

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092723\
 Data File : VU055567.D
 Acq On : 27 Sep 2023 21:39
 Operator : MD/SY
 Sample : 04610-03MS 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 23:39:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	208191	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	217454	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	126924	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	86955	4.132	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.911	69	71639	3.863	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.563	65	33562	3.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.628	46	166627	43.842	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.680%
24) Chloroform-d	5.058	84	164138	4.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.698	65	76552	4.181	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	5.724	84	321476	4.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.689	67	96898	4.264	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.894	98	296879	4.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.177	79	34744	4.356	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.631	63	96398	39.738	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.480%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	78697	4.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	110039	4.295	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	86233	4.254	ug/L	100
3) Chloromethane	1.515	50	84605	4.745	ug/L	97
5) Vinyl chloride	1.602	62	98601	5.126	ug/L	98
6) Bromomethane	1.856	94	53369	4.368	ug/L	99
8) Chloroethane	1.933	64	57592	4.588	ug/L	97
9) Trichlorofluoromethane	2.136	101	130338	4.886	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	76065	4.686	ug/L	99
12) 1,1-Dichloroethene	2.576	96	66831	4.591	ug/L	94
13) Acetone	2.640	43	90235	41.651	ug/L	98
14) Carbon disulfide	2.792	76	209981	4.799	ug/L	98
15) Methyl Acetate	2.949	43	24843	5.030	ug/L	96
16) Methylene chloride	3.042	84	84819	4.864	ug/L	100
17) Methyl tert-butyl Ether	3.357	73	149174	4.724	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	70981	4.838	ug/L	97
19) 1,1-Dichloroethane	3.866	63	133235	4.911	ug/L	98
21) 2-Butanone	4.708	43	151447	47.662	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	81628	4.799	ug/L	97
23) Bromochloromethane	4.972	128	34855	4.848	ug/L	97
25) Chloroform	5.084	83	148160	5.157	ug/L	98

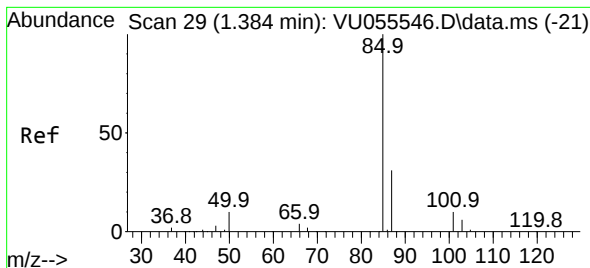
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092723\
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	80323	4.559	ug/L	# 94
29) 1,1,1-Trichloroethane	5.312	97	121305	4.893	ug/L	99
30) Cyclohexane	5.386	56	104286	4.596	ug/L	98
31) Carbon tetrachloride	5.521	117	104204	4.904	ug/L	98
33) Benzene	5.769	78	304121	4.859	ug/L	100
34) Trichloroethene	6.537	95	265954	15.022	ug/L	99
35) Methylcyclohexane	6.759	83	112665	4.418	ug/L	99
37) 1,2-Dichloropropane	6.788	63	77193	4.716	ug/L	100
38) Bromodichloromethane	7.103	83	95110	4.958	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	107798	4.934	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	361280	48.658	ug/L	99
42) Toluene	7.965	91	329411	4.934	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	85688	4.902	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	54228	4.725	ug/L	99
47) Tetrachloroethene	8.550	164	62255	4.902	ug/L	98
48) 2-Hexanone	8.682	43	275154	47.816	ug/L	97
49) Dibromochloromethane	8.804	129	62361	5.183	ug/L	96
50) 1,2-Dibromoethane	8.920	107	52444	4.924	ug/L	98
51) Chlorobenzene	9.444	112	204026	4.771	ug/L	99
52) Ethylbenzene	9.566	91	345055	4.821	ug/L	98
53) m,p-Xylene	9.692	106	133865	4.991	ug/L	95
54) o-Xylene	10.097	106	126181	4.839	ug/L	95
55) Styrene	10.113	104	211668	5.020	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	65533	5.058	ug/L	98
59) Bromoform	10.286	173	35155	5.168	ug/L	99
60) Isopropylbenzene	10.479	105	342880	4.687	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	48215	4.866	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	268648	4.592	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	263122	4.595	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	171689	4.902	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	171157	4.890	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	155229	4.834	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	8870	5.165	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	117345	4.865	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	88241	4.799	ug/L	99
71) Naphthalene	14.084	128	127916	4.805	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	77382	4.836	ug/L	97

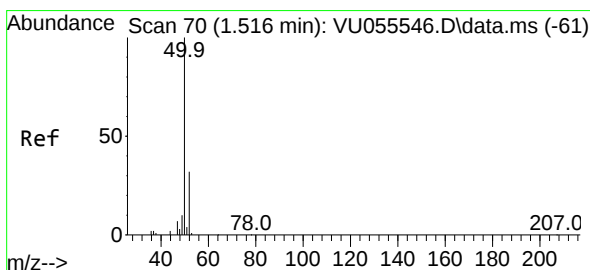
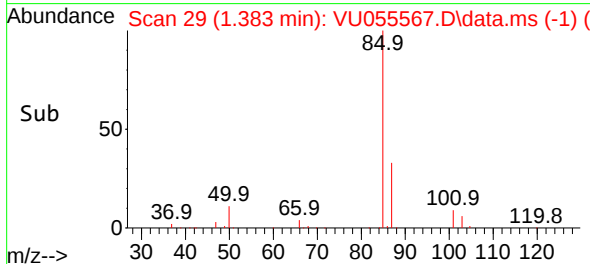
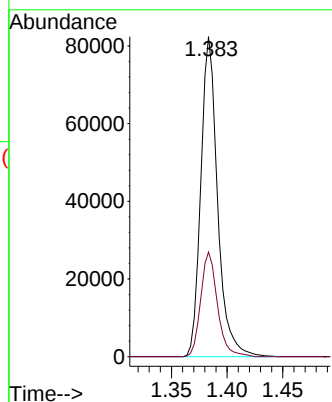
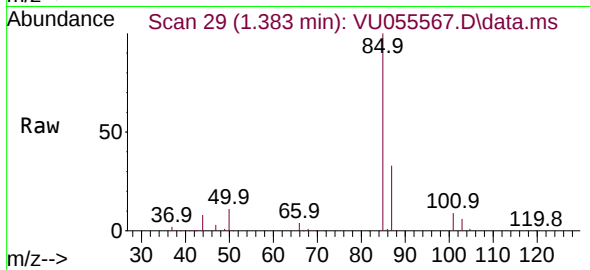
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#2
 Dichlorodifluoromethane
 Concen: 4.254 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055567.D
 Acq: 27 Sep 2023 21:39

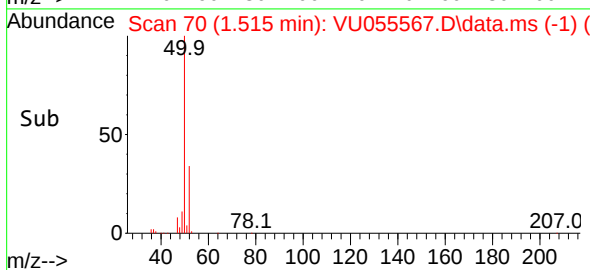
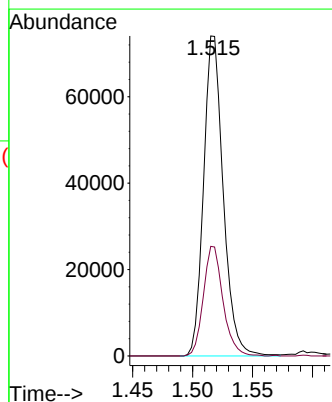
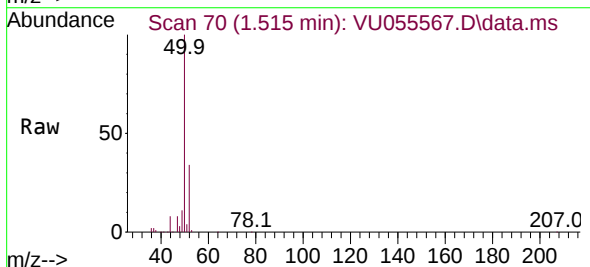
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 MSVOA_U
 ClientSampleId :

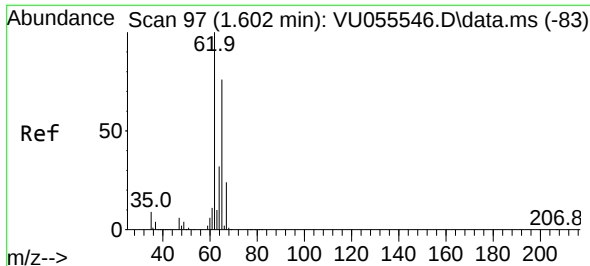
Tgt Ion: 85 Resp: 86233
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.0 39.0



#3
 Chloromethane
 Concen: 4.745 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU055567.D
 Acq: 27 Sep 2023 21:39

Tgt Ion: 50 Resp: 84605
 Ion Ratio Lower Upper
 50 100
 52 34.3 22.9 42.5

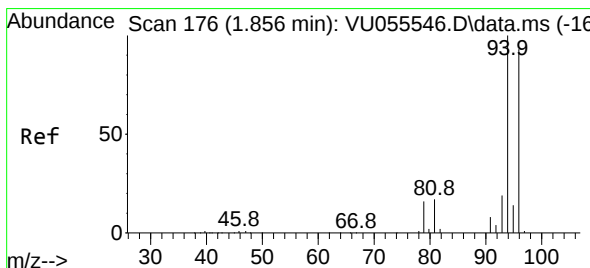
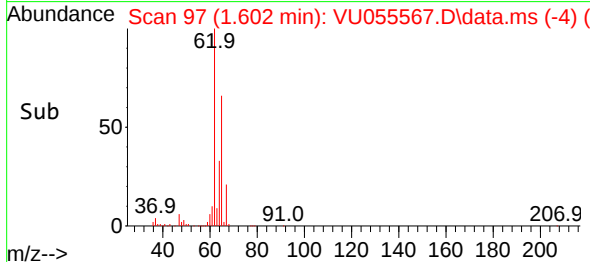
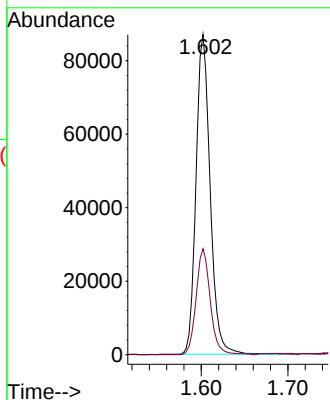
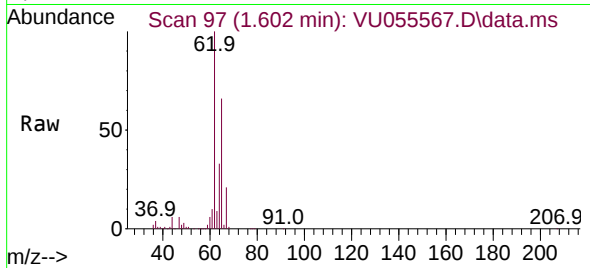




#5
 Vinyl chloride
 Concen: 5.126 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055567.D
 Acq: 27 Sep 2023 21:39

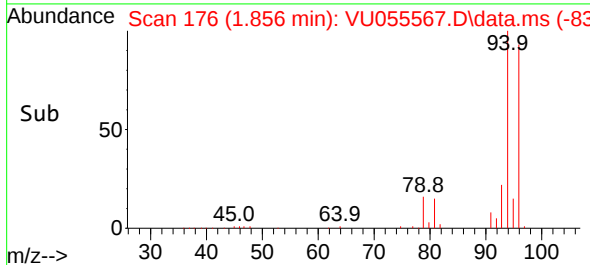
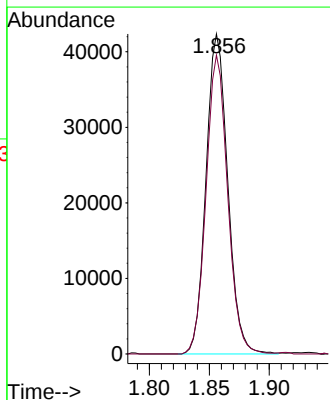
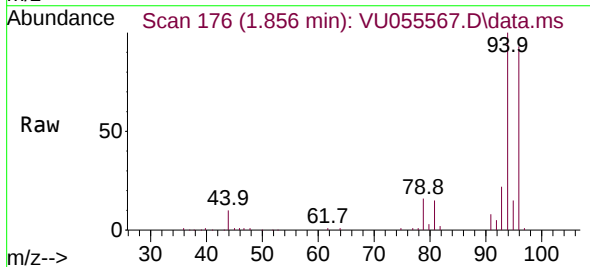
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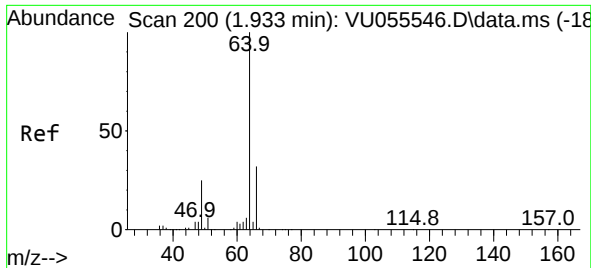
Tgt Ion: 62 Resp: 98601
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.3 41.5



#6
 Bromomethane
 Concen: 4.368 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU055567.D
 Acq: 27 Sep 2023 21:39

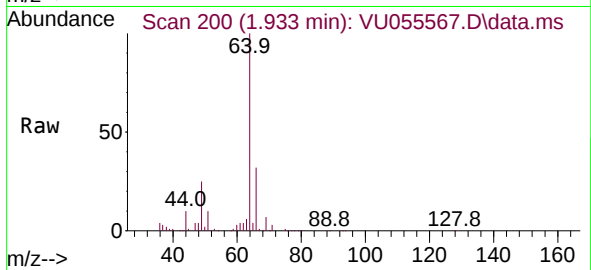
Tgt Ion: 94 Resp: 53369
 Ion Ratio Lower Upper
 94 100
 96 93.4 66.4 123.2



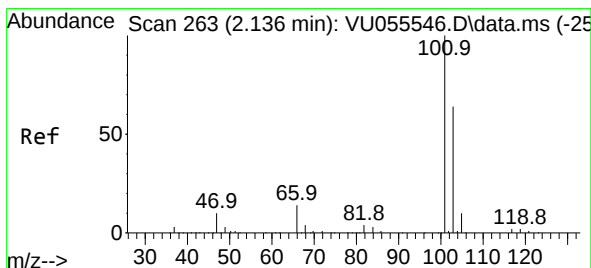
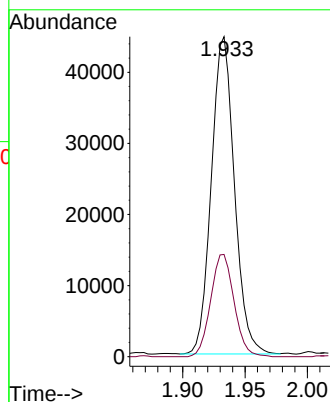
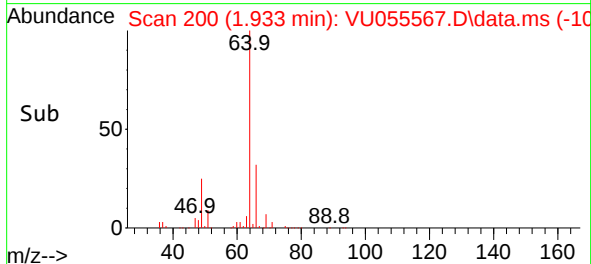


#8
Chloroethane
Concen: 4.588 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU055567.D
Acq: 27 Sep 2023 21:39

Instrument :
MSVOA_U
ClientSampleId :

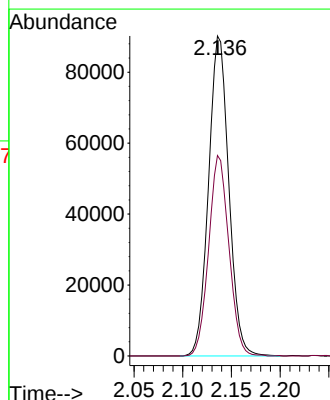
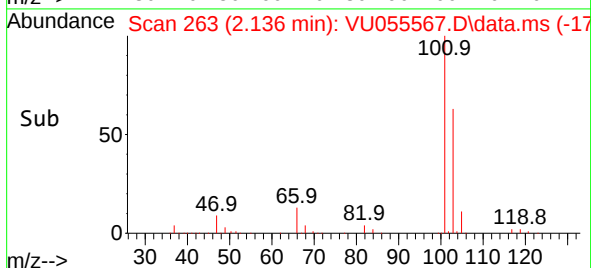
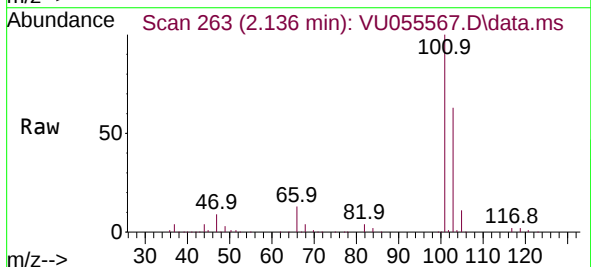


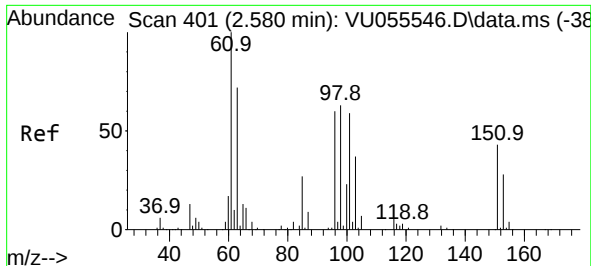
Tgt Ion: 64 Resp: 57592
Ion Ratio Lower Upper
64 100
66 32.0 23.7 44.1



#9
Trichlorofluoromethane
Concen: 4.886 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU055567.D
Acq: 27 Sep 2023 21:39

Tgt Ion: 101 Resp: 130338
Ion Ratio Lower Upper
101 100
103 62.6 52.0 78.0

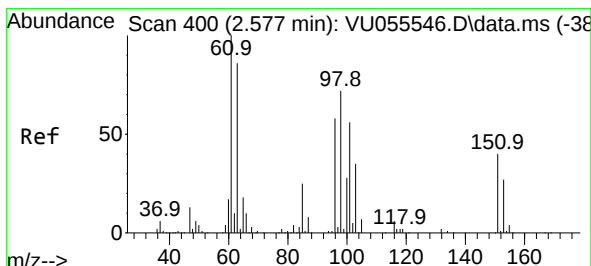
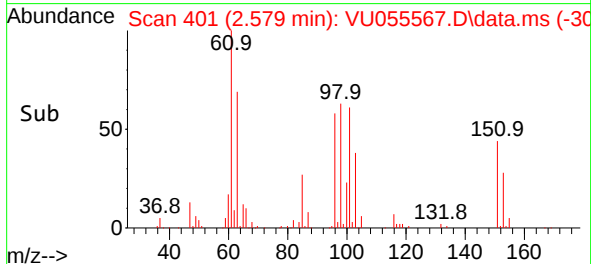
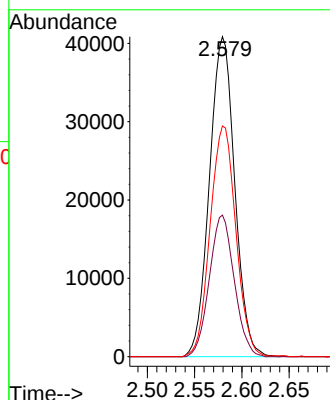
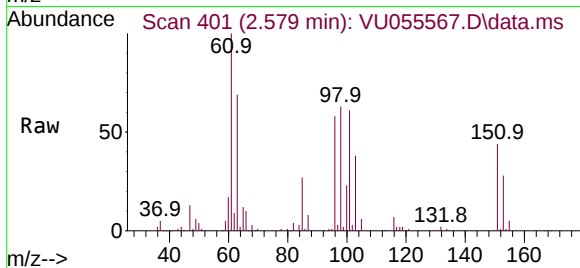




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.686 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU055567.D
 Acq: 27 Sep 2023 21:39

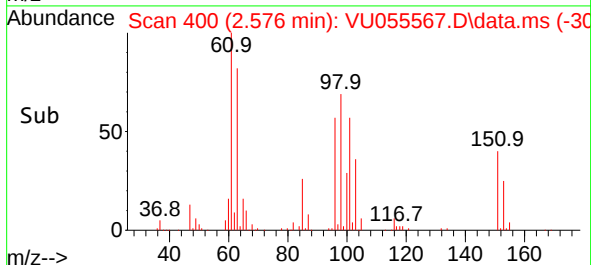
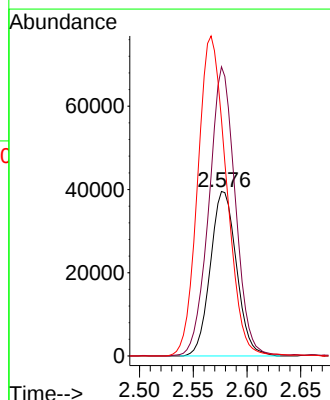
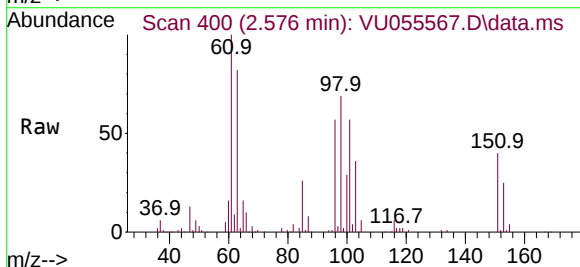
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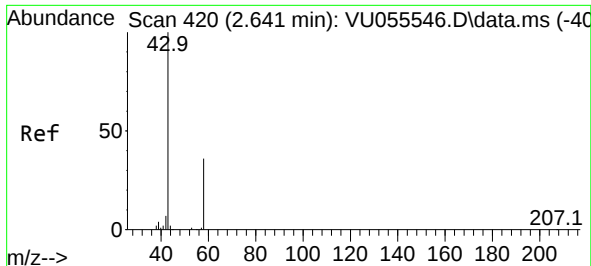
Tgt Ion:101 Resp: 76065
 Ion Ratio Lower Upper
 101 100
 85 43.4 35.8 53.6
 151 73.4 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 4.591 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055567.D
 Acq: 27 Sep 2023 21:39

Tgt Ion: 96 Resp: 66831
 Ion Ratio Lower Upper
 96 100
 61 175.8 114.5 212.7
 63 143.5 98.3 182.5





#13

Acetone

Concen: 41.651 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU055567.D

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Instrument :

MSVOA_U

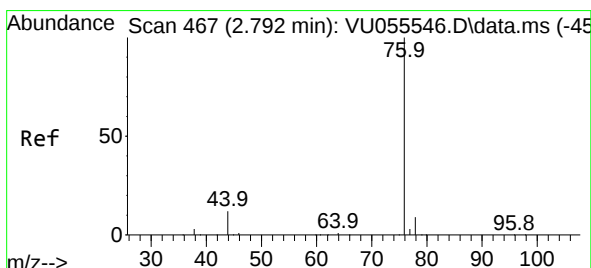
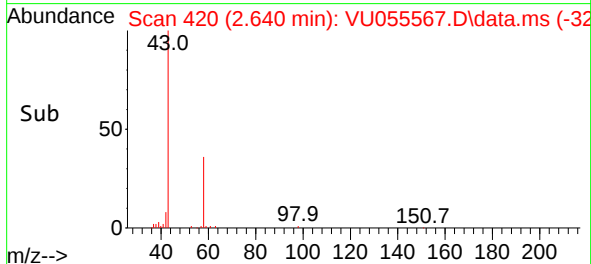
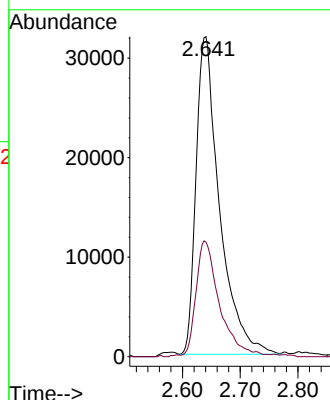
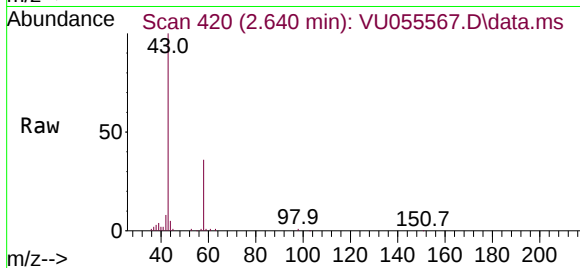
ClientSampleId :

Tgt Ion: 43 Resp: 90235

Ion Ratio Lower Upper

43 100

58 35.1 0.0 72.2



#14

Carbon disulfide

Concen: 4.799 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU055567.D

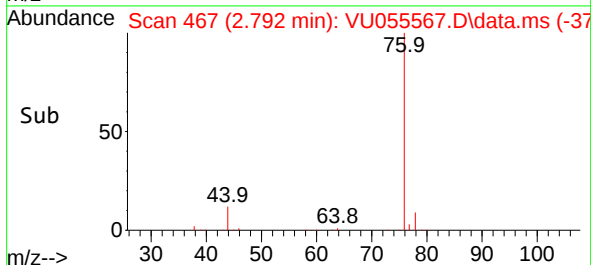
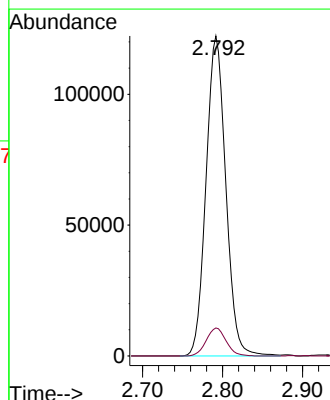
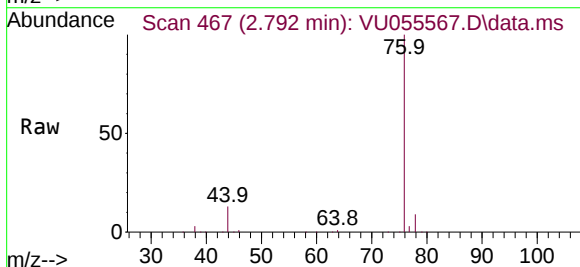
Acq: 27 Sep 2023 21:39

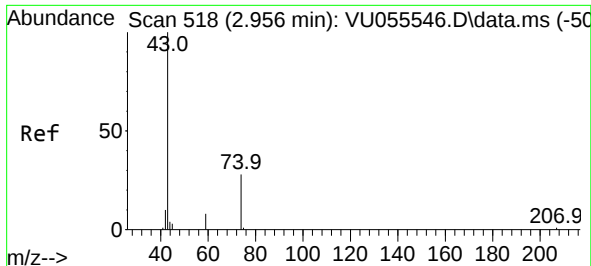
Tgt Ion: 76 Resp: 209981

Ion Ratio Lower Upper

76 100

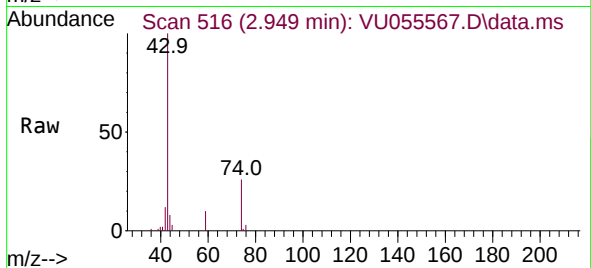
78 8.7 7.7 11.5



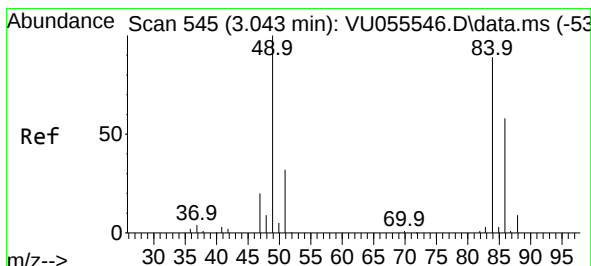
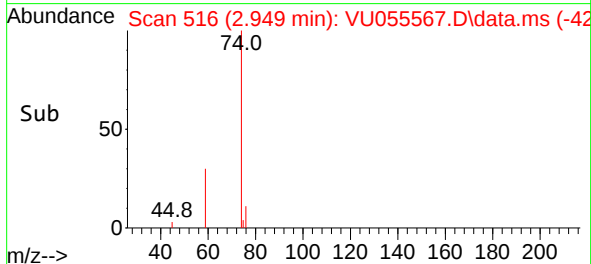
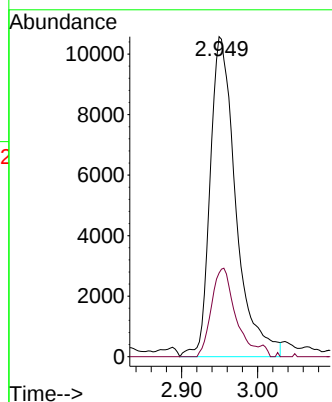


#15
Methyl Acetate
Concen: 5.030 ug/L
RT: 2.949 min Scan# 518
Delta R.T. -0.007 min
Lab File: VU055567.D
Acq: 27 Sep 2023 21:39

Instrument :
MSVOA_U
ClientSampleId :

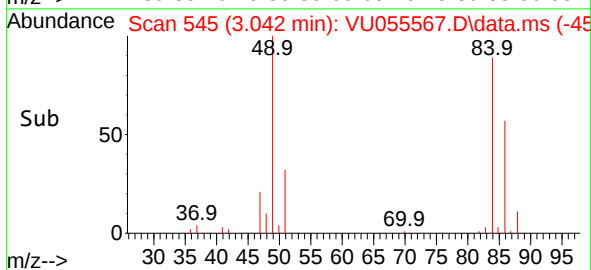
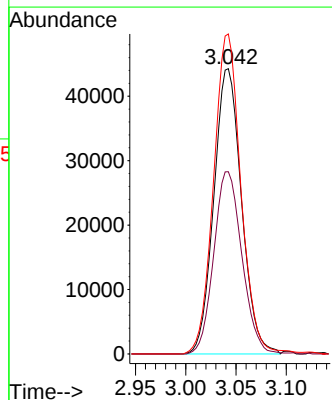
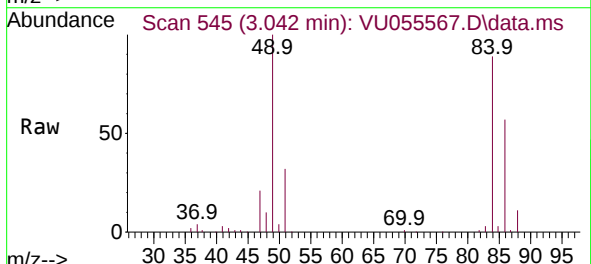


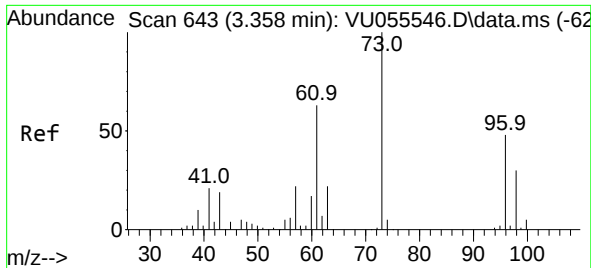
Tgt Ion: 43 Resp: 24843
Ion Ratio Lower Upper
43 100
74 25.6 22.3 33.5



#16
Methylene chloride
Concen: 4.864 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU055567.D
Acq: 27 Sep 2023 21:39

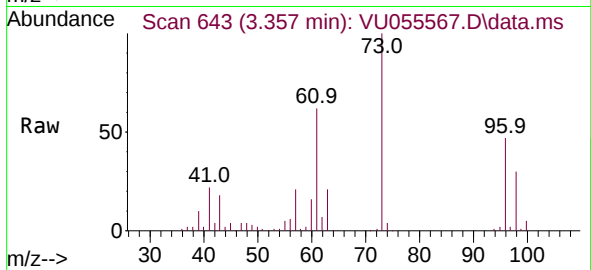
Tgt Ion: 84 Resp: 84819
Ion Ratio Lower Upper
84 100
86 63.9 44.9 83.3
49 112.2 78.8 146.3



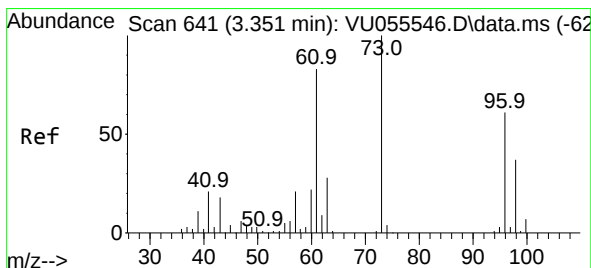
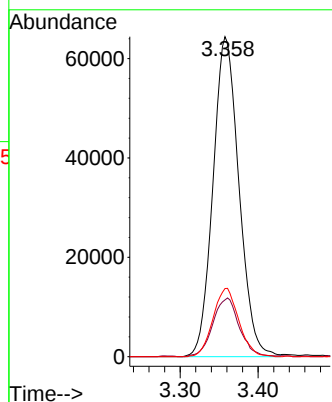
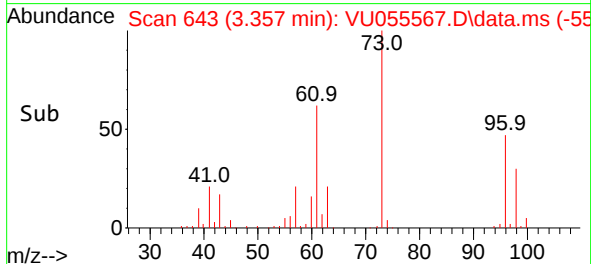


#17
Methyl tert-butyl Ether
Concen: 4.724 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU055567.D
Acq: 27 Sep 2023 21:39

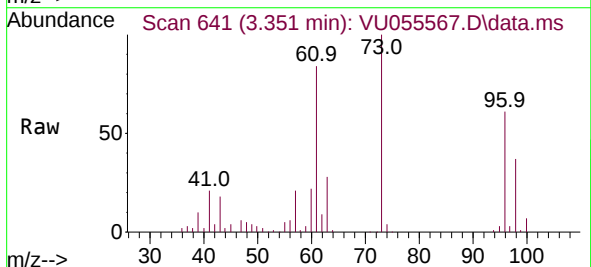
Instrument :
MSVOA_U
ClientSampleId :



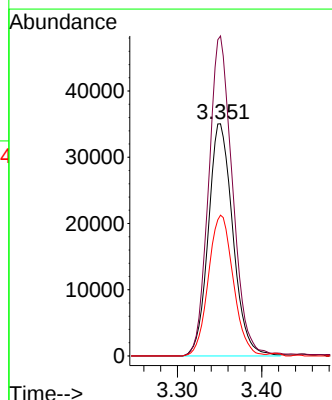
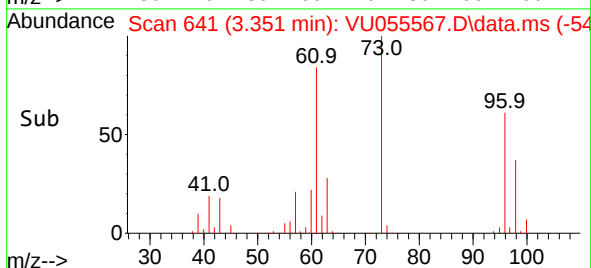
Tgt Ion: 73 Resp: 149174
Ion Ratio Lower Upper
73 100
43 18.7 14.9 22.3
57 21.1 17.3 25.9

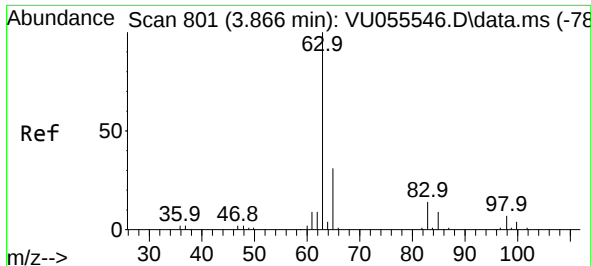


#18
trans-1,2-Dichloroethene
Concen: 4.838 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU055567.D
Acq: 27 Sep 2023 21:39



Tgt Ion: 96 Resp: 70981
Ion Ratio Lower Upper
96 100
61 137.9 94.6 175.6
98 60.6 45.7 84.9





#19

1,1-Dichloroethane

Concen: 4.911 ug/L

RT: 3.866 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU055567.D

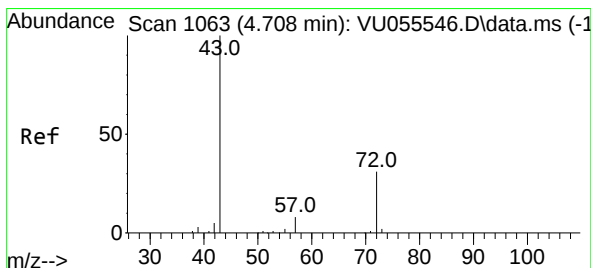
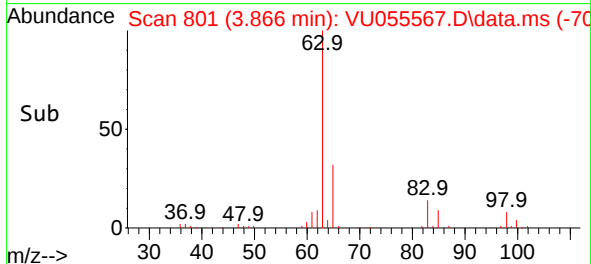
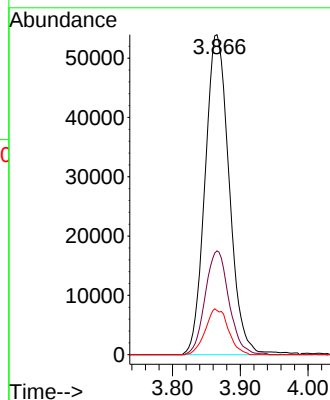
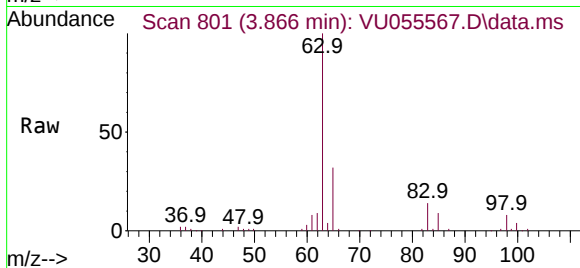
Acq: 27 Sep 2023 21:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	133235
Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.0	41.0
83	13.8	10.1	18.9



#21

2-Butanone

Concen: 47.662 ug/L

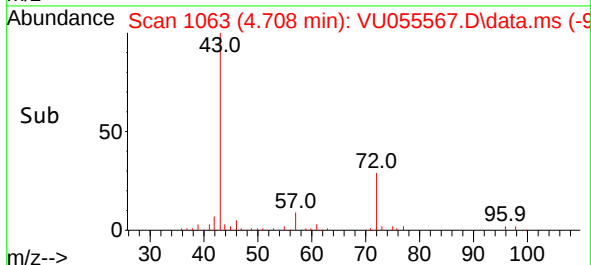
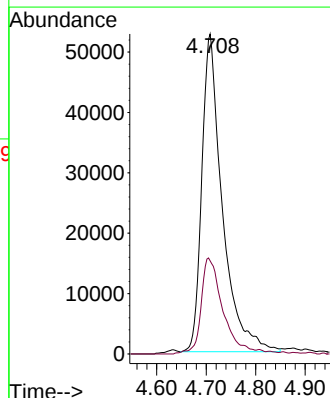
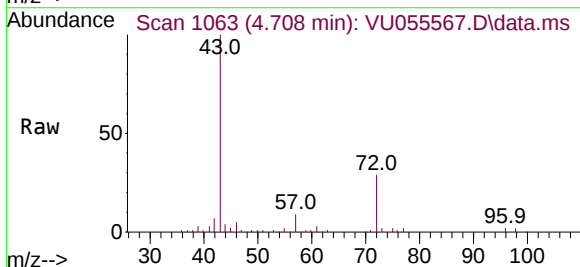
RT: 4.708 min Scan# 1063

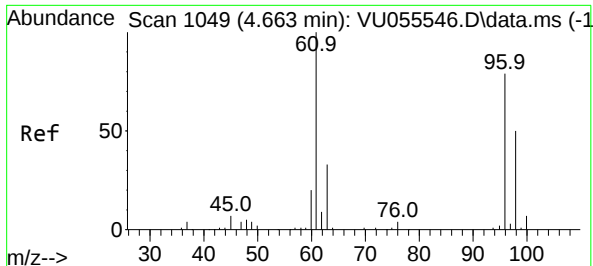
Delta R.T. -0.000 min

Lab File: VU055567.D

Acq: 27 Sep 2023 21:39

Tgt Ion:	43	Resp:	151447
Ion	Ratio	Lower	Upper
43	100		
72	31.6	15.1	45.3





#22

cis-1,2-Dichloroethene

Concen: 4.799 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VU055567.D

Acq: 27 Sep 2023 21:39

Instrument :

MSVOA_U

ClientSampleId :

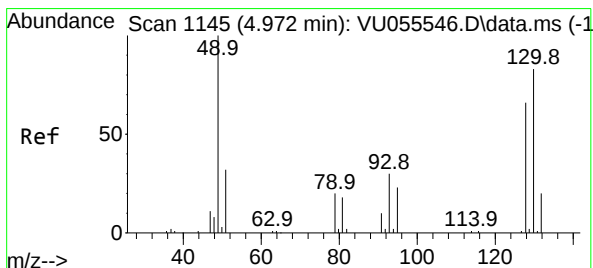
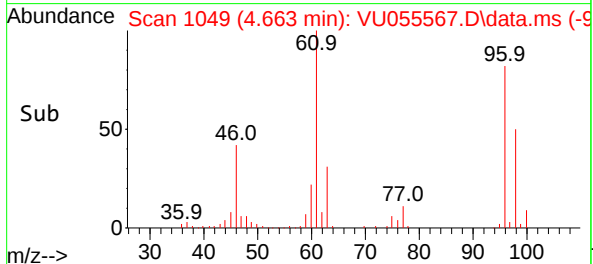
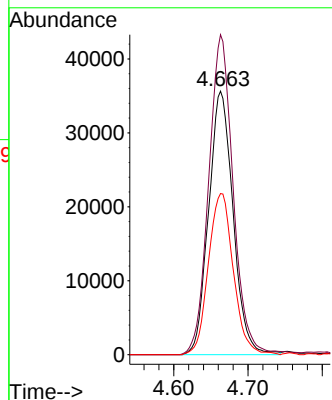
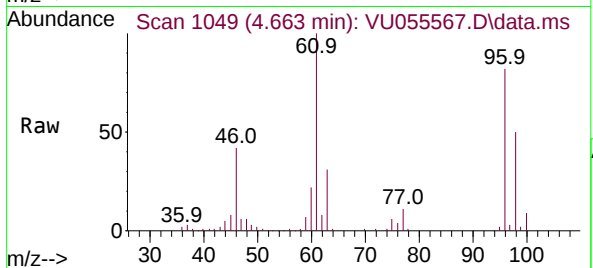
Tgt Ion: 96 Resp: 81628

Ion Ratio Lower Upper

96 100

61 121.5 87.8 163.2

98 61.1 44.4 82.4



#23

Bromochloromethane

Concen: 4.848 ug/L

RT: 4.972 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VU055567.D

Acq: 27 Sep 2023 21:39

Tgt Ion: 128 Resp: 34855

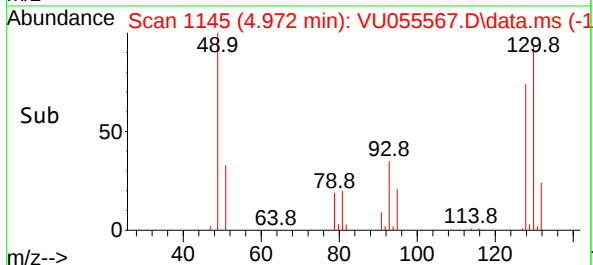
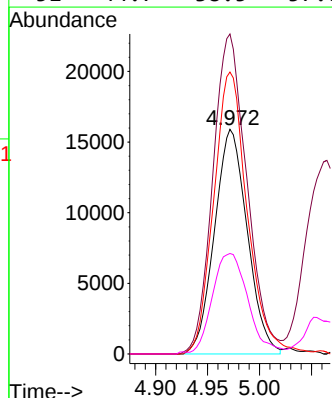
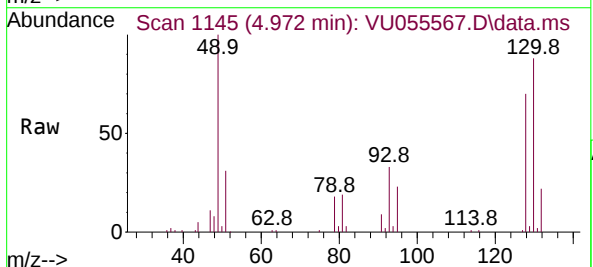
Ion Ratio Lower Upper

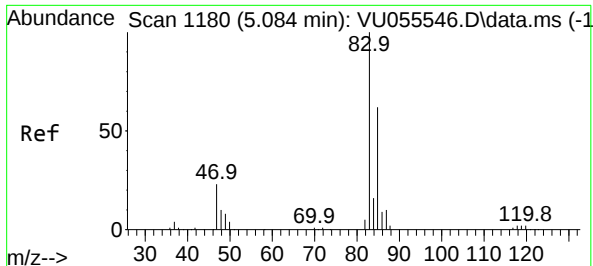
128 100

49 142.5 102.8 191.0

130 125.5 89.9 166.9

51 44.7 38.5 57.7





#25

Chloroform

Concen: 5.157 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055567.D

Acq: 27 Sep 2023 21:39

Instrument :

MSVOA_U

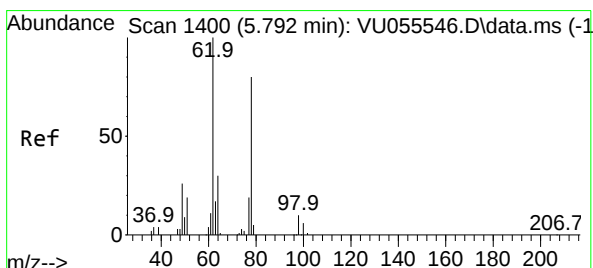
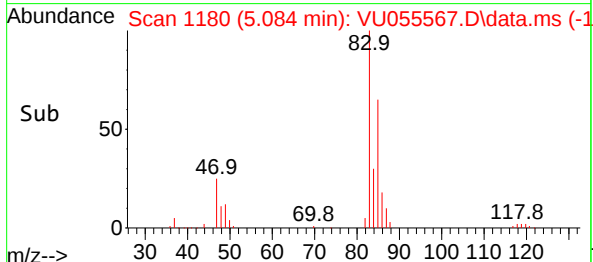
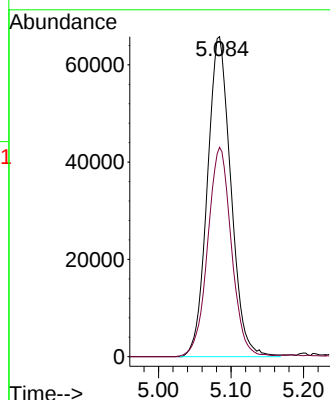
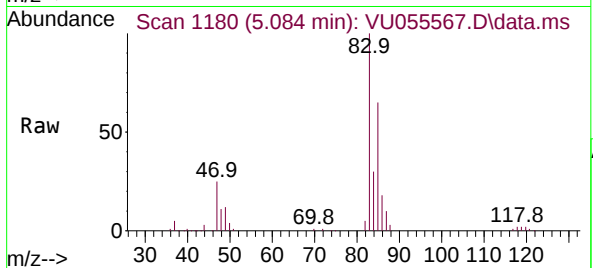
ClientSampleId :

Tgt Ion: 83 Resp: 148160

Ion Ratio Lower Upper

83 100

85 65.5 44.9 83.5



#27

1,2-Dichloroethane

Concen: 4.559 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU055567.D

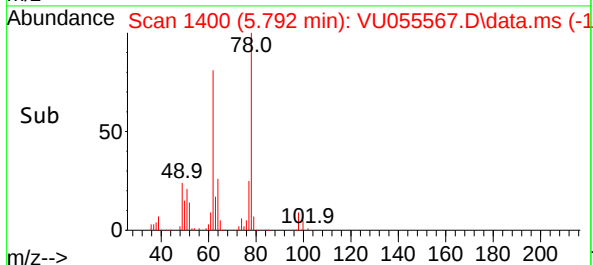
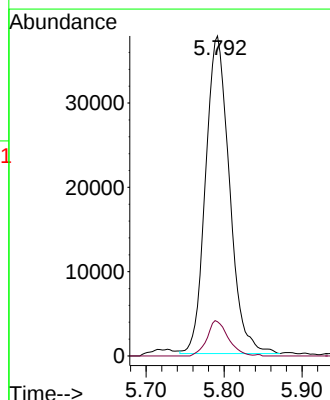
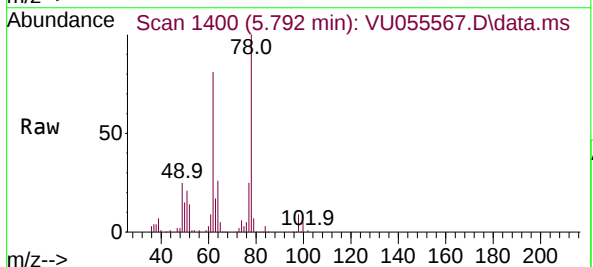
Acq: 27 Sep 2023 21:39

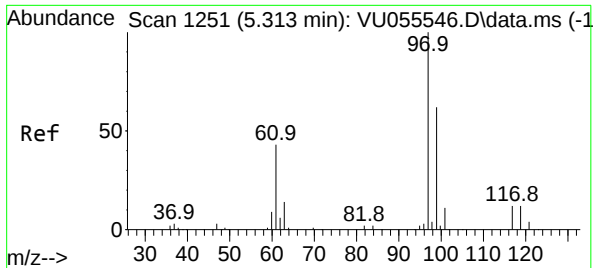
Tgt Ion: 62 Resp: 80323

Ion Ratio Lower Upper

62 100

98 10.7 7.0 10.4#





#29

1,1,1-Trichloroethane

Concen: 4.893 ug/L

RT: 5.312 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VU055567.D

Acq: 27 Sep 2023 21:39

Instrument :

MSVOA_U

ClientSampleId :

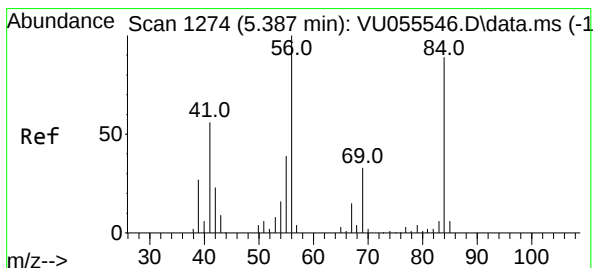
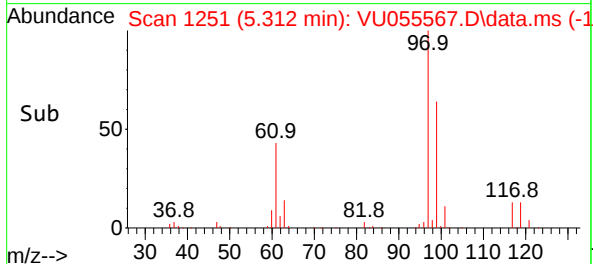
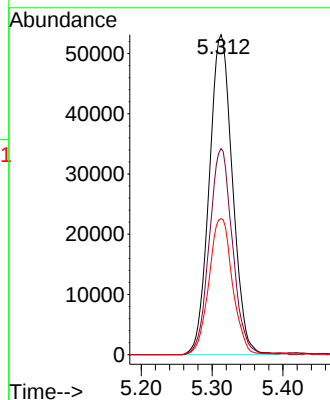
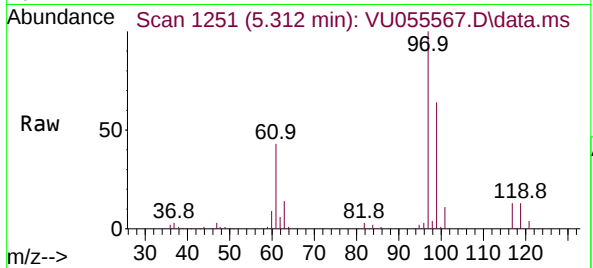
Tgt Ion: 97 Resp: 121305

Ion Ratio Lower Upper

97 100

99 64.0 50.7 76.1

61 43.1 34.6 51.8



#30

Cyclohexane

Concen: 4.596 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VU055567.D

Acq: 27 Sep 2023 21:39

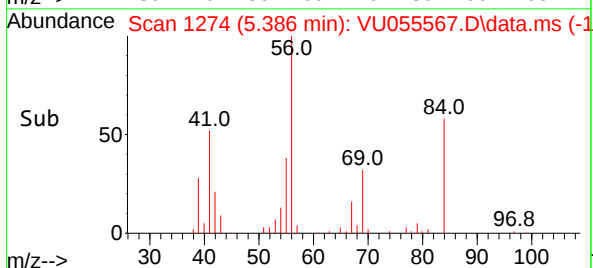
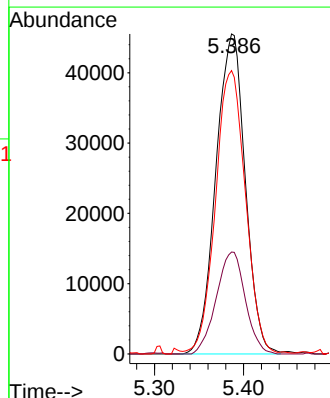
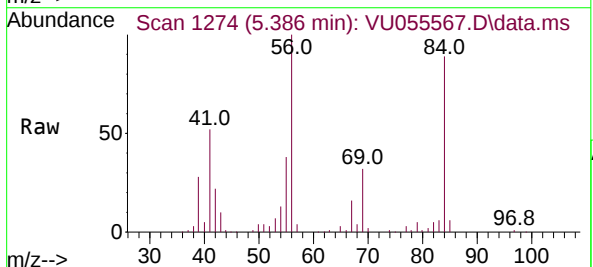
Tgt Ion: 56 Resp: 104286

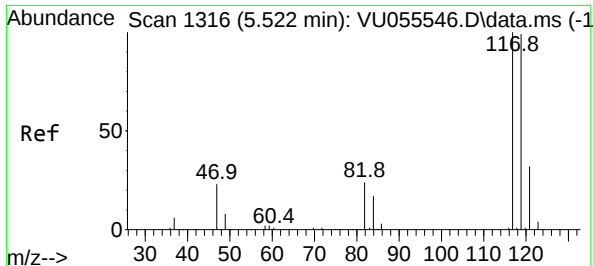
Ion Ratio Lower Upper

56 100

69 31.4 26.5 39.7

84 88.8 72.6 108.8

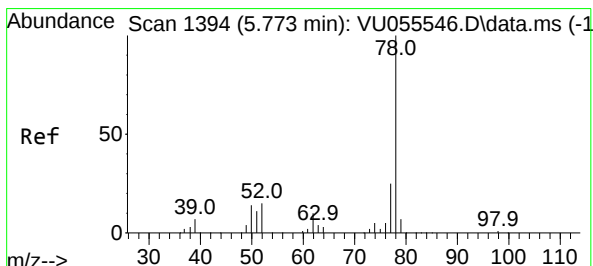
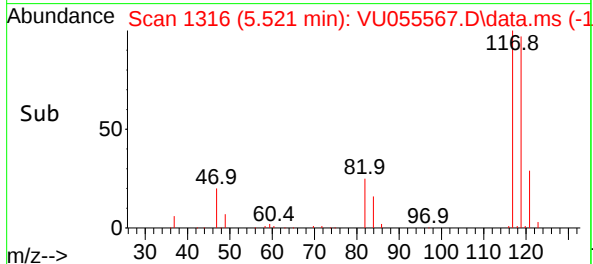
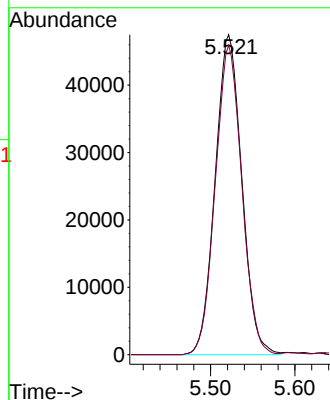
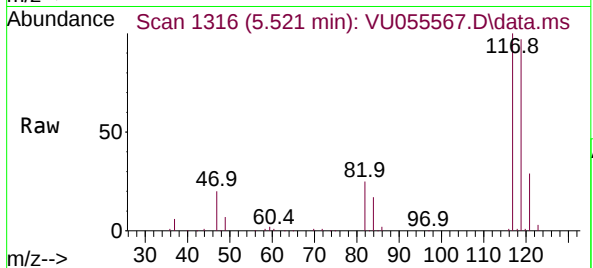




#31
Carbon tetrachloride
Concen: 4.904 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU055567.D
Acq: 27 Sep 2023 21:39

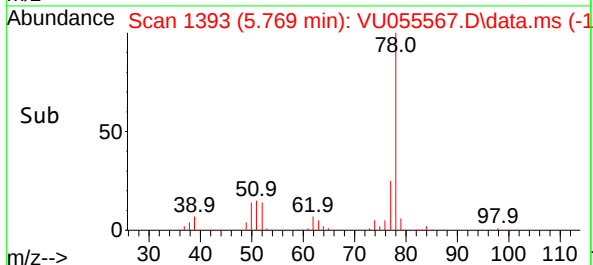
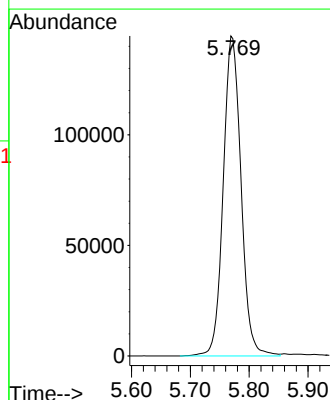
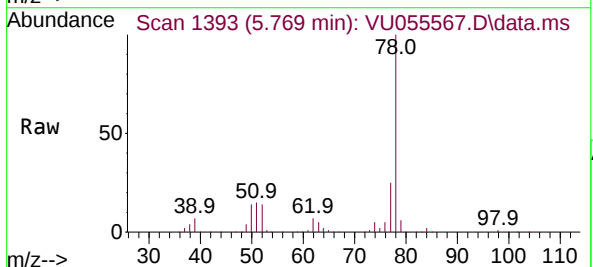
Instrument :
MSVOA_U
ClientSampleId :

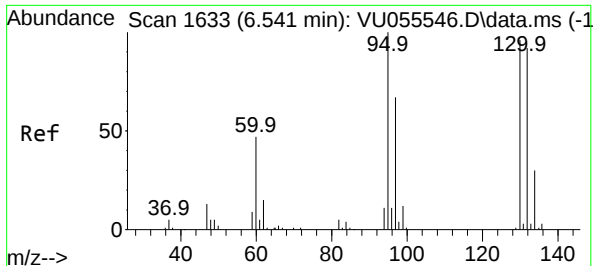
Tgt Ion:117 Resp: 104204
Ion Ratio Lower Upper
117 100
119 96.3 75.2 112.8



#33
Benzene
Concen: 4.859 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.004 min
Lab File: VU055567.D
Acq: 27 Sep 2023 21:39

Tgt Ion: 78 Resp: 304121

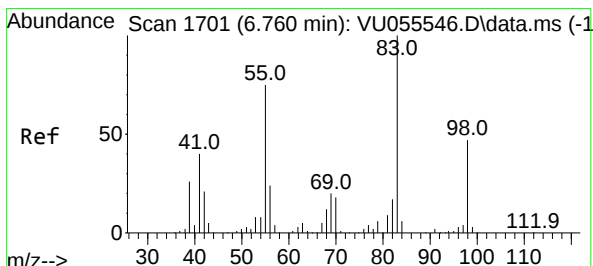
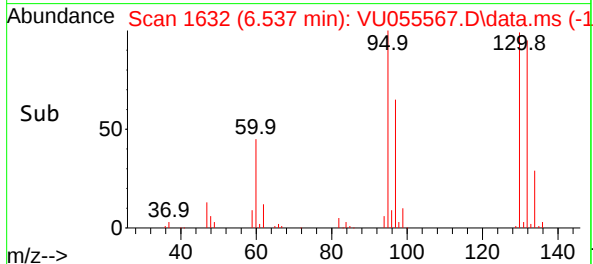
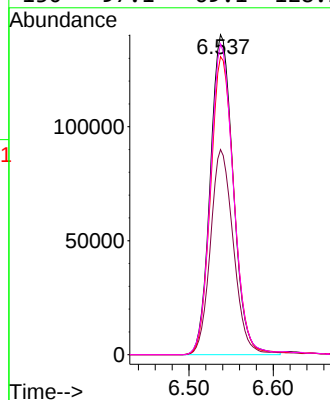
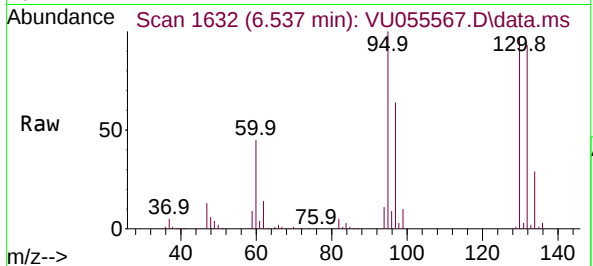




#34
Trichloroethene
Concen: 15.022 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.004 min
Lab File: VU055567.D
Acq: 27 Sep 2023 21:39

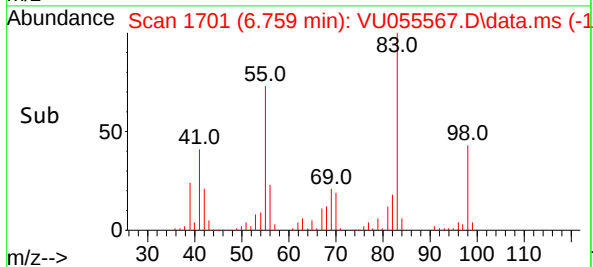
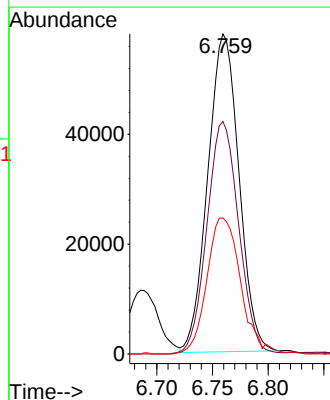
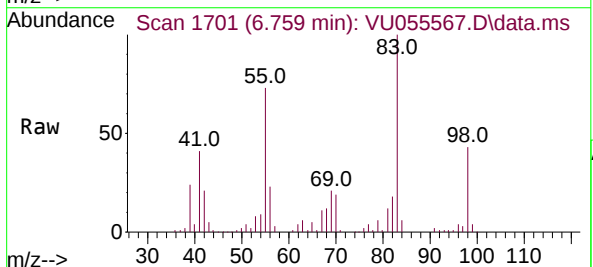
Instrument :
MSVOA_U
ClientSampleId :

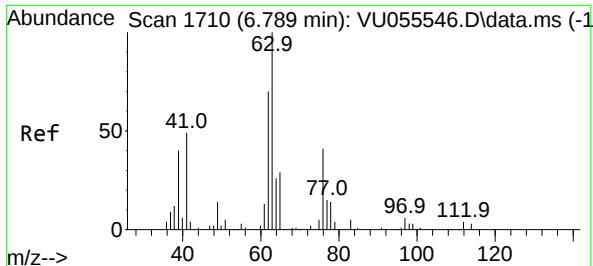
Tgt Ion: 95 Resp: 265954
Ion Ratio Lower Upper
95 100
97 64.1 45.4 84.2
132 93.1 65.2 121.2
130 97.1 69.1 128.3



#35
Methylcyclohexane
Concen: 4.418 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU055567.D
Acq: 27 Sep 2023 21:39

Tgt Ion: 83 Resp: 112665
Ion Ratio Lower Upper
83 100
55 74.5 59.1 88.7
98 46.5 36.3 54.5





#37

1,2-Dichloropropane

Concen: 4.716 ug/L

RT: 6.788 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055567.D

Acq: 27 Sep 2023 21:39

Instrument :

MSVOA_U

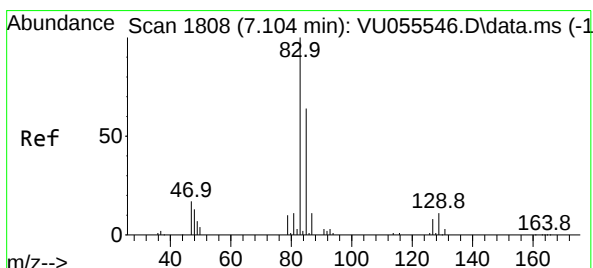
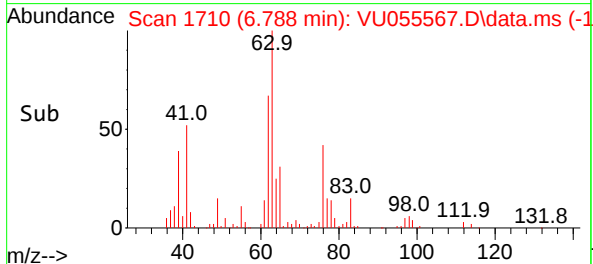
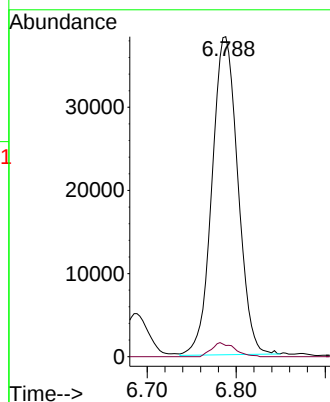
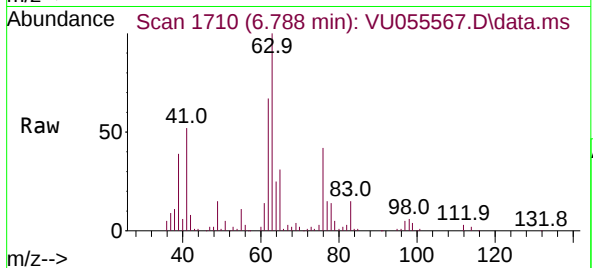
ClientSampleId :

Tgt Ion: 63 Resp: 77193

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.6



#38

Bromodichloromethane

Concen: 4.958 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VU055567.D

Acq: 27 Sep 2023 21:39

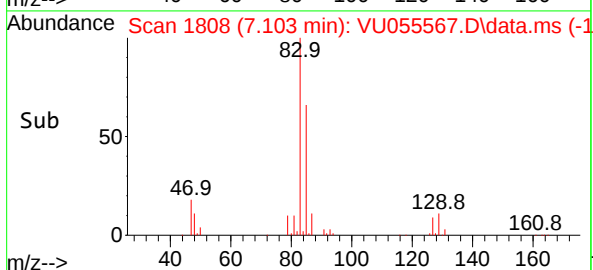
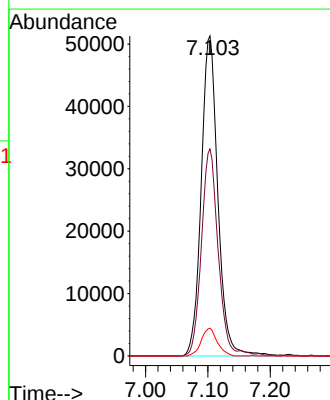
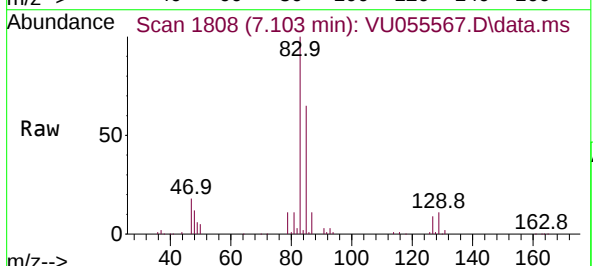
Tgt Ion: 83 Resp: 95110

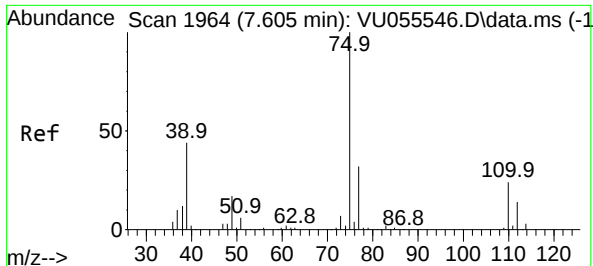
Ion Ratio Lower Upper

83 100

85 64.7 46.8 86.8

127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.934 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU055567.D

Acq: 27 Sep 2023 21:39

Instrument :

MSVOA_U

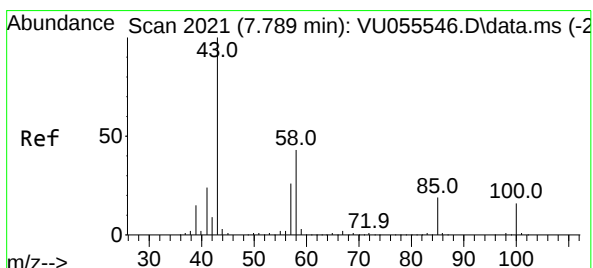
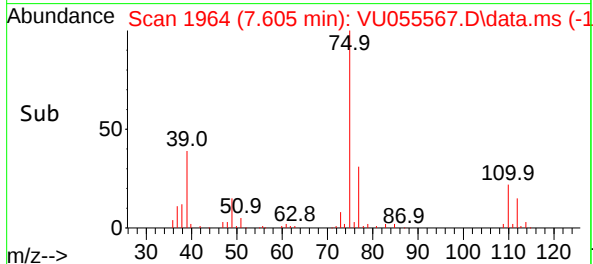
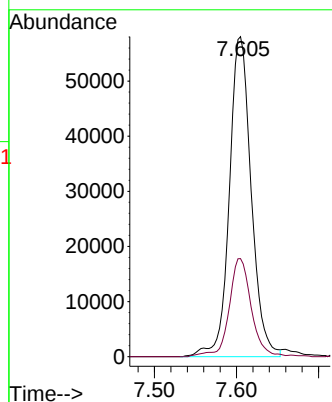
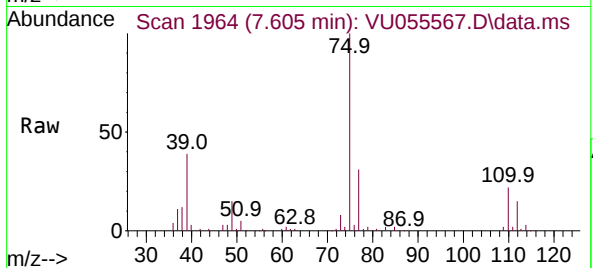
ClientSampleId :

Tgt Ion: 75 Resp: 107798

Ion Ratio Lower Upper

75 100

77 30.6 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 48.658 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.004 min

Lab File: VU055567.D

Acq: 27 Sep 2023 21:39

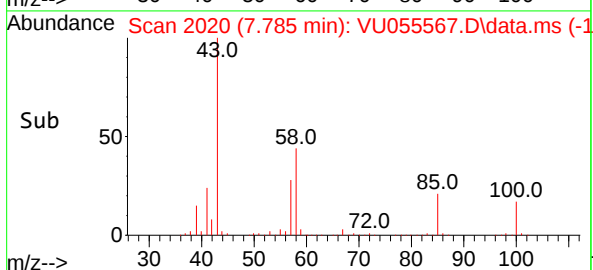
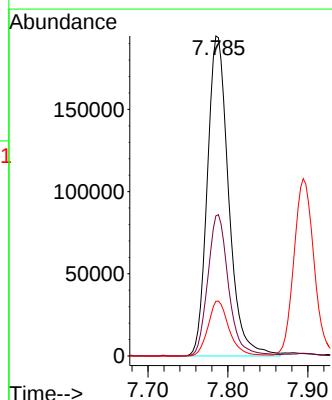
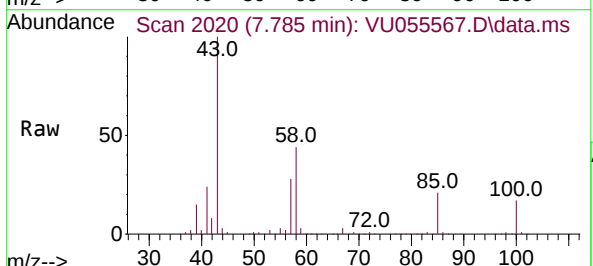
Tgt Ion: 43 Resp: 361280

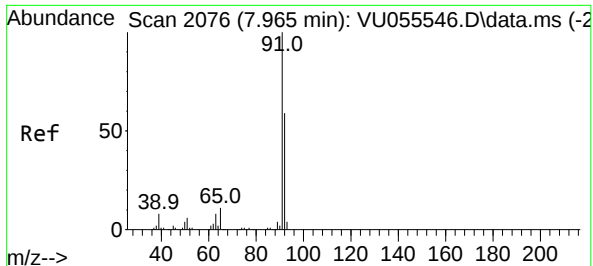
Ion Ratio Lower Upper

43 100

58 43.2 34.2 51.4

100 17.0 13.4 20.0





#42

Toluene

Concen: 4.934 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU055567.D

Acq: 27 Sep 2023 21:39

Instrument :

MSVOA_U

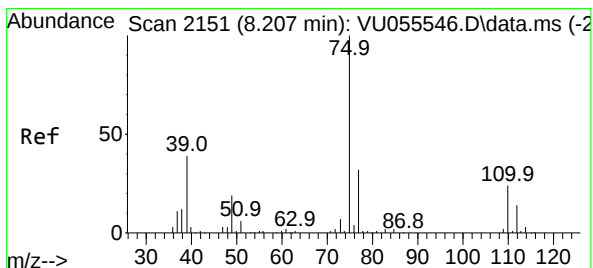
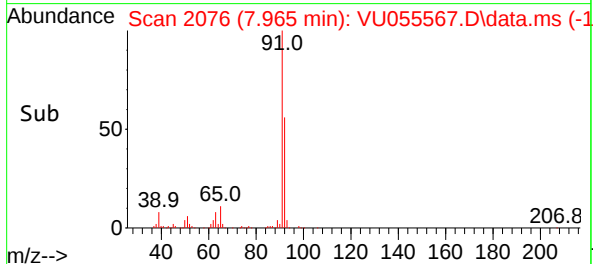
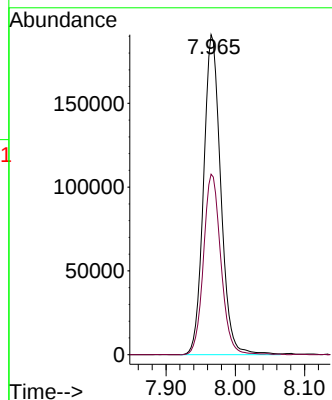
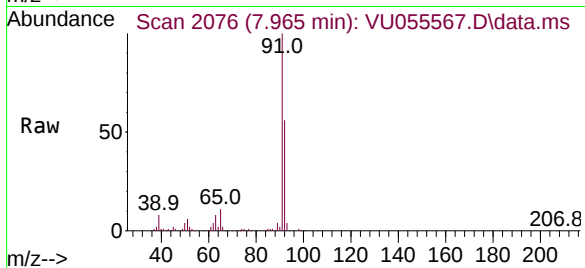
ClientSampleId :

Tgt Ion: 91 Resp: 329411

Ion Ratio Lower Upper

91 100

92 56.4 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.902 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU055567.D

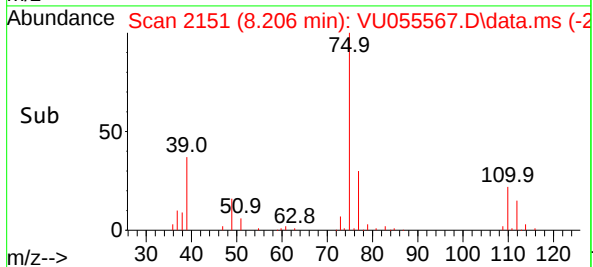
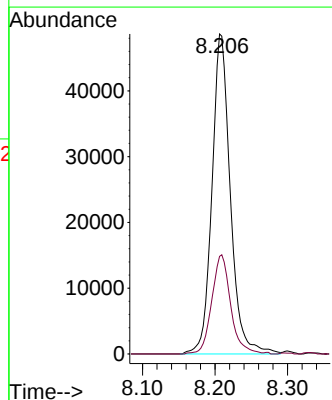
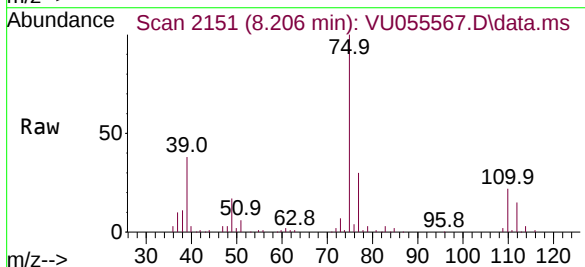
Acq: 27 Sep 2023 21:39

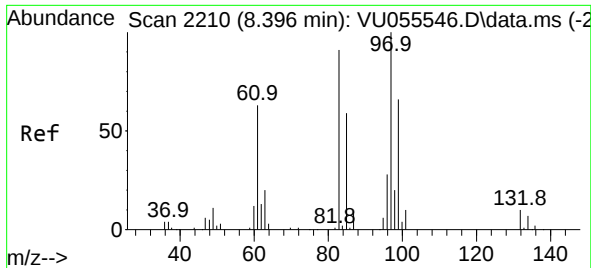
Tgt Ion: 75 Resp: 85688

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.4

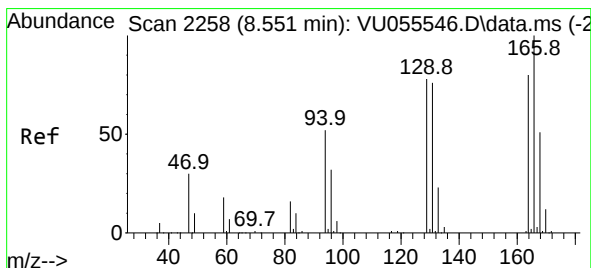
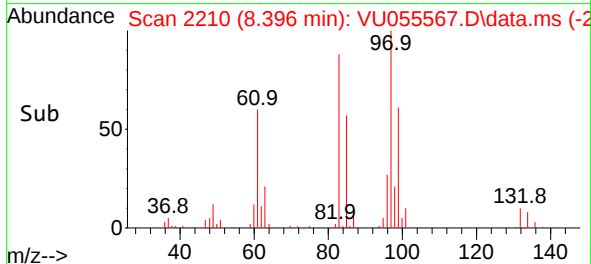
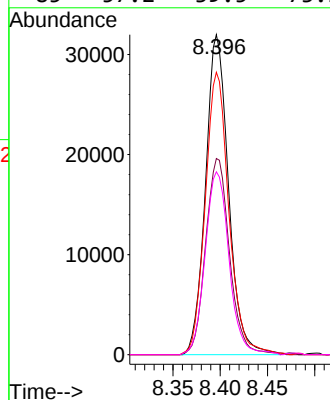
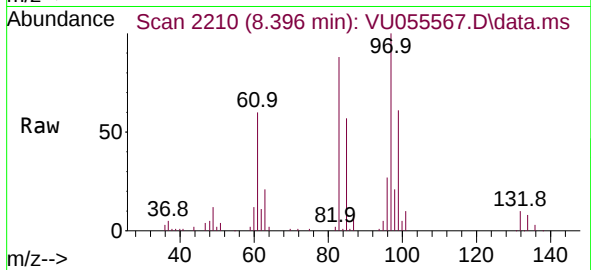




#45
1,1,2-Trichloroethane
Concen: 4.725 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU055567.D
Acq: 27 Sep 2023 21:39

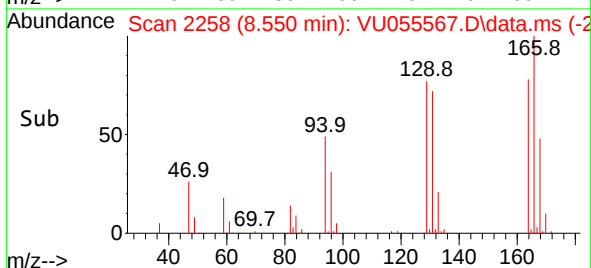
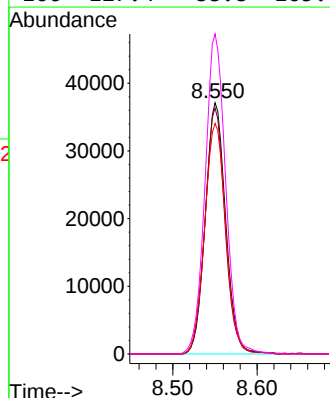
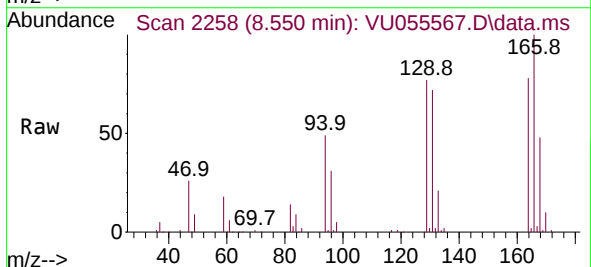
Instrument :
MSVOA_U
ClientSampleId :

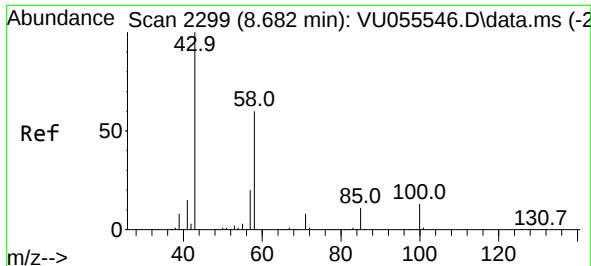
Tgt Ion:	97	Resp:	54228
Ion	Ratio	Lower	Upper
97	100		
99	61.3	44.1	81.9
83	88.2	61.5	114.1
85	57.2	39.5	73.3



#47
Tetrachloroethene
Concen: 4.902 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055567.D
Acq: 27 Sep 2023 21:39

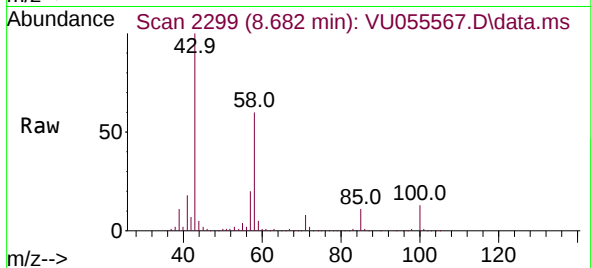
Tgt Ion:	164	Resp:	62255
Ion	Ratio	Lower	Upper
164	100		
129	98.0	67.4	125.2
131	91.8	66.4	123.2
166	127.4	88.8	165.0



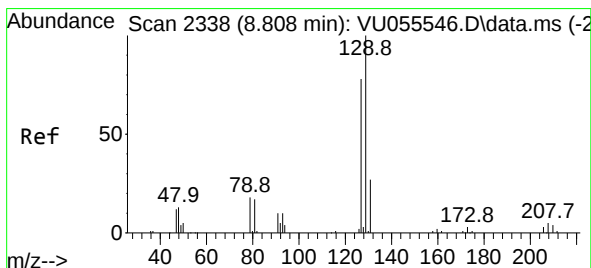
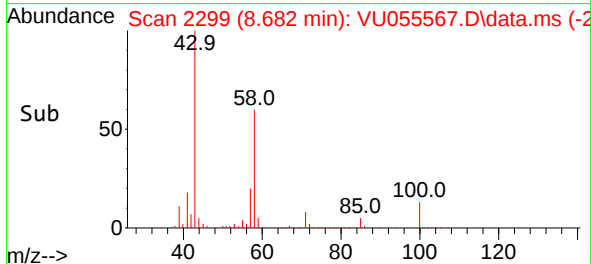
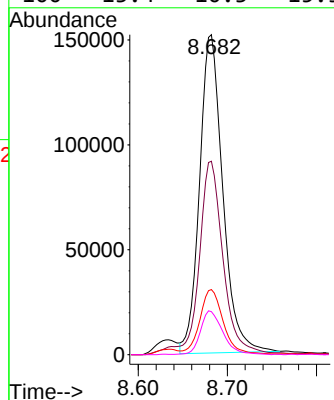


#48
2-Hexanone
Concen: 47.816 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055567.D
Acq: 27 Sep 2023 21:39

Instrument :
MSVOA_U
ClientSampleId :

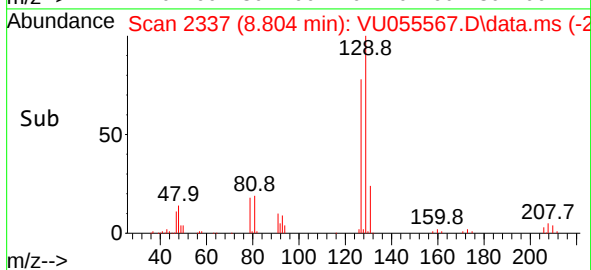
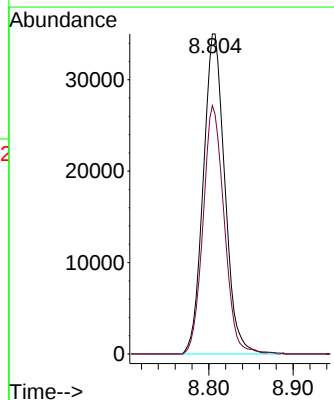
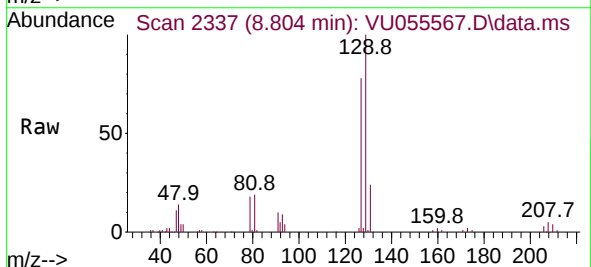


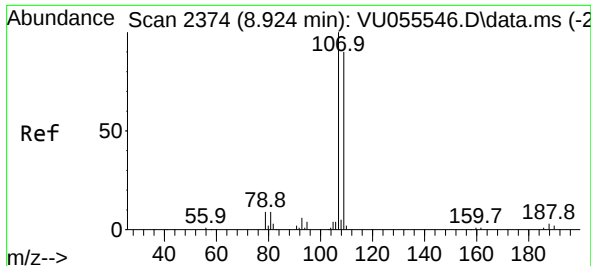
Tgt Ion:	43	Resp:	275154
Ion	Ratio	Lower	Upper
43	100		
58	63.4	48.5	72.7
57	20.4	17.0	25.4
100	13.4	10.3	15.5



#49
Dibromochloromethane
Concen: 5.183 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.004 min
Lab File: VU055567.D
Acq: 27 Sep 2023 21:39

Tgt Ion:	129	Resp:	62361
Ion	Ratio	Lower	Upper
129	100		
127	77.6	56.8	105.6





#50

1,2-Dibromoethane

Concen: 4.924 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.004 min

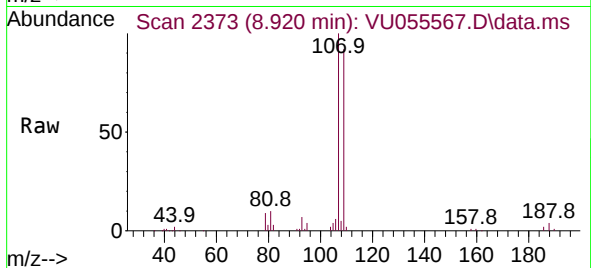
Lab File: VU055567.D

Acq: 27 Sep 2023 21:39

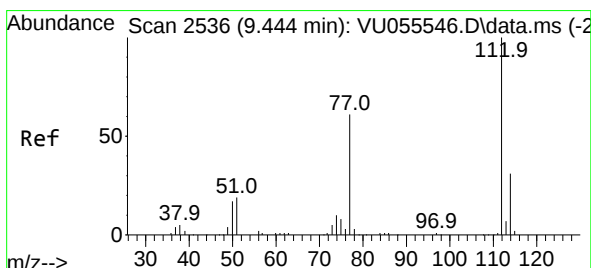
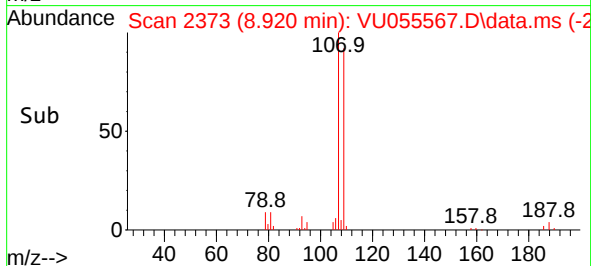
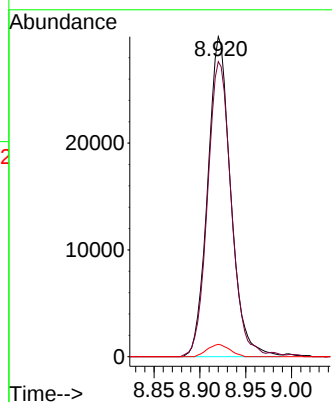
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	52444
Ion	Ratio	Lower	Upper
107	100		
109	92.2	66.1	122.8
188	3.9	3.2	4.8



#51

Chlorobenzene

Concen: 4.771 ug/L

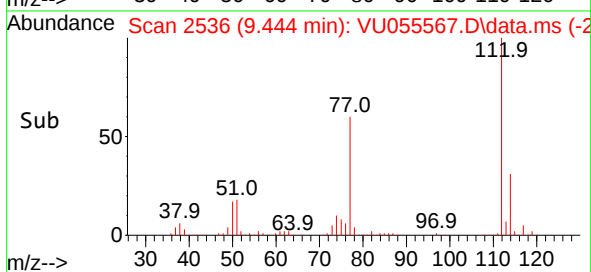
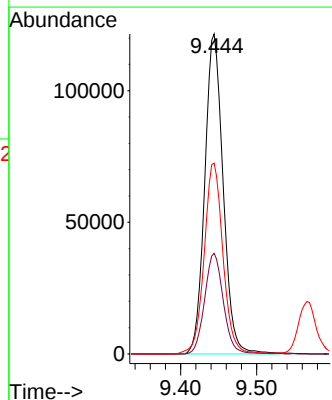
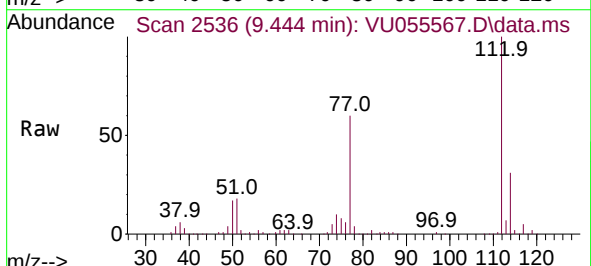
RT: 9.444 min Scan# 2536

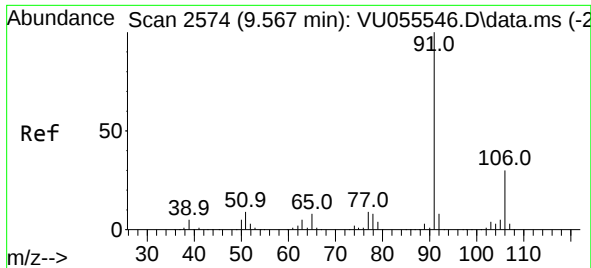
Delta R.T. -0.000 min

Lab File: VU055567.D

Acq: 27 Sep 2023 21:39

Tgt Ion:	112	Resp:	204026
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.0	40.8
77	59.6	46.9	70.3

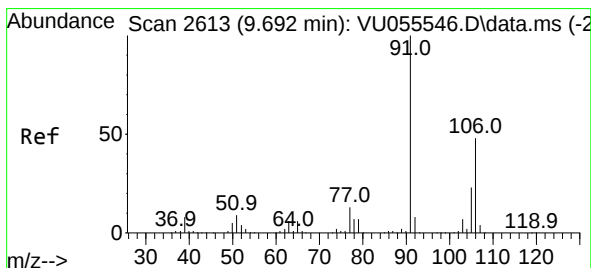
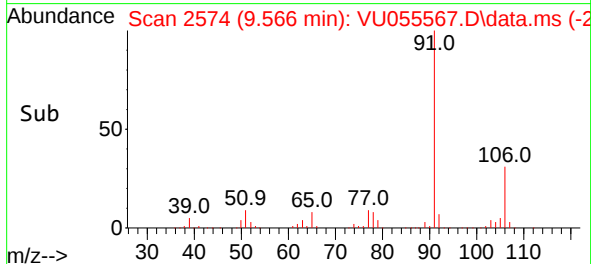
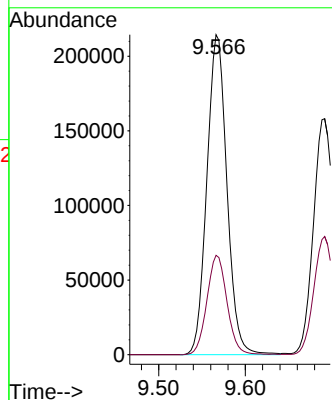
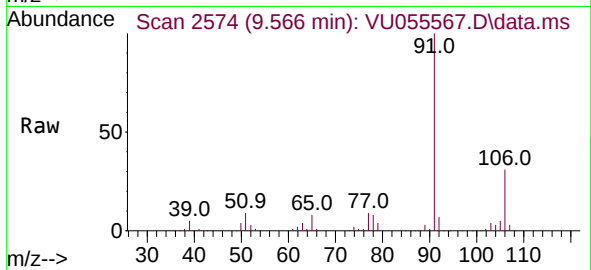




#52
Ethylbenzene
Concen: 4.821 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU055567.D
Acq: 27 Sep 2023 21:39

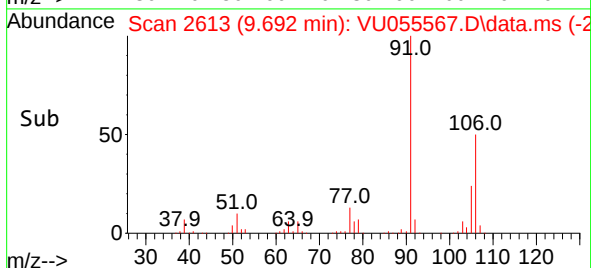
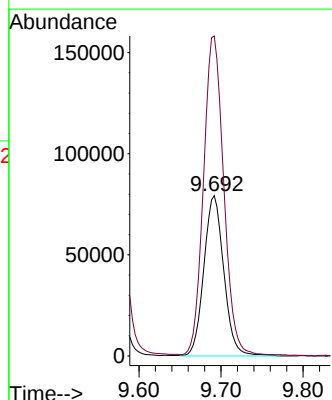
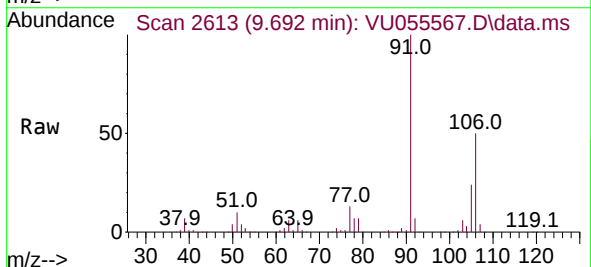
Instrument :
MSVOA_U
ClientSampleId :

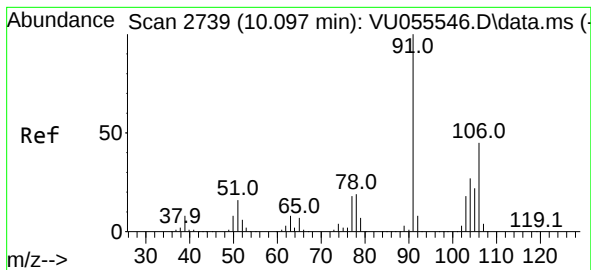
Tgt Ion: 91 Resp: 345055
Ion Ratio Lower Upper
91 100
106 31.1 22.4 41.6



#53
m,p-Xylene
Concen: 4.991 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055567.D
Acq: 27 Sep 2023 21:39

Tgt Ion: 106 Resp: 133865
Ion Ratio Lower Upper
106 100
91 199.6 144.8 269.0





#54

o-Xylene

Concen: 4.839 ug/L

RT: 10.097 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU055567.D

Acq: 27 Sep 2023 21:39

Instrument :

MSVOA_U

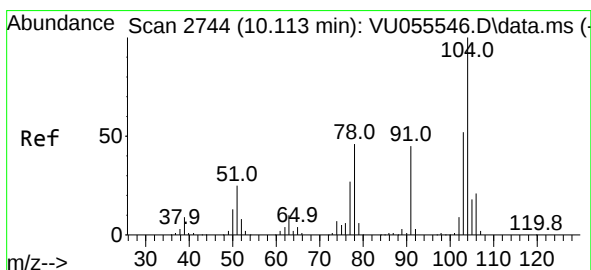
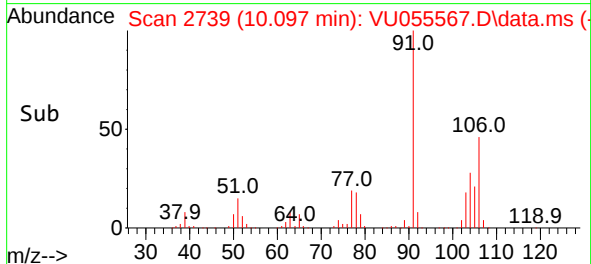
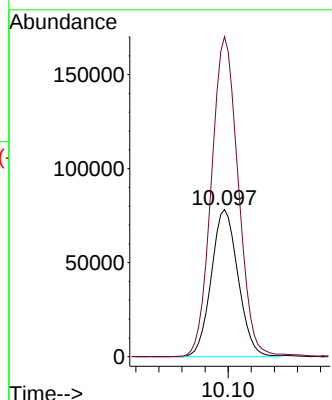
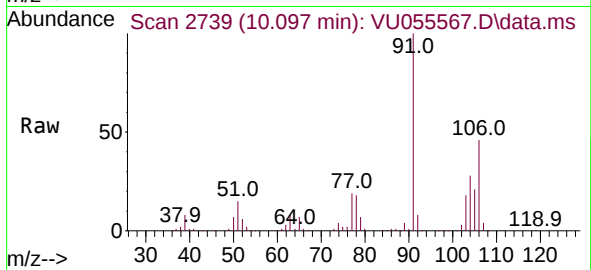
ClientSampleId :

Tgt Ion:106 Resp: 126181

Ion Ratio Lower Upper

106 100

91 217.3 157.6 292.8



#55

Styrene

Concen: 5.020 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. -0.000 min

Lab File: VU055567.D

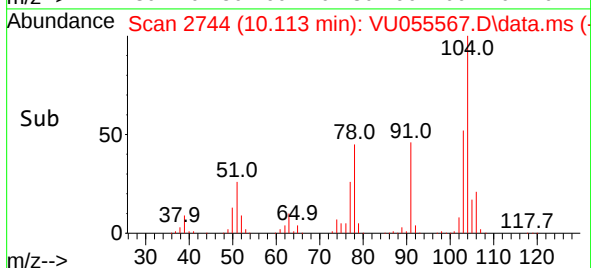
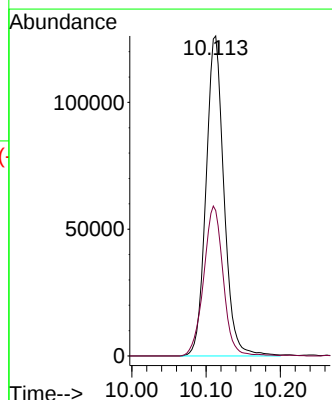
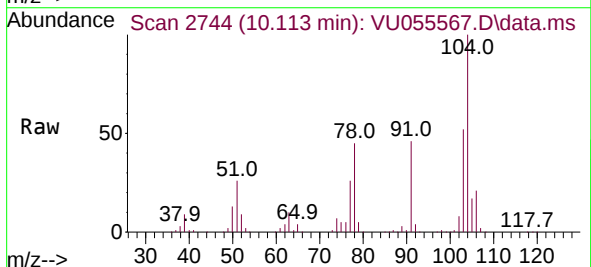
Acq: 27 Sep 2023 21:39

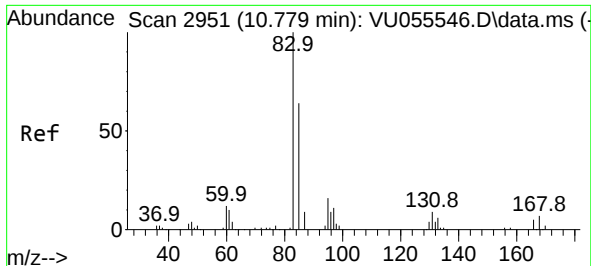
Tgt Ion:104 Resp: 211668

Ion Ratio Lower Upper

104 100

78 45.4 31.2 58.0

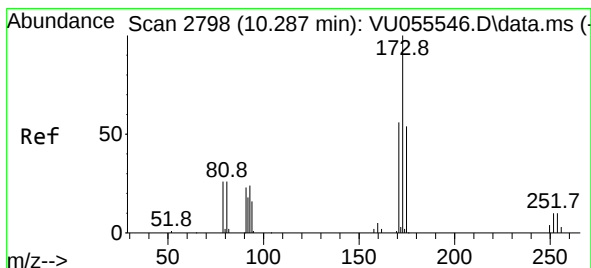
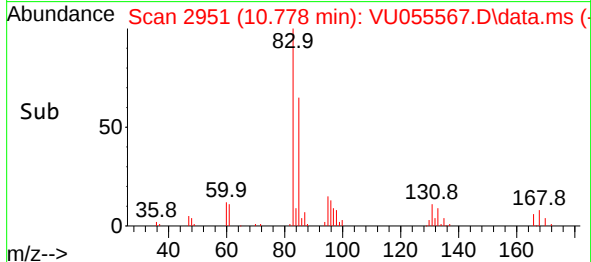
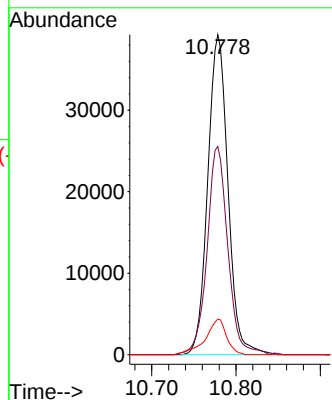
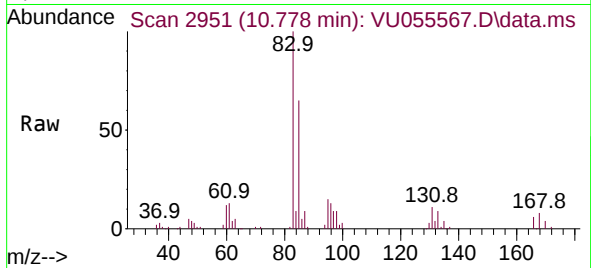




#57
1,1,2,2-Tetrachloroethane
Concen: 5.058 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU055567.D
Acq: 27 Sep 2023 21:39

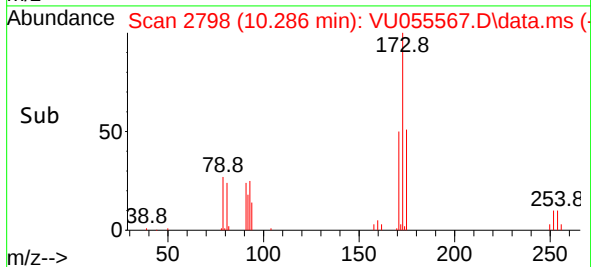
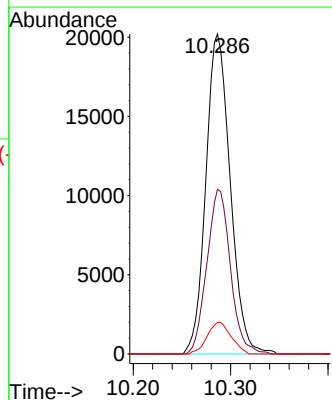
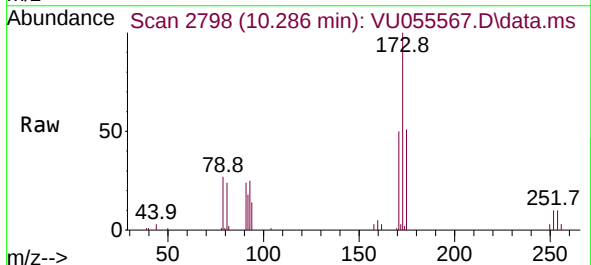
Instrument :
MSVOA_U
ClientSampleId :

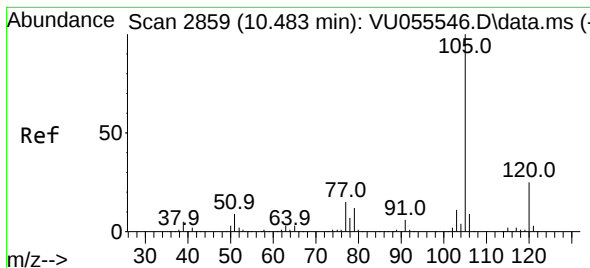
Tgt Ion: 83 Resp: 65533
Ion Ratio Lower Upper
83 100
85 65.0 44.4 82.5
131 11.1 7.4 11.2



#59
Bromoform
Concen: 5.168 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU055567.D
Acq: 27 Sep 2023 21:39

Tgt Ion: 173 Resp: 35155
Ion Ratio Lower Upper
173 100
175 49.6 39.4 59.2
254 9.7 7.3 10.9





#60

Isopropylbenzene

Concen: 4.687 ug/L

RT: 10.479 min Scan# 2859

Delta R.T. -0.004 min

Lab File: VU055567.D

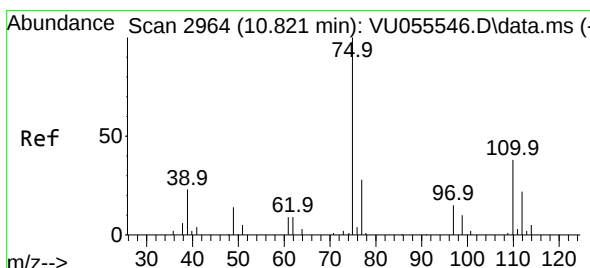
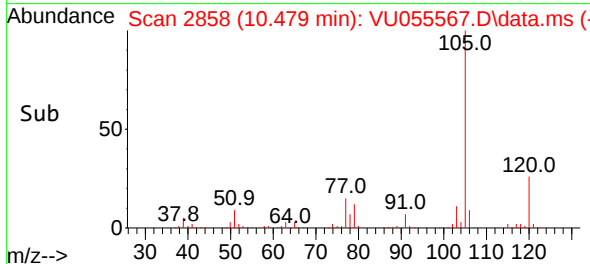
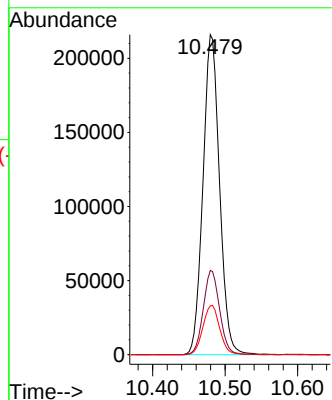
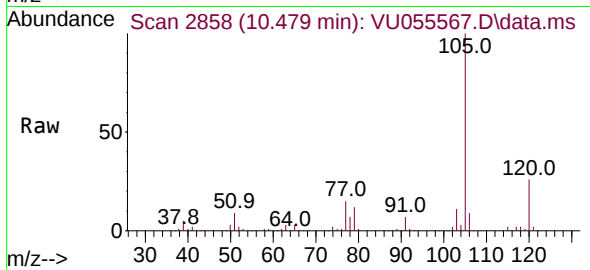
Acq: 27 Sep 2023 21:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	342880
Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.8	31.2
77	15.7	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 4.866 ug/L

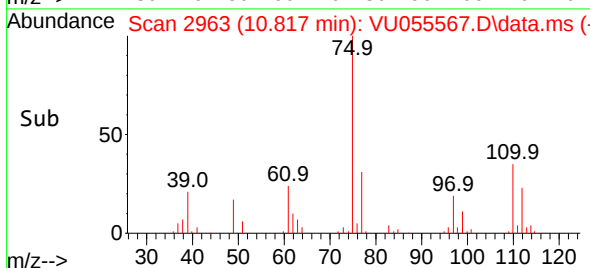
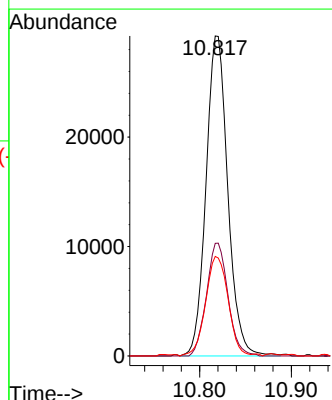
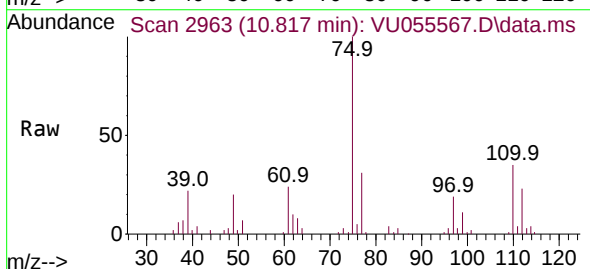
RT: 10.817 min Scan# 2963

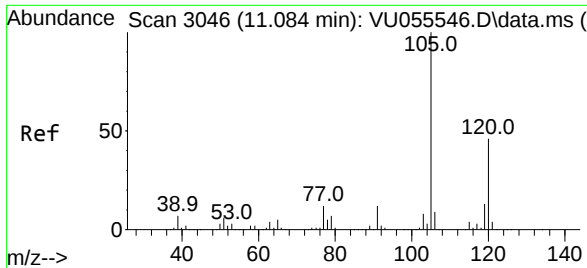
Delta R.T. -0.004 min

Lab File: VU055567.D

Acq: 27 Sep 2023 21:39

Tgt Ion:	75	Resp:	48215
Ion	Ratio	Lower	Upper
75	100		
110	34.8	30.6	45.8
77	32.0	26.7	40.1

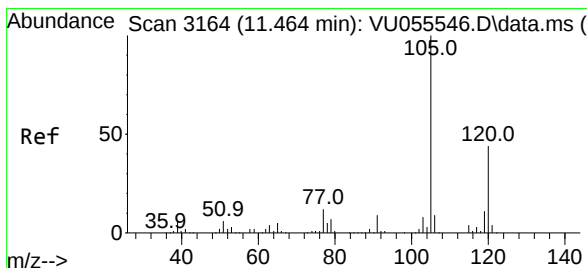
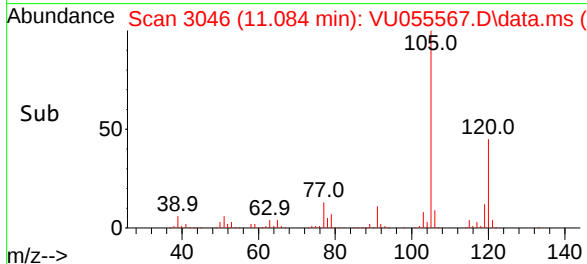
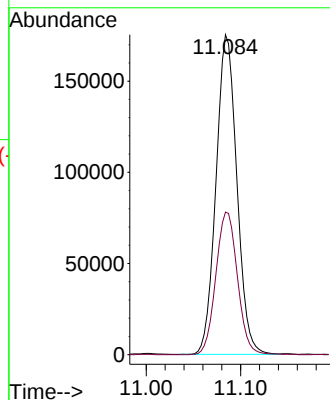
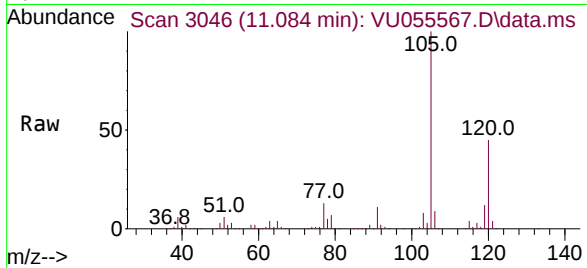




#62
 1,3,5-Trimethylbenzene
 Concen: 4.592 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU055567.D
 Acq: 27 Sep 2023 21:39

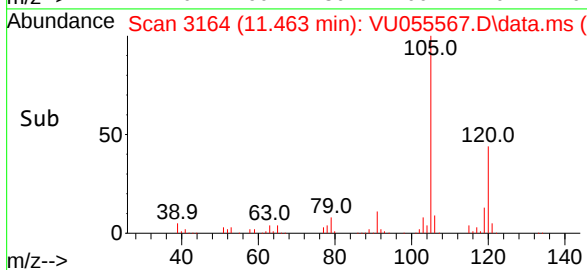
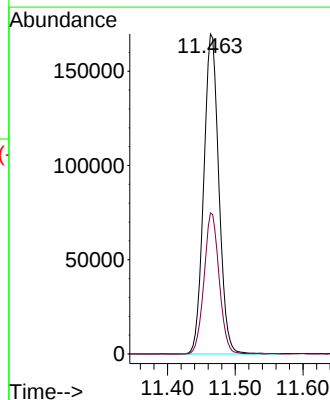
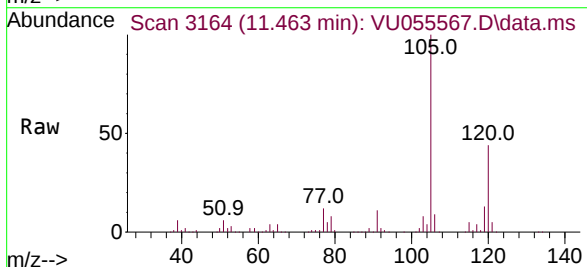
Instrument :
 MSVOA_U
 ClientSampleId :

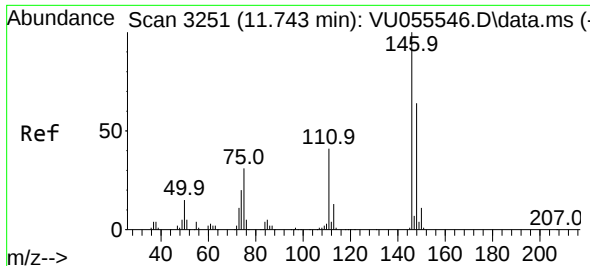
Tgt Ion:105 Resp: 268648
 Ion Ratio Lower Upper
 105 100
 120 46.3 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 4.595 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. -0.000 min
 Lab File: VU055567.D
 Acq: 27 Sep 2023 21:39

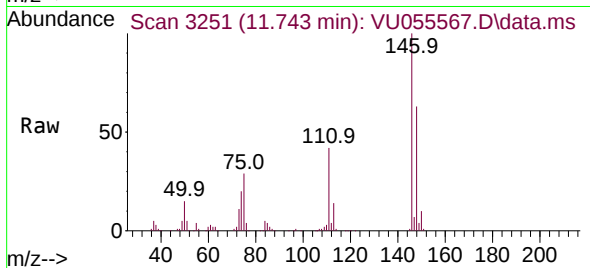
Tgt Ion:105 Resp: 263122
 Ion Ratio Lower Upper
 105 100
 120 43.9 34.9 52.3



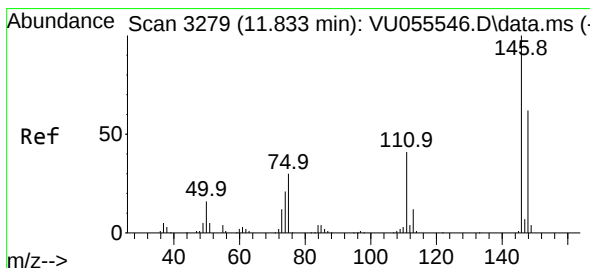
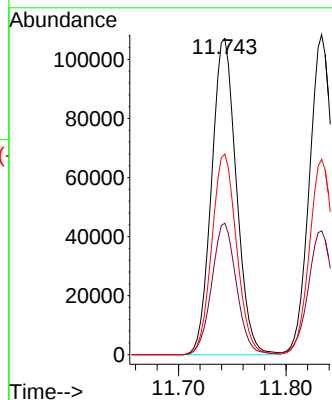
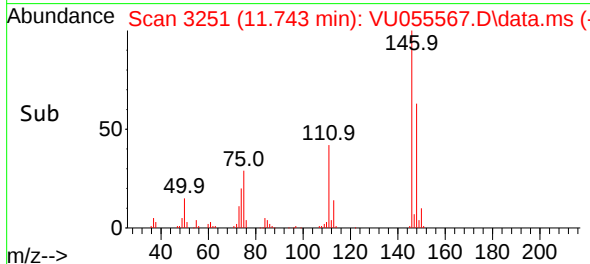


#64
1,3-Dichlorobenzene
Concen: 4.902 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU055567.D
Acq: 27 Sep 2023 21:39

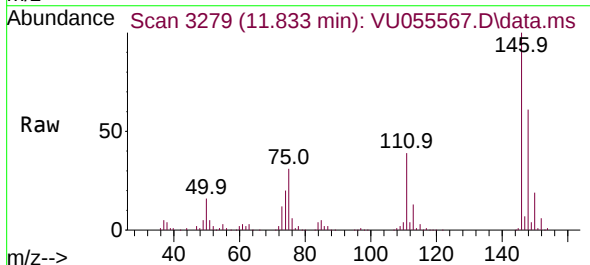
Instrument :
MSVOA_U
ClientSampleId :



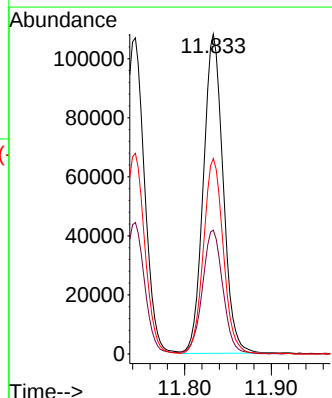
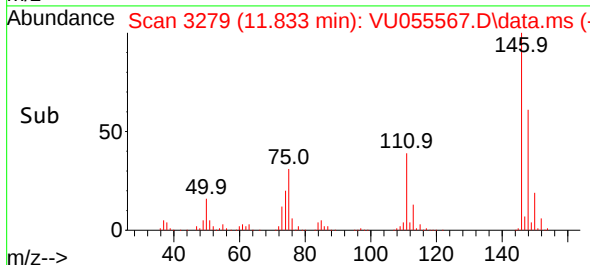
Tgt Ion:146 Resp: 171689
Ion Ratio Lower Upper
146 100
111 41.6 28.8 53.6
148 63.5 44.6 82.8

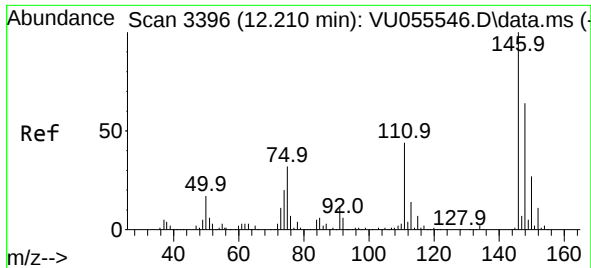


#65
1,4-Dichlorobenzene
Concen: 4.890 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055567.D
Acq: 27 Sep 2023 21:39



Tgt Ion:146 Resp: 171157
Ion Ratio Lower Upper
146 100
111 38.7 29.0 53.8
148 61.1 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 4.834 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055567.D

Acq: 27 Sep 2023 21:39

Instrument :

MSVOA_U

ClientSampleId :

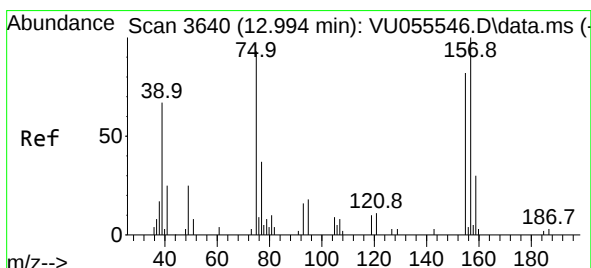
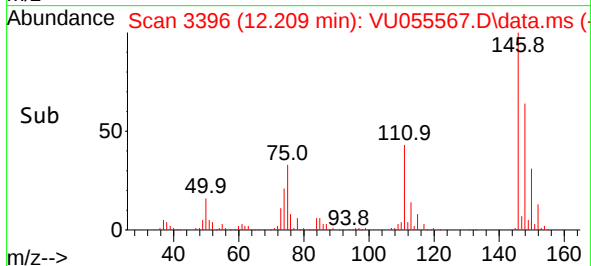
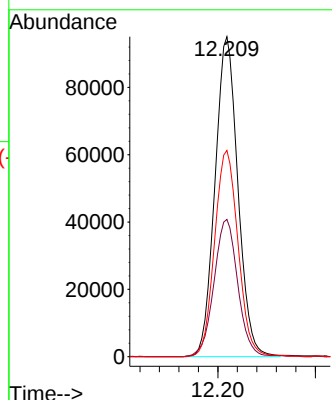
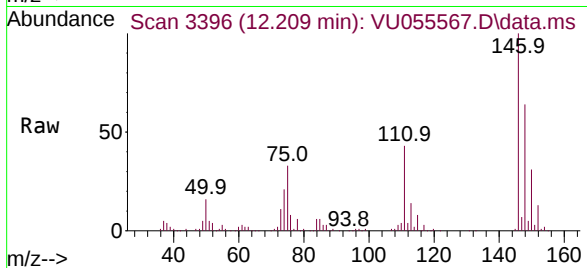
Tgt Ion:146 Resp: 155229

Ion Ratio Lower Upper

146 100

111 42.9 34.6 52.0

148 64.4 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.165 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU055567.D

Acq: 27 Sep 2023 21:39

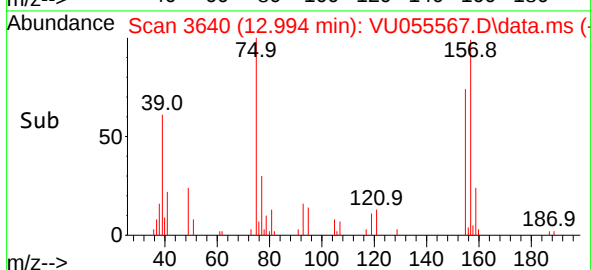
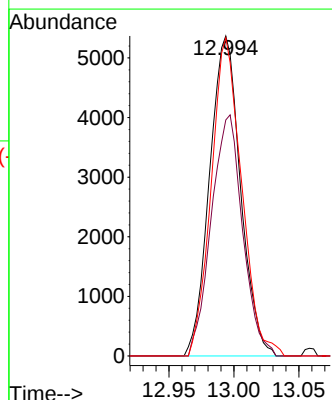
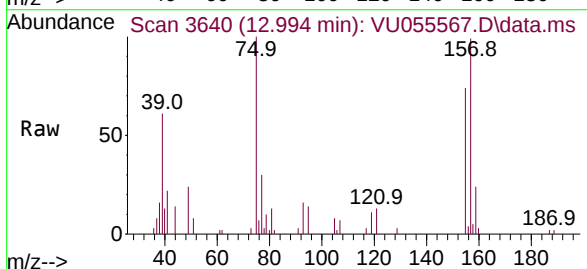
Tgt Ion: 75 Resp: 8870

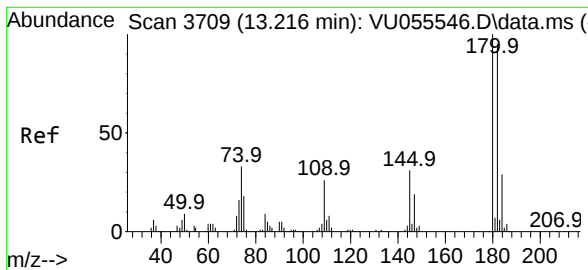
Ion Ratio Lower Upper

75 100

155 73.8 69.2 103.8

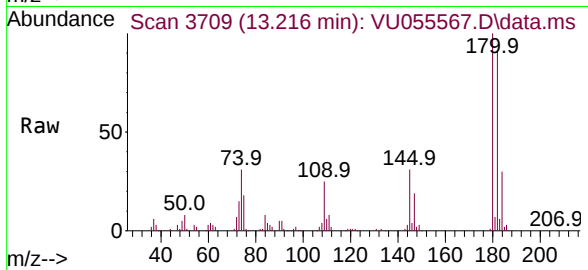
157 99.4 81.9 122.9



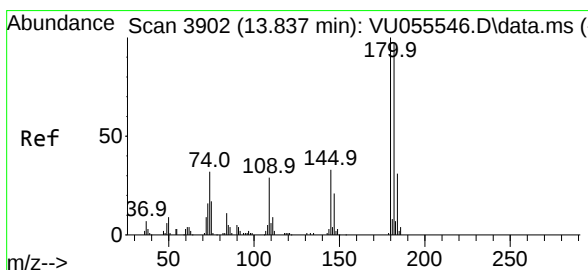
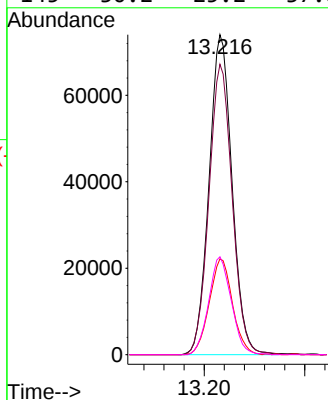
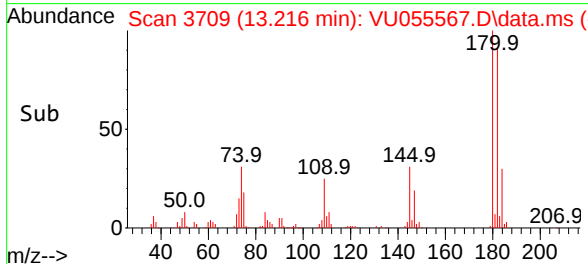


#69
 1,3,5-Trichlorobenzene
 Concen: 4.865 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU055567.D
 Acq: 27 Sep 2023 21:39

Instrument :
 MSVOA_U
 ClientSampleId :

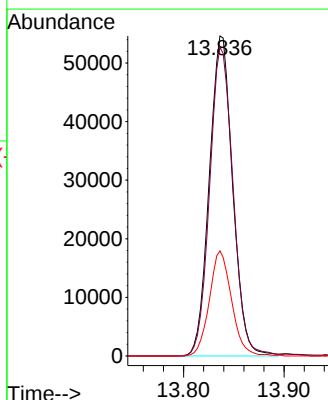
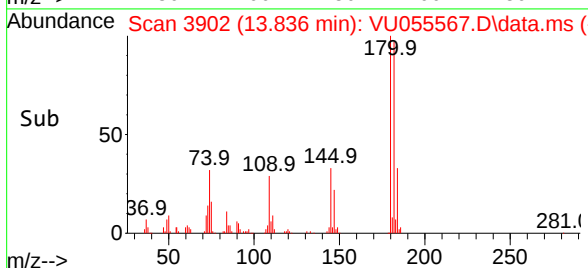
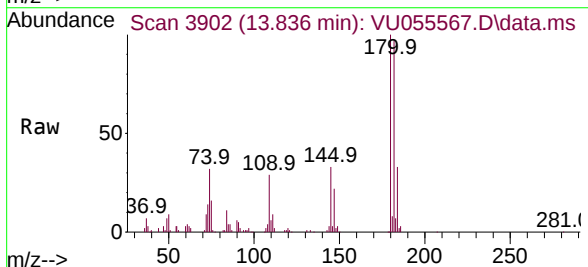


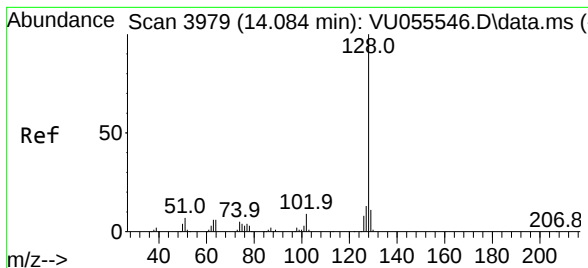
Tgt Ion:180 Resp: 117345
 Ion Ratio Lower Upper
 180 100
 182 92.0 77.1 115.7
 184 30.3 24.0 36.0
 145 30.2 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.799 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU055567.D
 Acq: 27 Sep 2023 21:39

Tgt Ion:180 Resp: 88241
 Ion Ratio Lower Upper
 180 100
 182 96.5 76.4 114.6
 145 31.3 25.4 38.0





#71

Naphthalene

Concen: 4.805 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU055567.D

Acq: 27 Sep 2023 21:39

Instrument :

MSVOA_U

ClientSampleId :

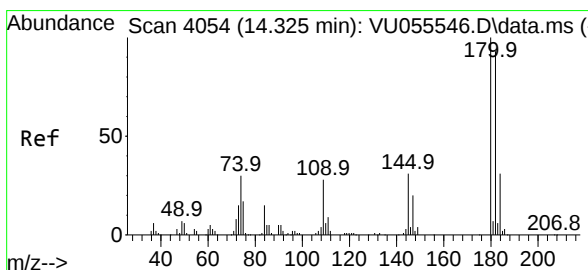
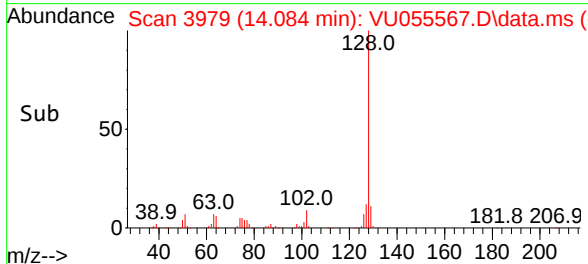
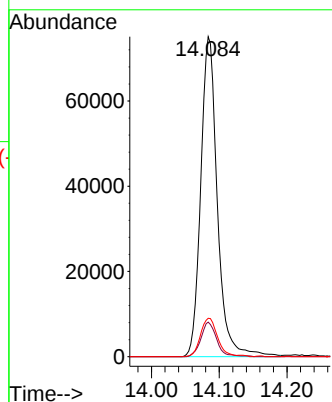
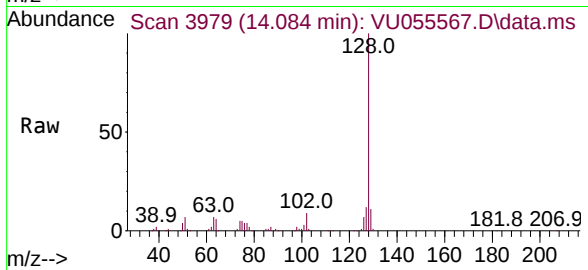
Tgt Ion:128 Resp: 127916

Ion Ratio Lower Upper

128 100

129 10.3 8.5 12.7

127 12.2 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 4.836 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU055567.D

Acq: 27 Sep 2023 21:39

Tgt Ion:180 Resp: 77382

Ion Ratio Lower Upper

180 100

182 97.9 76.2 114.4

145 33.7 26.0 39.0

