

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092723\
 Data File : VU055566.D
 Acq On : 27 Sep 2023 21:15
 Operator : MD/SY
 Sample : 04530-08MSD 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYHY4MSD

Quant Time: Sep 27 23:38:51 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	216155	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	226433	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	131370	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	90990	4.165	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.910	69	75294	3.911	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.563	65	35379	3.934	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.627	46	175063	44.365	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.720%
24) Chloroform-d	5.058	84	171515	4.340	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.698	65	79536	4.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	5.724	84	329839	4.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.685	67	99601	4.209	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.894	98	305920	4.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.177	79	37111	4.469	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.630	63	105420	41.734	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.460%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	81305	4.584	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	112787	4.254	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	89589	4.257	ug/L	99
3) Chloromethane	1.518	50	92505	4.997	ug/L	97
5) Vinyl chloride	1.602	62	340200	17.033	ug/L	99
6) Bromomethane	1.856	94	56739	4.473	ug/L	99
8) Chloroethane	1.933	64	61227	4.698	ug/L	96
9) Trichlorofluoromethane	2.136	101	137471	4.963	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	78735	4.672	ug/L	98
12) 1,1-Dichloroethene	2.579	96	72203	4.778	ug/L	90
13) Acetone	2.637	43	98089	43.608	ug/L	99
14) Carbon disulfide	2.791	76	223967	4.930	ug/L	99
15) Methyl Acetate	2.952	43	25932	5.057	ug/L	98
16) Methylene chloride	3.042	84	86699	4.788	ug/L	95
17) Methyl tert-butyl Ether	3.361	73	160189	4.886	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	75799	4.976	ug/L	99
19) 1,1-Dichloroethane	3.865	63	143464	5.093	ug/L	96
21) 2-Butanone	4.708	43	163729	49.629	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	325613	18.437	ug/L	98
23) Bromochloromethane	4.971	128	37482	5.021	ug/L	97
25) Chloroform	5.084	83	149858	5.024	ug/L	99

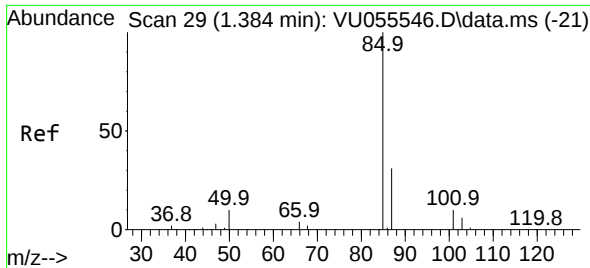
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	87893	4.805	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	127829	4.952	ug/L	98
30) Cyclohexane	5.386	56	107805	4.562	ug/L	99
31) Carbon tetrachloride	5.521	117	111252	5.028	ug/L	98
33) Benzene	5.769	78	324101	4.973	ug/L	100
34) Trichloroethene	6.537	95	84214	4.568	ug/L	97
35) Methylcyclohexane	6.759	83	114198	4.300	ug/L	98
37) 1,2-Dichloropropane	6.785	63	83244	4.884	ug/L	98
38) Bromodichloromethane	7.103	83	104323	5.223	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	115239	5.066	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	394816	51.066	ug/L	100
42) Toluene	7.965	91	346957	4.991	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	94393	5.186	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	60812	5.089	ug/L	98
47) Tetrachloroethene	8.550	164	66143	5.002	ug/L	97
48) 2-Hexanone	8.682	43	297540	49.656	ug/L	98
49) Dibromochloromethane	8.807	129	69214	5.525	ug/L	90
50) 1,2-Dibromoethane	8.920	107	56725	5.115	ug/L	99
51) Chlorobenzene	9.444	112	219033	4.919	ug/L	99
52) Ethylbenzene	9.566	91	366804	4.922	ug/L	98
53) m,p-Xylene	9.692	106	142192	5.091	ug/L	98
54) o-Xylene	10.097	106	135614	4.994	ug/L	95
55) Styrene	10.113	104	229703	5.232	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	71972	5.335	ug/L	99
59) Bromoform	10.290	173	37634	5.345	ug/L	98
60) Isopropylbenzene	10.482	105	361733	4.778	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	51171	4.990	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	283233	4.678	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	277930	4.690	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	182213	5.027	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	179398	4.952	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	167174	5.030	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	8957	5.039	ug/L	95
69) 1,3,5-Trichlorobenzene	13.215	180	122402	4.903	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	93896	4.934	ug/L	100
71) Naphthalene	14.084	128	132951	4.825	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	82418	4.977	ug/L	98

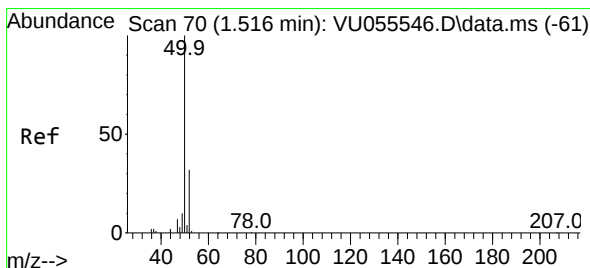
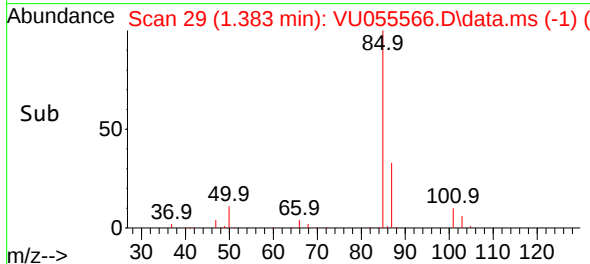
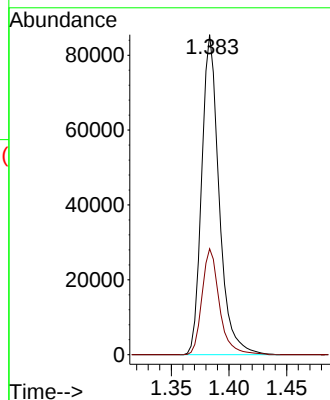
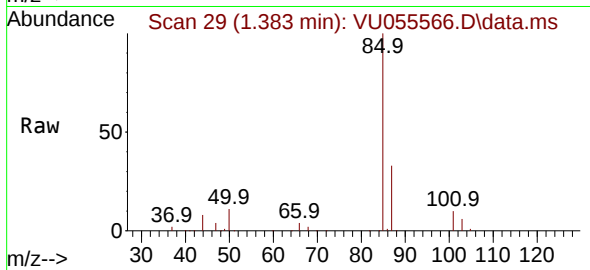
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#2
 Dichlorodifluoromethane
 Concen: 4.257 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055566.D
 Acq: 27 Sep 2023 21:15

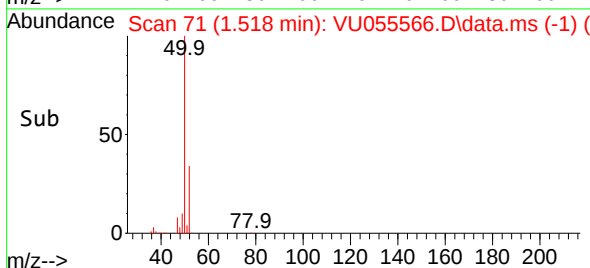
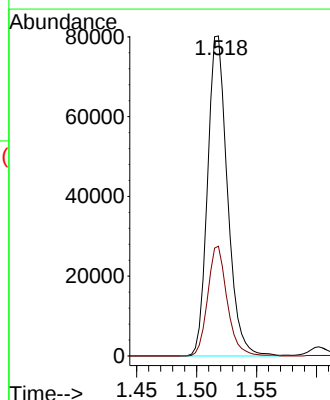
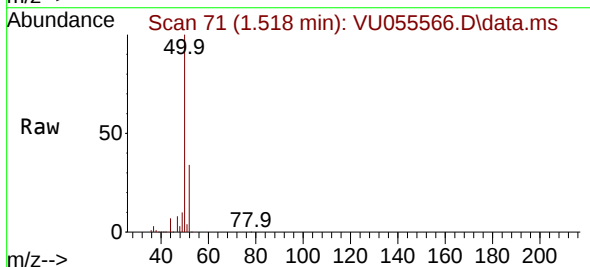
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 ClientSampleId :
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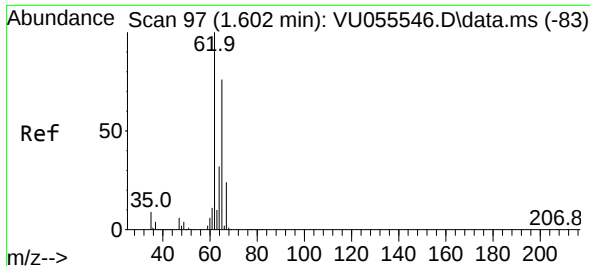
Tgt Ion: 85 Resp: 89589
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.0 39.0



#3
 Chloromethane
 Concen: 4.997 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU055566.D
 Acq: 27 Sep 2023 21:15

Tgt Ion: 50 Resp: 92505
 Ion Ratio Lower Upper
 50 100
 52 34.3 22.9 42.5

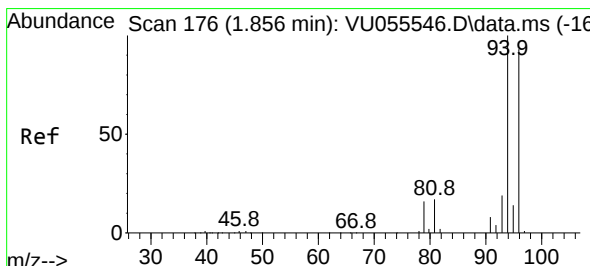
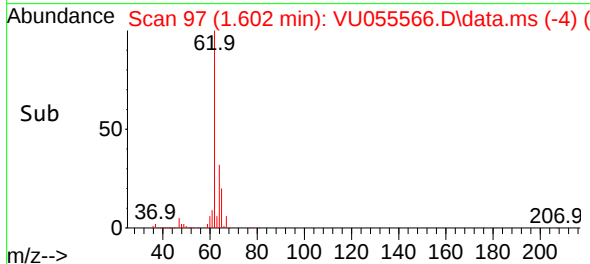
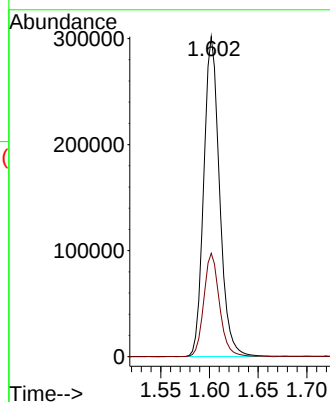
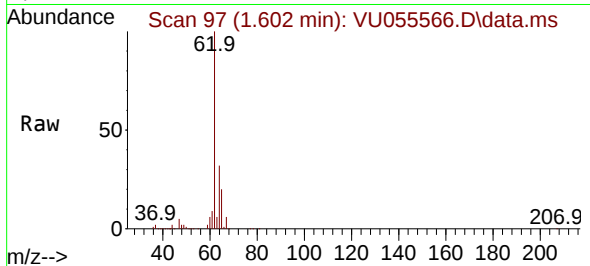




#5
 Vinyl chloride
 Concen: 17.033 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.001 min
 Lab File: VU055566.D
 Acq: 27 Sep 2023 21:15

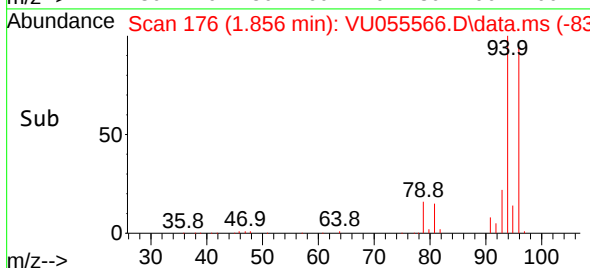
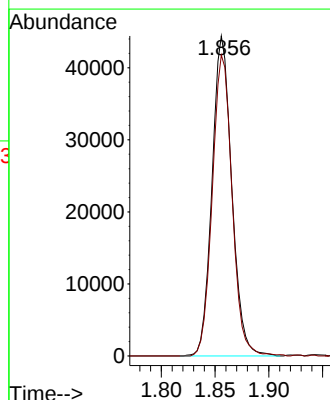
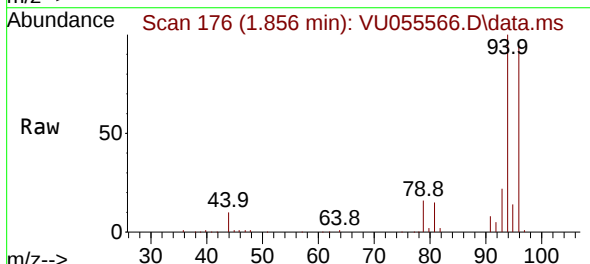
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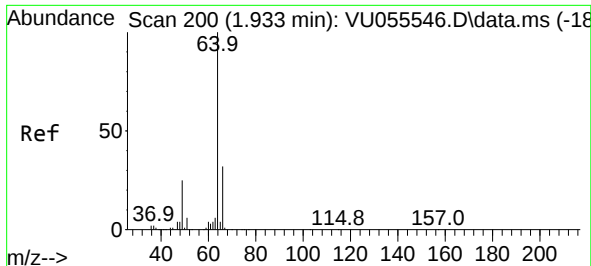
Tgt Ion: 62 Resp: 340200
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.3 41.5



#6
 Bromomethane
 Concen: 4.473 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU055566.D
 Acq: 27 Sep 2023 21:15

Tgt Ion: 94 Resp: 56739
 Ion Ratio Lower Upper
 94 100
 96 94.1 66.4 123.2





#8

Chloroethane

Concen: 4.698 ug/L

RT: 1.933 min Scan# 200

Delta R.T. -0.001 min

Lab File: VU055566.D

Acq: 27 Sep 2023 21:15

Instrument :

MSVOA_U

ClientSampleId :

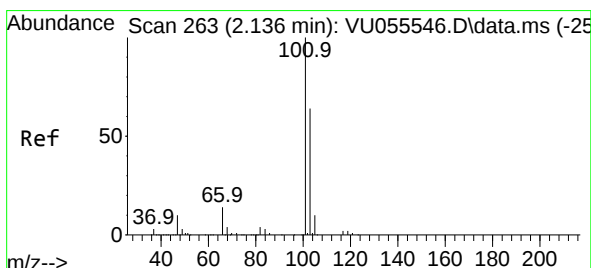
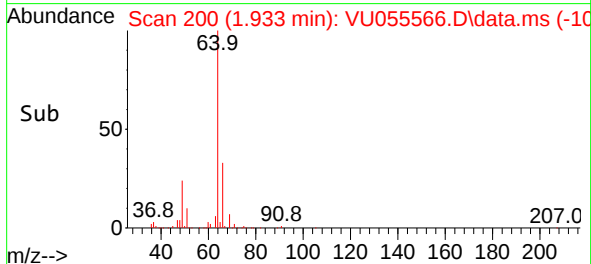
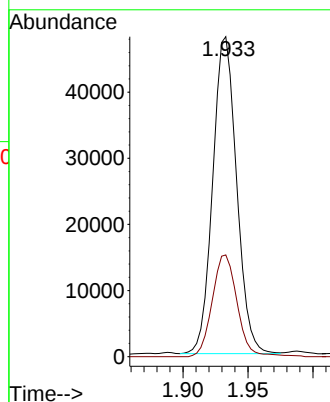
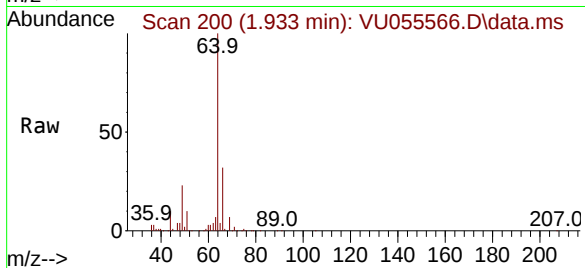
EYHY4MSD

Tgt Ion: 64 Resp: 61227

Ion Ratio Lower Upper

64 100

66 31.8 23.7 44.1



#9

Trichlorofluoromethane

Concen: 4.963 ug/L

RT: 2.136 min Scan# 263

Delta R.T. -0.001 min

Lab File: VU055566.D

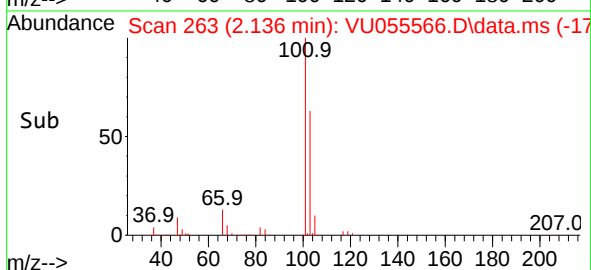
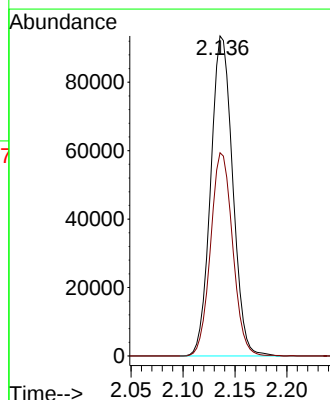
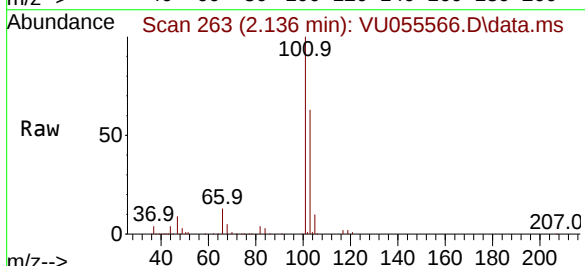
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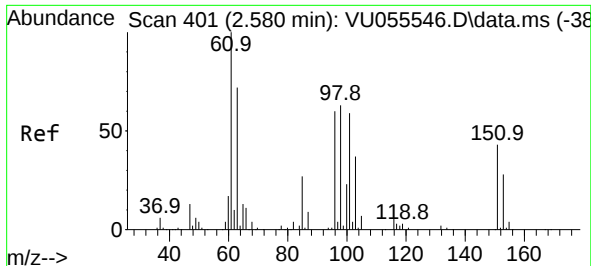
Tgt Ion:101 Resp: 137471

Ion Ratio Lower Upper

101 100

103 63.7 52.0 78.0

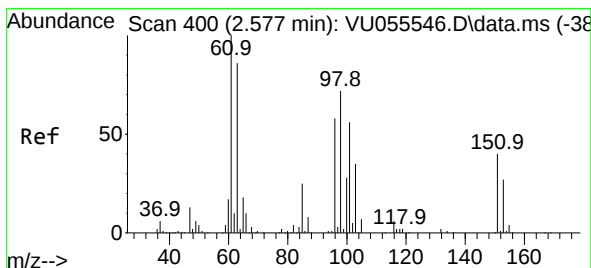
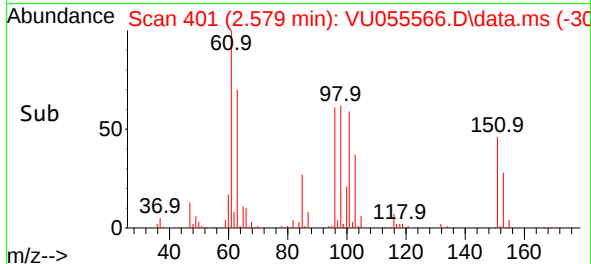
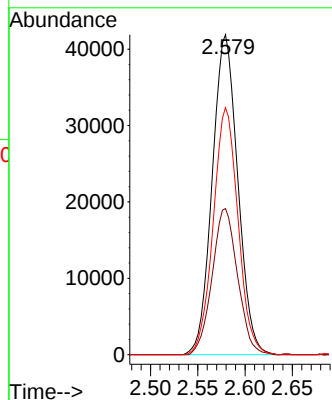
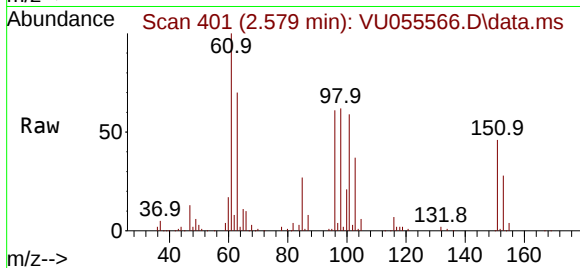




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.672 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU055566.D
 Acq: 27 Sep 2023 21:15

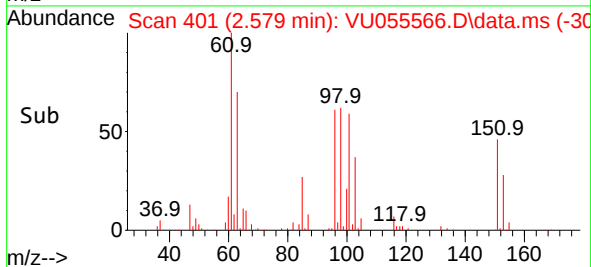
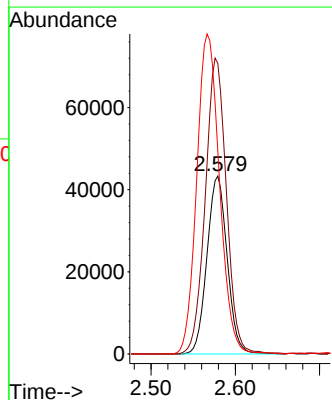
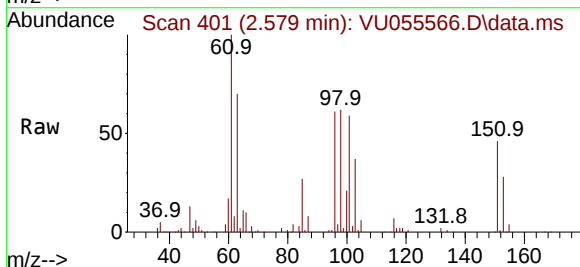
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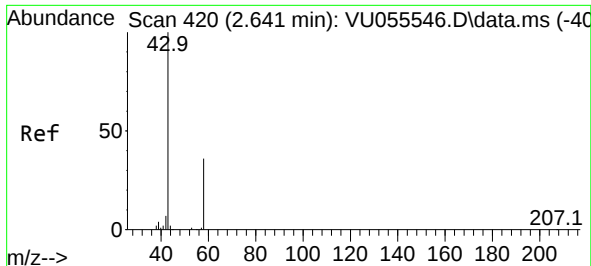
Tgt Ion:101 Resp: 78735
 Ion Ratio Lower Upper
 101 100
 85 45.4 35.8 53.6
 151 74.9 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 4.778 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU055566.D
 Acq: 27 Sep 2023 21:15

Tgt Ion: 96 Resp: 72203
 Ion Ratio Lower Upper
 96 100
 61 163.4 114.5 212.7
 63 114.2 98.3 182.5





#13

Acetone

Concen: 43.608 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.004 min

Lab File: VU055566.D

Acq: 27 Sep 2023 21:15

Instrument :

MSVOA_U

ClientSampleId :

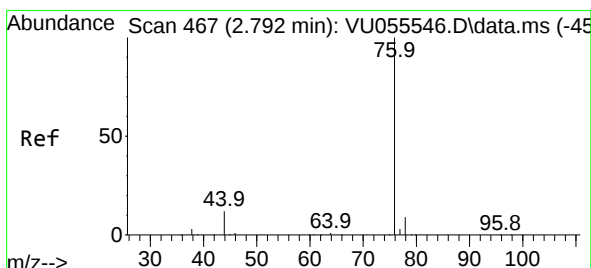
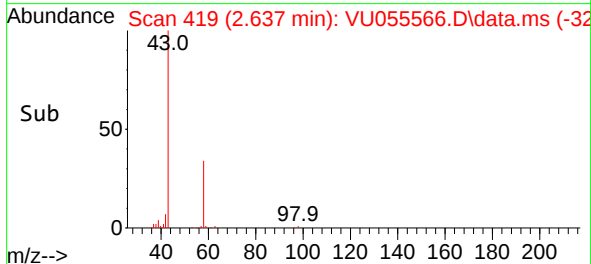
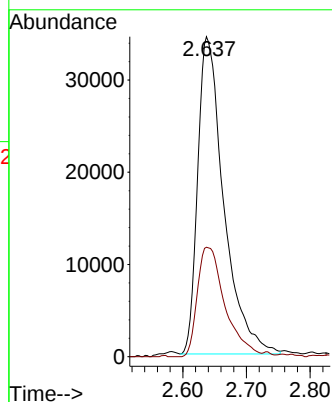
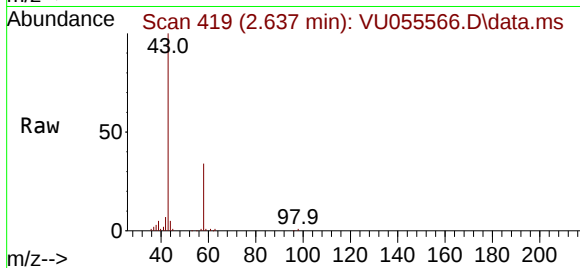
EYHY4MSD

Tgt Ion: 43 Resp: 98089

Ion Ratio Lower Upper

43 100

58 36.4 0.0 72.2



#14

Carbon disulfide

Concen: 4.930 ug/L

RT: 2.791 min Scan# 467

Delta R.T. -0.001 min

Lab File: VU055566.D

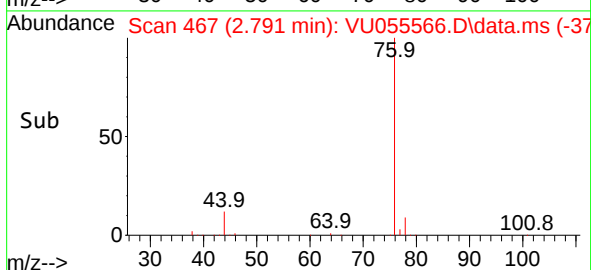
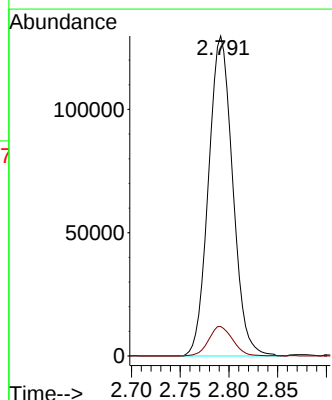
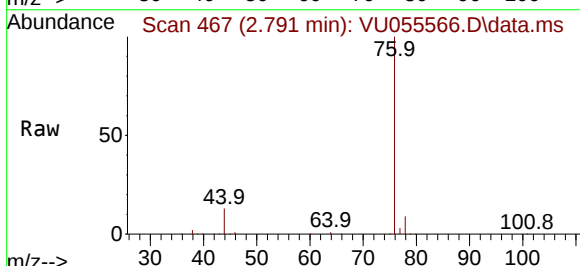
Acq: 27 Sep 2023 21:15

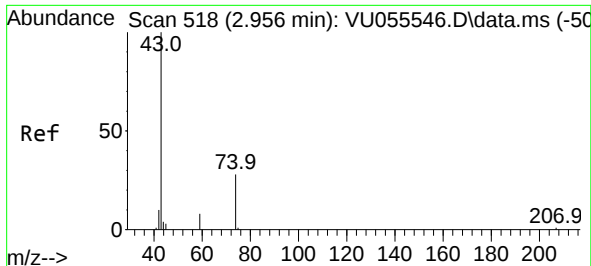
Tgt Ion: 76 Resp: 223967

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5

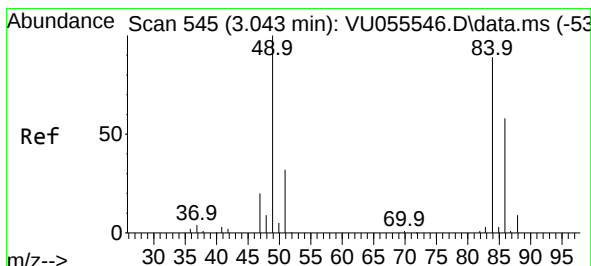
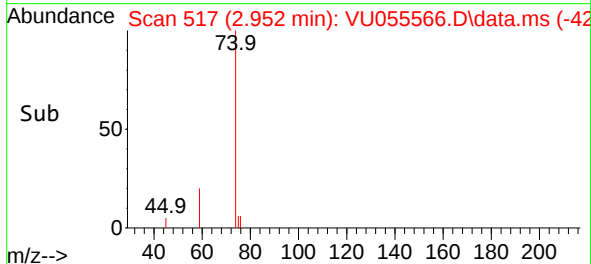
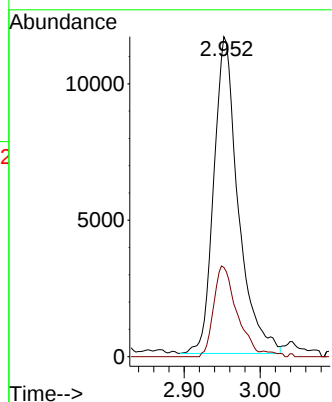
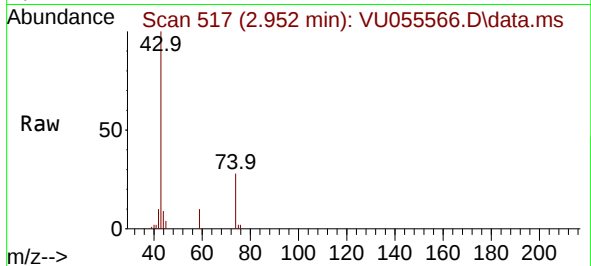




#15
Methyl Acetate
Concen: 5.057 ug/L
RT: 2.952 min Scan# 518
Delta R.T. -0.004 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

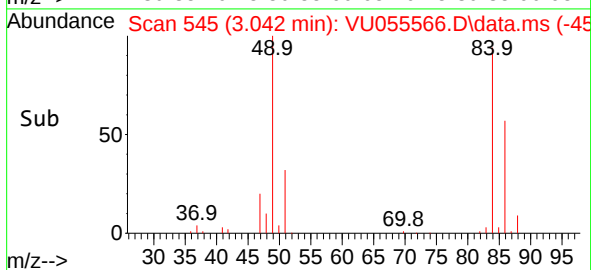
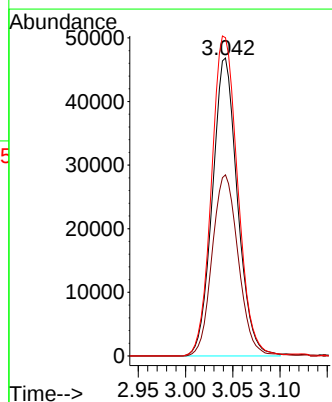
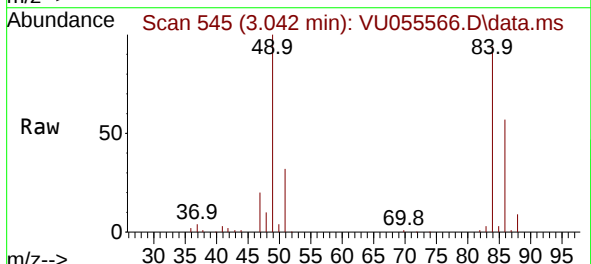
Instrument :
MSVOA_U
ClientSampleId :
EYHY4MSD

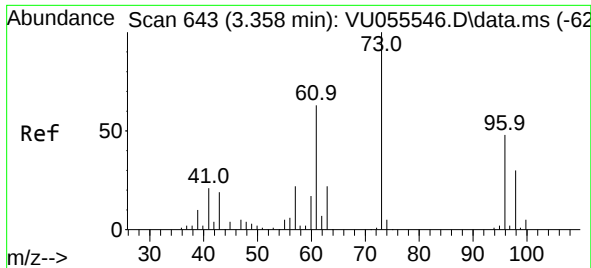
Tgt Ion: 43 Resp: 25932
Ion Ratio Lower Upper
43 100
74 26.9 22.3 33.5



#16
Methylene chloride
Concen: 4.788 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.001 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

Tgt Ion: 84 Resp: 86699
Ion Ratio Lower Upper
84 100
86 60.8 44.9 83.3
49 106.9 78.8 146.3

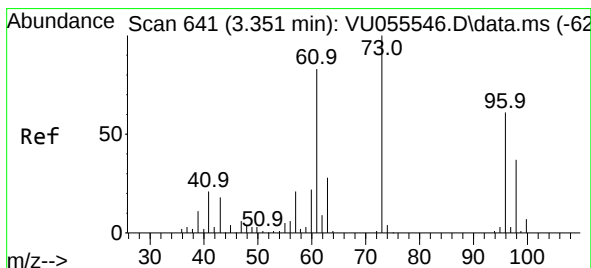
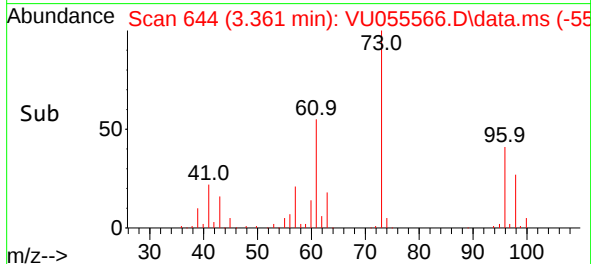
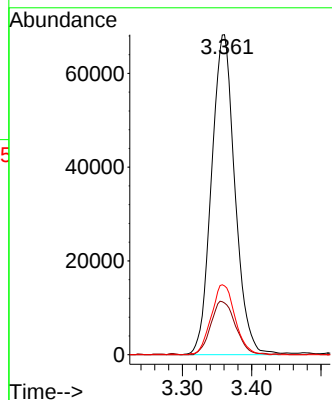
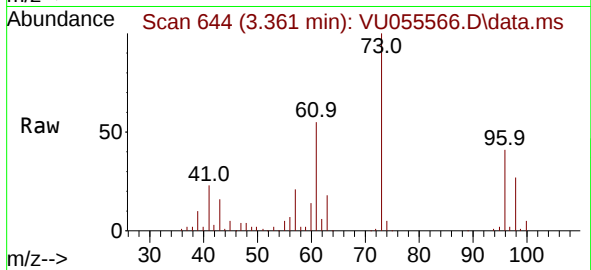




#17
Methyl tert-butyl Ether
Concen: 4.886 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

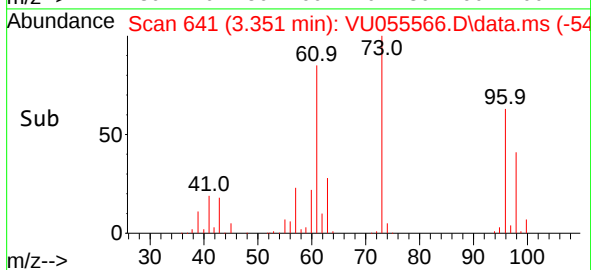
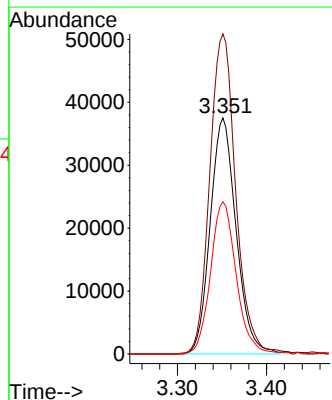
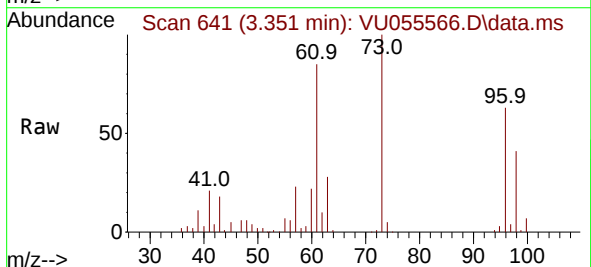
Instrument :
MSVOA_U
ClientSampleId :
EYHY4MSD

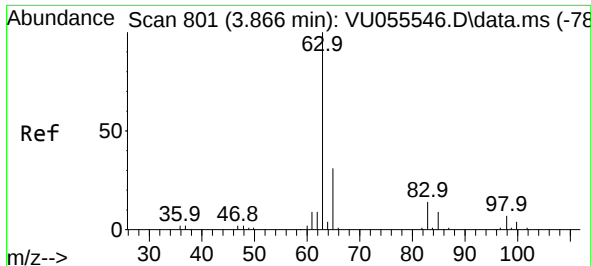
Tgt Ion: 73 Resp: 160189
Ion Ratio Lower Upper
73 100
43 17.5 14.9 22.3
57 22.2 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 4.976 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.001 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

Tgt Ion: 96 Resp: 75799
Ion Ratio Lower Upper
96 100
61 135.6 94.6 175.6
98 64.4 45.7 84.9

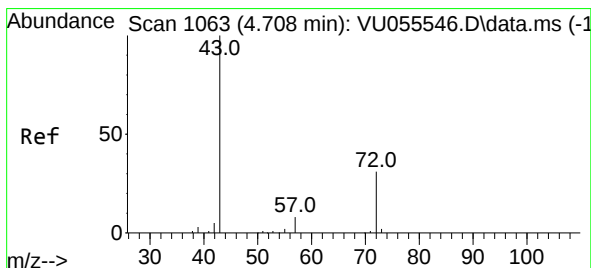
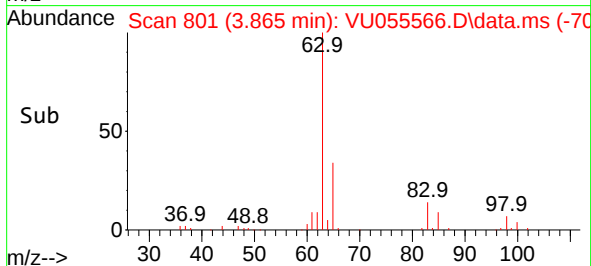
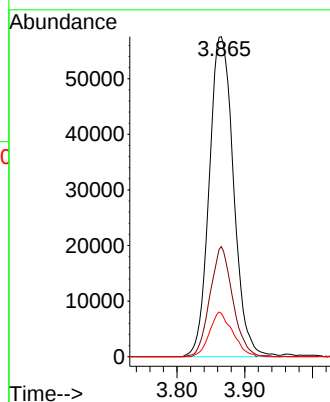
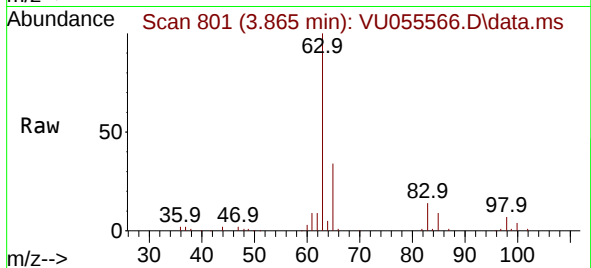




#19
1,1-Dichloroethane
Concen: 5.093 ug/L
RT: 3.865 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

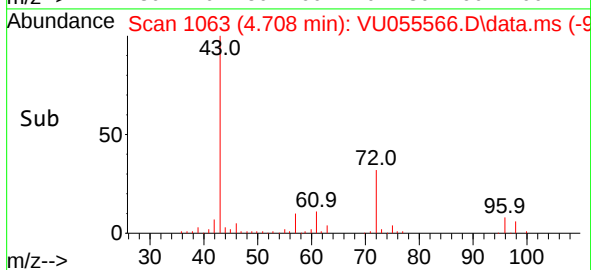
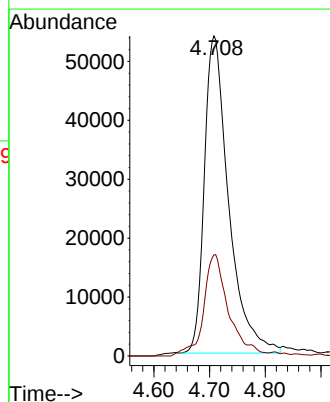
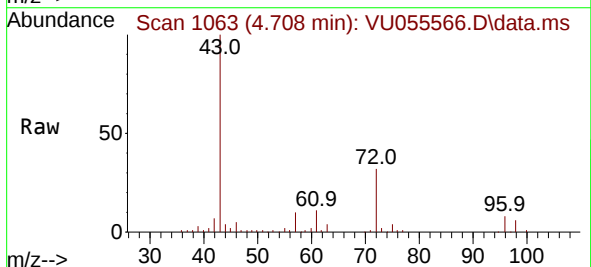
Instrument :
MSVOA_U
ClientSampleId :
EYHY4MSD

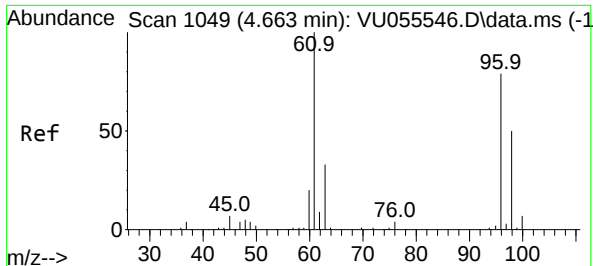
Tgt Ion: 63 Resp: 143464
Ion Ratio Lower Upper
63 100
65 34.4 22.0 41.0
83 13.6 10.1 18.9



#21
2-Butanone
Concen: 49.629 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.001 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

Tgt Ion: 43 Resp: 163729
Ion Ratio Lower Upper
43 100
72 32.6 15.1 45.3

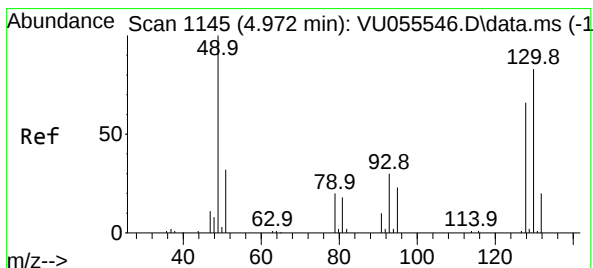
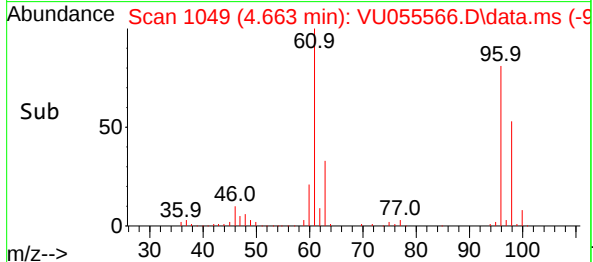
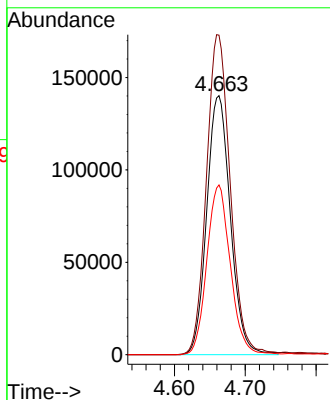
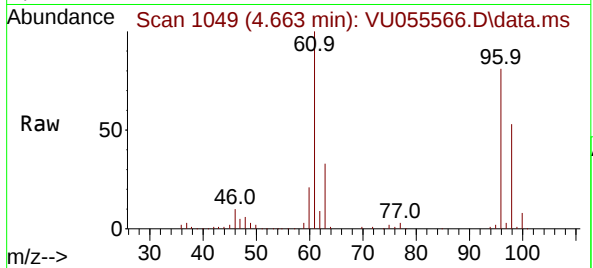




#22
 cis-1,2-Dichloroethene
 Concen: 18.437 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055566.D
 Acq: 27 Sep 2023 21:15

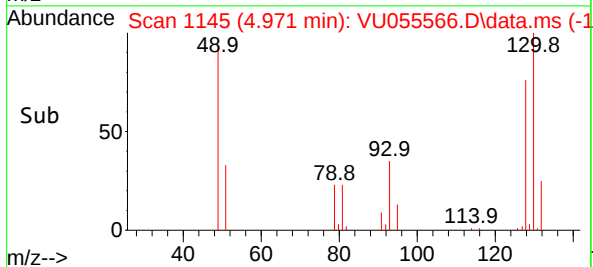
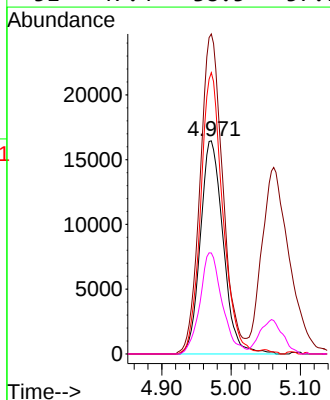
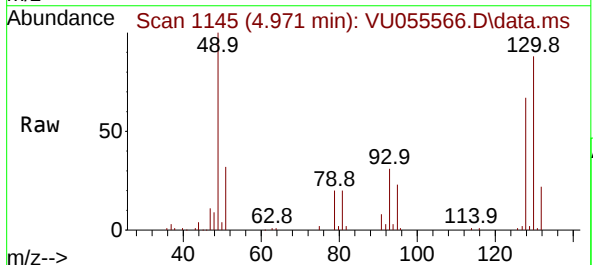
Instrument :
 MSVOA_U
 ClientSampleId :
 EYHY4MSD

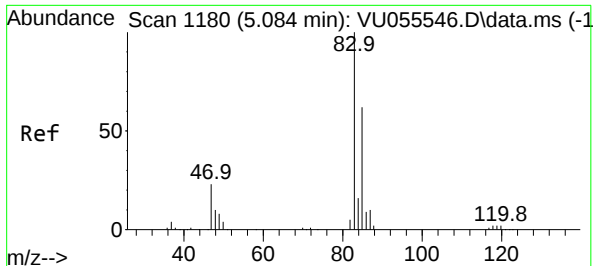
Tgt Ion: 96 Resp: 325613
 Ion Ratio Lower Upper
 96 100
 61 123.4 87.8 163.2
 98 65.6 44.4 82.4



#23
 Bromochloromethane
 Concen: 5.021 ug/L
 RT: 4.971 min Scan# 1145
 Delta R.T. -0.000 min
 Lab File: VU055566.D
 Acq: 27 Sep 2023 21:15

Tgt Ion: 128 Resp: 37482
 Ion Ratio Lower Upper
 128 100
 49 150.2 102.8 191.0
 130 132.1 89.9 166.9
 51 47.4 38.5 57.7

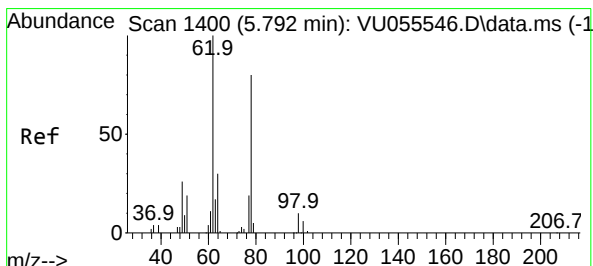
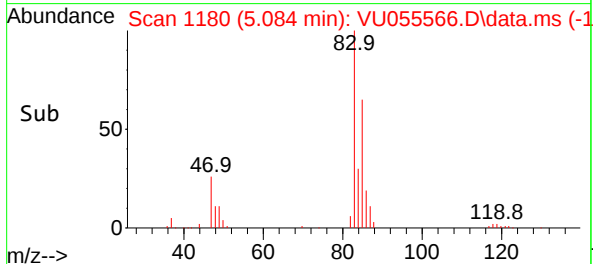
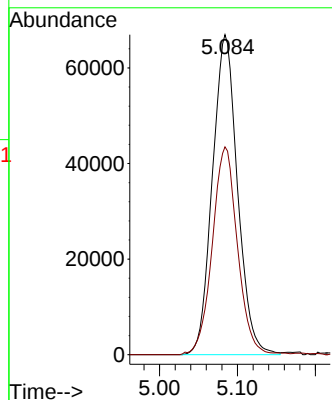
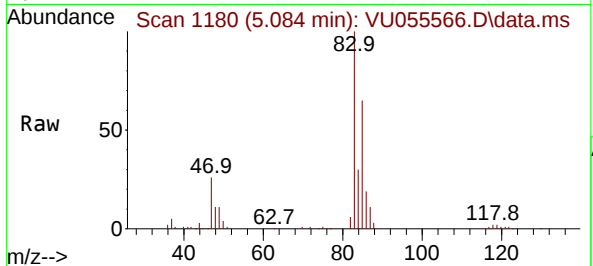




#25
Chloroform
Concen: 5.024 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

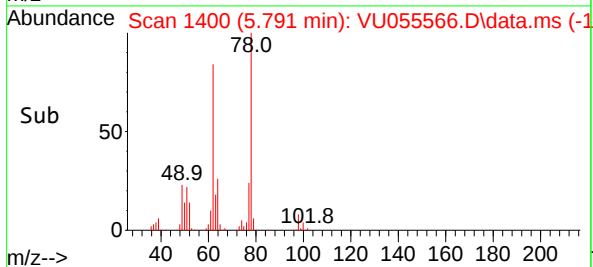
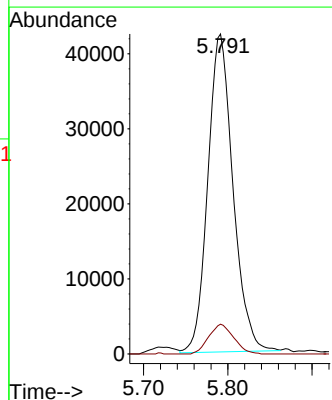
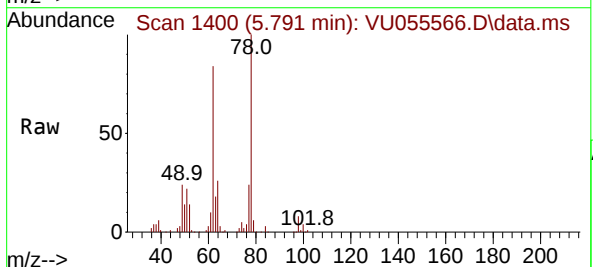
Instrument :
MSVOA_U
ClientSampleId :
EYHY4MSD

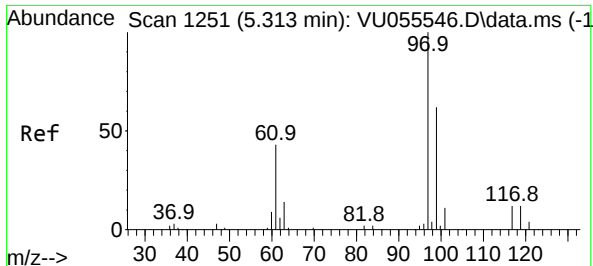
Tgt Ion: 83 Resp: 149858
Ion Ratio Lower Upper
83 100
85 65.0 44.9 83.5



#27
1,2-Dichloroethane
Concen: 4.805 ug/L
RT: 5.791 min Scan# 1400
Delta R.T. -0.000 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

Tgt Ion: 62 Resp: 87893
Ion Ratio Lower Upper
62 100
98 9.3 7.0 10.4

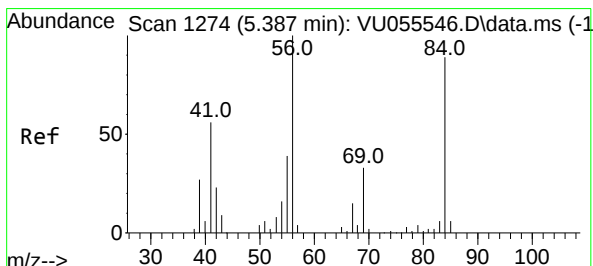
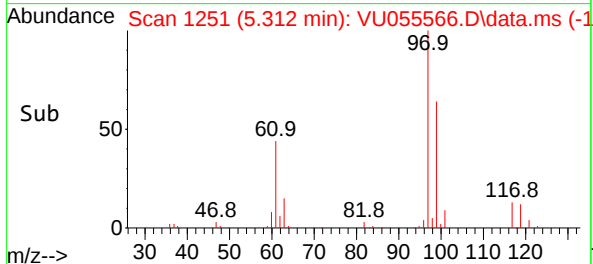
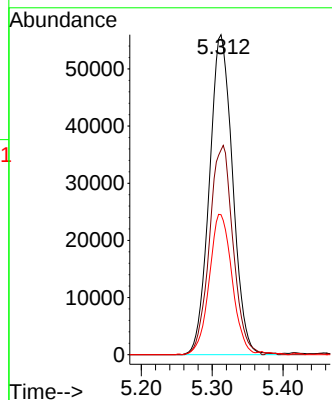
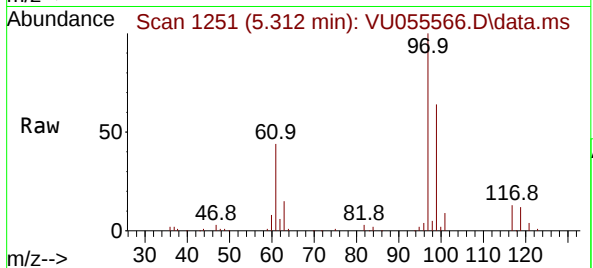




#29
1,1,1-Trichloroethane
Concen: 4.952 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

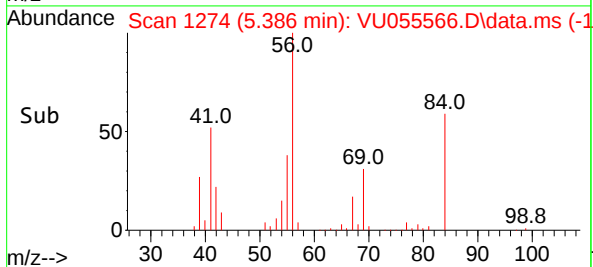
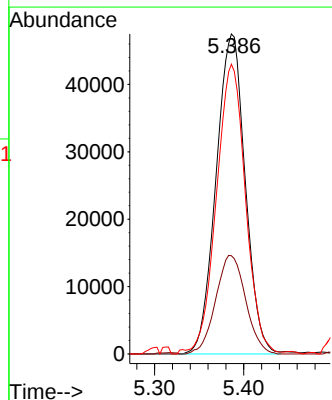
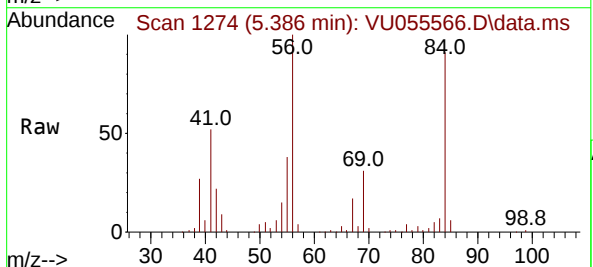
Instrument :
MSVOA_U
ClientSampleId :
EYHY4MSD

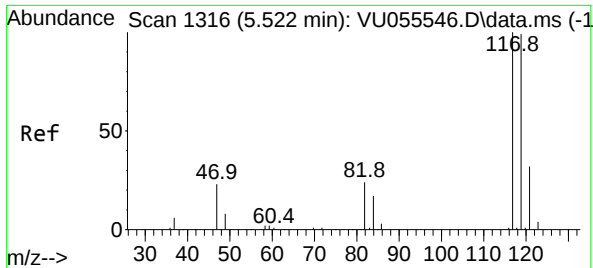
Tgt Ion: 97 Resp: 127829
Ion Ratio Lower Upper
97 100
99 66.2 50.7 76.1
61 43.0 34.6 51.8



#30
Cyclohexane
Concen: 4.562 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. -0.001 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

Tgt Ion: 56 Resp: 107805
Ion Ratio Lower Upper
56 100
69 31.7 26.5 39.7
84 90.5 72.6 108.8

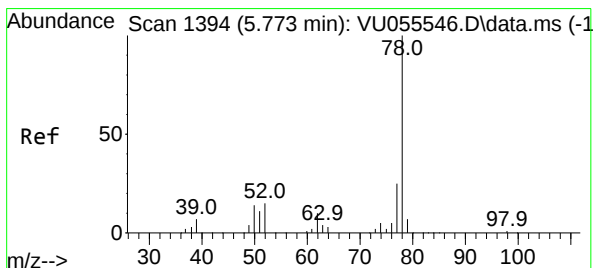
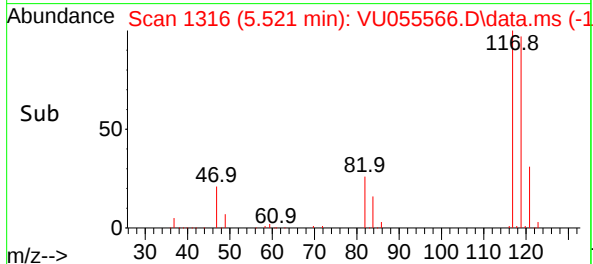
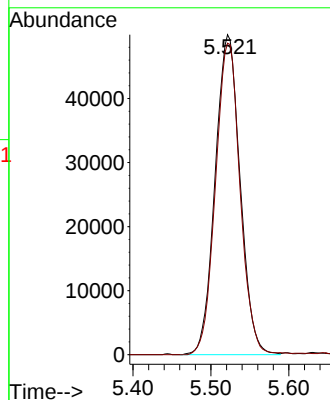
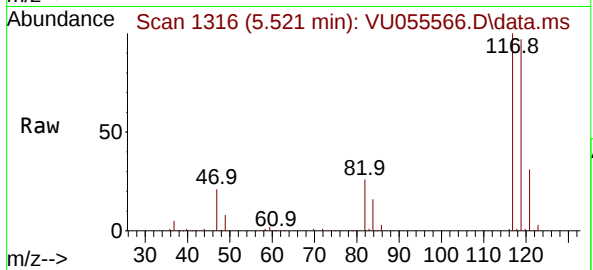




#31
Carbon tetrachloride
Concen: 5.028 ug/L
RT: 5.521 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

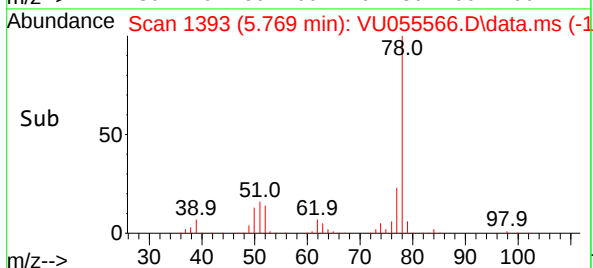
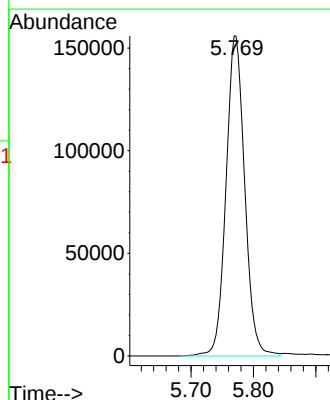
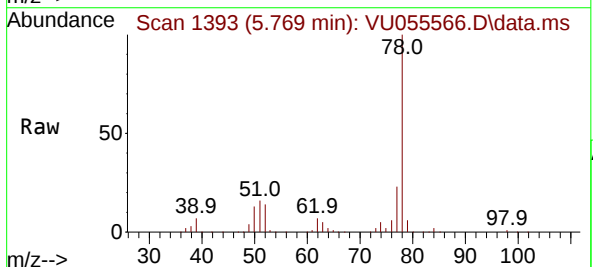
Instrument :
MSVOA_U
ClientSampleId :
EYHY4MSD

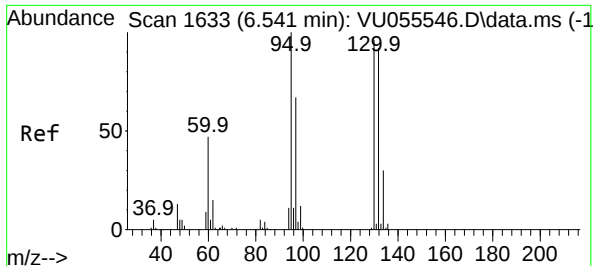
Tgt Ion:117 Resp: 111252
Ion Ratio Lower Upper
117 100
119 96.1 75.2 112.8



#33
Benzene
Concen: 4.973 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.004 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

Tgt Ion: 78 Resp: 324101

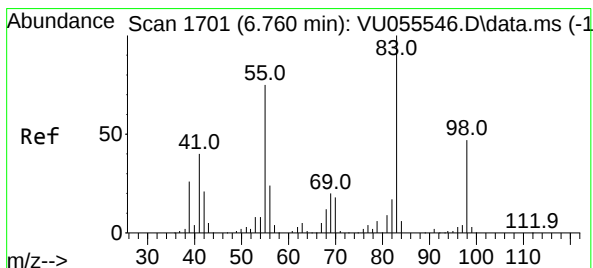
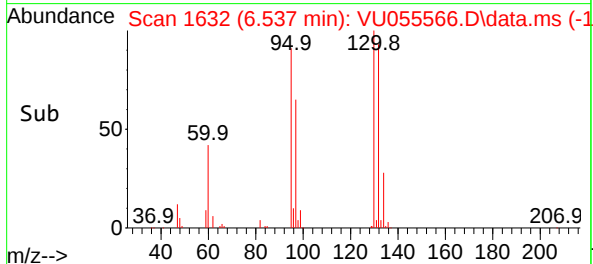
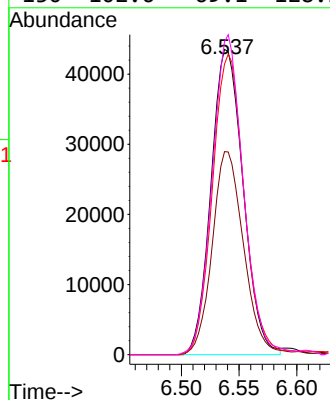
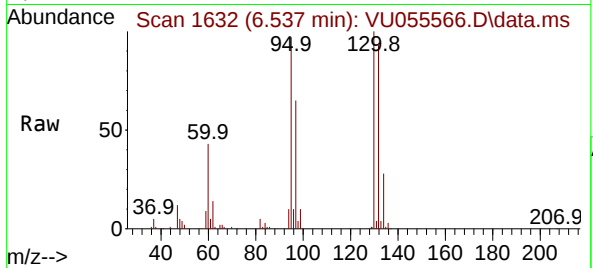




#34
Trichloroethene
Concen: 4.568 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.004 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

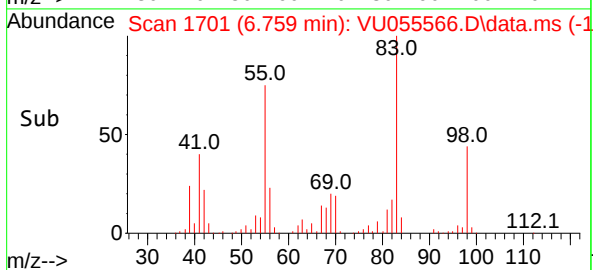
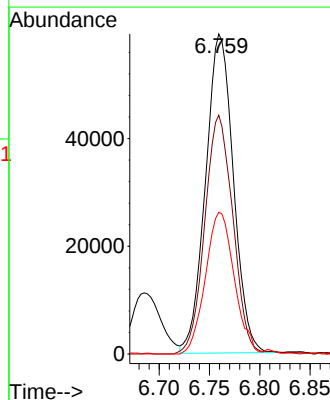
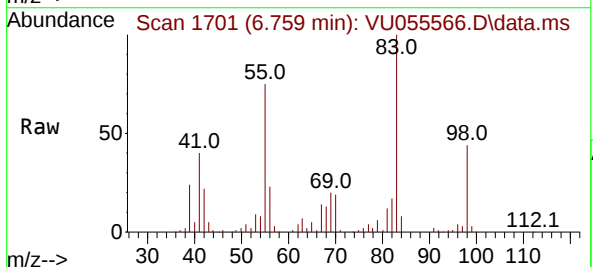
Instrument :
MSVOA_U
ClientSampleId :
EYHY4MSD

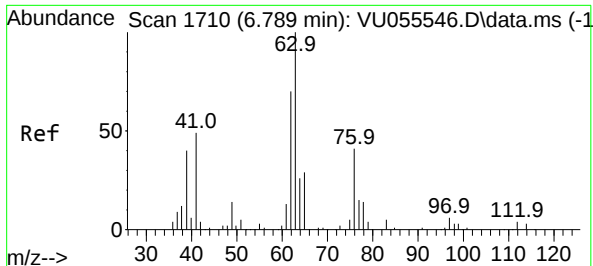
Tgt Ion:	95	Resp:	84214
Ion	Ratio	Lower	Upper
95	100		
97	66.5	45.4	84.2
132	95.2	65.2	121.2
130	102.6	69.1	128.3



#35
Methylcyclohexane
Concen: 4.300 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.001 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

Tgt Ion:	83	Resp:	114198
Ion	Ratio	Lower	Upper
83	100		
55	76.1	59.1	88.7
98	45.9	36.3	54.5





#37

1,2-Dichloropropane

Concen: 4.884 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.004 min

Lab File: VU055566.D

Acq: 27 Sep 2023 21:15

Instrument :

MSVOA_U

ClientSampleId :

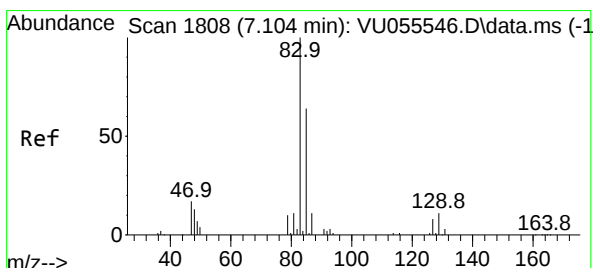
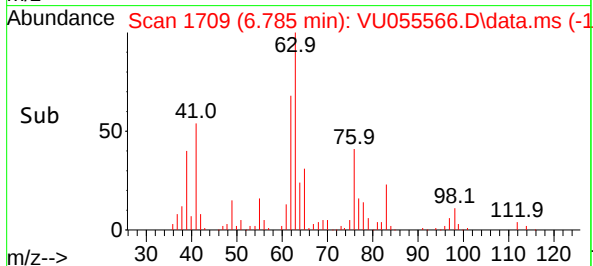
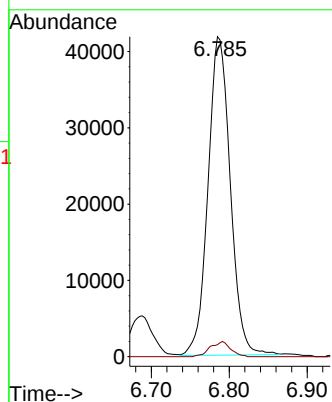
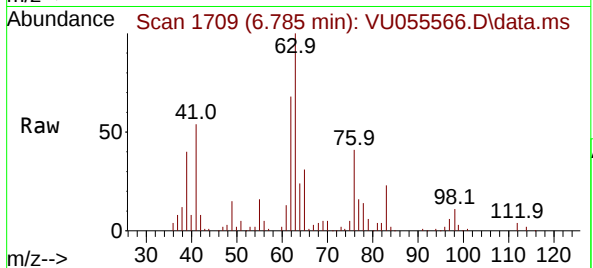
EYHY4MSD

Tgt Ion: 63 Resp: 83244

Ion Ratio Lower Upper

63 100

112 4.3 3.0 4.6



#38

Bromodichloromethane

Concen: 5.223 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VU055566.D

Acq: 27 Sep 2023 21:15

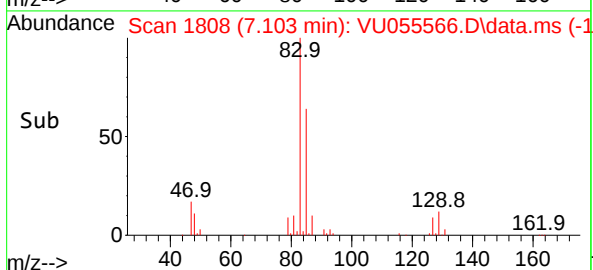
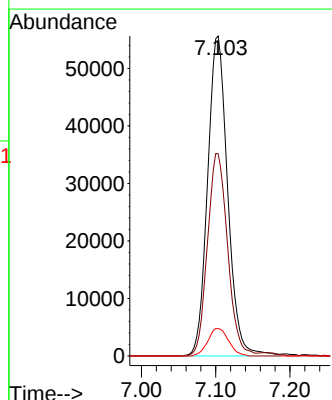
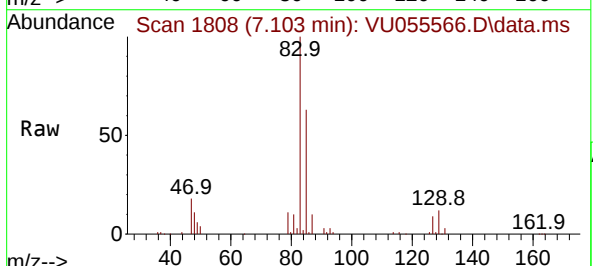
Tgt Ion: 83 Resp: 104323

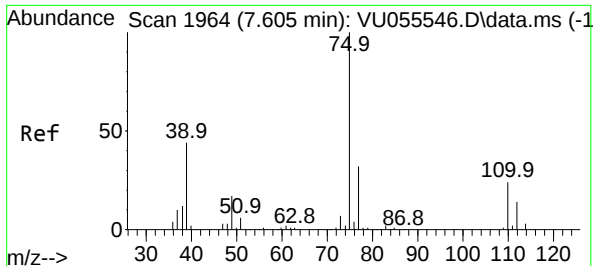
Ion Ratio Lower Upper

83 100

85 63.2 46.8 86.8

127 8.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.066 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU055566.D

Acq: 27 Sep 2023 21:15

Instrument :

MSVOA_U

ClientSampleId :

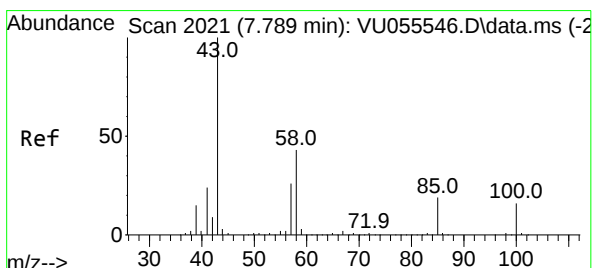
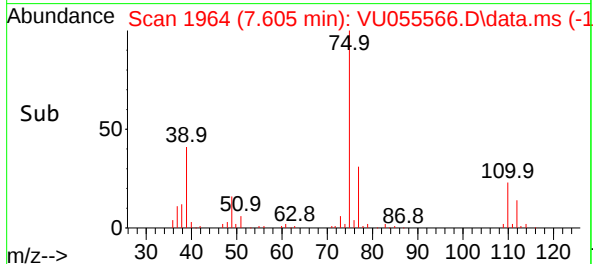
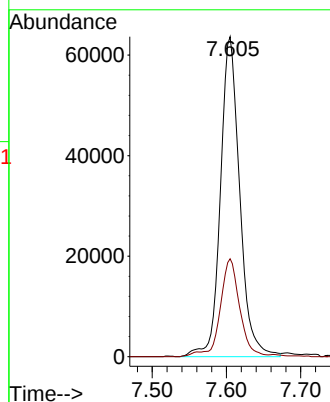
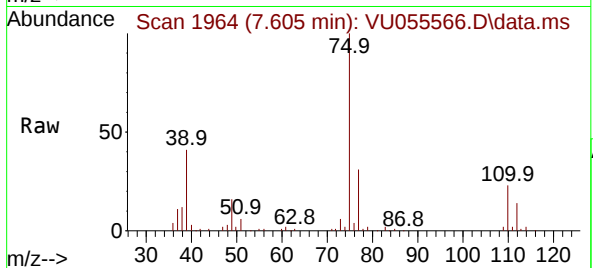
EYHY4MSD

Tgt Ion: 75 Resp: 115239

Ion Ratio Lower Upper

75 100

77 30.6 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 51.066 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU055566.D

Acq: 27 Sep 2023 21:15

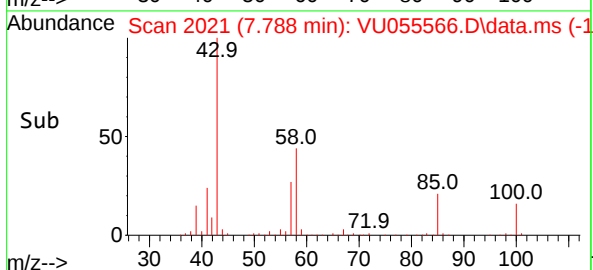
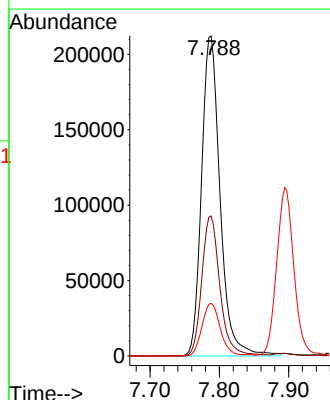
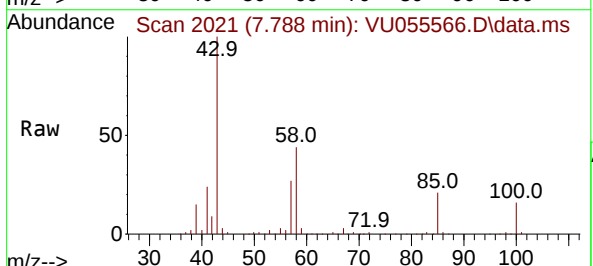
Tgt Ion: 43 Resp: 394816

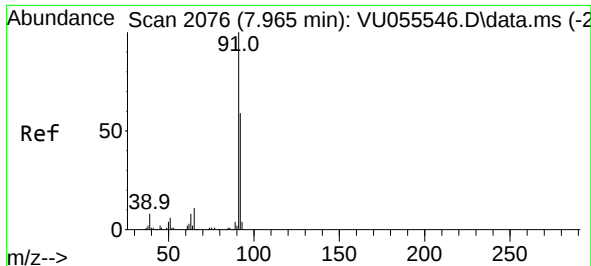
Ion Ratio Lower Upper

43 100

58 42.8 34.2 51.4

100 16.2 13.4 20.0





#42

Toluene

Concen: 4.991 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU055566.D

Acq: 27 Sep 2023 21:15

Instrument :

MSVOA_U

ClientSampleId :

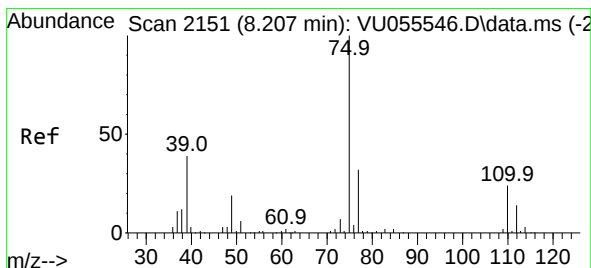
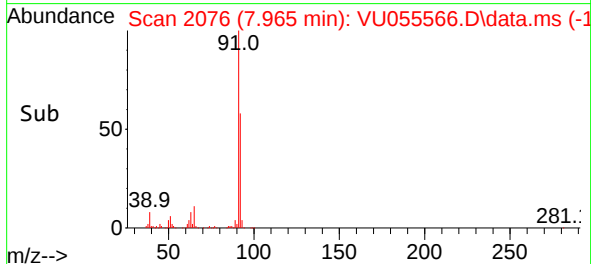
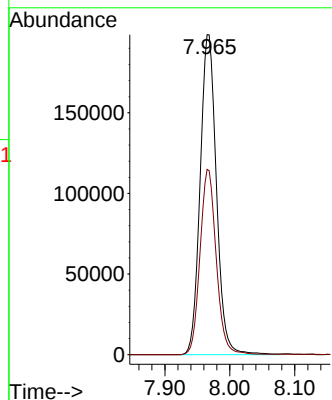
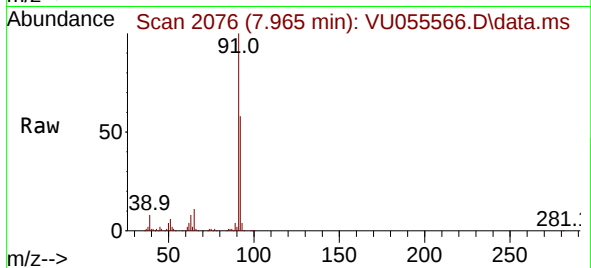
EYHY4MSD

Tgt Ion: 91 Resp: 346957

Ion Ratio Lower Upper

91 100

92 57.9 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.186 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU055566.D

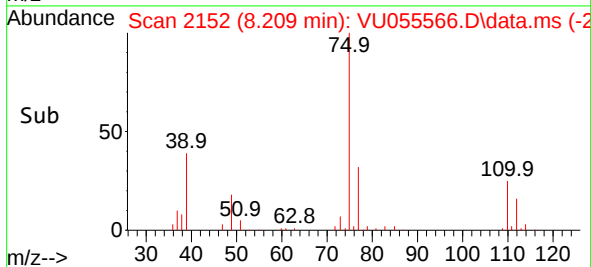
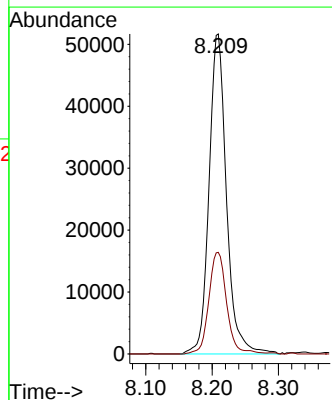
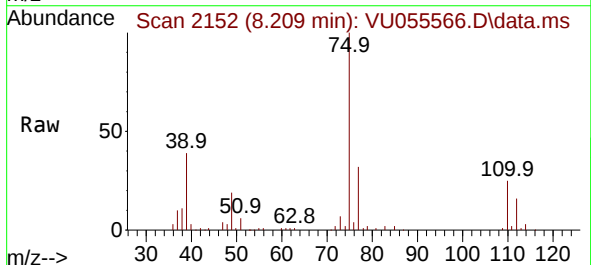
Acq: 27 Sep 2023 21:15

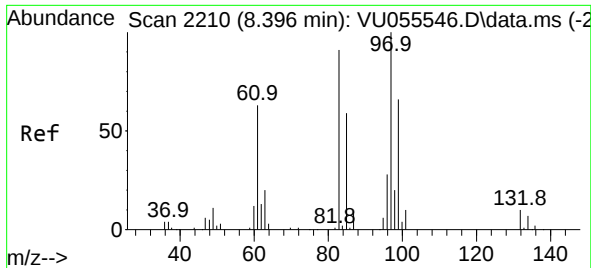
Tgt Ion: 75 Resp: 94393

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.4

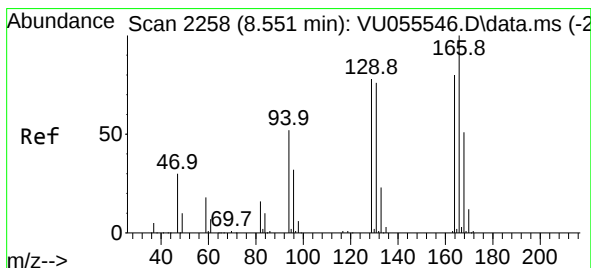
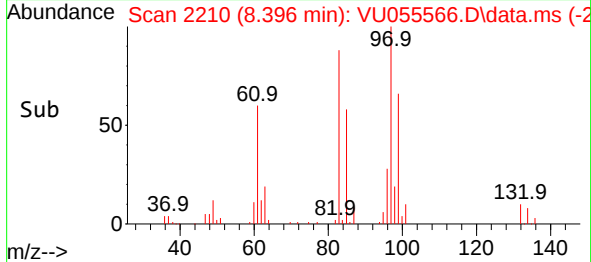
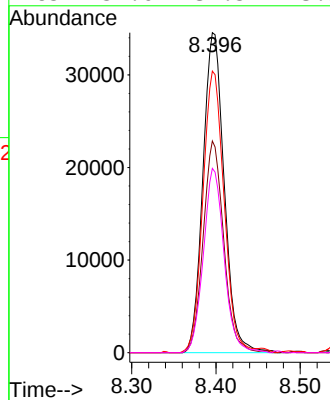
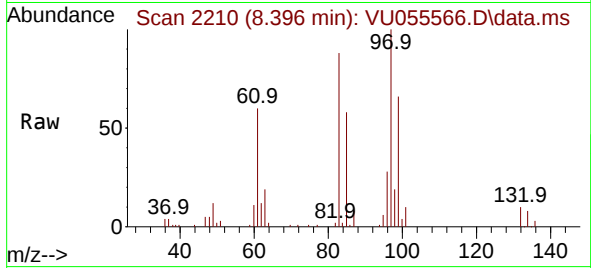




#45
1,1,2-Trichloroethane
Concen: 5.089 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.001 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

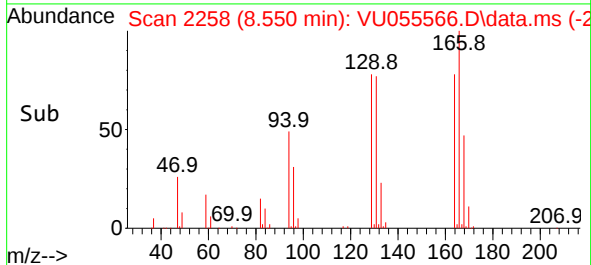
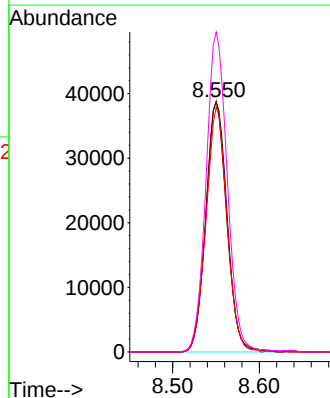
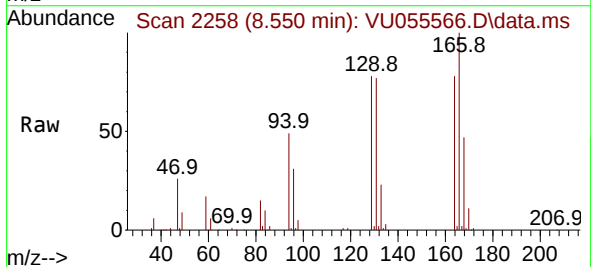
Instrument :
MSVOA_U
ClientSampleId :
EYHY4MSD

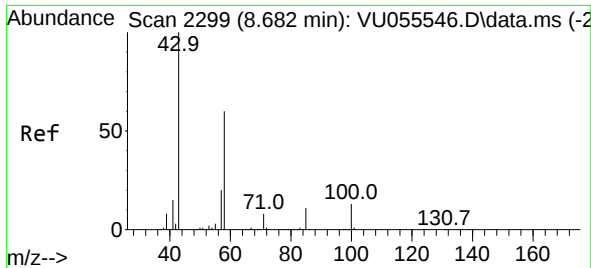
Tgt Ion:	97	Resp:	60812
Ion	Ratio	Lower	Upper
97	100		
99	66.2	44.1	81.9
83	88.0	61.5	114.1
85	57.6	39.5	73.3



#47
Tetrachloroethene
Concen: 5.002 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.001 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

Tgt Ion:	164	Resp:	66143
Ion	Ratio	Lower	Upper
164	100		
129	100.2	67.4	125.2
131	98.0	66.4	123.2
166	128.0	88.8	165.0

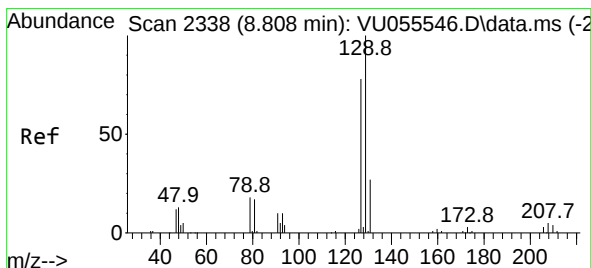
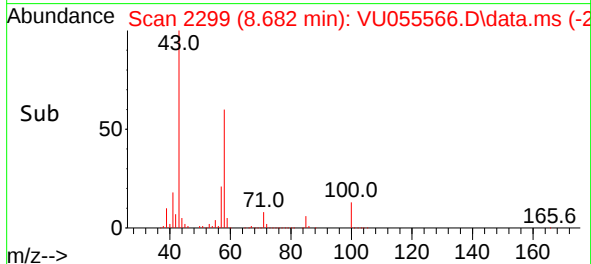
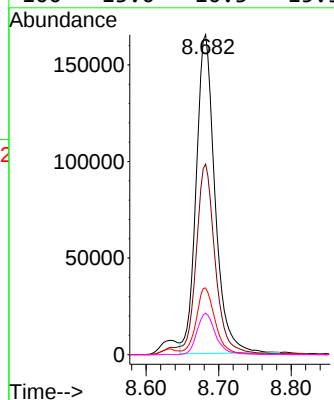
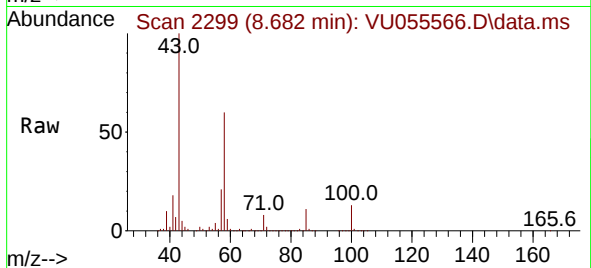




#48
2-Hexanone
Concen: 49.656 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.001 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

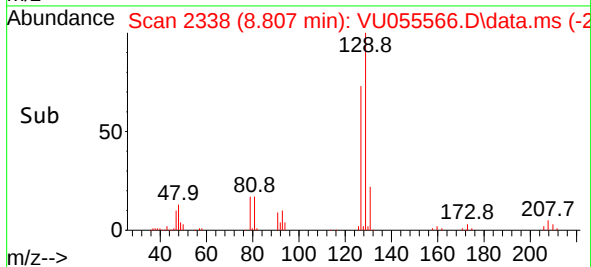
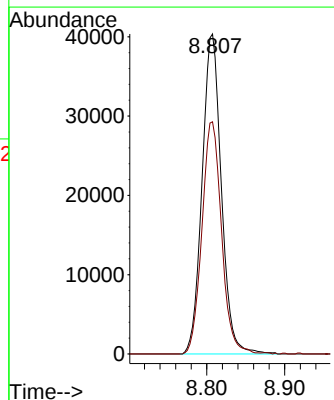
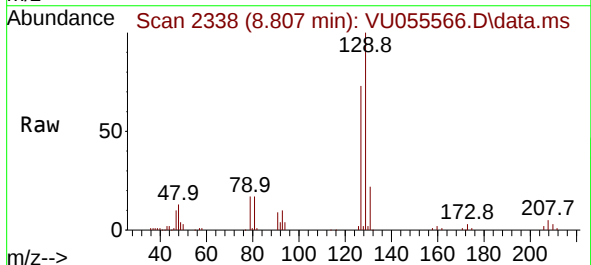
Instrument :
MSVOA_U
ClientSampleId :
EYHY4MSD

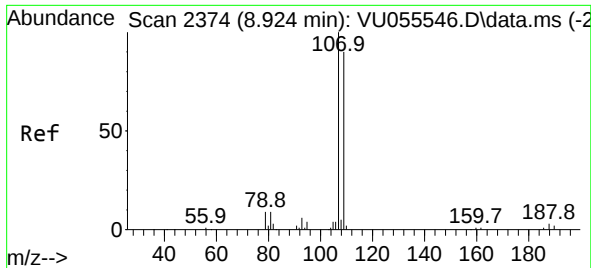
Tgt Ion: 43 Resp: 297540
Ion Ratio Lower Upper
43 100
58 62.2 48.5 72.7
57 20.9 17.0 25.4
100 13.0 10.3 15.5



#49
Dibromochloromethane
Concen: 5.525 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.001 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

Tgt Ion:129 Resp: 69214
Ion Ratio Lower Upper
129 100
127 72.5 56.8 105.6





#50

1,2-Dibromoethane

Concen: 5.115 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.004 min

Lab File: VU055566.D

Acq: 27 Sep 2023 21:15

Instrument :

MSVOA_U

ClientSampleId :

EYHY4MSD

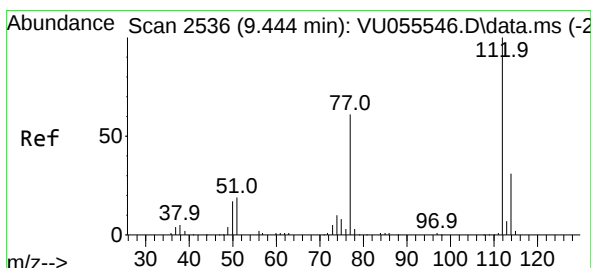
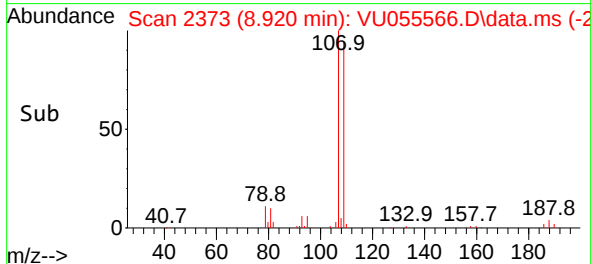
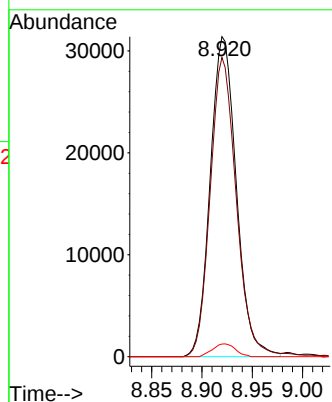
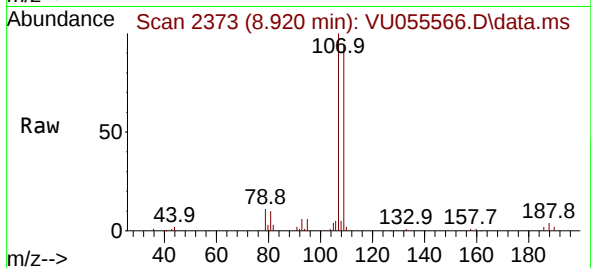
Tgt Ion:107 Resp: 56725

Ion Ratio Lower Upper

107 100

109 93.5 66.1 122.8

188 4.0 3.2 4.8



#51

Chlorobenzene

Concen: 4.919 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

Lab File: VU055566.D

Acq: 27 Sep 2023 21:15

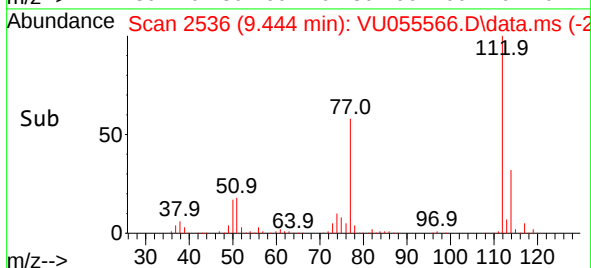
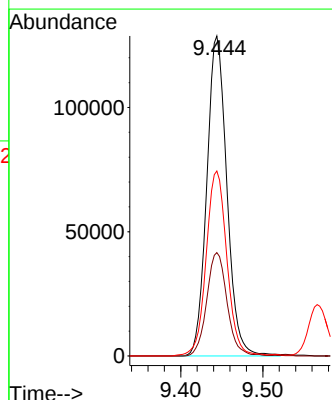
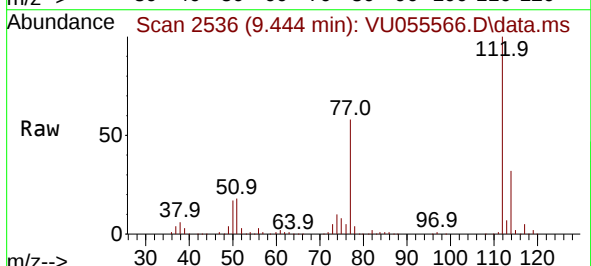
Tgt Ion:112 Resp: 219033

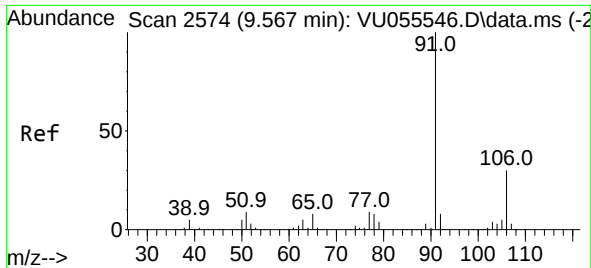
Ion Ratio Lower Upper

112 100

114 32.3 22.0 40.8

77 57.8 46.9 70.3

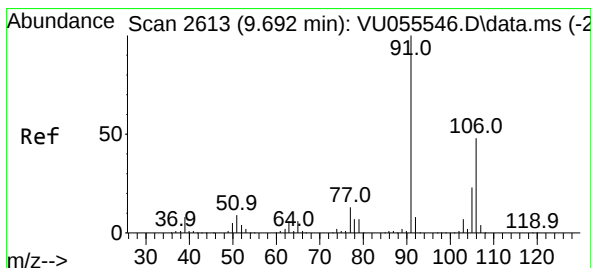
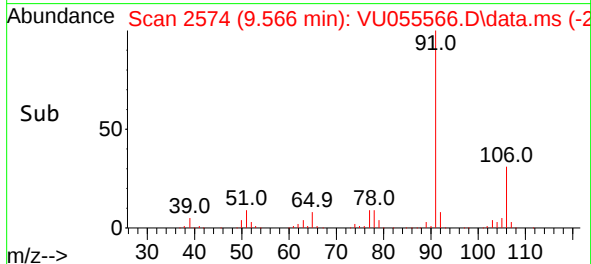
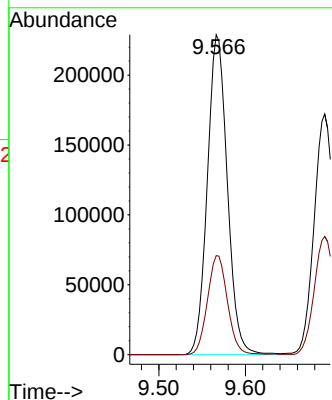
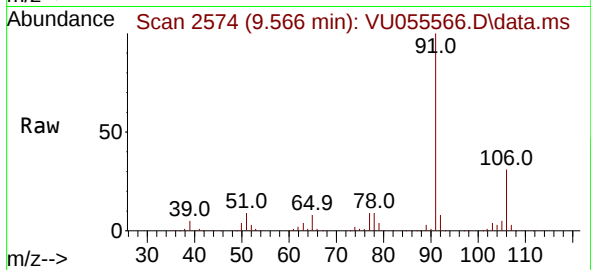




#52
Ethylbenzene
Concen: 4.922 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.001 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

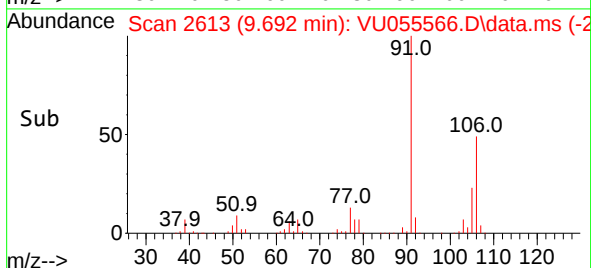
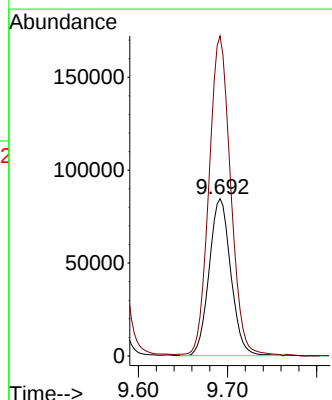
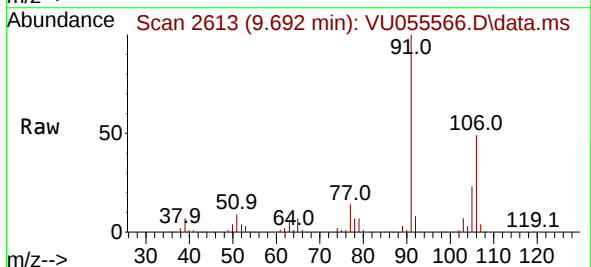
Instrument :
MSVOA_U
ClientSampleId :
EYHY4MSD

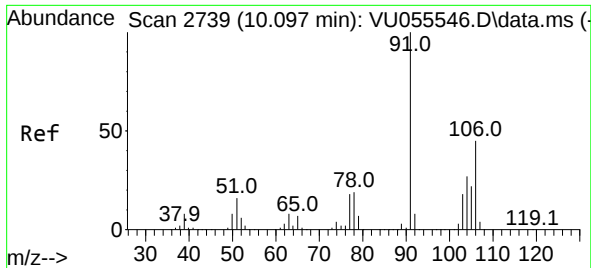
Tgt Ion: 91 Resp: 366804
Ion Ratio Lower Upper
91 100
106 31.0 22.4 41.6



#53
m,p-Xylene
Concen: 5.091 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.001 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

Tgt Ion: 106 Resp: 142192
Ion Ratio Lower Upper
106 100
91 203.5 144.8 269.0

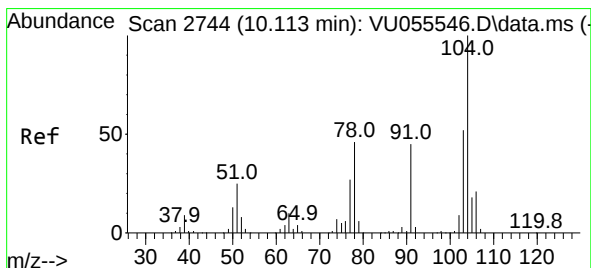
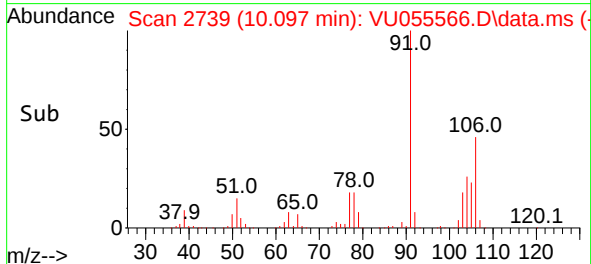
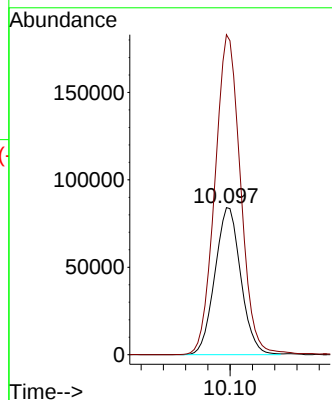
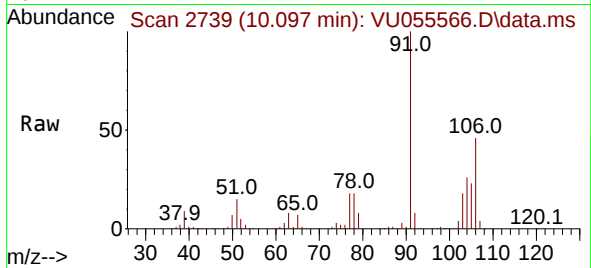




#54
o-Xylene
Concen: 4.994 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.001 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

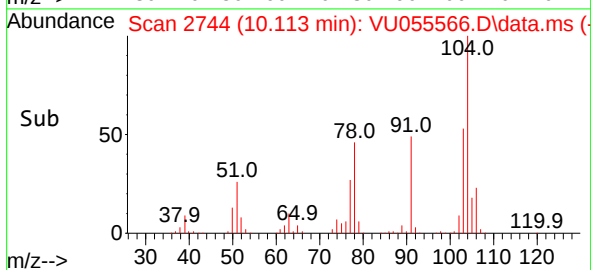
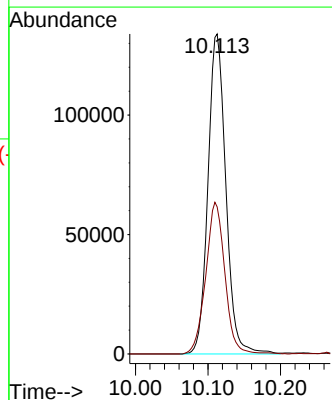
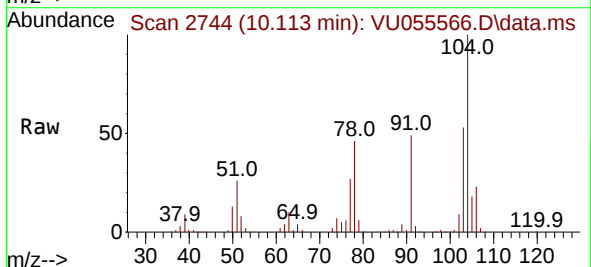
Instrument :
MSVOA_U
ClientSampleId :
EYHY4MSD

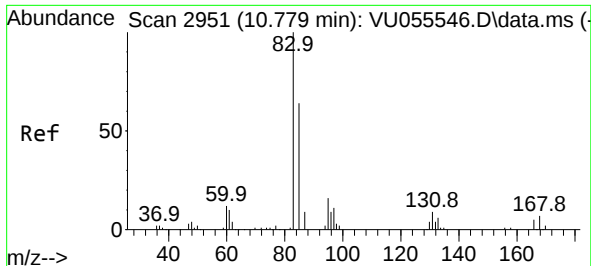
Tgt Ion:106 Resp: 135614
Ion Ratio Lower Upper
106 100
91 217.7 157.6 292.8



#55
Styrene
Concen: 5.232 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

Tgt Ion:104 Resp: 229703
Ion Ratio Lower Upper
104 100
78 46.0 31.2 58.0





#57

1,1,2-Tetrachloroethane

Concen: 5.335 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.001 min

Lab File: VU055566.D

Acq: 27 Sep 2023 21:15

Instrument :

MSVOA_U

ClientSampleId :

EYHY4MSD

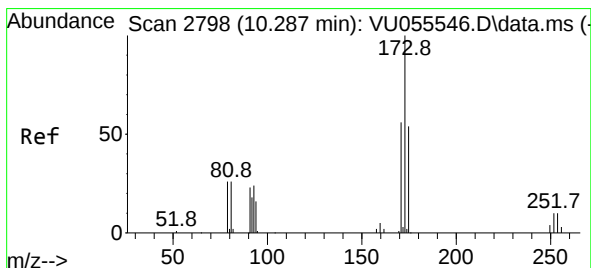
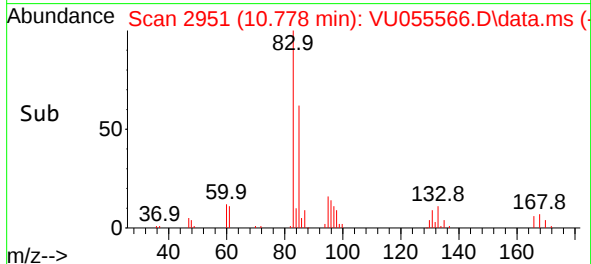
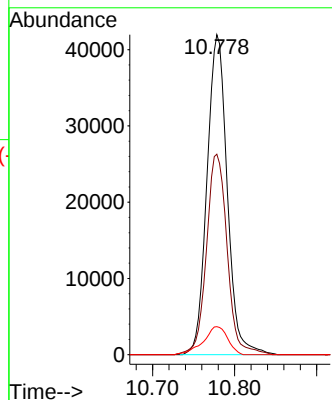
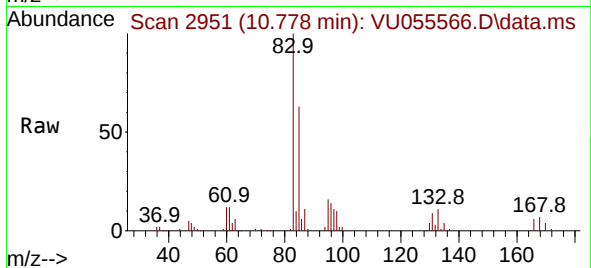
Tgt Ion: 83 Resp: 71972

Ion Ratio Lower Upper

83 100

85 62.7 44.4 82.5

131 8.7 7.4 11.2



#59

Bromoform

Concen: 5.345 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. 0.003 min

Lab File: VU055566.D

Acq: 27 Sep 2023 21:15

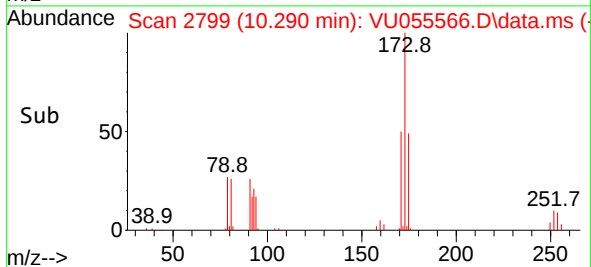
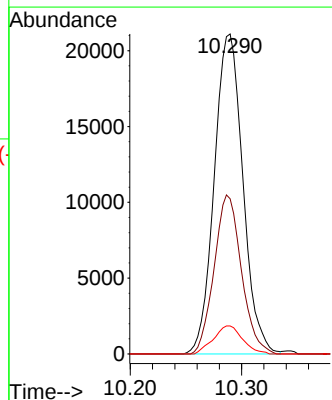
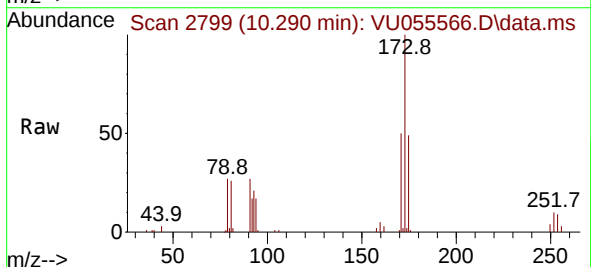
Tgt Ion:173 Resp: 37634

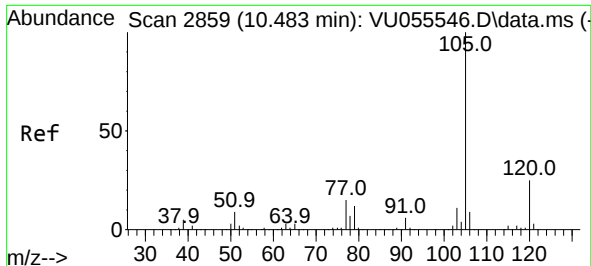
Ion Ratio Lower Upper

173 100

175 47.3 39.4 59.2

254 9.0 7.3 10.9

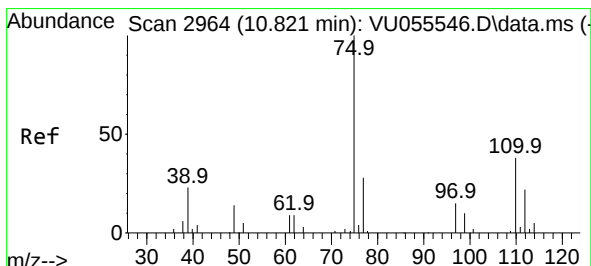
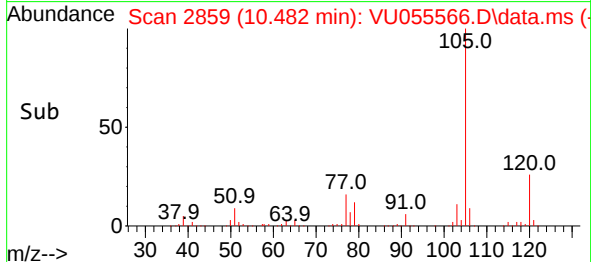
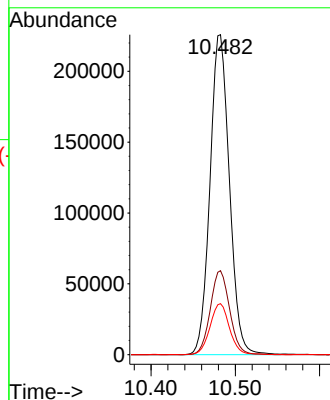
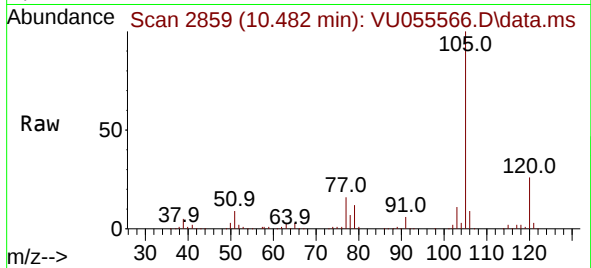




#60
Isopropylbenzene
Concen: 4.778 ug/L
RT: 10.482 min Scan# 2859
Delta R.T. -0.001 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

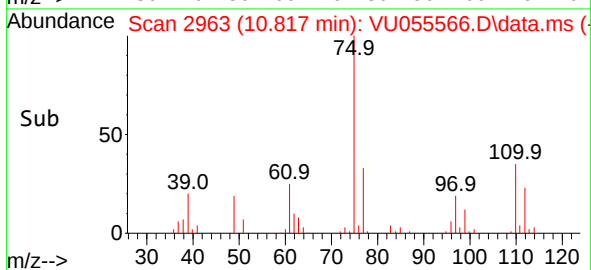
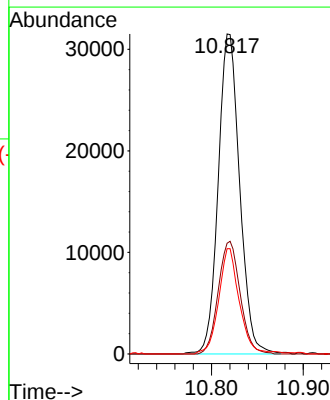
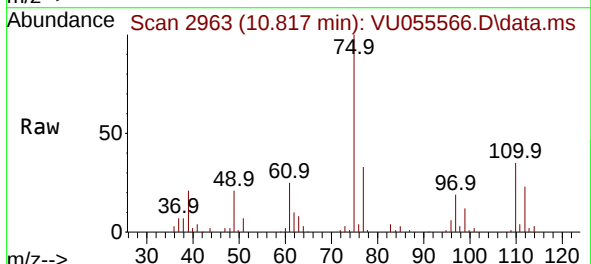
Instrument :
MSVOA_U
ClientSampleId :
EYHY4MSD

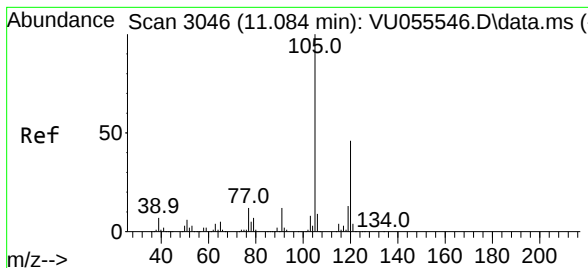
Tgt Ion:105 Resp: 361733
Ion Ratio Lower Upper
105 100
120 26.2 20.8 31.2
77 16.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.990 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.004 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

Tgt Ion: 75 Resp: 51171
Ion Ratio Lower Upper
75 100
110 35.9 30.6 45.8
77 31.8 26.7 40.1

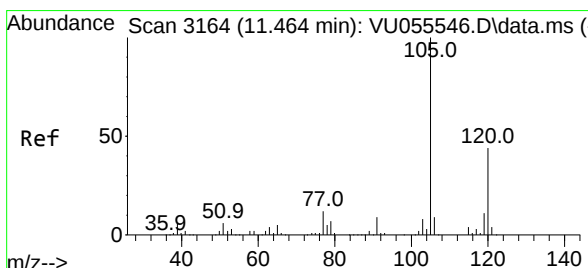
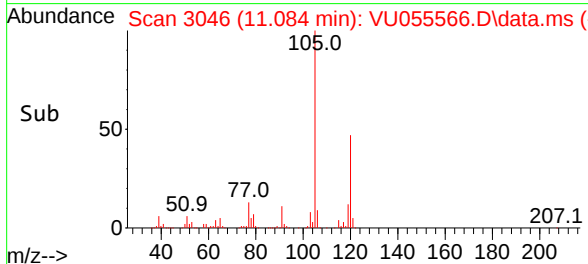
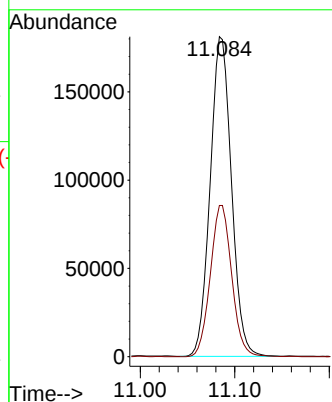
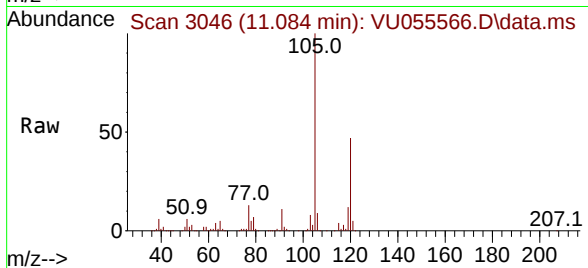




#62
 1,3,5-Trimethylbenzene
 Concen: 4.678 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.001 min
 Lab File: VU055566.D
 Acq: 27 Sep 2023 21:15

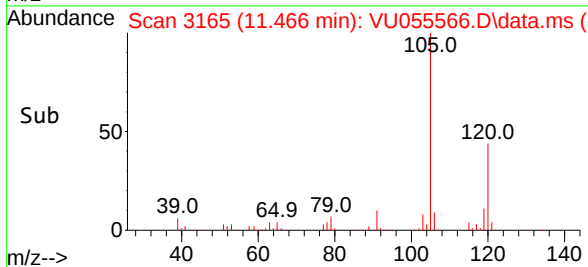
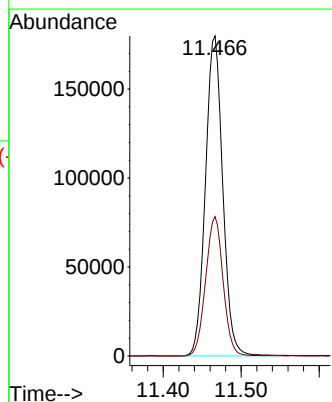
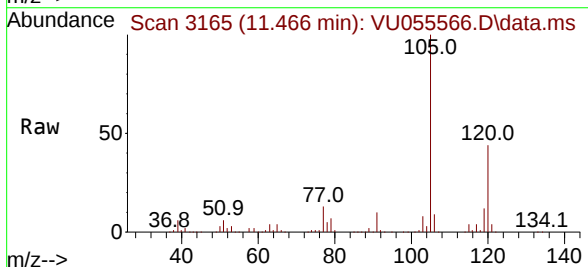
Instrument :
 MSVOA_U
 ClientSampleId :
 EYHY4MSD

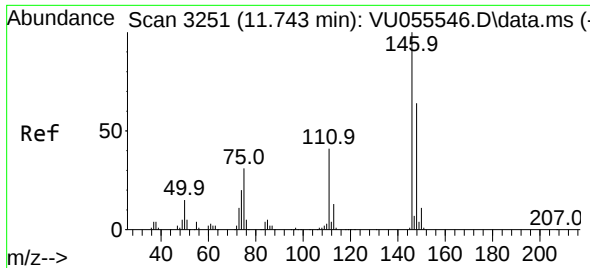
Tgt Ion:105 Resp: 283233
 Ion Ratio Lower Upper
 105 100
 120 47.5 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 4.690 ug/L
 RT: 11.466 min Scan# 3165
 Delta R.T. 0.003 min
 Lab File: VU055566.D
 Acq: 27 Sep 2023 21:15

Tgt Ion:105 Resp: 277930
 Ion Ratio Lower Upper
 105 100
 120 43.9 34.9 52.3

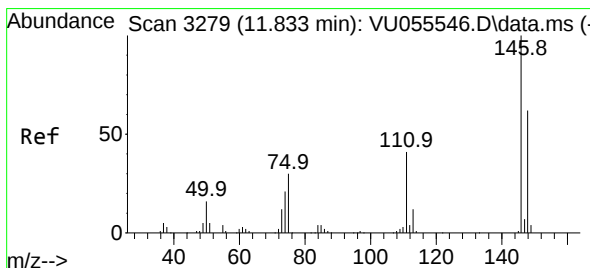
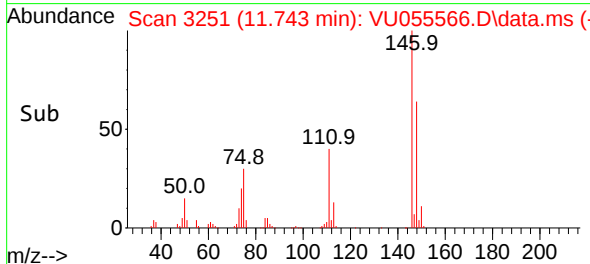
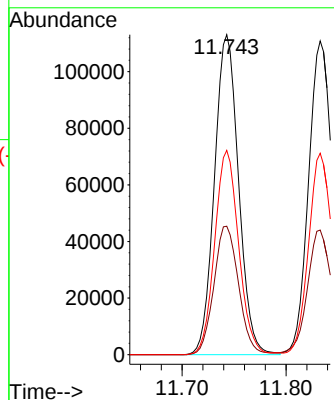
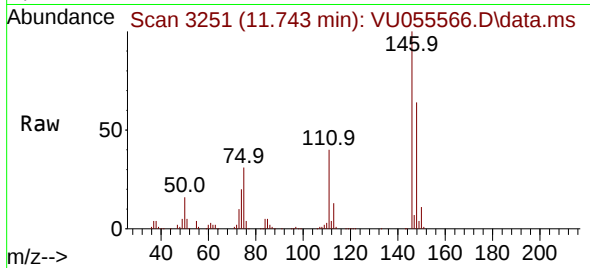




#64
1,3-Dichlorobenzene
Concen: 5.027 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.001 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

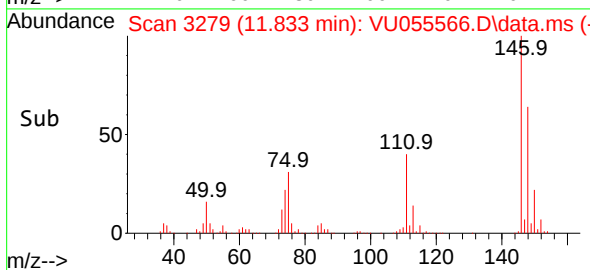
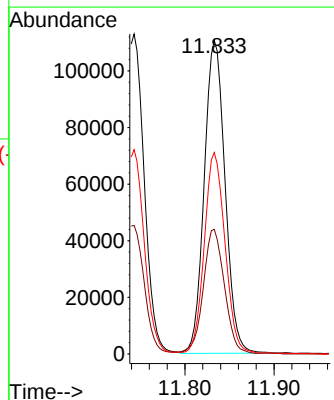
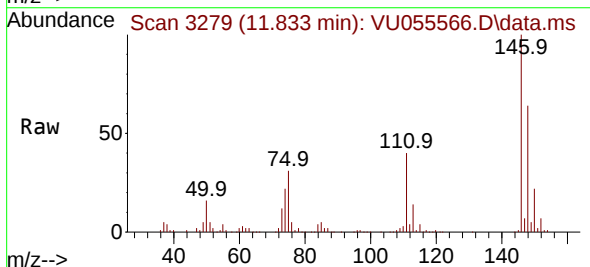
Instrument :
MSVOA_U
ClientSampleId :
EYHY4MSD

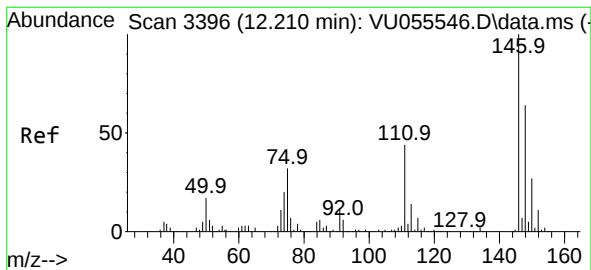
Tgt Ion:146 Resp: 182213
Ion Ratio Lower Upper
146 100
111 40.2 28.8 53.6
148 63.8 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.952 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.001 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

Tgt Ion:146 Resp: 179398
Ion Ratio Lower Upper
146 100
111 39.7 29.0 53.8
148 64.2 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 5.030 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.001 min

Lab File: VU055566.D

Acq: 27 Sep 2023 21:15

Instrument :

MSVOA_U

ClientSampleId :

EYHY4MSD

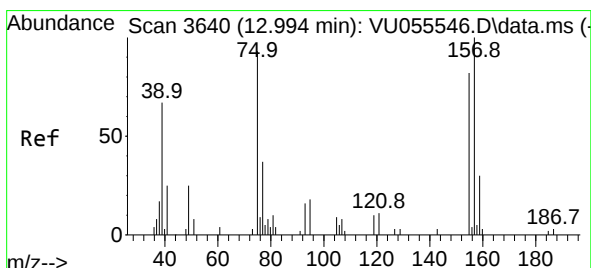
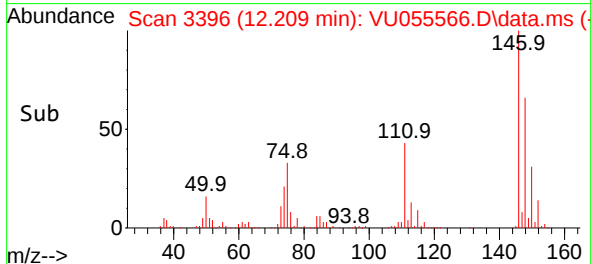
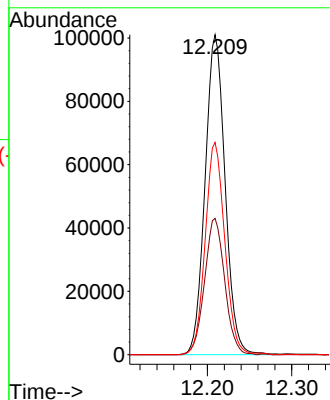
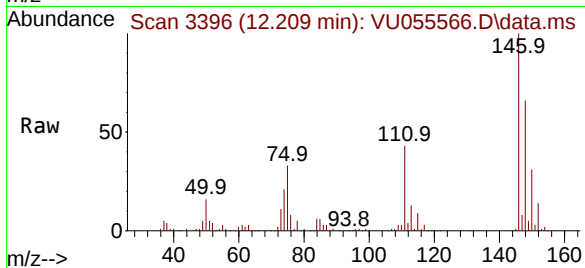
Tgt Ion:146 Resp: 167174

Ion Ratio Lower Upper

146 100

111 42.6 34.6 52.0

148 66.3 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.039 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.001 min

Lab File: VU055566.D

Acq: 27 Sep 2023 21:15

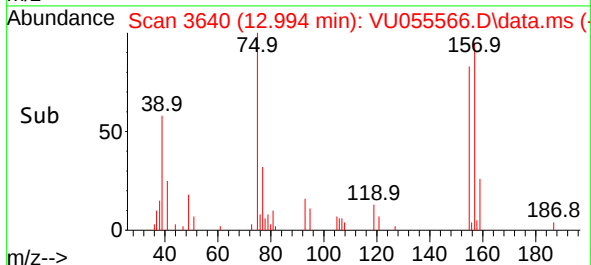
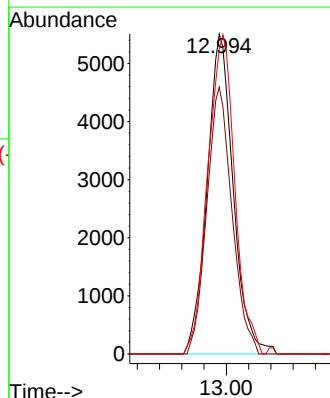
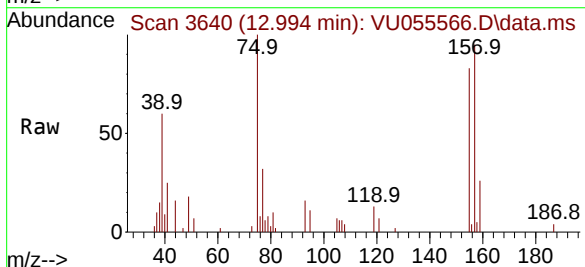
Tgt Ion: 75 Resp: 8957

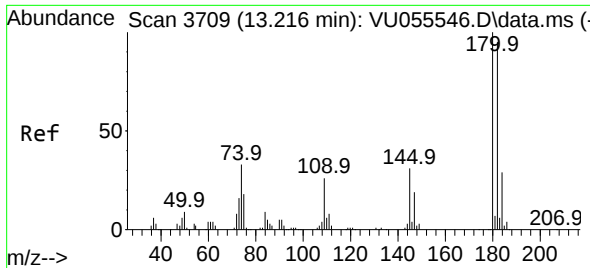
Ion Ratio Lower Upper

75 100

155 83.4 69.2 103.8

157 95.2 81.9 122.9

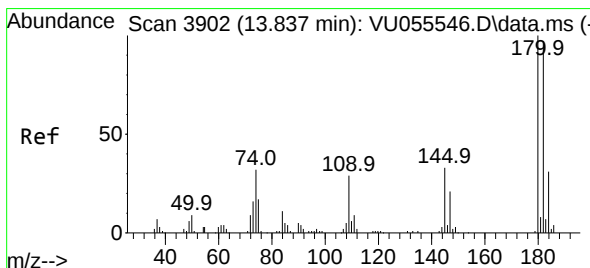
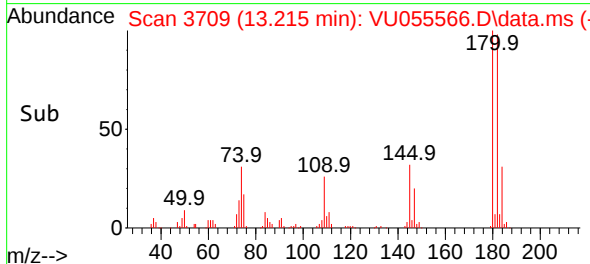
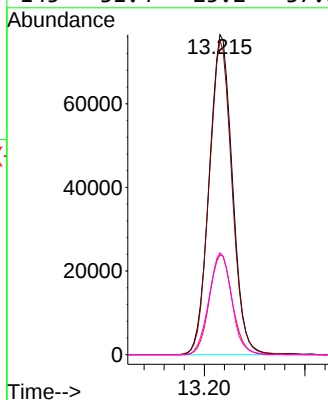
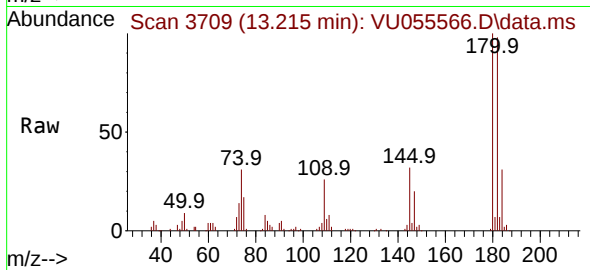




#69
 1,3,5-Trichlorobenzene
 Concen: 4.903 ug/L
 RT: 13.215 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: VU055566.D
 Acq: 27 Sep 2023 21:15

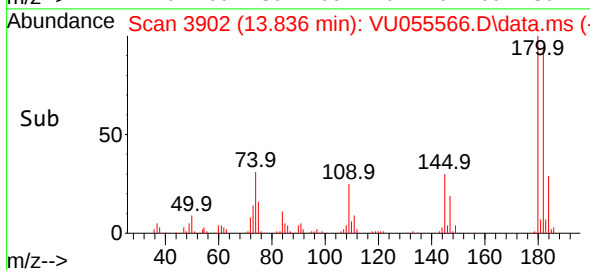
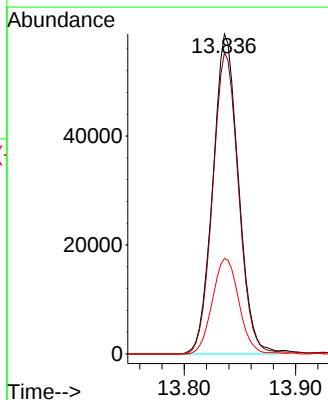
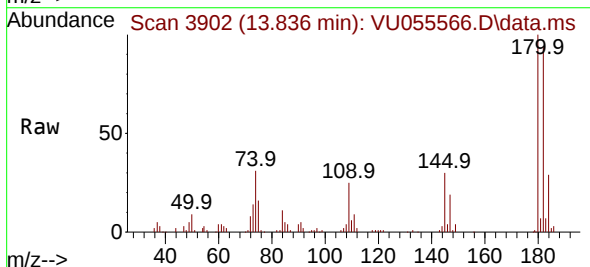
Instrument :
 MSVOA_U
 ClientSampleId :
 EYHY4MSD

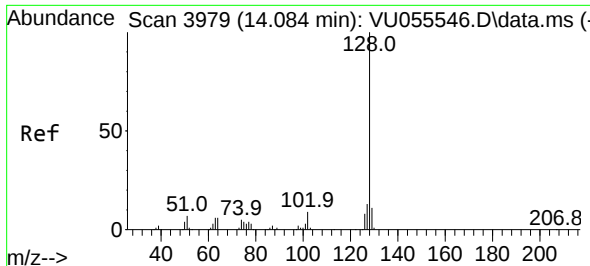
Tgt Ion:	180	Resp:	122402
Ion Ratio	Lower	Upper	
180	100		
182	96.7	77.1	115.7
184	30.9	24.0	36.0
145	31.4	25.2	37.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.934 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.001 min
 Lab File: VU055566.D
 Acq: 27 Sep 2023 21:15

Tgt Ion:	180	Resp:	93896
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.4	114.6
145	31.0	25.4	38.0

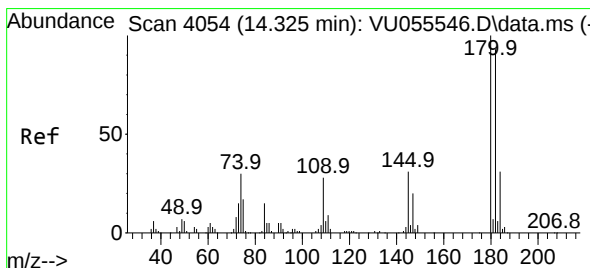
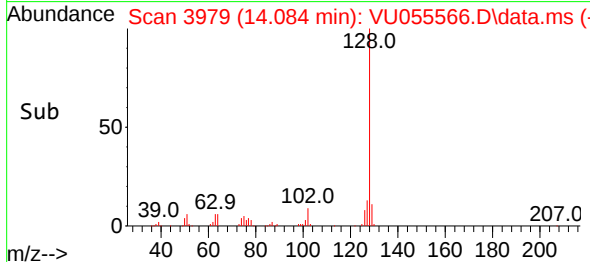
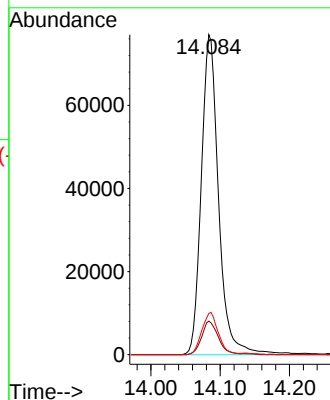
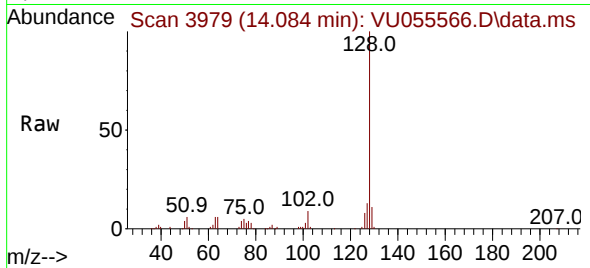




#71
Naphthalene
Concen: 4.825 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.001 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

Instrument :
MSVOA_U
ClientSampleId :
EYHY4MSD

Tgt Ion:128 Resp: 132951
Ion Ratio Lower Upper
128 100
129 10.1 8.5 12.7
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.977 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU055566.D
Acq: 27 Sep 2023 21:15

Tgt Ion:180 Resp: 82418
Ion Ratio Lower Upper
180 100
182 96.5 76.2 114.4
145 33.9 26.0 39.0

