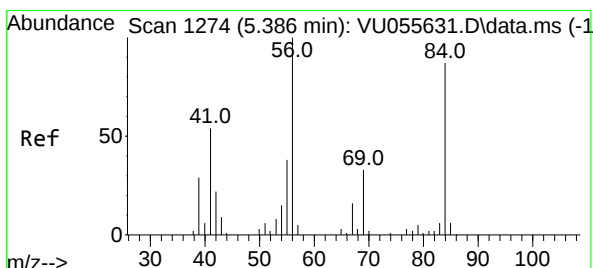
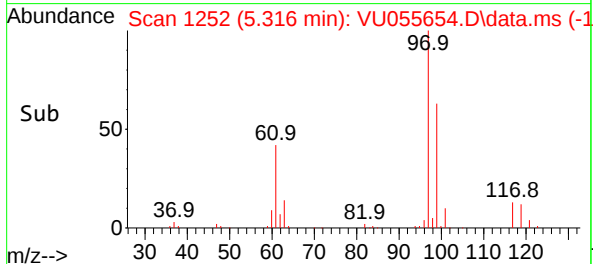
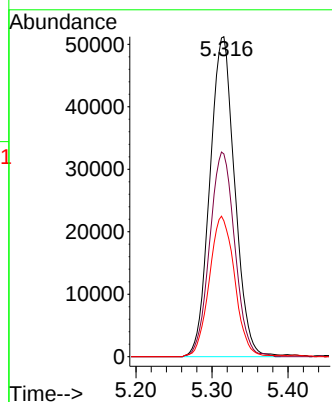
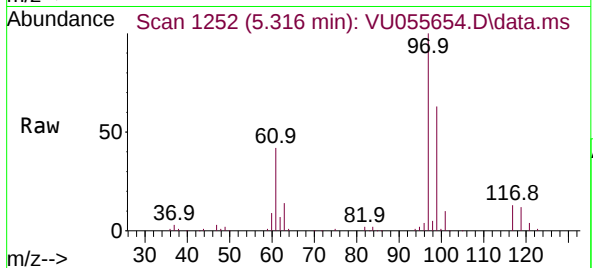
Tgt Ion: 97 Resp: 116272

Ion Ratio Lower Upper

97 100

99 64.7 50.7 76.1

61 44.7 34.6 51.8



#30

Cyclohexane

Concen: 4.677 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.000 min

Lab File: VU055654.D

Acq: 04 Oct 2023 09:13

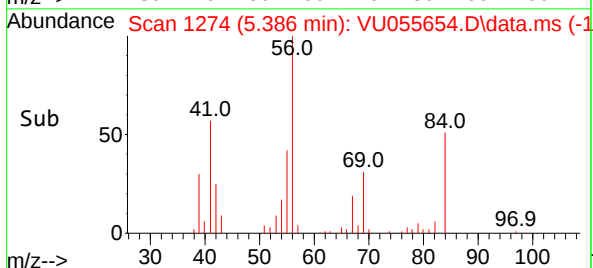
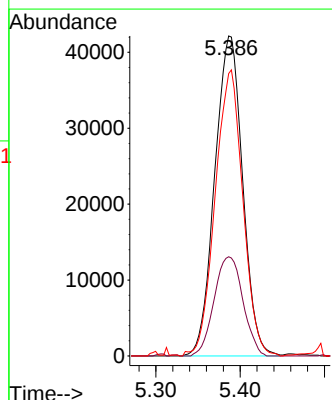
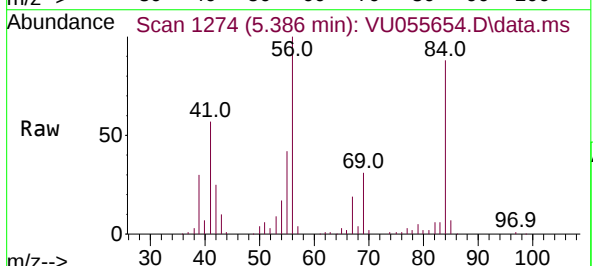
Tgt Ion: 56 Resp: 96814

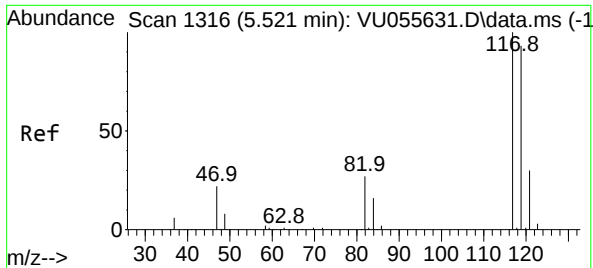
Ion Ratio Lower Upper

56 100

69 32.0 26.5 39.7

84 88.7 72.6 108.8

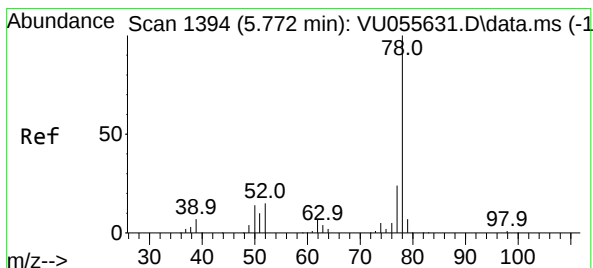
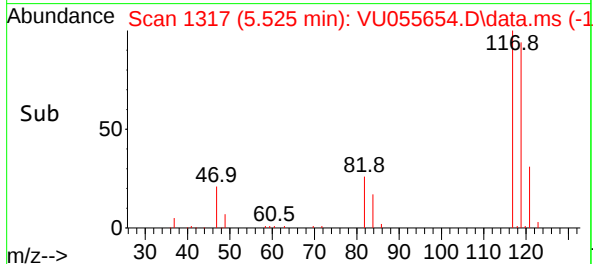
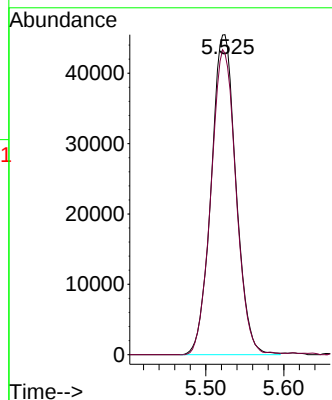
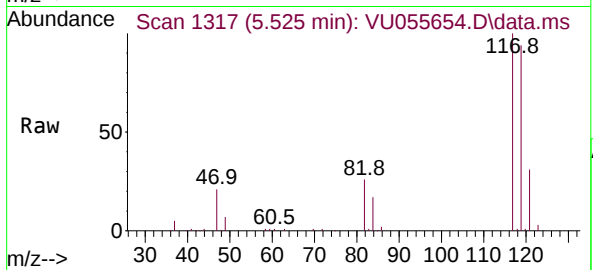




#31
Carbon tetrachloride
Concen: 5.184 ug/L
RT: 5.525 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU055654.D
Acq: 04 Oct 2023 09:13

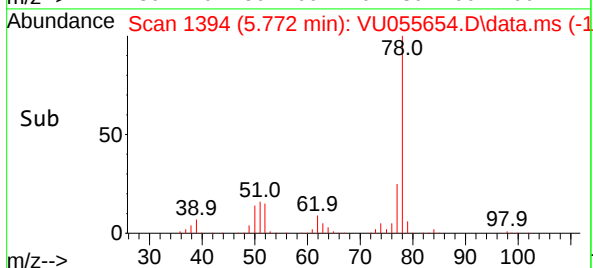
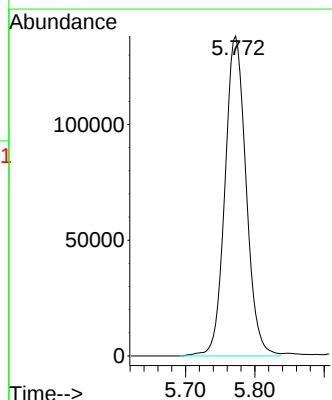
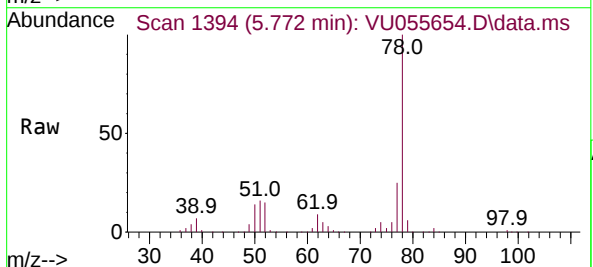
Instrument :
MSVOA_U
ClientSampleId :

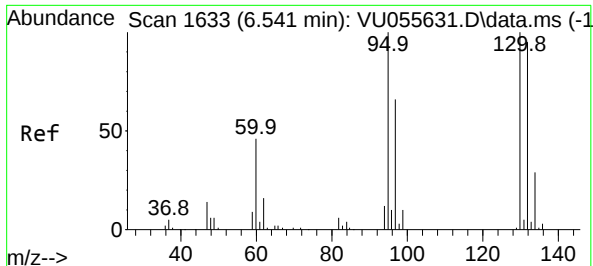
Tgt Ion:117 Resp: 100484
Ion Ratio Lower Upper
117 100
119 95.9 75.2 112.8



#33
Benzene
Concen: 5.138 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VU055654.D
Acq: 04 Oct 2023 09:13

Tgt Ion: 78 Resp: 293349





#34

Trichloroethene

Concen: 4.880 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055654.D

Acq: 04 Oct 2023 09:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 78801

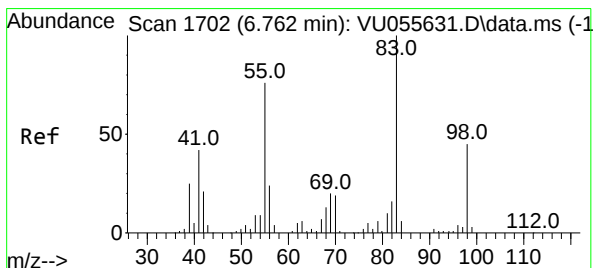
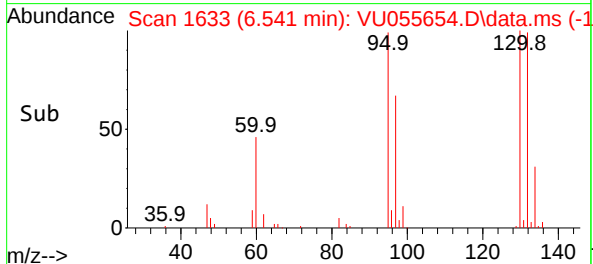
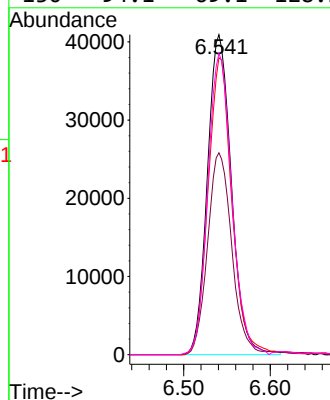
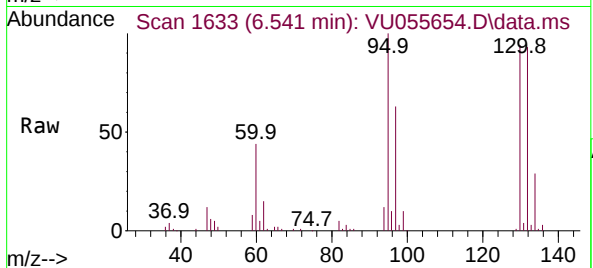
Ion Ratio Lower Upper

95 100

97 63.1 45.4 84.2

132 92.8 65.2 121.2

130 94.1 69.1 128.3



#35

Methylcyclohexane

Concen: 4.507 ug/L

RT: 6.762 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VU055654.D

Acq: 04 Oct 2023 09:13

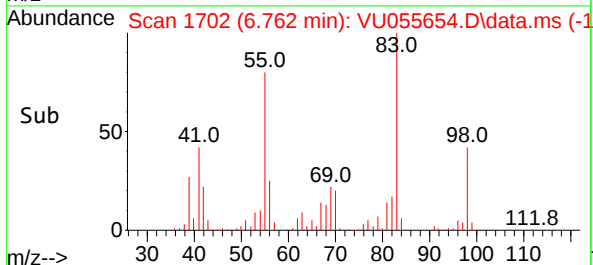
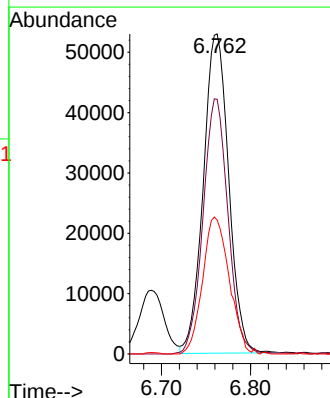
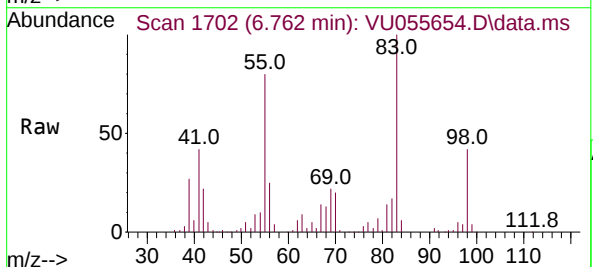
Tgt Ion: 83 Resp: 104837

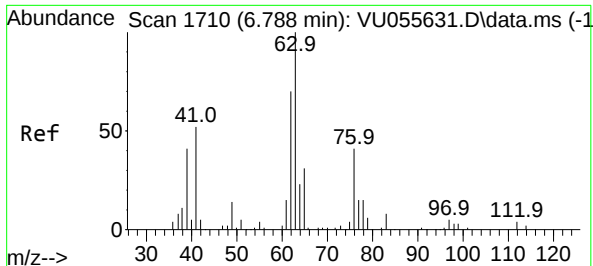
Ion Ratio Lower Upper

83 100

55 78.7 59.1 88.7

98 45.0 36.3 54.5

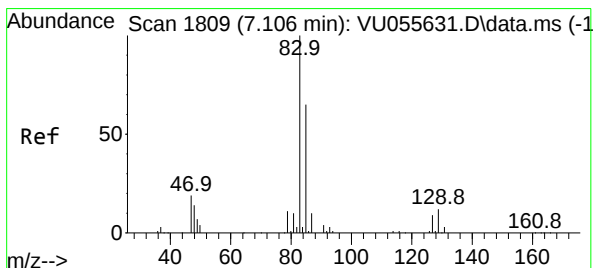
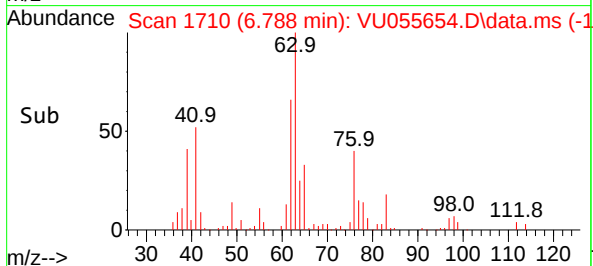
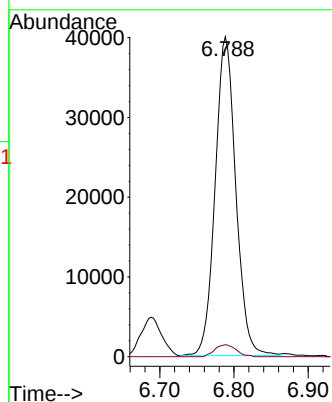
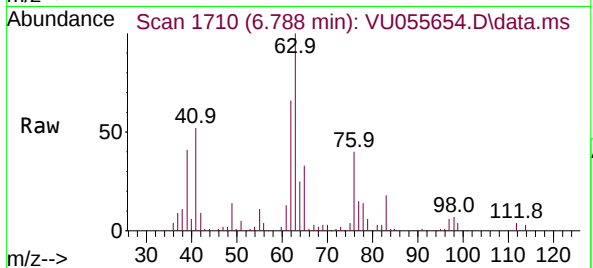




#37
1,2-Dichloropropane
Concen: 5.186 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VU055654.D
Acq: 04 Oct 2023 09:13

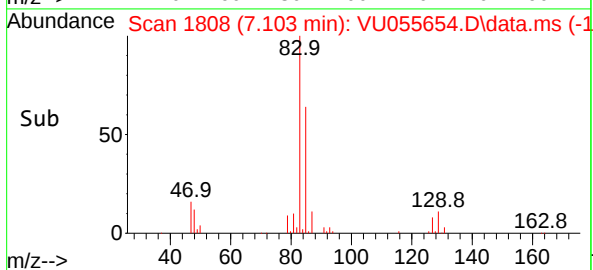
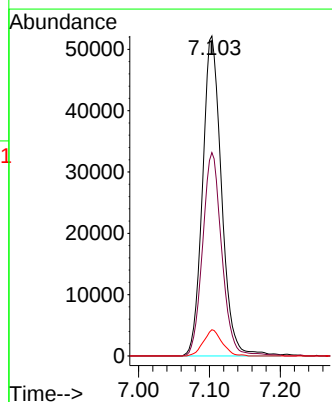
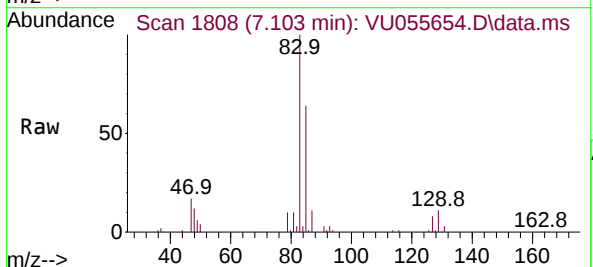
Instrument :
MSVOA_U
ClientSampleId :

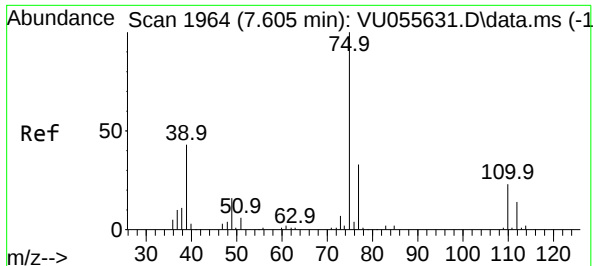
Tgt Ion: 63 Resp: 77439
Ion Ratio Lower Upper
63 100
112 3.9 3.0 4.6



#38
Bromodichloromethane
Concen: 5.549 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. -0.003 min
Lab File: VU055654.D
Acq: 04 Oct 2023 09:13

Tgt Ion: 83 Resp: 97097
Ion Ratio Lower Upper
83 100
85 63.6 46.8 86.8
127 8.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.865 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU055654.D

Acq: 04 Oct 2023 09:13

Instrument :

MSVOA_U

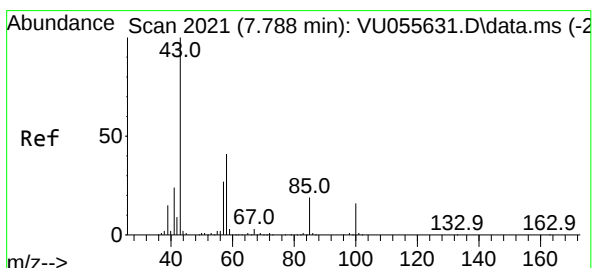
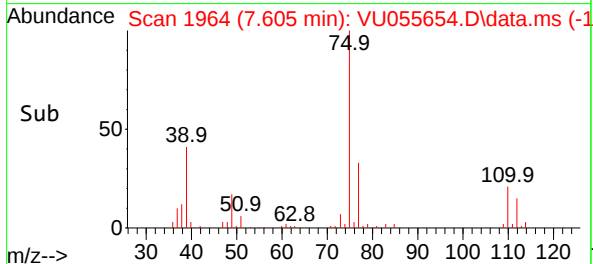
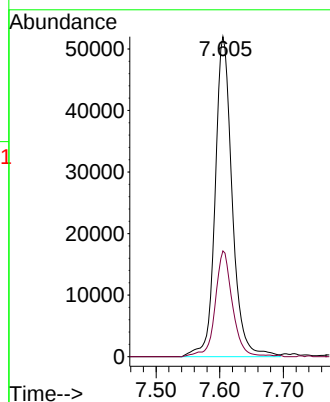
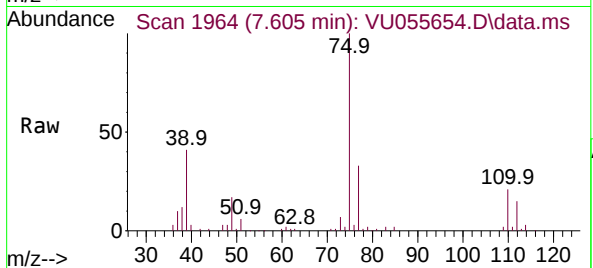
ClientSampleId :

Tgt Ion: 75 Resp: 96942

Ion Ratio Lower Upper

75 100

77 33.0 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 51.710 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU055654.D

Acq: 04 Oct 2023 09:13

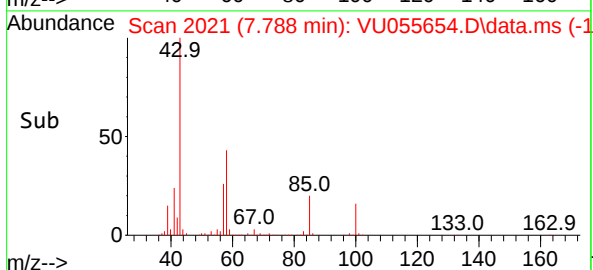
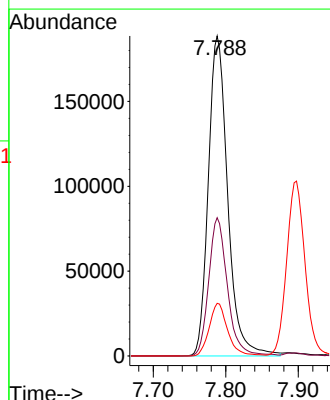
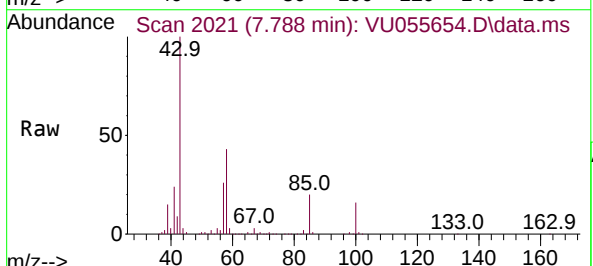
Tgt Ion: 43 Resp: 350231

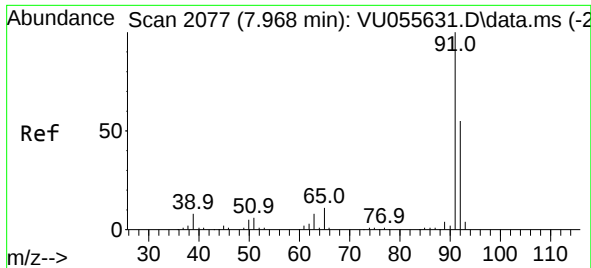
Ion Ratio Lower Upper

43 100

58 41.8 34.2 51.4

100 15.7 13.4 20.0





#42

Toluene

Concen: 5.070 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VU055654.D

Acq: 04 Oct 2023 09:13

Instrument :

MSVOA_U

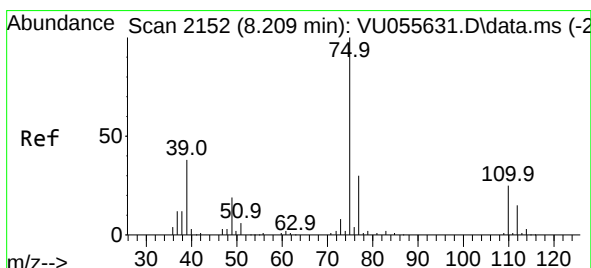
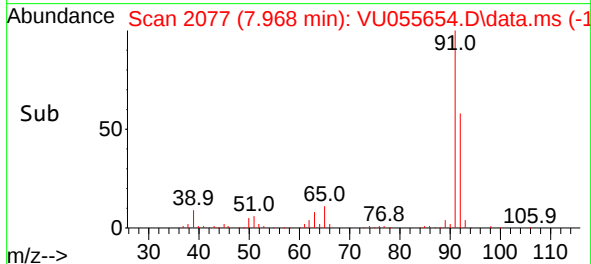
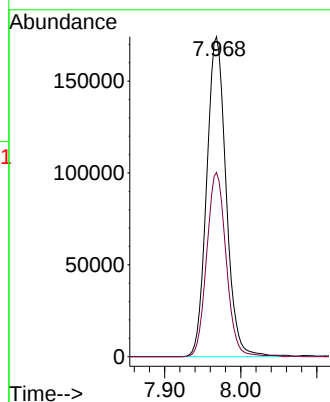
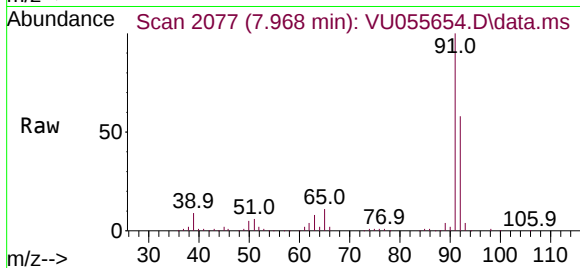
ClientSampleId :

Tgt Ion: 91 Resp: 308728

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.865 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU055654.D

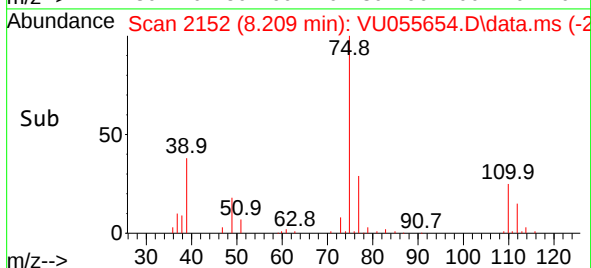
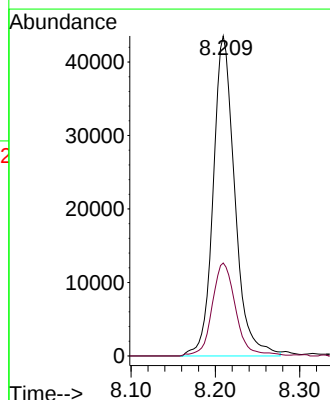
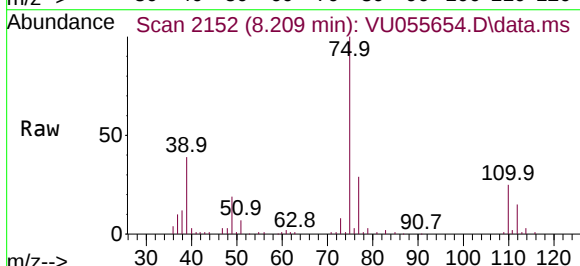
Acq: 04 Oct 2023 09:13

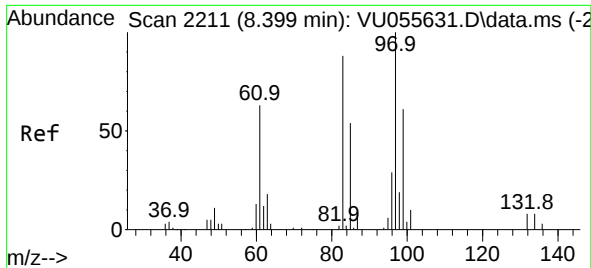
Tgt Ion: 75 Resp: 77565

Ion Ratio Lower Upper

75 100

77 29.1 21.8 40.4

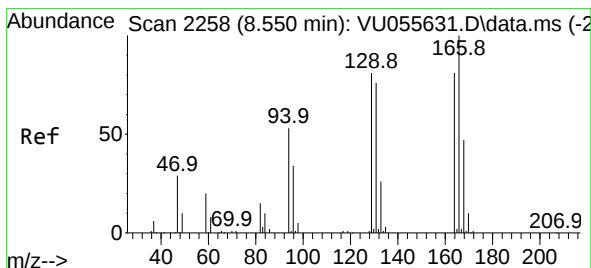
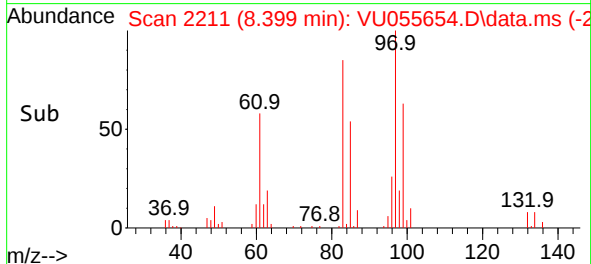
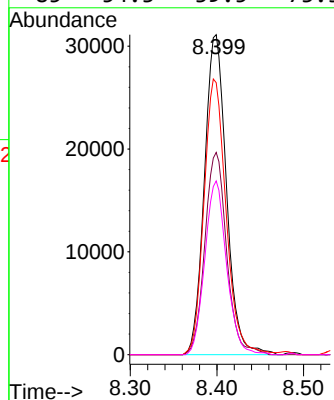
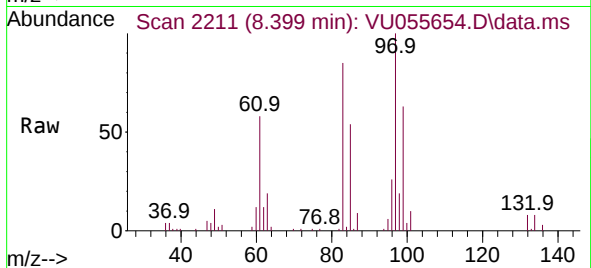




#45
1,1,2-Trichloroethane
Concen: 5.253 ug/L
RT: 8.399 min Scan# 2211
Delta R.T. 0.000 min
Lab File: VU055654.D
Acq: 04 Oct 2023 09:13

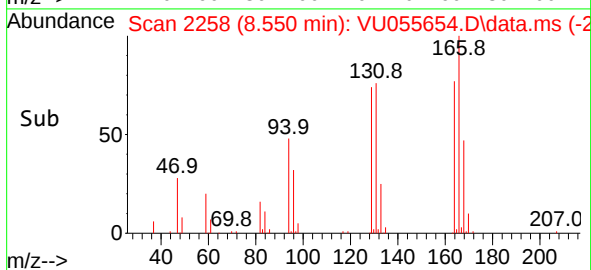
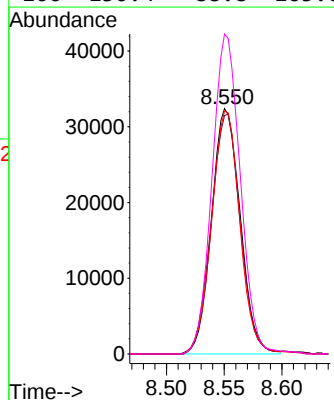
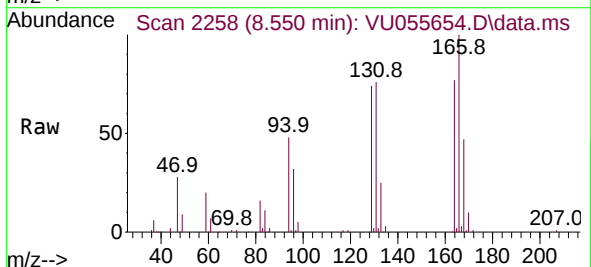
Instrument :
MSVOA_U
ClientSampleId :

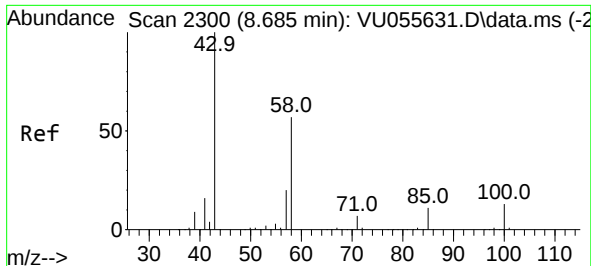
Tgt Ion:	97	Resp:	54988
Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.1	81.9
83	85.0	61.5	114.1
85	54.3	39.5	73.3



#47
Tetrachloroethene
Concen: 4.829 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055654.D
Acq: 04 Oct 2023 09:13

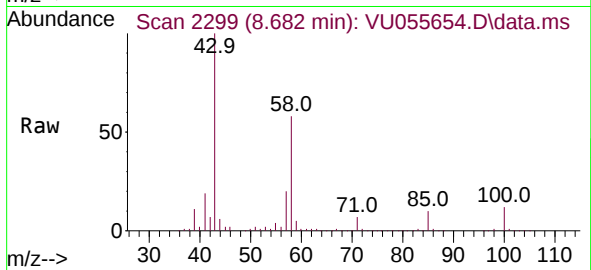
Tgt Ion:	164	Resp:	55945
Ion	Ratio	Lower	Upper
164	100		
129	97.1	67.4	125.2
131	99.0	66.4	123.2
166	130.4	88.8	165.0





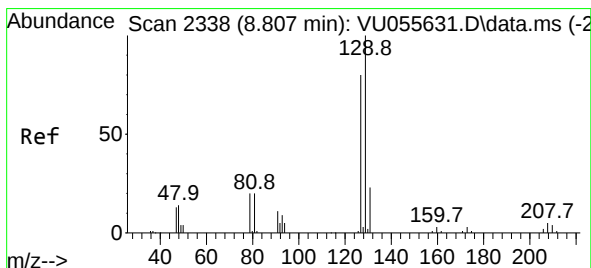
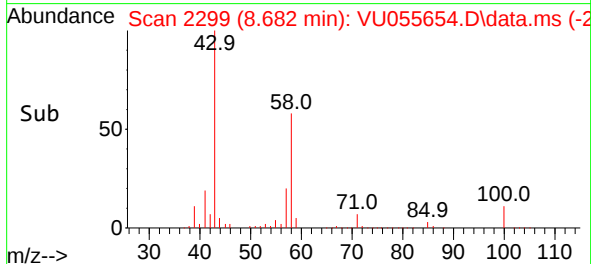
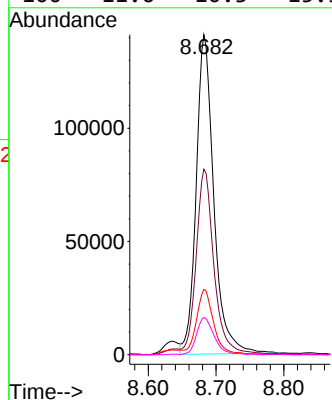
#48
2-Hexanone
Concen: 48.611 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055654.D
Acq: 04 Oct 2023 09:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 255168

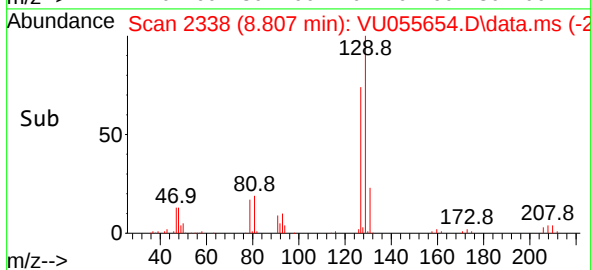
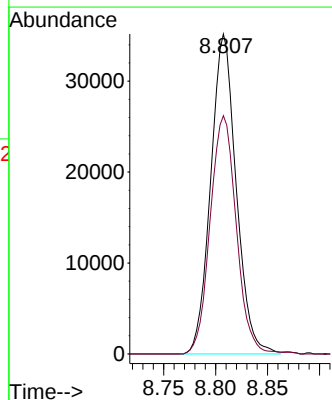
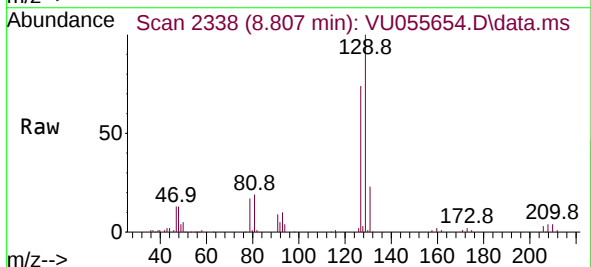
Ion	Ratio	Lower	Upper
43	100		
58	57.8	48.5	72.7
57	19.8	17.0	25.4
100	11.6	10.3	15.5

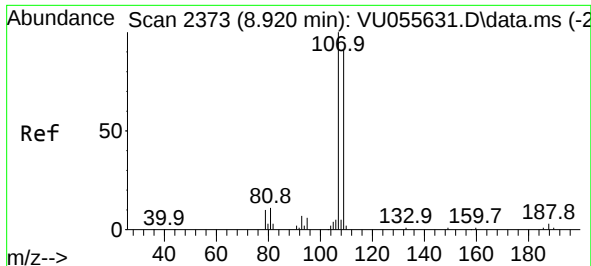


#49
Dibromochloromethane
Concen: 5.473 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055654.D
Acq: 04 Oct 2023 09:13

Tgt Ion: 129 Resp: 60060

Ion	Ratio	Lower	Upper
129	100		
127	74.4	56.8	105.6





#50

1,2-Dibromoethane

Concen: 5.096 ug/L

RT: 8.923 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU055654.D

Acq: 04 Oct 2023 09:13

Instrument :

MSVOA_U

ClientSampleId :

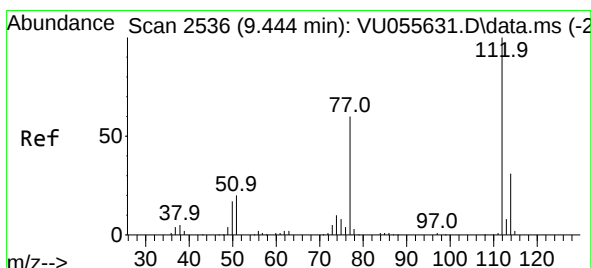
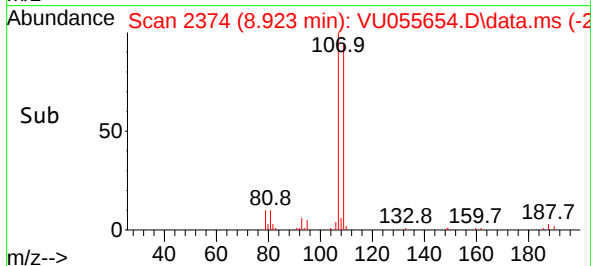
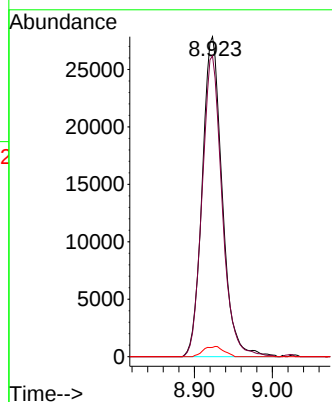
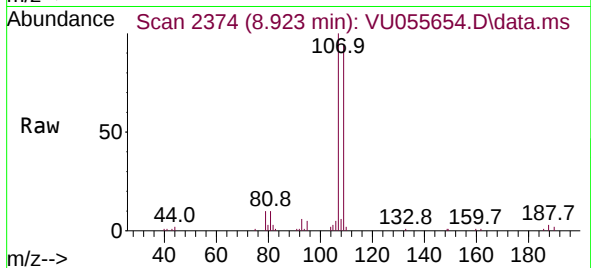
Tgt Ion:107 Resp: 49515

Ion Ratio Lower Upper

107 100

109 94.0 66.1 122.8

188 2.9 3.2 4.8#



#51

Chlorobenzene

Concen: 4.954 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU055654.D

Acq: 04 Oct 2023 09:13

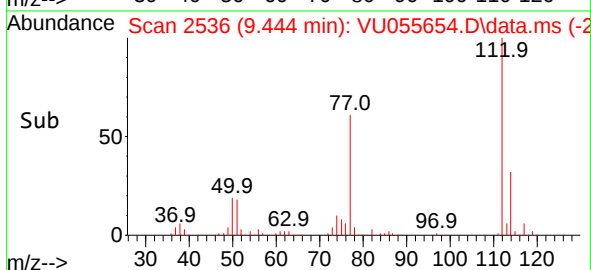
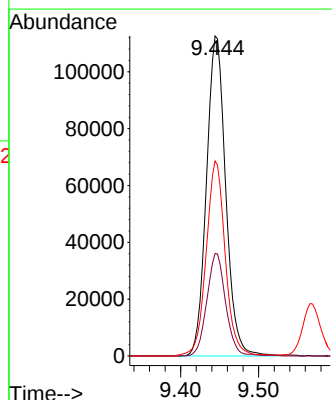
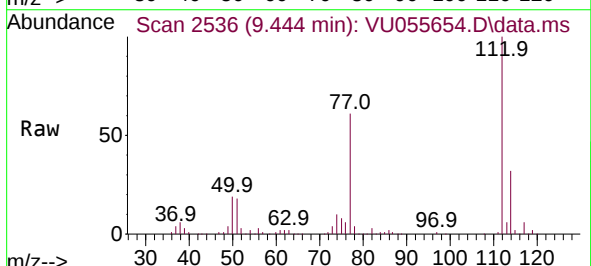
Tgt Ion:112 Resp: 193240

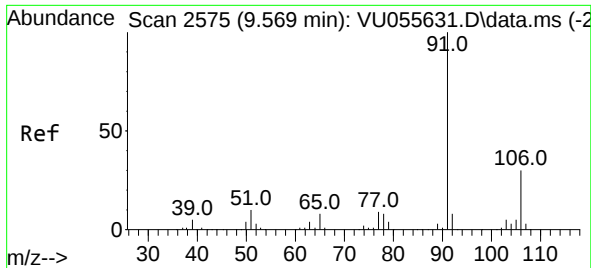
Ion Ratio Lower Upper

112 100

114 32.0 22.0 40.8

77 60.9 46.9 70.3

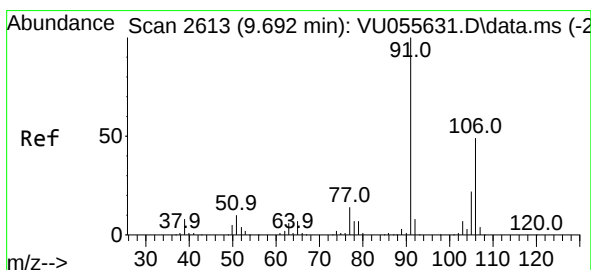
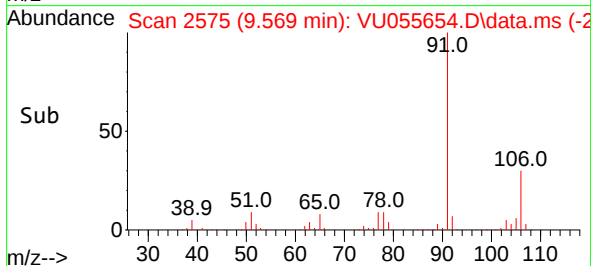
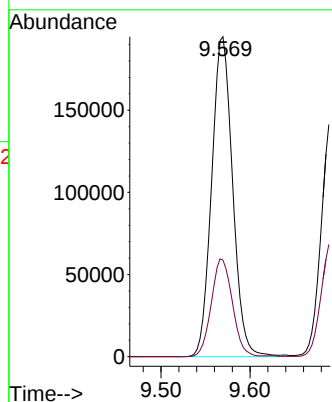
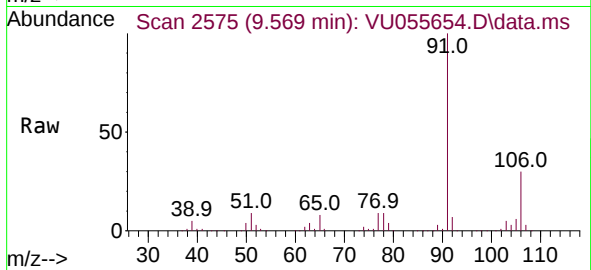




#52
Ethylbenzene
Concen: 4.878 ug/L
RT: 9.569 min Scan# 2575
Delta R.T. 0.000 min
Lab File: VU055654.D
Acq: 04 Oct 2023 09:13

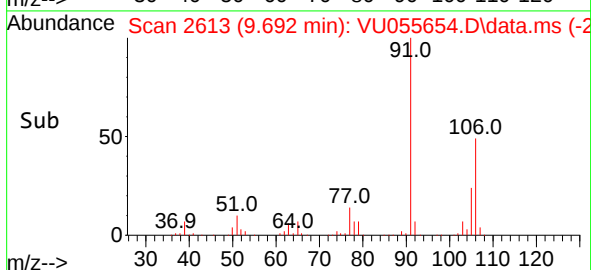
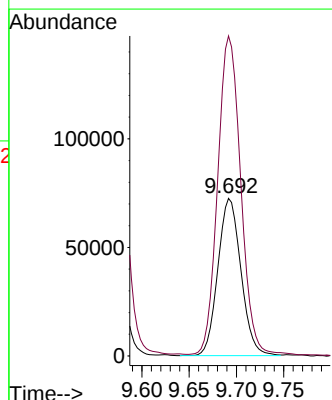
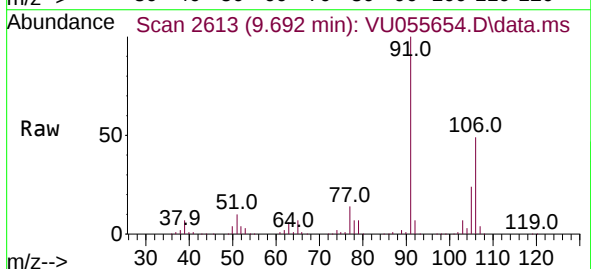
Instrument :
MSVOA_U
ClientSampleId :

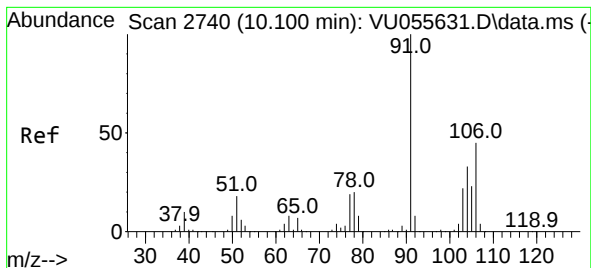
Tgt Ion: 91 Resp: 318459
Ion Ratio Lower Upper
91 100
106 30.2 22.4 41.6



#53
m,p-Xylene
Concen: 5.017 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055654.D
Acq: 04 Oct 2023 09:13

Tgt Ion: 106 Resp: 122746
Ion Ratio Lower Upper
106 100
91 203.0 144.8 269.0





#54

o-Xylene

Concen: 4.866 ug/L

RT: 10.097 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU055654.D

Acq: 04 Oct 2023 09:13

Instrument :

MSVOA_U

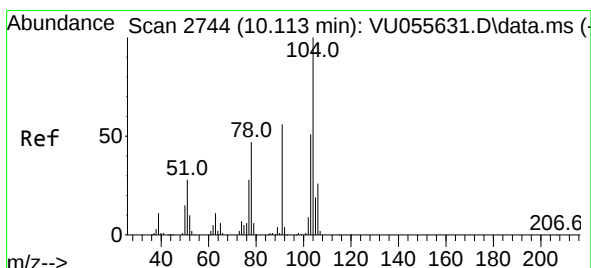
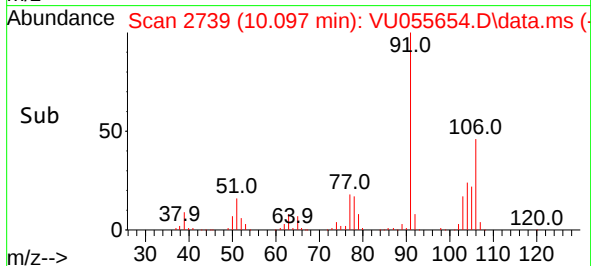
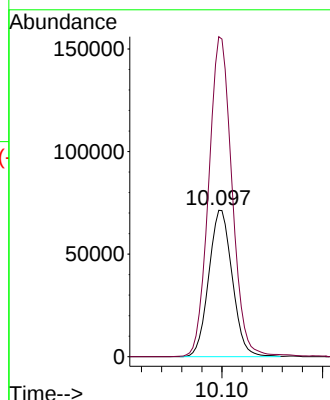
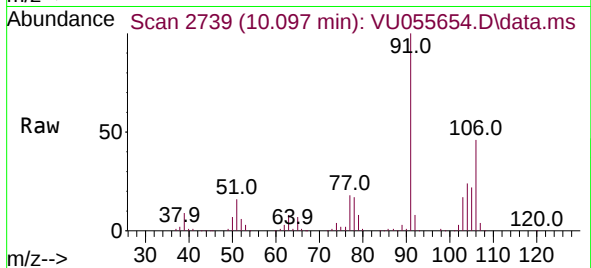
ClientSampleId :

Tgt Ion:106 Resp: 115745

Ion Ratio Lower Upper

106 100

91 218.5 157.6 292.8



#55

Styrene

Concen: 5.147 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.000 min

Lab File: VU055654.D

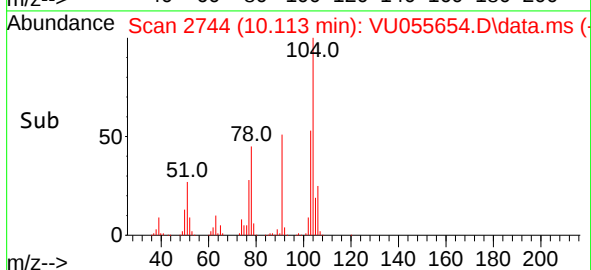
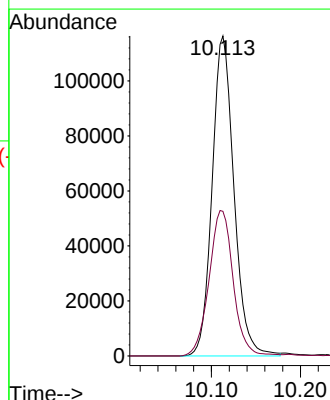
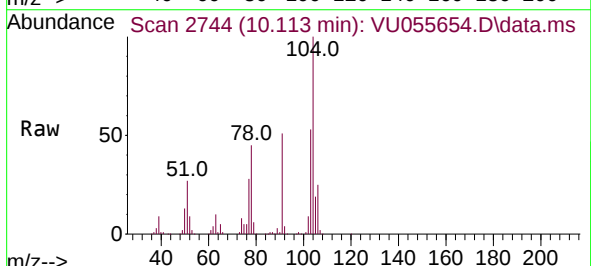
Acq: 04 Oct 2023 09:13

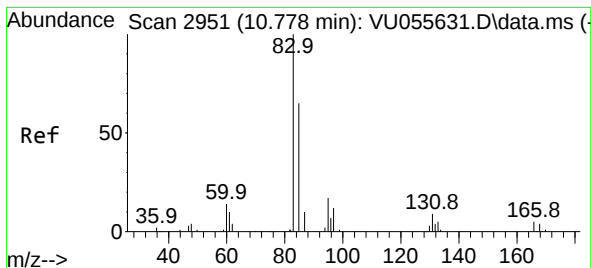
Tgt Ion:104 Resp: 197953

Ion Ratio Lower Upper

104 100

78 45.2 31.2 58.0

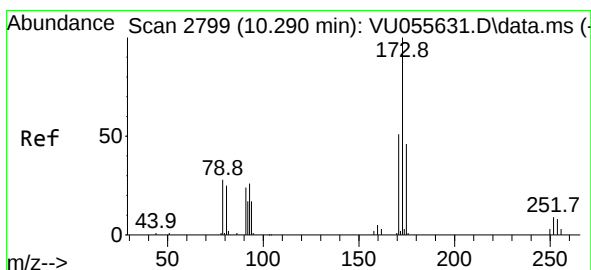
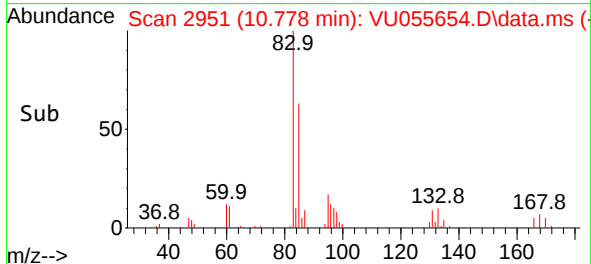
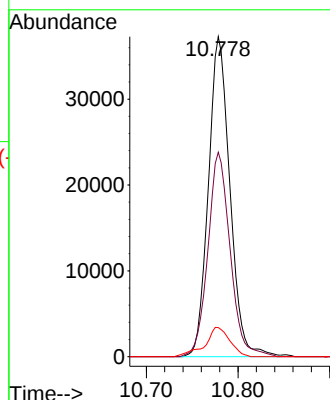
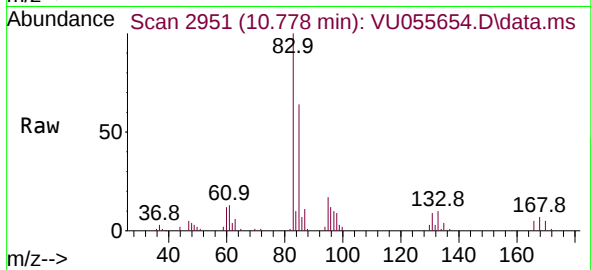




#57
1,1,2,2-Tetrachloroethane
Concen: 5.149 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055654.D
Acq: 04 Oct 2023 09:13

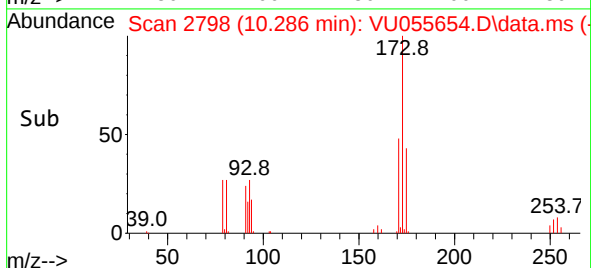
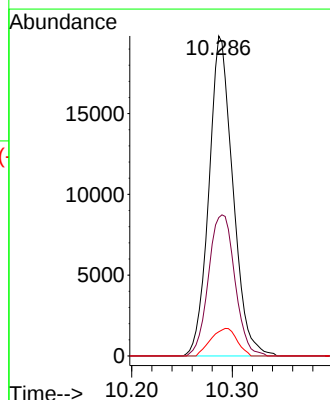
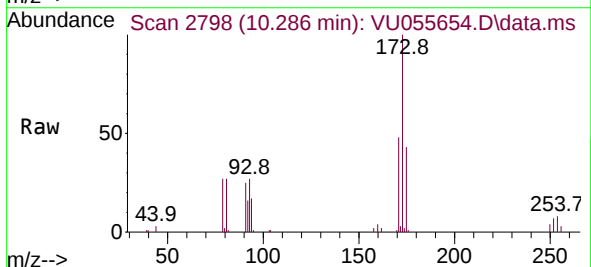
Instrument :
MSVOA_U
ClientSampleId :

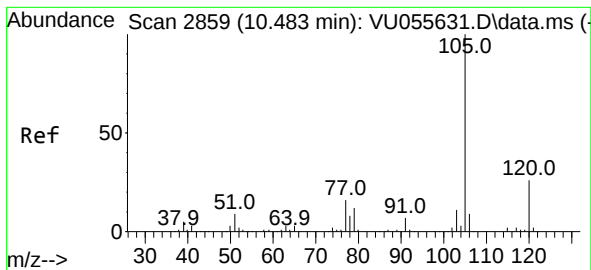
Tgt Ion: 83 Resp: 60855
Ion Ratio Lower Upper
83 100
85 63.9 44.4 82.5
131 9.1 7.4 11.2



#59
Bromoform
Concen: 5.453 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.003 min
Lab File: VU055654.D
Acq: 04 Oct 2023 09:13

Tgt Ion:173 Resp: 32806
Ion Ratio Lower Upper
173 100
175 48.5 39.4 59.2
254 9.3 7.3 10.9





#60

Isopropylbenzene

Concen: 4.782 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU055654.D

Acq: 04 Oct 2023 09:13

Instrument :

MSVOA_U

ClientSampleId :

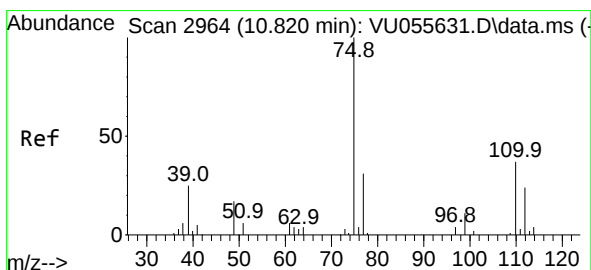
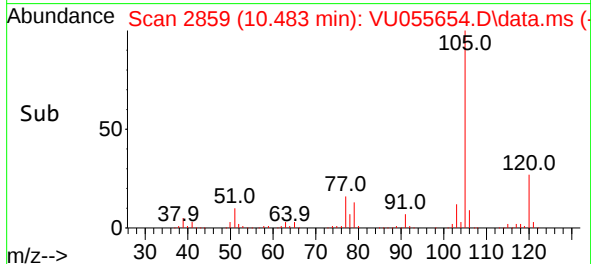
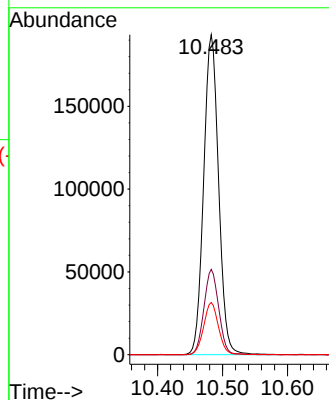
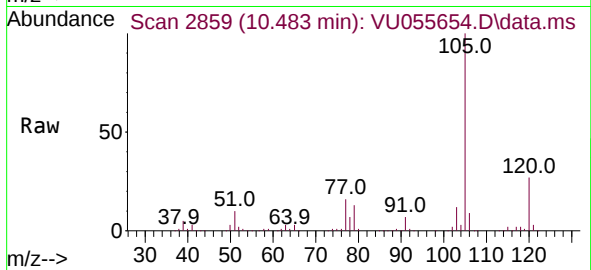
Tgt Ion:105 Resp: 309385

Ion Ratio Lower Upper

105 100

120 26.3 20.8 31.2

77 16.2 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.145 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. 0.000 min

Lab File: VU055654.D

Acq: 04 Oct 2023 09:13

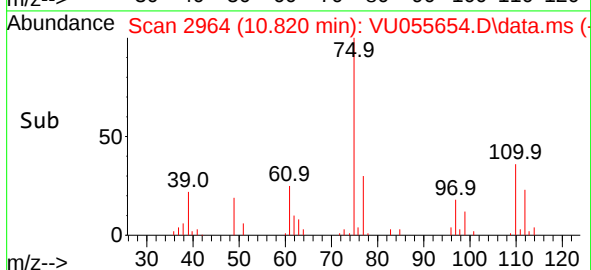
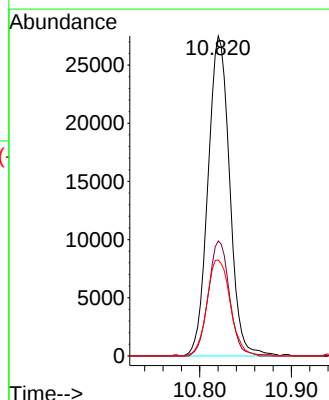
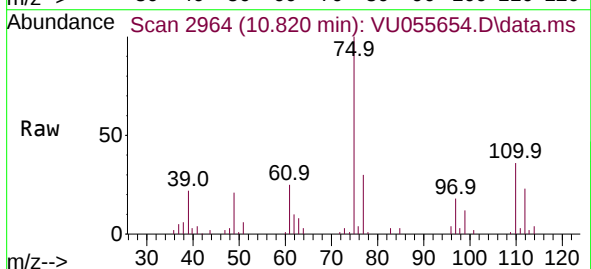
Tgt Ion: 75 Resp: 45086

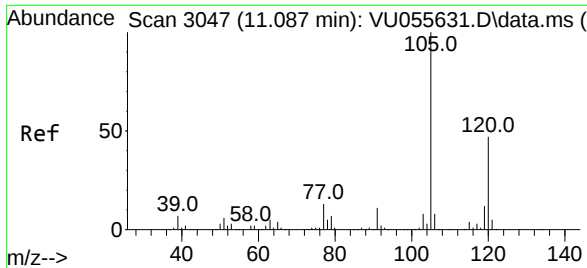
Ion Ratio Lower Upper

75 100

110 34.9 30.6 45.8

77 32.5 26.7 40.1

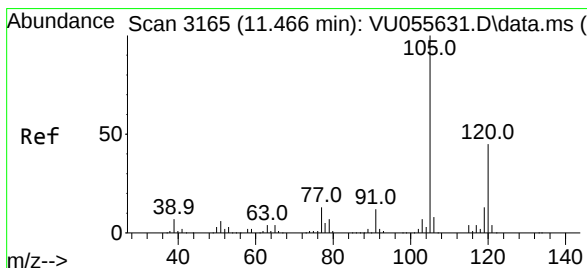
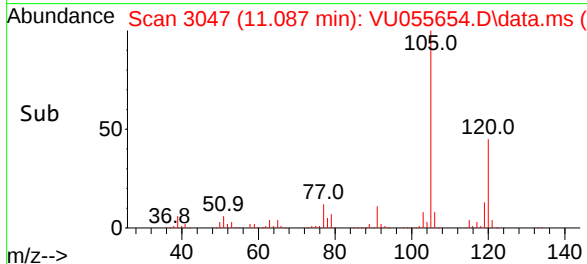
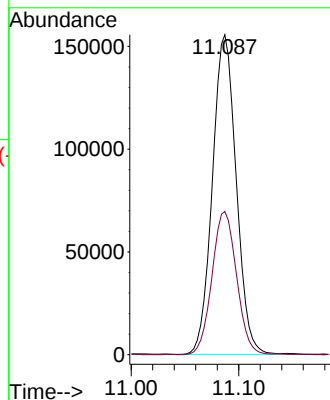
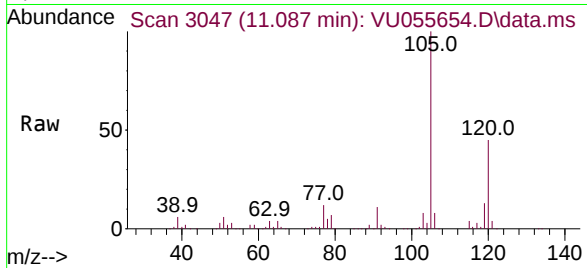




#62
 1,3,5-Trimethylbenzene
 Concen: 4.620 ug/L
 RT: 11.087 min Scan# 3047
 Delta R.T. 0.000 min
 Lab File: VU055654.D
 Acq: 04 Oct 2023 09:13

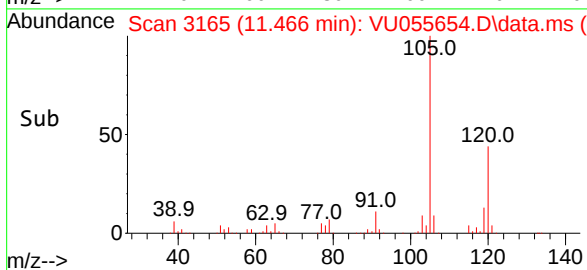
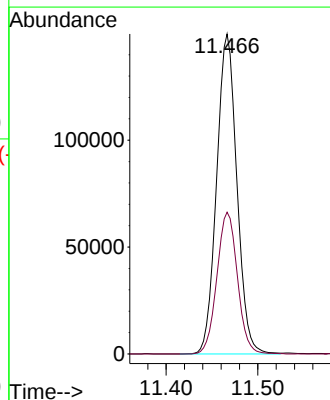
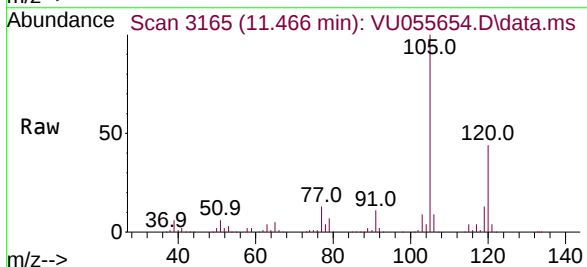
Instrument :
 MSVOA_U
 ClientSampleId :

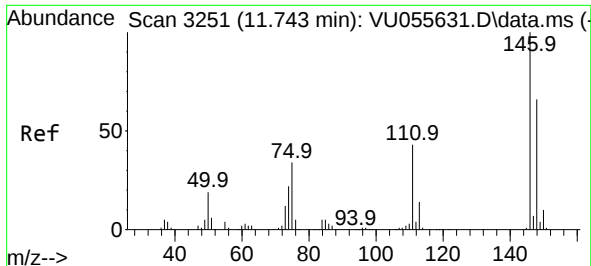
Tgt Ion:105 Resp: 239036
 Ion Ratio Lower Upper
 105 100
 120 46.5 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 4.533 ug/L
 RT: 11.466 min Scan# 3165
 Delta R.T. 0.000 min
 Lab File: VU055654.D
 Acq: 04 Oct 2023 09:13

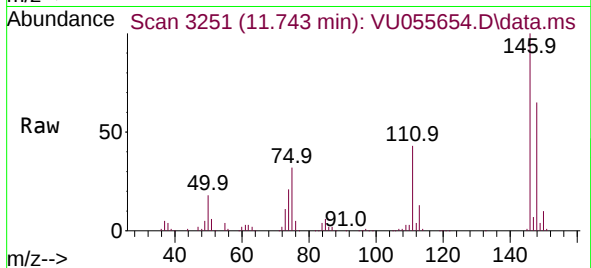
Tgt Ion:105 Resp: 229566
 Ion Ratio Lower Upper
 105 100
 120 44.9 34.9 52.3



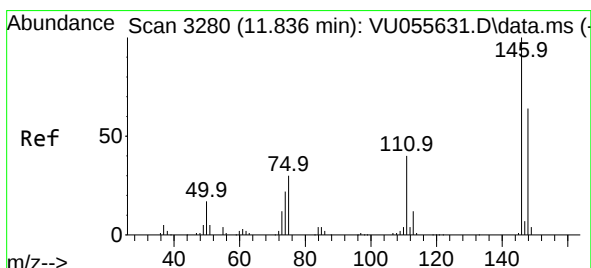
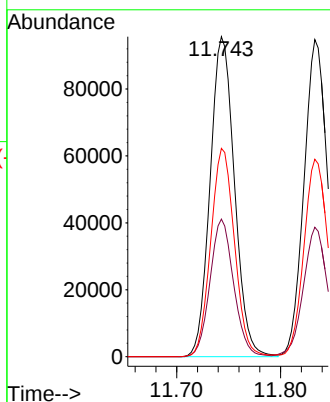
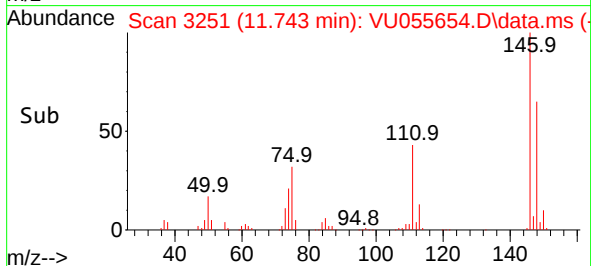


#64
1,3-Dichlorobenzene
Concen: 5.026 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055654.D
Acq: 04 Oct 2023 09:13

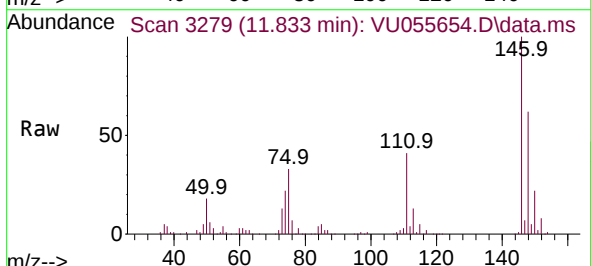
Instrument :
MSVOA_U
ClientSampleId :



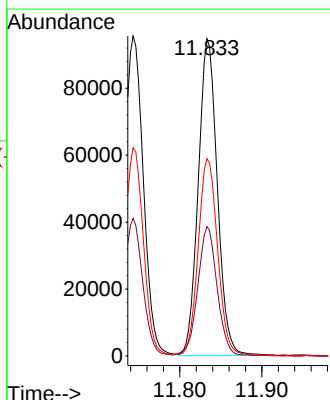
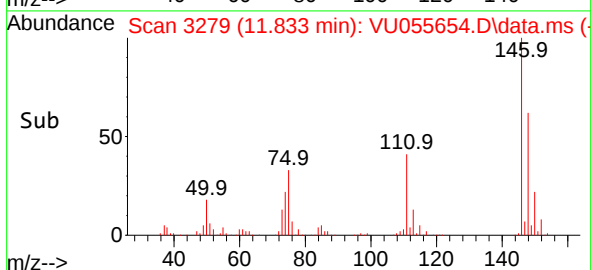
Tgt Ion:146 Resp: 155668
Ion Ratio Lower Upper
146 100
111 43.0 28.8 53.6
148 65.1 44.6 82.8

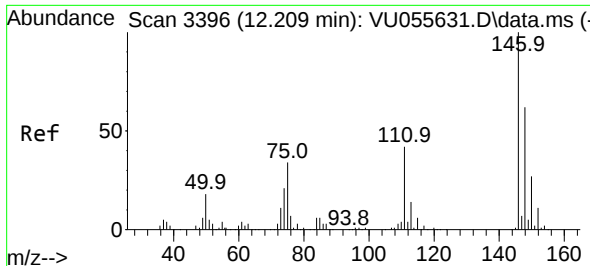


#65
1,4-Dichlorobenzene
Concen: 4.934 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.003 min
Lab File: VU055654.D
Acq: 04 Oct 2023 09:13



Tgt Ion:146 Resp: 152725
Ion Ratio Lower Upper
146 100
111 40.8 29.0 53.8
148 62.3 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 4.924 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU055654.D

Acq: 04 Oct 2023 09:13

Instrument :

MSVOA_U

ClientSampleId :

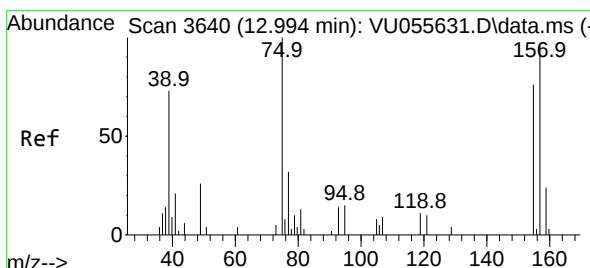
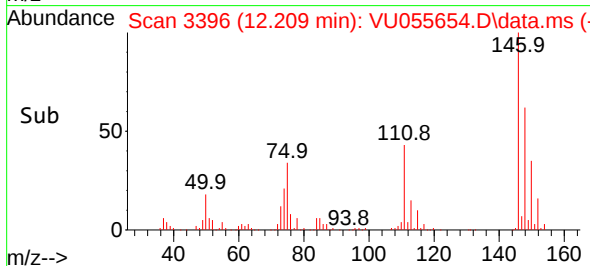
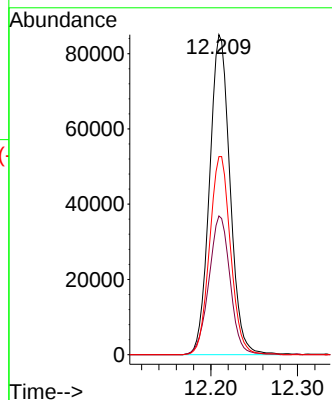
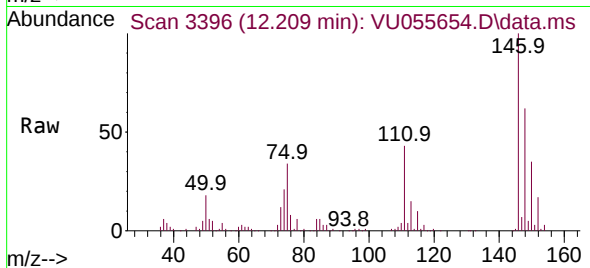
Tgt Ion:146 Resp: 139814

Ion Ratio Lower Upper

146 100

111 43.3 34.6 52.0

148 61.9 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.421 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU055654.D

Acq: 04 Oct 2023 09:13

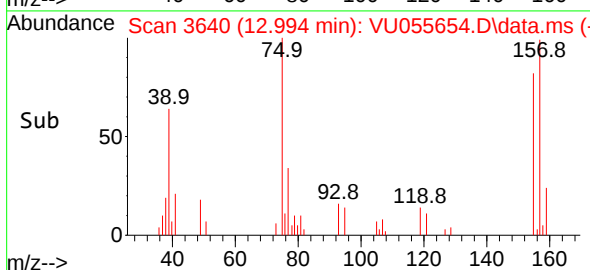
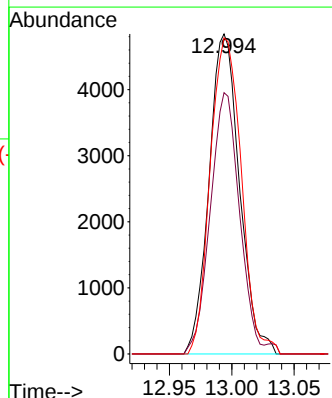
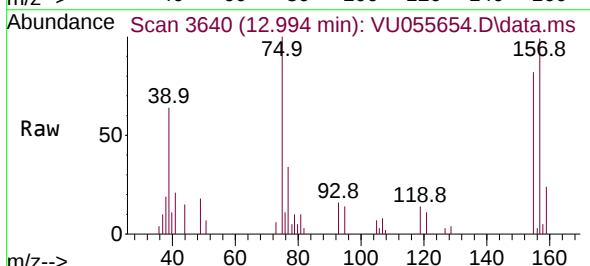
Tgt Ion: 75 Resp: 8233

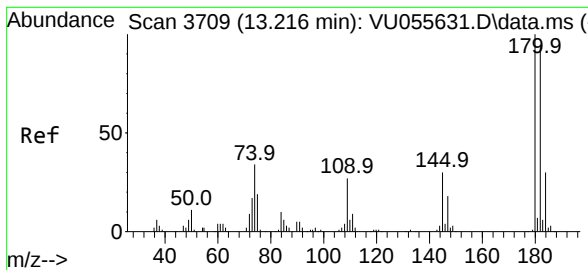
Ion Ratio Lower Upper

75 100

155 81.6 69.2 103.8

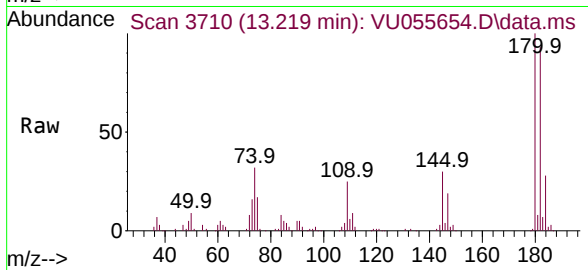
157 98.8 81.9 122.9



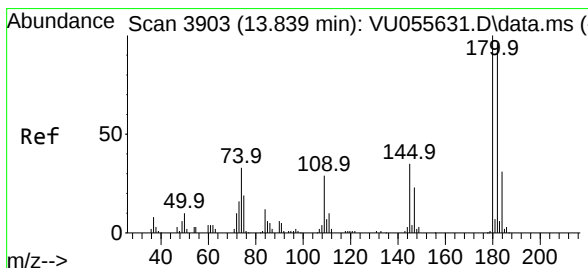
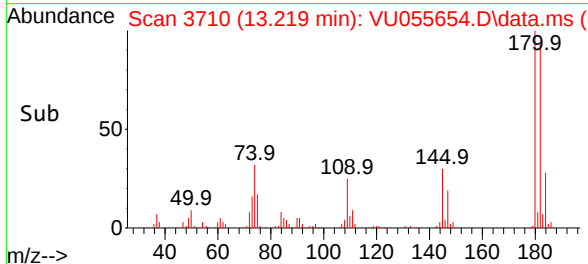
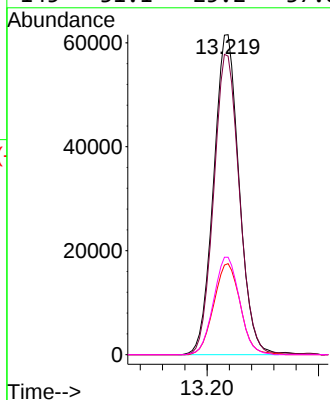


#69
 1,3,5-Trichlorobenzene
 Concen: 4.590 ug/L
 RT: 13.219 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU055654.D
 Acq: 04 Oct 2023 09:13

Instrument :
 MSVOA_U
 ClientSampleId :

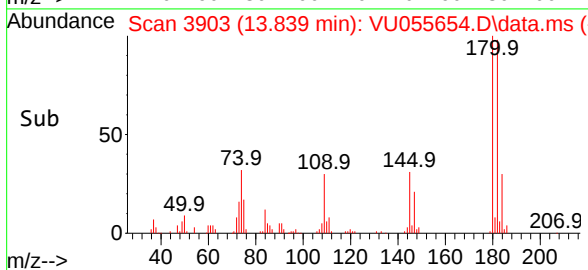
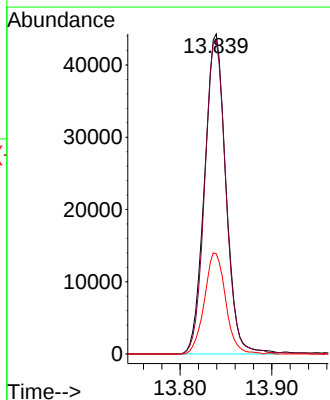
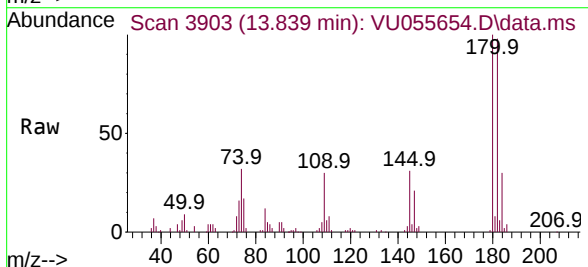


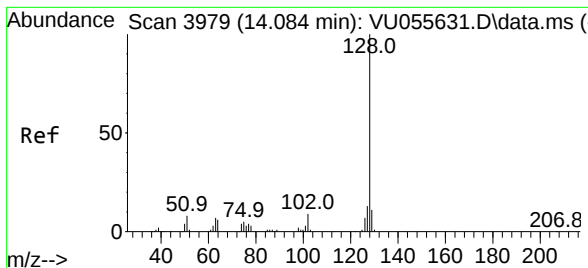
Tgt Ion:180 Resp: 97908
 Ion Ratio Lower Upper
 180 100
 182 94.6 77.1 115.7
 184 29.5 24.0 36.0
 145 31.1 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.418 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. 0.000 min
 Lab File: VU055654.D
 Acq: 04 Oct 2023 09:13

Tgt Ion:180 Resp: 71840
 Ion Ratio Lower Upper
 180 100
 182 97.1 76.4 114.6
 145 31.4 25.4 38.0





#71

Naphthalene

Concen: 3.965 ug/L

RT: 14.087 min Scan# 3979

Delta R.T. 0.003 min

Lab File: VU055654.D

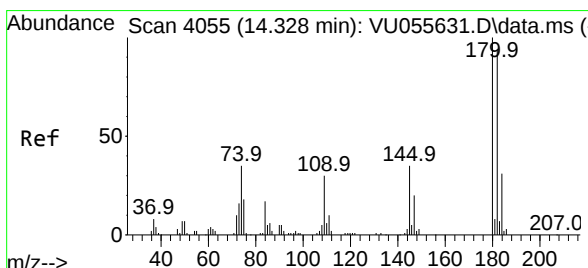
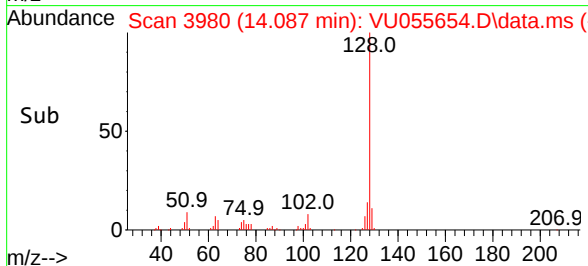
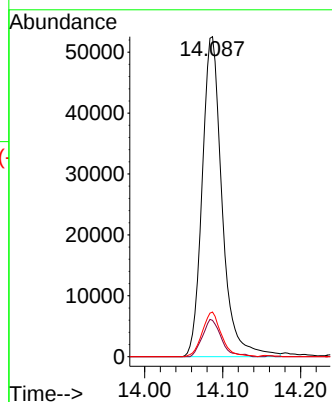
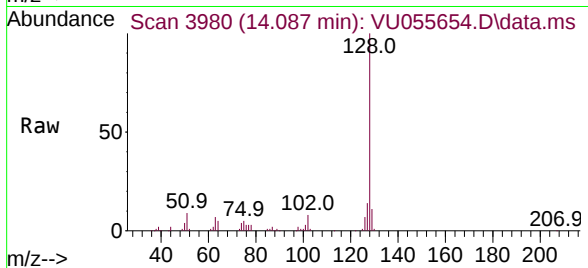
Acq: 04 Oct 2023 09:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	93350
Ion Ratio	Lower	Upper
128	100	
129	11.0	8.5 12.7
127	13.4	10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 4.420 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.000 min

Lab File: VU055654.D

Acq: 04 Oct 2023 09:13

Tgt Ion:180	Resp:	62542
Ion Ratio	Lower	Upper
180	100	
182	94.0	76.2 114.4
145	33.8	26.0 39.0

