

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055277.D
 Acq On : 13 Sep 2023 11:25
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 14 04:56:39 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	182818	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	184425	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	96627	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27617	3.223	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.904	69	42998	4.335	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.563	65	16126	3.303	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.000%
20) 2-Butanone-d5	4.621	46	141821	57.037	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.080%
24) Chloroform-d	5.062	84	113045	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.698	65	56238	4.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.724	84	193701	4.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.689	67	67475	4.660	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.898	98	170635	4.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.177	79	18043	4.525	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.631	63	87772	54.220	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.440%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51265	5.034	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	63871	4.529	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	48533	4.568	ug/L	98
3) Chloromethane	1.515	50	44011	4.069	ug/L	100
5) Vinyl chloride	1.602	62	51323	4.498	ug/L	98
6) Bromomethane	1.850	94	46935	6.821	ug/L	100
8) Chloroethane	1.927	64	36143	4.865	ug/L	99
9) Trichlorofluoromethane	2.132	101	80537	4.854	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	49090	5.085	ug/L	98
12) 1,1-Dichloroethene	2.576	96	40852	4.833	ug/L	92
13) Acetone	2.628	43	81923	49.159	ug/L	97
14) Carbon disulfide	2.788	76	86046	4.157	ug/L	97
15) Methyl Acetate	2.952	43	16247	4.763	ug/L	99
16) Methylene chloride	3.039	84	59692	4.622	ug/L	90
17) Methyl tert-butyl Ether	3.357	73	113518	5.121	ug/L	99
18) trans-1,2-Dichloroethene	3.354	96	42077	4.907	ug/L	89
19) 1,1-Dichloroethane	3.866	63	96155	5.189	ug/L	98
21) 2-Butanone	4.702	43	119186	48.677	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	56556	5.388	ug/L	90
23) Bromochloromethane	4.975	128	22627	5.241	ug/L	96
25) Chloroform	5.084	83	106842	5.535	ug/L	96

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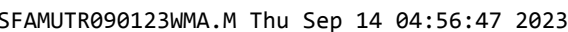
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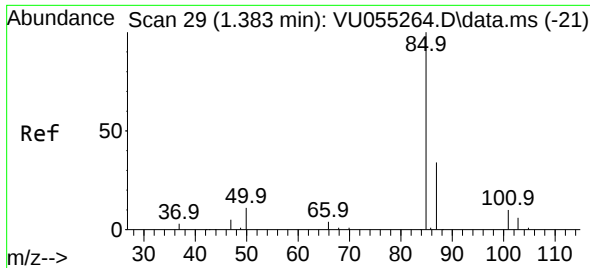
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	65628	5.571	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	82589	5.177	ug/L	99
30) Cyclohexane	5.386	56	63246	4.458	ug/L	95
31) Carbon tetrachloride	5.521	117	67305	5.074	ug/L	97
33) Benzene	5.772	78	208460	5.311	ug/L	100
34) Trichloroethene	6.541	95	59920	5.493	ug/L	95
35) Methylcyclohexane	6.763	83	72043	4.707	ug/L	98
37) 1,2-Dichloropropane	6.788	63	58038	5.431	ug/L #	94
38) Bromodichloromethane	7.103	83	72109	5.652	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	77276	5.317	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	294256	48.273	ug/L	97
42) Toluene	7.968	91	225781	5.396	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	60091	5.267	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	41902	5.822	ug/L	95
47) Tetrachloroethene	8.553	164	38184	5.065	ug/L	94
48) 2-Hexanone	8.682	43	232872	48.773	ug/L	94
49) Dibromochloromethane	8.807	129	42943	5.465	ug/L	97
50) 1,2-Dibromoethane	8.923	107	36568	5.579	ug/L #	90
51) Chlorobenzene	9.444	112	146437	5.284	ug/L	99
52) Ethylbenzene	9.569	91	247279	5.282	ug/L	100
53) m,p-Xylene	9.692	106	92490	5.339	ug/L	92
54) o-Xylene	10.100	106	90067	5.284	ug/L	98
55) Styrene	10.113	104	154279	5.480	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	43955	4.903	ug/L	98
59) Bromoform	10.290	173	20647	5.348	ug/L	97
60) Isopropylbenzene	10.483	105	250572	5.561	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	35683	5.565	ug/L	100
62) 1,3,5-Trimethylbenzene	11.087	105	202306	5.397	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	195627	5.296	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	114941	5.314	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	116405	5.400	ug/L	98
67) 1,2-Dichlorobenzene	12.212	146	107962	5.324	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	5595	4.529	ug/L	91
69) 1,3,5-Trichlorobenzene	13.219	180	81134	4.963	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	62871	4.102	ug/L	99
71) Naphthalene	14.087	128	100489	3.607	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	55014	4.135	ug/L	99

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

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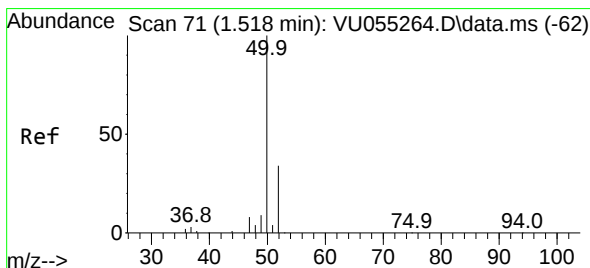
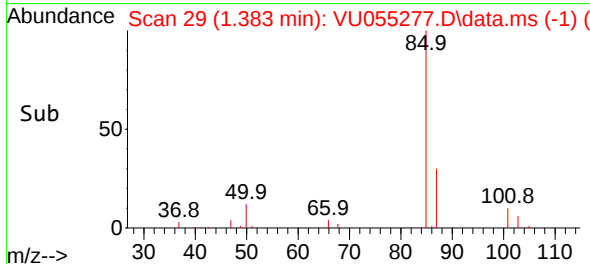
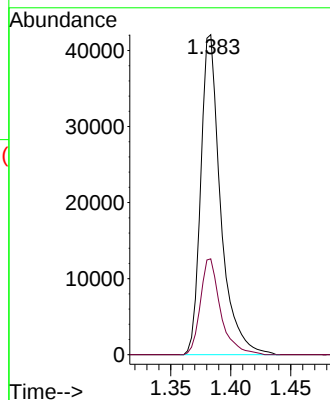
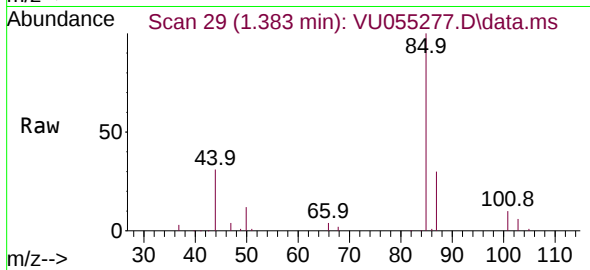




#2
 Dichlorodifluoromethane
 Concen: 4.568 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055277.D
 Acq: 13 Sep 2023 11:25

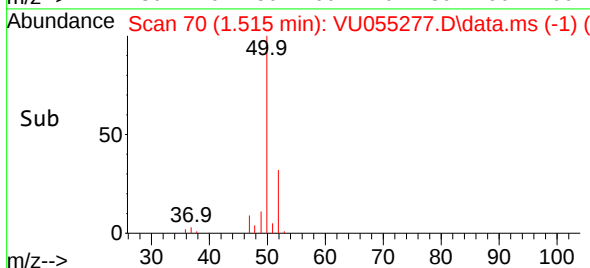
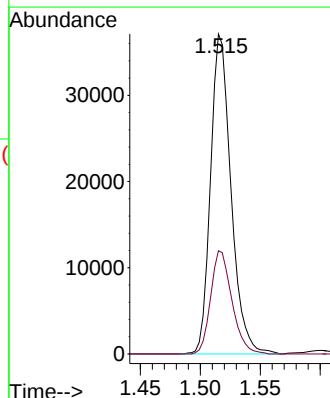
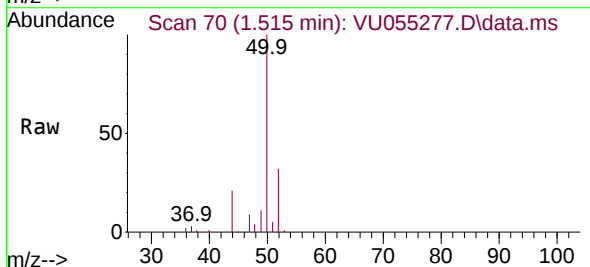
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 ClientSampleId :

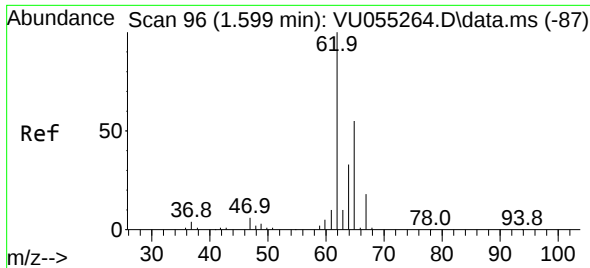
Tgt Ion: 85 Resp: 48533
 Ion Ratio Lower Upper
 85 100
 87 30.5 25.1 37.7



#3
 Chloromethane
 Concen: 4.069 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU055277.D
 Acq: 13 Sep 2023 11:25

Tgt Ion: 50 Resp: 44011
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.5 41.7

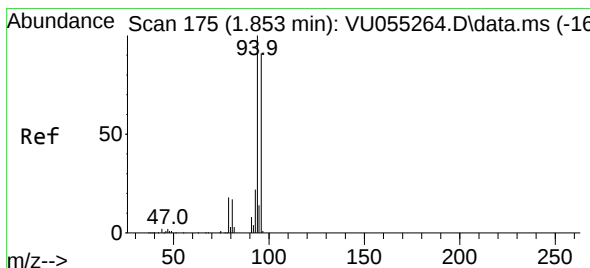
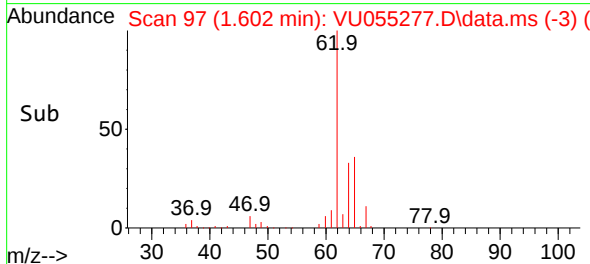
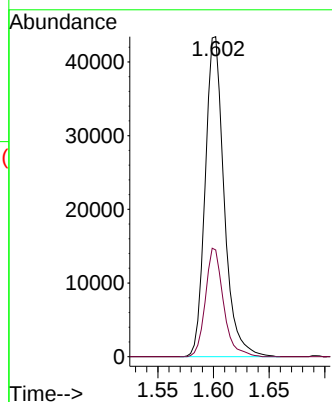
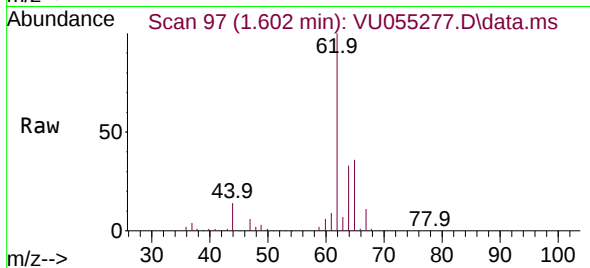




#5
 Vinyl chloride
 Concen: 4.498 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU055277.D
 Acq: 13 Sep 2023 11:25

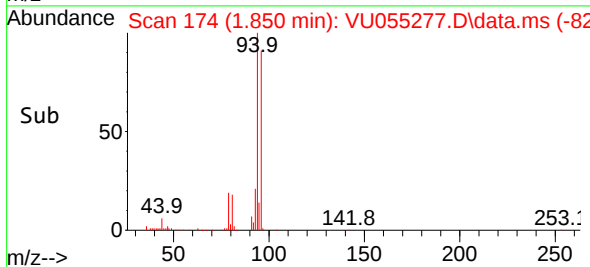
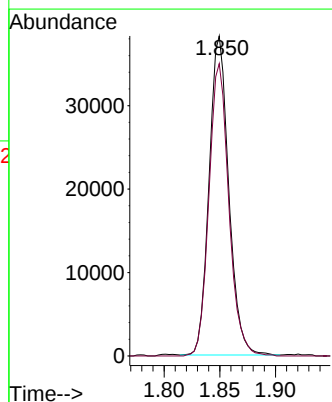
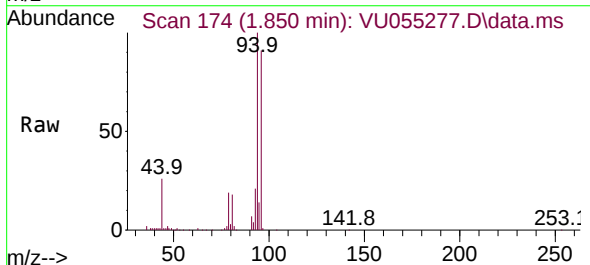
Instrument :
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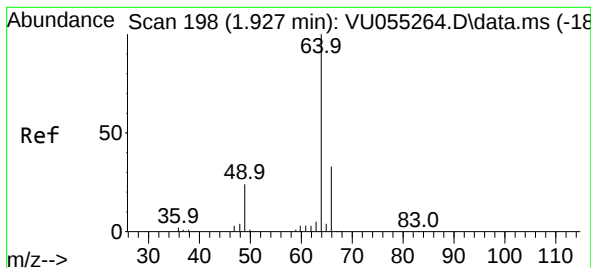
Tgt Ion: 62 Resp: 51323
 Ion Ratio Lower Upper
 62 100
 64 33.3 24.2 45.0



#6
 Bromomethane
 Concen: 6.821 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. -0.003 min
 Lab File: VU055277.D
 Acq: 13 Sep 2023 11:25

Tgt Ion: 94 Resp: 46935
 Ion Ratio Lower Upper
 94 100
 96 91.3 63.8 118.4





#8

Chloroethane

Concen: 4.865 ug/L

RT: 1.927 min Scan# 198

Delta R.T. -0.000 min

Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

Instrument :

MSVOA_U

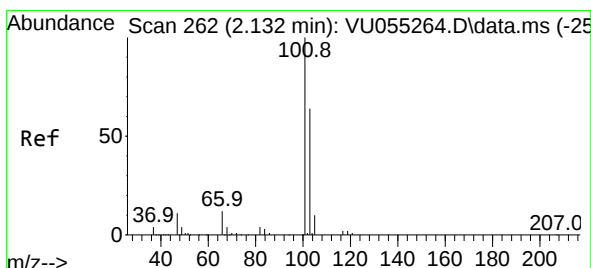
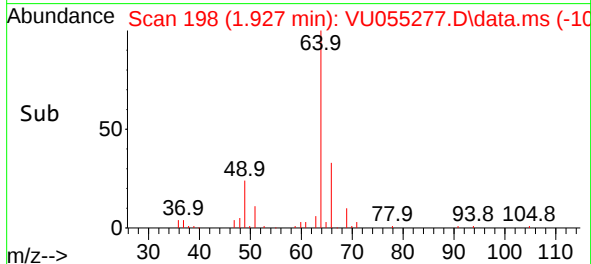
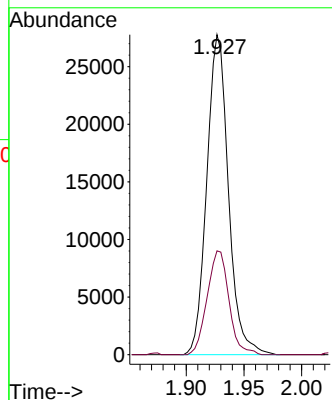
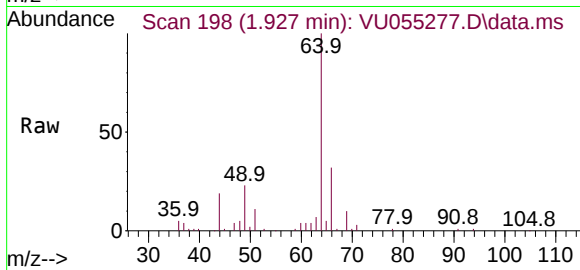
ClientSampleId :

Tgt Ion: 64 Resp: 36143

Ion Ratio Lower Upper

64 100

66 32.5 22.4 41.6



#9

Trichlorofluoromethane

Concen: 4.854 ug/L

RT: 2.132 min Scan# 262

Delta R.T. -0.000 min

Lab File: VU055277.D

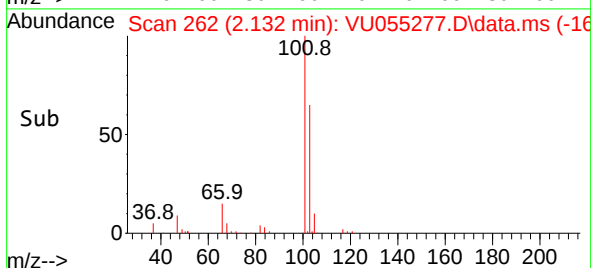
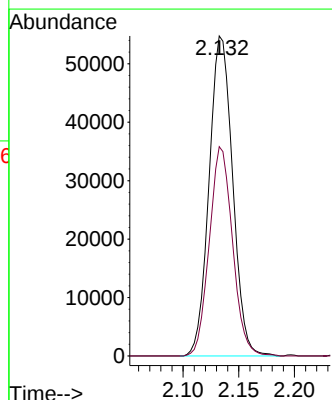
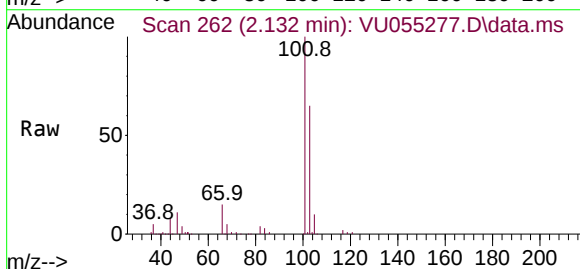
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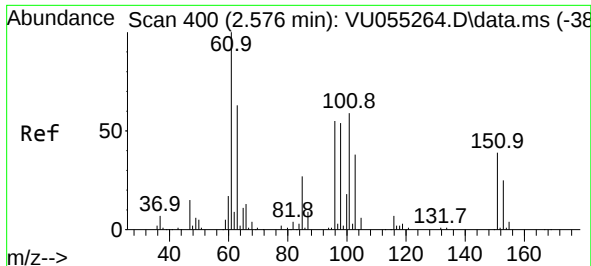
Tgt Ion: 101 Resp: 80537

Ion Ratio Lower Upper

101 100

103 64.5 51.9 77.9

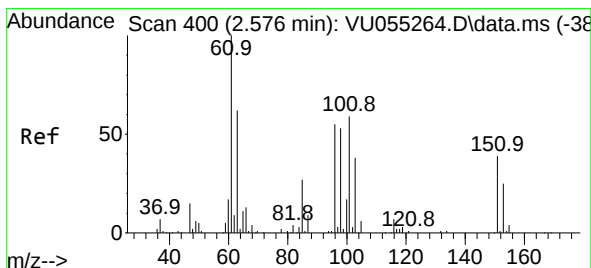
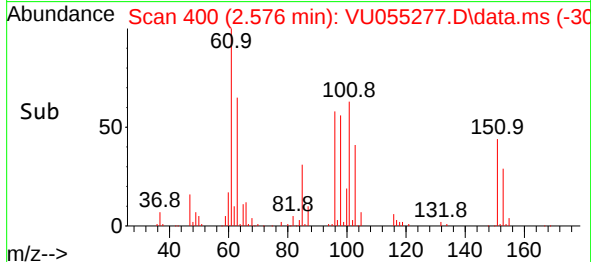
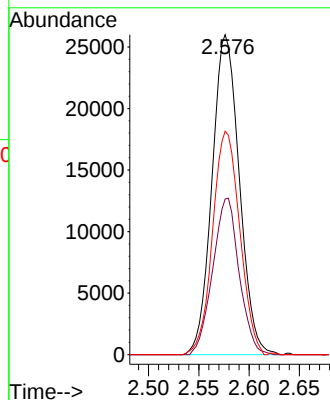
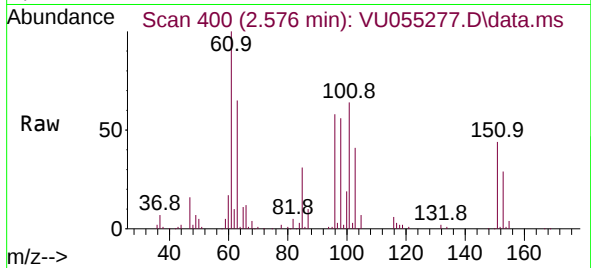




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.085 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055277.D
 Acq: 13 Sep 2023 11:25

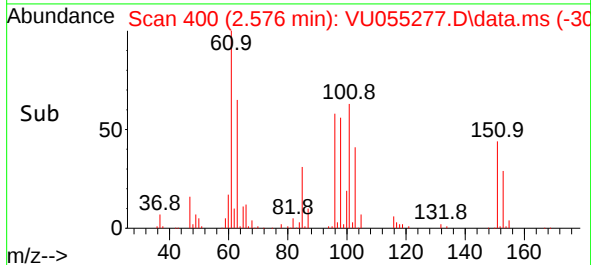
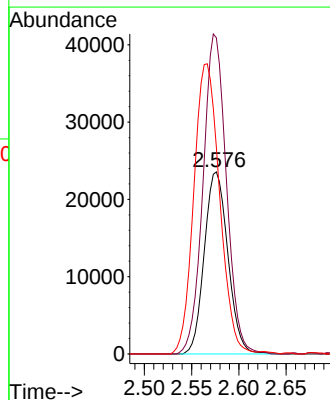
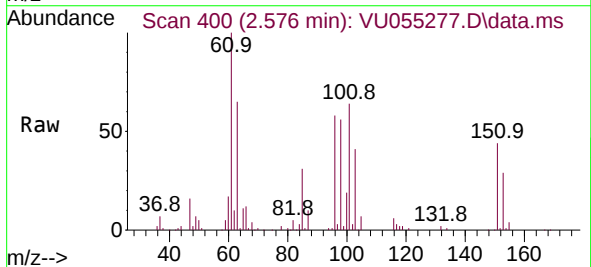
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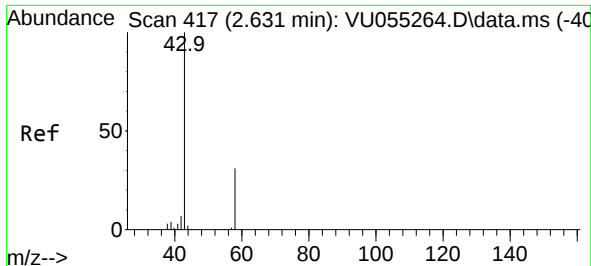
Tgt Ion:101 Resp: 49090
 Ion Ratio Lower Upper
 101 100
 85 47.3 37.3 55.9
 151 69.5 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 4.833 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055277.D
 Acq: 13 Sep 2023 11:25

Tgt Ion: 96 Resp: 40852
 Ion Ratio Lower Upper
 96 100
 61 173.7 120.8 224.4
 63 113.7 94.5 175.5





#13

Acetone

Concen: 49.159 ug/L

RT: 2.628 min Scan# 417

Delta R.T. -0.003 min

Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

Instrument :

MSVOA_U

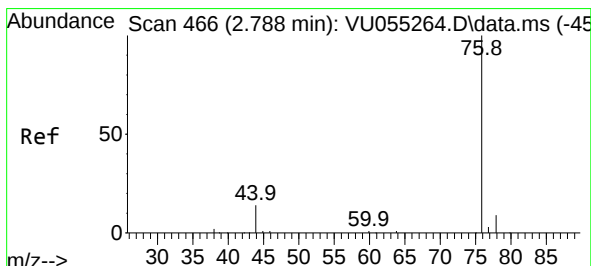
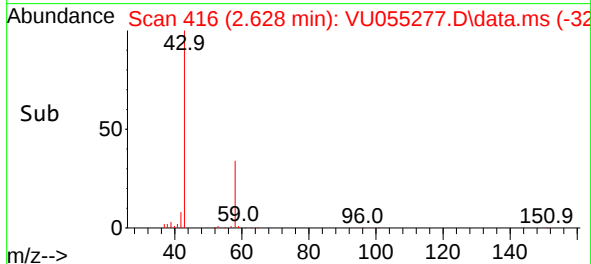
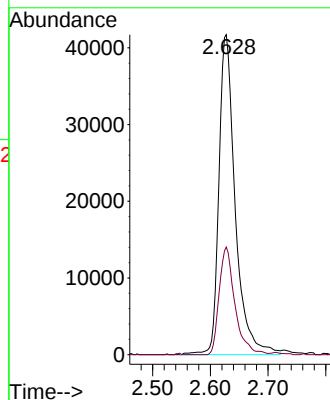
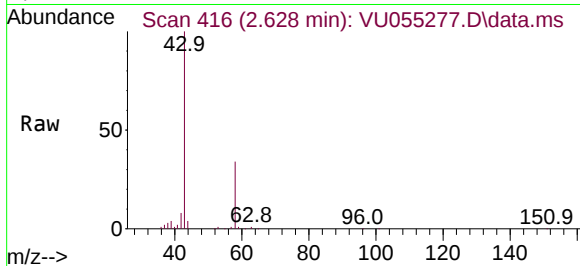
ClientSampleId :

Tgt Ion: 43 Resp: 81923

Ion Ratio Lower Upper

43 100

58 32.4 0.0 67.8



#14

Carbon disulfide

Concen: 4.157 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU055277.D

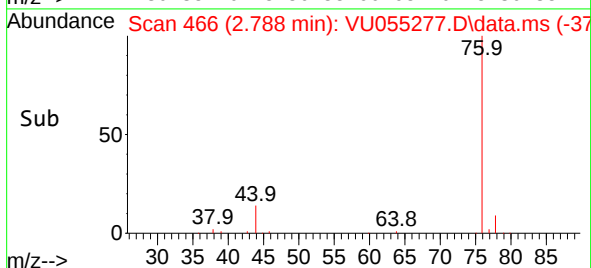
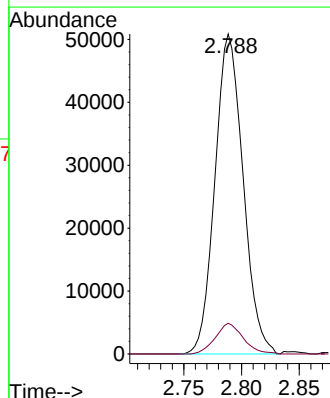
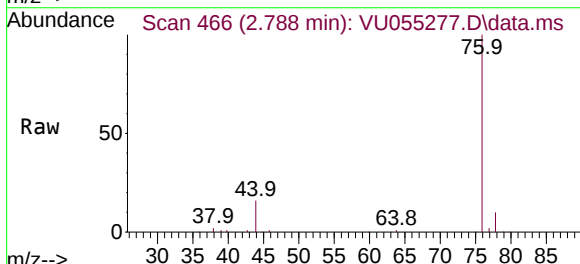
Acq: 13 Sep 2023 11:25

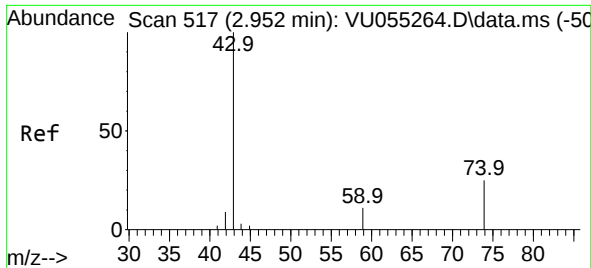
Tgt Ion: 76 Resp: 86046

Ion Ratio Lower Upper

76 100

78 9.6 6.8 10.2

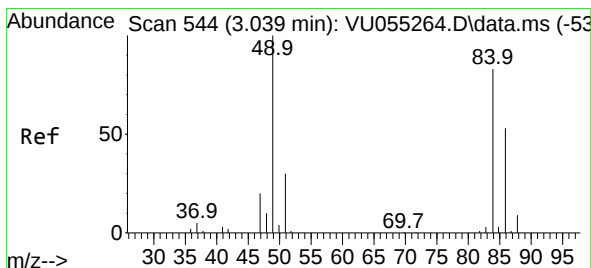
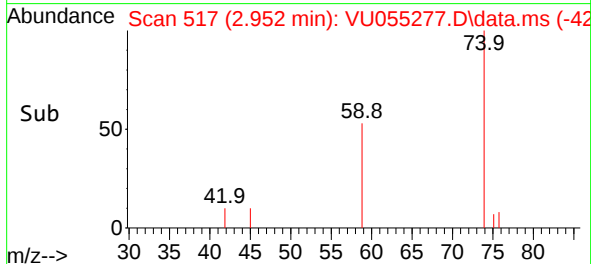
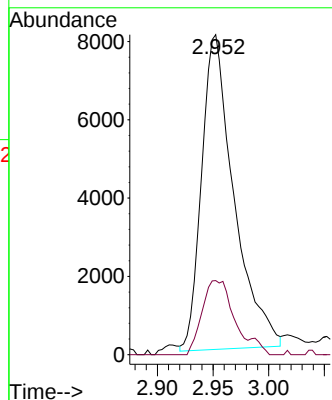
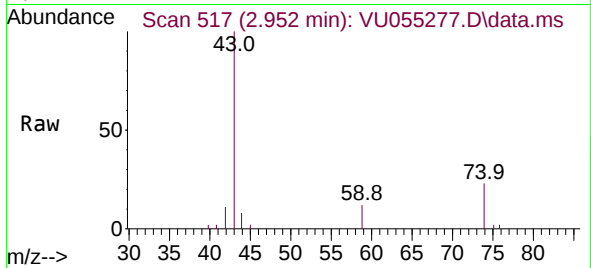




#15
Methyl Acetate
Concen: 4.763 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU055277.D
Acq: 13 Sep 2023 11:25

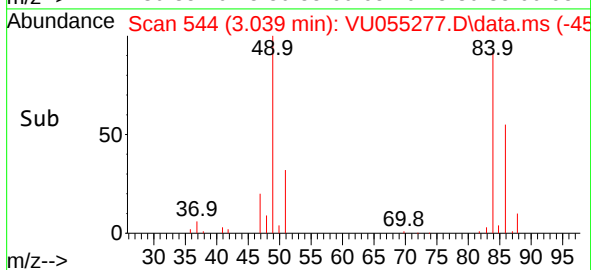
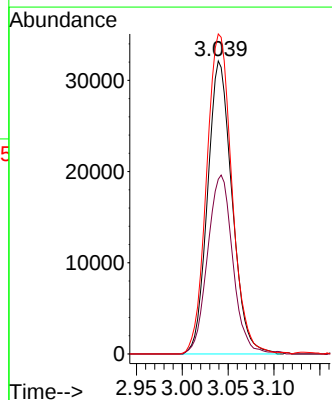
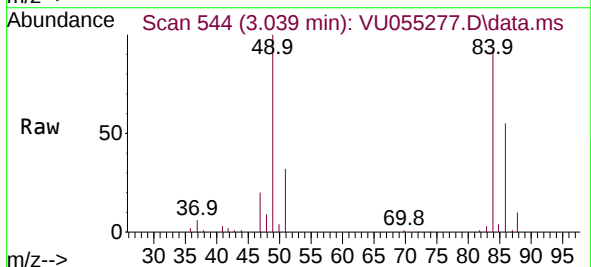
Instrument :
MSVOA_U
ClientSampleId :

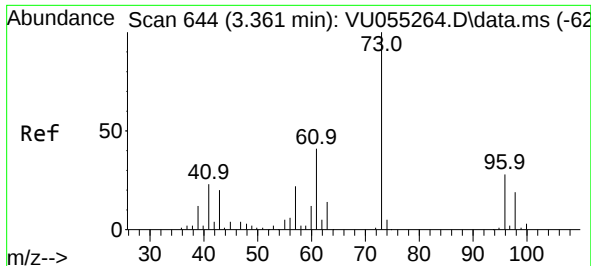
Tgt Ion: 43 Resp: 16247
Ion Ratio Lower Upper
43 100
74 22.3 18.4 27.6



#16
Methylene chloride
Concen: 4.622 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055277.D
Acq: 13 Sep 2023 11:25

Tgt Ion: 84 Resp: 59692
Ion Ratio Lower Upper
84 100
86 59.6 43.4 80.6
49 109.2 87.7 162.9

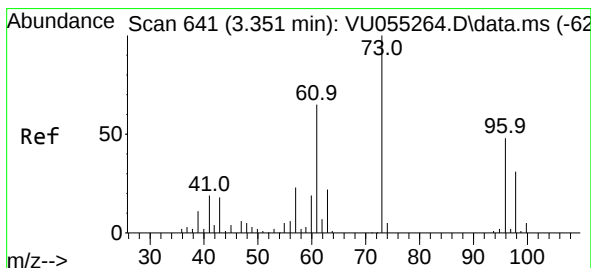
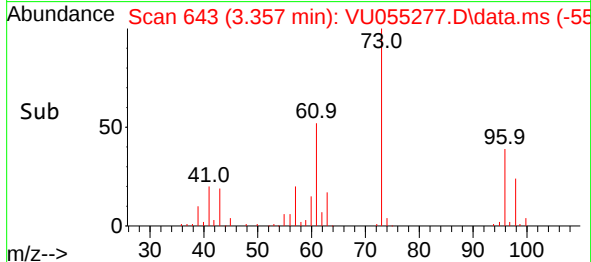
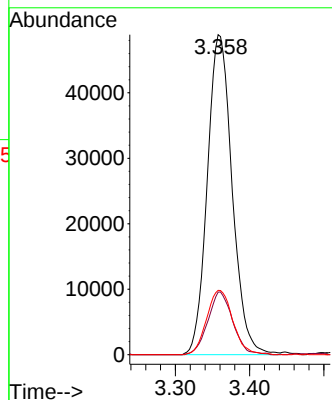
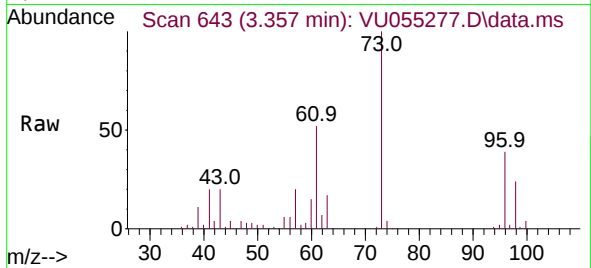




#17
Methyl tert-butyl Ether
Concen: 5.121 ug/L
RT: 3.357 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU055277.D
Acq: 13 Sep 2023 11:25

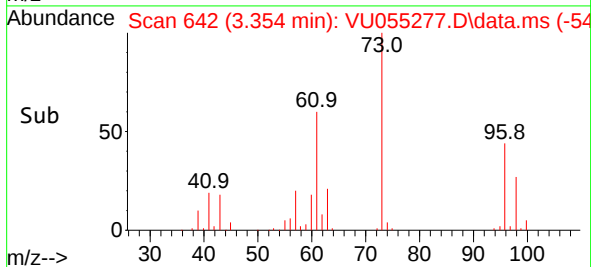
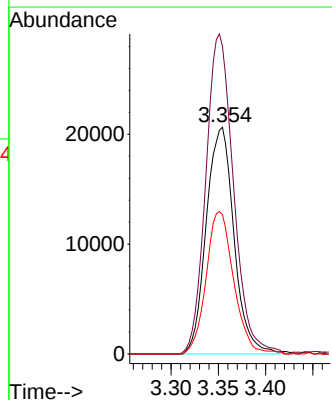
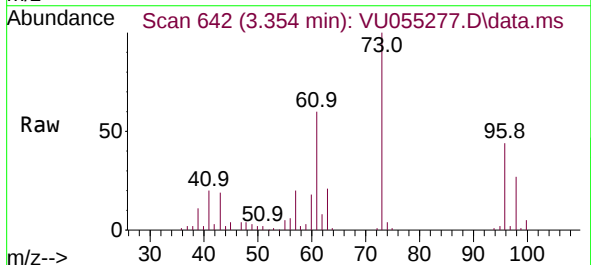
Instrument :
MSVOA_U
ClientSampleId :

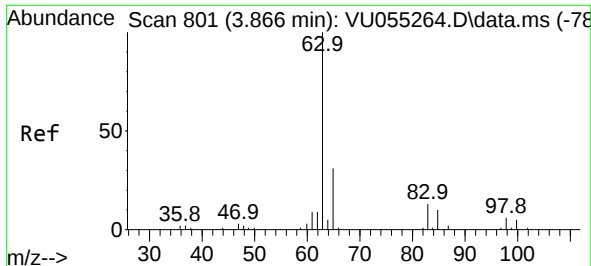
Tgt Ion: 73 Resp: 113518
Ion Ratio Lower Upper
73 100
43 19.6 16.2 24.2
57 21.2 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 4.907 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU055277.D
Acq: 13 Sep 2023 11:25

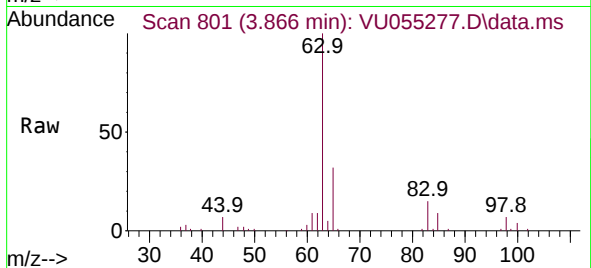
Tgt Ion: 96 Resp: 42077
Ion Ratio Lower Upper
96 100
61 135.8 108.1 200.9
98 61.5 45.4 84.4



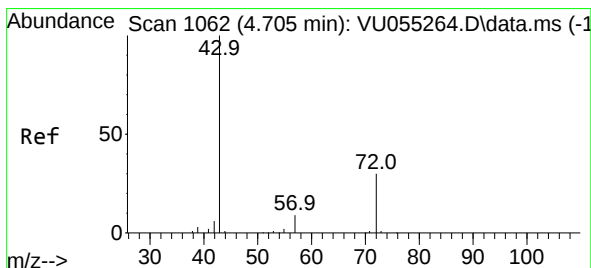
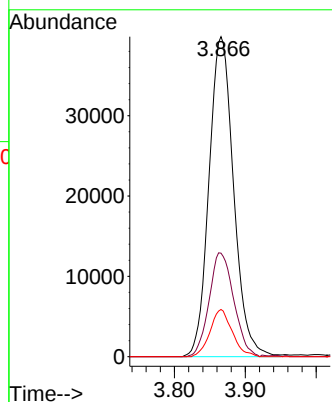
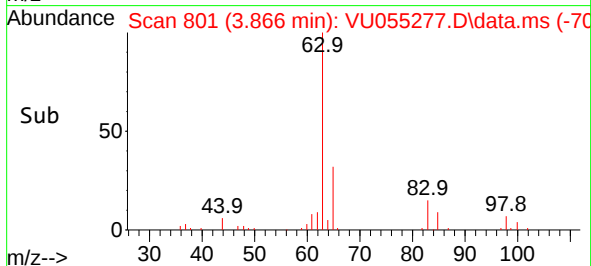


#19
1,1-Dichloroethane
Concen: 5.189 ug/L
RT: 3.866 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU055277.D
Acq: 13 Sep 2023 11:25

Instrument :
MSVOA_U
ClientSampleId :

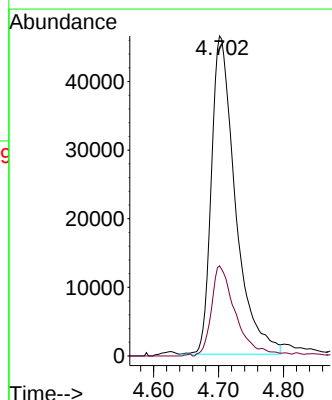
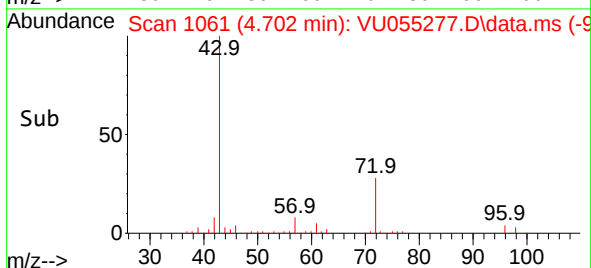
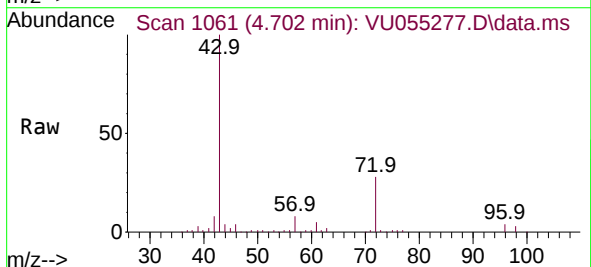


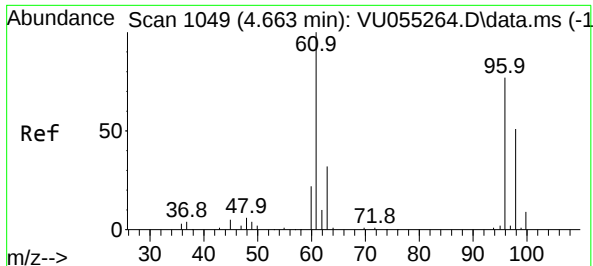
Tgt Ion: 63 Resp: 96155
Ion Ratio Lower Upper
63 100
65 33.3 22.2 41.2
83 14.8 10.6 19.8



#21
2-Butanone
Concen: 48.677 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VU055277.D
Acq: 13 Sep 2023 11:25

Tgt Ion: 43 Resp: 119186
Ion Ratio Lower Upper
43 100
72 28.3 13.5 40.5





#22

cis-1,2-Dichloroethene

Concen: 5.388 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU055277.D

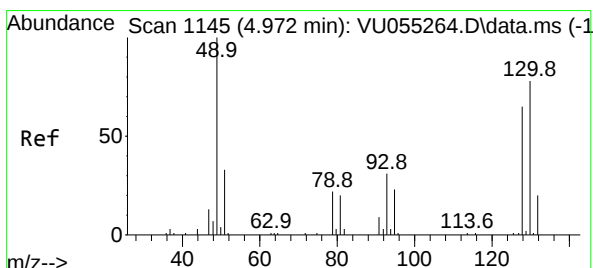
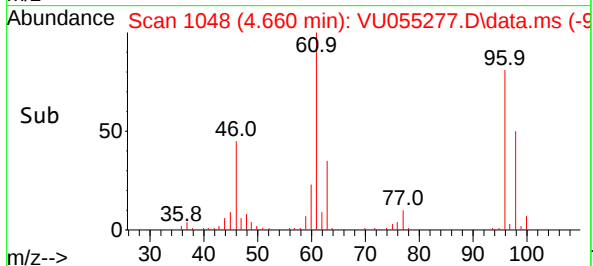
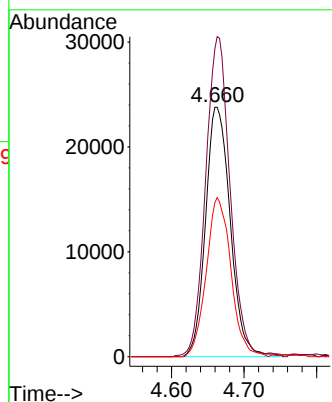
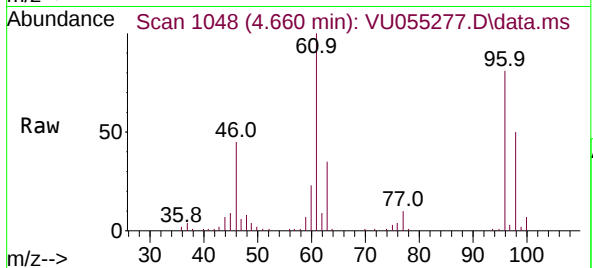
Acq: 13 Sep 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	96	Resp:	56556
Ion	Ratio	Lower	Upper
96	100		
61	123.5	97.2	180.4
98	61.8	46.1	85.7



#23

Bromochloromethane

Concen: 5.241 ug/L

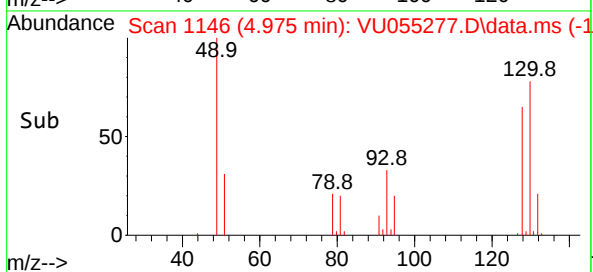
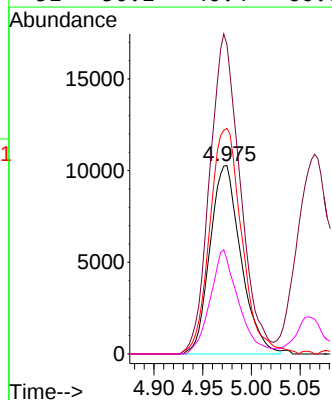
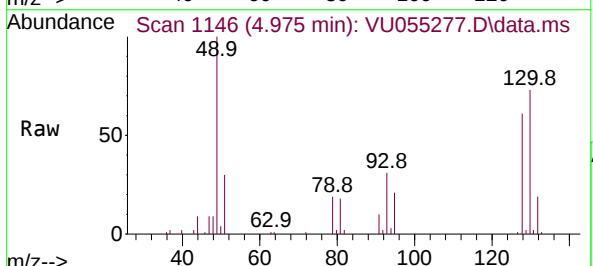
RT: 4.975 min Scan# 1146

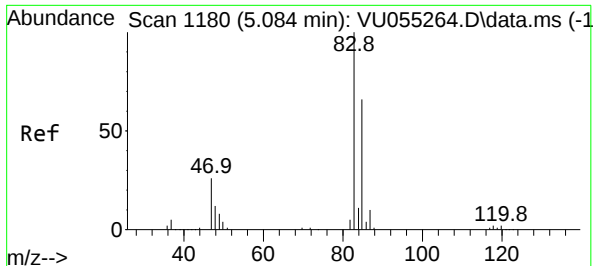
Delta R.T. 0.003 min

Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

Tgt Ion:	128	Resp:	22627
Ion	Ratio	Lower	Upper
128	100		
49	164.3	118.9	220.9
130	119.7	88.0	163.4
51	50.1	40.4	60.6





#25

Chloroform

Concen: 5.535 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

Instrument :

MSVOA_U

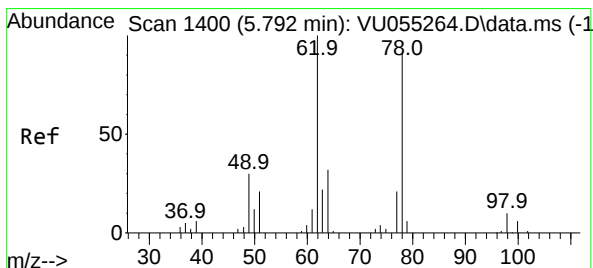
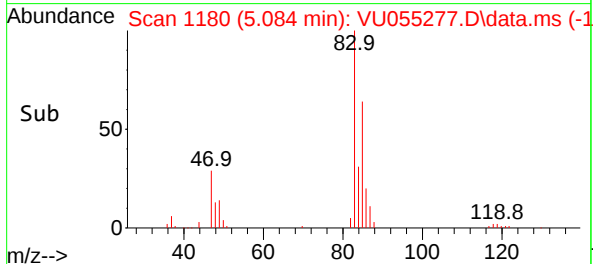
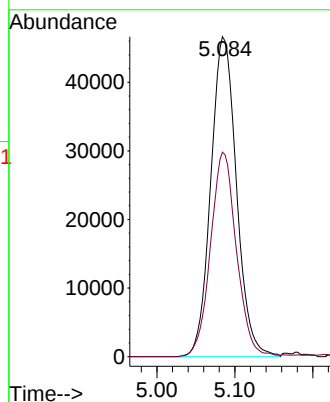
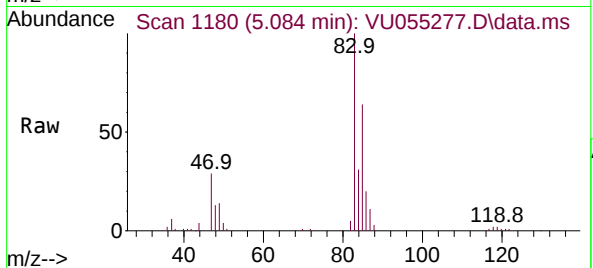
ClientSampleId :

Tgt Ion: 83 Resp: 106842

Ion Ratio Lower Upper

83 100

85 63.9 47.2 87.6



#27

1,2-Dichloroethane

Concen: 5.571 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU055277.D

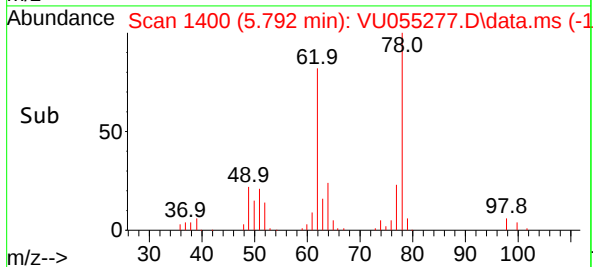
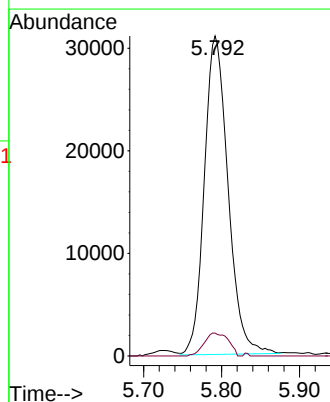
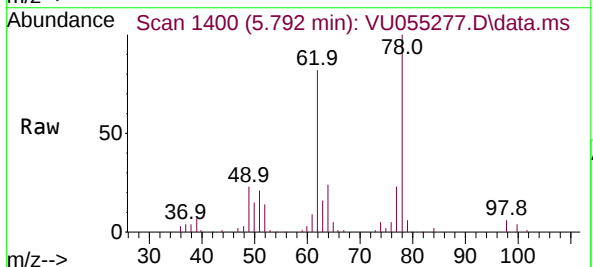
Acq: 13 Sep 2023 11:25

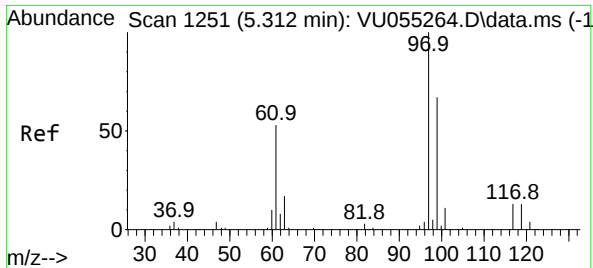
Tgt Ion: 62 Resp: 65628

Ion Ratio Lower Upper

62 100

98 7.1 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.177 ug/L

RT: 5.312 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

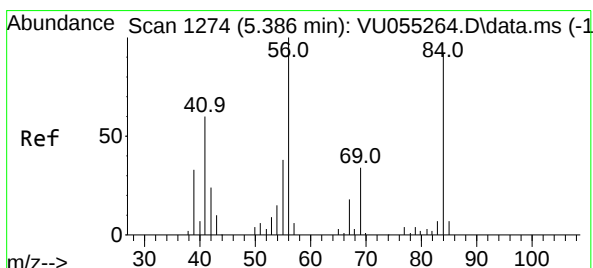
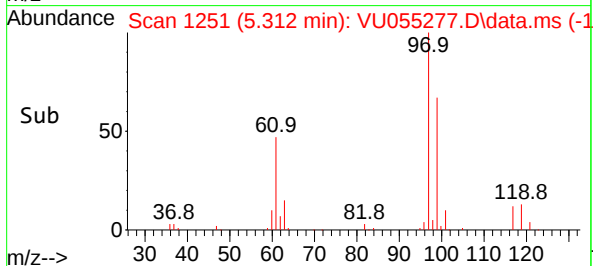
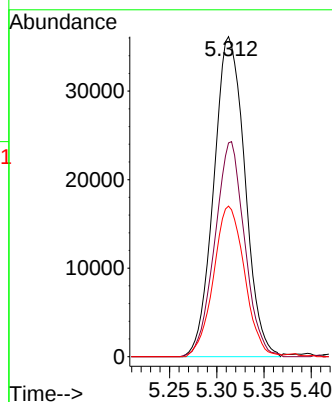
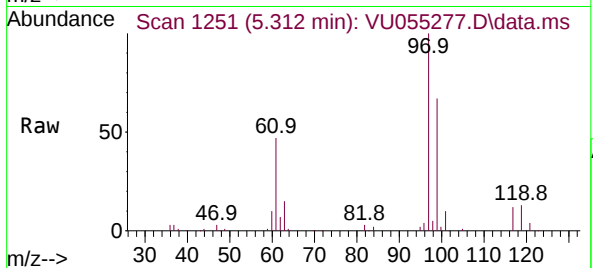
Tgt Ion: 97 Resp: 82589

Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.8

61 47.0 36.8 55.2



#30

Cyclohexane

Concen: 4.458 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

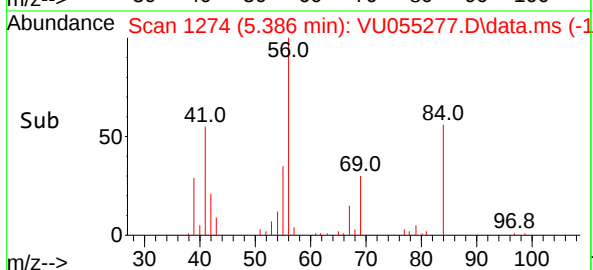
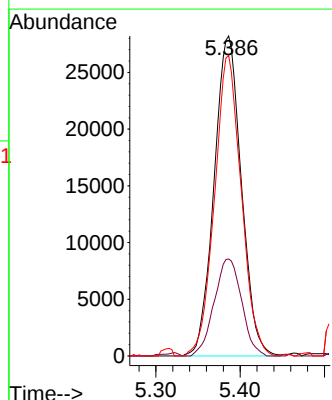
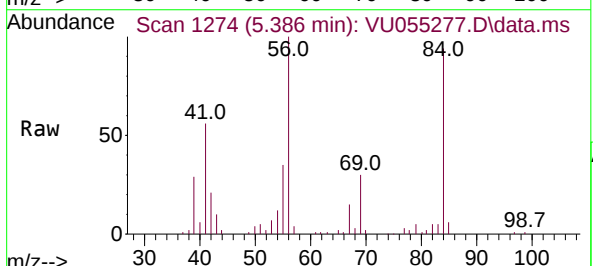
Tgt Ion: 56 Resp: 63246

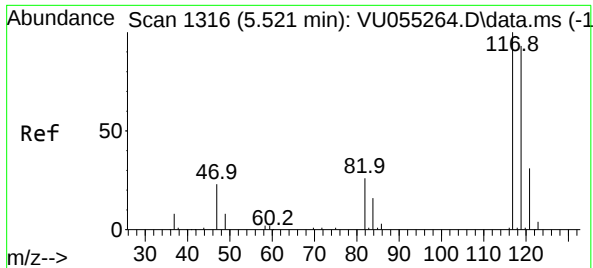
Ion Ratio Lower Upper

56 100

69 30.5 24.6 37.0

84 91.9 68.8 103.2

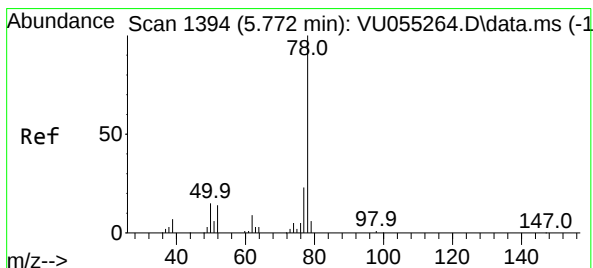
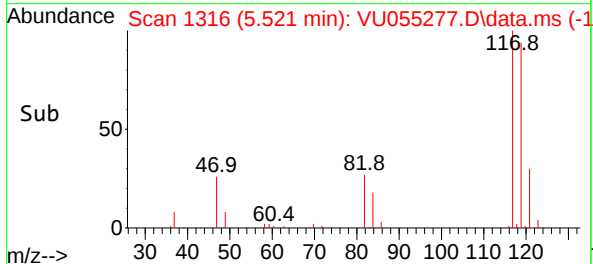
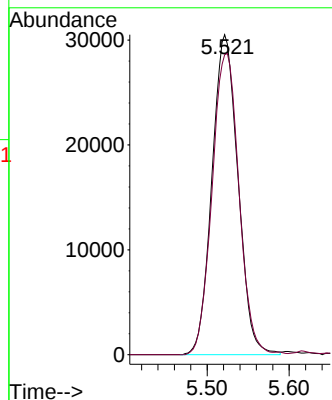
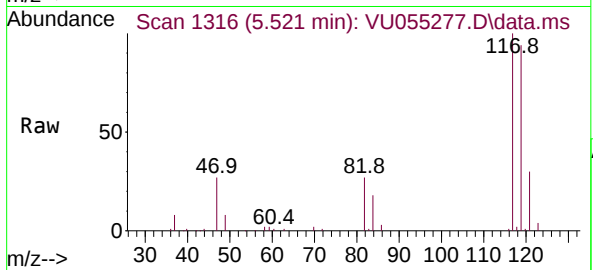




#31
Carbon tetrachloride
Concen: 5.074 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU055277.D
Acq: 13 Sep 2023 11:25

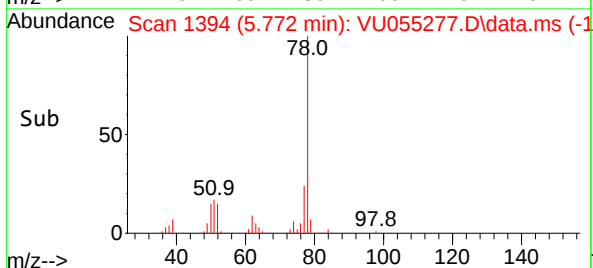
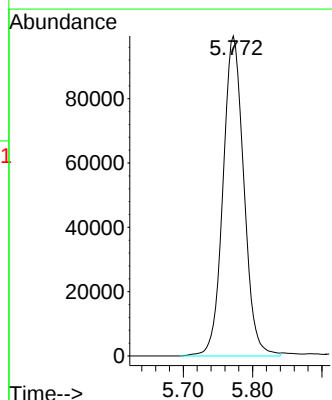
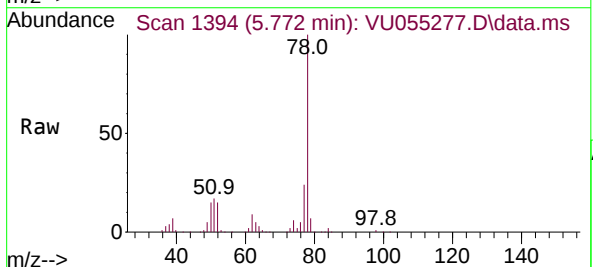
Instrument :
MSVOA_U
ClientSampleId :

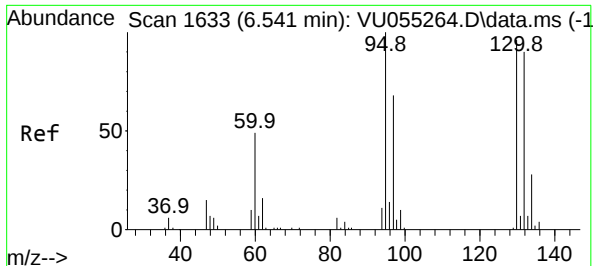
Tgt Ion:117 Resp: 67305
Ion Ratio Lower Upper
117 100
119 97.4 75.4 113.0



#33
Benzene
Concen: 5.311 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VU055277.D
Acq: 13 Sep 2023 11:25

Tgt Ion: 78 Resp: 208460



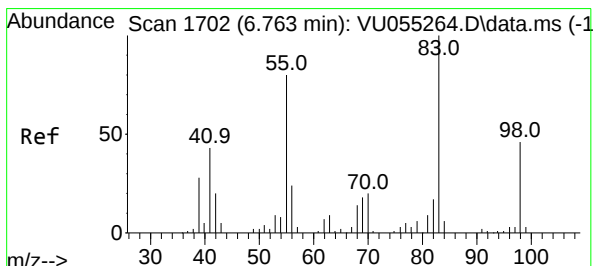
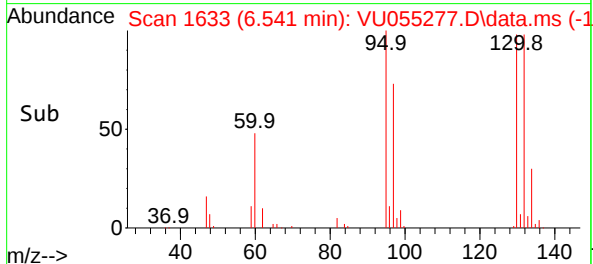
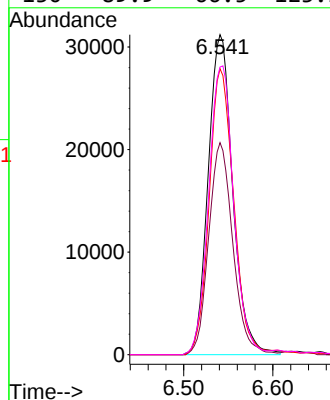
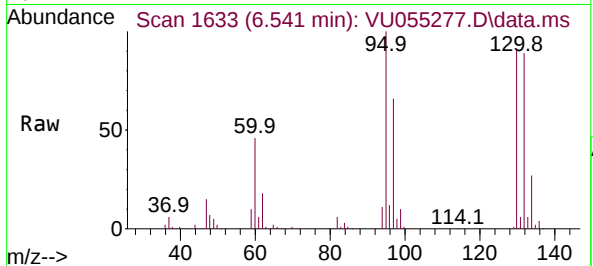


#34
Trichloroethene
Concen: 5.493 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055277.D
Acq: 13 Sep 2023 11:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 59920

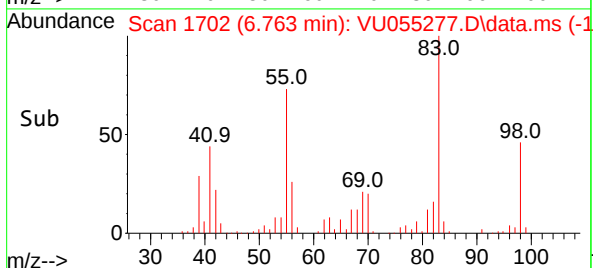
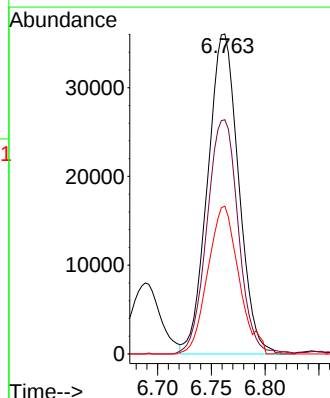
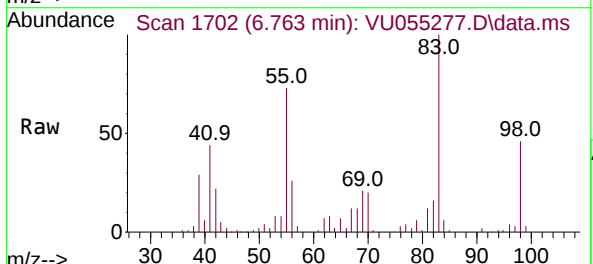
Ion	Ratio	Lower	Upper
95	100		
97	66.2	44.7	83.1
132	89.4	66.6	123.6
130	89.9	66.5	123.5

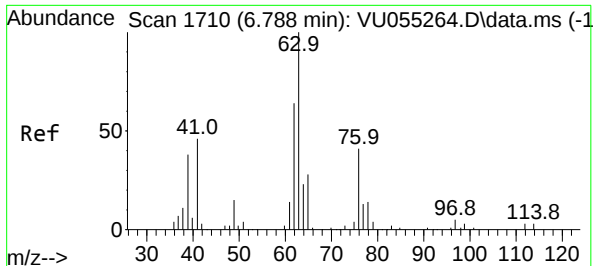


#35
Methylcyclohexane
Concen: 4.707 ug/L
RT: 6.763 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VU055277.D
Acq: 13 Sep 2023 11:25

Tgt Ion: 83 Resp: 72043

Ion	Ratio	Lower	Upper
83	100		
55	74.2	60.4	90.6
98	46.2	35.3	52.9





#37

1,2-Dichloropropane

Concen: 5.431 ug/L

RT: 6.788 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

Instrument :

MSVOA_U

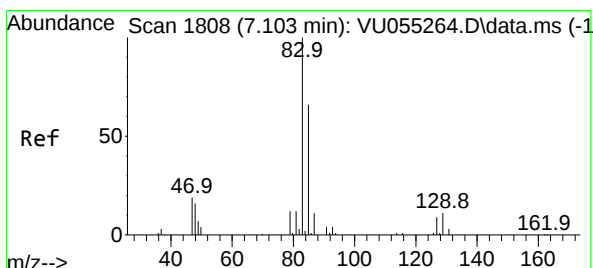
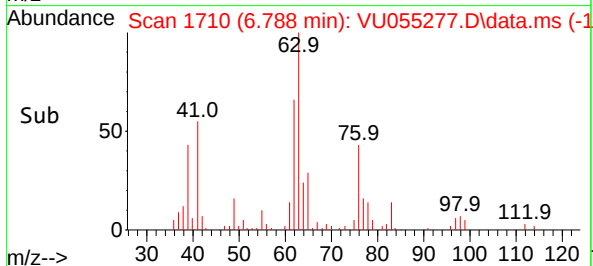
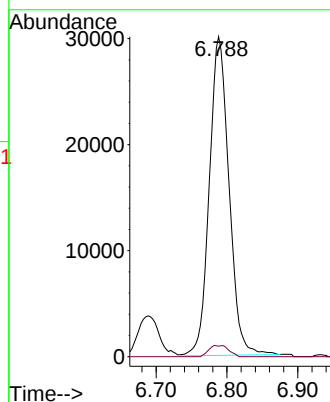
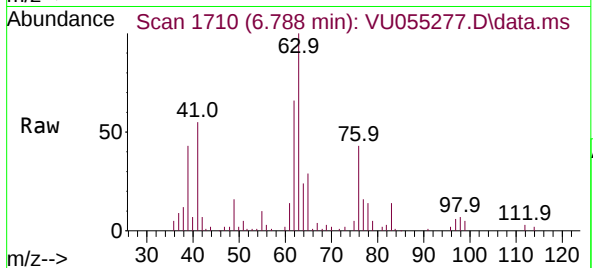
ClientSampleId :

Tgt Ion: 63 Resp: 58038

Ion Ratio Lower Upper

63 100

112 1.9 3.2 4.8#



#38

Bromodichloromethane

Concen: 5.652 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

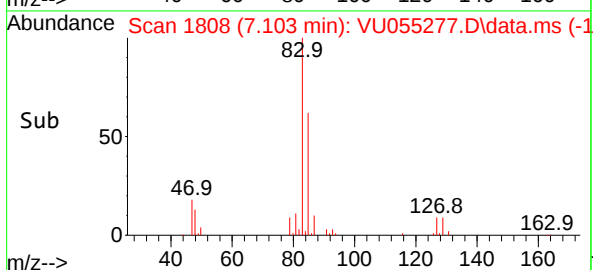
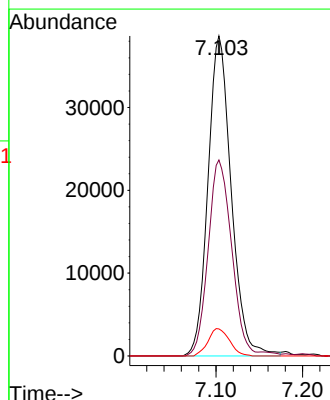
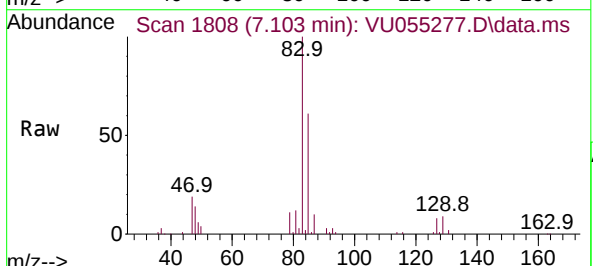
Tgt Ion: 83 Resp: 72109

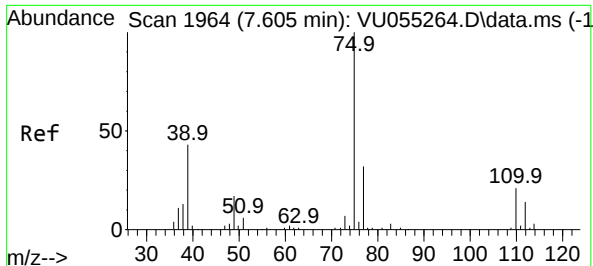
Ion Ratio Lower Upper

83 100

85 61.3 44.9 83.5

127 8.5 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 5.317 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

Instrument :

MSVOA_U

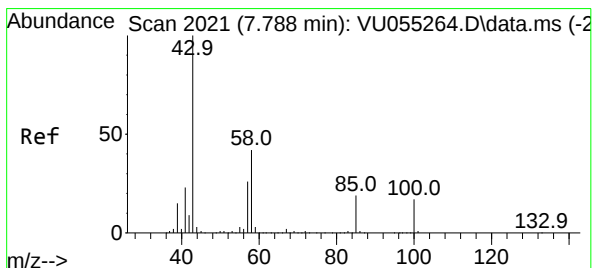
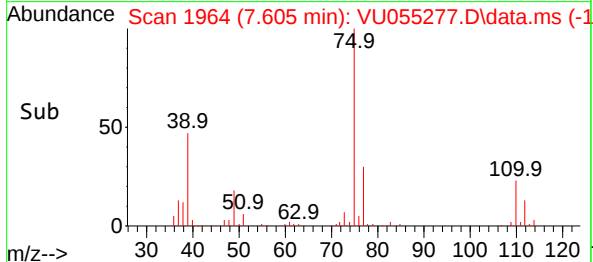
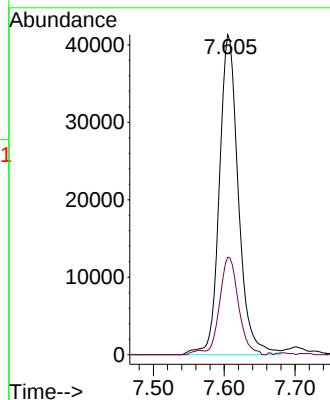
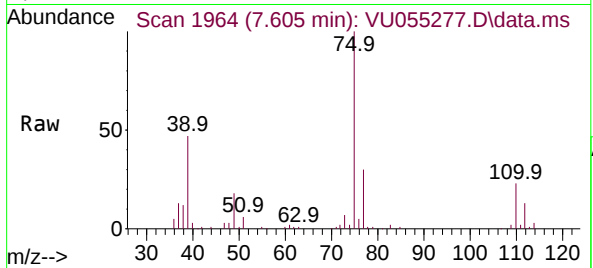
ClientSampleId :

Tgt Ion: 75 Resp: 77276

Ion Ratio Lower Upper

75 100

77 30.4 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 48.273 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

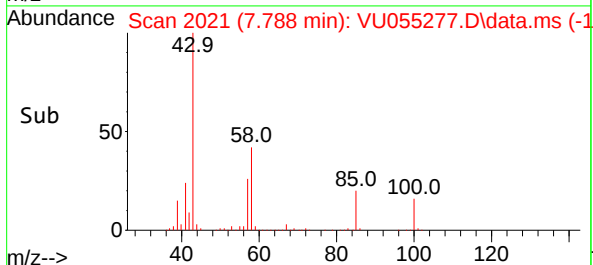
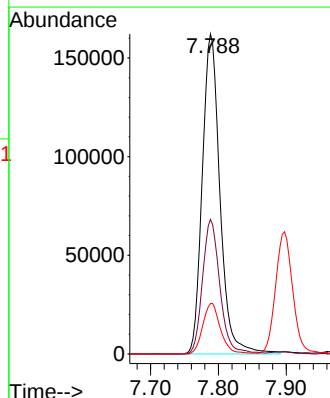
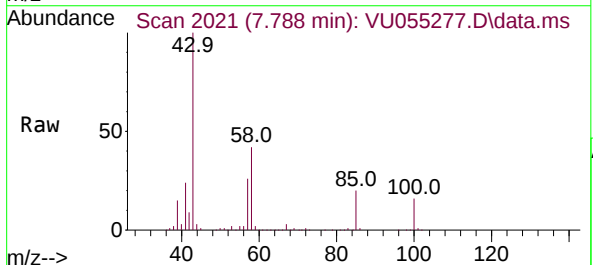
Tgt Ion: 43 Resp: 294256

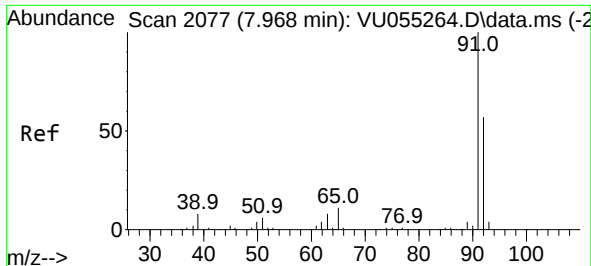
Ion Ratio Lower Upper

43 100

58 41.3 31.5 47.3

100 15.9 11.8 17.8





#42

Toluene

Concen: 5.396 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. -0.000 min

Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

Instrument :

MSVOA_U

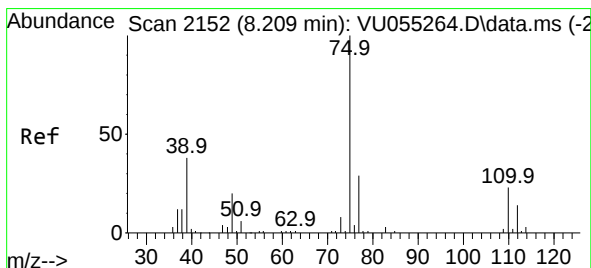
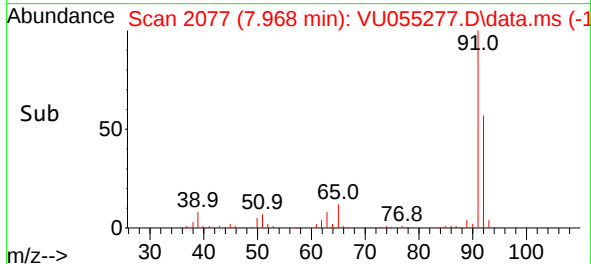
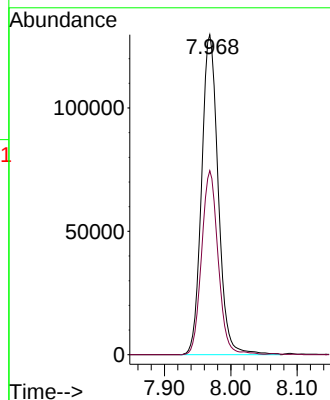
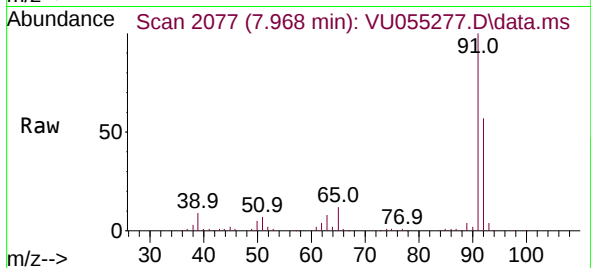
ClientSampleId :

Tgt Ion: 91 Resp: 225781

Ion Ratio Lower Upper

91 100

92 57.5 41.9 77.9



#44

trans-1,3-Dichloropropene

Concen: 5.267 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. -0.000 min

Lab File: VU055277.D

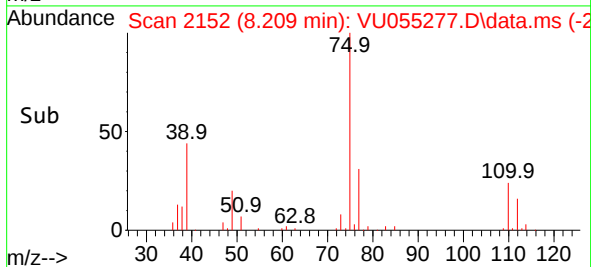
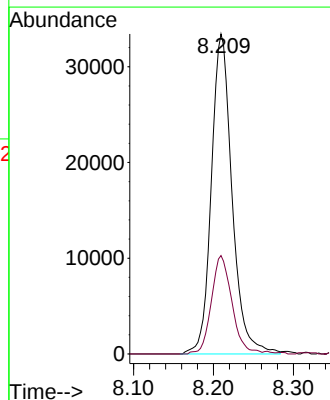
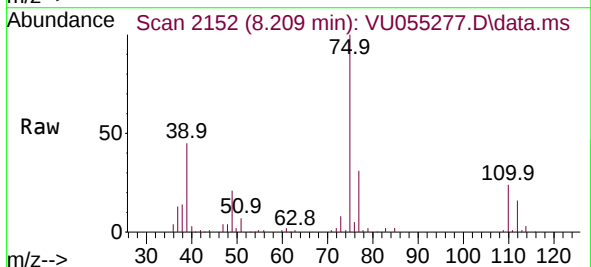
Acq: 13 Sep 2023 11:25

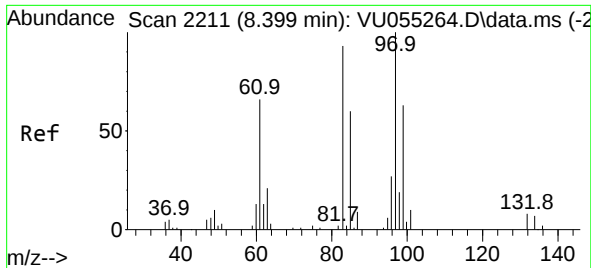
Tgt Ion: 75 Resp: 60091

Ion Ratio Lower Upper

75 100

77 30.8 20.5 38.1

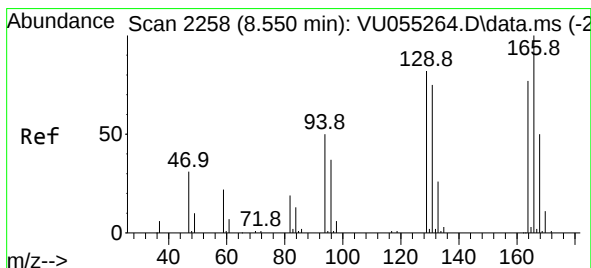
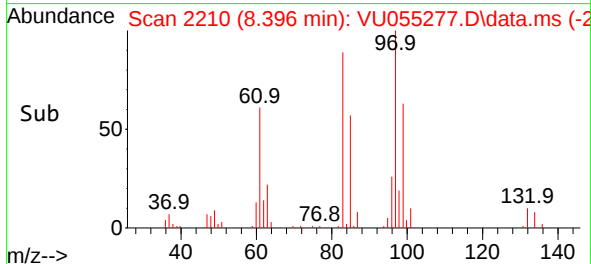
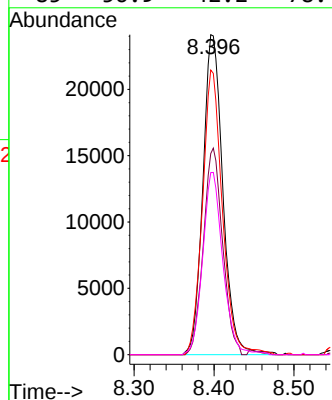
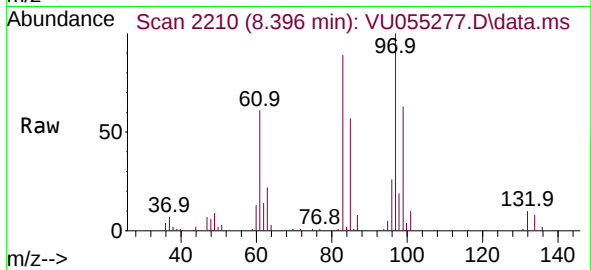




#45
1,1,2-Trichloroethane
Concen: 5.822 ug/L
RT: 8.396 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU055277.D
Acq: 13 Sep 2023 11:25

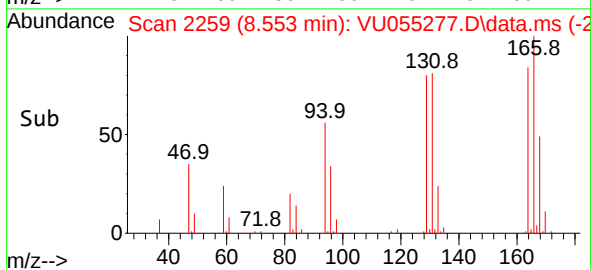
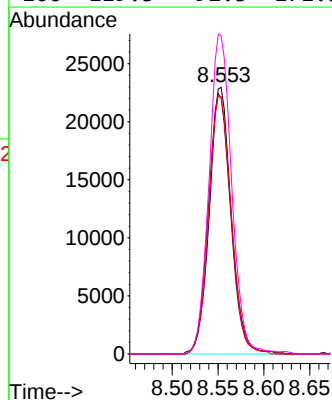
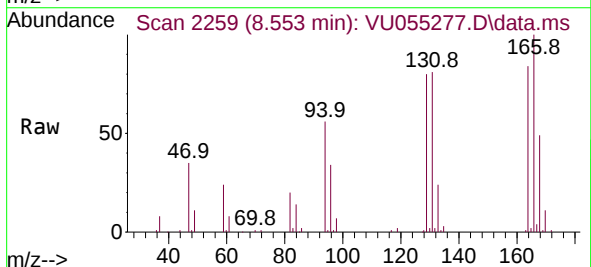
Instrument :
MSVOA_U
ClientSampleId :

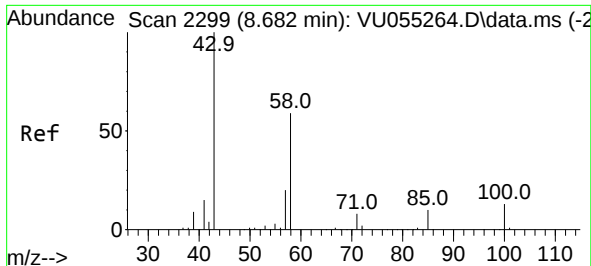
Tgt Ion: 97	Resp: 41902
Ion Ratio	Lower Upper
97 100	
99 62.9	44.9 83.5
83 89.0	66.9 124.3
85 56.9	42.2 78.4



#47
Tetrachloroethene
Concen: 5.065 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU055277.D
Acq: 13 Sep 2023 11:25

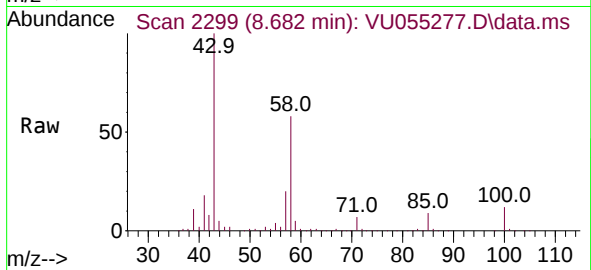
Tgt	Ion:164	Resp:	38184
Ion	Ratio	Lower	Upper
164	100		
129	95.8	69.2	128.6
131	96.6	68.8	127.8
166	119.3	92.3	171.5



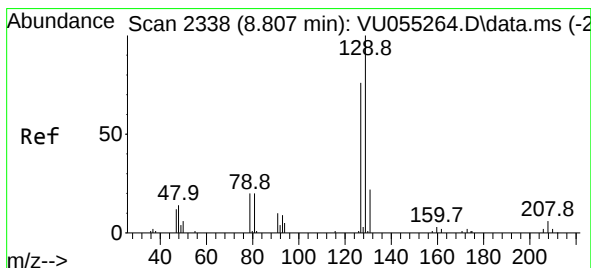
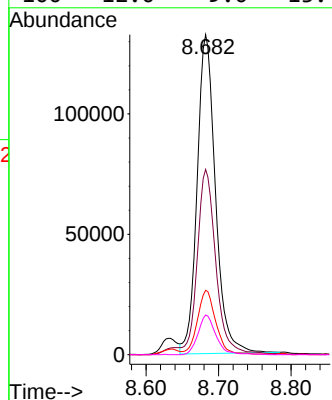
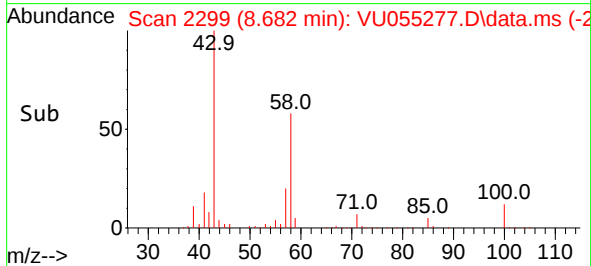


#48
2-Hexanone
Concen: 48.773 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055277.D
Acq: 13 Sep 2023 11:25

Instrument :
MSVOA_U
ClientSampleId :

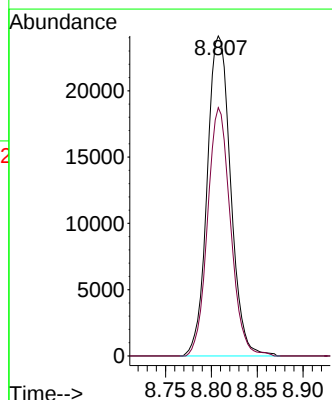
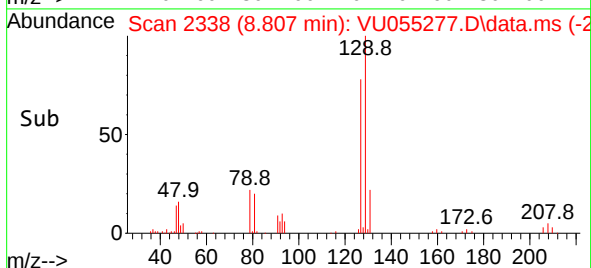
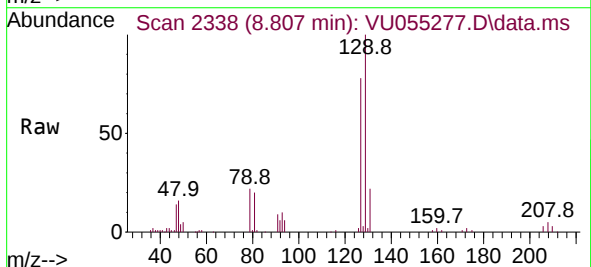


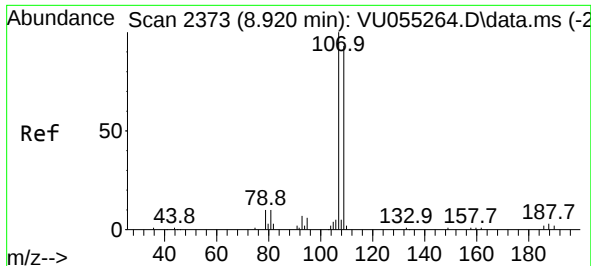
Tgt Ion: 43 Resp: 232872
Ion Ratio Lower Upper
43 100
58 61.0 44.0 66.0
57 20.0 16.2 24.2
100 12.0 9.0 13.4



#49
Dibromochloromethane
Concen: 5.465 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055277.D
Acq: 13 Sep 2023 11:25

Tgt Ion:129 Resp: 42943
Ion Ratio Lower Upper
129 100
127 77.6 55.9 103.7





#50

1,2-Dibromoethane

Concen: 5.579 ug/L

RT: 8.923 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU055277.D

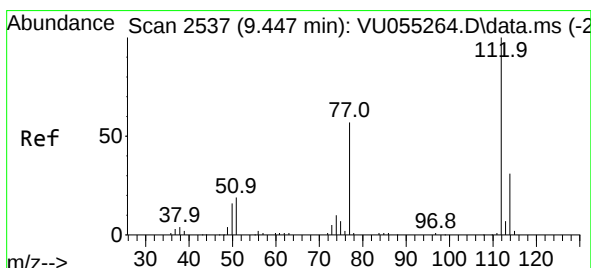
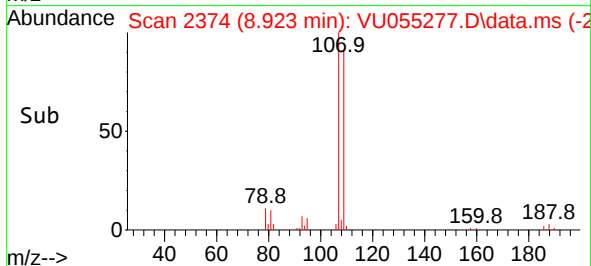
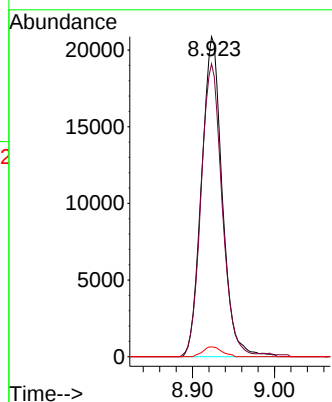
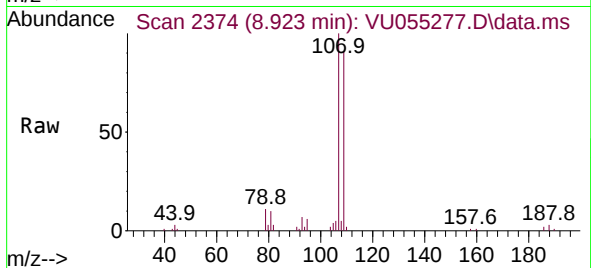
Acq: 13 Sep 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	36568
Ion	Ratio	Lower	Upper
107	100		
109	91.5	71.4	132.6
188	3.0	3.1	4.7#



#51

Chlorobenzene

Concen: 5.284 ug/L

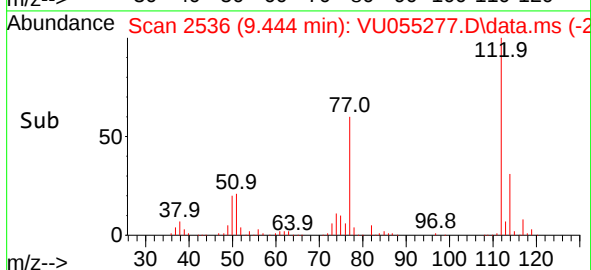
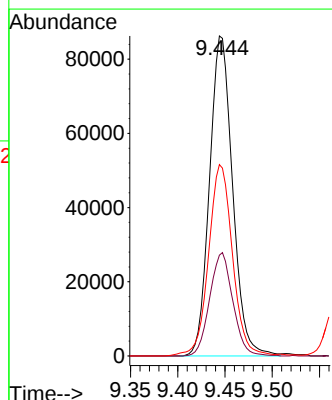
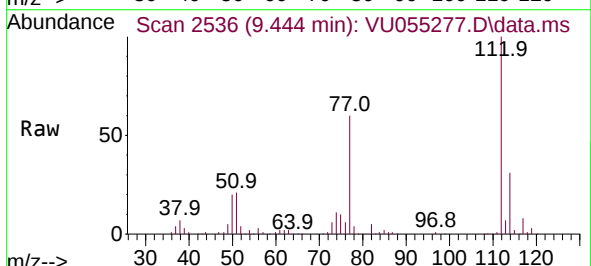
RT: 9.444 min Scan# 2536

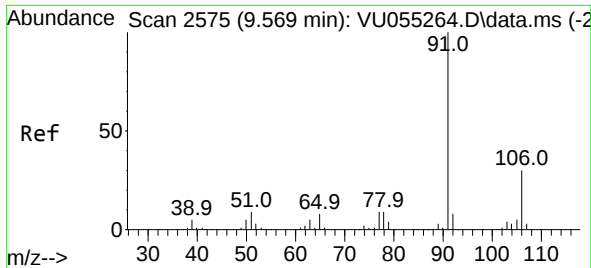
Delta R.T. -0.003 min

Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

Tgt Ion:	112	Resp:	146437
Ion	Ratio	Lower	Upper
112	100		
114	31.5	21.7	40.3
77	59.8	48.6	72.8

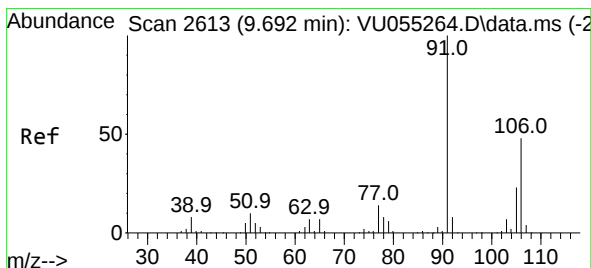
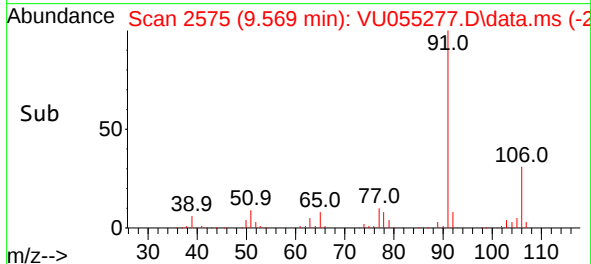
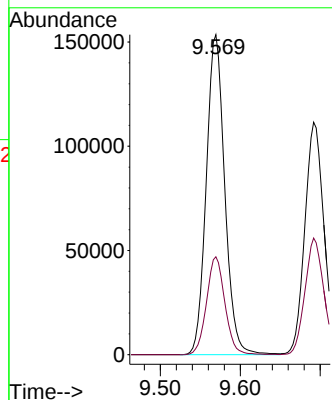
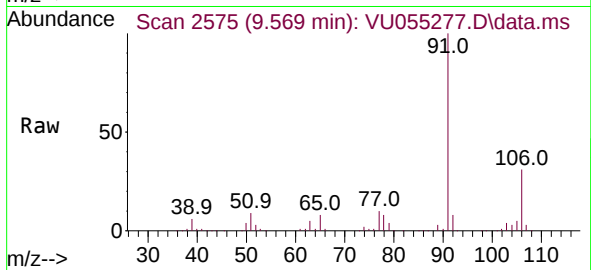




#52
Ethylbenzene
Concen: 5.282 ug/L
RT: 9.569 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055277.D
Acq: 13 Sep 2023 11:25

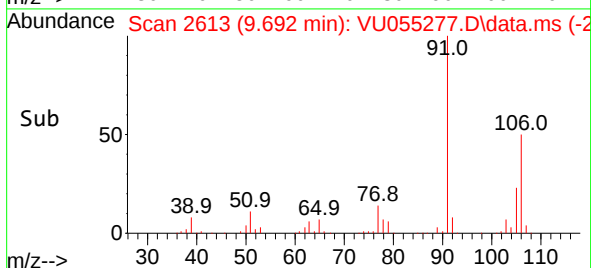
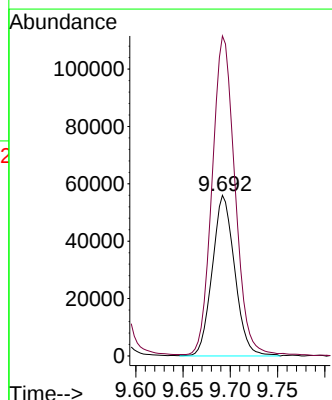
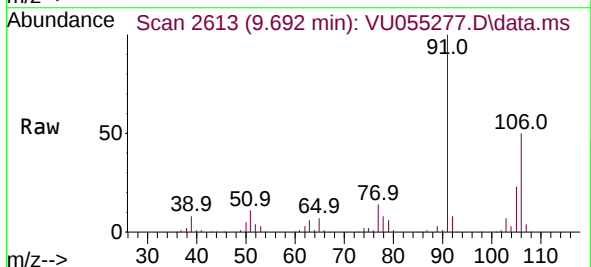
Instrument :
MSVOA_U
ClientSampleId :

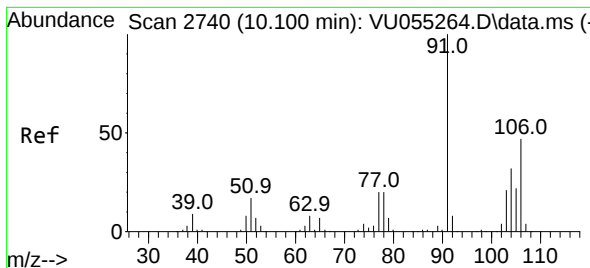
Tgt Ion: 91 Resp: 247279
Ion Ratio Lower Upper
91 100
106 30.6 21.5 39.9



#53
m,p-Xylene
Concen: 5.339 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055277.D
Acq: 13 Sep 2023 11:25

Tgt Ion:106 Resp: 92490
Ion Ratio Lower Upper
106 100
91 199.2 148.3 275.5





#54

o-Xylene

Concen: 5.284 ug/L

RT: 10.100 min Scan# 2740

Delta R.T. -0.000 min

Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

Instrument :

MSVOA_U

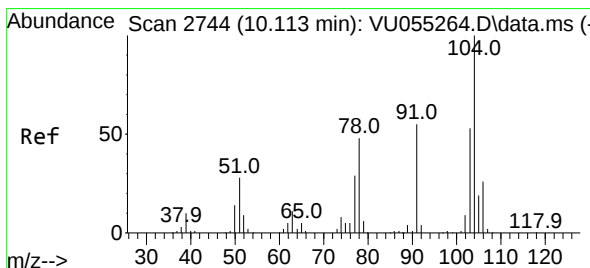
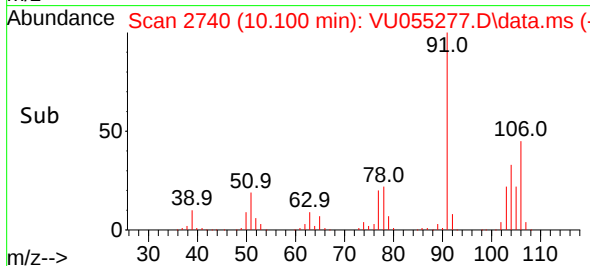
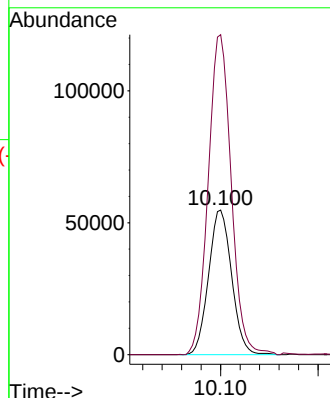
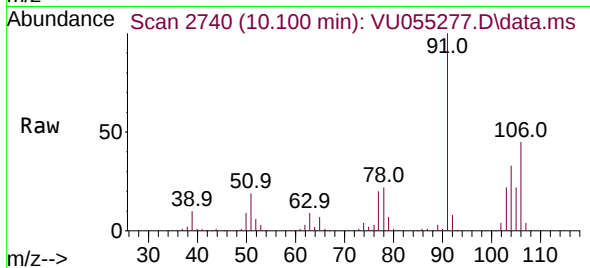
ClientSampleId :

Tgt Ion:106 Resp: 90067

Ion Ratio Lower Upper

106 100

91 221.3 152.9 284.1



#55

Styrene

Concen: 5.480 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. -0.000 min

Lab File: VU055277.D

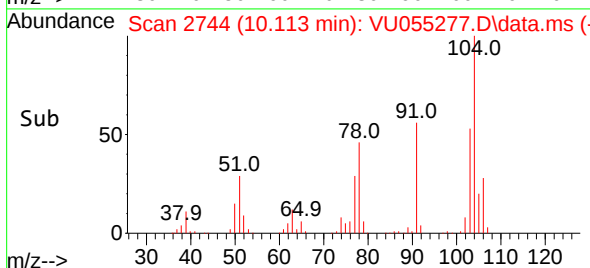
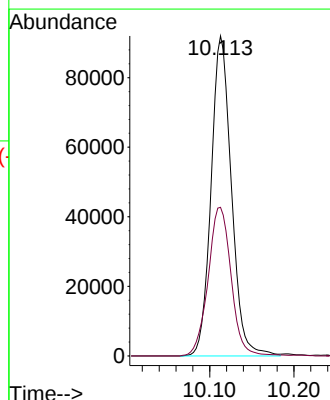
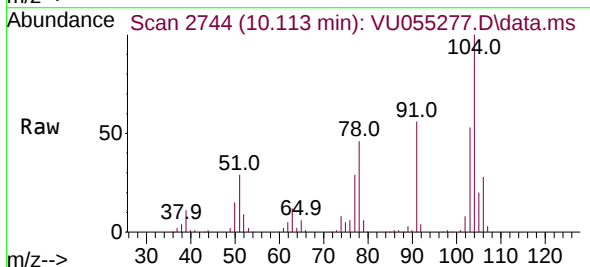
Acq: 13 Sep 2023 11:25

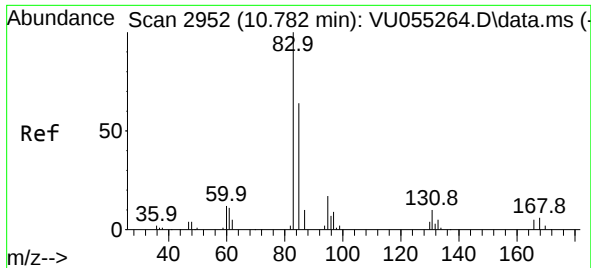
Tgt Ion:104 Resp: 154279

Ion Ratio Lower Upper

104 100

78 46.4 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 4.903 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

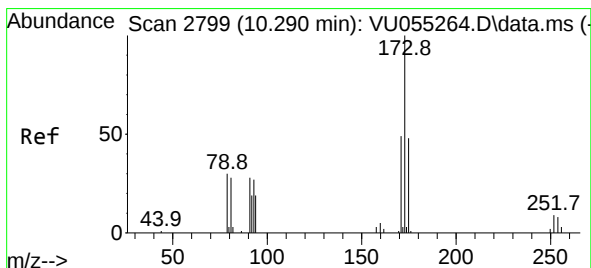
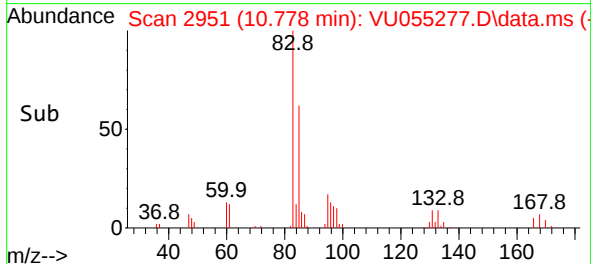
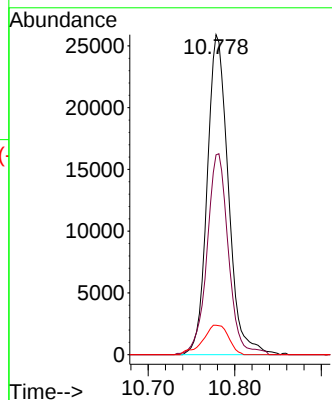
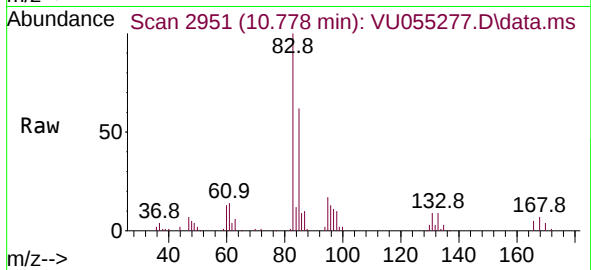
Tgt Ion: 83 Resp: 43955

Ion Ratio Lower Upper

83 100

85 62.5 42.4 78.6

131 9.2 7.6 11.4



#59

Bromoform

Concen: 5.348 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. -0.000 min

Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

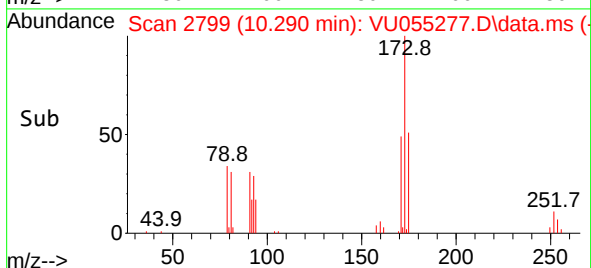
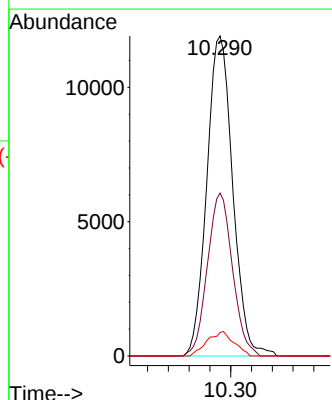
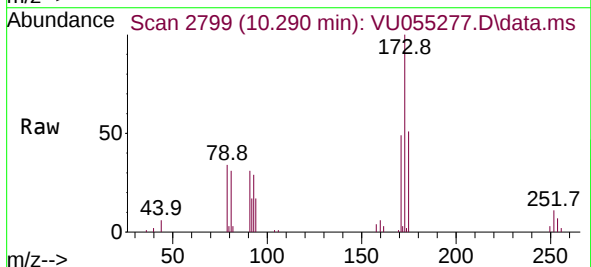
Tgt Ion:173 Resp: 20647

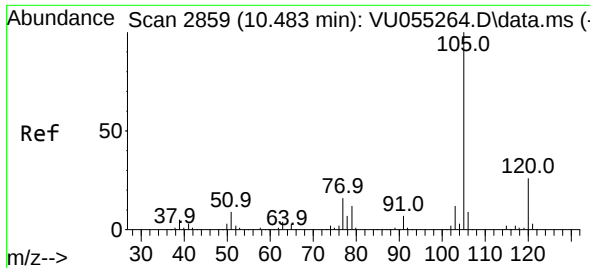
Ion Ratio Lower Upper

173 100

175 49.2 40.9 61.3

254 7.9 7.0 10.4

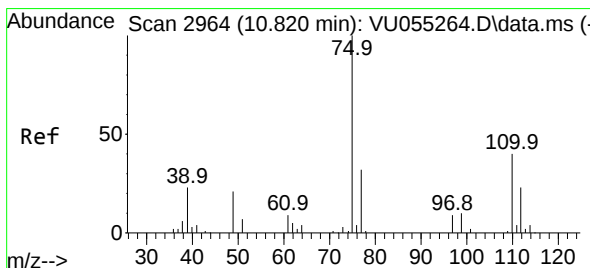
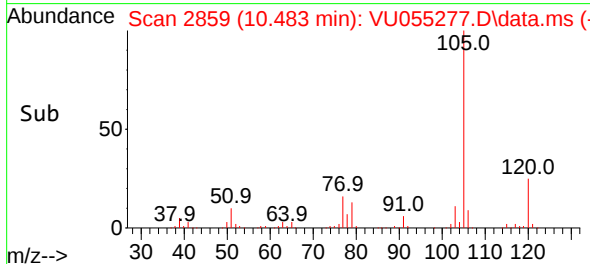
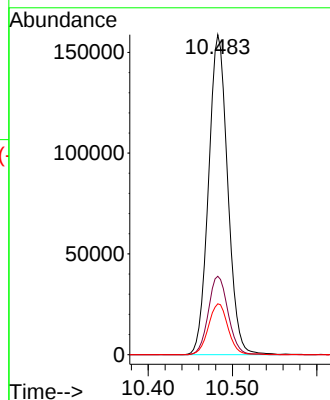
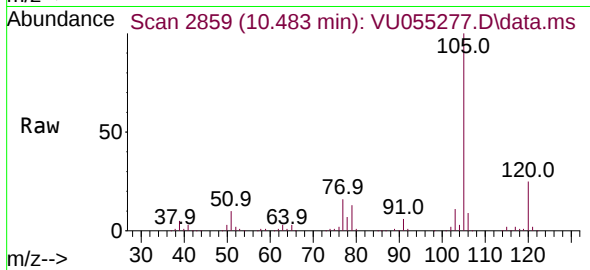




#60
Isopropylbenzene
Concen: 5.561 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU055277.D
Acq: 13 Sep 2023 11:25

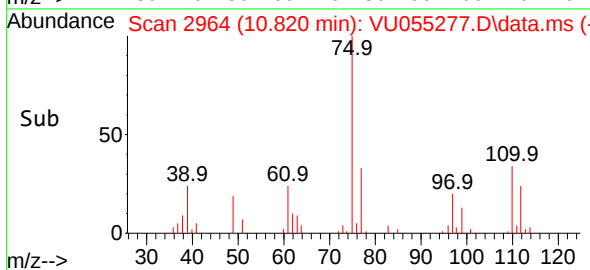
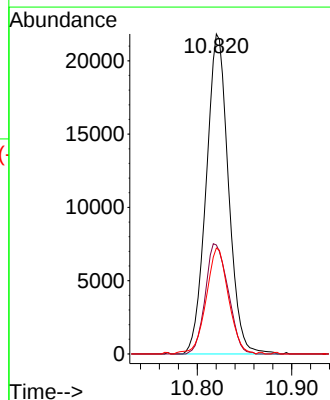
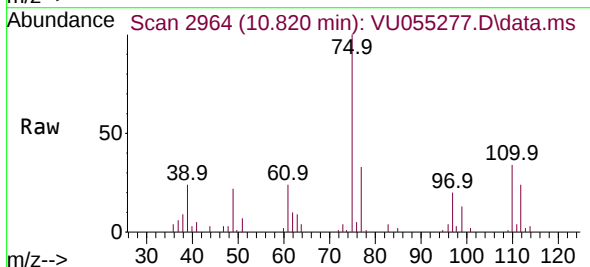
Instrument :
MSVOA_U
ClientSampleId :

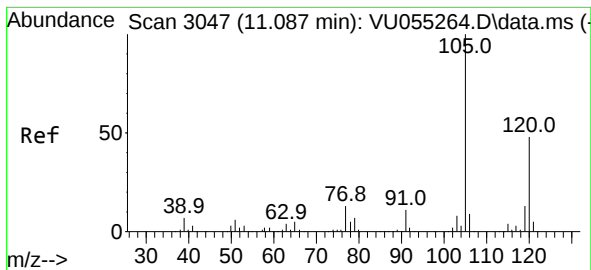
Tgt Ion:105 Resp: 250572
Ion Ratio Lower Upper
105 100
120 25.3 20.1 30.1
77 16.2 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.565 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. -0.000 min
Lab File: VU055277.D
Acq: 13 Sep 2023 11:25

Tgt Ion: 75 Resp: 35683
Ion Ratio Lower Upper
75 100
110 35.2 28.2 42.2
77 33.2 26.2 39.4

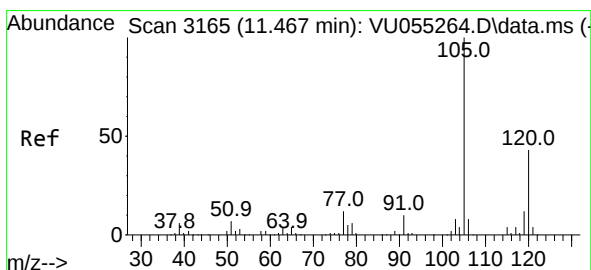
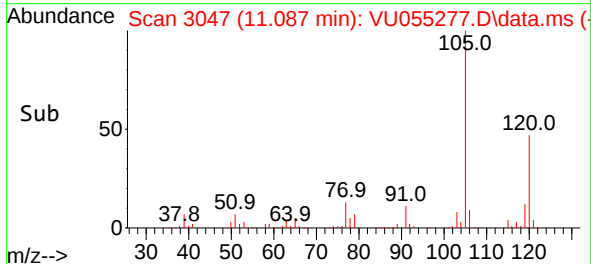
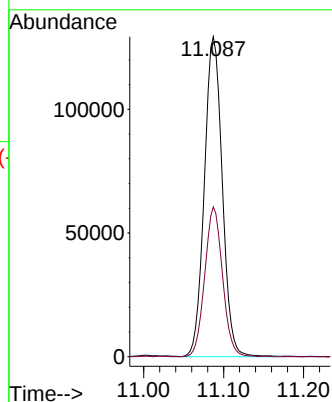
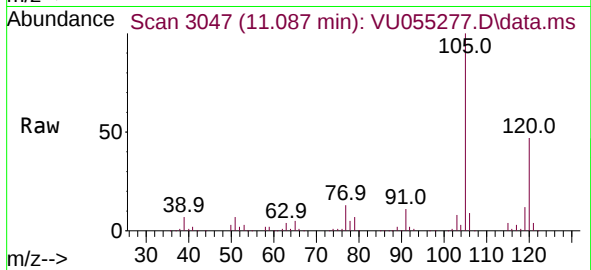




#62
1,3,5-Trimethylbenzene
Concen: 5.397 ug/L
RT: 11.087 min Scan# 3047
Delta R.T. -0.000 min
Lab File: VU055277.D
Acq: 13 Sep 2023 11:25

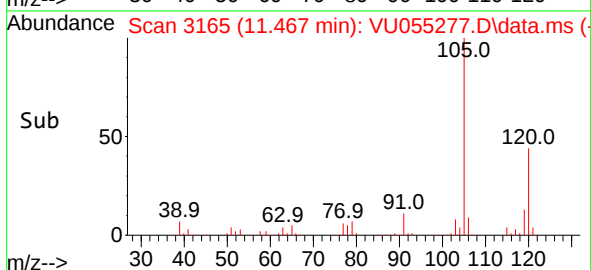
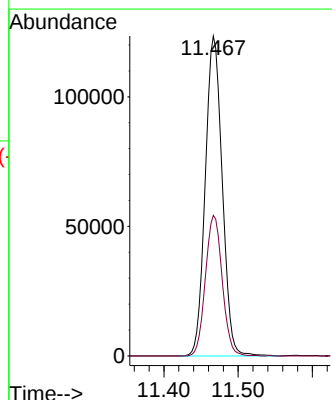
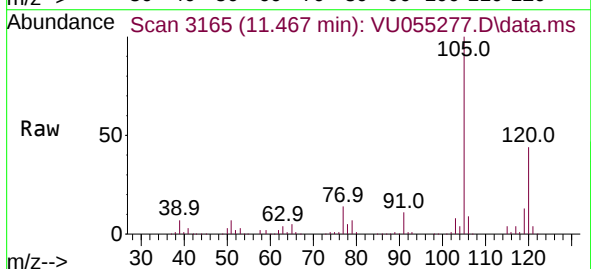
Instrument :
MSVOA_U
ClientSampleId :

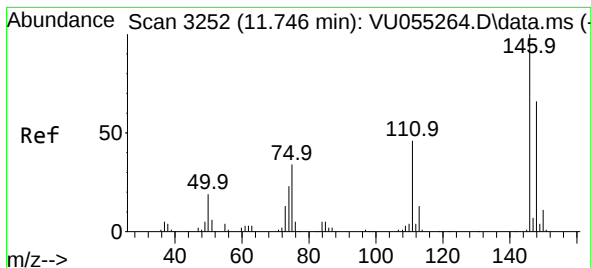
Tgt Ion:105 Resp: 202306
Ion Ratio Lower Upper
105 100
120 46.4 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 5.296 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VU055277.D
Acq: 13 Sep 2023 11:25

Tgt Ion:105 Resp: 195627
Ion Ratio Lower Upper
105 100
120 43.5 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.314 ug/L

RT: 11.746 min Scan# 3252

Delta R.T. -0.000 min

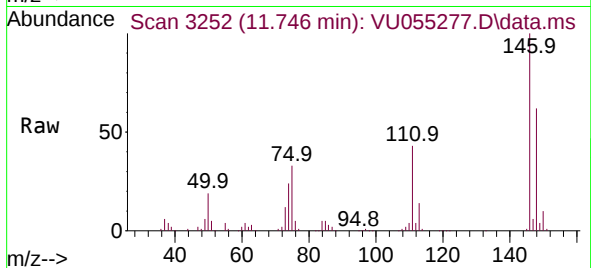
Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :



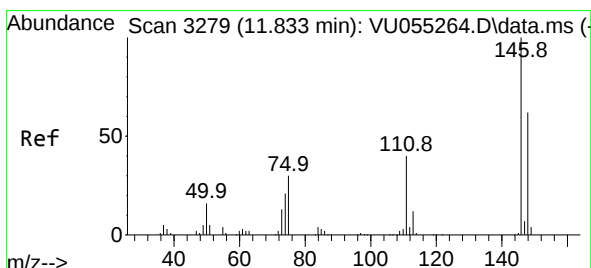
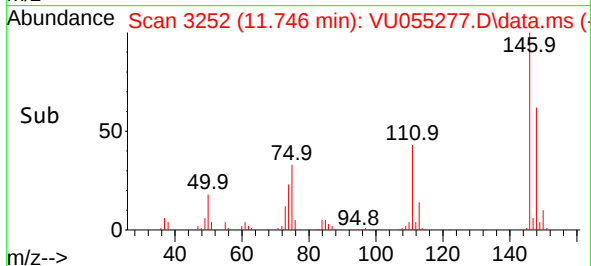
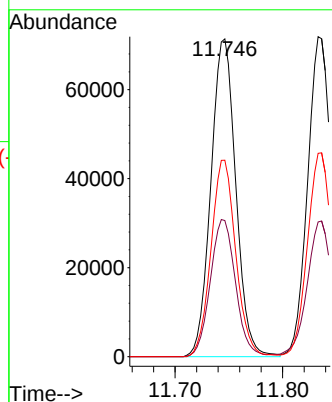
Tgt Ion:146 Resp: 114941

Ion Ratio Lower Upper

146 100

111 42.9 30.0 55.6

148 61.8 45.2 84.0



#65

1,4-Dichlorobenzene

Concen: 5.400 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. -0.000 min

Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

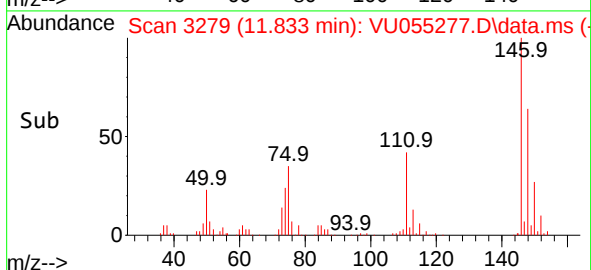
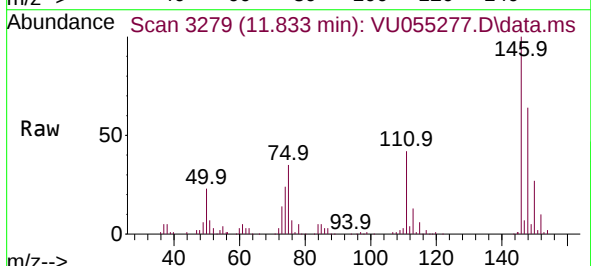
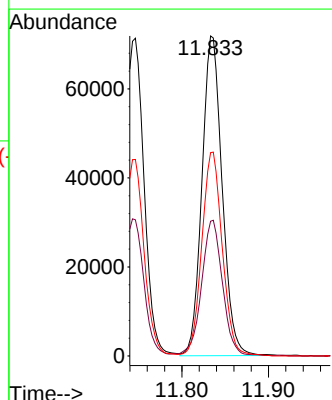
Tgt Ion:146 Resp: 116405

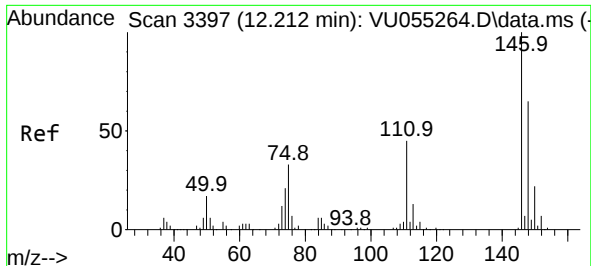
Ion Ratio Lower Upper

146 100

111 42.1 28.1 52.1

148 63.6 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 5.324 ug/L

RT: 12.212 min Scan# 31

Delta R.T. -0.000 min

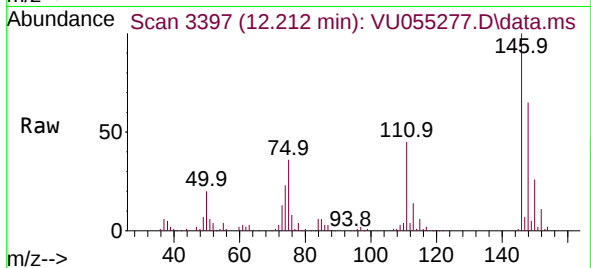
Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :



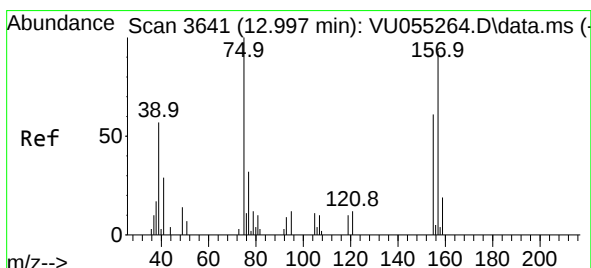
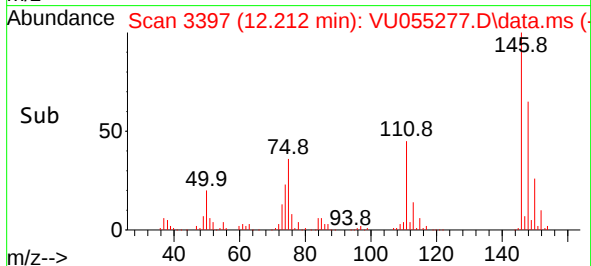
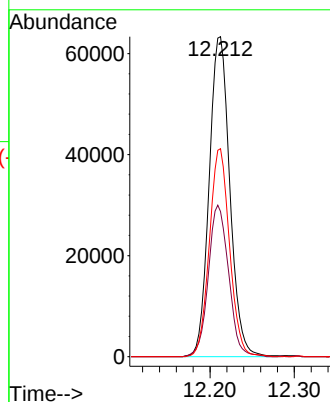
Tgt Ion:146 Resp: 107962

Ion Ratio Lower Upper

146 100

111 45.4 35.6 53.4

148 65.0 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.529 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.006 min

Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

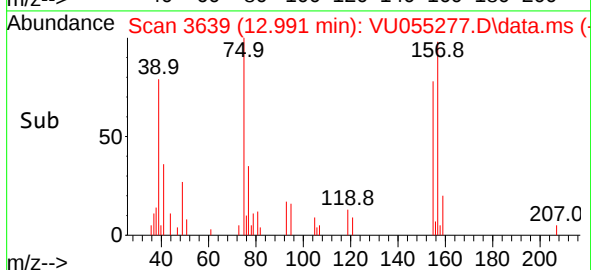
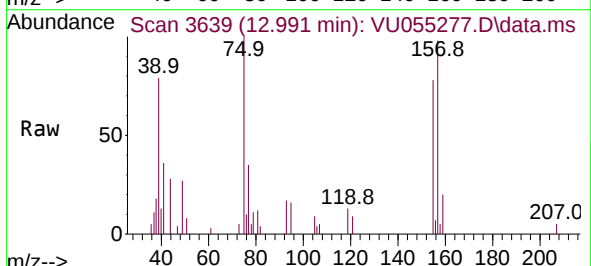
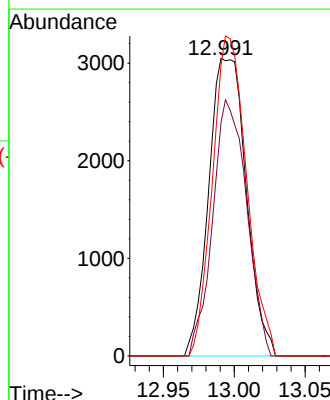
Tgt Ion: 75 Resp: 5595

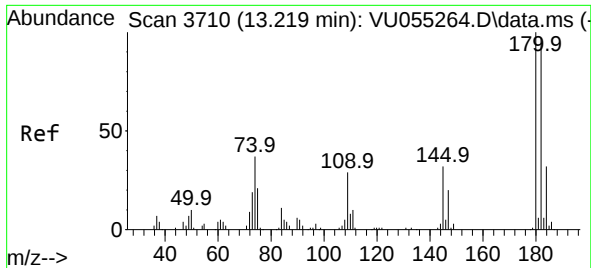
Ion Ratio Lower Upper

75 100

155 78.4 61.1 91.7

157 97.8 66.8 100.2





#69

1,3,5-Trichlorobenzene

Concen: 4.963 ug/L

RT: 13.219 min Scan# 3710

Delta R.T. -0.000 min

Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 81134

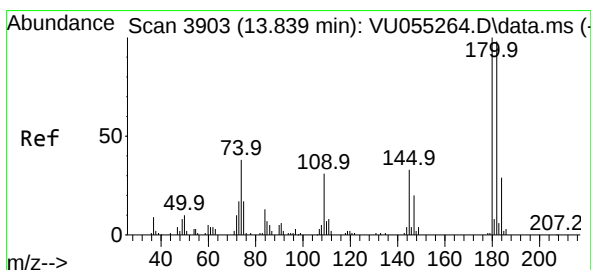
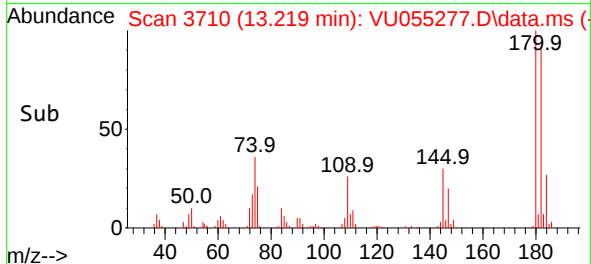
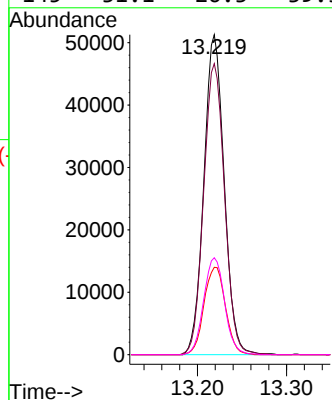
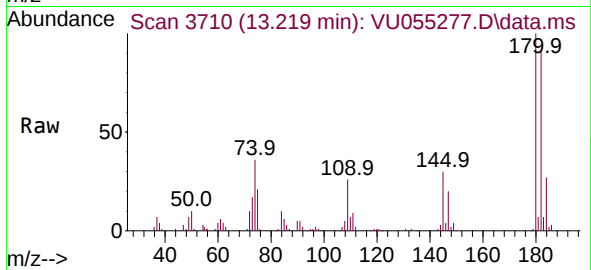
Ion Ratio Lower Upper

180 100

182 93.5 75.8 113.6

184 28.9 24.0 36.0

145 31.1 26.3 39.5



#70

1,2,4-trichlorobenzene

Concen: 4.102 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. -0.000 min

Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

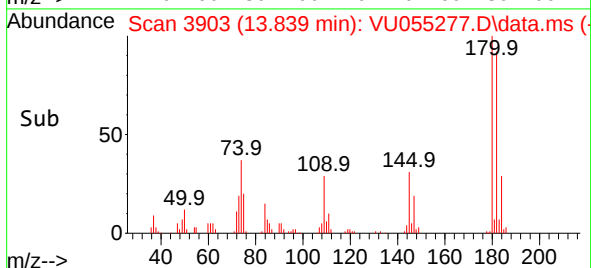
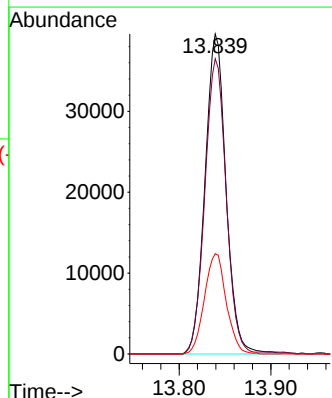
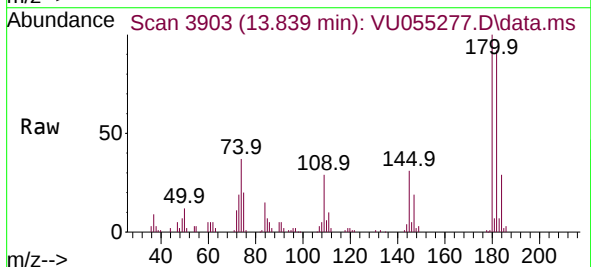
Tgt Ion:180 Resp: 62871

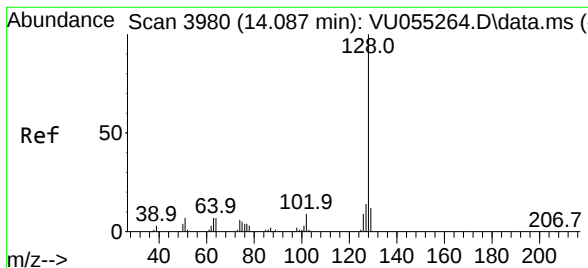
Ion Ratio Lower Upper

180 100

182 93.5 73.6 110.4

145 32.5 25.8 38.8





#71

Naphthalene

Concen: 3.607 ug/L

RT: 14.087 min Scan# 3980

Delta R.T. -0.000 min

Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

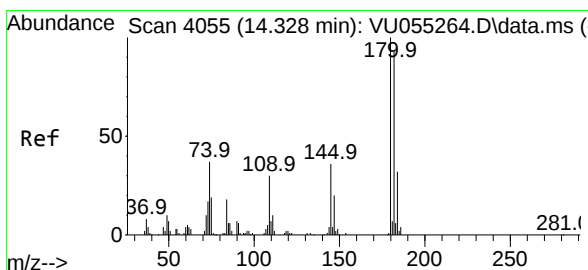
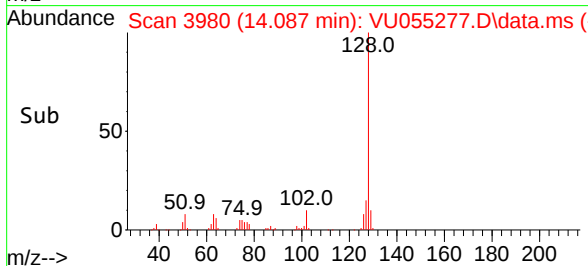
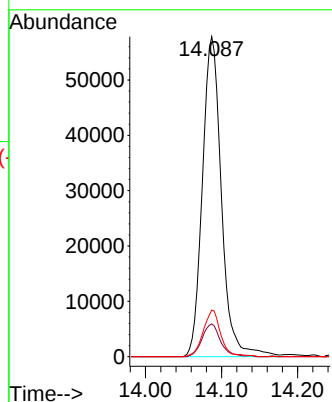
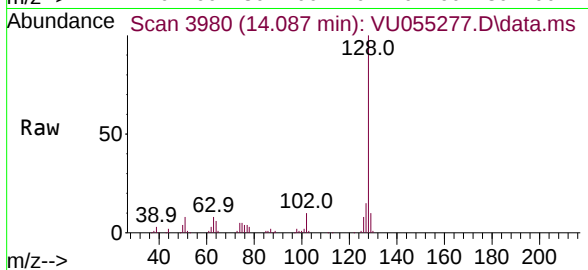
Tgt Ion:128 Resp: 100489

Ion Ratio Lower Upper

128 100

129 9.8 8.2 12.2

127 13.5 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 4.135 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. -0.000 min

Lab File: VU055277.D

Acq: 13 Sep 2023 11:25

Tgt Ion:180 Resp: 55014

Ion Ratio Lower Upper

180 100

182 95.5 75.6 113.4

145 35.3 27.0 40.6

