

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U091323\
 Data File : VU055276.D
 Acq On : 13 Sep 2023 09:59
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 14 04:56:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 13 05:34:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	171266	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	176940	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	91902	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28552	3.557	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.200%	
7) Chloroethane-d5	1.904	69	44564	4.796	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.000%	
11) 1,1-Dichloroethene-d2	2.563	65	16655	3.642	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.800%	
20) 2-Butanone-d5	4.621	46	135124	58.009	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.020%	
24) Chloroform-d	5.062	84	108987	5.117	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
26) 1,2-Dichloroethane-d4	5.698	65	54177	5.084	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.600%	
32) Benzene-d6	5.724	84	187869	4.301	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
36) 1,2-Dichloropropane-d6	6.689	67	65281	4.699	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.000%	
41) Toluene-d8	7.898	98	161152	4.005	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.200%	
43) trans-1,3-Dichloroprop...	8.181	79	16691	4.363	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.200%	
46) 2-Hexanone-d5	8.631	63	82584	53.173	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.340%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	47618	4.874	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	58743	4.379	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	47756	4.798	ug/L	96
3) Chloromethane	1.515	50	45196	4.461	ug/L	93
5) Vinyl chloride	1.602	62	50328	4.709	ug/L	98
6) Bromomethane	1.846	94	47382	7.350	ug/L	99
8) Chloroethane	1.927	64	36619	5.262	ug/L	97
9) Trichlorofluoromethane	2.133	101	79638	5.124	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	47214	5.221	ug/L	97
12) 1,1-Dichloroethene	2.576	96	38722	4.890	ug/L	93
13) Acetone	2.628	43	73898	47.335	ug/L	99
14) Carbon disulfide	2.788	76	82782	4.269	ug/L	97
15) Methyl Acetate	2.949	43	14974	4.686	ug/L	94
16) Methylene chloride	3.039	84	62811	5.192	ug/L	96
17) Methyl tert-butyl Ether	3.361	73	106933	5.149	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	41068	5.112	ug/L	90
19) 1,1-Dichloroethane	3.866	63	94049	5.417	ug/L	96
21) 2-Butanone	4.705	43	110002	47.957	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	54090	5.501	ug/L	94
23) Bromochloromethane	4.975	128	22365	5.530	ug/L	99
25) Chloroform	5.084	83	103734	5.737	ug/L	93

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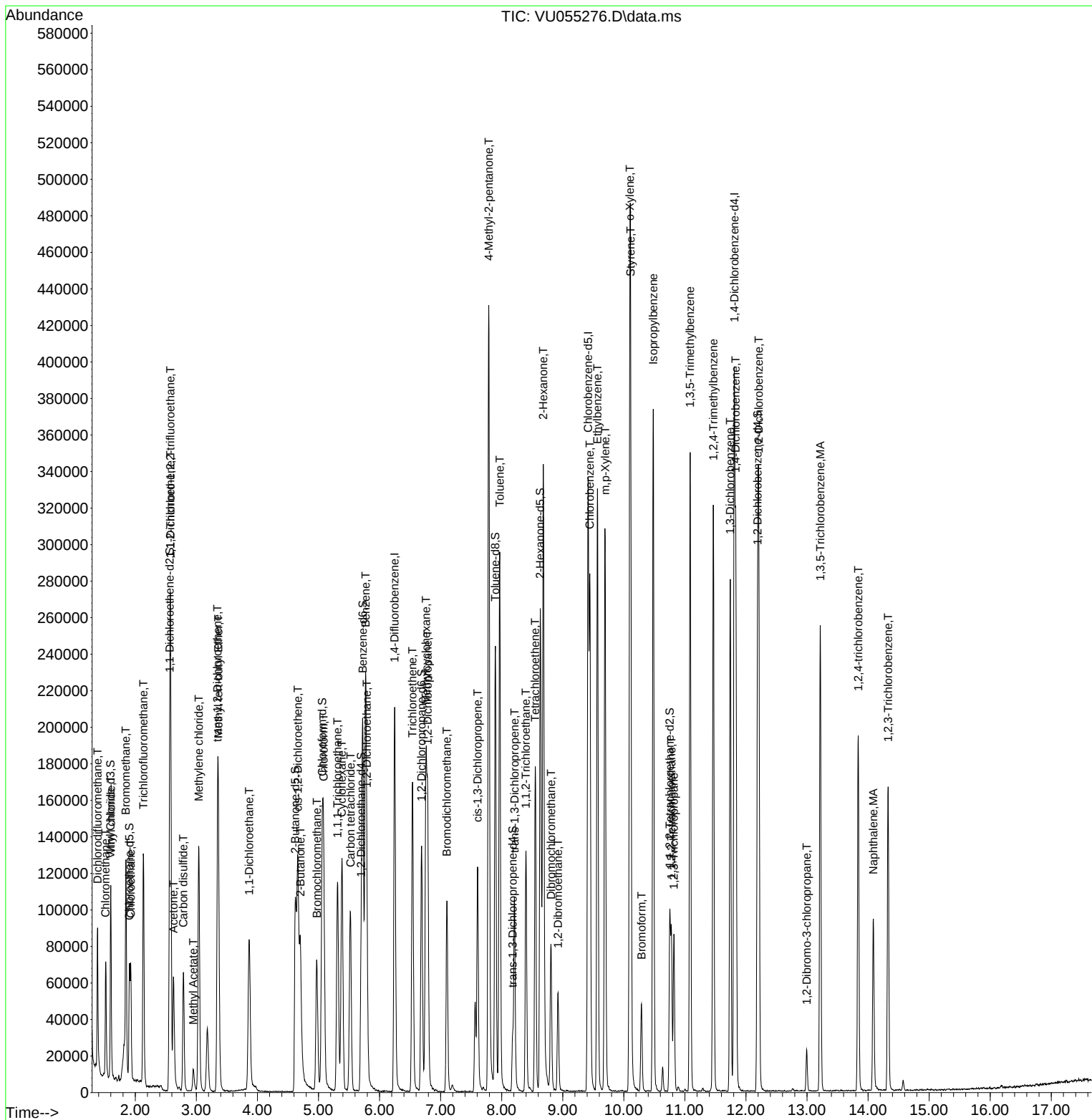
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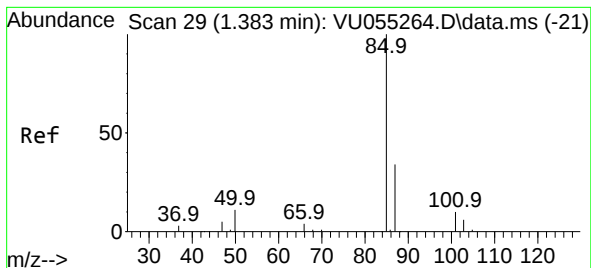
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	62500	5.663	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	82734	5.406	ug/L	99
30) Cyclohexane	5.383	56	59698	4.386	ug/L	99
31) Carbon tetrachloride	5.525	117	66490	5.224	ug/L	98
33) Benzene	5.772	78	200475	5.324	ug/L	100
34) Trichloroethene	6.541	95	57719	5.515	ug/L	97
35) Methylcyclohexane	6.763	83	66274	4.513	ug/L	96
37) 1,2-Dichloropropane	6.788	63	56219	5.483	ug/L	99
38) Bromodichloromethane	7.103	83	68907	5.629	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	72171	5.176	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	276442	47.269	ug/L	98
42) Toluene	7.968	91	220318	5.488	ug/L	94
44) trans-1,3-Dichloropropene	8.209	75	58470	5.342	ug/L	95
45) 1,1,2-Trichloroethane	8.396	97	39772	5.759	ug/L	97
47) Tetrachloroethene	8.550	164	36822	5.091	ug/L	94
48) 2-Hexanone	8.682	43	210618	45.978	ug/L	98
49) Dibromochloromethane	8.807	129	40828	5.416	ug/L	97
50) 1,2-Dibromoethane	8.923	107	36114	5.743	ug/L #	95
51) Chlorobenzene	9.444	112	142658	5.365	ug/L	97
52) Ethylbenzene	9.570	91	233349	5.195	ug/L	100
53) m,p-Xylene	9.695	106	89020	5.356	ug/L	94
54) o-Xylene	10.100	106	87371	5.342	ug/L	100
55) Styrene	10.113	104	148009	5.480	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	40785	4.742	ug/L	95
59) Bromoform	10.290	173	20414	5.560	ug/L	95
60) Isopropylbenzene	10.483	105	239013	5.577	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	34834	5.712	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	188667	5.292	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	179544	5.110	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	108950	5.296	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	105864	5.163	ug/L	96
67) 1,2-Dichlorobenzene	12.209	146	101892	5.283	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	5606	4.772	ug/L	94
69) 1,3,5-Trichlorobenzene	13.219	180	73648	4.737	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	53313	3.657	ug/L	96
71) Naphthalene	14.087	128	79200	2.989	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	47237	3.733	ug/L	98

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

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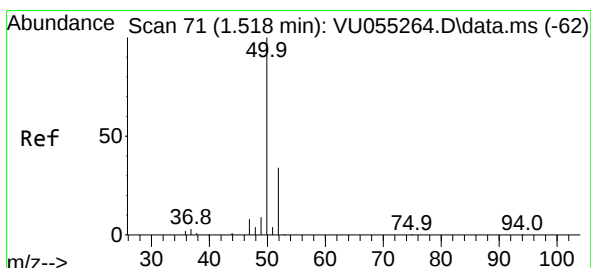
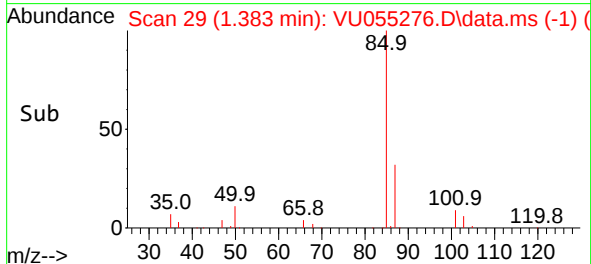
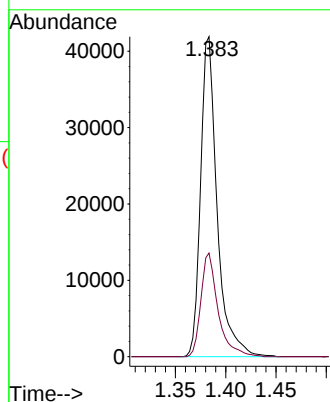
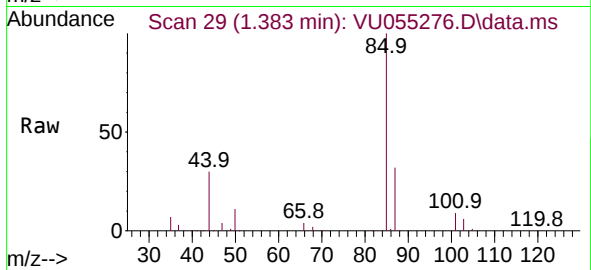




#2
 Dichlorodifluoromethane
 Concen: 4.798 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055276.D
 Acq: 13 Sep 2023 09:59

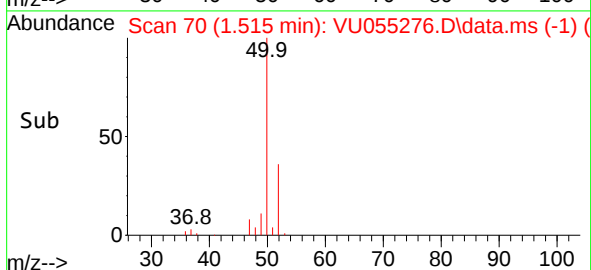
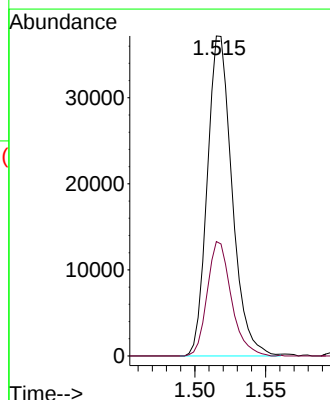
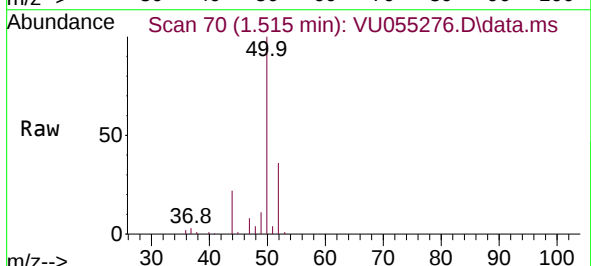
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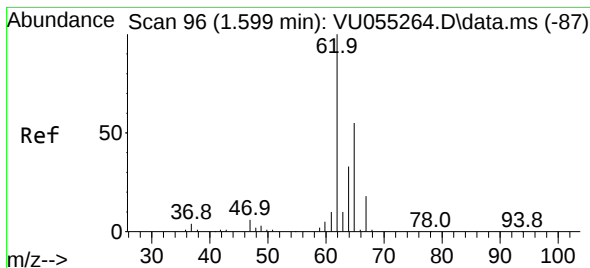
Tgt Ion: 85 Resp: 47756
 Ion Ratio Lower Upper
 85 100
 87 33.6 25.1 37.7



#3
 Chloromethane
 Concen: 4.461 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU055276.D
 Acq: 13 Sep 2023 09:59

Tgt Ion: 50 Resp: 45196
 Ion Ratio Lower Upper
 50 100
 52 35.8 22.5 41.7





#5

Vinyl chloride

Concen: 4.709 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU055276.D

Acq: 13 Sep 2023 09:59

Instrument :

MSVOA_U

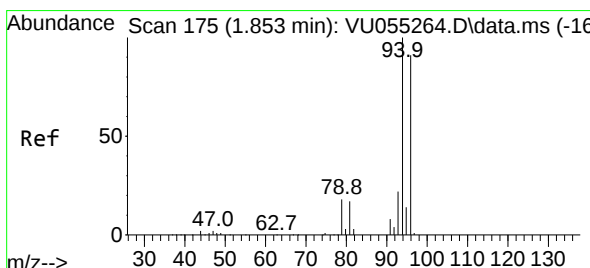
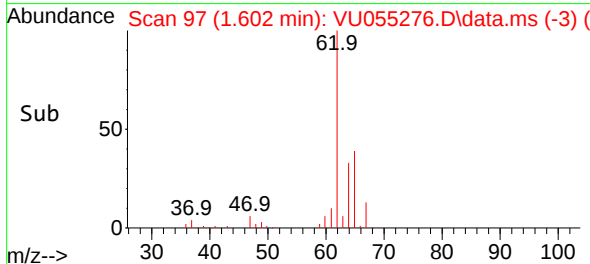
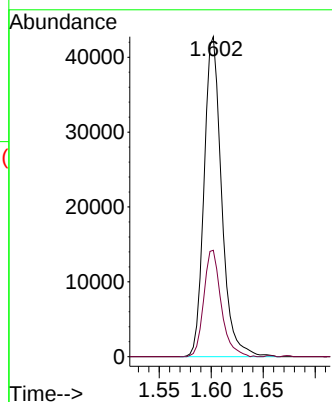
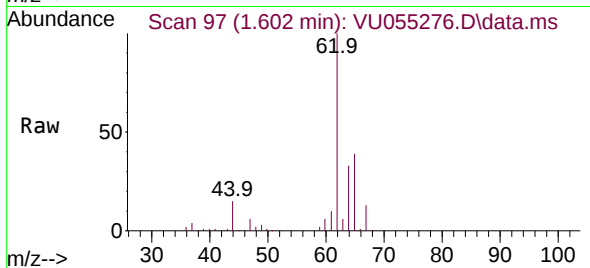
ClientSampleId :

Tgt Ion: 62 Resp: 50328

Ion Ratio Lower Upper

62 100

64 33.3 24.2 45.0



#6

Bromomethane

Concen: 7.350 ug/L

RT: 1.846 min Scan# 173

Delta R.T. -0.006 min

Lab File: VU055276.D

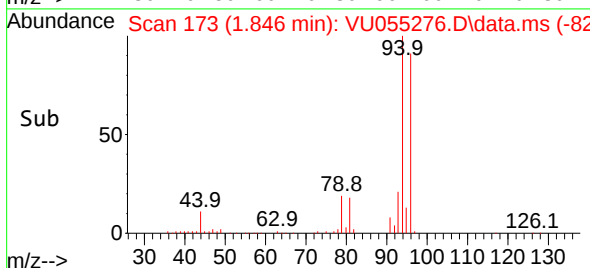
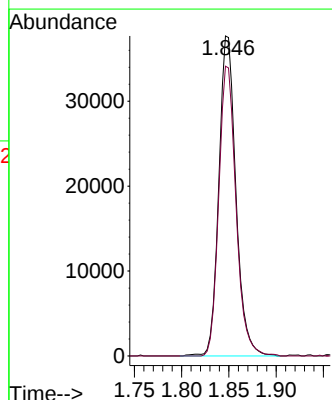
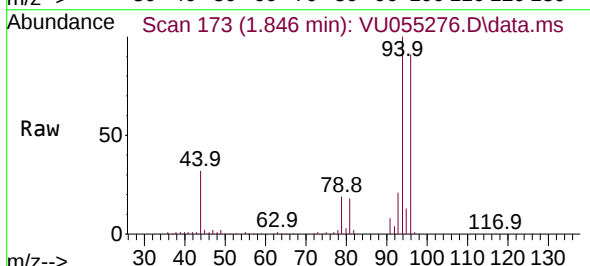
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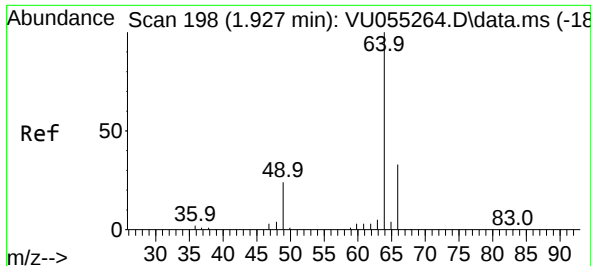
Tgt Ion: 94 Resp: 47382

Ion Ratio Lower Upper

94 100

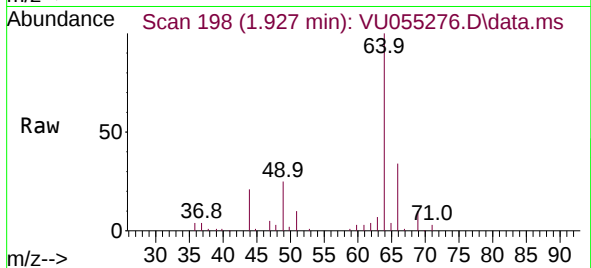
96 90.6 63.8 118.4



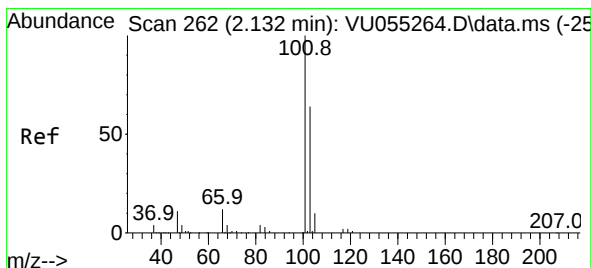
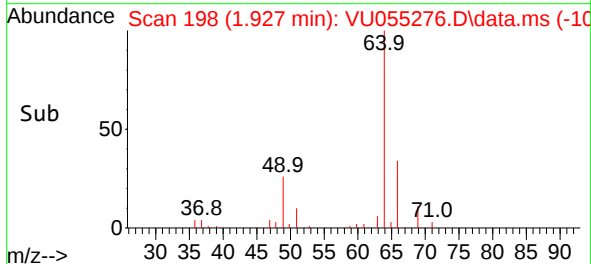
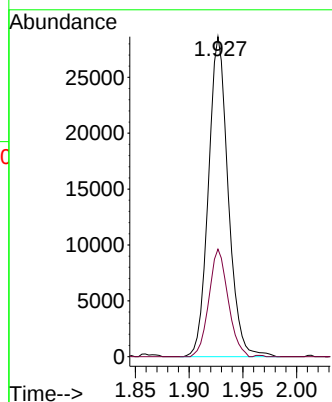


#8
Chloroethane
Concen: 5.262 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU055276.D
Acq: 13 Sep 2023 09:59

Instrument :
MSVOA_U
ClientSampleId :

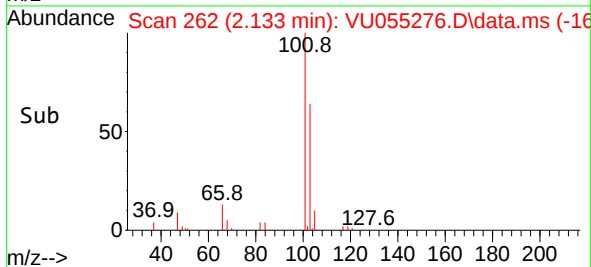
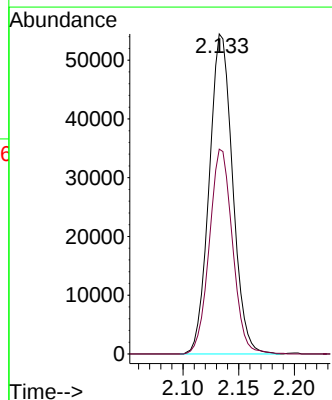
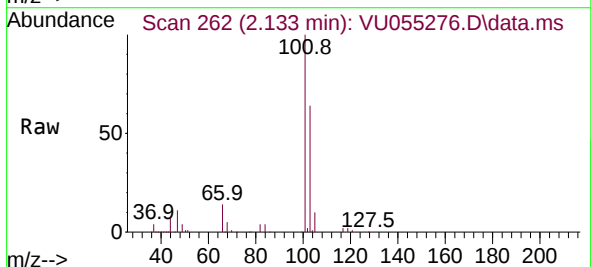


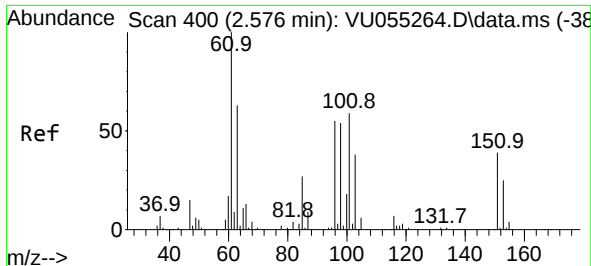
Tgt Ion: 64 Resp: 36619
Ion Ratio Lower Upper
64 100
66 33.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.124 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU055276.D
Acq: 13 Sep 2023 09:59

Tgt Ion: 101 Resp: 79638
Ion Ratio Lower Upper
101 100
103 63.3 51.9 77.9

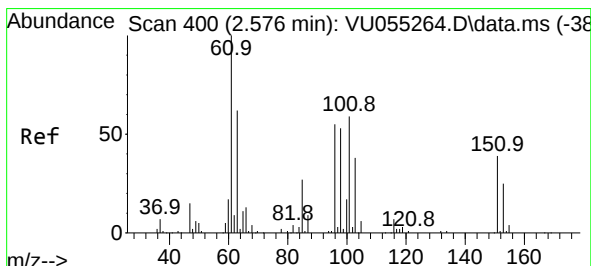
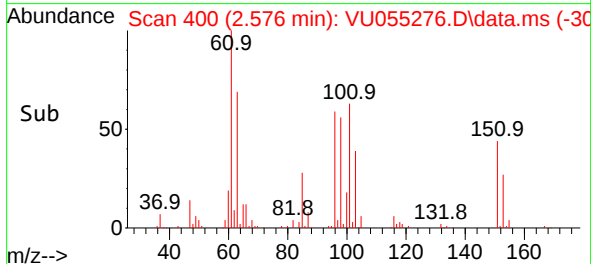
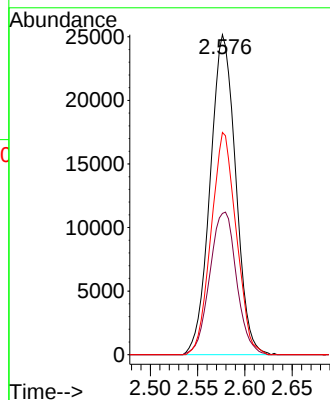
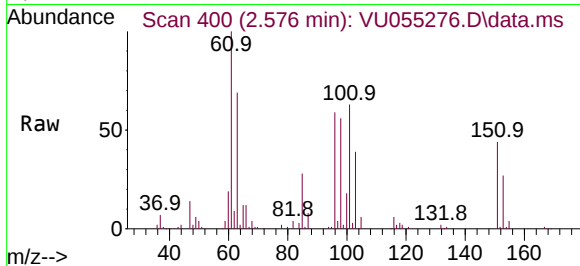




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.221 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055276.D
 Acq: 13 Sep 2023 09:59

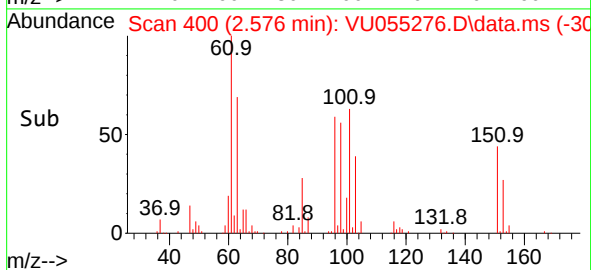
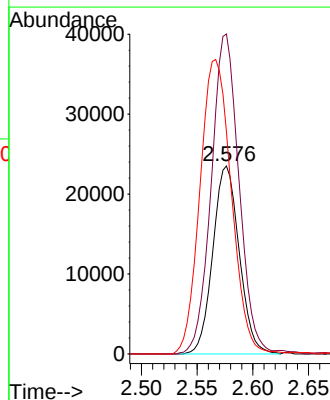
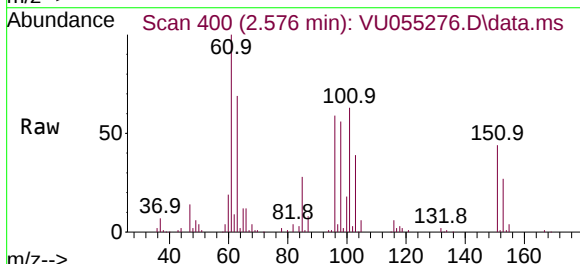
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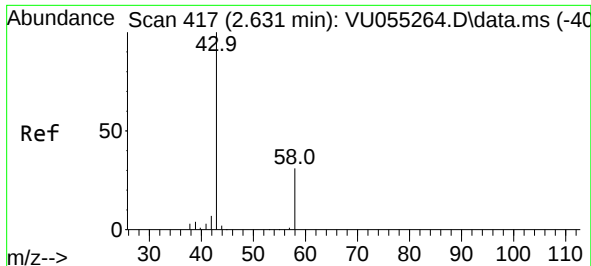
Tgt Ion:101 Resp: 47214
 Ion Ratio Lower Upper
 101 100
 85 46.7 37.3 55.9
 151 68.5 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 4.890 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055276.D
 Acq: 13 Sep 2023 09:59

Tgt Ion: 96 Resp: 38722
 Ion Ratio Lower Upper
 96 100
 61 170.3 120.8 224.4
 63 118.2 94.5 175.5





#13

Acetone

Concen: 47.335 ug/L

RT: 2.628 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU055276.D

Acq: 13 Sep 2023 09:59

Instrument :

MSVOA_U

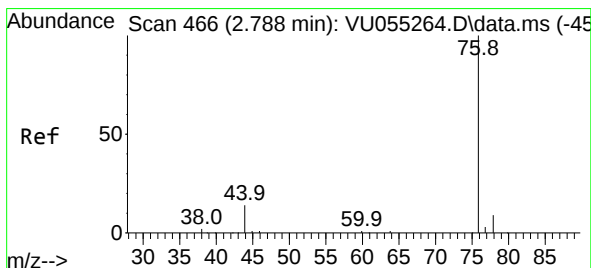
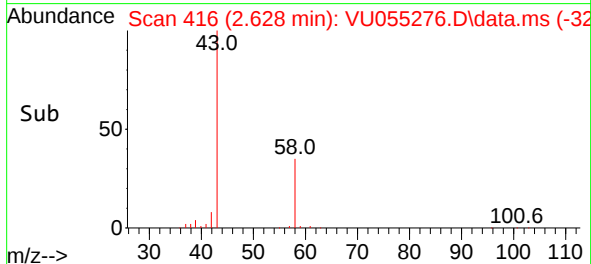
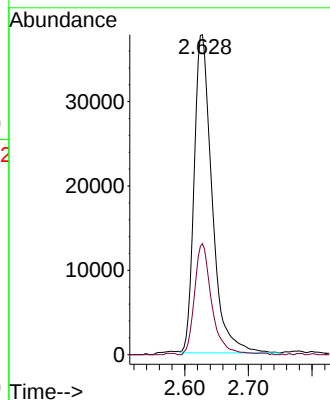
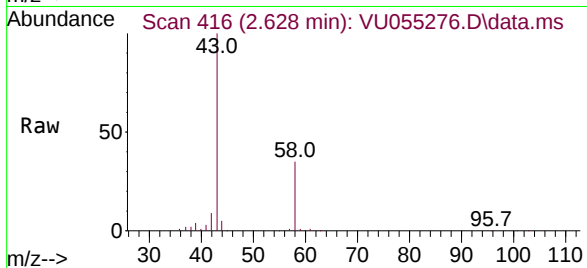
ClientSampleId :

Tgt Ion: 43 Resp: 73898

Ion Ratio Lower Upper

43 100

58 33.5 0.0 67.8



#14

Carbon disulfide

Concen: 4.269 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU055276.D

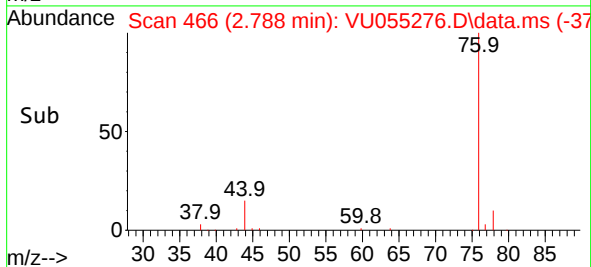
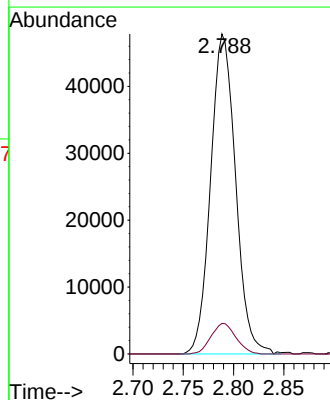
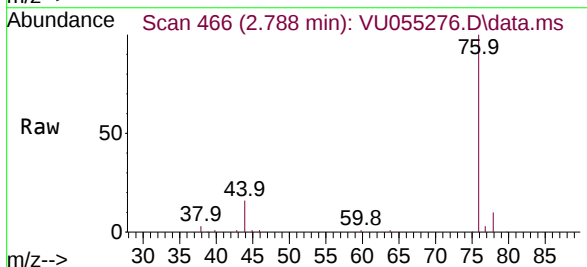
Acq: 13 Sep 2023 09:59

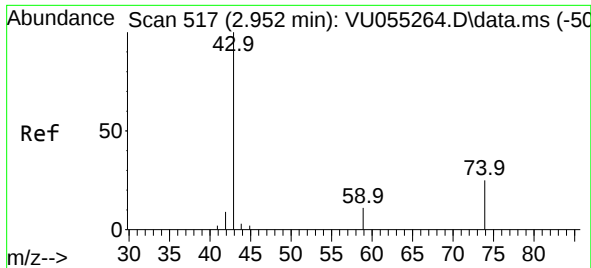
Tgt Ion: 76 Resp: 82782

Ion Ratio Lower Upper

76 100

78 9.6 6.8 10.2

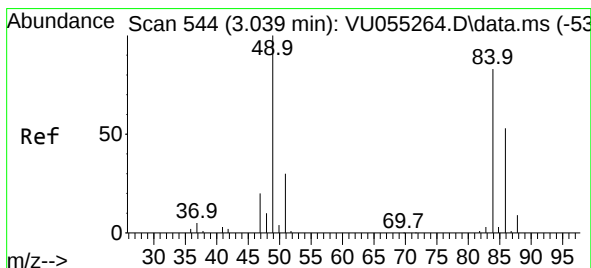
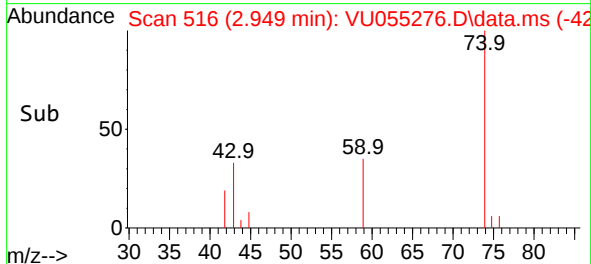
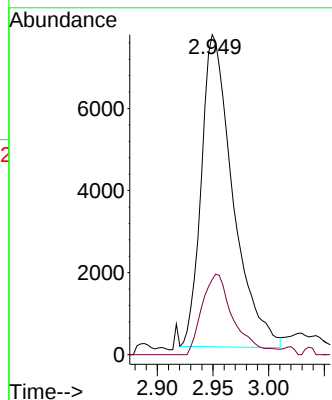
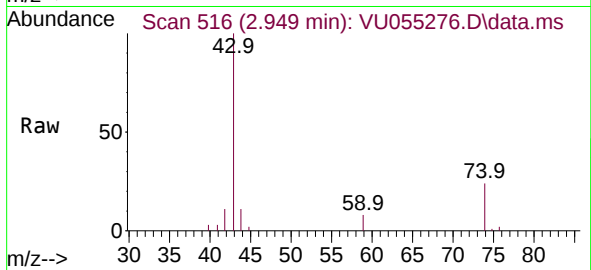




#15
Methyl Acetate
Concen: 4.686 ug/L
RT: 2.949 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU055276.D
Acq: 13 Sep 2023 09:59

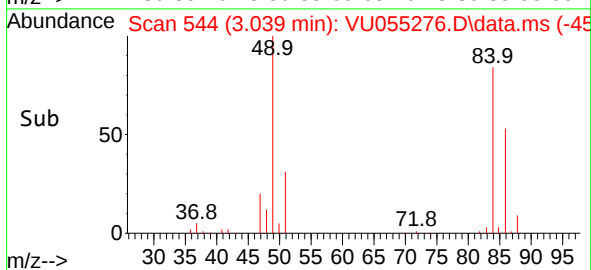
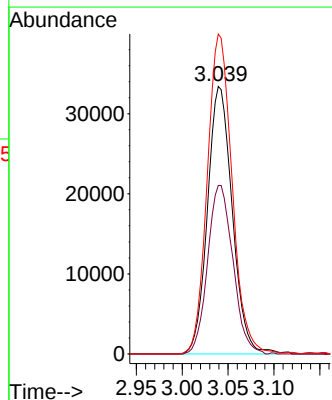
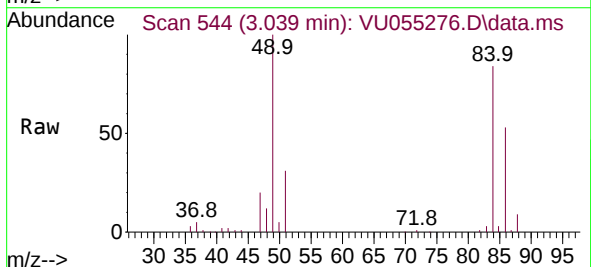
Instrument :
MSVOA_U
ClientSampleId :

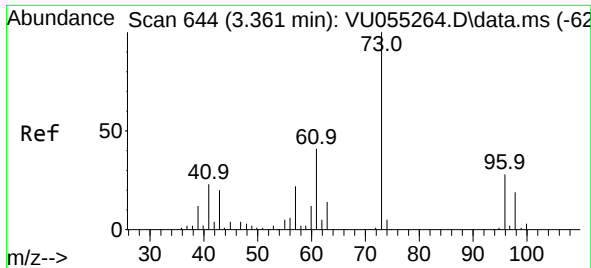
Tgt Ion: 43 Resp: 14974
Ion Ratio Lower Upper
43 100
74 26.0 18.4 27.6



#16
Methylene chloride
Concen: 5.192 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU055276.D
Acq: 13 Sep 2023 09:59

Tgt Ion: 84 Resp: 62811
Ion Ratio Lower Upper
84 100
86 63.0 43.4 80.6
49 119.6 87.7 162.9

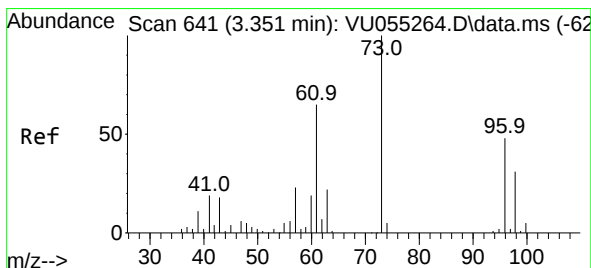
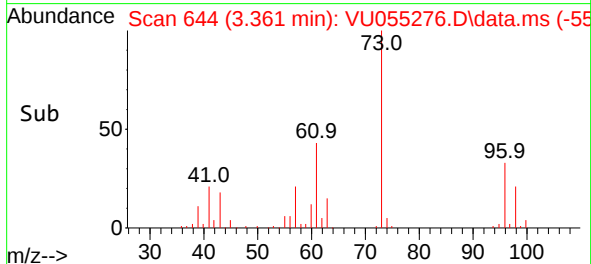
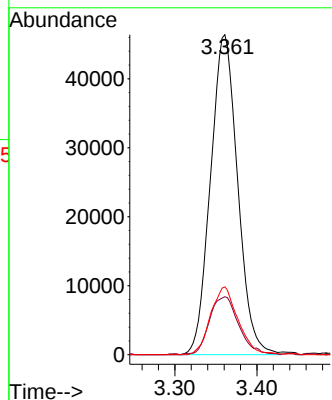
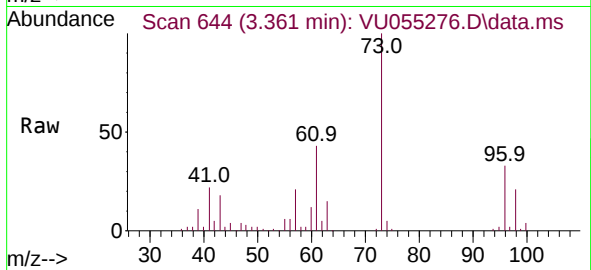




#17
Methyl tert-butyl Ether
Concen: 5.149 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU055276.D
Acq: 13 Sep 2023 09:59

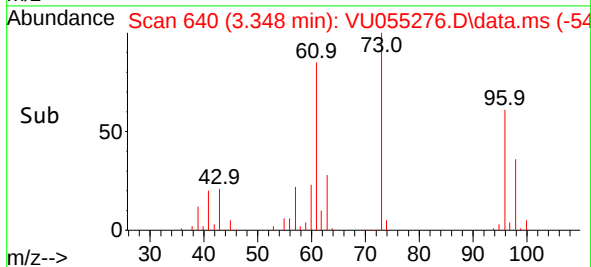
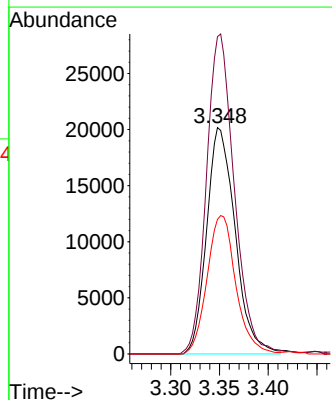
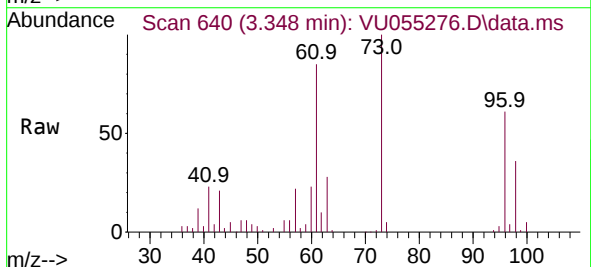
Instrument :
MSVOA_U
ClientSampleId :

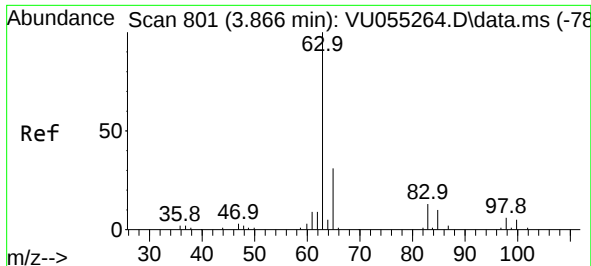
Tgt Ion: 73 Resp: 106933
Ion Ratio Lower Upper
73 100
43 19.5 16.2 24.2
57 21.4 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 5.112 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU055276.D
Acq: 13 Sep 2023 09:59

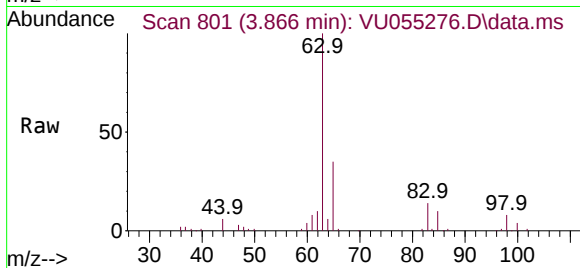
Tgt Ion: 96 Resp: 41068
Ion Ratio Lower Upper
96 100
61 140.1 108.1 200.9
98 59.5 45.4 84.4



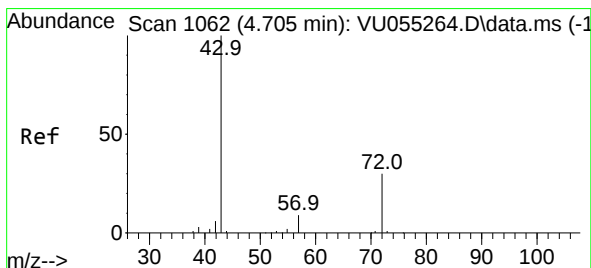
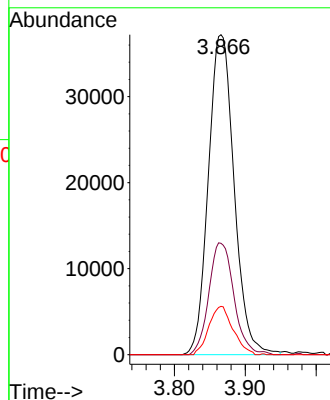
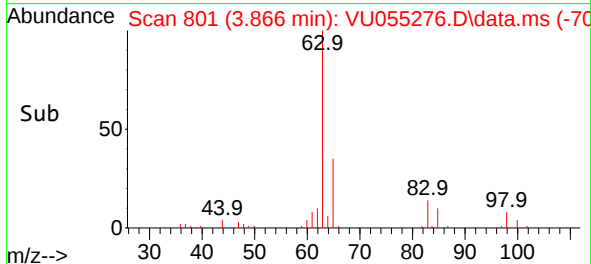


#19
1,1-Dichloroethane
Concen: 5.417 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU055276.D
Acq: 13 Sep 2023 09:59

Instrument :
MSVOA_U
ClientSampleId :

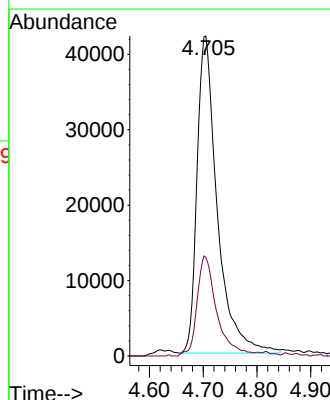
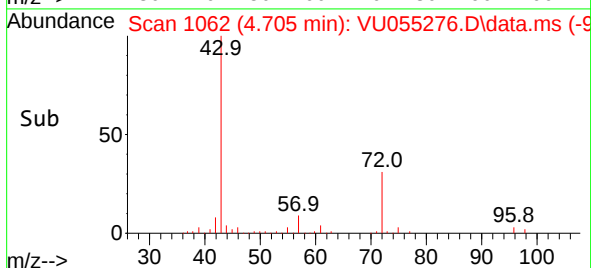
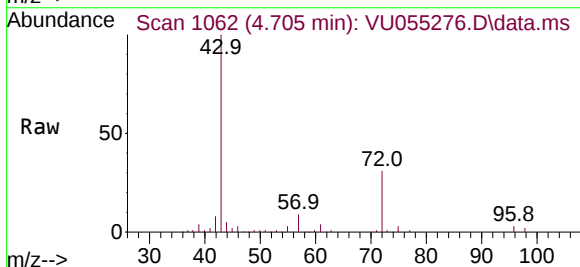


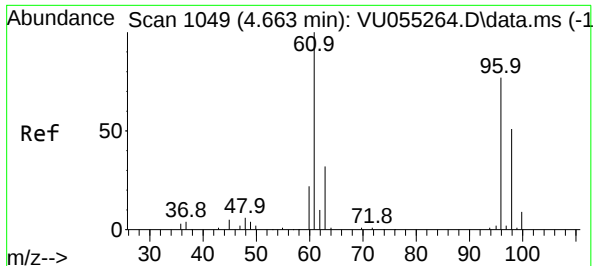
Tgt Ion: 63 Resp: 94049
Ion Ratio Lower Upper
63 100
65 34.8 22.2 41.2
83 15.1 10.6 19.8



#21
2-Butanone
Concen: 47.957 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VU055276.D
Acq: 13 Sep 2023 09:59

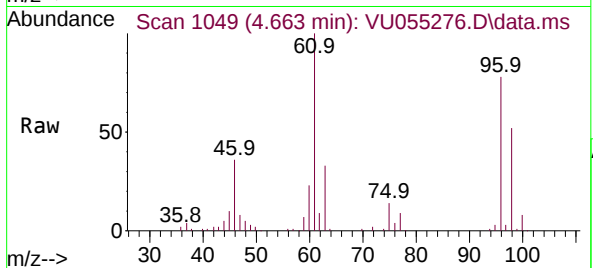
Tgt Ion: 43 Resp: 110002
Ion Ratio Lower Upper
43 100
72 30.6 13.5 40.5



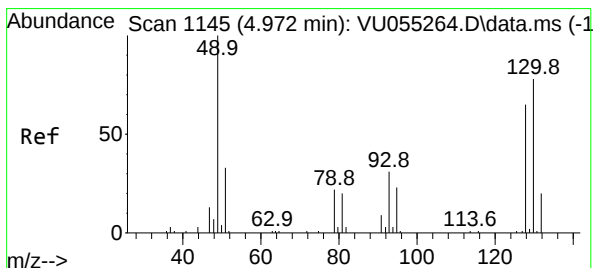
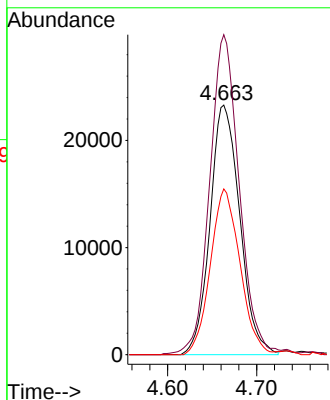
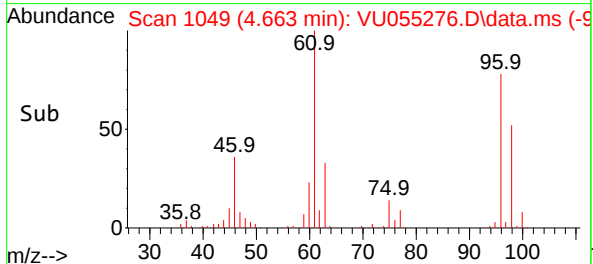


#22
 cis-1,2-Dichloroethene
 Concen: 5.501 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055276.D
 Acq: 13 Sep 2023 09:59

Instrument :
 MSVOA_U
 ClientSampleId :

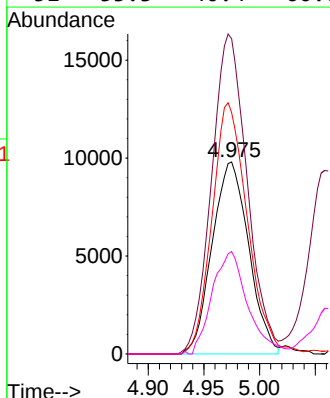
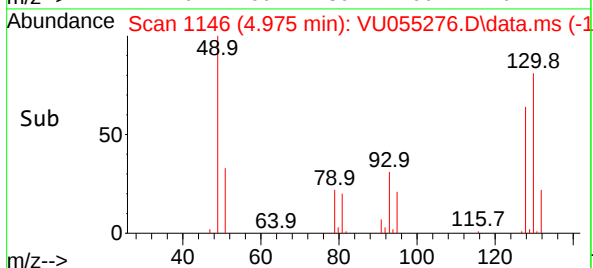
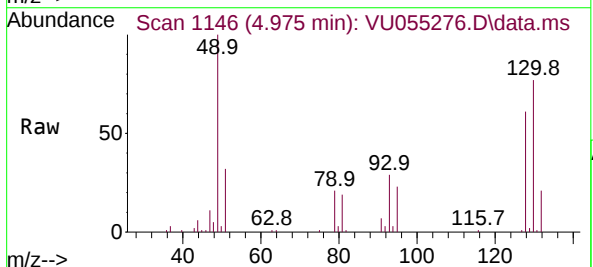


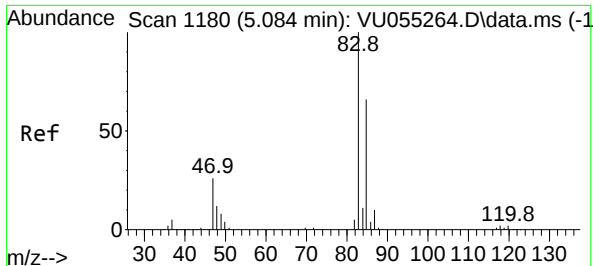
Tgt Ion:	96	Resp:	54090
Ion	Ratio	Lower	Upper
96	100		
61	128.2	97.2	180.4
98	66.4	46.1	85.7



#23
 Bromochloromethane
 Concen: 5.530 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.003 min
 Lab File: VU055276.D
 Acq: 13 Sep 2023 09:59

Tgt Ion:	128	Resp:	22365
Ion	Ratio	Lower	Upper
128	100		
49	168.4	118.9	220.9
130	125.7	88.0	163.4
51	53.3	40.4	60.6

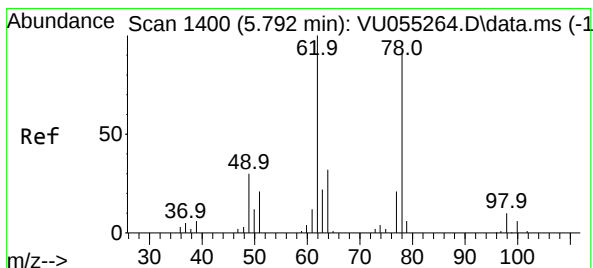
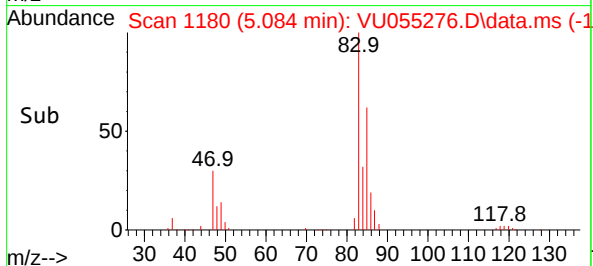
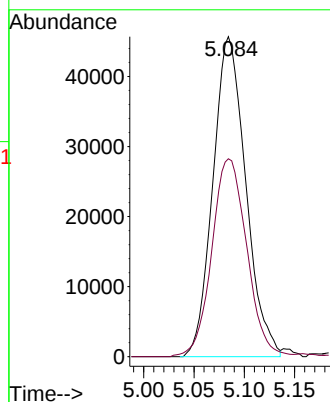
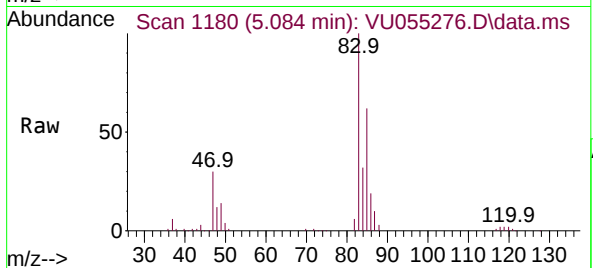




#25
Chloroform
Concen: 5.737 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU055276.D
Acq: 13 Sep 2023 09:59

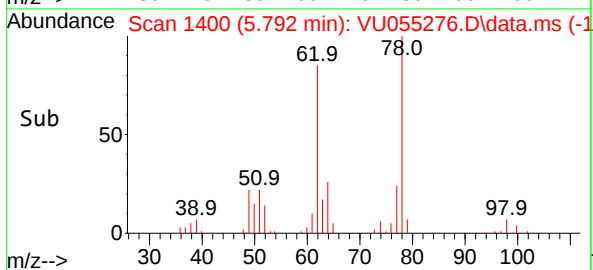
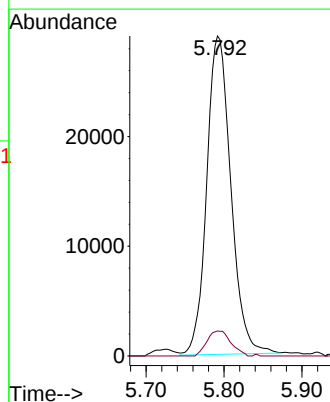
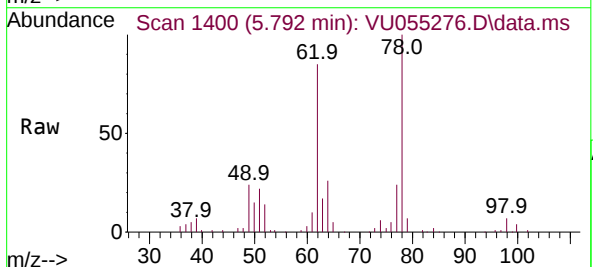
Instrument :
MSVOA_U
ClientSampleId :

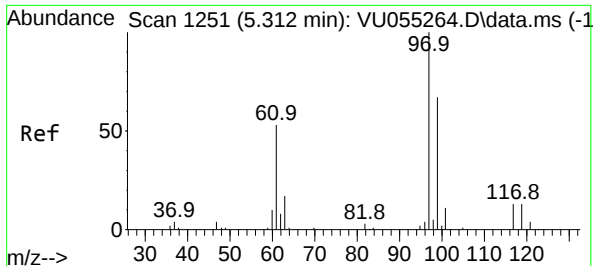
Tgt Ion: 83 Resp: 103734
Ion Ratio Lower Upper
83 100
85 61.8 47.2 87.6



#27
1,2-Dichloroethane
Concen: 5.663 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU055276.D
Acq: 13 Sep 2023 09:59

Tgt Ion: 62 Resp: 62500
Ion Ratio Lower Upper
62 100
98 7.8 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.406 ug/L

RT: 5.312 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055276.D

Acq: 13 Sep 2023 09:59

Instrument :

MSVOA_U

ClientSampleId :

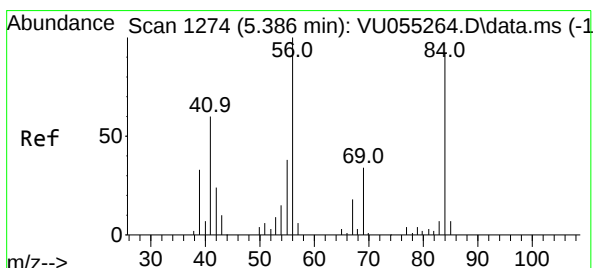
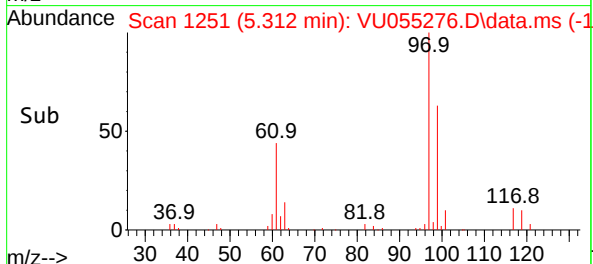
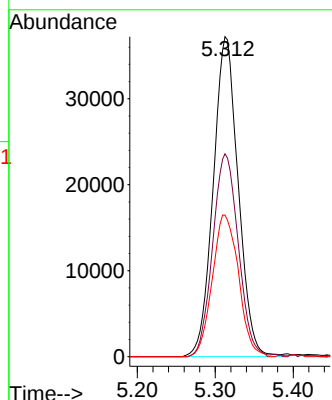
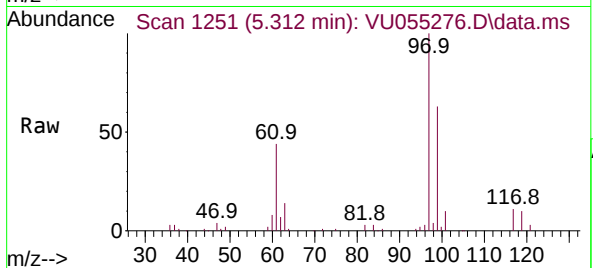
Tgt Ion: 97 Resp: 82734

Ion Ratio Lower Upper

97 100

99 65.0 51.8 77.8

61 46.5 36.8 55.2



#30

Cyclohexane

Concen: 4.386 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.003 min

Lab File: VU055276.D

Acq: 13 Sep 2023 09:59

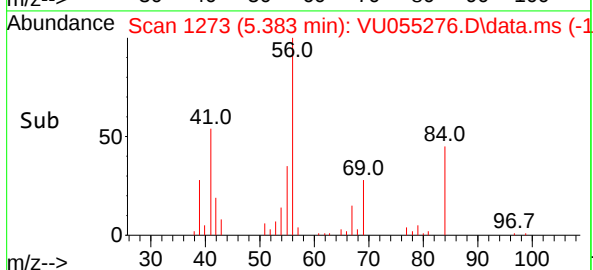
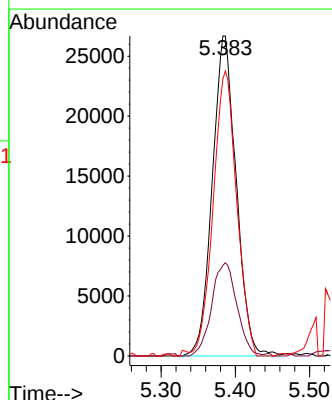
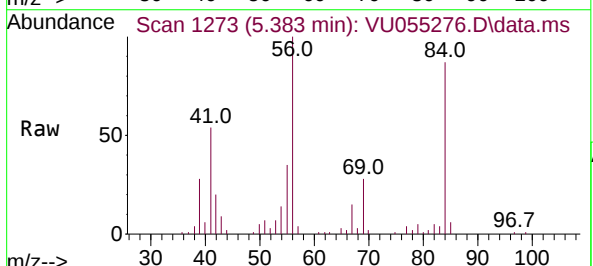
Tgt Ion: 56 Resp: 59698

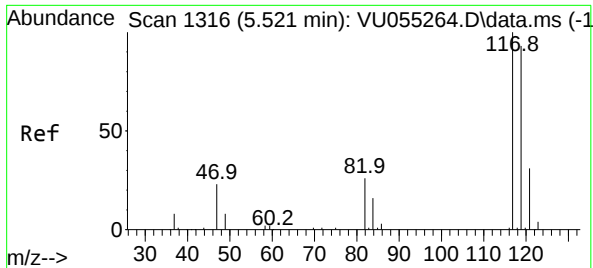
Ion Ratio Lower Upper

56 100

69 30.7 24.6 37.0

84 87.4 68.8 103.2

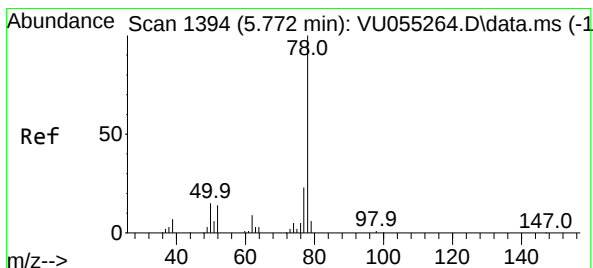
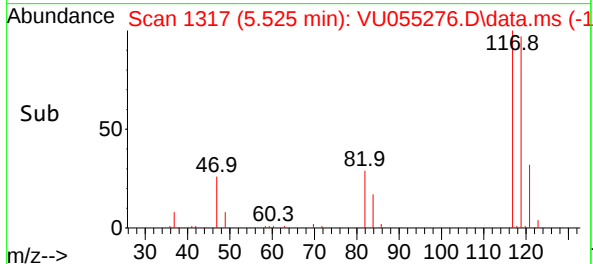
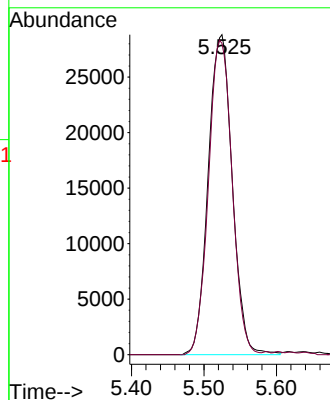
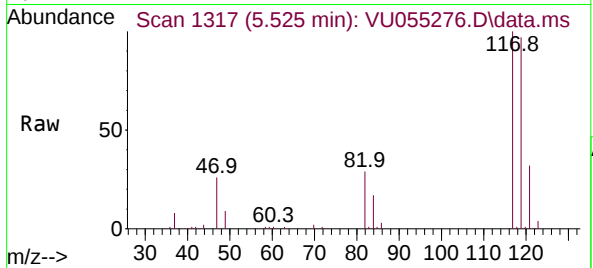




#31
Carbon tetrachloride
Concen: 5.224 ug/L
RT: 5.525 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VU055276.D
Acq: 13 Sep 2023 09:59

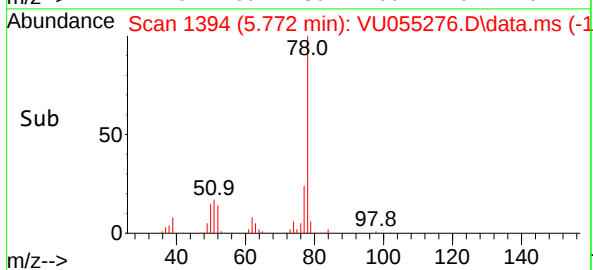
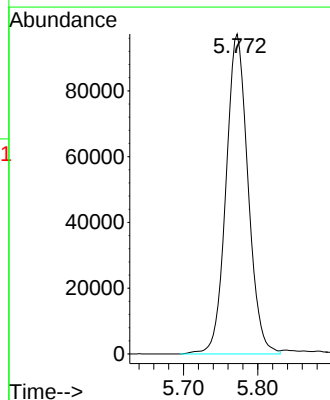
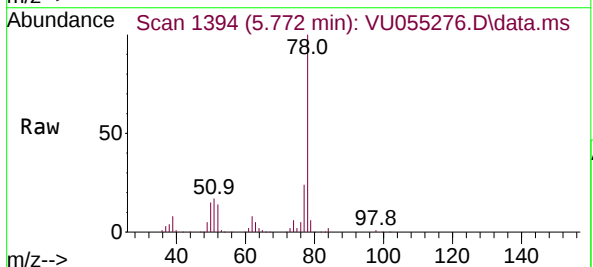
Instrument :
MSVOA_U
ClientSampleId :

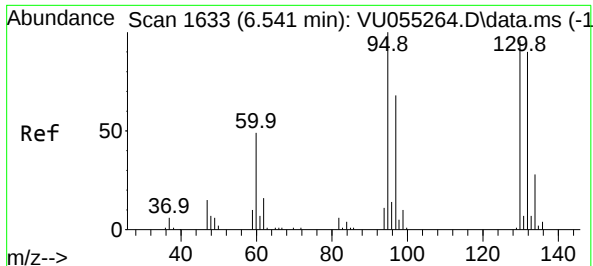
Tgt Ion:117 Resp: 66490
Ion Ratio Lower Upper
117 100
119 96.4 75.4 113.0



#33
Benzene
Concen: 5.324 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VU055276.D
Acq: 13 Sep 2023 09:59

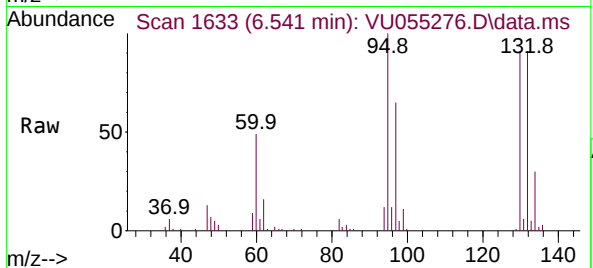
Tgt Ion: 78 Resp: 200475





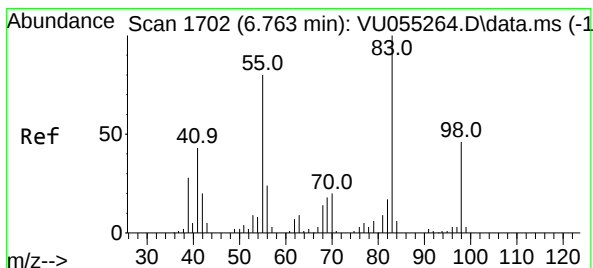
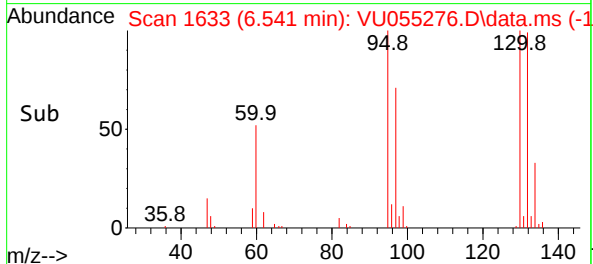
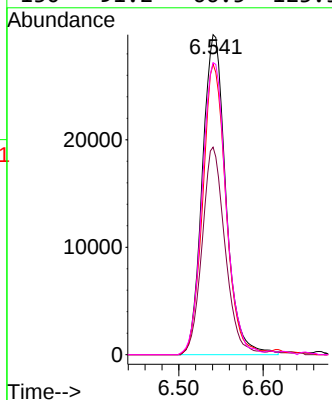
#34
Trichloroethene
Concen: 5.515 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055276.D
Acq: 13 Sep 2023 09:59

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 57719

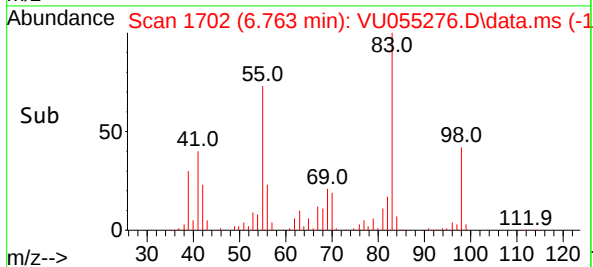
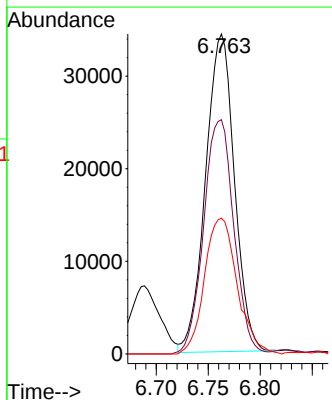
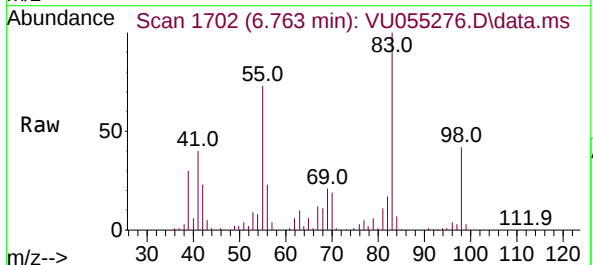
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.7	83.1
132	90.8	66.6	123.6
130	91.2	66.5	123.5

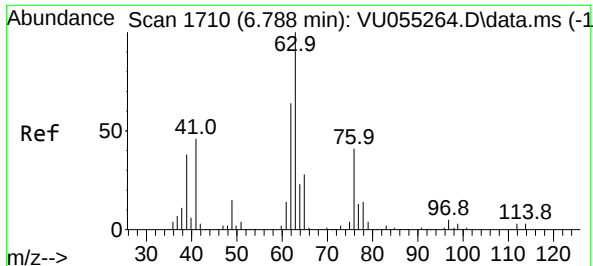


#35
Methylcyclohexane
Concen: 4.513 ug/L
RT: 6.763 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VU055276.D
Acq: 13 Sep 2023 09:59

Tgt Ion: 83 Resp: 66274

Ion	Ratio	Lower	Upper
83	100		
55	77.2	60.4	90.6
98	48.3	35.3	52.9





#37

1,2-Dichloropropane

Concen: 5.483 ug/L

RT: 6.788 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055276.D

Acq: 13 Sep 2023 09:59

Instrument :

MSVOA_U

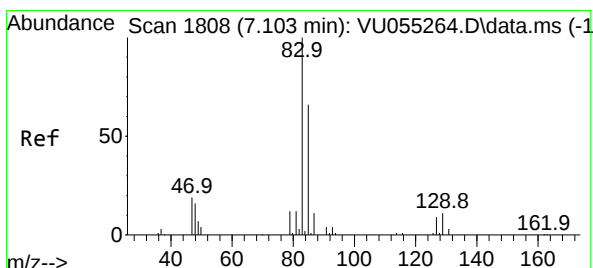
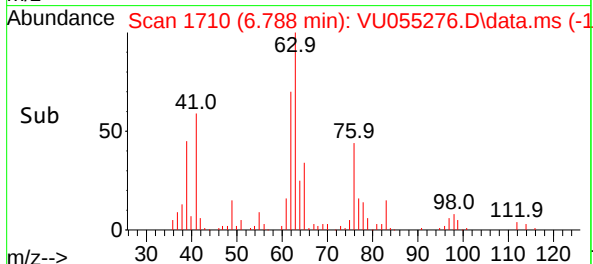
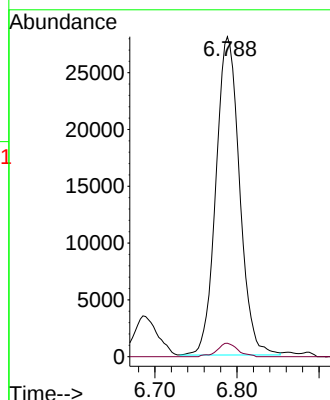
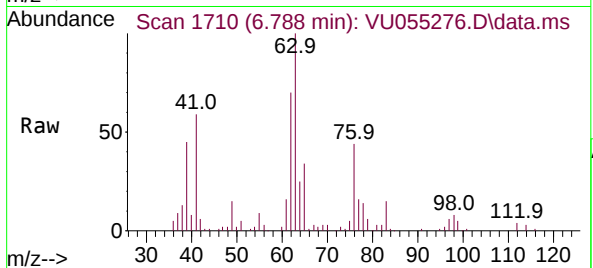
ClientSampleId :

Tgt Ion: 63 Resp: 56219

Ion Ratio Lower Upper

63 100

112 3.7 3.2 4.8



#38

Bromodichloromethane

Concen: 5.629 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU055276.D

Acq: 13 Sep 2023 09:59

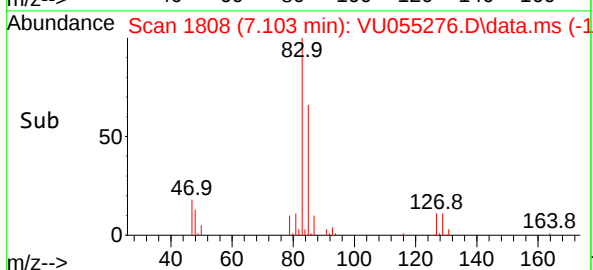
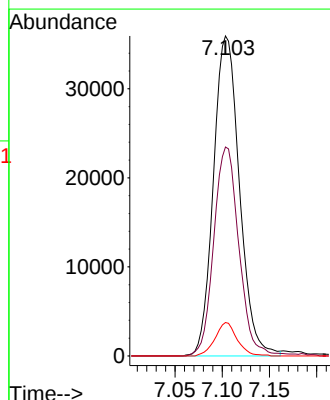
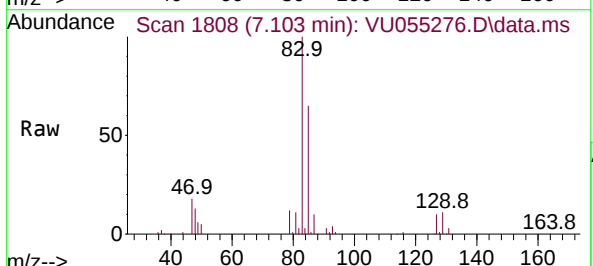
Tgt Ion: 83 Resp: 68907

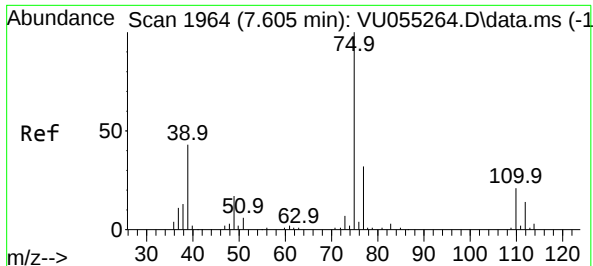
Ion Ratio Lower Upper

83 100

85 65.3 44.9 83.5

127 10.5 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 5.176 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU055276.D

Acq: 13 Sep 2023 09:59

Instrument :

MSVOA_U

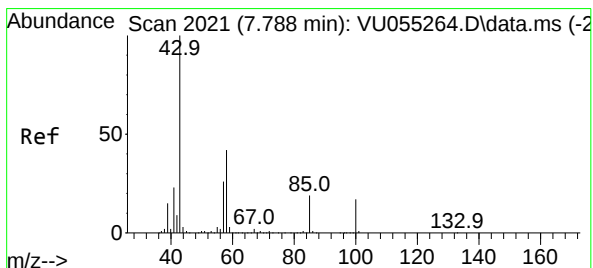
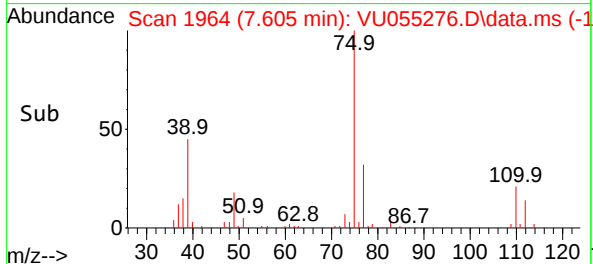
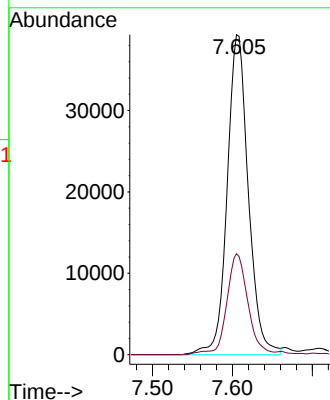
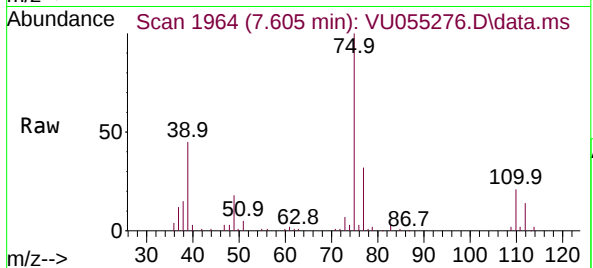
ClientSampleId :

Tgt Ion: 75 Resp: 72171

Ion Ratio Lower Upper

75 100

77 31.6 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 47.269 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU055276.D

Acq: 13 Sep 2023 09:59

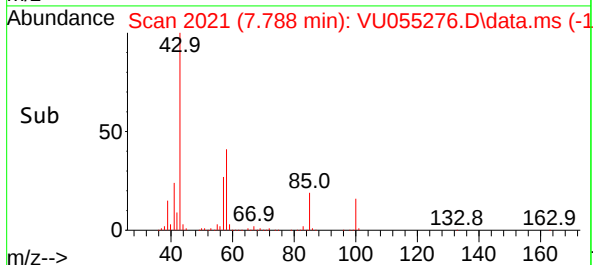
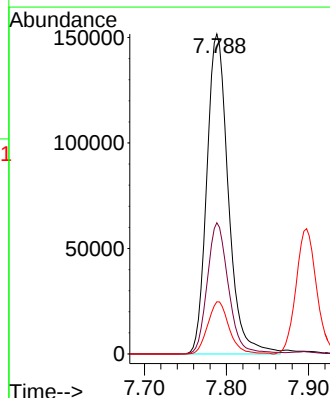
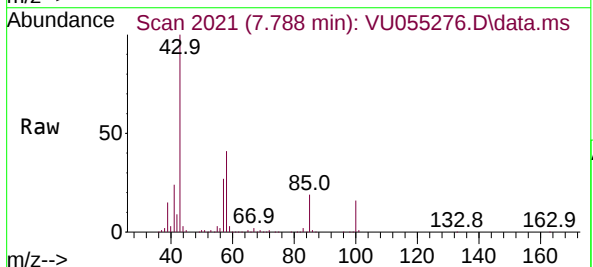
Tgt Ion: 43 Resp: 276442

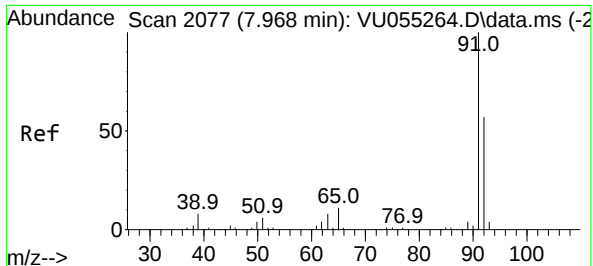
Ion Ratio Lower Upper

43 100

58 40.6 31.5 47.3

100 16.3 11.8 17.8





#42

Toluene

Concen: 5.488 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VU055276.D

Acq: 13 Sep 2023 09:59

Instrument :

MSVOA_U

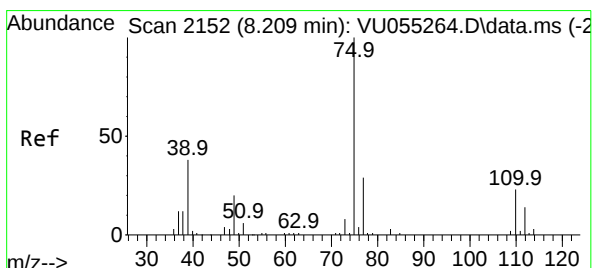
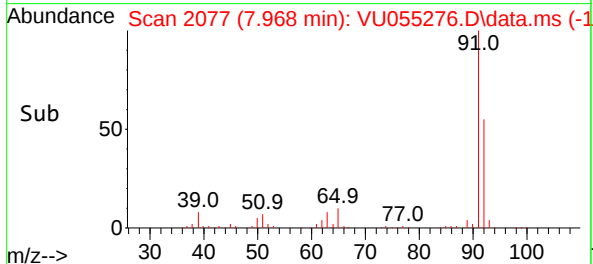
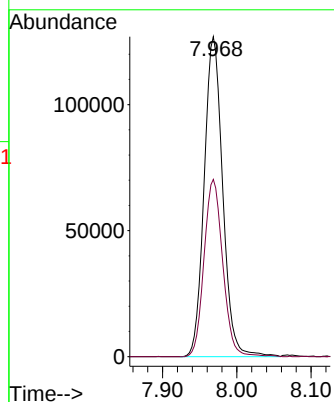
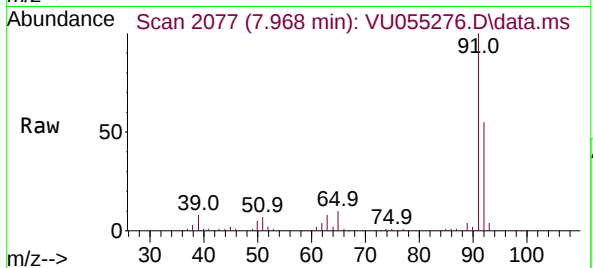
ClientSampleId :

Tgt Ion: 91 Resp: 220318

Ion Ratio Lower Upper

91 100

92 55.4 41.9 77.9



#44

trans-1,3-Dichloropropene

Concen: 5.342 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU055276.D

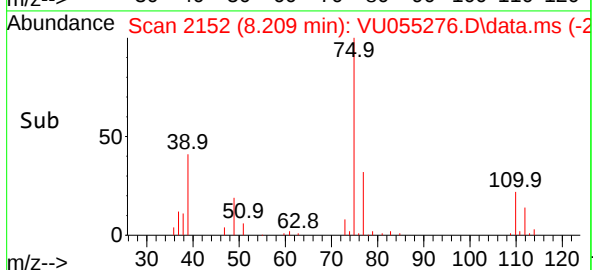
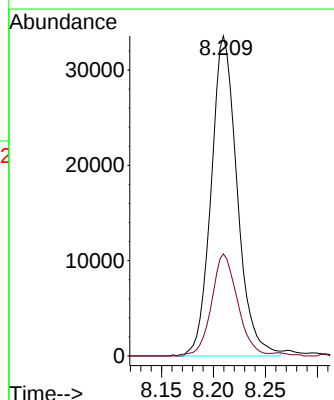
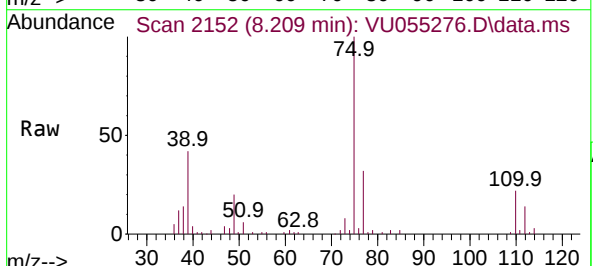
Acq: 13 Sep 2023 09:59

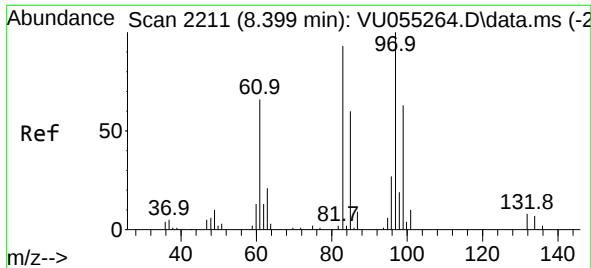
Tgt Ion: 75 Resp: 58470

Ion Ratio Lower Upper

75 100

77 31.9 20.5 38.1

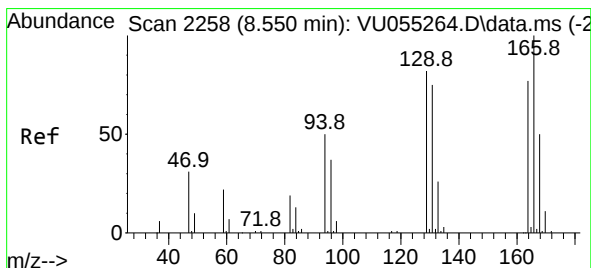
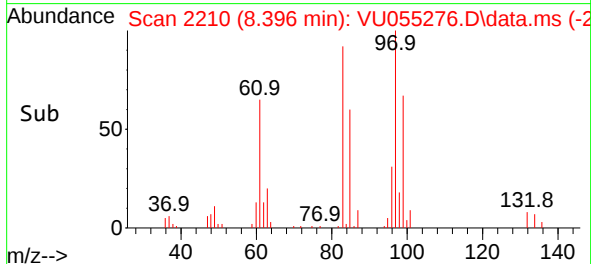
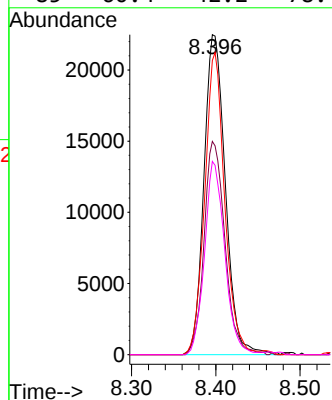
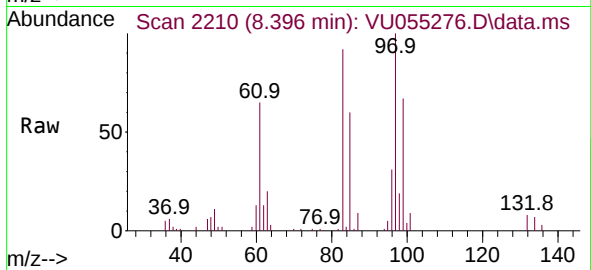




#45
1,1,2-Trichloroethane
Concen: 5.759 ug/L
RT: 8.396 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU055276.D
Acq: 13 Sep 2023 09:59

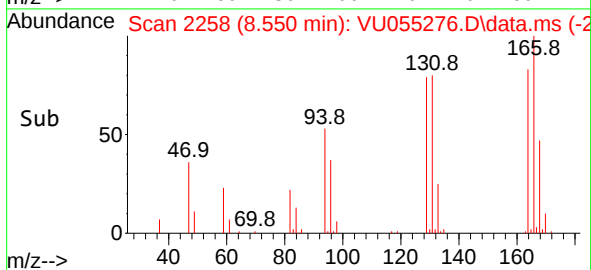
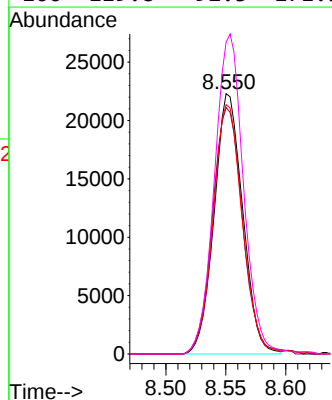
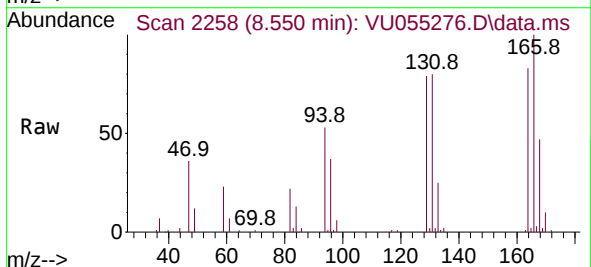
Instrument :
MSVOA_U
ClientSampleId :

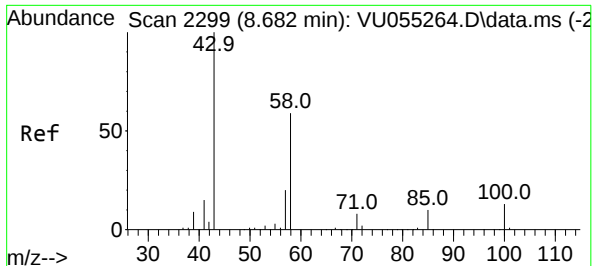
Tgt Ion:	97	Resp:	39772
Ion	Ratio	Lower	Upper
97	100		
99	66.7	44.9	83.5
83	92.0	66.9	124.3
85	60.4	42.2	78.4



#47
Tetrachloroethene
Concen: 5.091 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055276.D
Acq: 13 Sep 2023 09:59

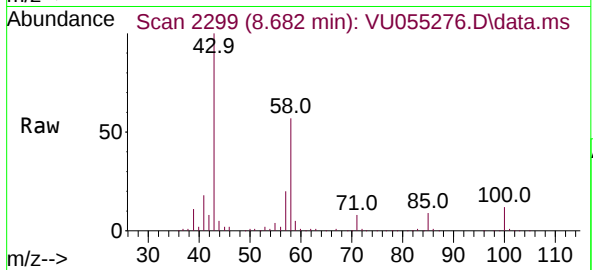
Tgt Ion:	164	Resp:	36822
Ion	Ratio	Lower	Upper
164	100		
129	94.7	69.2	128.6
131	95.8	68.8	127.8
166	119.8	92.3	171.5



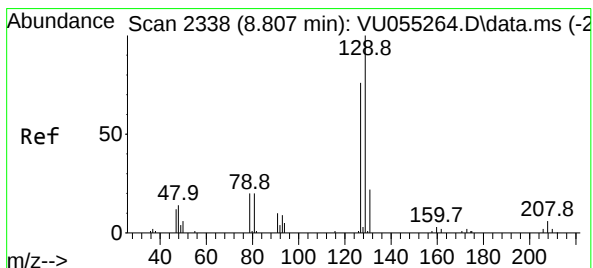
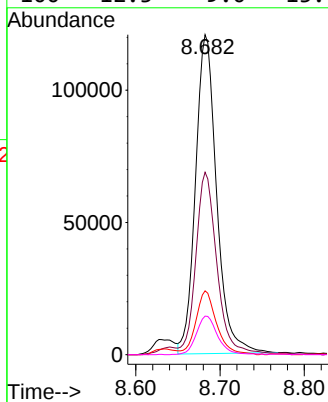
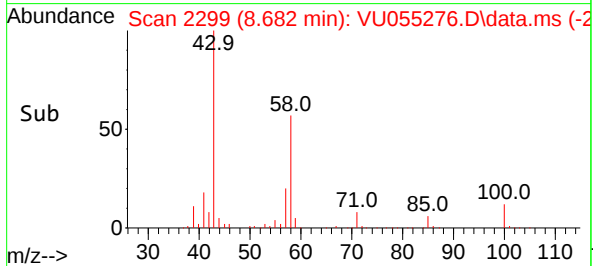


#48
2-Hexanone
Concen: 45.978 ug/L
RT: 8.682 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VU055276.D
Acq: 13 Sep 2023 09:59

Instrument :
MSVOA_U
ClientSampleId :

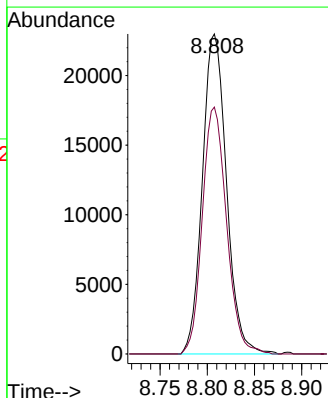
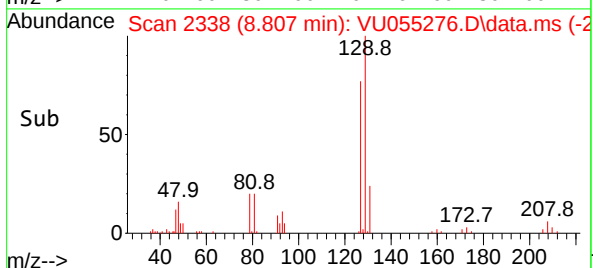
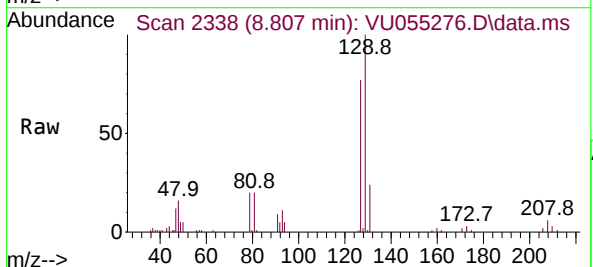


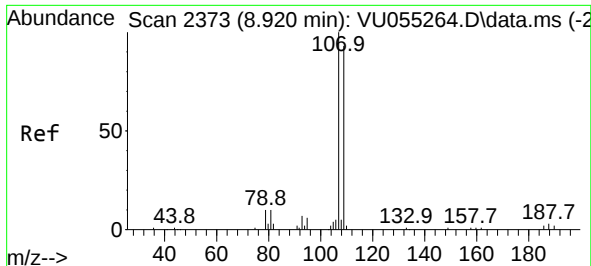
Tgt Ion: 43 Resp: 210618
Ion Ratio Lower Upper
43 100
58 57.0 44.0 66.0
57 19.6 16.2 24.2
100 12.3 9.0 13.4



#49
Dibromochloromethane
Concen: 5.416 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055276.D
Acq: 13 Sep 2023 09:59

Tgt Ion: 129 Resp: 40828
Ion Ratio Lower Upper
129 100
127 77.2 55.9 103.7





#50

1,2-Dibromoethane

Concen: 5.743 ug/L

RT: 8.923 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU055276.D

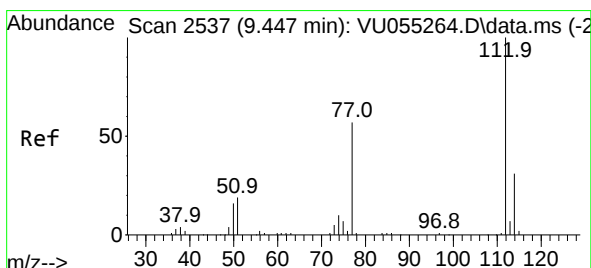
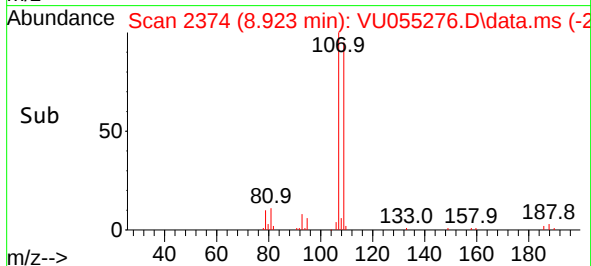
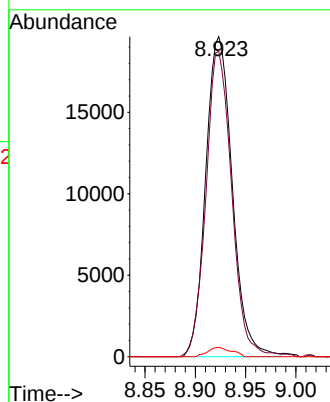
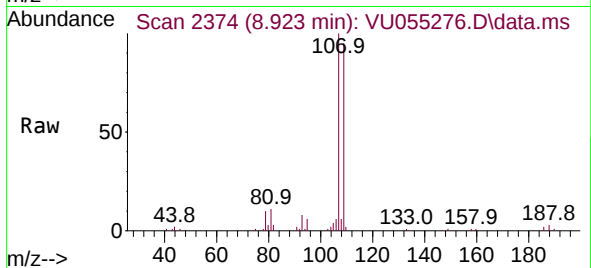
Acq: 13 Sep 2023 09:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	36114
Ion Ratio	Lower	Upper	
107	100		
109	97.4	71.4	132.6
188	2.9	3.1	4.7#



#51

Chlorobenzene

Concen: 5.365 ug/L

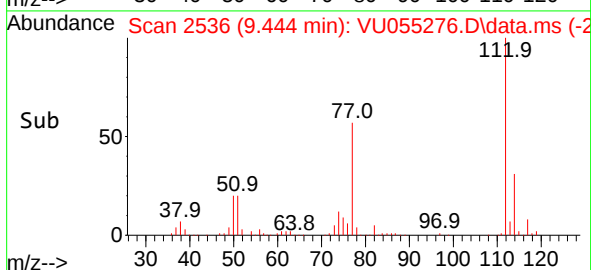
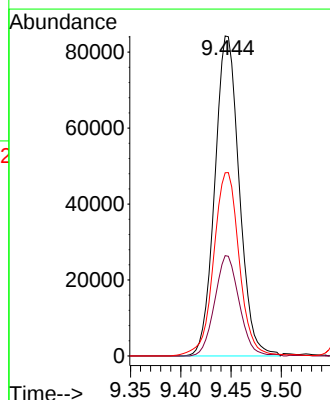
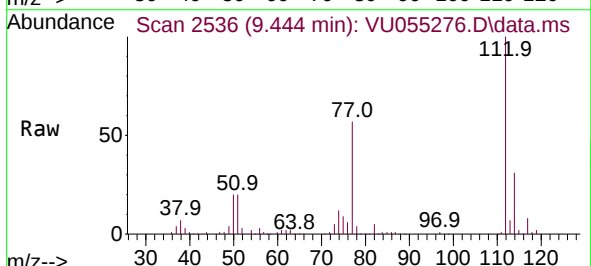
RT: 9.444 min Scan# 2536

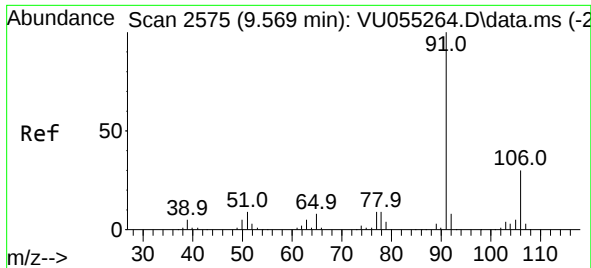
Delta R.T. -0.003 min

Lab File: VU055276.D

Acq: 13 Sep 2023 09:59

Tgt Ion:	112	Resp:	142658
Ion Ratio	Lower	Upper	
112	100		
114	31.3	21.7	40.3
77	57.2	48.6	72.8

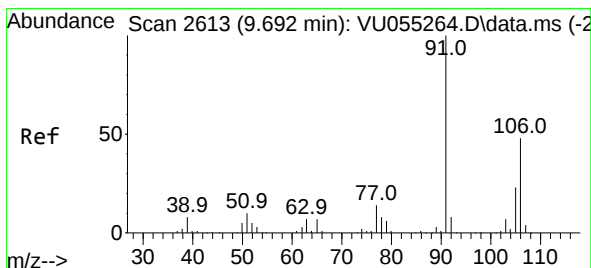
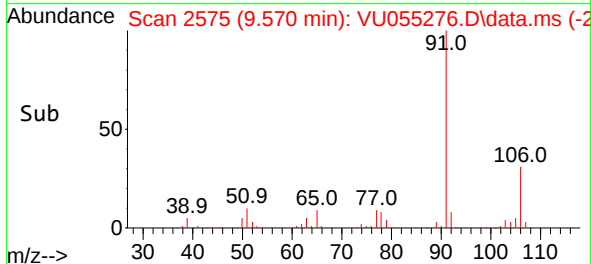
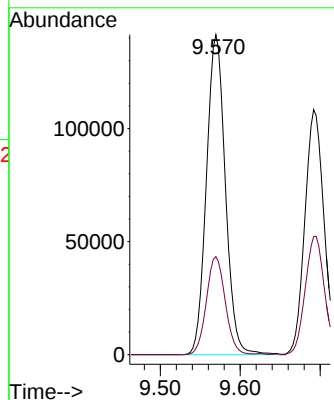
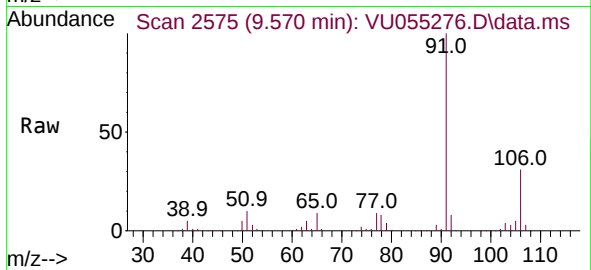




#52
Ethylbenzene
Concen: 5.195 ug/L
RT: 9.570 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055276.D
Acq: 13 Sep 2023 09:59

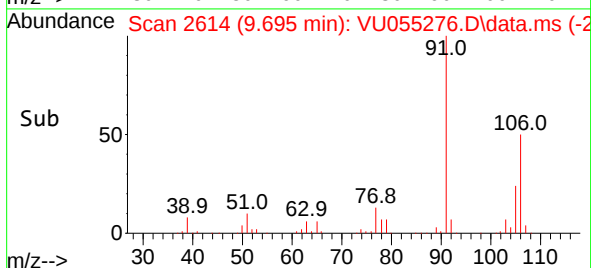
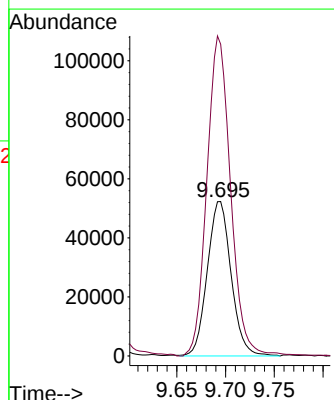
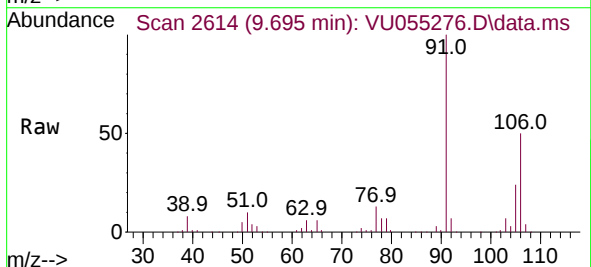
Instrument :
MSVOA_U
ClientSampleId :

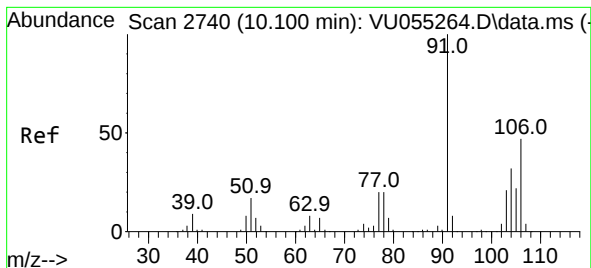
Tgt Ion: 91 Resp: 233349
Ion Ratio Lower Upper
91 100
106 30.7 21.5 39.9



#53
m,p-Xylene
Concen: 5.356 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.003 min
Lab File: VU055276.D
Acq: 13 Sep 2023 09:59

Tgt Ion:106 Resp: 89020
Ion Ratio Lower Upper
106 100
91 201.8 148.3 275.5





#54

o-Xylene

Concen: 5.342 ug/L

RT: 10.100 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055276.D

Acq: 13 Sep 2023 09:59

Instrument :

MSVOA_U

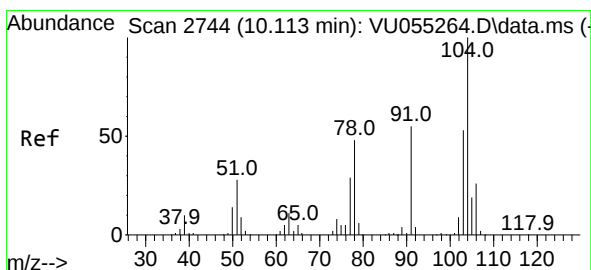
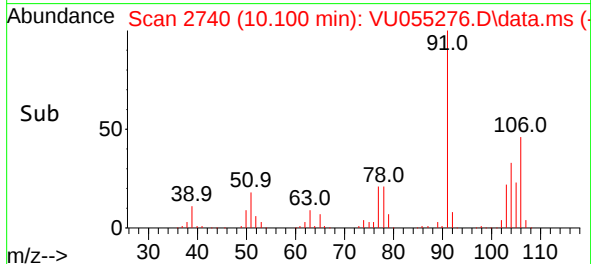
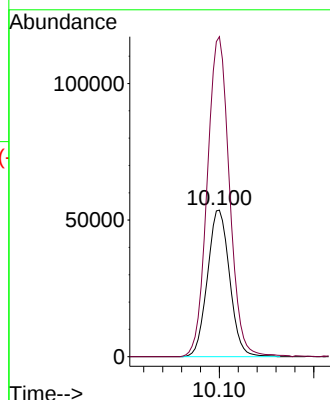
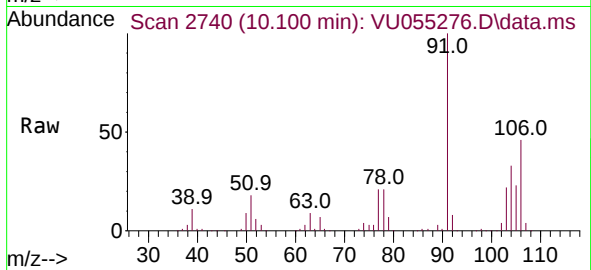
ClientSampleId :

Tgt Ion:106 Resp: 87371

Ion Ratio Lower Upper

106 100

91 218.3 152.9 284.1



#55

Styrene

Concen: 5.480 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.000 min

Lab File: VU055276.D

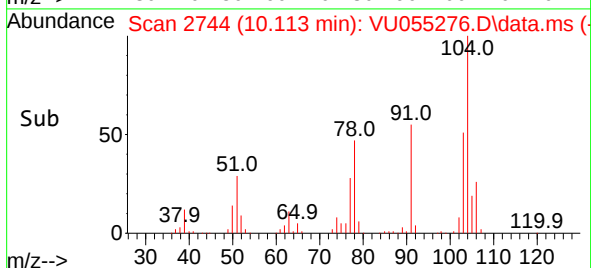
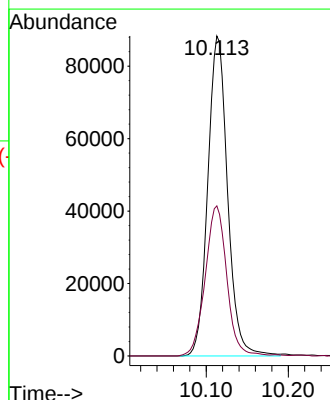
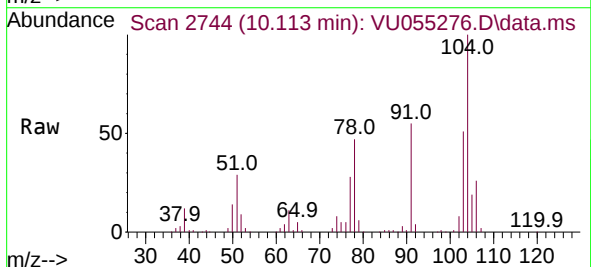
Acq: 13 Sep 2023 09:59

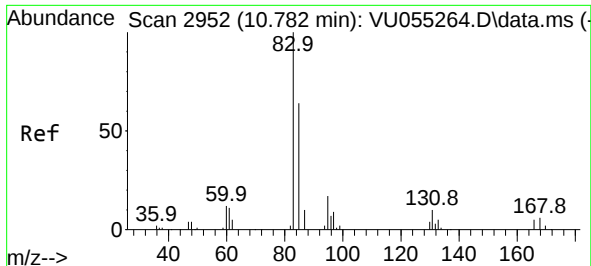
Tgt Ion:104 Resp: 148009

Ion Ratio Lower Upper

104 100

78 46.9 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 4.742 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU055276.D

Acq: 13 Sep 2023 09:59

Instrument :

MSVOA_U

ClientSampleId :

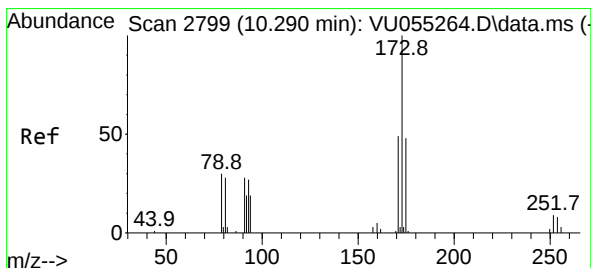
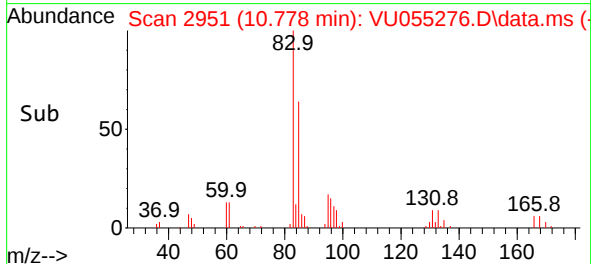
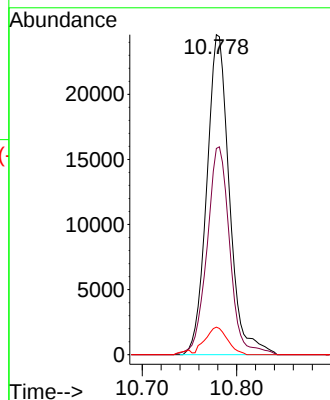
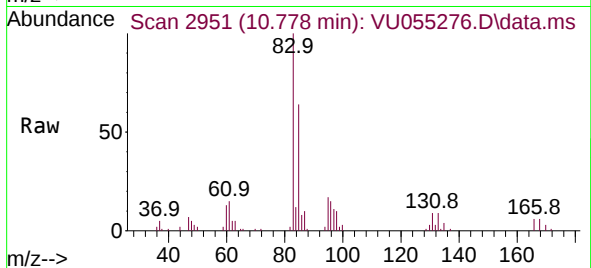
Tgt Ion: 83 Resp: 40785

Ion Ratio Lower Upper

83 100

85 64.4 42.4 78.6

131 8.6 7.6 11.4



#59

Bromoform

Concen: 5.560 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. 0.000 min

Lab File: VU055276.D

Acq: 13 Sep 2023 09:59

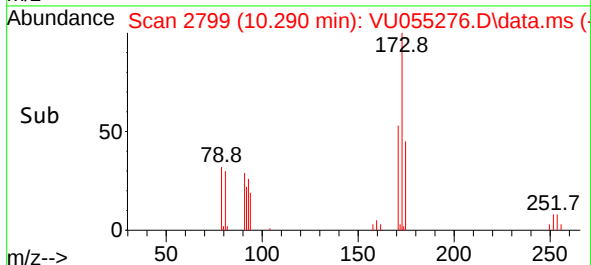
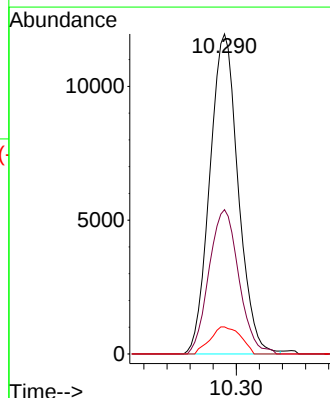
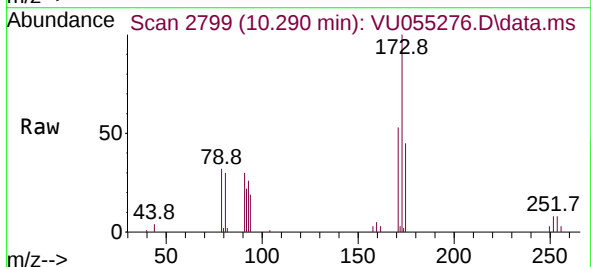
Tgt Ion:173 Resp: 20414

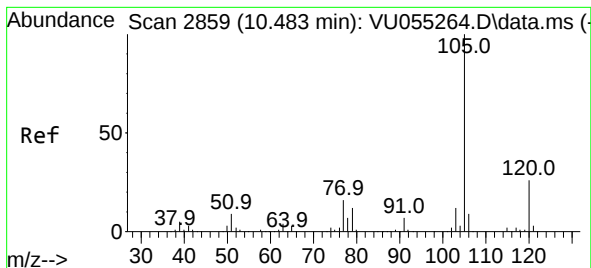
Ion Ratio Lower Upper

173 100

175 47.3 40.9 61.3

254 9.0 7.0 10.4





#60

Isopropylbenzene

Concen: 5.577 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU055276.D

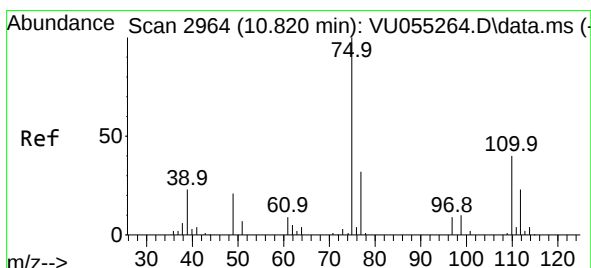
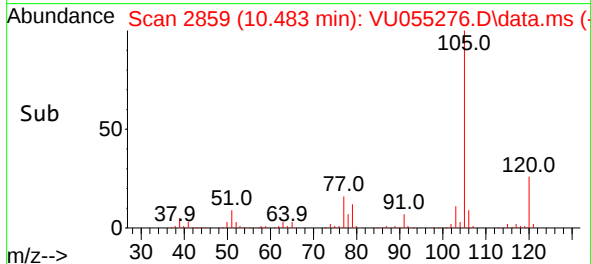
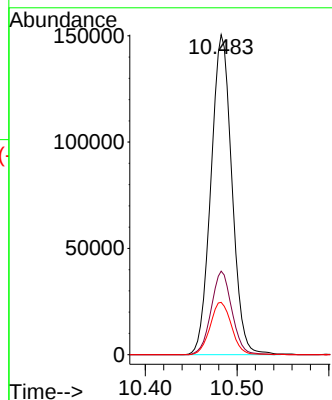
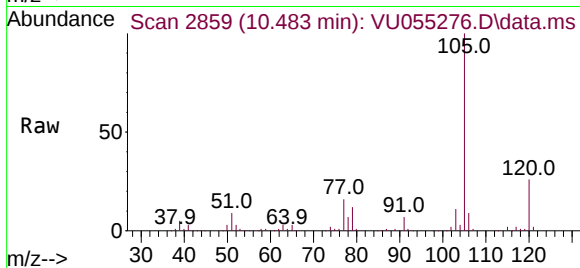
Acq: 13 Sep 2023 09:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	239013
Ion Ratio	Lower	Upper	
105	100		
120	25.8	20.1	30.1
77	16.7	13.4	20.0



#61

1,2,3-Trichloropropane

Concen: 5.712 ug/L

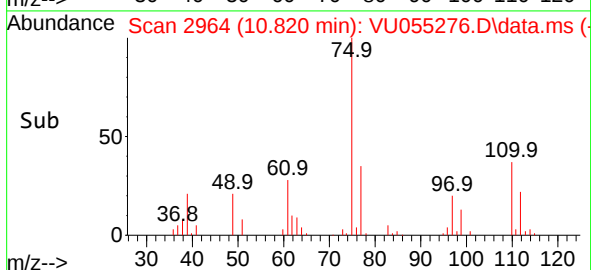
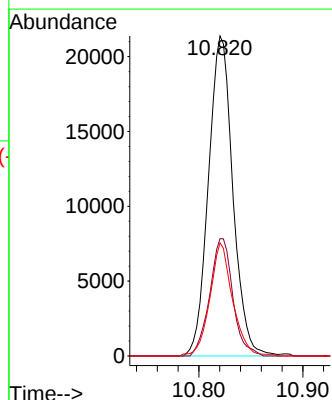
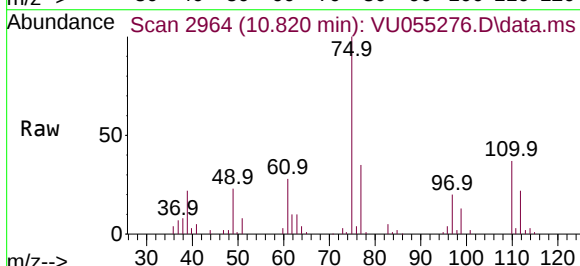
RT: 10.820 min Scan# 2964

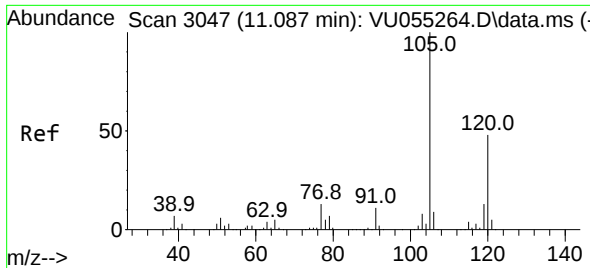
Delta R.T. 0.000 min

Lab File: VU055276.D

Acq: 13 Sep 2023 09:59

Tgt Ion:	75	Resp:	34834
Ion Ratio	Lower	Upper	
75	100		
110	34.6	28.2	42.2
77	32.7	26.2	39.4

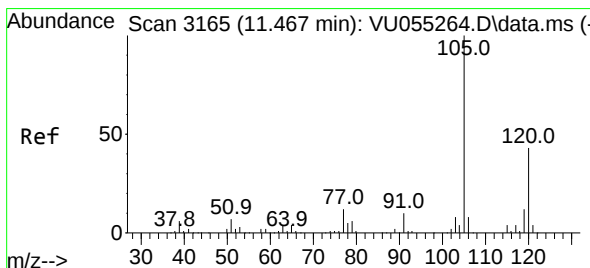
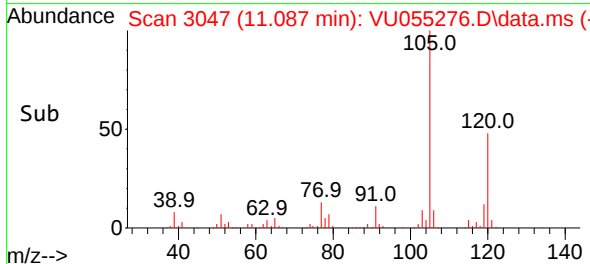
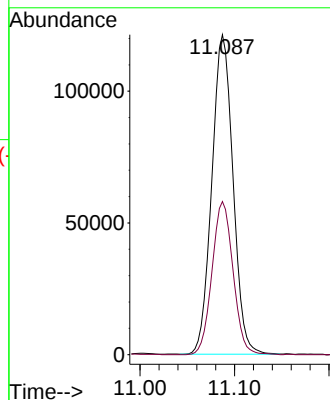
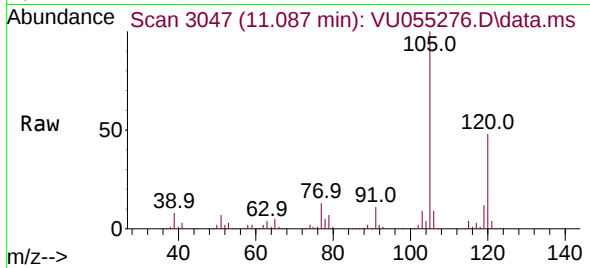




#62
 1,3,5-Trimethylbenzene
 Concen: 5.292 ug/L
 RT: 11.087 min Scan# 3047
 Delta R.T. 0.000 min
 Lab File: VU055276.D
 Acq: 13 Sep 2023 09:59

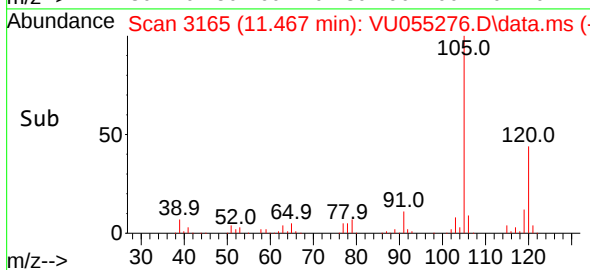
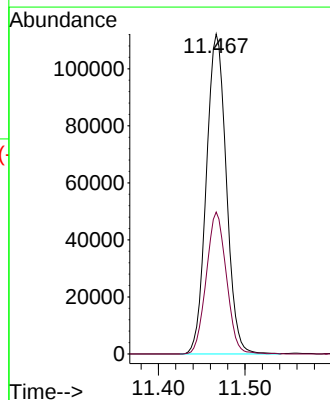
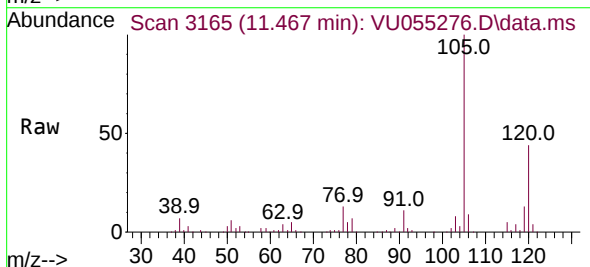
Instrument :
 MSVOA_U
 ClientSampleId :

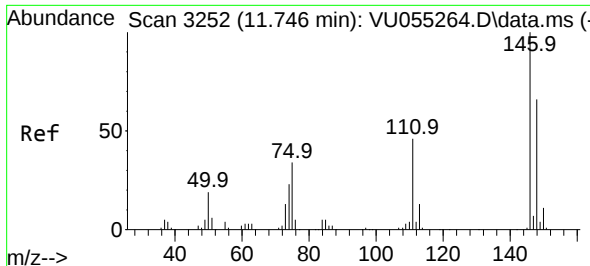
Tgt Ion:105 Resp: 188667
 Ion Ratio Lower Upper
 105 100
 120 47.6 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.110 ug/L
 RT: 11.467 min Scan# 3165
 Delta R.T. 0.000 min
 Lab File: VU055276.D
 Acq: 13 Sep 2023 09:59

Tgt Ion:105 Resp: 179544
 Ion Ratio Lower Upper
 105 100
 120 44.6 35.4 53.0

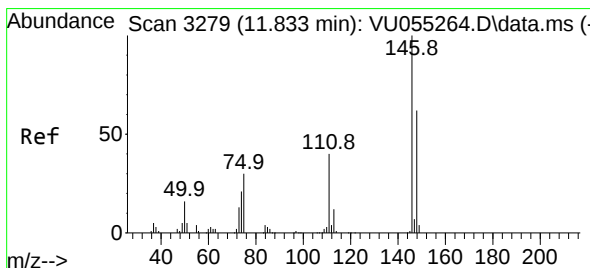
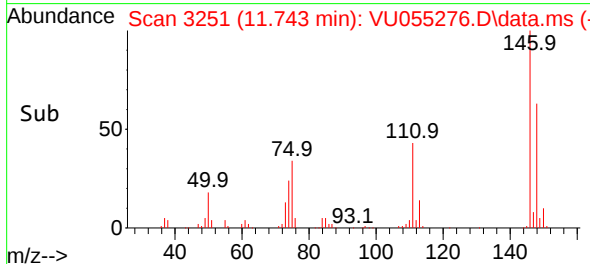
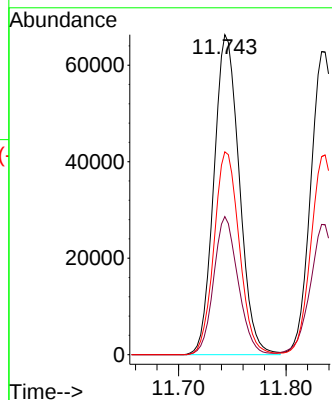
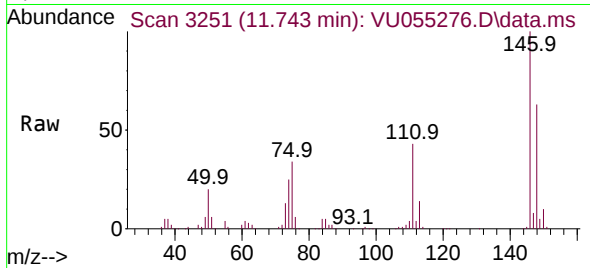




#64
1,3-Dichlorobenzene
Concen: 5.296 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU055276.D
Acq: 13 Sep 2023 09:59

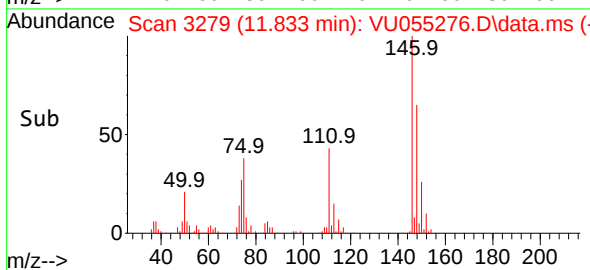
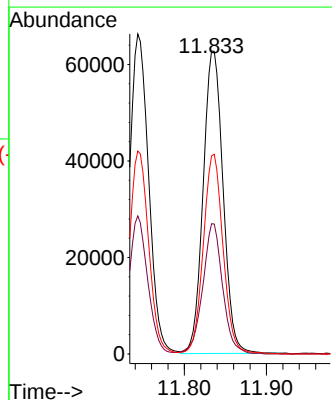
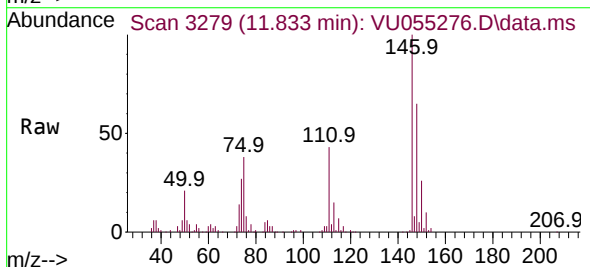
Instrument :
MSVOA_U
ClientSampleId :

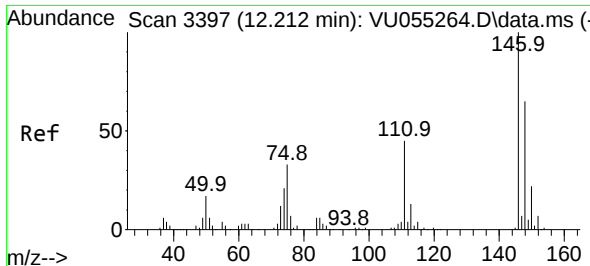
Tgt Ion:146 Resp: 108950
Ion Ratio Lower Upper
146 100
111 43.2 30.0 55.6
148 63.4 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 5.163 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055276.D
Acq: 13 Sep 2023 09:59

Tgt Ion:146 Resp: 105864
Ion Ratio Lower Upper
146 100
111 43.0 28.1 52.1
148 65.3 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 5.283 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU055276.D

Acq: 13 Sep 2023 09:59

Instrument :

MSVOA_U

ClientSampleId :

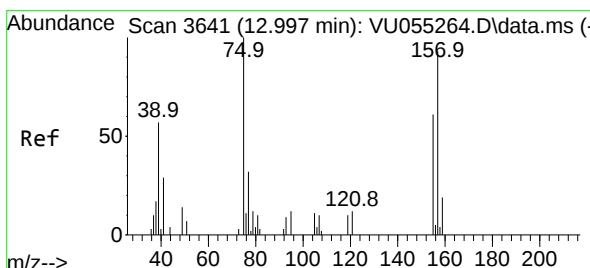
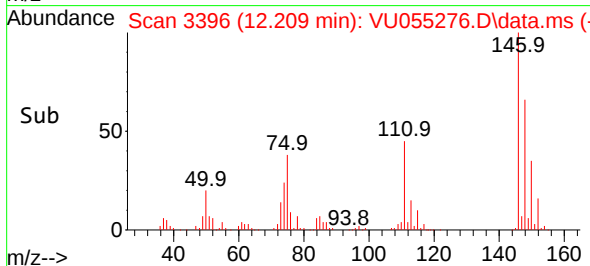
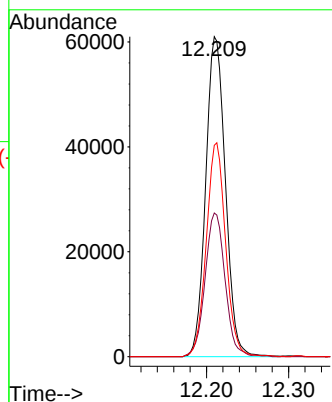
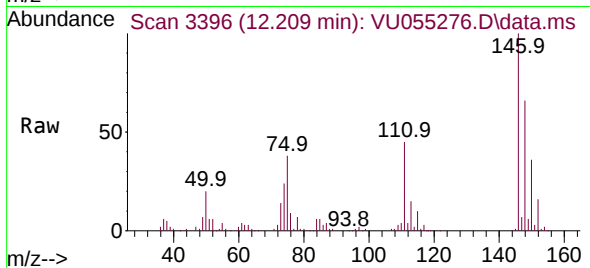
Tgt Ion:146 Resp: 101892

Ion Ratio Lower Upper

146 100

111 44.9 35.6 53.4

148 66.0 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.772 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.003 min

Lab File: VU055276.D

Acq: 13 Sep 2023 09:59

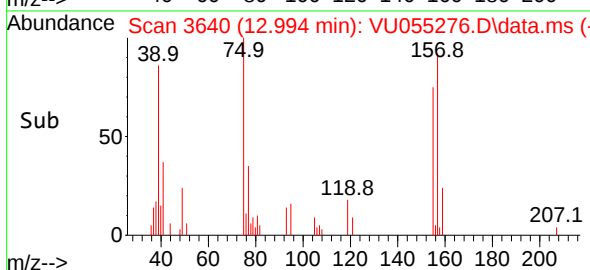
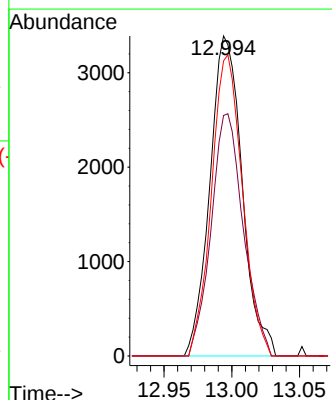
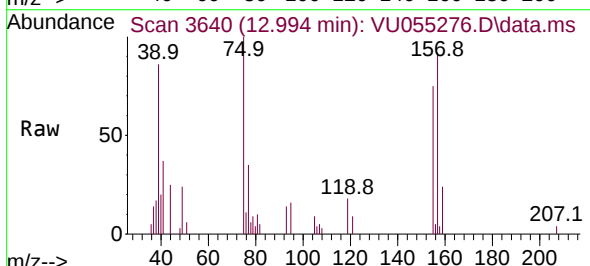
Tgt Ion: 75 Resp: 5606

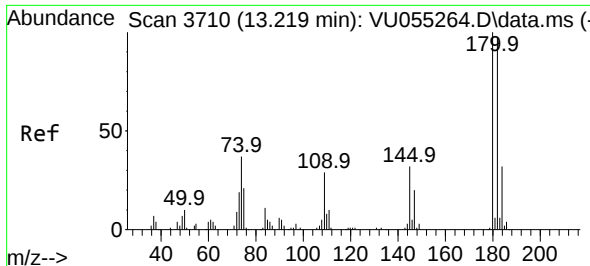
Ion Ratio Lower Upper

75 100

155 75.1 61.1 91.7

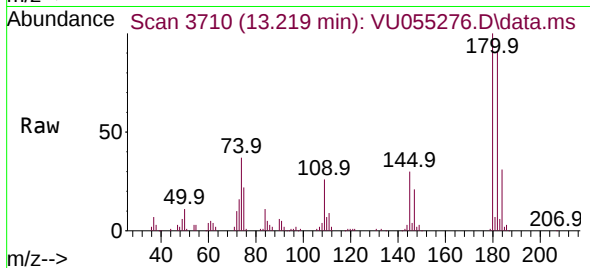
157 92.2 66.8 100.2





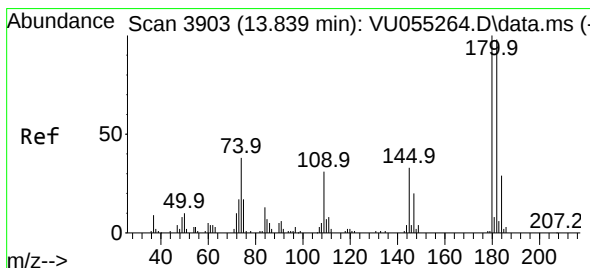
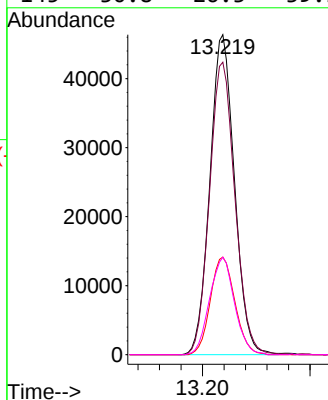
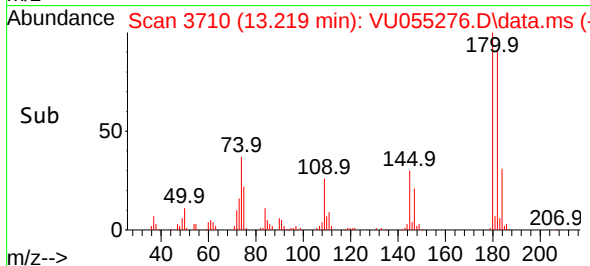
#69
 1,3,5-Trichlorobenzene
 Concen: 4.737 ug/L
 RT: 13.219 min Scan# 3710
 Delta R.T. 0.000 min
 Lab File: VU055276.D
 Acq: 13 Sep 2023 09:59

Instrument :
 MSVOA_U
 ClientSampleId :

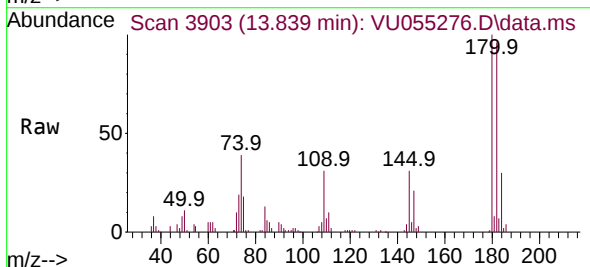


Tgt Ion:180 Resp: 73648

Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.8	113.6
184	30.4	24.0	36.0
145	30.8	26.3	39.5

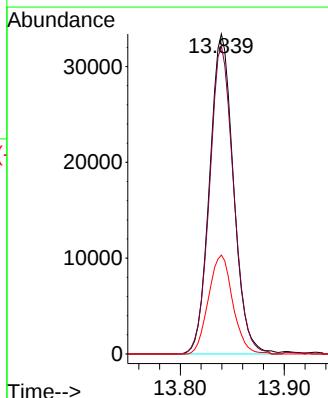
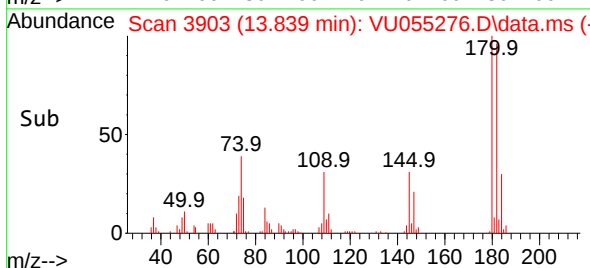


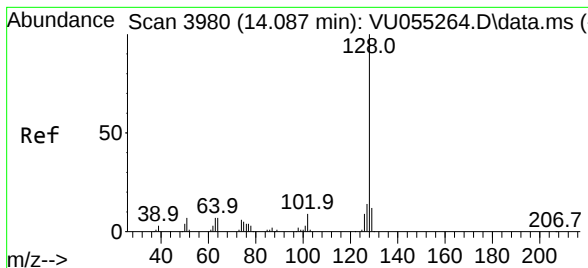
#70
 1,2,4-trichlorobenzene
 Concen: 3.657 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. 0.000 min
 Lab File: VU055276.D
 Acq: 13 Sep 2023 09:59



Tgt Ion:180 Resp: 53313

Ion	Ratio	Lower	Upper
180	100		
182	96.7	73.6	110.4
145	31.4	25.8	38.8





#71

Naphthalene

Concen: 2.989 ug/L

RT: 14.087 min Scan# 3980

Delta R.T. 0.000 min

Lab File: VU055276.D

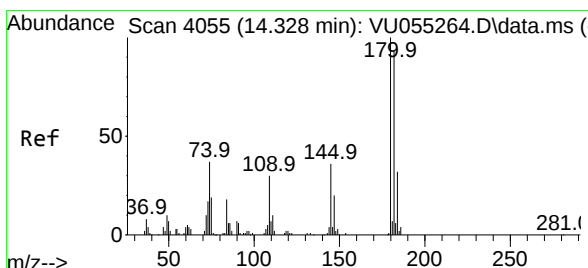
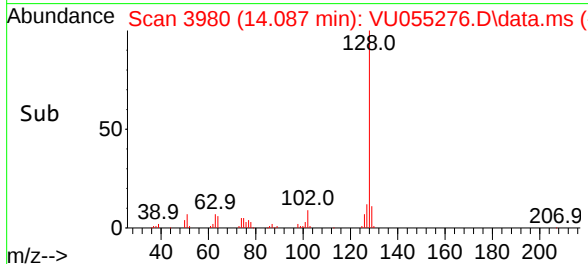
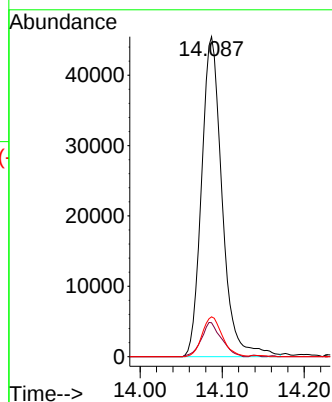
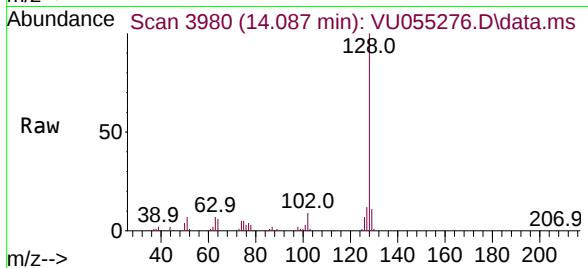
Acq: 13 Sep 2023 09:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	79200
Ion Ratio	Lower	Upper
128	100	
129	10.4	8.2 12.2
127	12.2	10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 3.733 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.000 min

Lab File: VU055276.D

Acq: 13 Sep 2023 09:59

Tgt Ion:180	Resp:	47237
Ion Ratio	Lower	Upper
180	100	
182	96.4	75.6 113.4
145	35.1	27.0 40.6

