

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
 Data File : VU055631.D
 Acq On : 03 Oct 2023 10:25
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 04 04:37:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 03 06:03:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	181585	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	185024	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	104571	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	90753	4.945	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.914	69	75628	4.676	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.566	65	34480	4.564	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	4.637	46	133443	40.255	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.520%
24) Chloroform-d	5.061	84	152562	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.701	65	70557	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.727	84	304612	4.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.688	67	88542	4.579	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.897	98	283071	4.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.180	79	32767	4.829	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.634	63	83625	40.515	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.040%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	61358	4.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	86427	4.095	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.386	85	86889	4.915	ug/L	98
3) Chloromethane	1.518	50	85879	5.522	ug/L	100
5) Vinyl chloride	1.605	62	96444	5.748	ug/L	99
6) Bromomethane	1.859	94	57296	5.376	ug/L	95
8) Chloroethane	1.933	64	61965	5.660	ug/L	97
9) Trichlorofluoromethane	2.139	101	138926	5.971	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.583	101	76628	5.412	ug/L	98
12) 1,1-Dichloroethene	2.579	96	64715	5.097	ug/L	94
13) Acetone	2.650	43	101392	53.658	ug/L	97
14) Carbon disulfide	2.792	76	203554	5.334	ug/L	98
15) Methyl Acetate	2.952	43	22090	5.127	ug/L	98
16) Methylene chloride	3.042	84	78852	5.184	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	148185	5.380	ug/L	99
18) trans-1,2-Dichloroethene	3.354	96	68699	5.369	ug/L	98
19) 1,1-Dichloroethane	3.865	63	134578	5.687	ug/L	98
21) 2-Butanone	4.714	43	155637	56.158	ug/L	97
22) cis-1,2-Dichloroethene	4.666	96	77666	5.235	ug/L	98
23) Bromochloromethane	4.975	128	33369	5.321	ug/L	91
25) Chloroform	5.087	83	141620	5.652	ug/L	99

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 04 04:37:45 2023
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 Quant Title : TRACE VOA SFAM1.0
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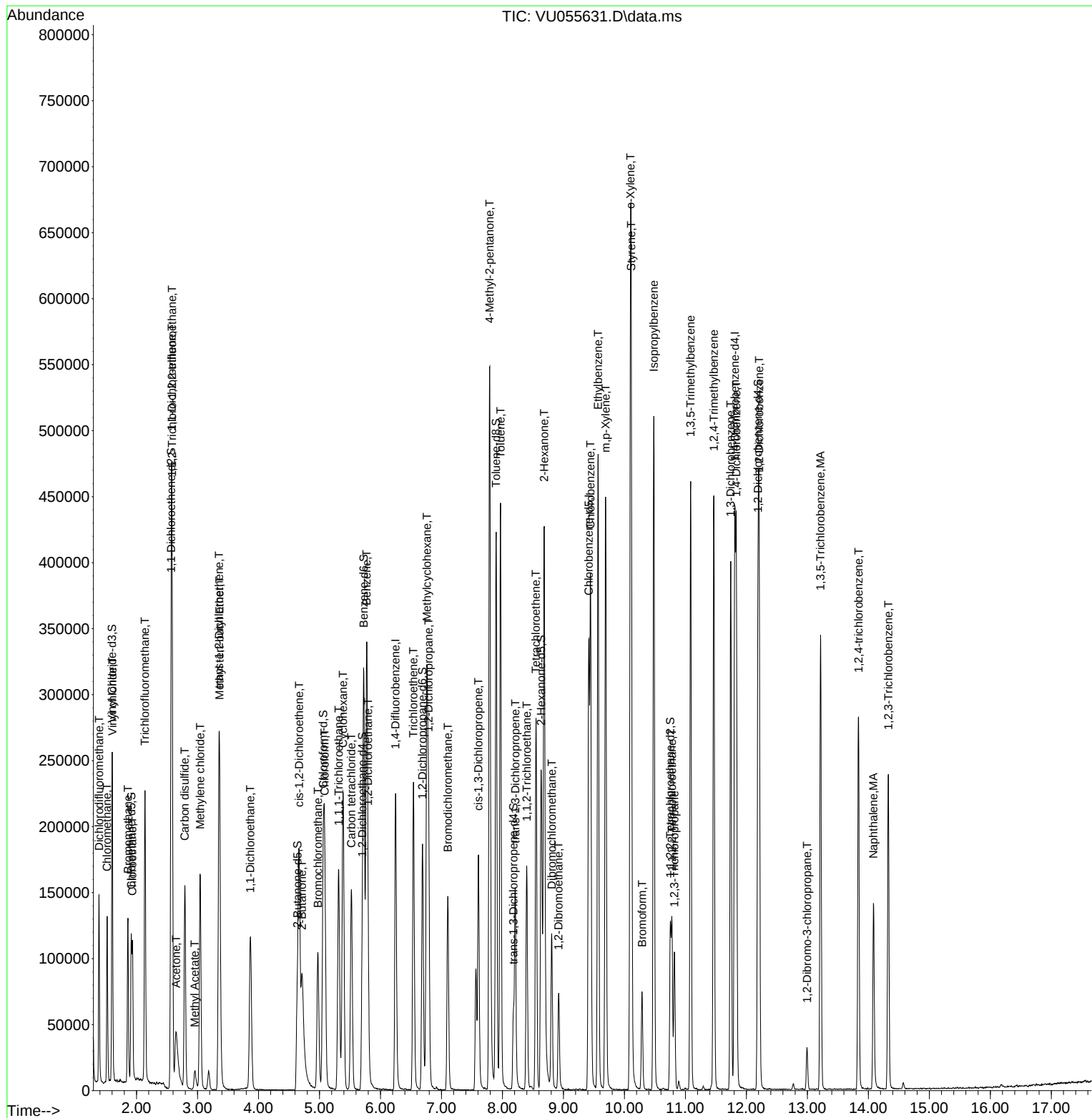
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	84554	5.502	ug/L	95
29) 1,1,1-Trichloroethane	5.316	97	119016	5.642	ug/L	98
30) Cyclohexane	5.386	56	105714	5.475	ug/L	98
31) Carbon tetrachloride	5.521	117	105057	5.811	ug/L	100
33) Benzene	5.772	78	301874	5.669	ug/L	100
34) Trichloroethene	6.541	95	80269	5.329	ug/L	99
35) Methylcyclohexane	6.762	83	121073	5.580	ug/L	99
37) 1,2-Dichloropropane	6.788	63	78550	5.640	ug/L	100
38) Bromodichloromethane	7.106	83	96456	5.910	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	109345	5.882	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	368106	58.266	ug/L	97
42) Toluene	7.968	91	327583	5.767	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	89423	6.013	ug/L	99
45) 1,1,2-Trichloroethane	8.399	97	53946	5.524	ug/L	98
47) Tetrachloroethene	8.550	164	59588	5.514	ug/L	97
48) 2-Hexanone	8.685	43	280561	57.301	ug/L	98
49) Dibromochloromethane	8.807	129	60310	5.892	ug/L	99
50) 1,2-Dibromoethane	8.920	107	50537	5.577	ug/L	97
51) Chlorobenzene	9.444	112	200270	5.505	ug/L	99
52) Ethylbenzene	9.569	91	339385	5.573	ug/L	97
53) m,p-Xylene	9.692	106	131264	5.752	ug/L	100
54) o-Xylene	10.100	106	122864	5.538	ug/L	97
55) Styrene	10.113	104	207773	5.791	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	61800	5.606	ug/L	98
59) Bromoform	10.290	173	32438	5.787	ug/L	98
60) Isopropylbenzene	10.483	105	330203	5.479	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	44420	5.442	ug/L	96
62) 1,3,5-Trimethylbenzene	11.087	105	254463	5.280	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	249195	5.282	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	156618	5.428	ug/L	97
65) 1,4-Dichlorobenzene	11.836	146	158968	5.512	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	143084	5.409	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	8192	5.790	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	106928	5.381	ug/L	97
70) 1,2,4-trichlorobenzene	13.839	180	82958	5.476	ug/L	98
71) Naphthalene	14.084	128	118347	5.396	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	70737	5.366	ug/L	98

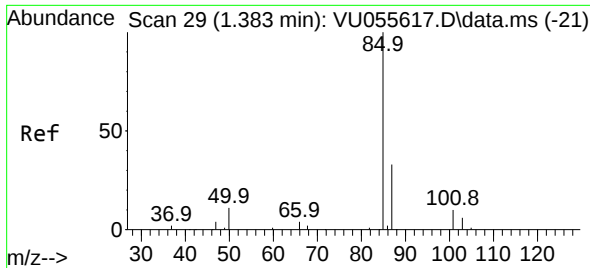
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Acq On : 03 Oct 2023 10:25
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

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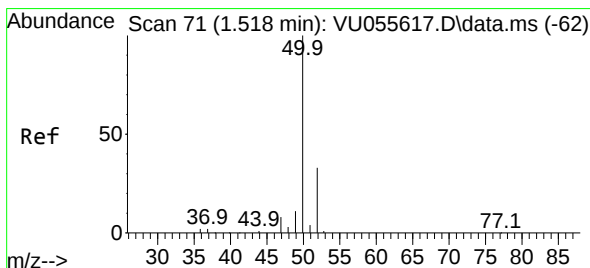
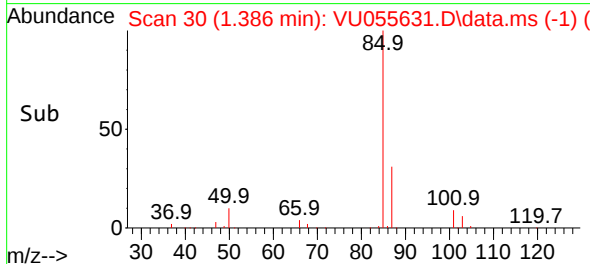
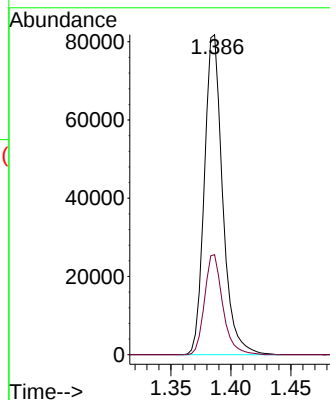
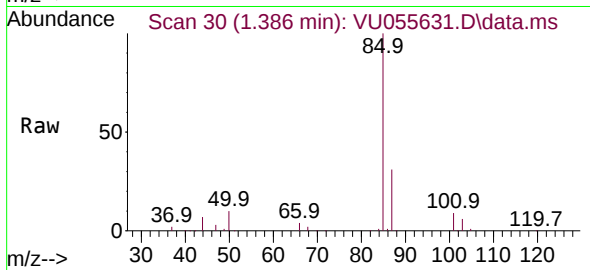




#2
 Dichlorodifluoromethane
 Concen: 4.915 ug/L
 RT: 1.386 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VU055631.D
 Acq: 03 Oct 2023 10:25

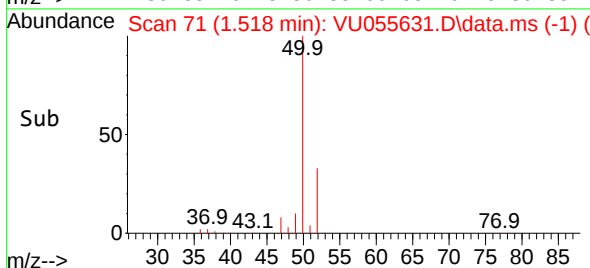
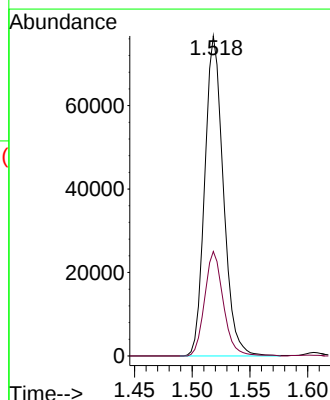
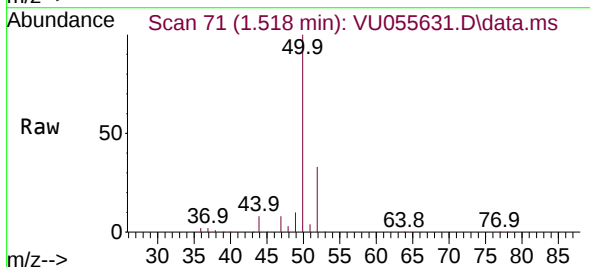
Instrument :
 MSVOA_U
 ClientSampleId :

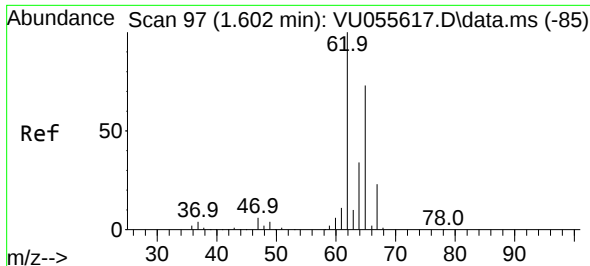
Tgt Ion: 85 Resp: 86889
 Ion Ratio Lower Upper
 85 100
 87 31.2 26.0 39.0



#3
 Chloromethane
 Concen: 5.522 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU055631.D
 Acq: 03 Oct 2023 10:25

Tgt Ion: 50 Resp: 85879
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.9 42.5

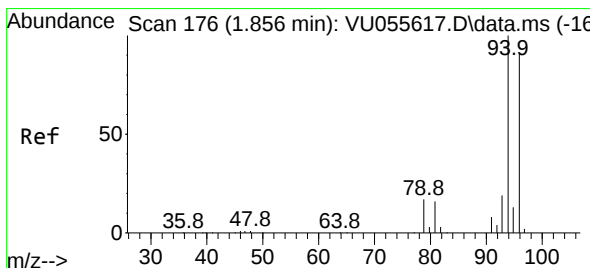
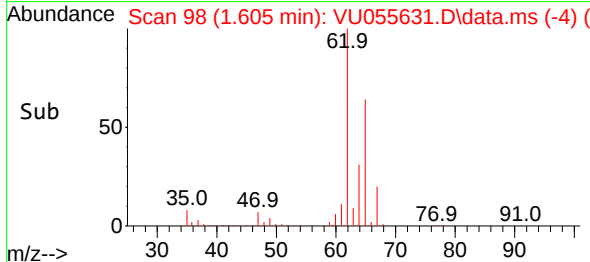
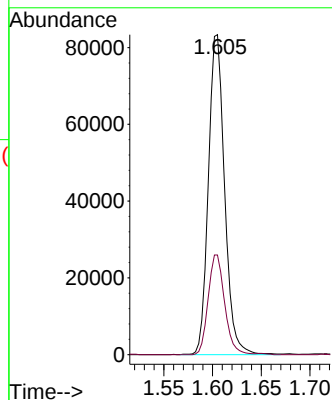
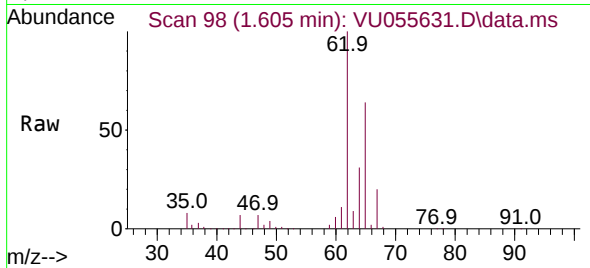




#5
 Vinyl chloride
 Concen: 5.748 ug/L
 RT: 1.605 min Scan# 97
 Delta R.T. 0.003 min
 Lab File: VU055631.D
 Acq: 03 Oct 2023 10:25

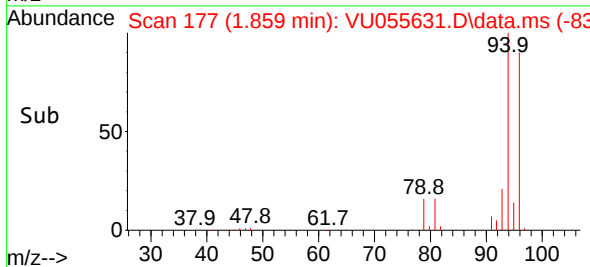
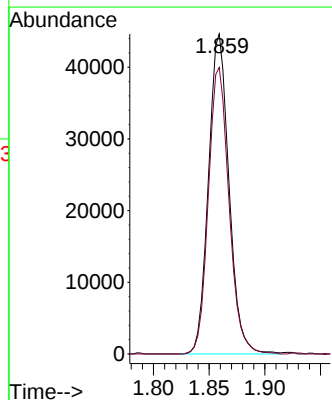
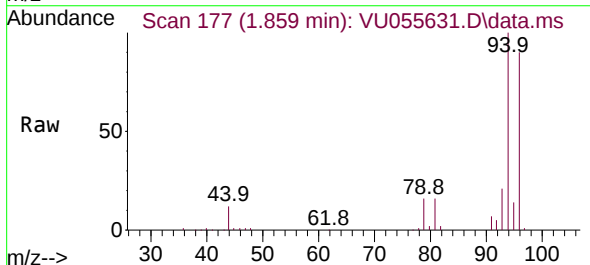
Instrument :
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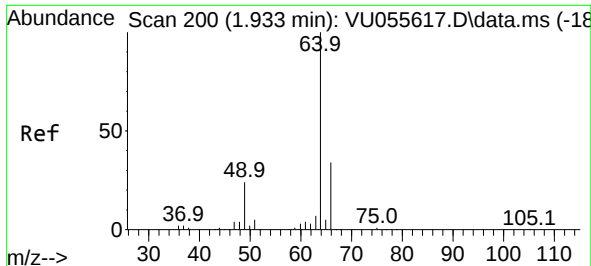
Tgt Ion: 62 Resp: 96444
 Ion Ratio Lower Upper
 62 100
 64 31.1 22.3 41.5



#6
 Bromomethane
 Concen: 5.376 ug/L
 RT: 1.859 min Scan# 177
 Delta R.T. 0.003 min
 Lab File: VU055631.D
 Acq: 03 Oct 2023 10:25

Tgt Ion: 94 Resp: 57296
 Ion Ratio Lower Upper
 94 100
 96 89.5 66.4 123.2

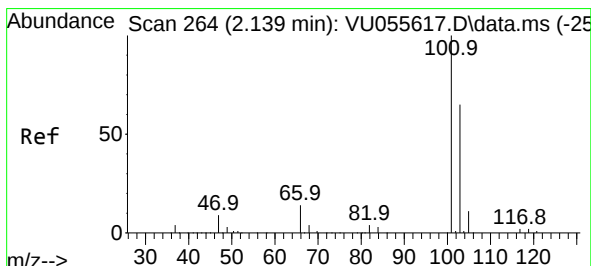
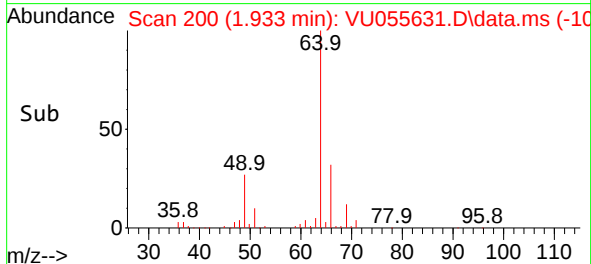
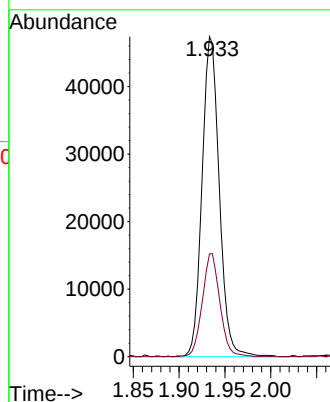
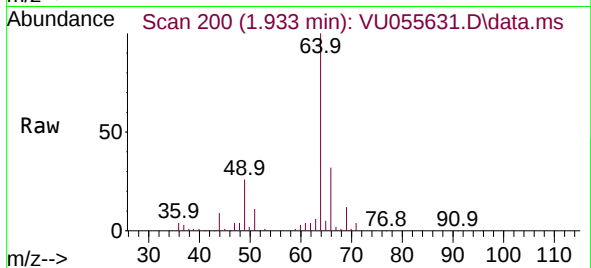




#8
Chloroethane
Concen: 5.660 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU055631.D
Acq: 03 Oct 2023 10:25

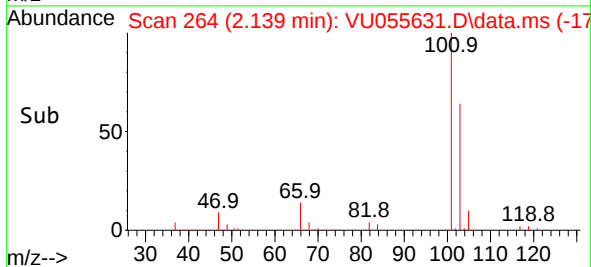
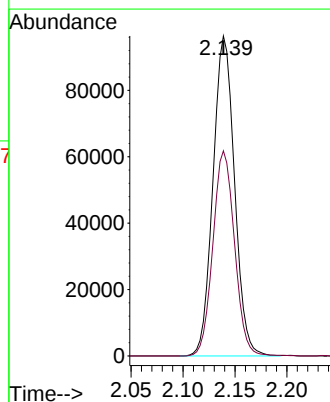
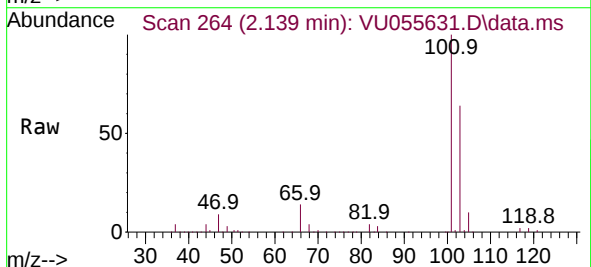
Instrument :
MSVOA_U
ClientSampleId :

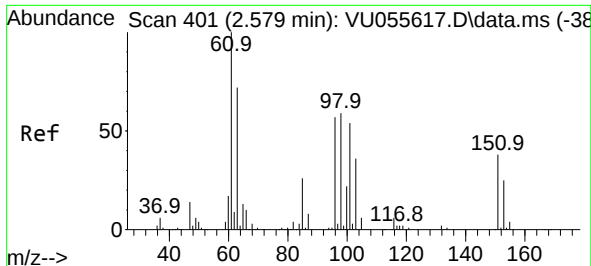
Tgt Ion: 64 Resp: 61965
Ion Ratio Lower Upper
64 100
66 32.1 23.7 44.1



#9
Trichlorofluoromethane
Concen: 5.971 ug/L
RT: 2.139 min Scan# 264
Delta R.T. -0.000 min
Lab File: VU055631.D
Acq: 03 Oct 2023 10:25

Tgt Ion:101 Resp: 138926
Ion Ratio Lower Upper
101 100
103 64.4 52.0 78.0

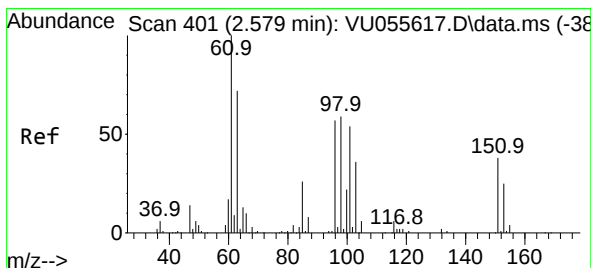
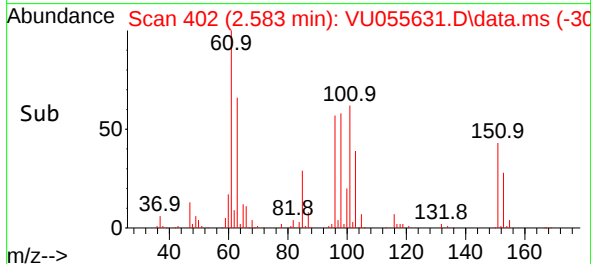
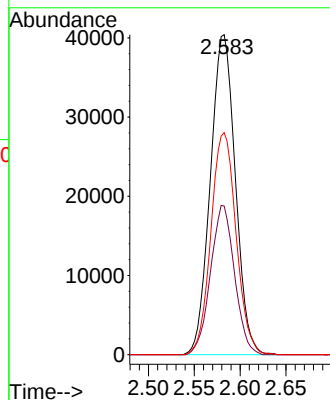
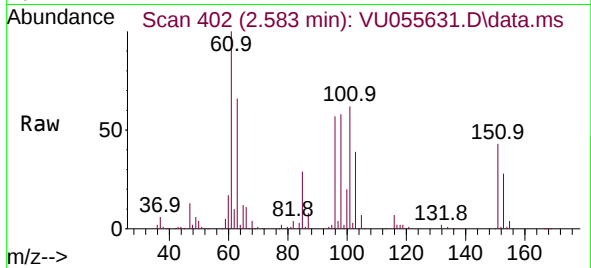




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.412 ug/L
RT: 2.583 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU055631.D
Acq: 03 Oct 2023 10:25

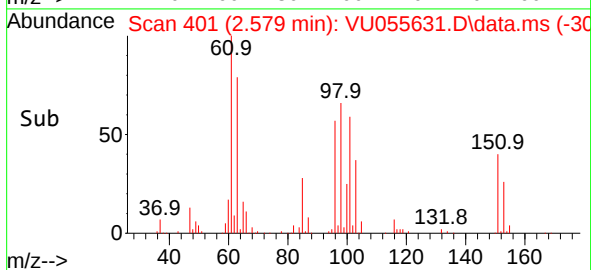
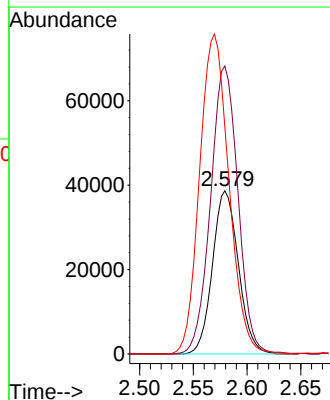
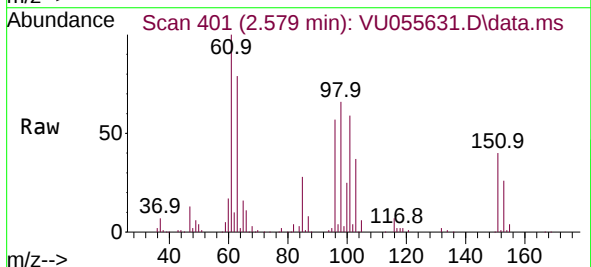
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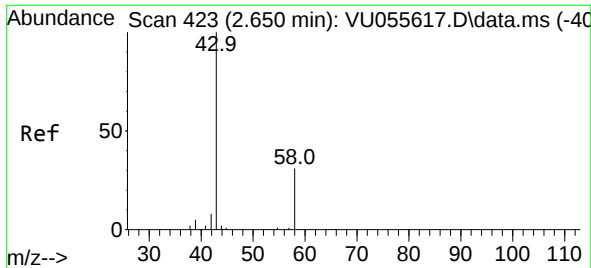
Tgt Ion:101 Resp: 76628
Ion Ratio Lower Upper
101 100
85 44.8 35.8 53.6
151 70.0 58.2 87.4



#12
1,1-Dichloroethene
Concen: 5.097 ug/L
RT: 2.579 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU055631.D
Acq: 03 Oct 2023 10:25

Tgt Ion: 96 Resp: 64715
Ion Ratio Lower Upper
96 100
61 176.5 114.5 212.7
63 139.2 98.3 182.5





#13

Acetone

Concen: 53.658 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU055631.D

Acq: 03 Oct 2023 10:25

Instrument :

MSVOA_U

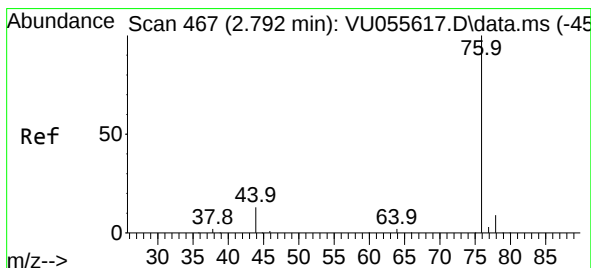
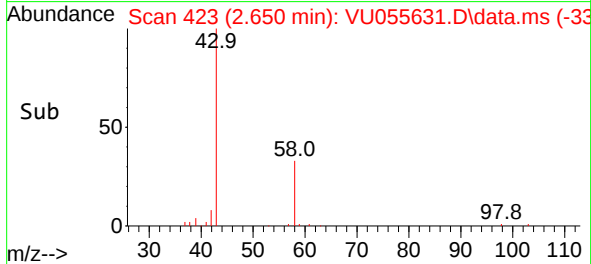
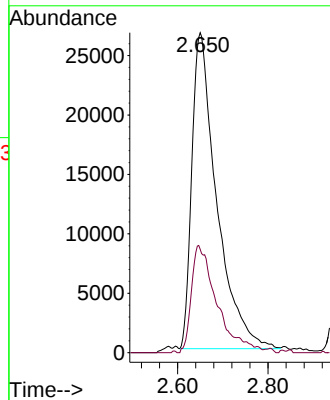
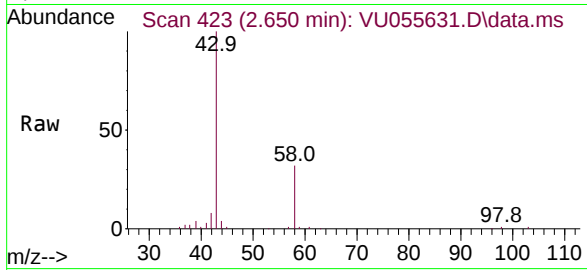
ClientSampleId :

Tgt Ion: 43 Resp: 101392

Ion Ratio Lower Upper

43 100

58 34.4 0.0 72.2



#14

Carbon disulfide

Concen: 5.334 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU055631.D

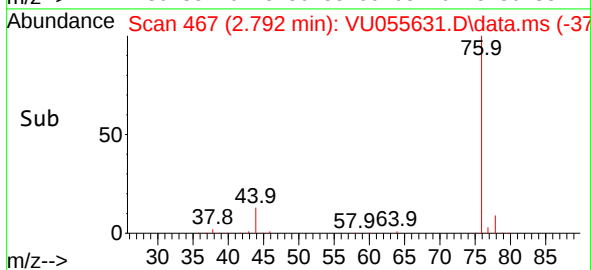
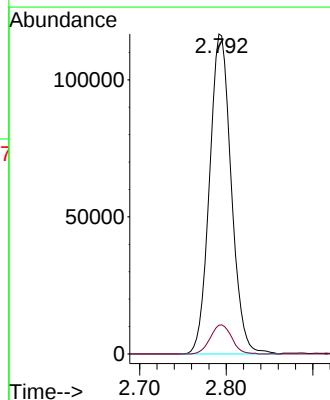
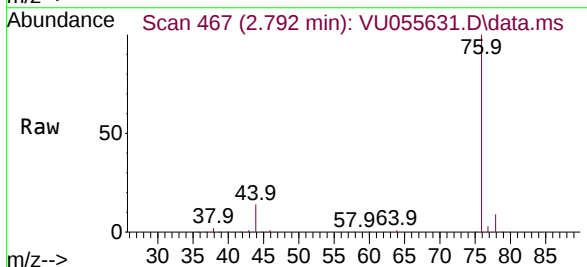
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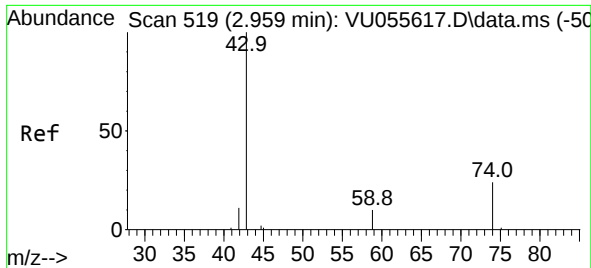
Tgt Ion: 76 Resp: 203554

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5

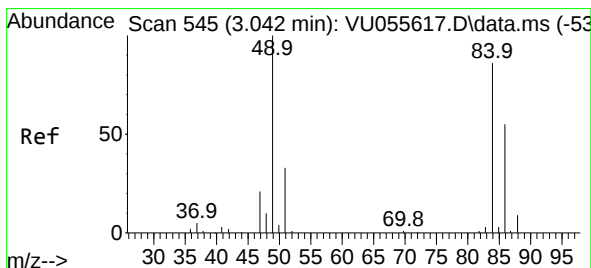
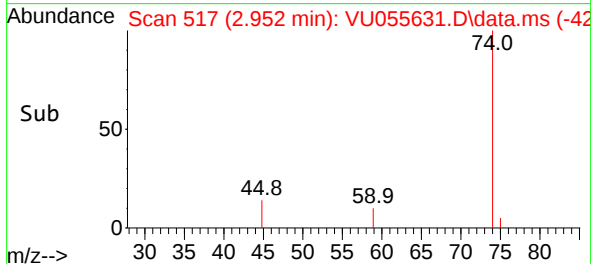
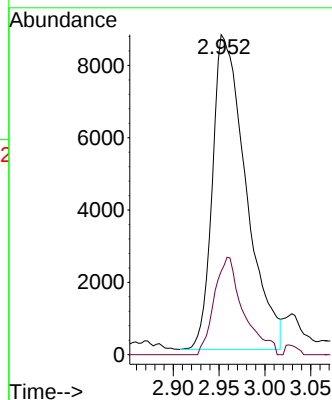
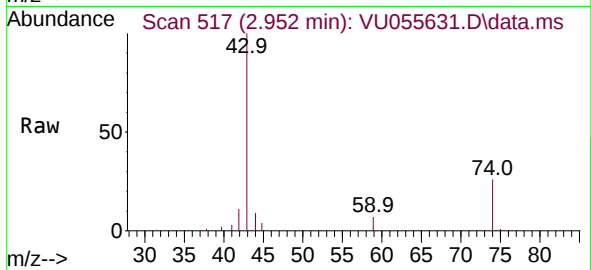




#15
Methyl Acetate
Concen: 5.127 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.007 min
Lab File: VU055631.D
Acq: 03 Oct 2023 10:25

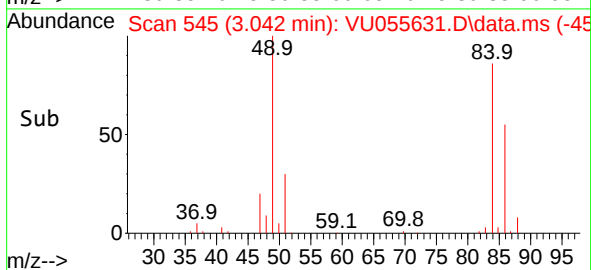
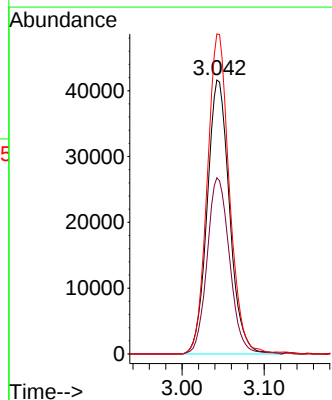
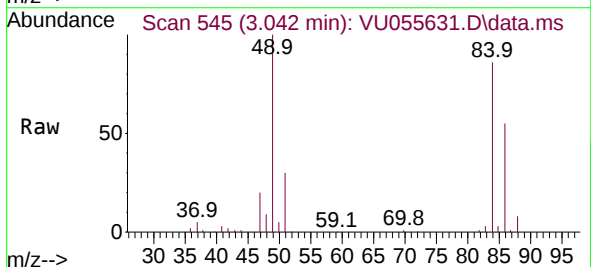
Instrument :
MSVOA_U
ClientSampleId :

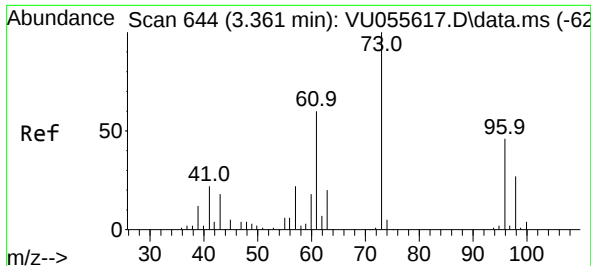
Tgt Ion: 43 Resp: 22090
Ion Ratio Lower Upper
43 100
74 26.9 22.3 33.5



#16
Methylene chloride
Concen: 5.184 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU055631.D
Acq: 03 Oct 2023 10:25

Tgt Ion: 84 Resp: 78852
Ion Ratio Lower Upper
84 100
86 64.3 44.9 83.3
49 116.8 78.8 146.3





#17

Methyl tert-butyl Ether

Concen: 5.380 ug/L

RT: 3.361 min Scan# 644

Delta R.T. -0.000 min

Lab File: VU055631.D

Acq: 03 Oct 2023 10:25

Instrument :

MSVOA_U

ClientSampleId :

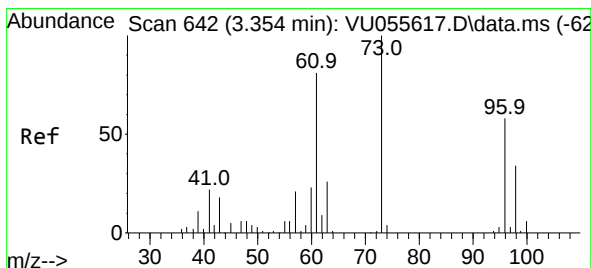
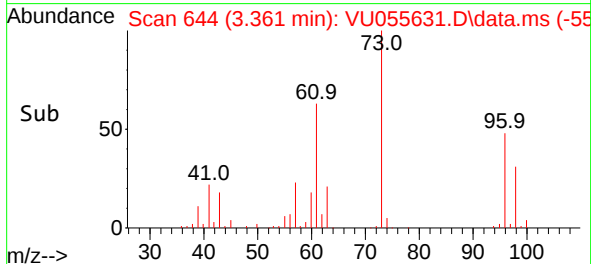
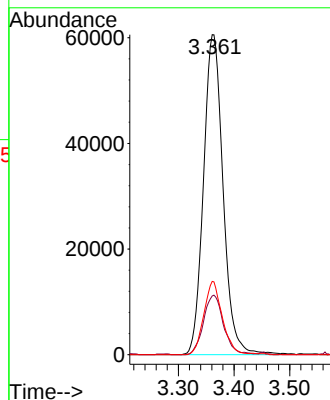
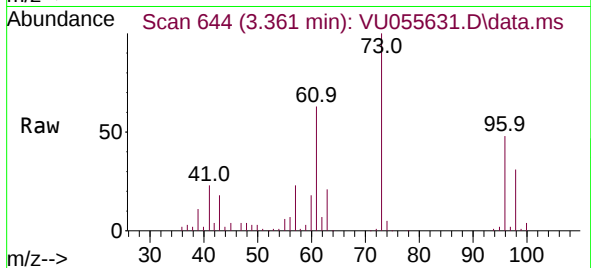
Tgt Ion: 73 Resp: 148185

Ion Ratio Lower Upper

73 100

43 19.0 14.9 22.3

57 21.5 17.3 25.9



#18

trans-1,2-Dichloroethene

Concen: 5.369 ug/L

RT: 3.354 min Scan# 642

Delta R.T. -0.000 min

Lab File: VU055631.D

Acq: 03 Oct 2023 10:25

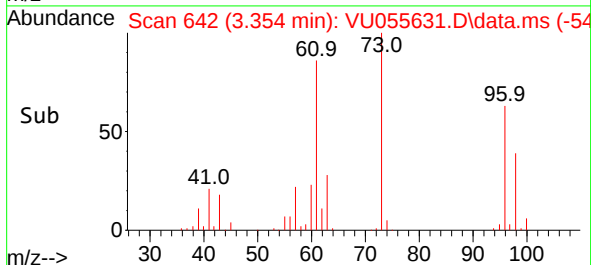
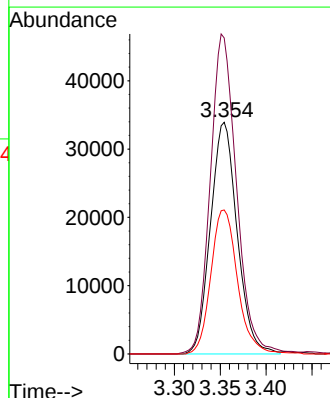
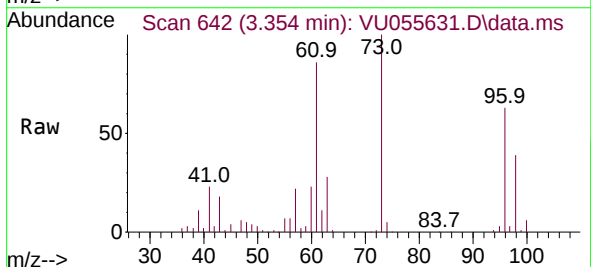
Tgt Ion: 96 Resp: 68699

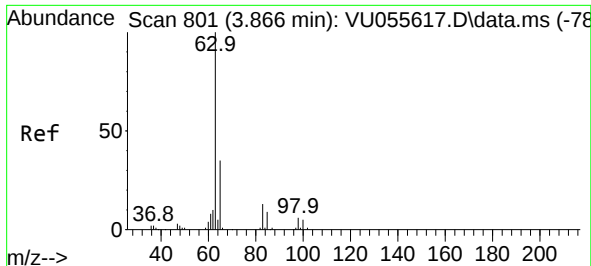
Ion Ratio Lower Upper

96 100

61 136.4 94.6 175.6

98 62.2 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.687 ug/L

RT: 3.865 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU055631.D

Acq: 03 Oct 2023 10:25

Instrument :

MSVOA_U

ClientSampleId :

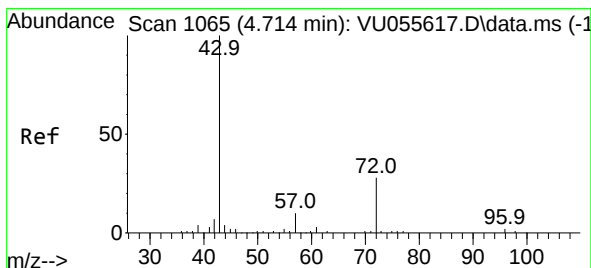
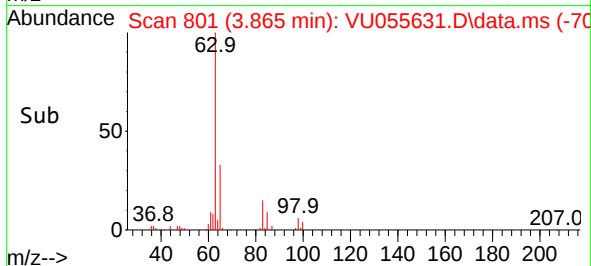
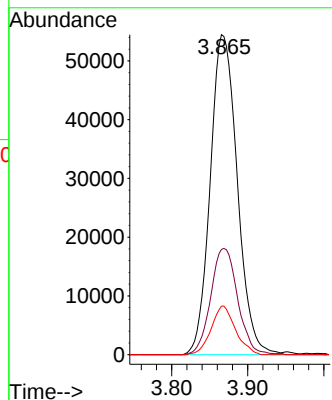
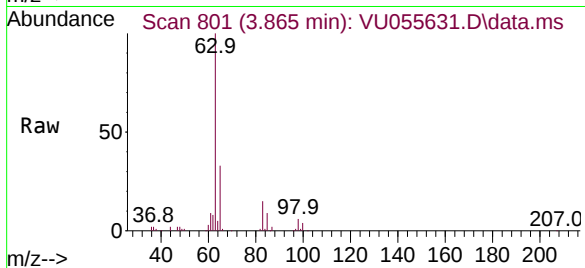
Tgt Ion: 63 Resp: 134578

Ion Ratio Lower Upper

63 100

65 32.9 22.0 41.0

83 15.1 10.1 18.9



#21

2-Butanone

Concen: 56.158 ug/L

RT: 4.714 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VU055631.D

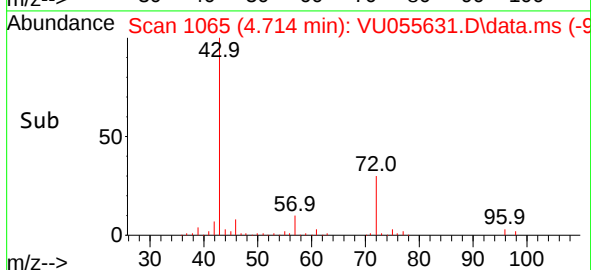
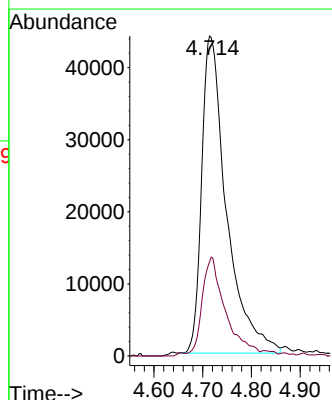
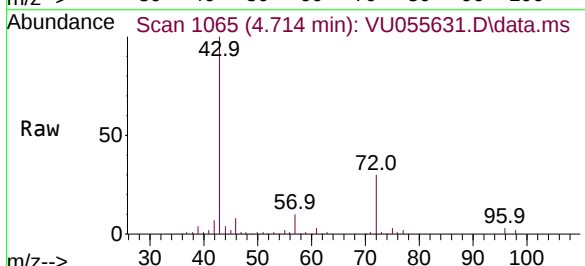
Acq: 03 Oct 2023 10:25

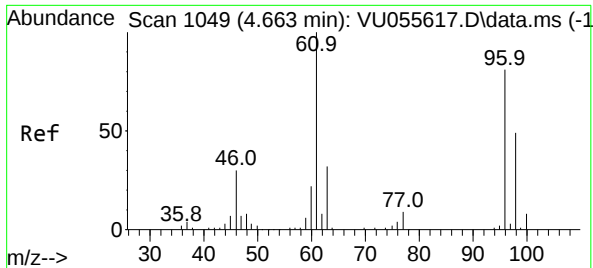
Tgt Ion: 43 Resp: 155637

Ion Ratio Lower Upper

43 100

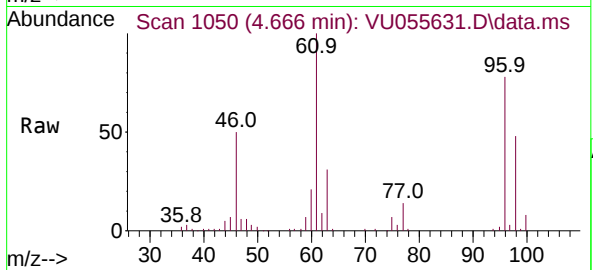
72 28.4 15.1 45.3





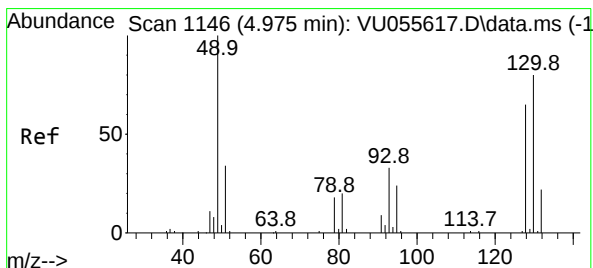
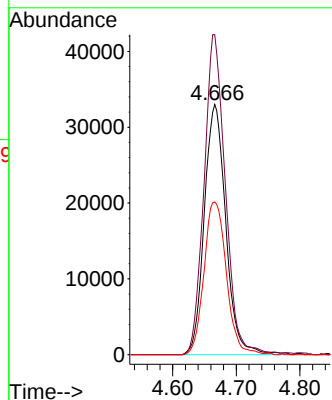
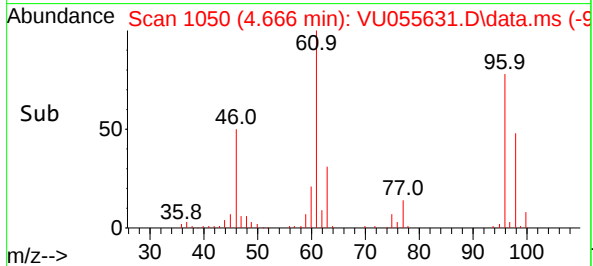
#22
 cis-1,2-Dichloroethene
 Concen: 5.235 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VU055631.D
 Acq: 03 Oct 2023 10:25

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 77666

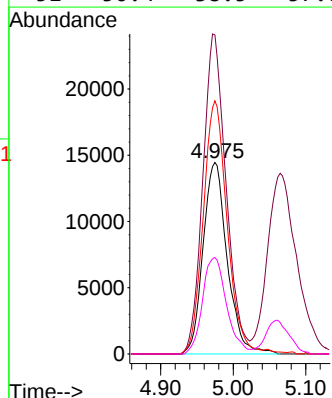
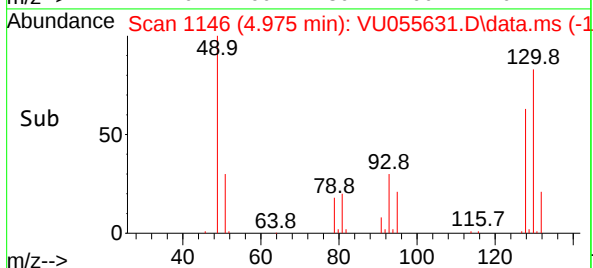
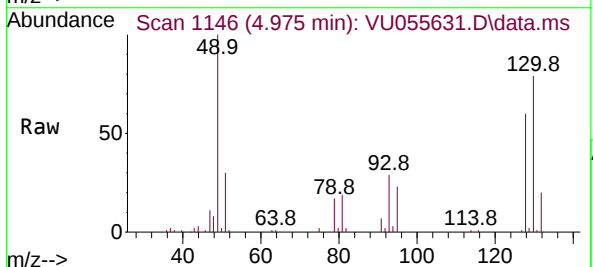
Ion	Ratio	Lower	Upper
96	100		
61	127.9	87.8	163.2
98	61.1	44.4	82.4

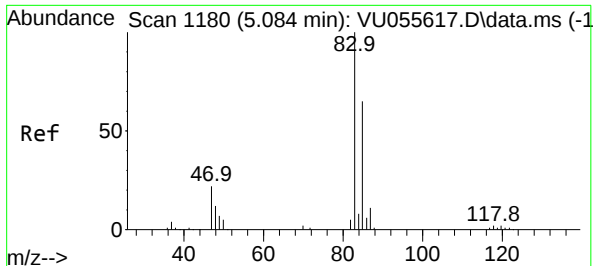


#23
 Bromochloromethane
 Concen: 5.321 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. -0.000 min
 Lab File: VU055631.D
 Acq: 03 Oct 2023 10:25

Tgt Ion: 128 Resp: 33369

Ion	Ratio	Lower	Upper
128	100		
49	166.6	102.8	191.0
130	132.2	89.9	166.9
51	50.4	38.5	57.7





#25

Chloroform

Concen: 5.652 ug/L

RT: 5.087 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU055631.D

Acq: 03 Oct 2023 10:25

Instrument :

MSVOA_U

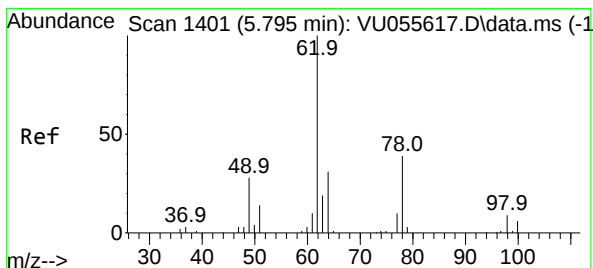
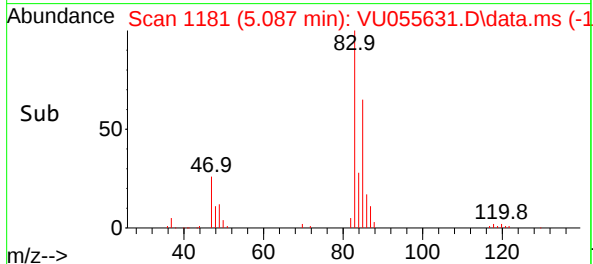
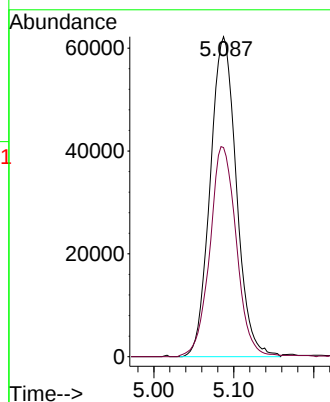
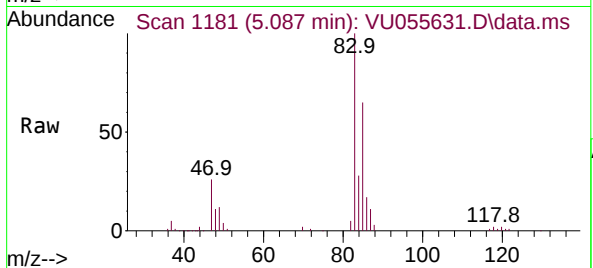
ClientSampleId :

Tgt Ion: 83 Resp: 141620

Ion Ratio Lower Upper

83 100

85 65.3 44.9 83.5



#27

1,2-Dichloroethane

Concen: 5.502 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. -0.000 min

Lab File: VU055631.D

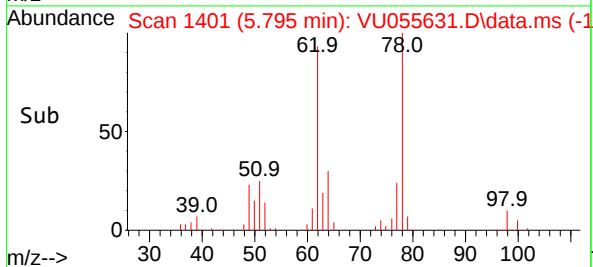
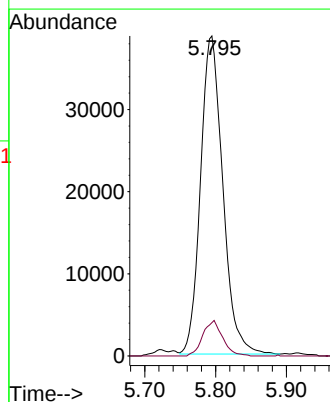
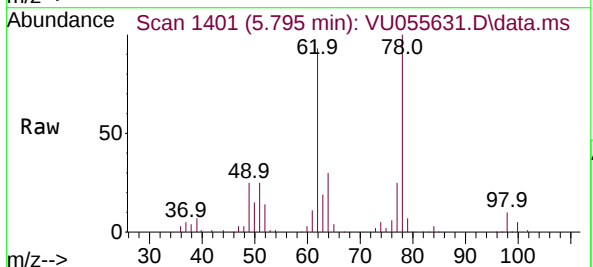
Acq: 03 Oct 2023 10:25

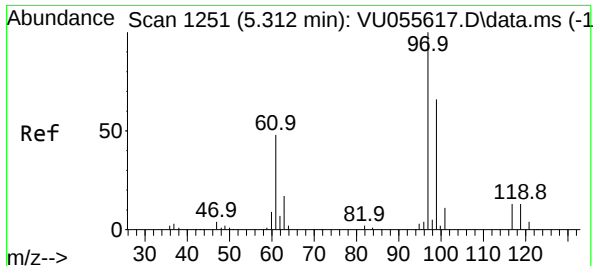
Tgt Ion: 62 Resp: 84554

Ion Ratio Lower Upper

62 100

98 10.4 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 5.642 ug/L

RT: 5.316 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU055631.D

Acq: 03 Oct 2023 10:25

Instrument :

MSVOA_U

ClientSampleId :

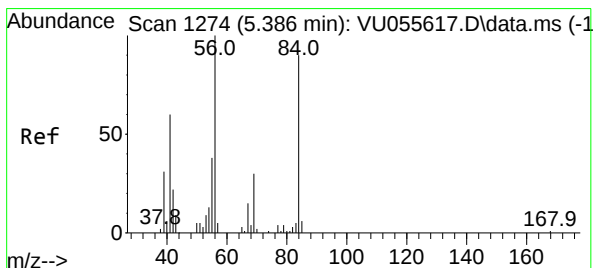
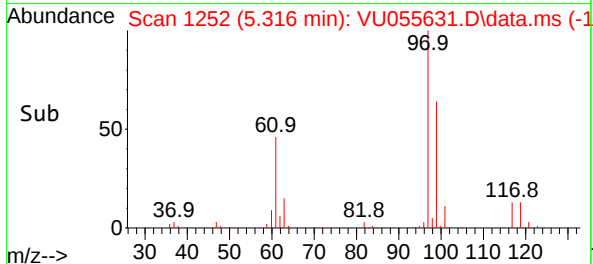
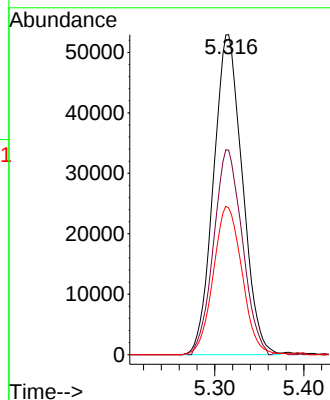
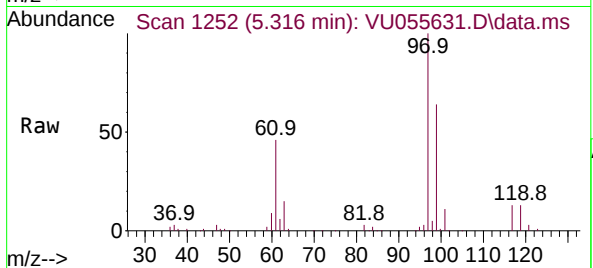
Tgt Ion: 97 Resp: 119016

Ion Ratio Lower Upper

97 100

99 63.7 50.7 76.1

61 46.2 34.6 51.8



#30

Cyclohexane

Concen: 5.475 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VU055631.D

Acq: 03 Oct 2023 10:25

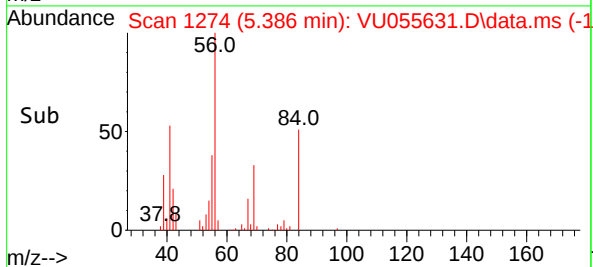
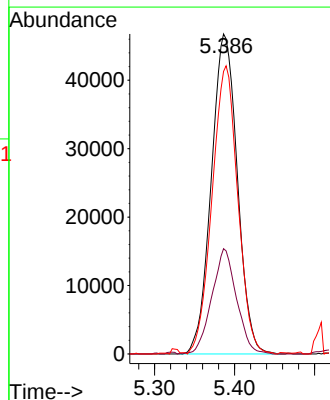
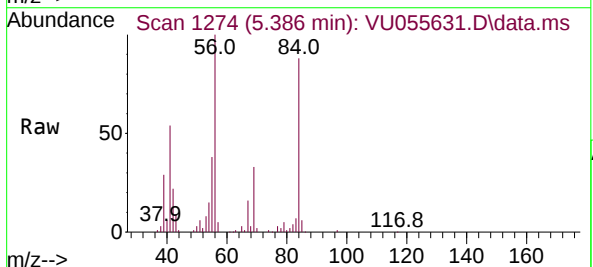
Tgt Ion: 56 Resp: 105714

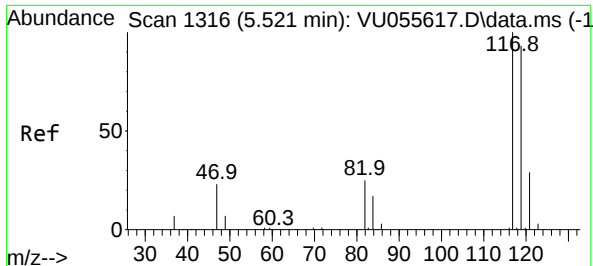
Ion Ratio Lower Upper

56 100

69 31.1 26.5 39.7

84 88.8 72.6 108.8

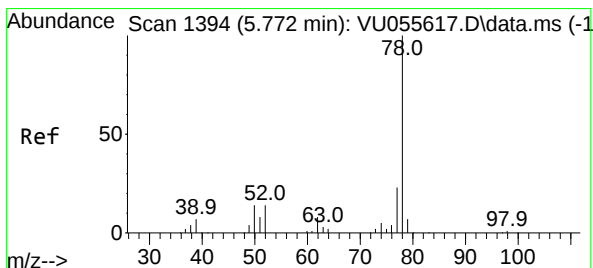
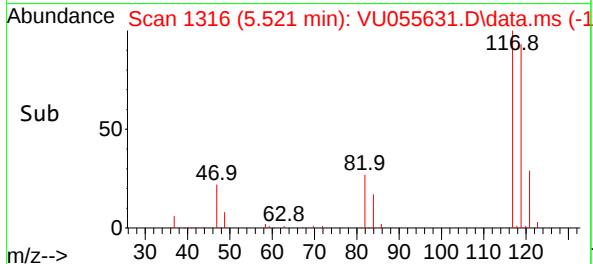
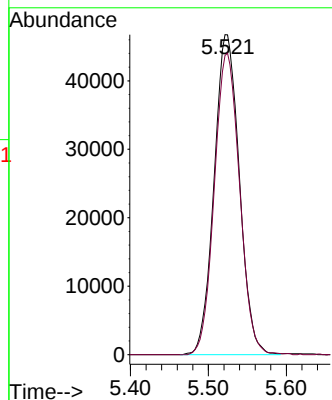
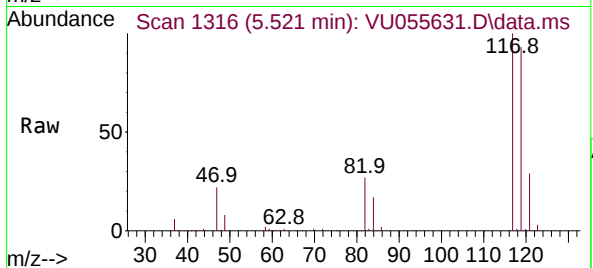




#31
Carbon tetrachloride
Concen: 5.811 ug/L
RT: 5.521 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU055631.D
Acq: 03 Oct 2023 10:25

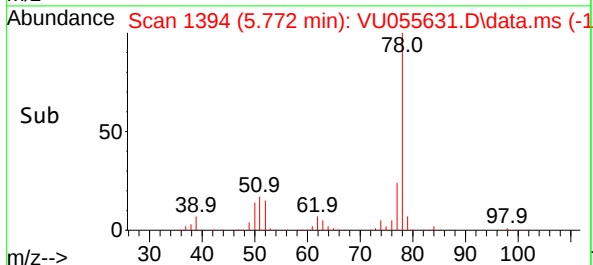
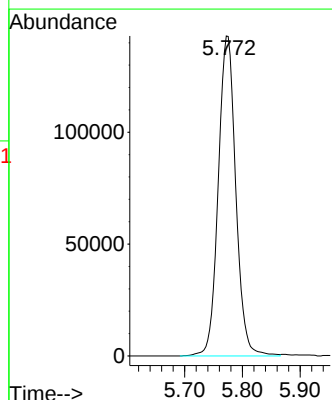
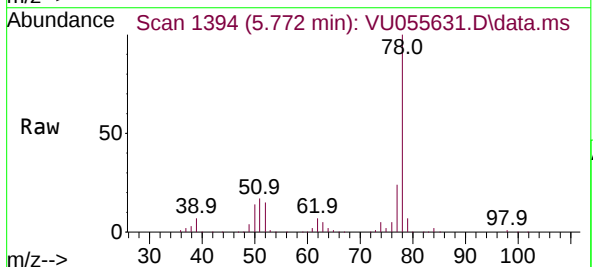
Instrument :
MSVOA_U
ClientSampleId :

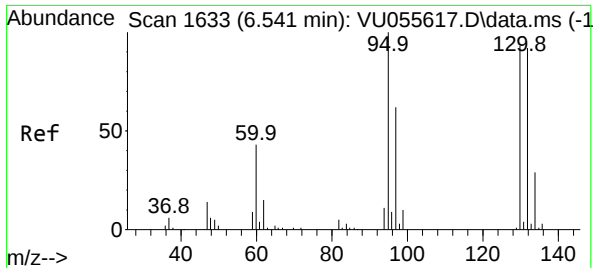
Tgt Ion:117 Resp: 105057
Ion Ratio Lower Upper
117 100
119 94.2 75.2 112.8



#33
Benzene
Concen: 5.669 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VU055631.D
Acq: 03 Oct 2023 10:25

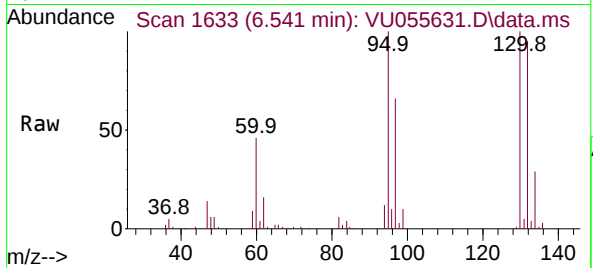
Tgt Ion: 78 Resp: 301874



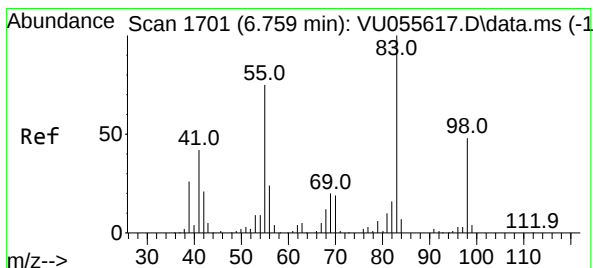
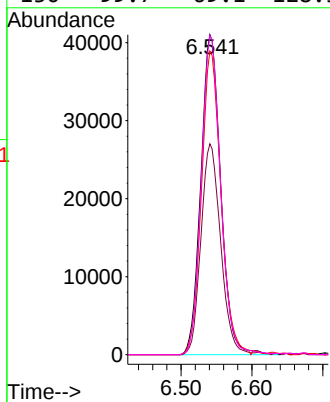
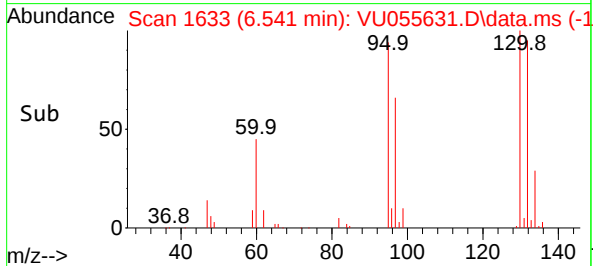


#34
Trichloroethene
Concen: 5.329 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055631.D
Acq: 03 Oct 2023 10:25

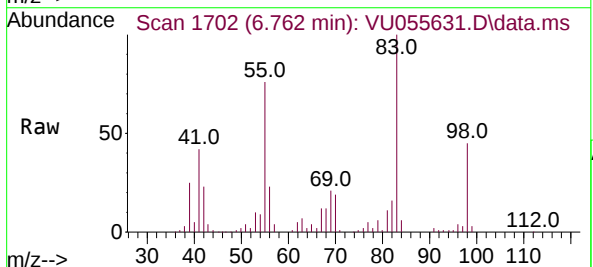
Instrument :
MSVOA_U
ClientSampleId :



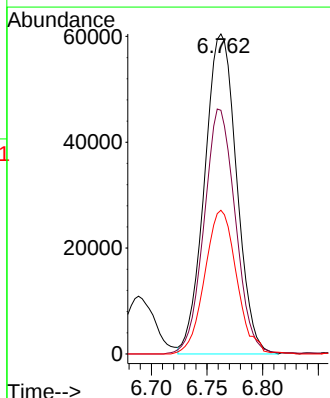
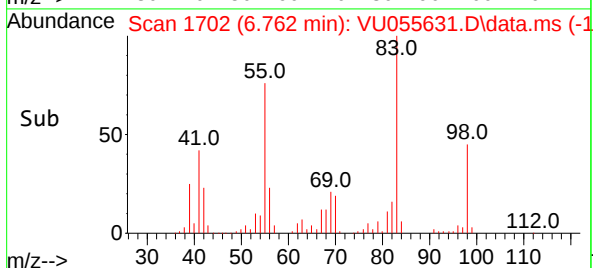
Tgt Ion: 95 Resp: 80269
Ion Ratio Lower Upper
95 100
97 65.9 45.4 84.2
132 94.9 65.2 121.2
130 99.7 69.1 128.3

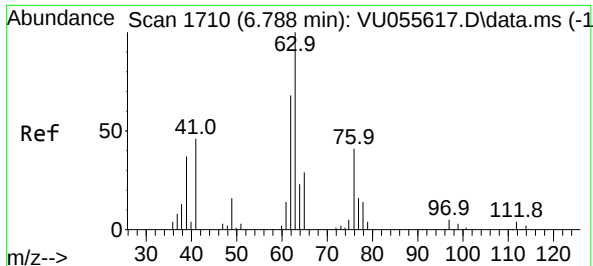


#35
Methylcyclohexane
Concen: 5.580 ug/L
RT: 6.762 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VU055631.D
Acq: 03 Oct 2023 10:25



Tgt Ion: 83 Resp: 121073
Ion Ratio Lower Upper
83 100
55 75.0 59.1 88.7
98 44.6 36.3 54.5





#37

1,2-Dichloropropane

Concen: 5.640 ug/L

RT: 6.788 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055631.D

Acq: 03 Oct 2023 10:25

Instrument :

MSVOA_U

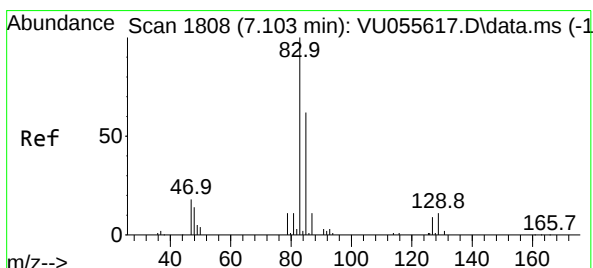
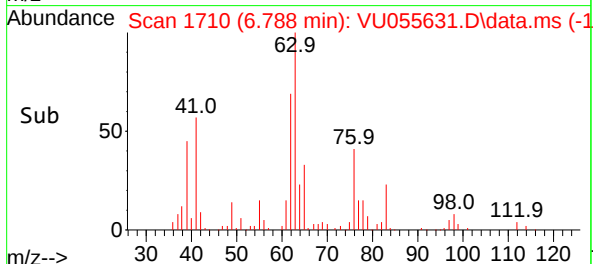
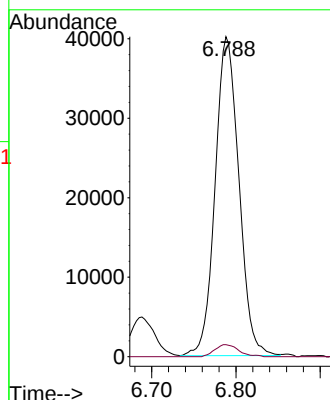
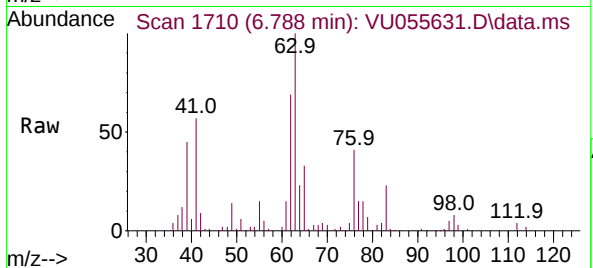
ClientSampleId :

Tgt Ion: 63 Resp: 78550

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.6



#38

Bromodichloromethane

Concen: 5.910 ug/L

RT: 7.106 min Scan# 1809

Delta R.T. 0.003 min

Lab File: VU055631.D

Acq: 03 Oct 2023 10:25

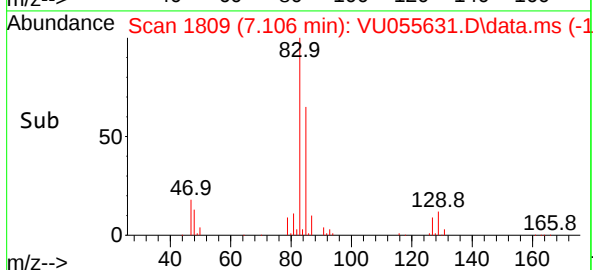
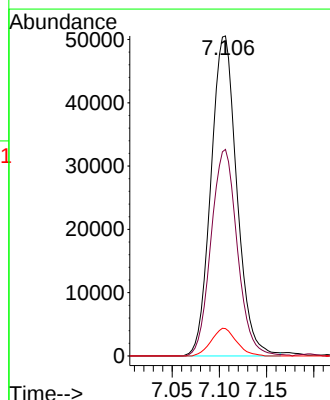
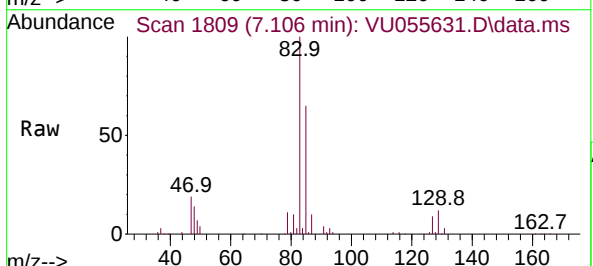
Tgt Ion: 83 Resp: 96456

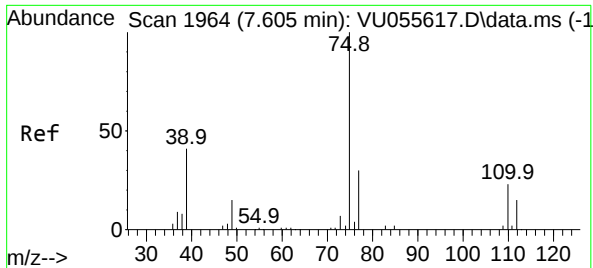
Ion Ratio Lower Upper

83 100

85 64.6 46.8 86.8

127 8.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.882 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU055631.D

Acq: 03 Oct 2023 10:25

Instrument :

MSVOA_U

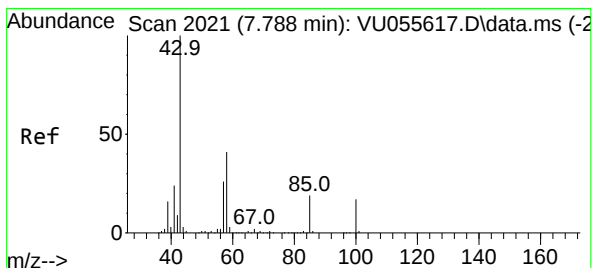
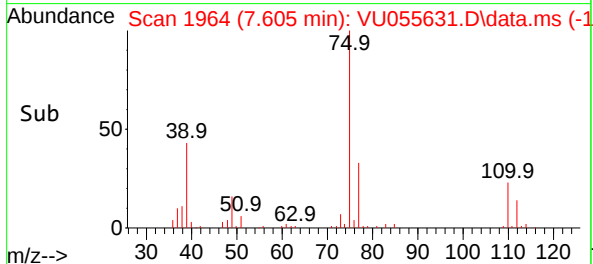
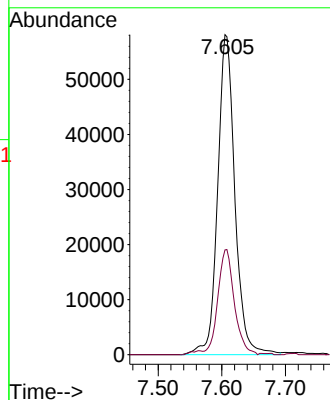
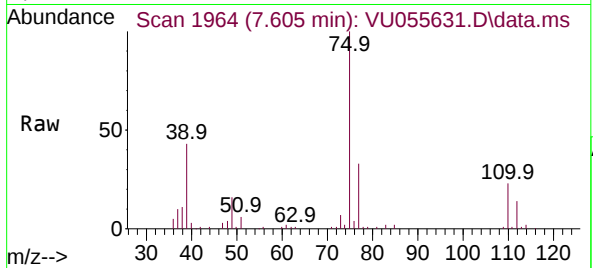
ClientSampleId :

Tgt Ion: 75 Resp: 109345

Ion Ratio Lower Upper

75 100

77 32.7 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 58.266 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU055631.D

Acq: 03 Oct 2023 10:25

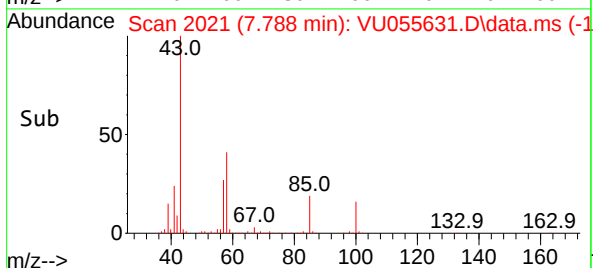
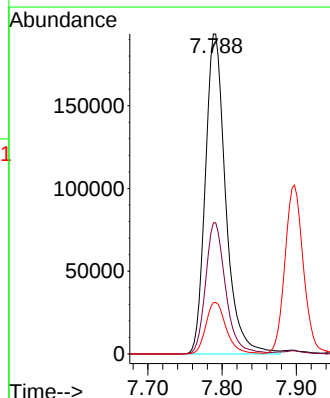
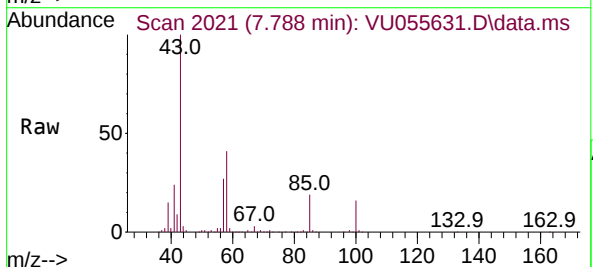
Tgt Ion: 43 Resp: 368106

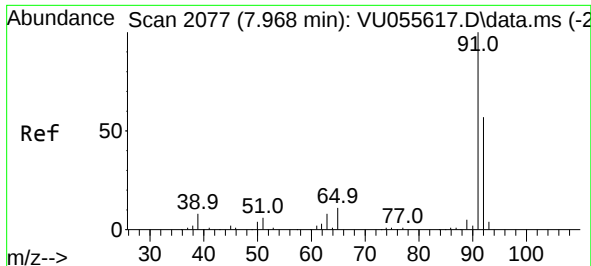
Ion Ratio Lower Upper

43 100

58 40.4 34.2 51.4

100 16.1 13.4 20.0





#42

Toluene

Concen: 5.767 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. -0.000 min

Lab File: VU055631.D

Acq: 03 Oct 2023 10:25

Instrument :

MSVOA_U

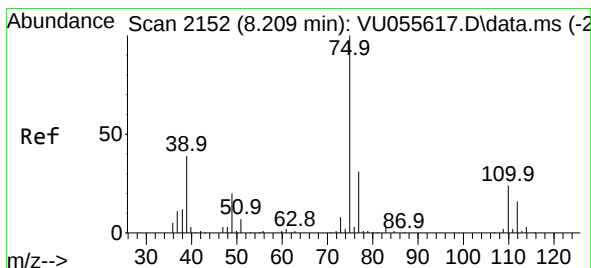
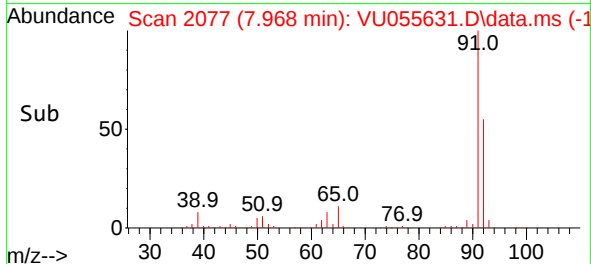
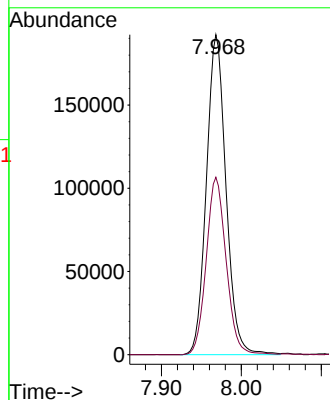
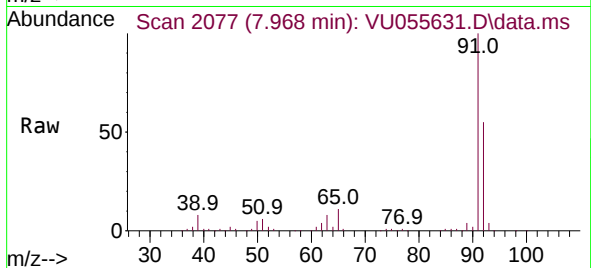
ClientSampleId :

Tgt Ion: 91 Resp: 327583

Ion Ratio Lower Upper

91 100

92 55.4 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 6.013 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. -0.000 min

Lab File: VU055631.D

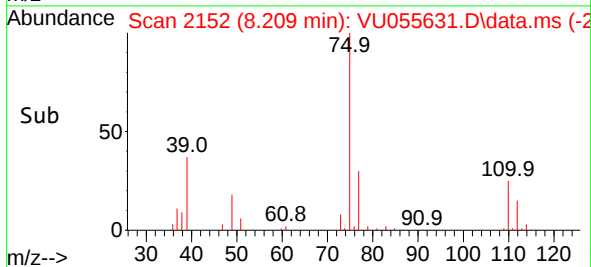
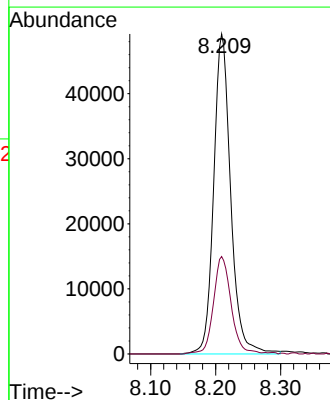
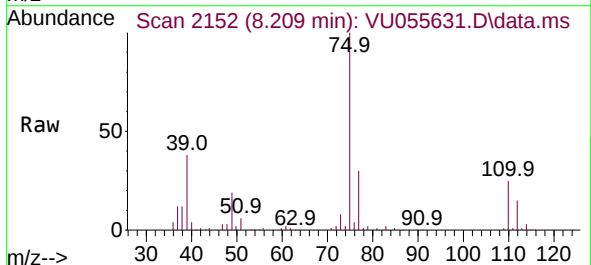
Acq: 03 Oct 2023 10:25

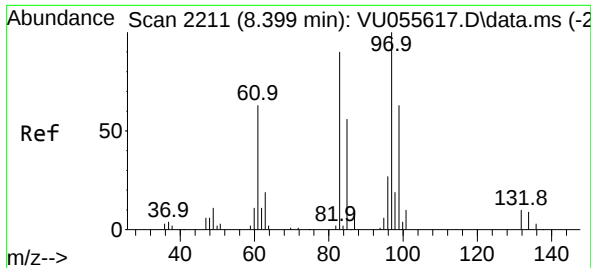
Tgt Ion: 75 Resp: 89423

Ion Ratio Lower Upper

75 100

77 30.4 21.8 40.4

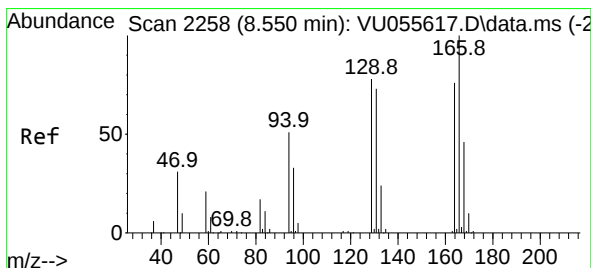
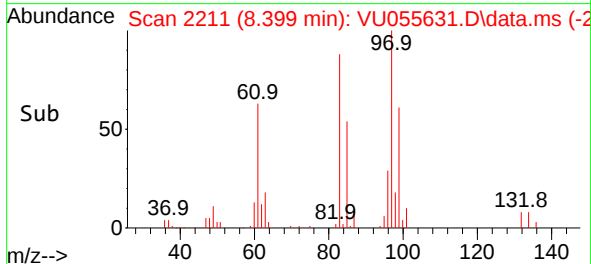
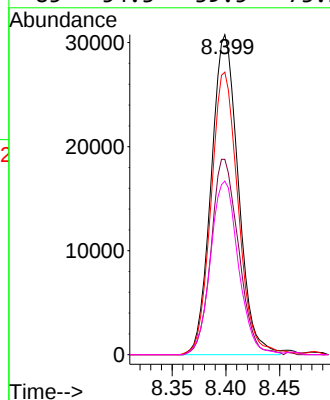
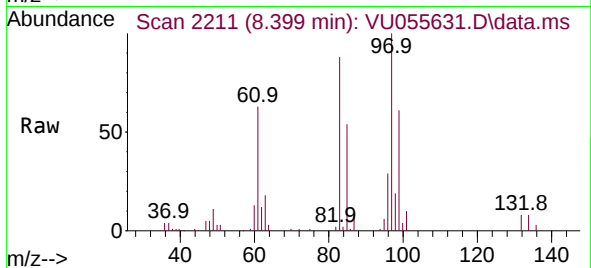




#45
1,1,2-Trichloroethane
Concen: 5.524 ug/L
RT: 8.399 min Scan# 2211
Delta R.T. -0.000 min
Lab File: VU055631.D
Acq: 03 Oct 2023 10:25

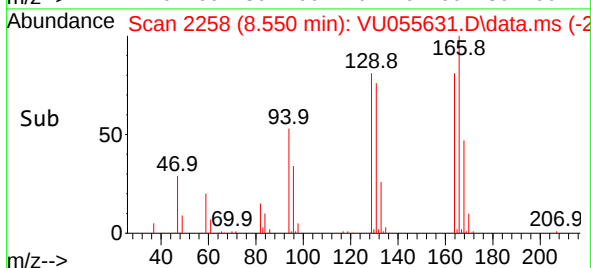
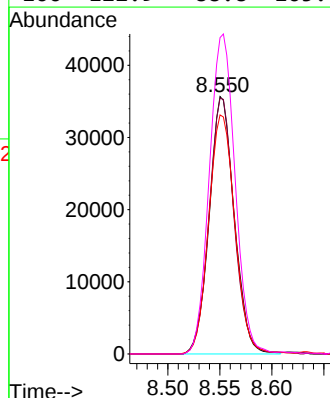
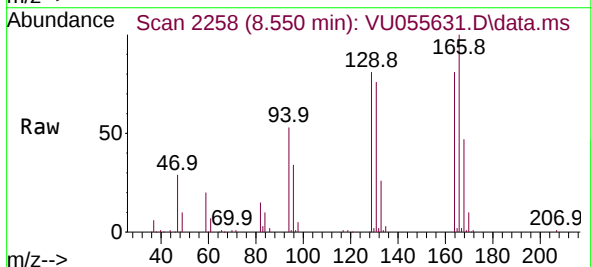
Instrument :
MSVOA_U
ClientSampleId :

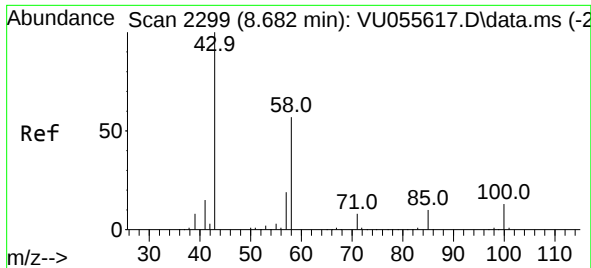
Tgt Ion:	97	Resp:	53946
Ion	Ratio	Lower	Upper
97	100		
99	61.1	44.1	81.9
83	88.3	61.5	114.1
85	54.3	39.5	73.3



#47
Tetrachloroethene
Concen: 5.514 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055631.D
Acq: 03 Oct 2023 10:25

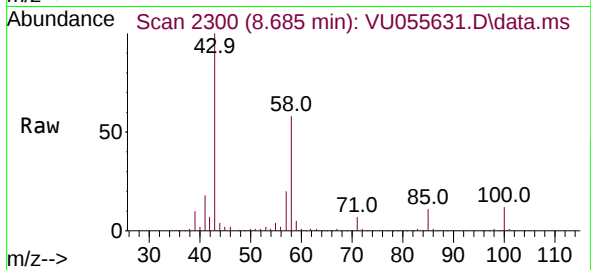
Tgt Ion:	164	Resp:	59588
Ion	Ratio	Lower	Upper
164	100		
129	99.4	67.4	125.2
131	92.9	66.4	123.2
166	122.9	88.8	165.0



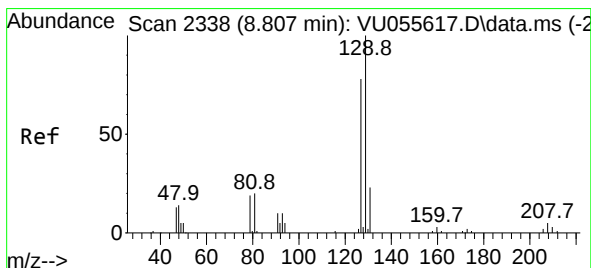
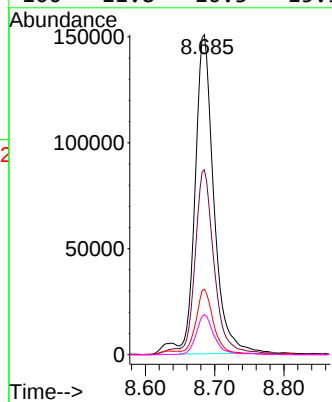
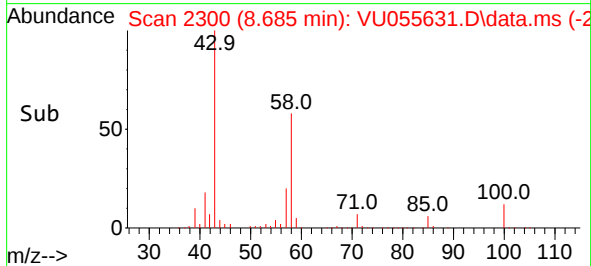


#48
2-Hexanone
Concen: 57.301 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055631.D
Acq: 03 Oct 2023 10:25

Instrument :
MSVOA_U
ClientSampleId :

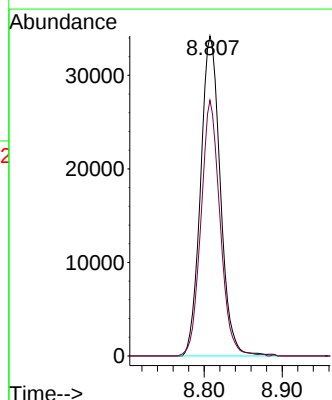
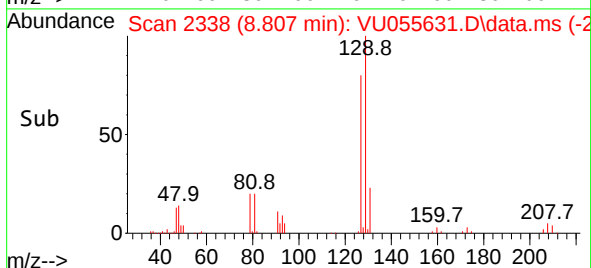
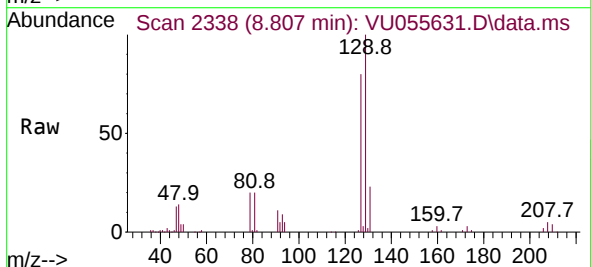


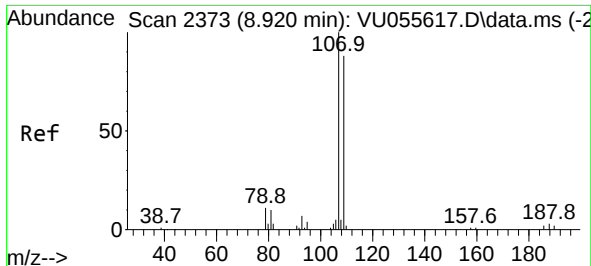
Tgt Ion: 43 Resp: 280561
Ion Ratio Lower Upper
43 100
58 61.3 48.5 72.7
57 19.5 17.0 25.4
100 11.8 10.3 15.5



#49
Dibromochloromethane
Concen: 5.892 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055631.D
Acq: 03 Oct 2023 10:25

Tgt Ion: 129 Resp: 60310
Ion Ratio Lower Upper
129 100
127 79.9 56.8 105.6





#50

1,2-Dibromoethane

Concen: 5.577 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU055631.D

Acq: 03 Oct 2023 10:25

Instrument :

MSVOA_U

ClientSampleId :

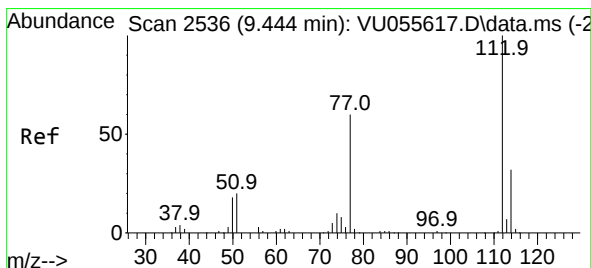
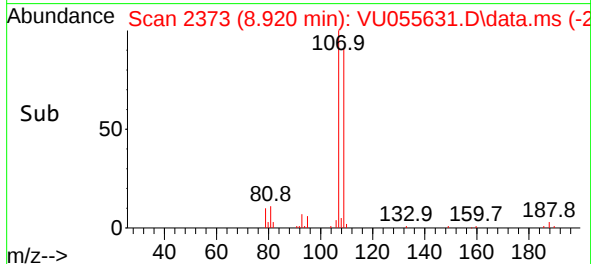
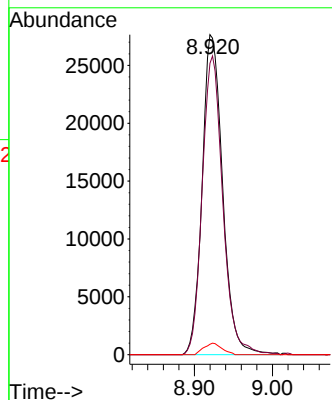
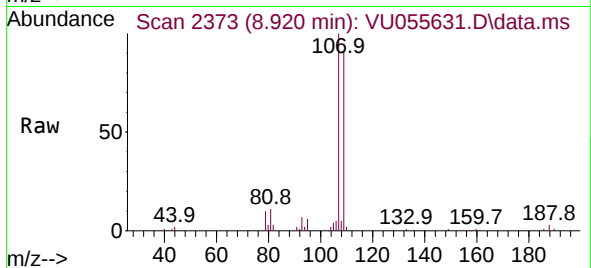
Tgt Ion:107 Resp: 50537

Ion Ratio Lower Upper

107 100

109 91.1 66.1 122.8

188 3.2 3.2 4.8



#51

Chlorobenzene

Concen: 5.505 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

Lab File: VU055631.D

Acq: 03 Oct 2023 10:25

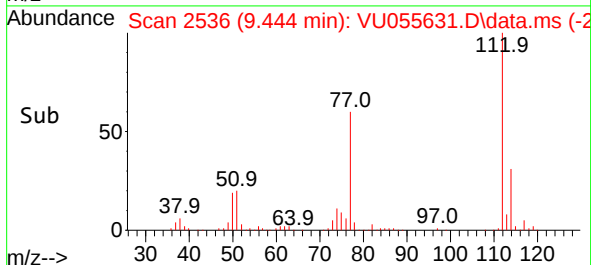
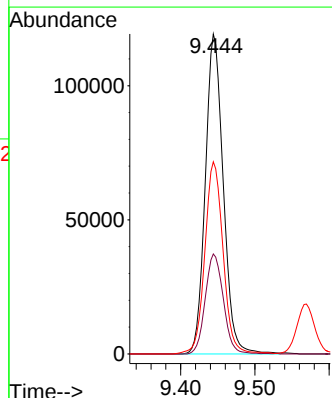
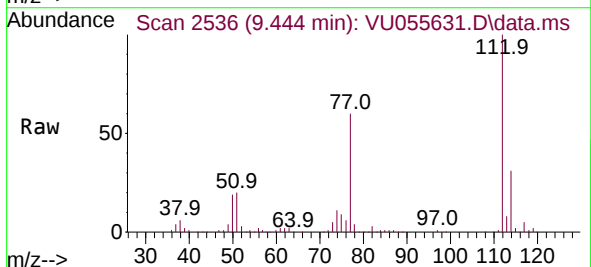
Tgt Ion:112 Resp: 200270

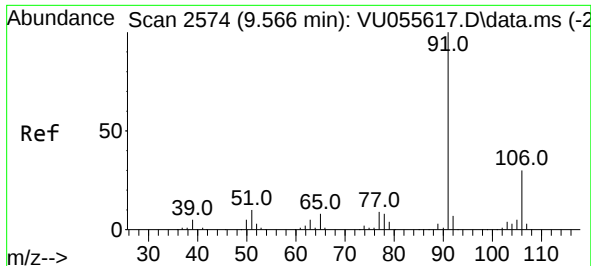
Ion Ratio Lower Upper

112 100

114 31.2 22.0 40.8

77 60.0 46.9 70.3





#52

Ethylbenzene

Concen: 5.573 ug/L

RT: 9.569 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU055631.D

Acq: 03 Oct 2023 10:25

Instrument :

MSVOA_U

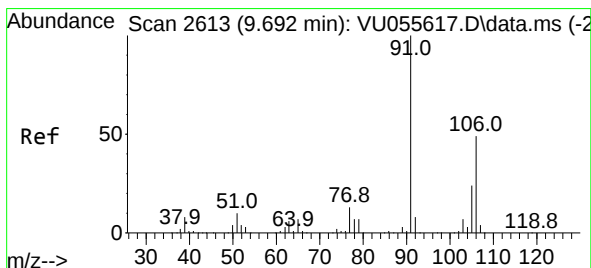
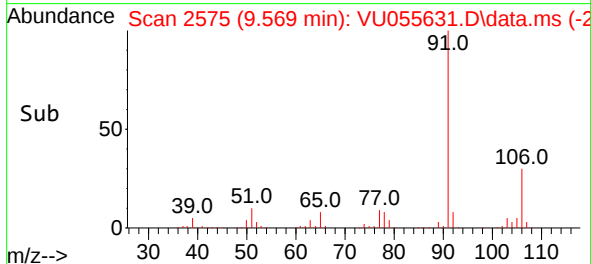
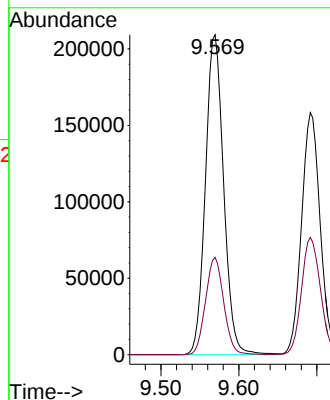
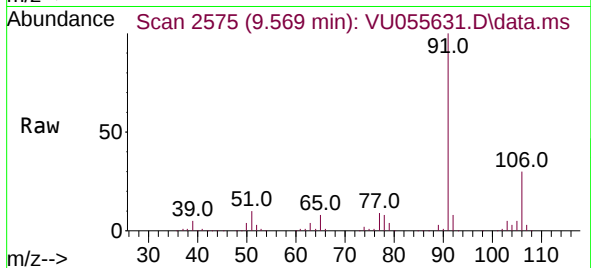
ClientSampleId :

Tgt Ion: 91 Resp: 339385

Ion Ratio Lower Upper

91 100

106 30.4 22.4 41.6



#53

m,p-Xylene

Concen: 5.752 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. -0.000 min

Lab File: VU055631.D

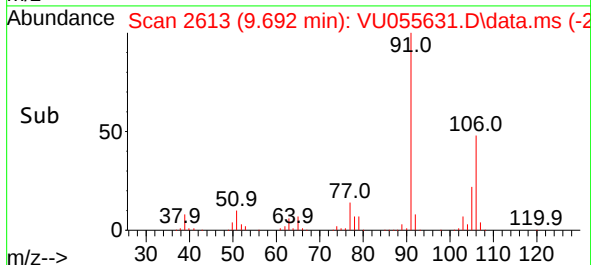
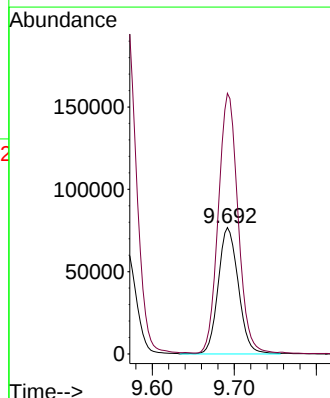
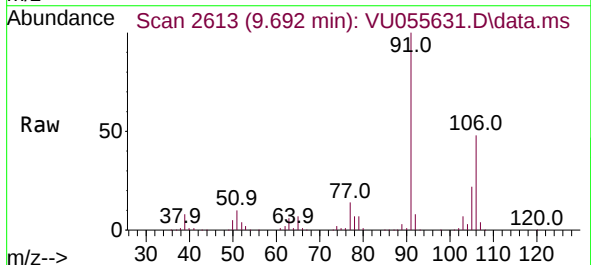
Acq: 03 Oct 2023 10:25

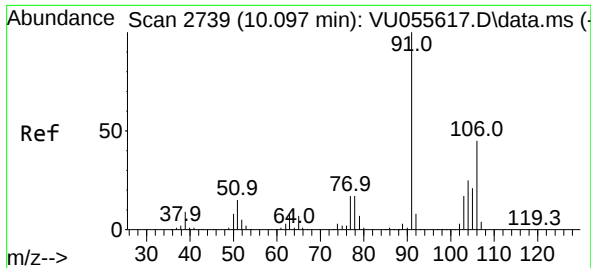
Tgt Ion:106 Resp: 131264

Ion Ratio Lower Upper

106 100

91 206.3 144.8 269.0

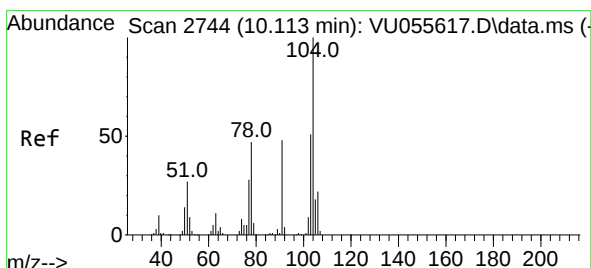
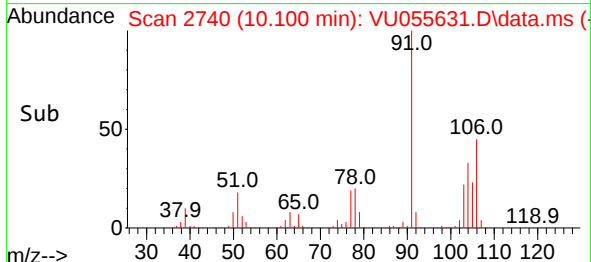
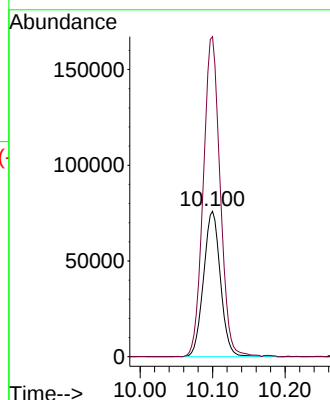
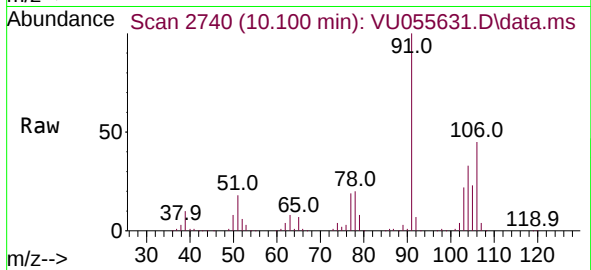




#54
o-Xylene
Concen: 5.538 ug/L
RT: 10.100 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU055631.D
Acq: 03 Oct 2023 10:25

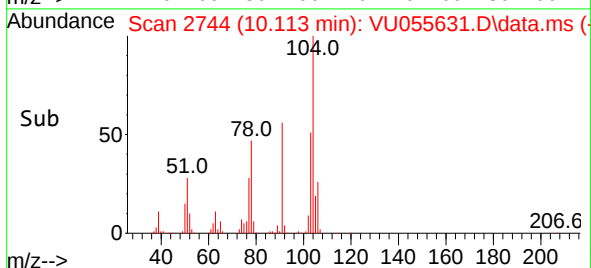
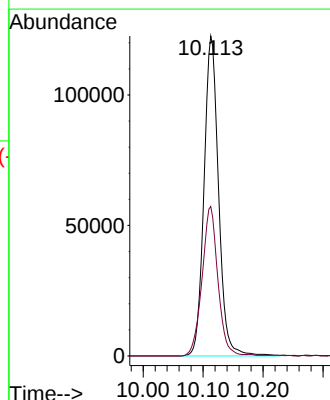
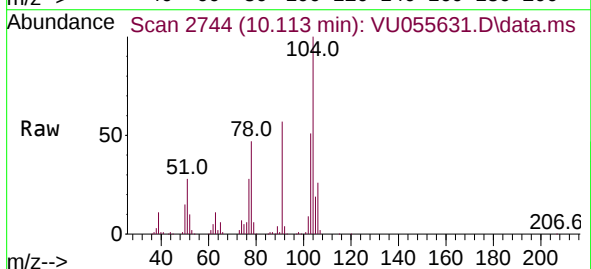
Instrument :
MSVOA_U
ClientSampleId :

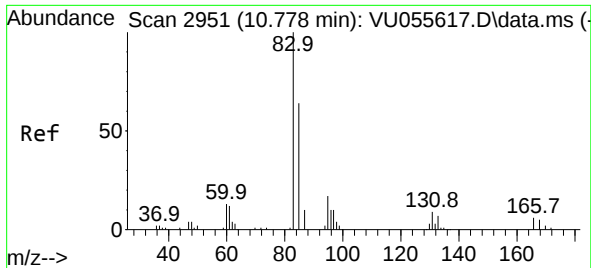
Tgt Ion:106 Resp: 122864
Ion Ratio Lower Upper
106 100
91 220.1 157.6 292.8



#55
Styrene
Concen: 5.791 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU055631.D
Acq: 03 Oct 2023 10:25

Tgt Ion:104 Resp: 207773
Ion Ratio Lower Upper
104 100
78 46.7 31.2 58.0

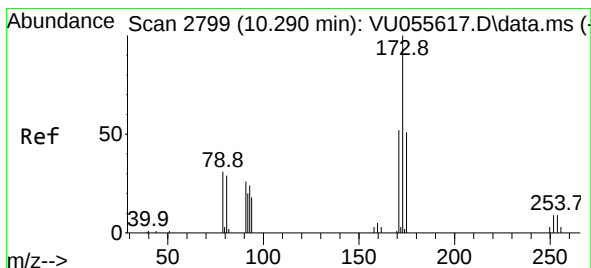
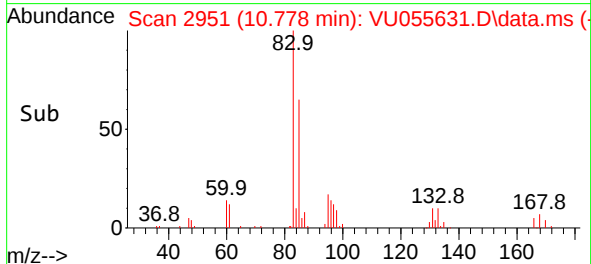
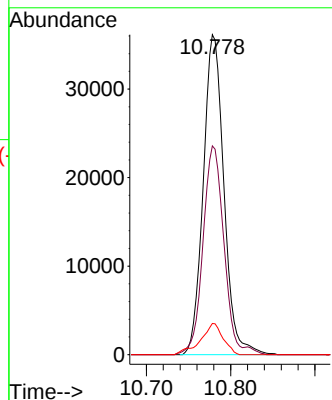
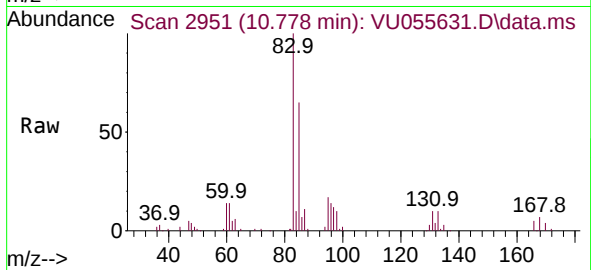




#57
1,1,2,2-Tetrachloroethane
Concen: 5.606 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU055631.D
Acq: 03 Oct 2023 10:25

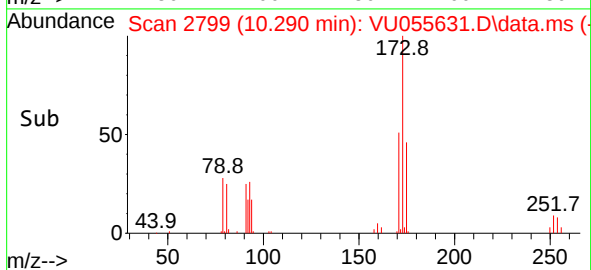
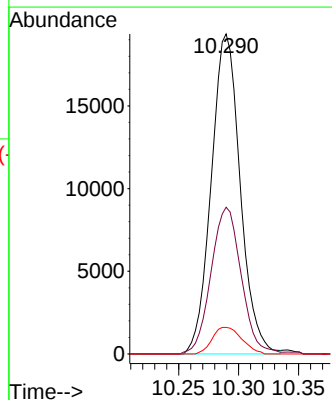
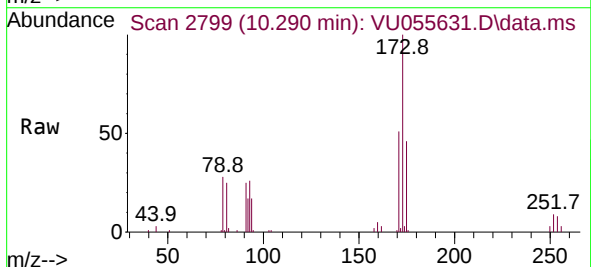
Instrument :
MSVOA_U
ClientSampleId :

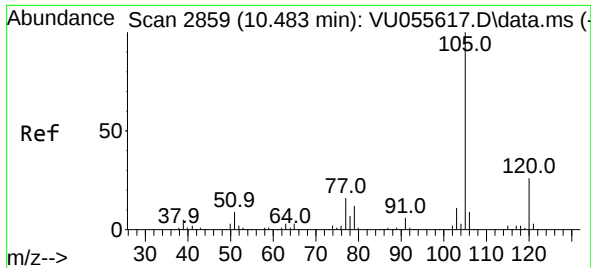
Tgt Ion: 83 Resp: 61800
Ion Ratio Lower Upper
83 100
85 65.2 44.4 82.5
131 9.8 7.4 11.2



#59
Bromoform
Concen: 5.787 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. -0.000 min
Lab File: VU055631.D
Acq: 03 Oct 2023 10:25

Tgt Ion:173 Resp: 32438
Ion Ratio Lower Upper
173 100
175 47.7 39.4 59.2
254 8.5 7.3 10.9

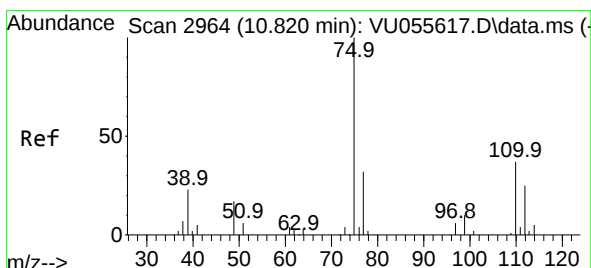
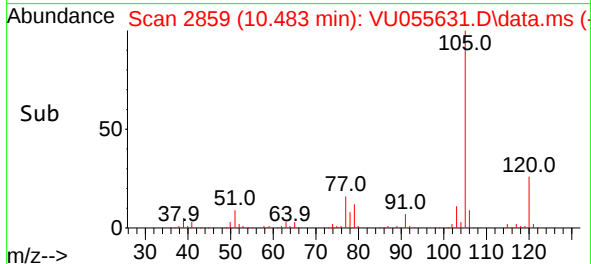
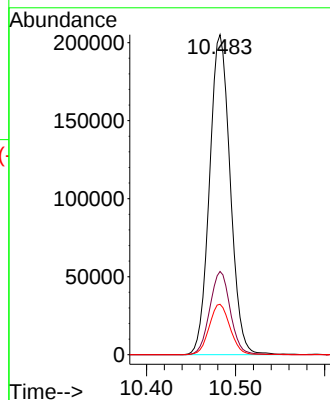
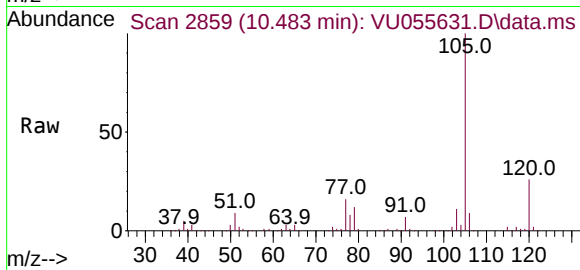




#60
Isopropylbenzene
Concen: 5.479 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU055631.D
Acq: 03 Oct 2023 10:25

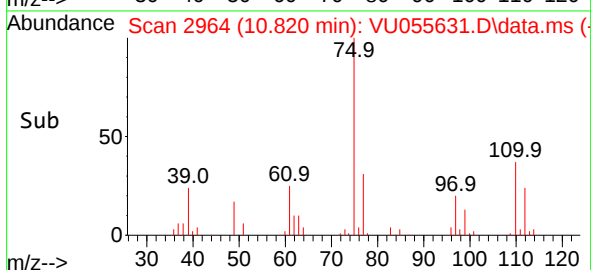
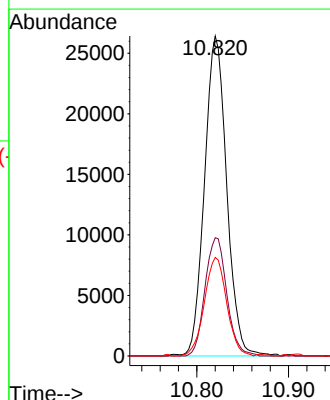
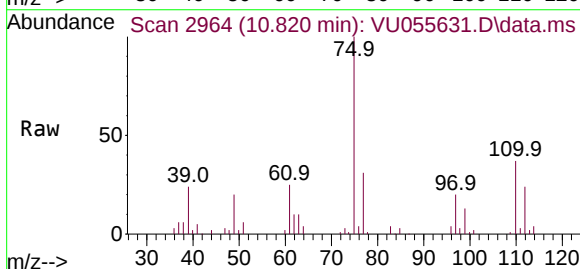
Instrument :
MSVOA_U
ClientSampleId :

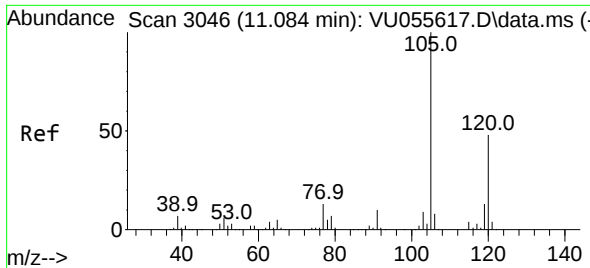
Tgt Ion:105 Resp: 330203
Ion Ratio Lower Upper
105 100
120 25.8 20.8 31.2
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.442 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. -0.000 min
Lab File: VU055631.D
Acq: 03 Oct 2023 10:25

Tgt Ion: 75 Resp: 44420
Ion Ratio Lower Upper
75 100
110 36.3 30.6 45.8
77 31.0 26.7 40.1

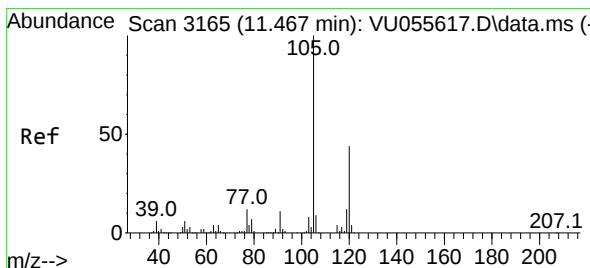
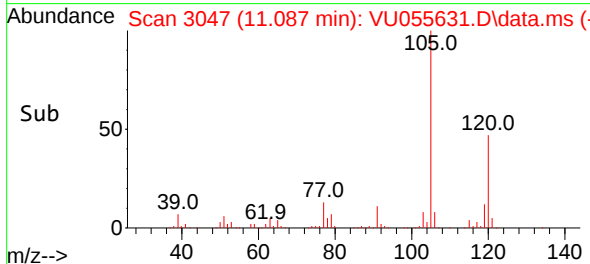
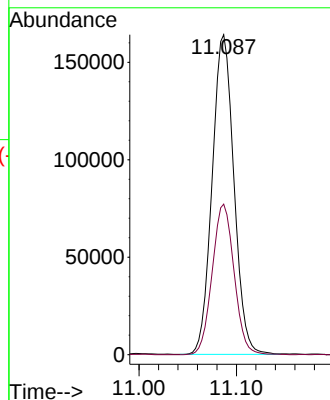
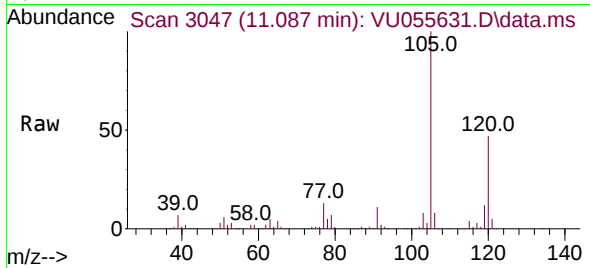




#62
 1,3,5-Trimethylbenzene
 Concen: 5.280 ug/L
 RT: 11.087 min Scan# 3046
 Delta R.T. 0.003 min
 Lab File: VU055631.D
 Acq: 03 Oct 2023 10:25

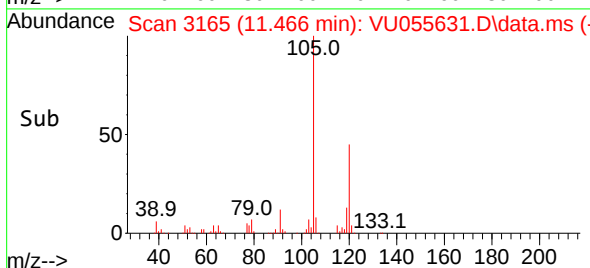
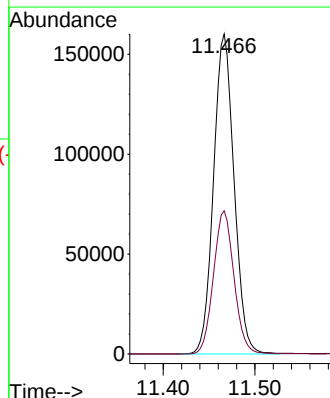
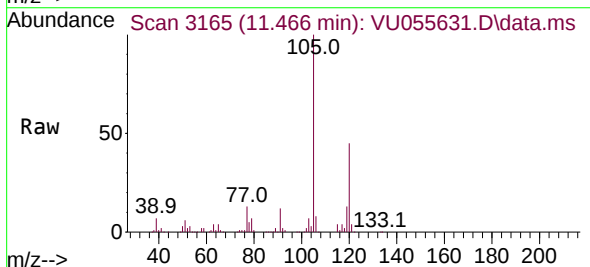
Instrument :
 MSVOA_U
 ClientSampleId :

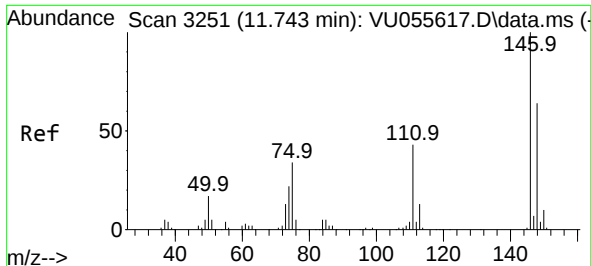
Tgt Ion:105 Resp: 254463
 Ion Ratio Lower Upper
 105 100
 120 47.4 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.282 ug/L
 RT: 11.466 min Scan# 3165
 Delta R.T. -0.000 min
 Lab File: VU055631.D
 Acq: 03 Oct 2023 10:25

Tgt Ion:105 Resp: 249195
 Ion Ratio Lower Upper
 105 100
 120 44.7 34.9 52.3

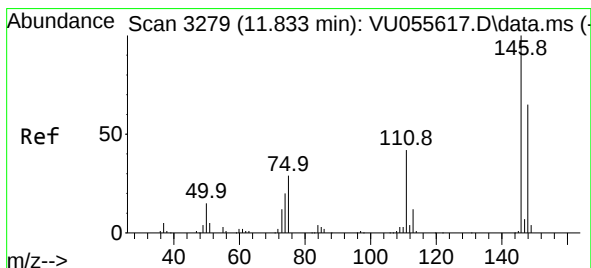
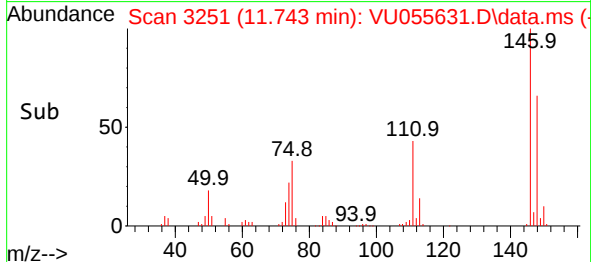
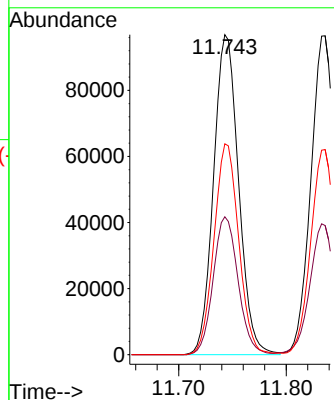
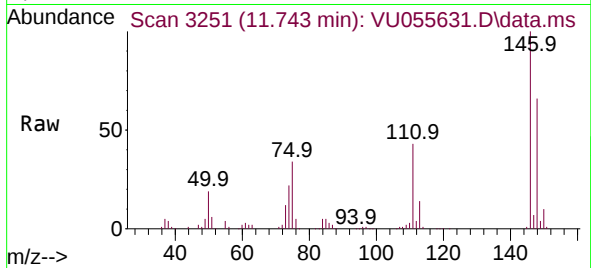




#64
1,3-Dichlorobenzene
Concen: 5.428 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU055631.D
Acq: 03 Oct 2023 10:25

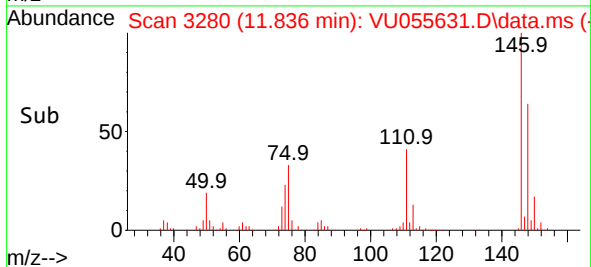
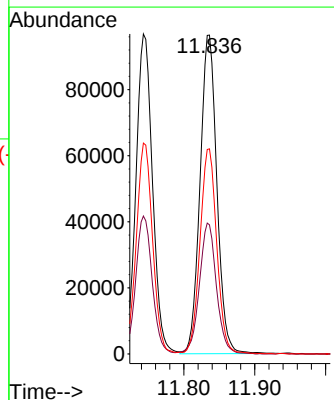
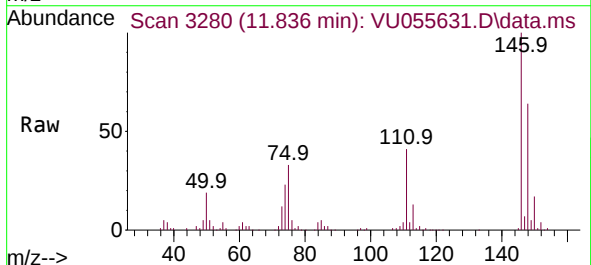
Instrument :
MSVOA_U
ClientSampleId :

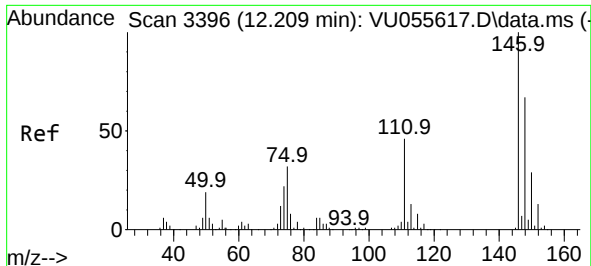
Tgt Ion:146 Resp: 156618
Ion Ratio Lower Upper
146 100
111 43.1 28.8 53.6
148 65.9 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 5.512 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.003 min
Lab File: VU055631.D
Acq: 03 Oct 2023 10:25

Tgt Ion:146 Resp: 158968
Ion Ratio Lower Upper
146 100
111 40.5 29.0 53.8
148 64.4 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 5.409 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. -0.000 min

Lab File: VU055631.D

Acq: 03 Oct 2023 10:25

Instrument :

MSVOA_U

ClientSampleId :

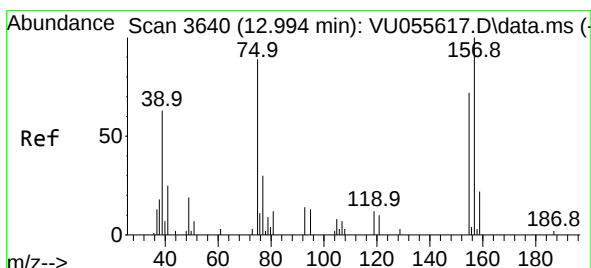
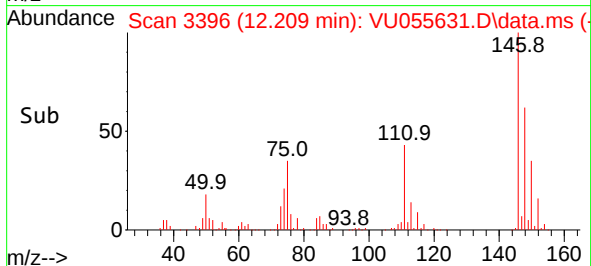
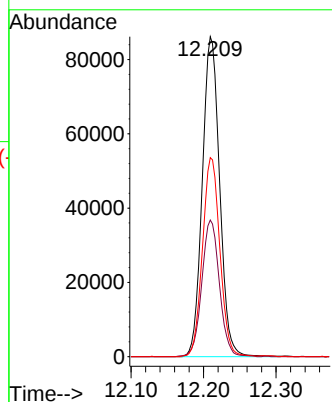
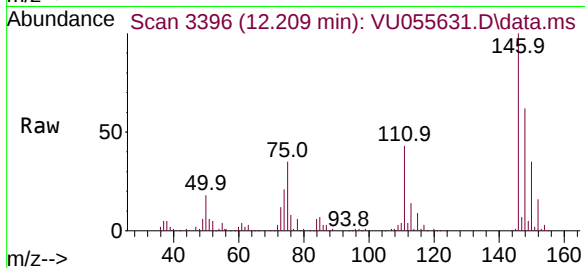
Tgt Ion:146 Resp: 143084

Ion Ratio Lower Upper

146 100

111 42.7 34.6 52.0

148 62.2 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.790 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU055631.D

Acq: 03 Oct 2023 10:25

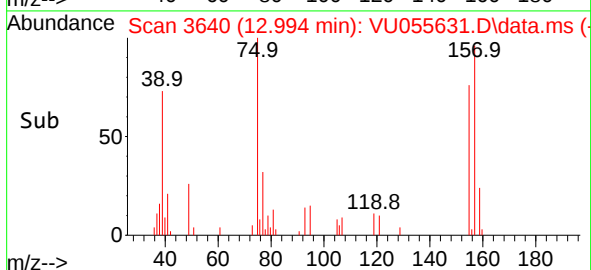
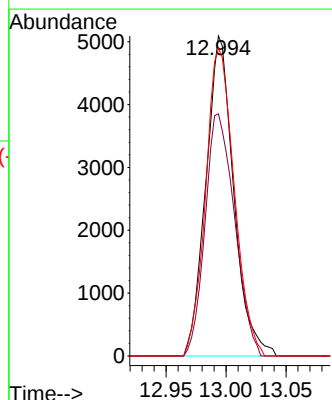
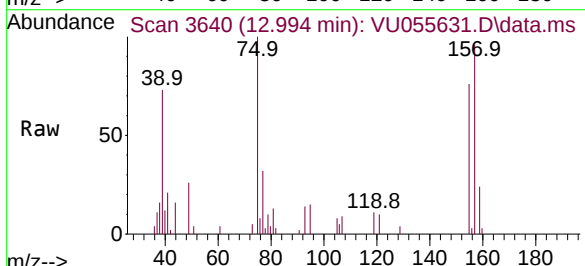
Tgt Ion: 75 Resp: 8192

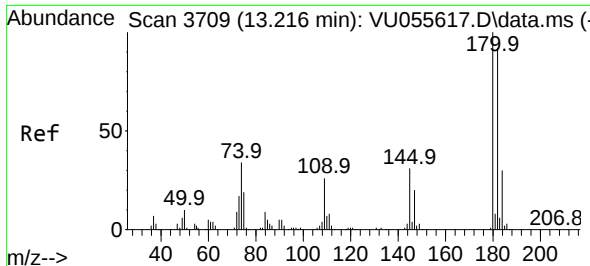
Ion Ratio Lower Upper

75 100

155 75.6 69.2 103.8

157 96.1 81.9 122.9





#69

1,3,5-Trichlorobenzene

Concen: 5.381 ug/L

RT: 13.216 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055631.D

Acq: 03 Oct 2023 10:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 106928

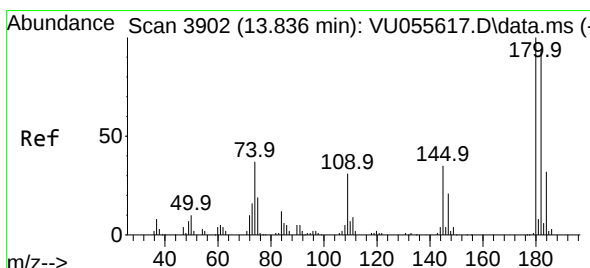
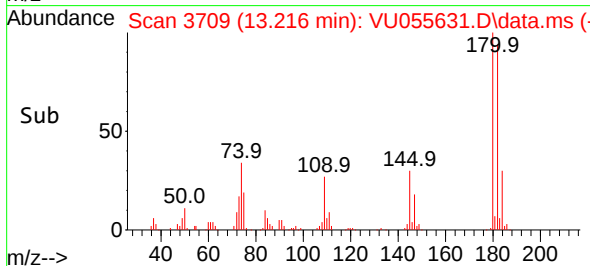
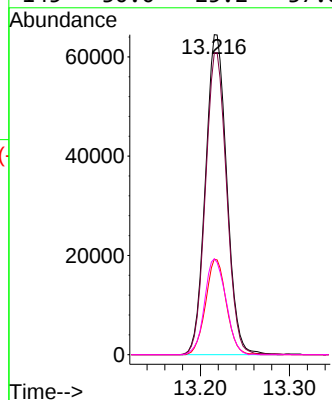
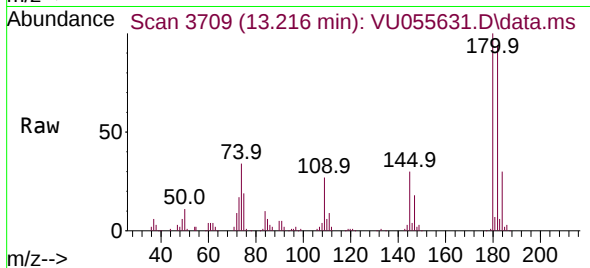
Ion Ratio Lower Upper

180 100

182 93.5 77.1 115.7

184 29.0 24.0 36.0

145 30.0 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.476 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.003 min

Lab File: VU055631.D

Acq: 03 Oct 2023 10:25

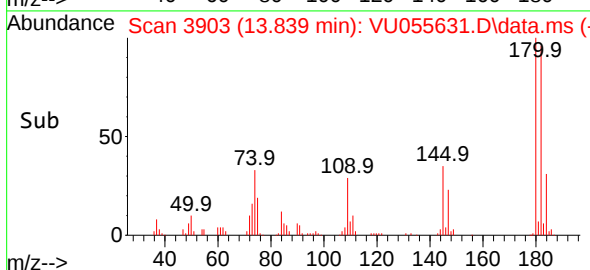
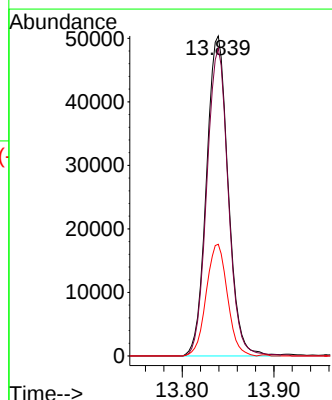
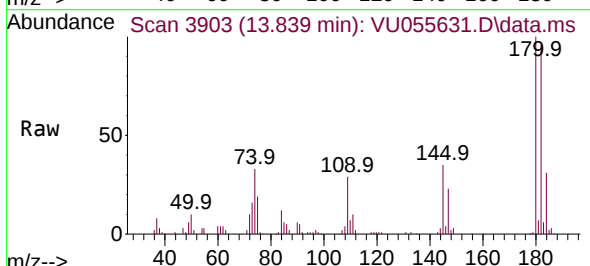
Tgt Ion:180 Resp: 82958

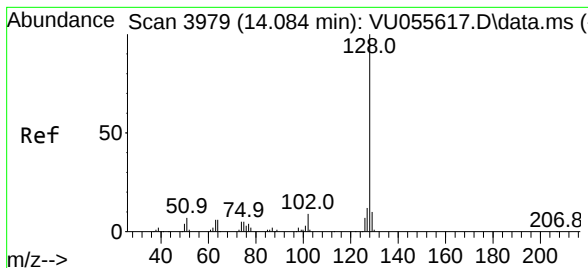
Ion Ratio Lower Upper

180 100

182 94.6 76.4 114.6

145 34.0 25.4 38.0





#71

Naphthalene

Concen: 5.396 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU055631.D

Acq: 03 Oct 2023 10:25

Instrument :

MSVOA_U

ClientSampleId :

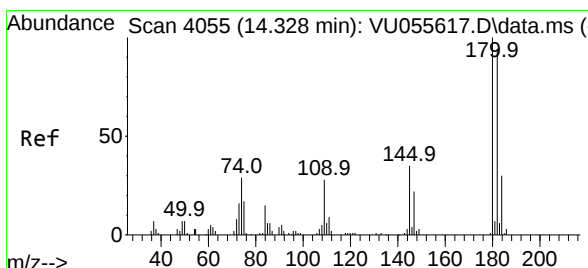
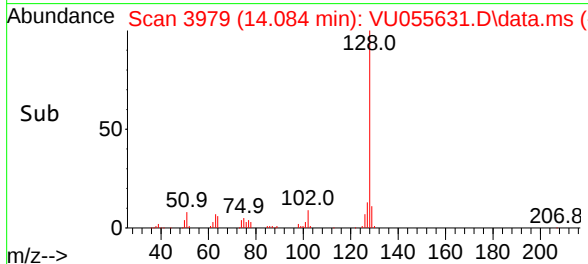
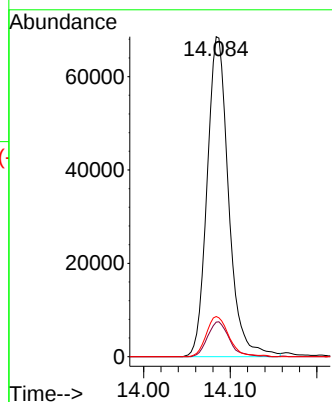
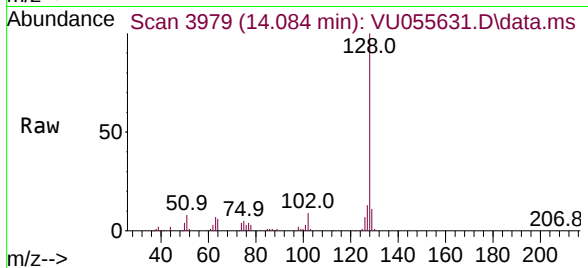
Tgt Ion:128 Resp: 118347

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

127 13.2 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.366 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. -0.000 min

Lab File: VU055631.D

Acq: 03 Oct 2023 10:25

Tgt Ion:180 Resp: 70737

Ion Ratio Lower Upper

180 100

182 94.4 76.2 114.4

145 34.6 26.0 39.0

