

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055039.D
 Acq On : 01 Sep 2023 14:05
 Operator : MD/SY
 Sample : VSTD01052
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 23:23:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:21:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	196937	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	201809	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	115444	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	94853	13.964	ug/L	0.00
7) Chloroethane-d5	1.907	69	113125	13.150	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	55818	14.459	ug/L	0.00
20) 2-Butanone-d5	4.624	46	309778	95.147	ug/L	0.00
24) Chloroform-d	5.058	84	267956	11.446	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	133172	10.816	ug/L	0.00
32) Benzene-d6	5.724	84	524632	11.237	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	166943	10.482	ug/L	0.00
41) Toluene-d8	7.894	98	488532	11.025	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	48598	9.513	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	208648	87.605	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	122005	9.180	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	169901	9.368	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	123742	10.145	ug/L	96
3) Chloromethane	1.515	50	123864	9.775	ug/L	100
5) Vinyl chloride	1.602	62	131458	10.078	ug/L	95
6) Bromomethane	1.853	94	78702	9.676	ug/L	99
8) Chloroethane	1.930	64	84680	9.828	ug/L	97
9) Trichlorofluoromethane	2.133	101	187578	10.041	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	110679	10.748	ug/L	99
12) 1,1-Dichloroethene	2.576	96	94902	10.571	ug/L	95
13) Acetone	2.634	43	189869	103.233	ug/L	99
14) Carbon disulfide	2.788	76	233753	9.659	ug/L	98
15) Methyl Acetate	2.952	43	39212	10.586	ug/L	94
16) Methylene chloride	3.039	84	114067	8.058	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	262585	10.199	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	98884	10.186	ug/L	95
19) 1,1-Dichloroethane	3.866	63	213423	10.461	ug/L	98
21) 2-Butanone	4.708	43	290890	103.640	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	122034	10.663	ug/L	95
23) Bromochloromethane	4.975	128	51634	10.363	ug/L	97
25) Chloroform	5.084	83	224472	10.057	ug/L	97
27) 1,2-Dichloroethane	5.792	62	140563	10.313	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	186082	9.404	ug/L	99
30) Cyclohexane	5.383	56	165764	9.548	ug/L	99
31) Carbon tetrachloride	5.521	117	154688	9.215	ug/L	97
33) Benzene	5.772	78	452646	9.593	ug/L	100
34) Trichloroethene	6.541	95	125455	9.661	ug/L	96
35) Methylcyclohexane	6.759	83	182614	9.560	ug/L	100
37) 1,2-Dichloropropane	6.788	63	124311	9.443	ug/L	99
38) Bromodichloromethane	7.103	83	151680	9.396	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	181265	9.713	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	728054	99.532	ug/L	100
42) Toluene	7.965	91	500790	9.663	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	143939	9.391	ug/L	95

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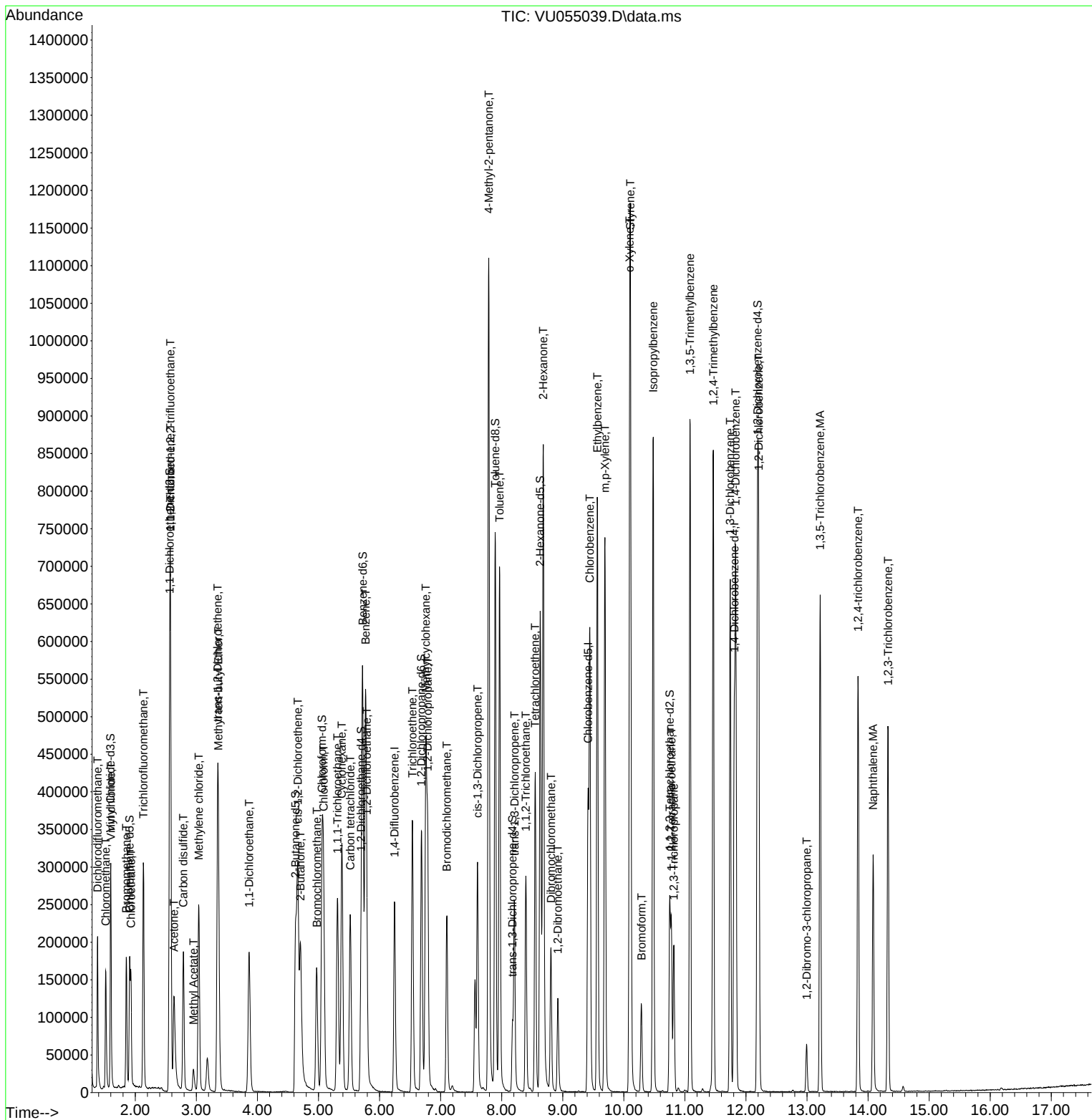
Quant Time: Sep 01 23:23:28 2023
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:21:24 2023
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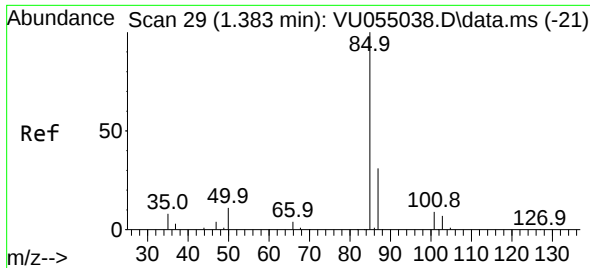
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.396	97	88204	10.076	ug/L	95
47) Tetrachloroethene	8.550	164	86642	9.307	ug/L	99
48) 2-Hexanone	8.682	43	551169	101.312	ug/L	99
49) Dibromochloromethane	8.807	129	93041	9.119	ug/L	100
50) 1,2-Dibromoethane	8.920	107	80504	9.529	ug/L	90
51) Chlorobenzene	9.444	112	318832	9.410	ug/L	99
52) Ethylbenzene	9.566	91	561190	9.623	ug/L	100
53) m,p-Xylene	9.692	106	208480	9.551	ug/L	98
54) o-Xylene	10.097	106	201233	9.566	ug/L	98
55) Styrene	10.110	104	345791	10.002	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	106990	9.706	ug/L	93
59) Bromoform	10.290	173	49910	8.960	ug/L	99
60) Isopropylbenzene	10.483	105	566823	9.407	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	77872	9.171	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	483101	9.401	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	473543	9.950	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	259469	9.206	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	258669	9.206	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	242647	9.493	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	16260	10.057	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	190011	10.042	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	156261	10.458	ug/L	98
71) Naphthalene	14.084	128	244161	10.744	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	134471	10.740	ug/L	97

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

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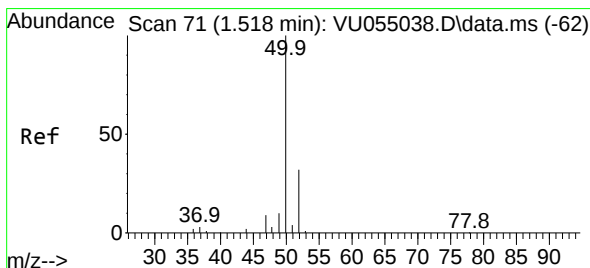
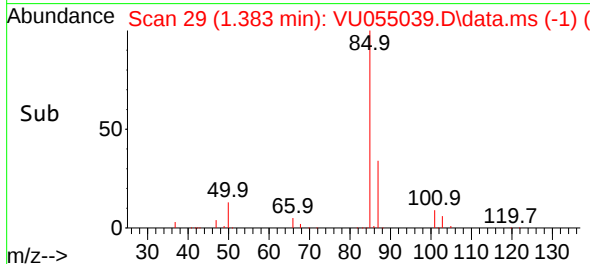
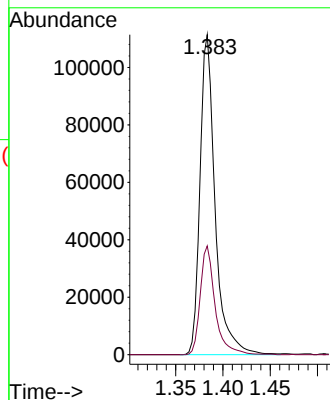
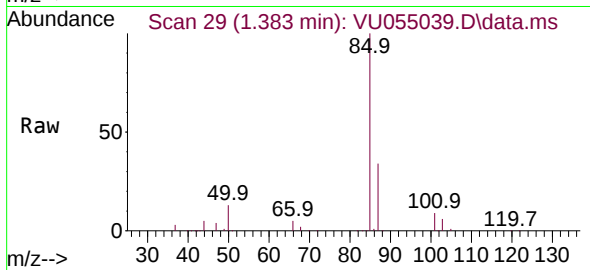




#2
 Dichlorodifluoromethane
 Concen: 10.145 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055039.D
 Acq: 01 Sep 2023 14:05

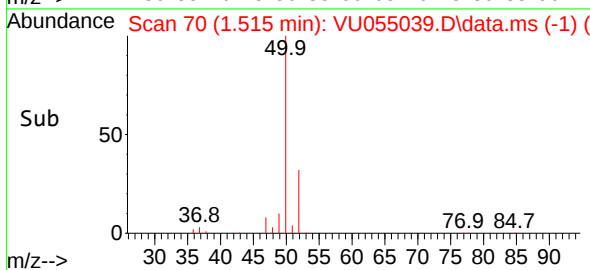
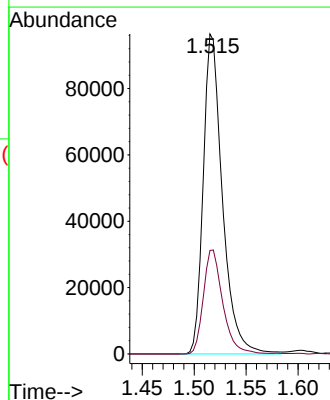
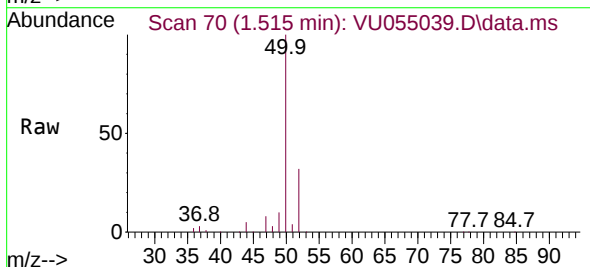
Instrument :
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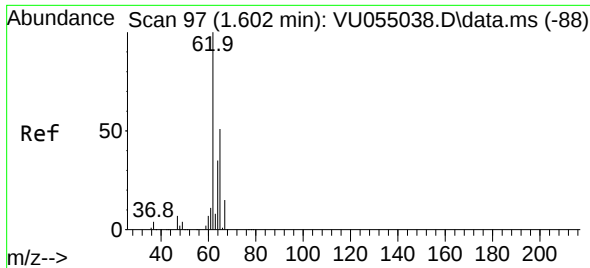
Tgt Ion: 85 Resp: 123742
 Ion Ratio Lower Upper
 85 100
 87 33.5 25.1 37.7



#3
 Chloromethane
 Concen: 9.775 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU055039.D
 Acq: 01 Sep 2023 14:05

Tgt Ion: 50 Resp: 123864
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.5 41.7

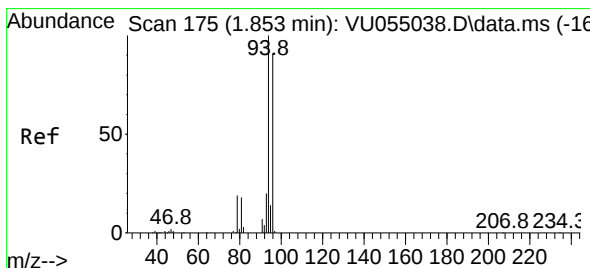
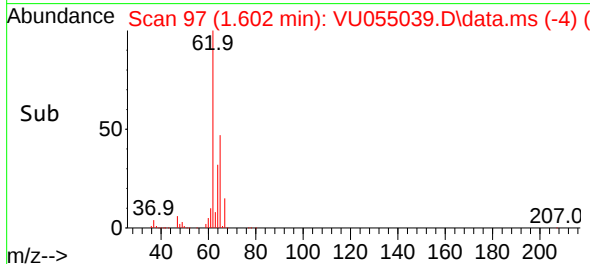
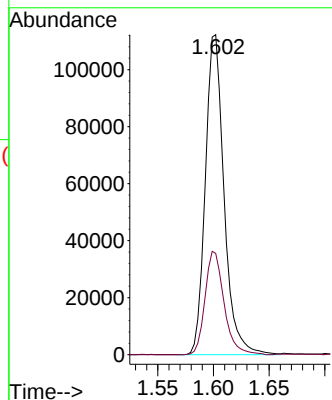
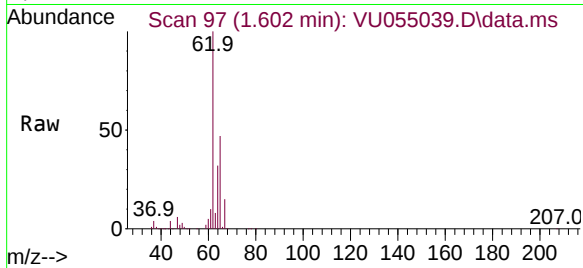




#5
 Vinyl chloride
 Concen: 10.078 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055039.D
 Acq: 01 Sep 2023 14:05

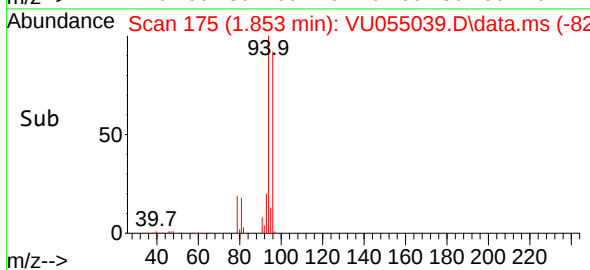
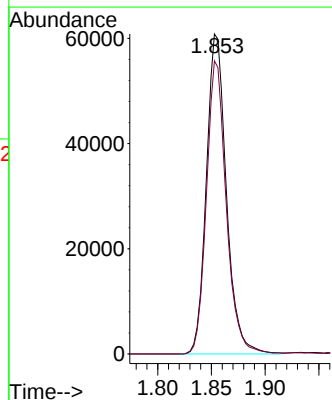
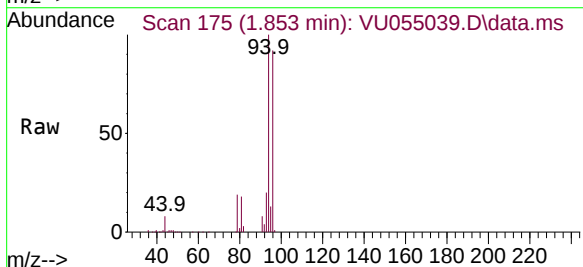
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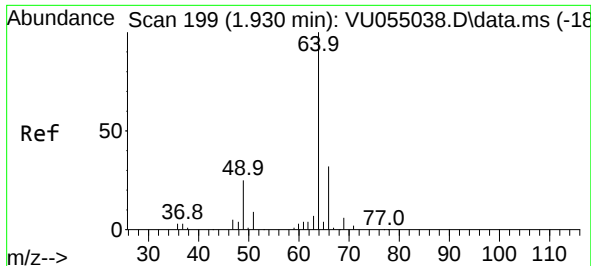
Tgt Ion: 62 Resp: 131458
 Ion Ratio Lower Upper
 62 100
 64 31.6 24.2 45.0



#6
 Bromomethane
 Concen: 9.676 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU055039.D
 Acq: 01 Sep 2023 14:05

Tgt Ion: 94 Resp: 78702
 Ion Ratio Lower Upper
 94 100
 96 91.6 63.8 118.4





#8

Chloroethane

Concen: 9.828 ug/L

RT: 1.930 min Scan# 199

Delta R.T. 0.000 min

Lab File: VU055039.D

Acq: 01 Sep 2023 14:05

Instrument :

MSVOA_U

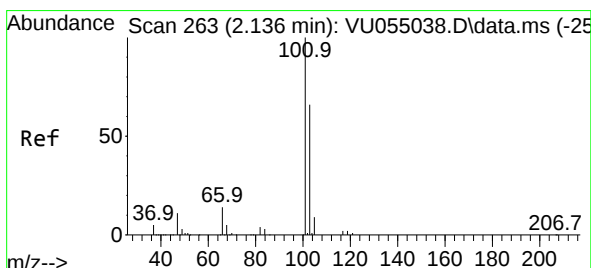
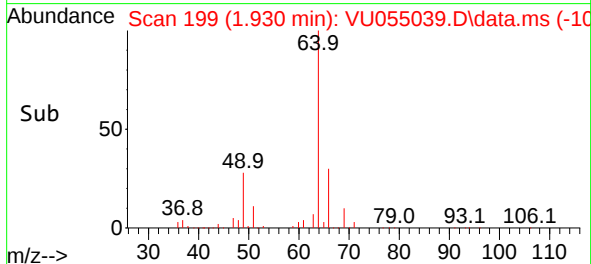
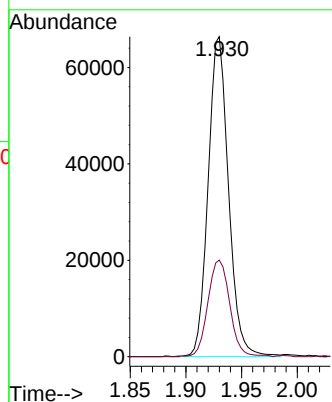
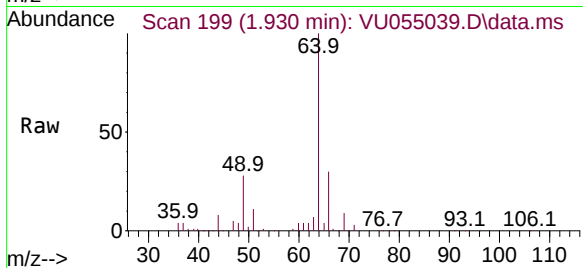
ClientSampleId :

Tgt Ion: 64 Resp: 84680

Ion Ratio Lower Upper

64 100

66 30.2 22.4 41.6



#9

Trichlorofluoromethane

Concen: 10.041 ug/L

RT: 2.133 min Scan# 262

Delta R.T. -0.003 min

Lab File: VU055039.D

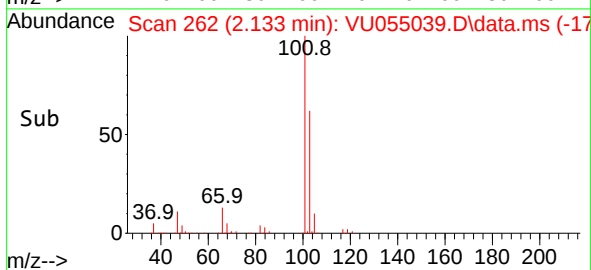
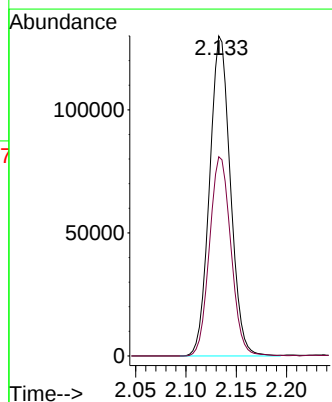
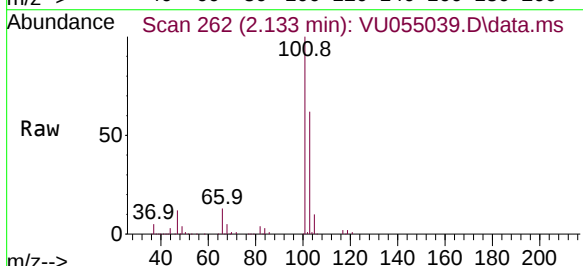
Acq: 01 Sep 2023 14:05

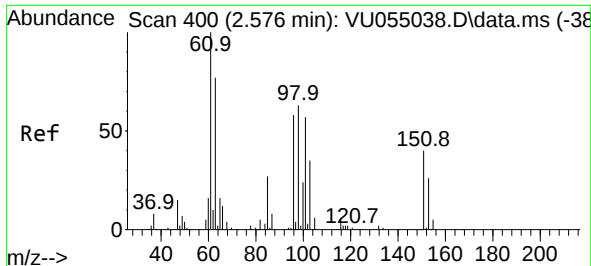
Tgt Ion:101 Resp: 187578

Ion Ratio Lower Upper

101 100

103 63.9 51.9 77.9

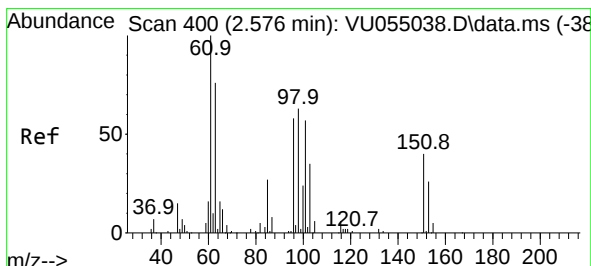
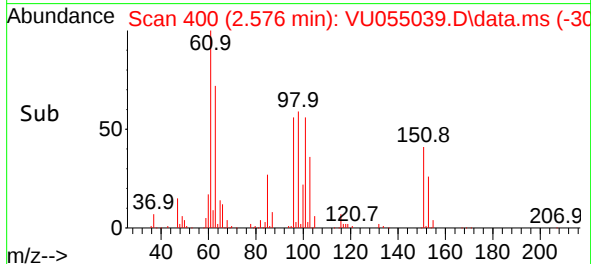
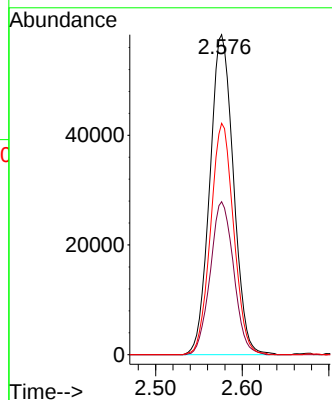
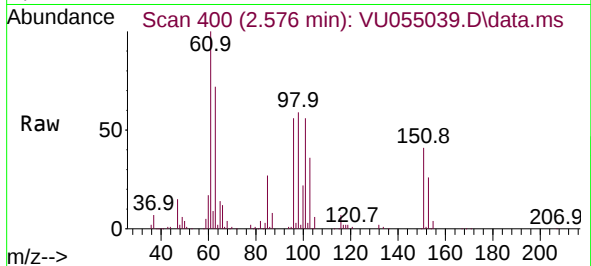




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.748 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055039.D
 Acq: 01 Sep 2023 14:05

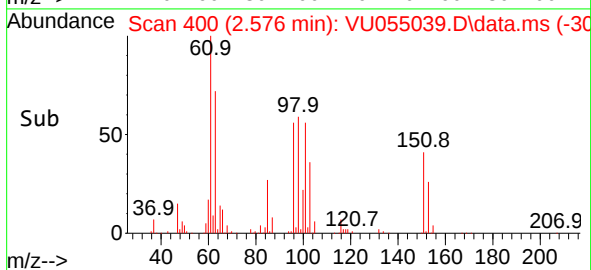
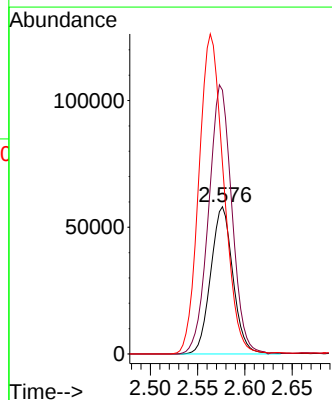
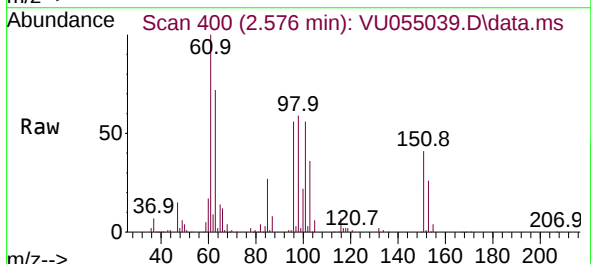
Instrument :
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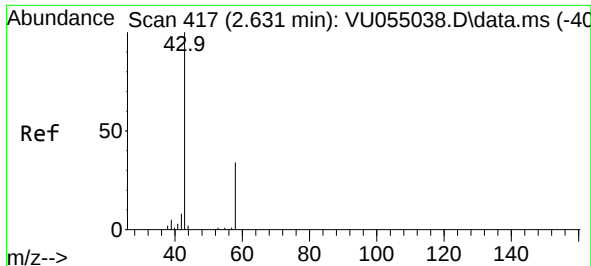
Tgt Ion:101 Resp: 110679
 Ion Ratio Lower Upper
 101 100
 85 47.3 37.3 55.9
 151 70.7 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 10.571 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055039.D
 Acq: 01 Sep 2023 14:05

Tgt Ion: 96 Resp: 94902
 Ion Ratio Lower Upper
 96 100
 61 179.3 120.8 224.4
 63 129.7 94.5 175.5





#13

Acetone

Concen: 103.233 ug/L

RT: 2.634 min Scan# 417

Delta R.T. 0.003 min

Lab File: VU055039.D

Acq: 01 Sep 2023 14:05

Instrument :

MSVOA_U

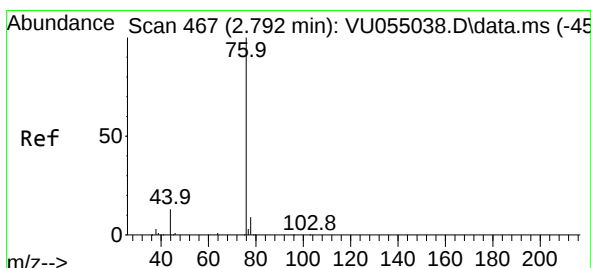
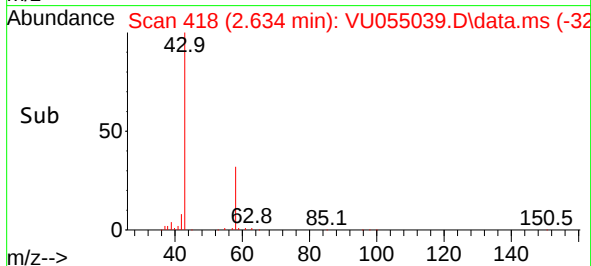
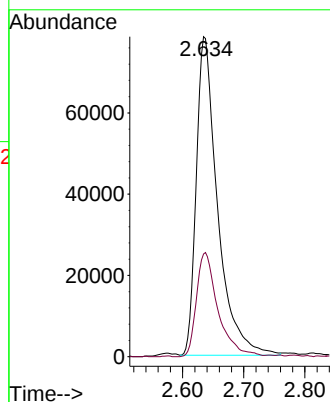
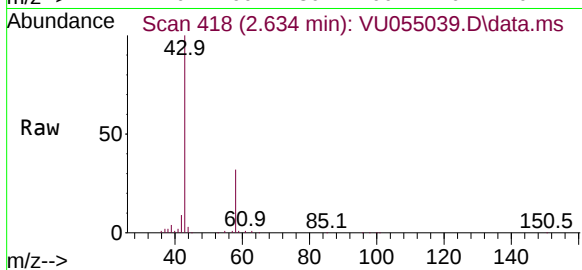
ClientSampleId :

Tgt Ion: 43 Resp: 189869

Ion Ratio Lower Upper

43 100

58 33.1 0.0 67.8



#14

Carbon disulfide

Concen: 9.659 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU055039.D

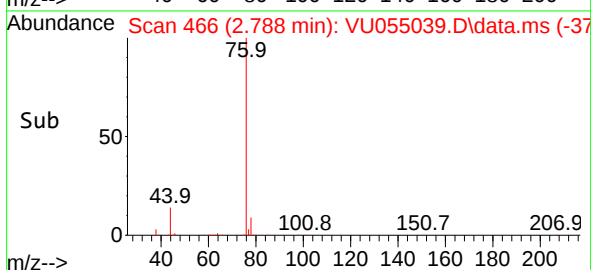
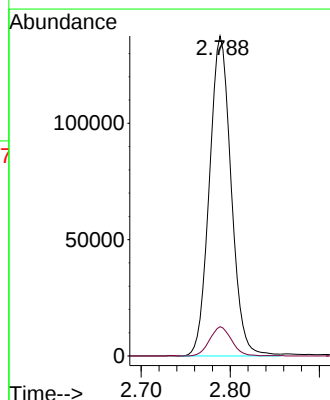
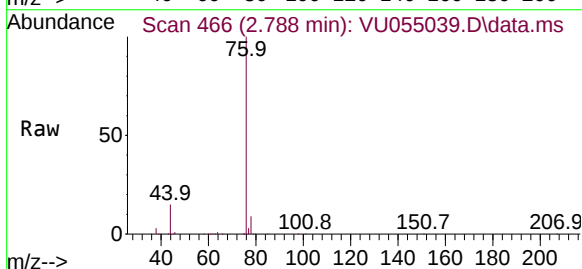
Acq: 01 Sep 2023 14:05

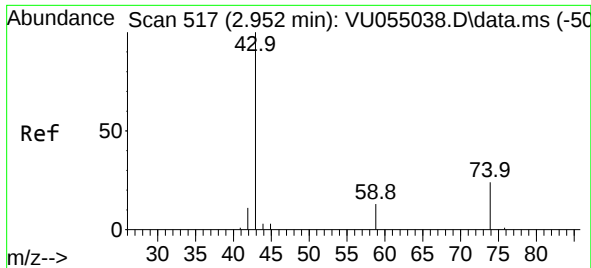
Tgt Ion: 76 Resp: 233753

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2

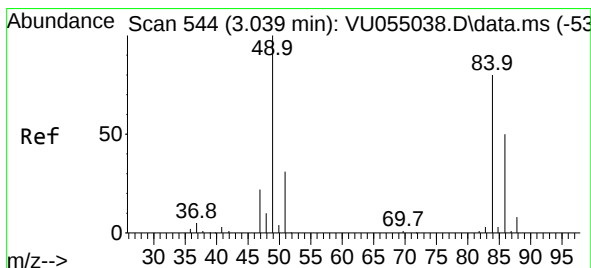
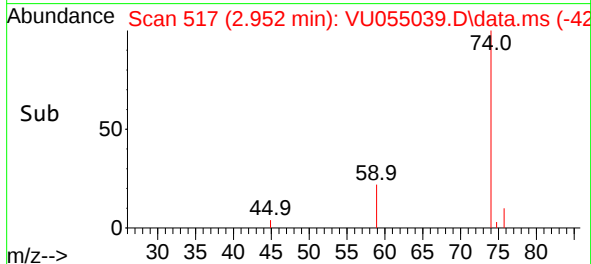
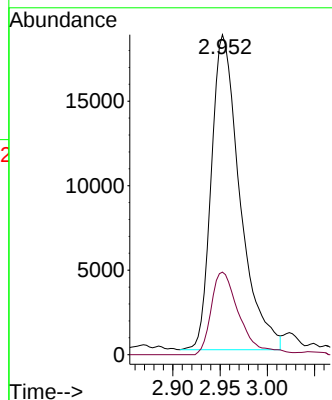
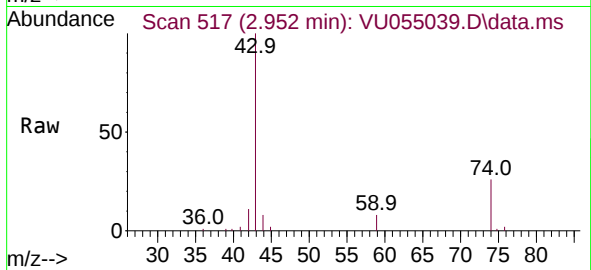




#15
Methyl Acetate
Concen: 10.586 ug/L
RT: 2.952 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

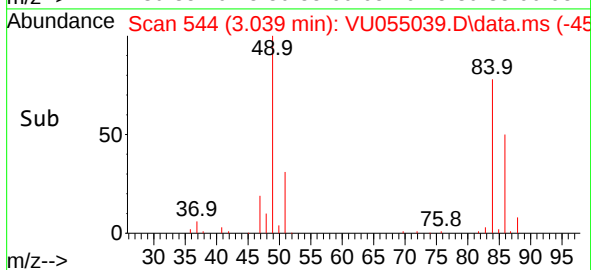
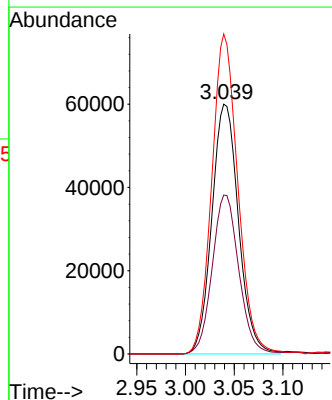
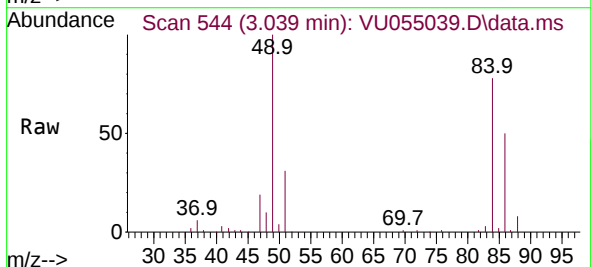
Instrument :
MSVOA_U
ClientSampleId :

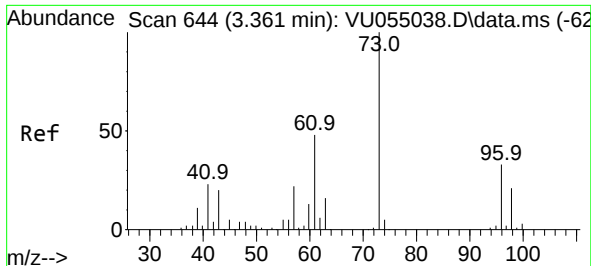
Tgt Ion: 43 Resp: 39212
Ion Ratio Lower Upper
43 100
74 25.9 18.4 27.6



#16
Methylene chloride
Concen: 8.058 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

Tgt Ion: 84 Resp: 114067
Ion Ratio Lower Upper
84 100
86 63.6 43.4 80.6
49 128.2 87.7 162.9

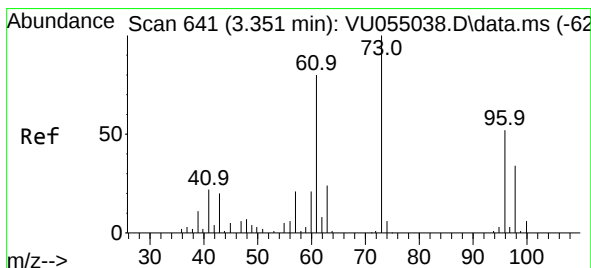
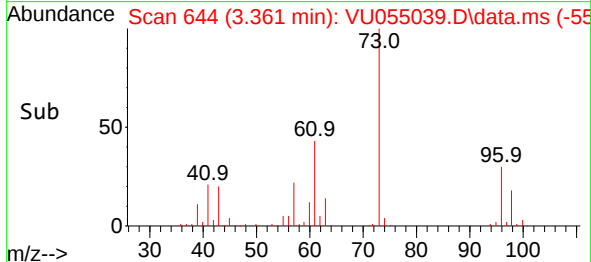
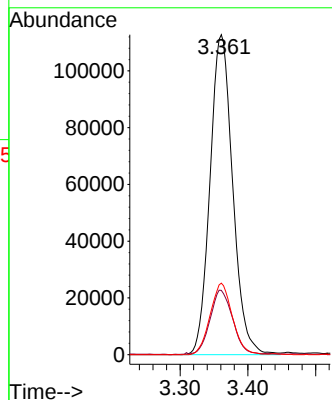
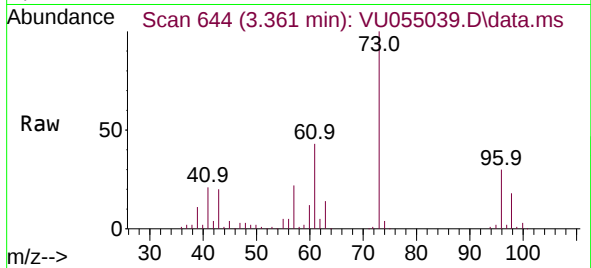




#17
Methyl tert-butyl Ether
Concen: 10.199 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

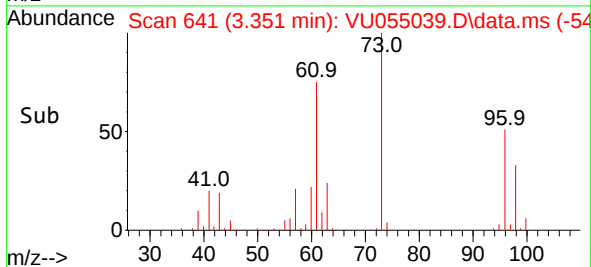
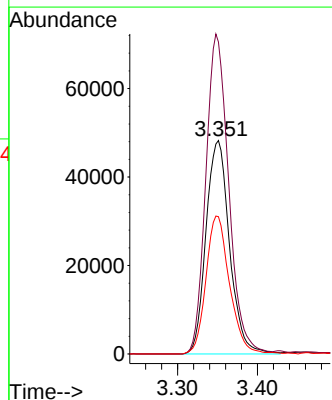
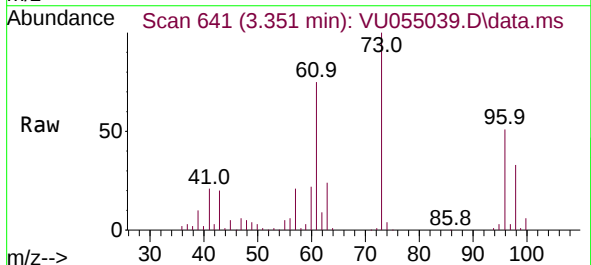
Instrument :
MSVOA_U
ClientSampleId :

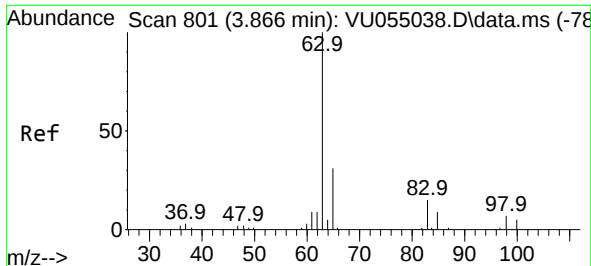
Tgt Ion: 73 Resp: 262585
Ion Ratio Lower Upper
73 100
43 19.6 16.2 24.2
57 21.8 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 10.186 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

Tgt Ion: 96 Resp: 98884
Ion Ratio Lower Upper
96 100
61 146.2 108.1 200.9
98 64.3 45.4 84.4





#19

1,1-Dichloroethane

Concen: 10.461 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU055039.D

Acq: 01 Sep 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

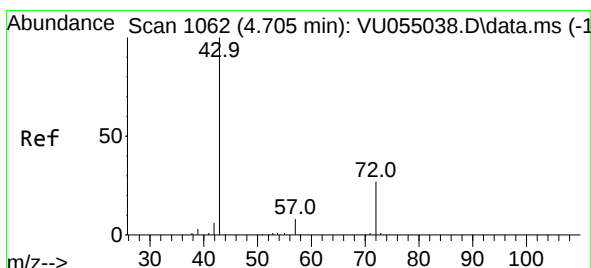
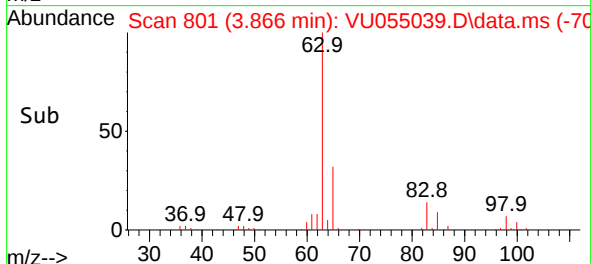
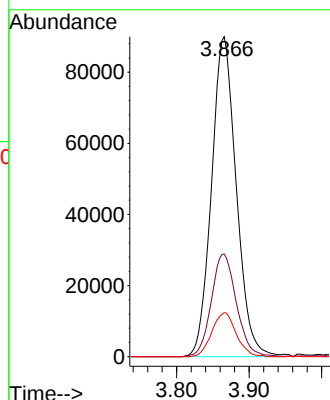
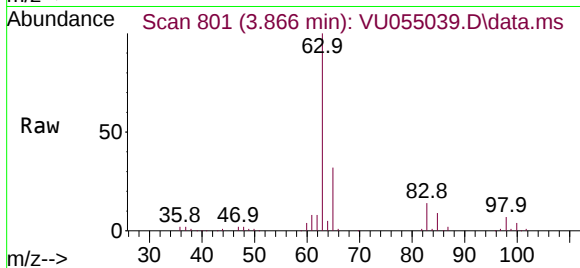
Tgt Ion: 63 Resp: 213423

Ion Ratio Lower Upper

63 100

65 32.1 22.2 41.2

83 13.8 10.6 19.8



#21

2-Butanone

Concen: 103.640 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. 0.003 min

Lab File: VU055039.D

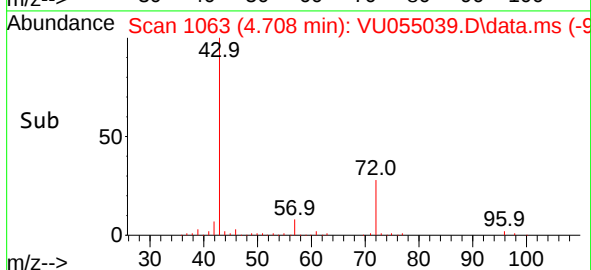
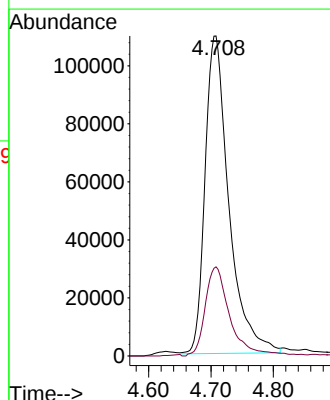
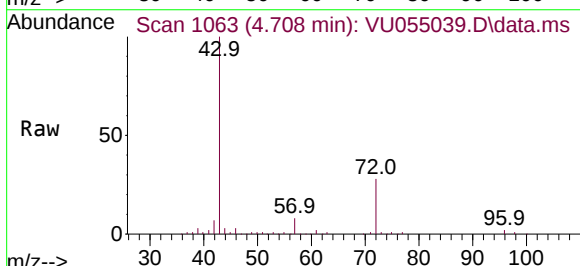
Acq: 01 Sep 2023 14:05

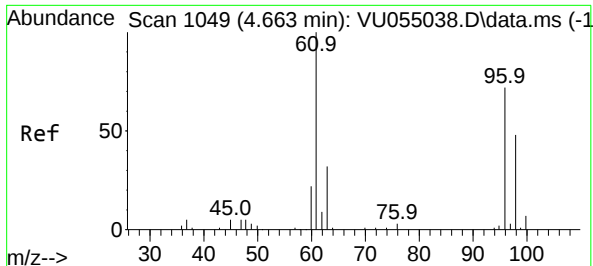
Tgt Ion: 43 Resp: 290890

Ion Ratio Lower Upper

43 100

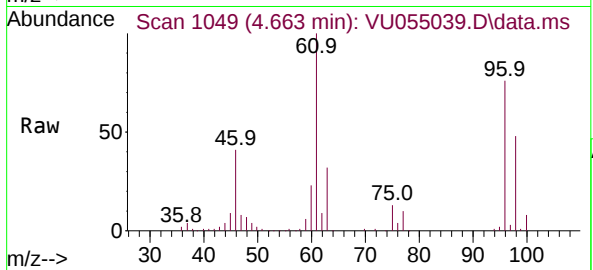
72 29.0 13.5 40.5





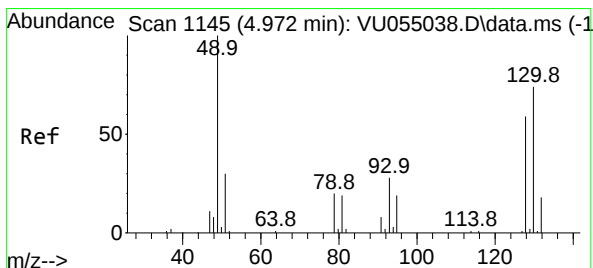
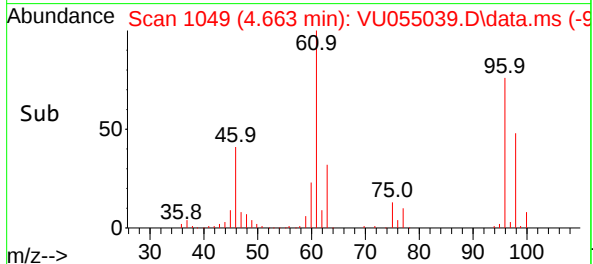
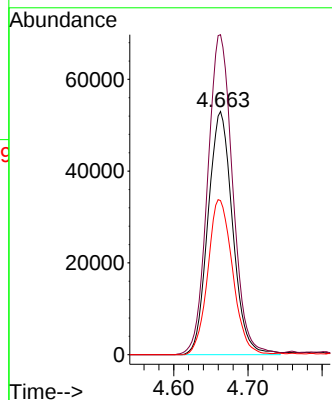
#22
 cis-1,2-Dichloroethene
 Concen: 10.663 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055039.D
 Acq: 01 Sep 2023 14:05

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 122034

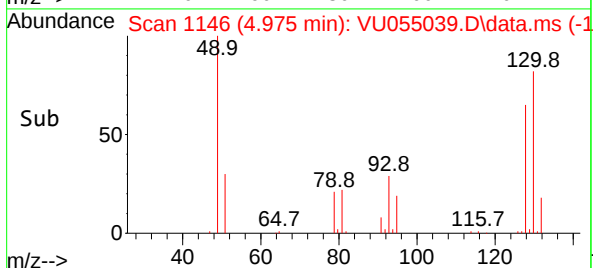
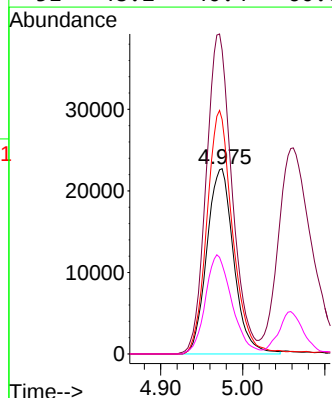
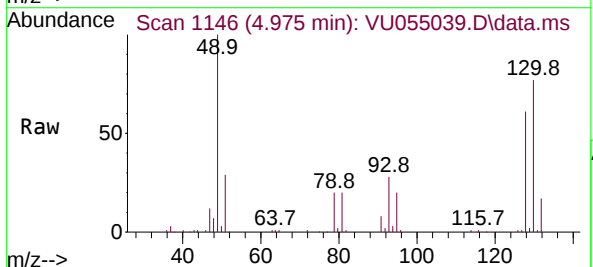
Ion	Ratio	Lower	Upper
96	100		
61	131.6	97.2	180.4
98	63.4	46.1	85.7

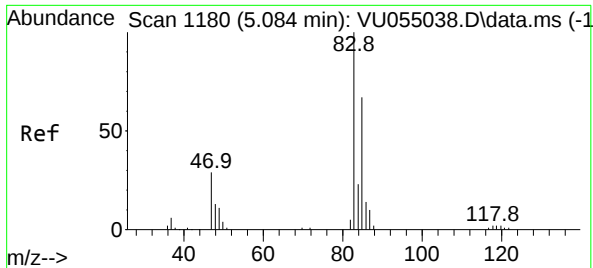


#23
 Bromochloromethane
 Concen: 10.363 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.003 min
 Lab File: VU055039.D
 Acq: 01 Sep 2023 14:05

Tgt Ion: 128 Resp: 51634

Ion	Ratio	Lower	Upper
128	100		
49	164.0	118.9	220.9
130	126.5	88.0	163.4
51	48.2	40.4	60.6

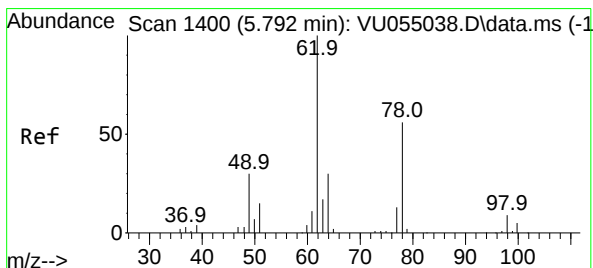
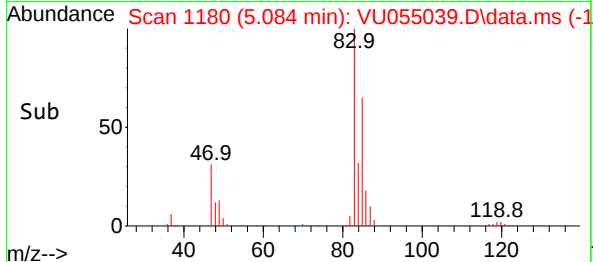
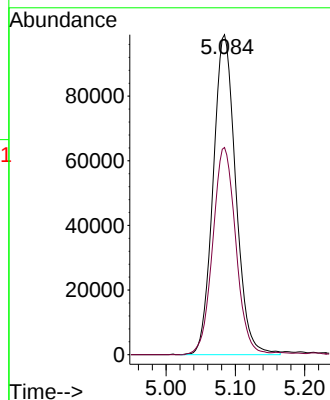
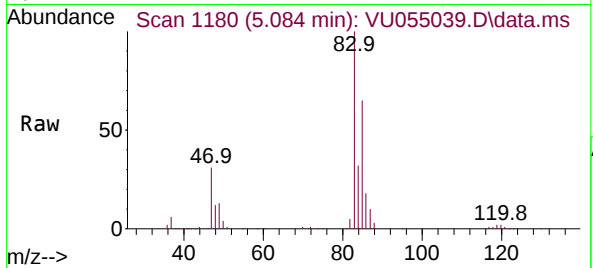




#25
Chloroform
Concen: 10.057 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

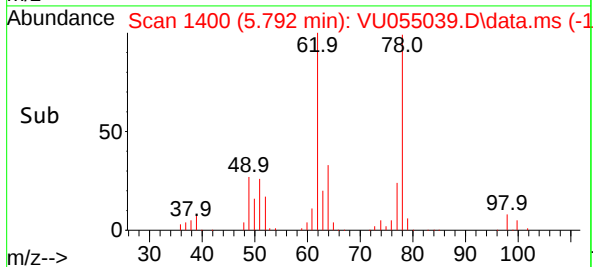
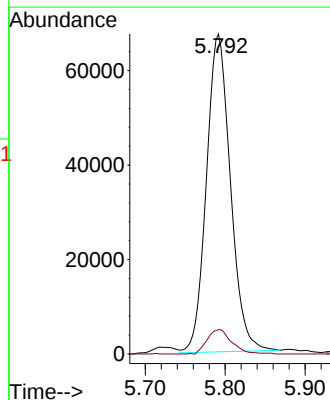
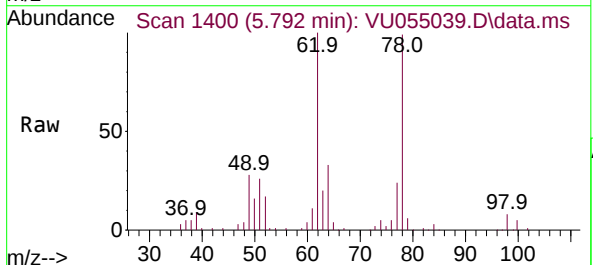
Instrument :
MSVOA_U
ClientSampleId :

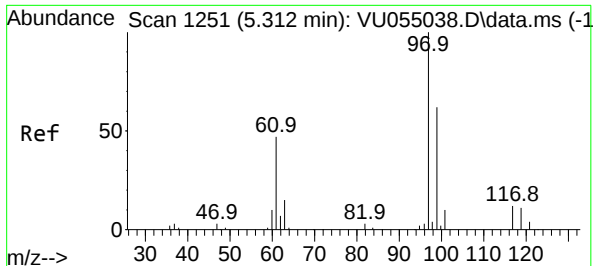
Tgt Ion: 83 Resp: 224472
Ion Ratio Lower Upper
83 100
85 64.8 47.2 87.6



#27
1,2-Dichloroethane
Concen: 10.313 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

Tgt Ion: 62 Resp: 140563
Ion Ratio Lower Upper
62 100
98 7.6 6.9 10.3

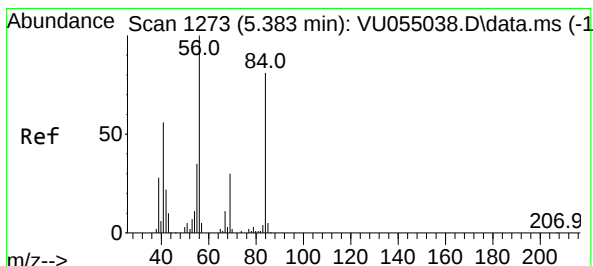
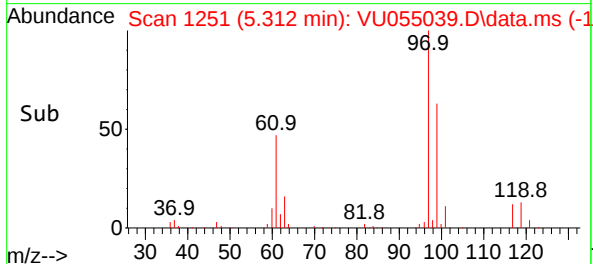
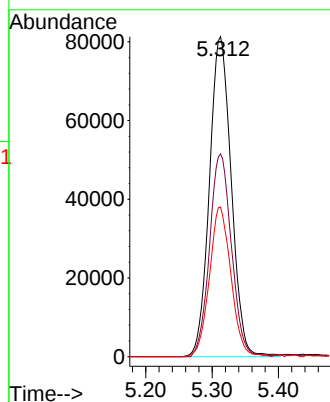
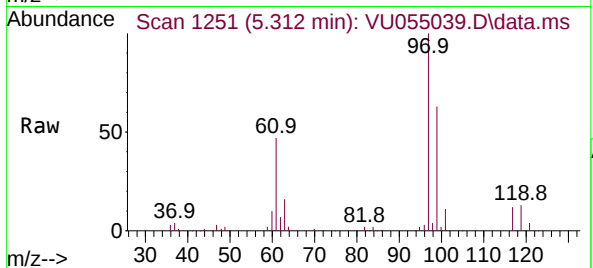




#29
1,1,1-Trichloroethane
Concen: 9.404 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

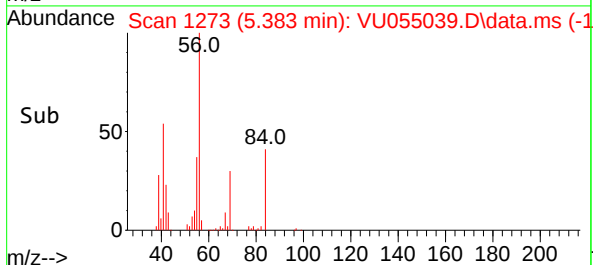
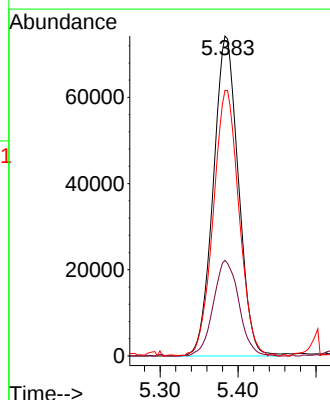
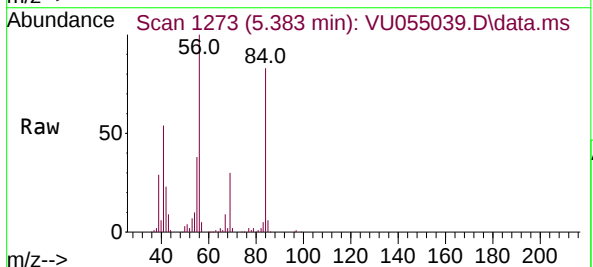
Instrument :
MSVOA_U
ClientSampleId :

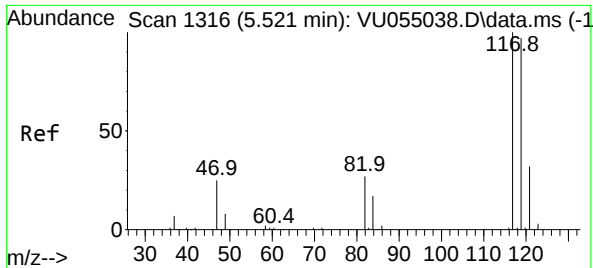
Tgt Ion: 97 Resp: 186082
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.8
61 46.1 36.8 55.2



#30
Cyclohexane
Concen: 9.548 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

Tgt Ion: 56 Resp: 165764
Ion Ratio Lower Upper
56 100
69 30.5 24.6 37.0
84 85.2 68.8 103.2

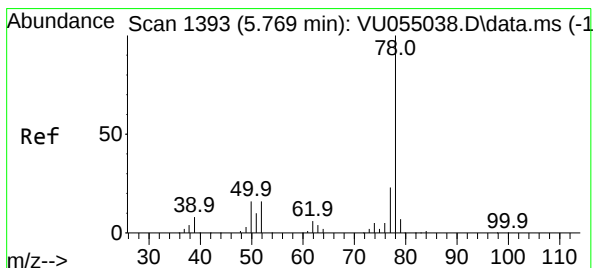
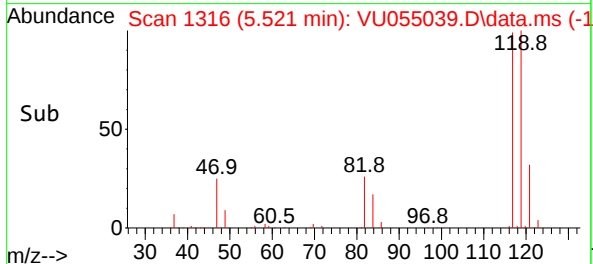
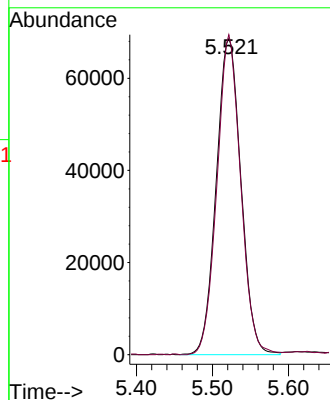
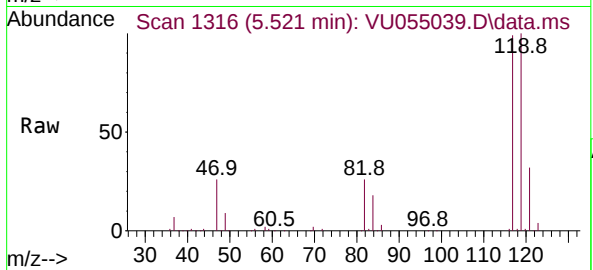




#31
Carbon tetrachloride
Concen: 9.215 ug/L
RT: 5.521 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

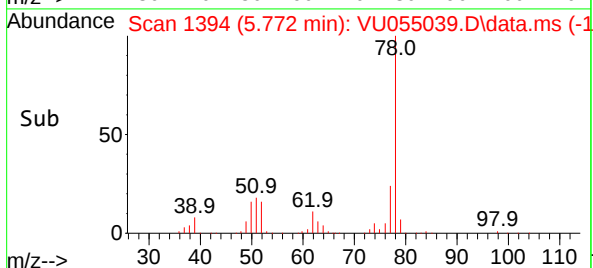
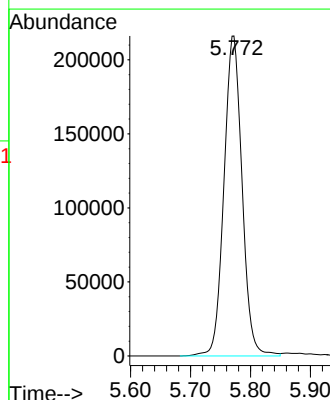
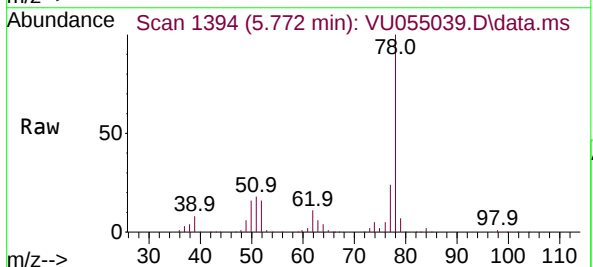
Instrument :
MSVOA_U
ClientSampleId :

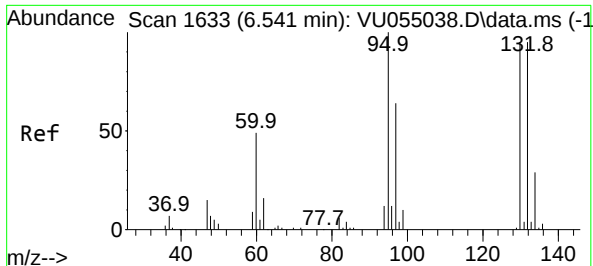
Tgt Ion:117 Resp: 154688
Ion Ratio Lower Upper
117 100
119 97.1 75.4 113.0



#33
Benzene
Concen: 9.593 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

Tgt Ion: 78 Resp: 452646

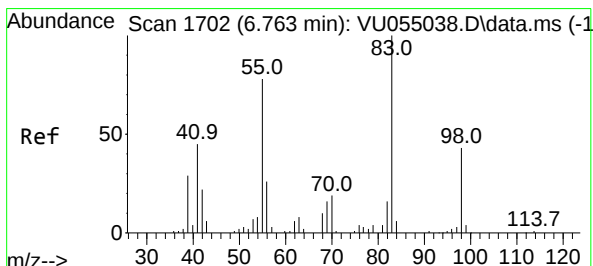
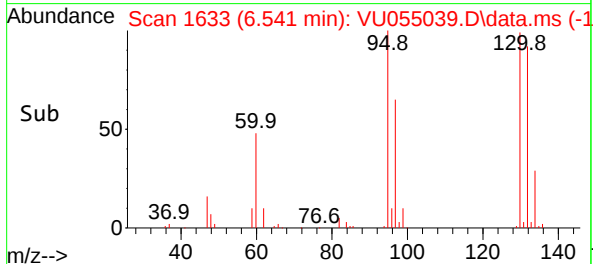
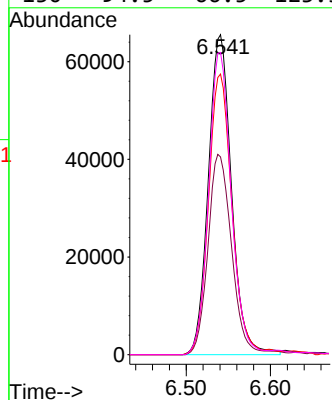
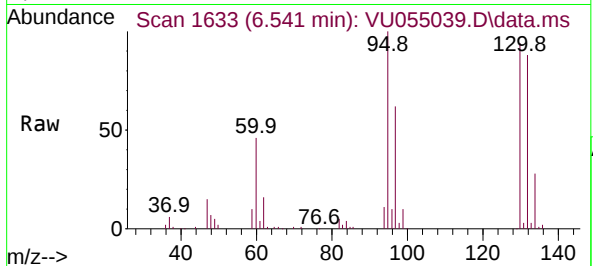




#34
Trichloroethene
Concen: 9.661 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

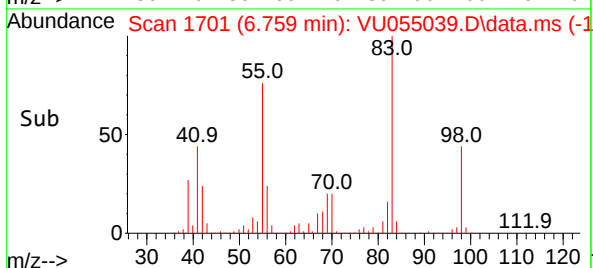
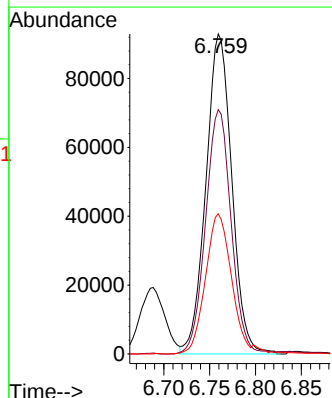
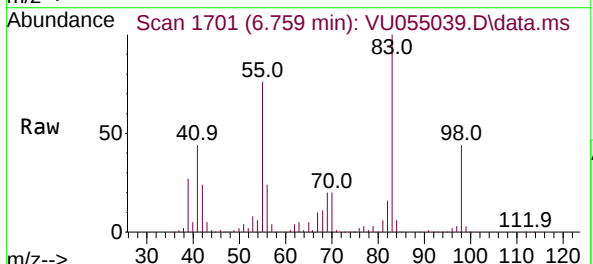
Instrument :
MSVOA_U
ClientSampleId :

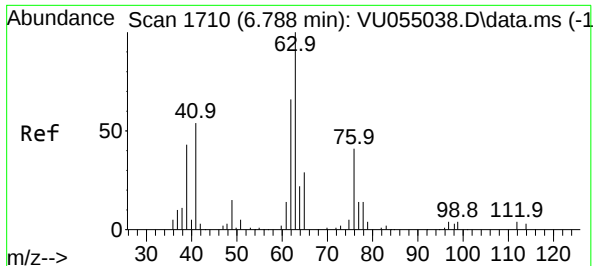
Tgt Ion: 95 Resp: 125455
Ion Ratio Lower Upper
95 100
97 61.8 44.7 83.1
132 87.7 66.6 123.6
130 94.5 66.5 123.5



#35
Methylcyclohexane
Concen: 9.560 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

Tgt Ion: 83 Resp: 182614
Ion Ratio Lower Upper
83 100
55 75.3 60.4 90.6
98 44.6 35.3 52.9

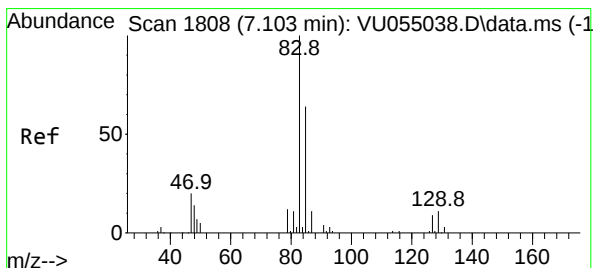
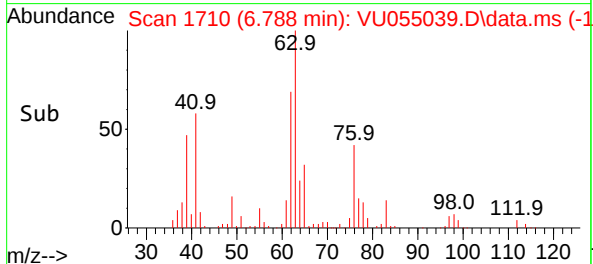
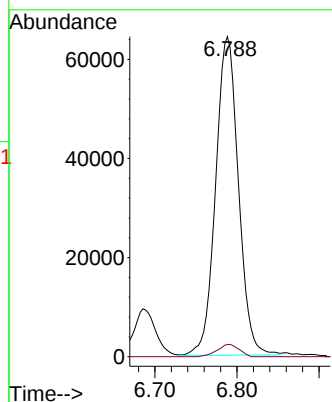
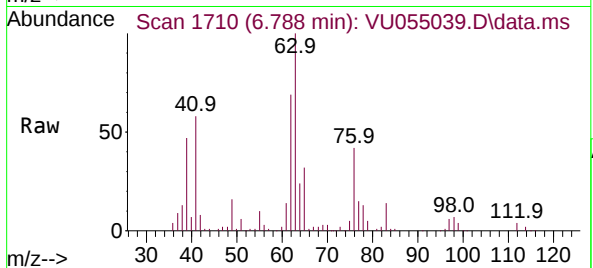




#37
1,2-Dichloropropane
Concen: 9.443 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

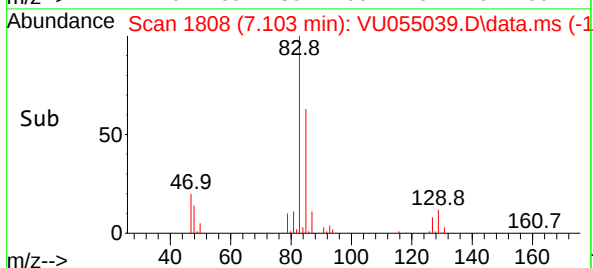
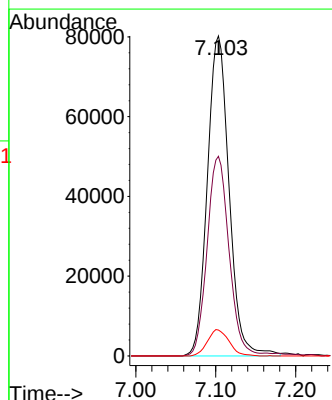
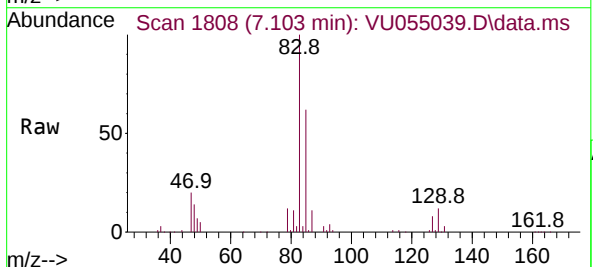
Instrument :
MSVOA_U
ClientSampleId :

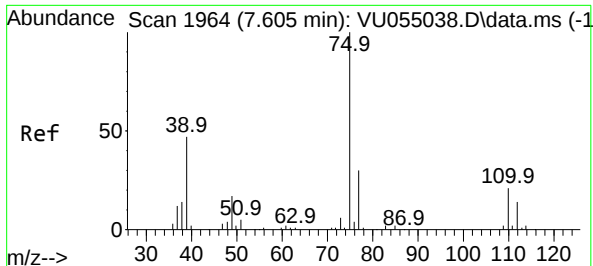
Tgt Ion: 63 Resp: 124311
Ion Ratio Lower Upper
63 100
112 3.7 3.2 4.8



#38
Bromodichloromethane
Concen: 9.396 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

Tgt Ion: 83 Resp: 151680
Ion Ratio Lower Upper
83 100
85 62.4 44.9 83.5
127 8.1 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 9.713 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU055039.D

Acq: 01 Sep 2023 14:05

Instrument :

MSVOA_U

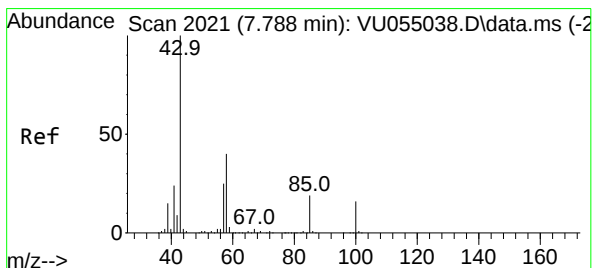
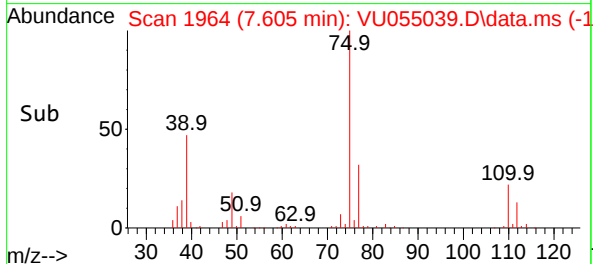
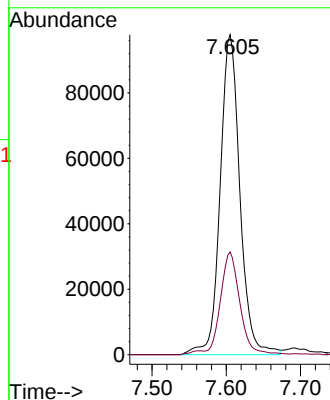
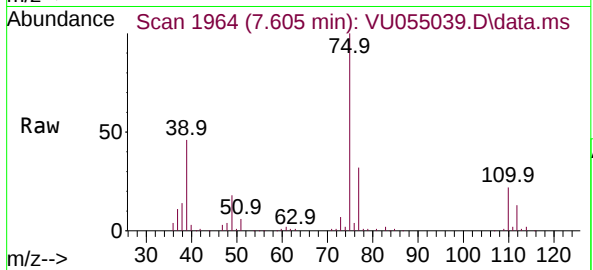
ClientSampleId :

Tgt Ion: 75 Resp: 181265

Ion Ratio Lower Upper

75 100

77 32.1 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 99.532 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU055039.D

Acq: 01 Sep 2023 14:05

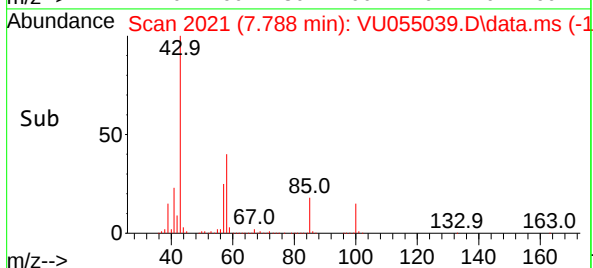
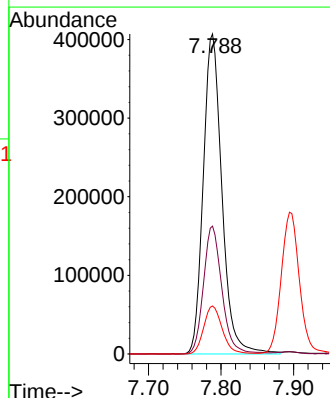
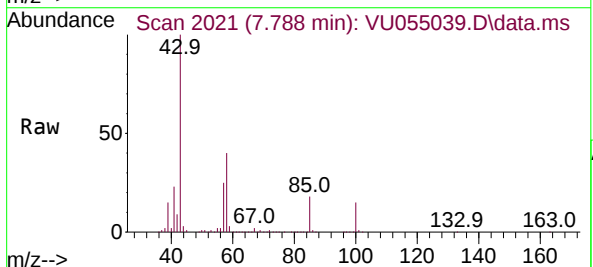
Tgt Ion: 43 Resp: 728054

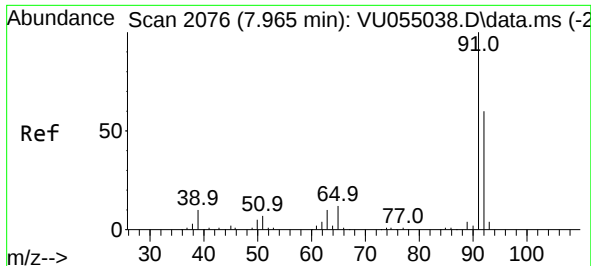
Ion Ratio Lower Upper

43 100

58 39.5 31.5 47.3

100 14.9 11.8 17.8





#42

Toluene

Concen: 9.663 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU055039.D

Acq: 01 Sep 2023 14:05

Instrument :

MSVOA_U

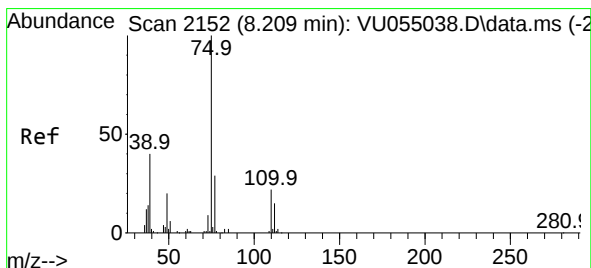
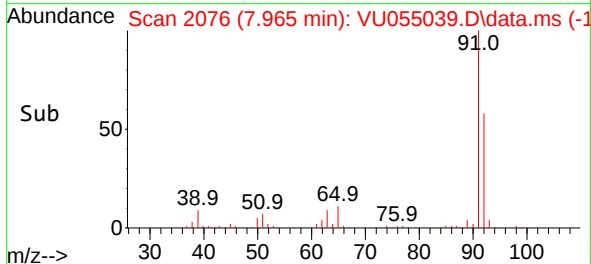
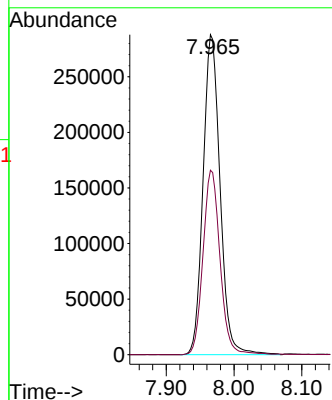
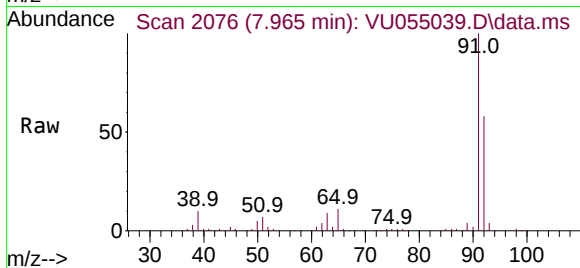
ClientSampleId :

Tgt Ion: 91 Resp: 500790

Ion Ratio Lower Upper

91 100

92 57.7 41.9 77.9



#44

trans-1,3-Dichloropropene

Concen: 9.391 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU055039.D

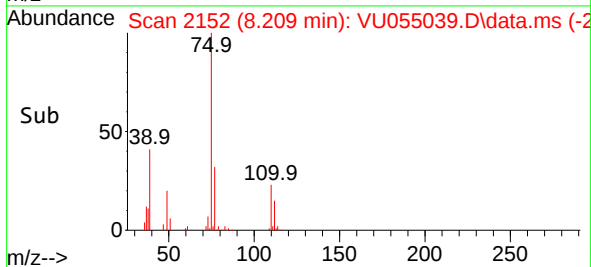
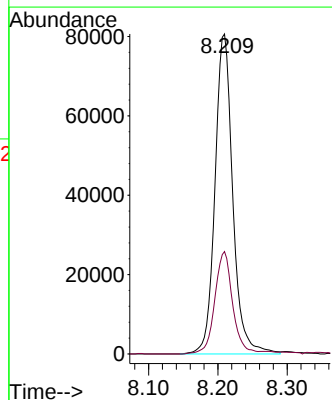
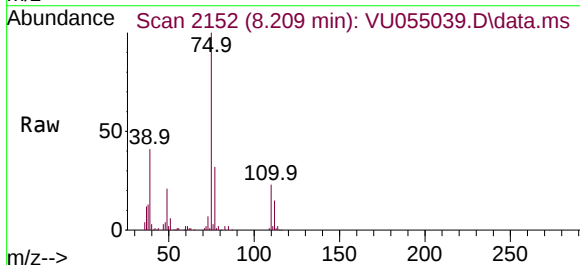
Acq: 01 Sep 2023 14:05

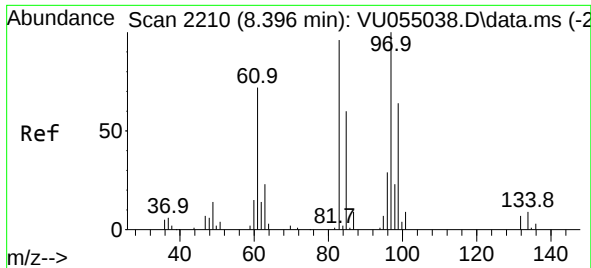
Tgt Ion: 75 Resp: 143939

Ion Ratio Lower Upper

75 100

77 32.0 20.5 38.1

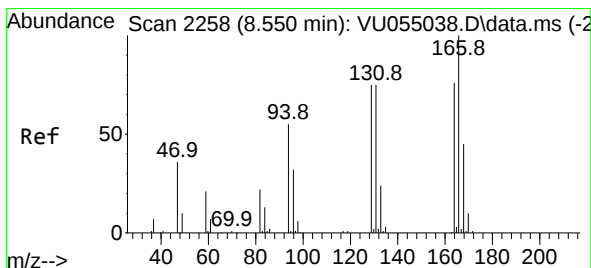
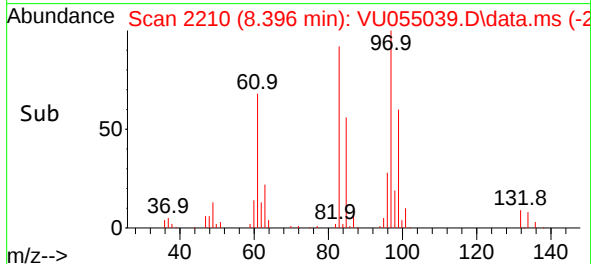
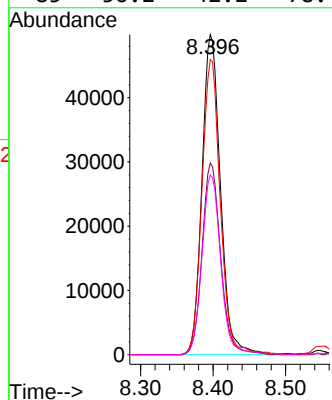
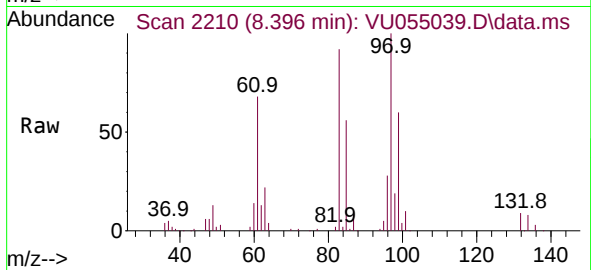




#45
1,1,2-Trichloroethane
Concen: 10.076 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

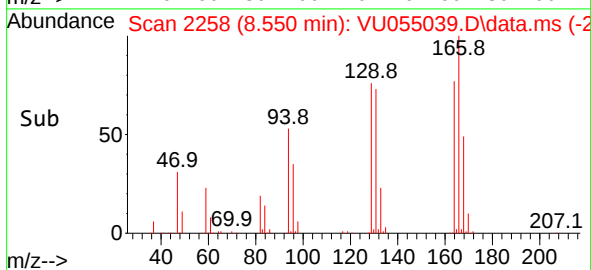
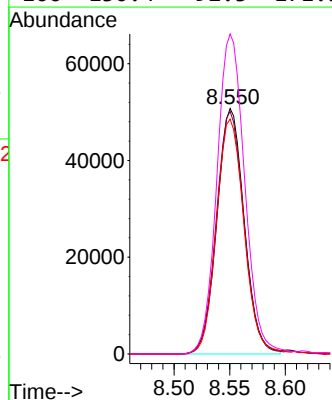
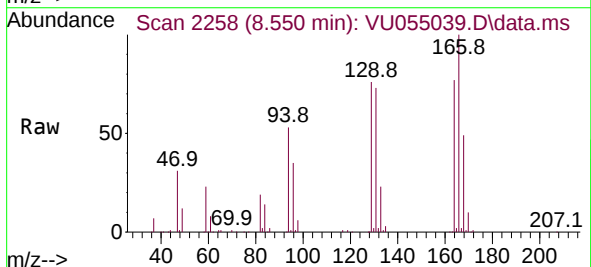
Instrument :
MSVOA_U
ClientSampleId :

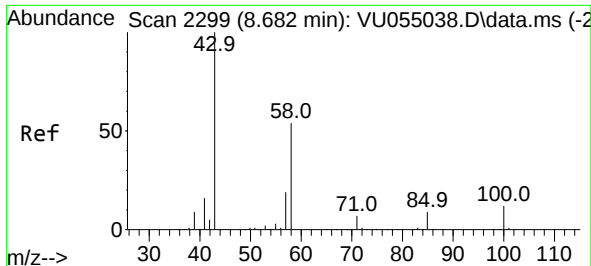
Tgt Ion:	97	Resp:	88204
Ion	Ratio	Lower	Upper
97	100		
99	59.9	44.9	83.5
83	92.2	66.9	124.3
85	56.2	42.2	78.4



#47
Tetrachloroethene
Concen: 9.307 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

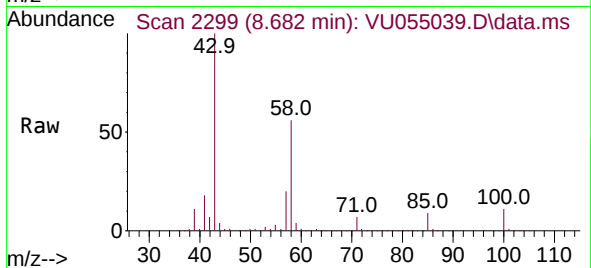
Tgt Ion:	164	Resp:	86642
Ion	Ratio	Lower	Upper
164	100		
129	98.8	69.2	128.6
131	95.7	68.8	127.8
166	130.4	92.3	171.5



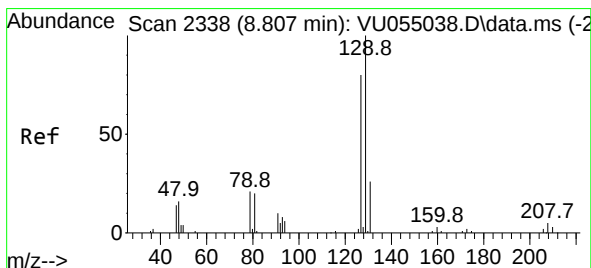
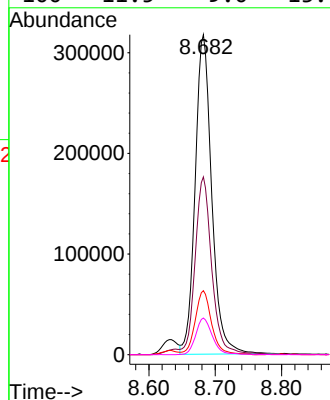
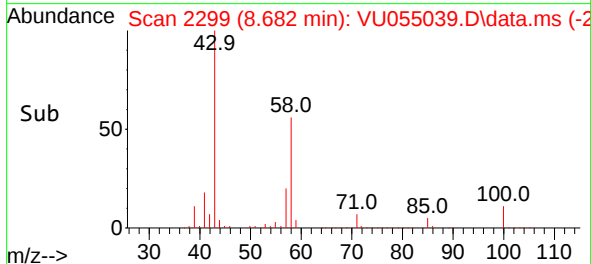


#48
2-Hexanone
Concen: 101.312 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

Instrument :
MSVOA_U
ClientSampleId :

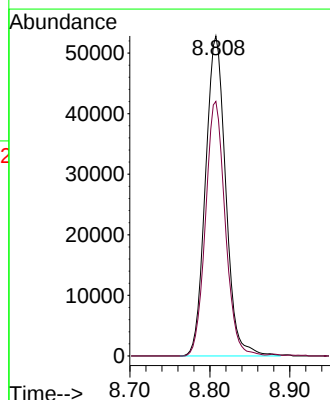
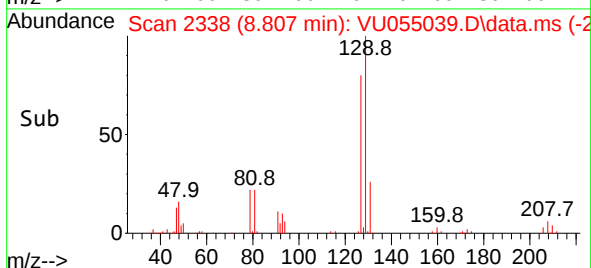
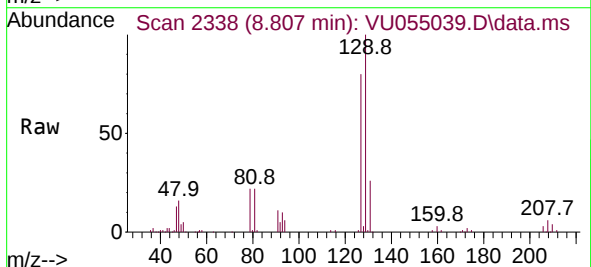


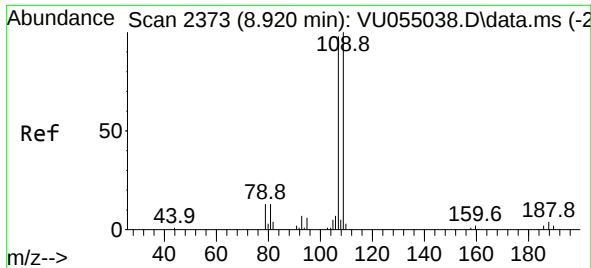
Tgt Ion: 43 Resp: 551169
Ion Ratio Lower Upper
43 100
58 55.5 44.0 66.0
57 19.9 16.2 24.2
100 11.5 9.0 13.4



#49
Dibromochloromethane
Concen: 9.119 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

Tgt Ion: 129 Resp: 93041
Ion Ratio Lower Upper
129 100
127 79.5 55.9 103.7

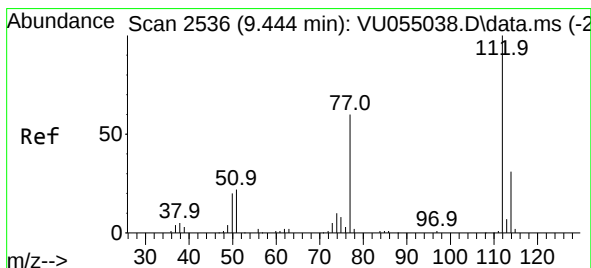
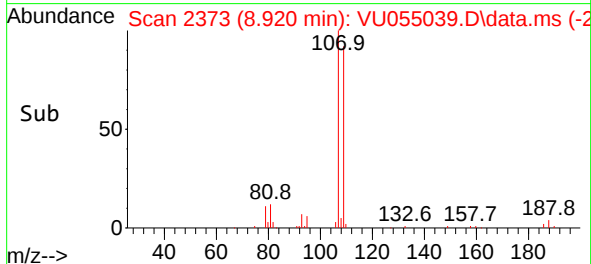
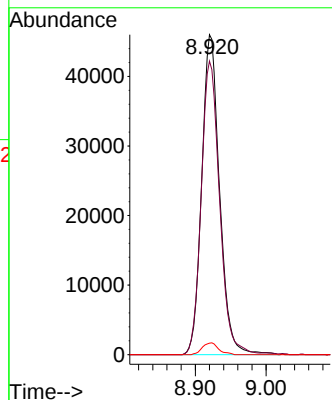
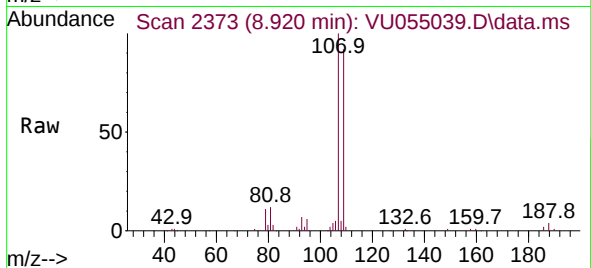




#50
1,2-Dibromoethane
Concen: 9.529 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

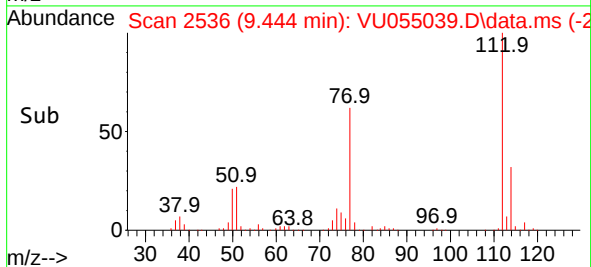
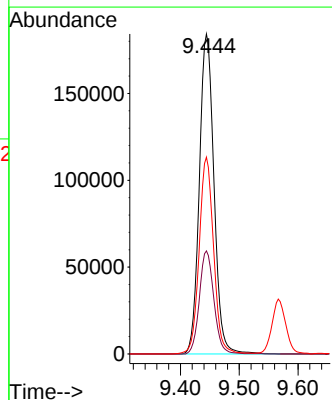
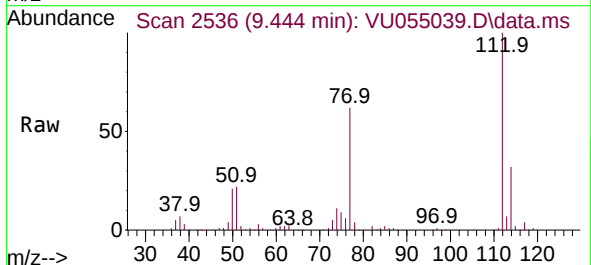
Instrument :
MSVOA_U
ClientSampleId :

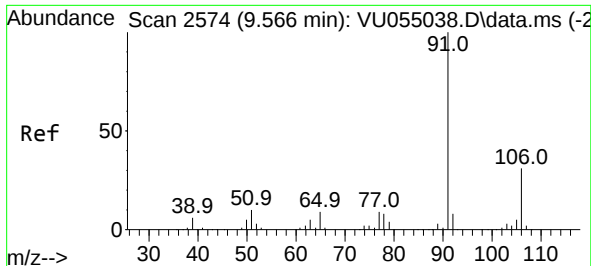
Tgt Ion:107 Resp: 80504
Ion Ratio Lower Upper
107 100
109 91.7 71.4 132.6
188 3.6 3.1 4.7



#51
Chlorobenzene
Concen: 9.410 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

Tgt Ion:112 Resp: 318832
Ion Ratio Lower Upper
112 100
114 32.2 21.7 40.3
77 61.5 48.6 72.8

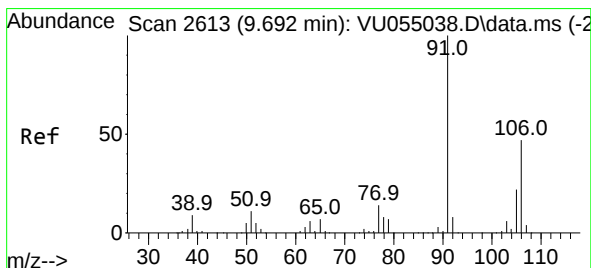
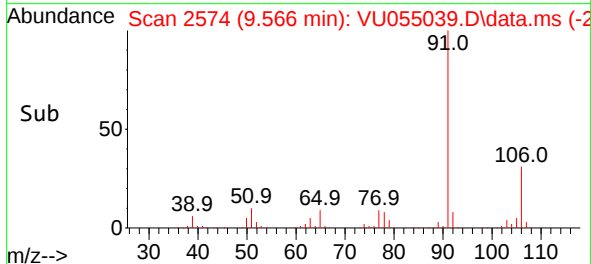
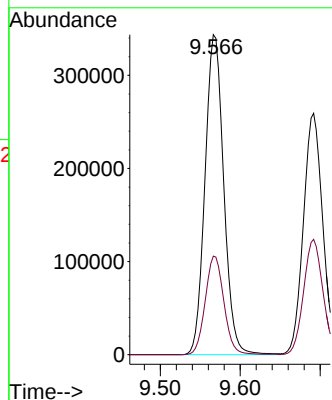
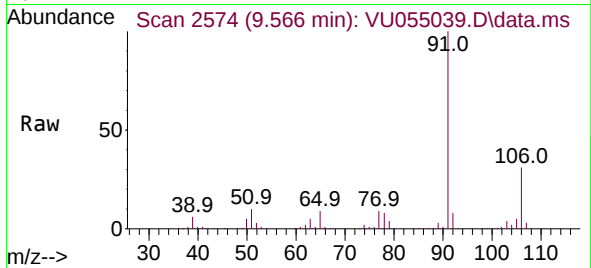




#52
Ethylbenzene
Concen: 9.623 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

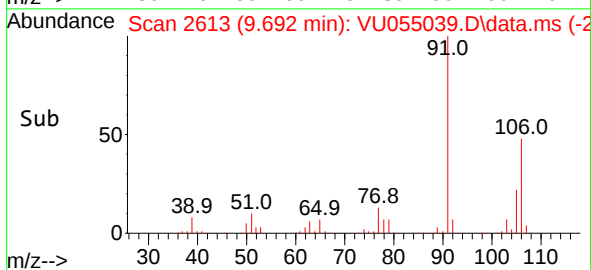
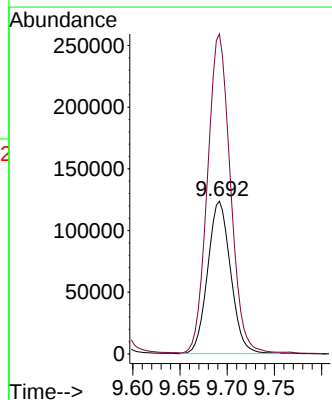
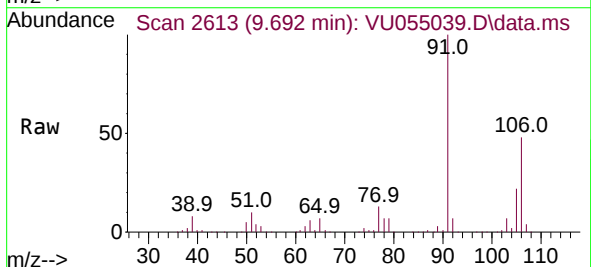
Instrument :
MSVOA_U
ClientSampleId :

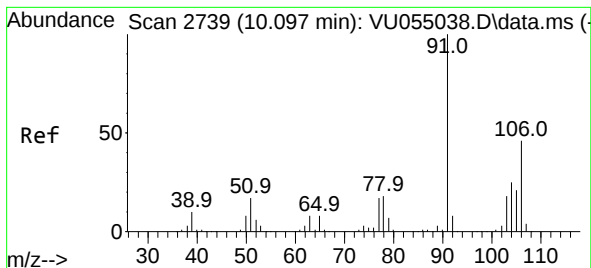
Tgt Ion: 91 Resp: 561190
Ion Ratio Lower Upper
91 100
106 30.8 21.5 39.9



#53
m,p-Xylene
Concen: 9.551 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

Tgt Ion: 106 Resp: 208480
Ion Ratio Lower Upper
106 100
91 209.4 148.3 275.5





#54

o-Xylene

Concen: 9.566 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055039.D

Acq: 01 Sep 2023 14:05

Instrument :

MSVOA_U

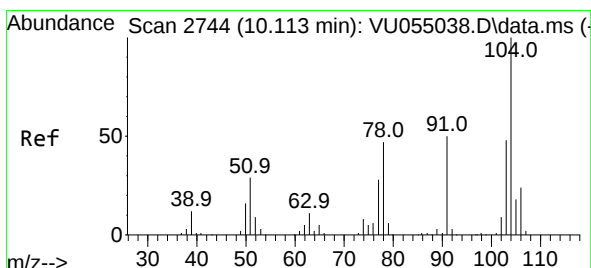
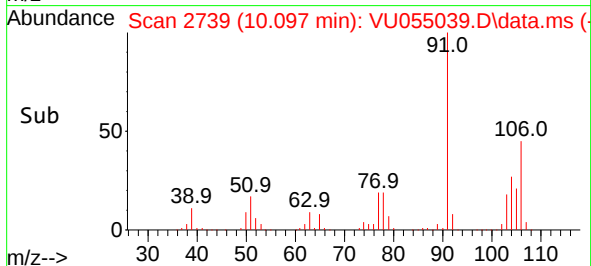
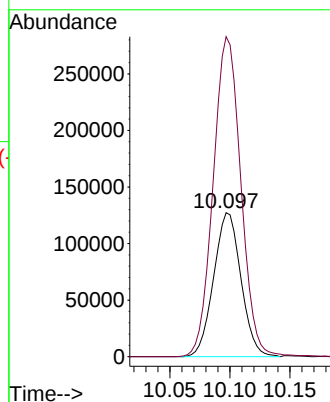
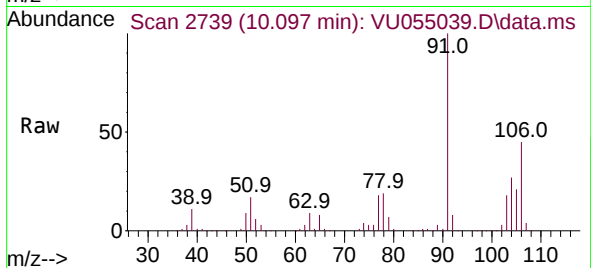
ClientSampleId :

Tgt Ion:106 Resp: 201233

Ion Ratio Lower Upper

106 100

91 222.1 152.9 284.1



#55

Styrene

Concen: 10.002 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.003 min

Lab File: VU055039.D

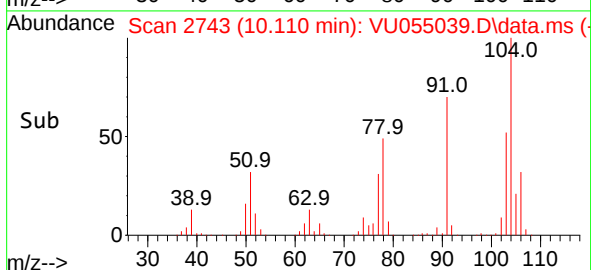
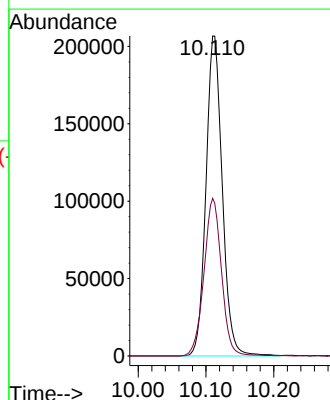
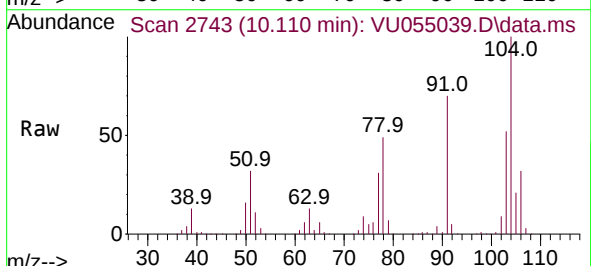
Acq: 01 Sep 2023 14:05

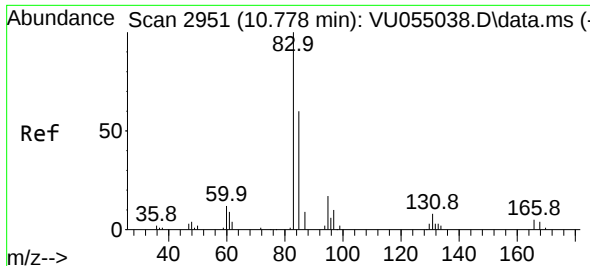
Tgt Ion:104 Resp: 345791

Ion Ratio Lower Upper

104 100

78 49.2 32.8 61.0

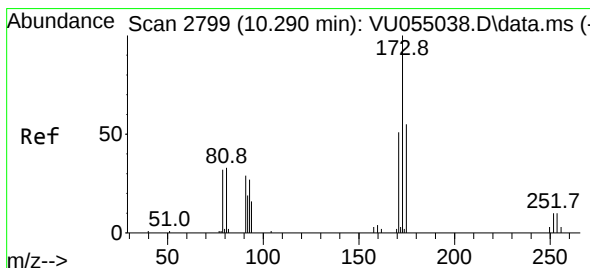
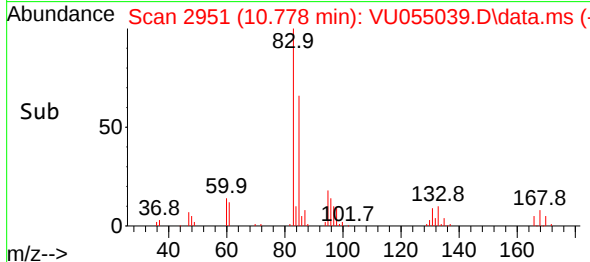
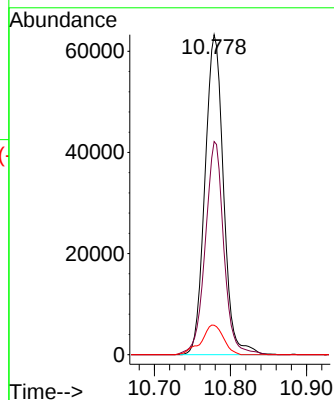
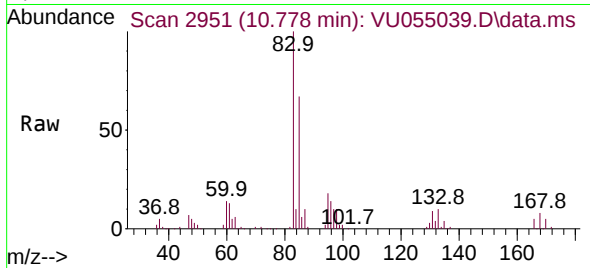




#57
1,1,2,2-Tetrachloroethane
Concen: 9.706 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

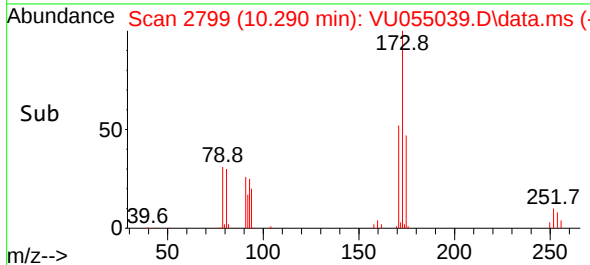
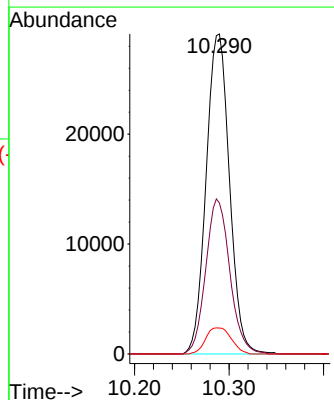
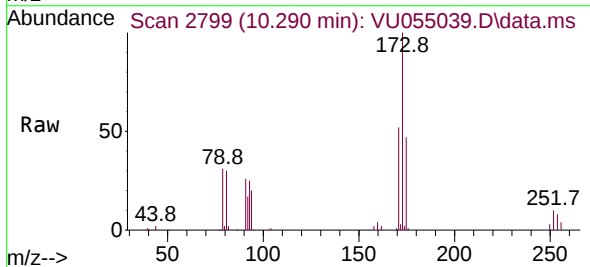
Instrument :
MSVOA_U
ClientSampleId :

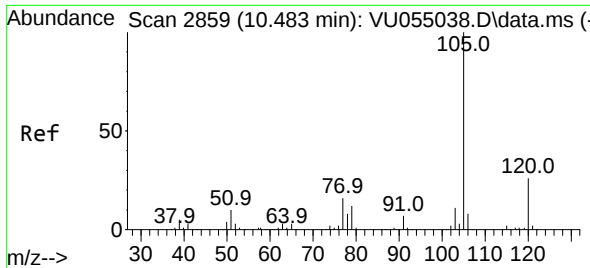
Tgt Ion: 83 Resp: 106990
Ion Ratio Lower Upper
83 100
85 66.6 42.4 78.6
131 9.2 7.6 11.4



#59
Bromoform
Concen: 8.960 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

Tgt Ion:173 Resp: 49910
Ion Ratio Lower Upper
173 100
175 50.0 40.9 61.3
254 8.9 7.0 10.4

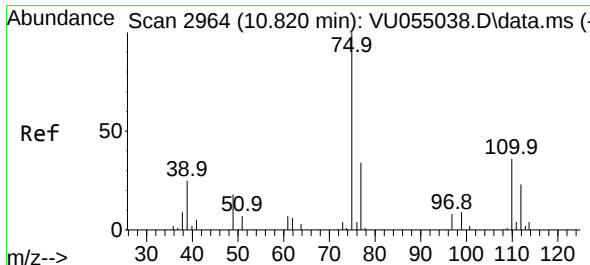
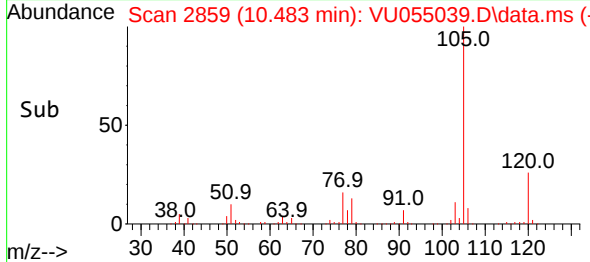
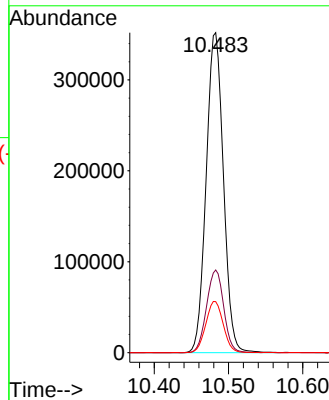
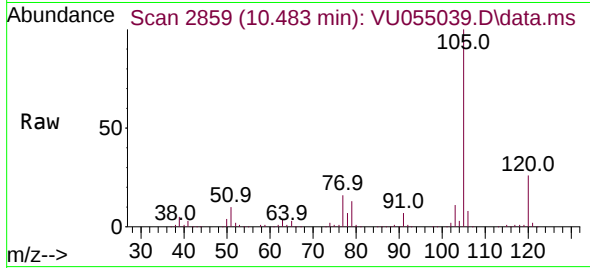




#60
Isopropylbenzene
Concen: 9.407 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

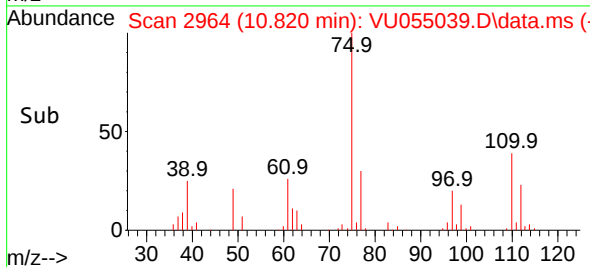
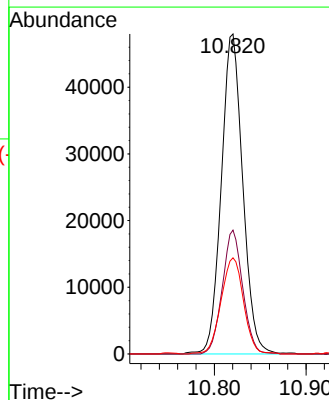
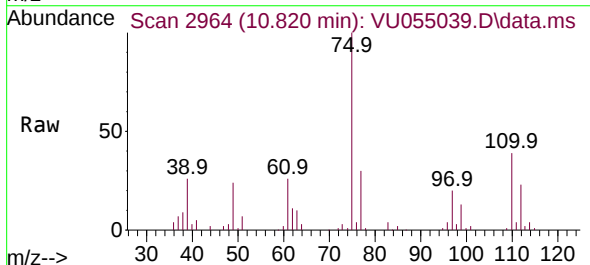
Instrument :
MSVOA_U
ClientSampleId :

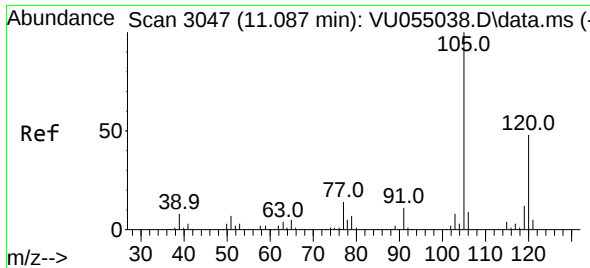
Tgt Ion:105 Resp: 566823
Ion Ratio Lower Upper
105 100
120 25.8 20.1 30.1
77 16.3 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 9.171 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

Tgt Ion: 75 Resp: 77872
Ion Ratio Lower Upper
75 100
110 36.8 28.2 42.2
77 31.5 26.2 39.4

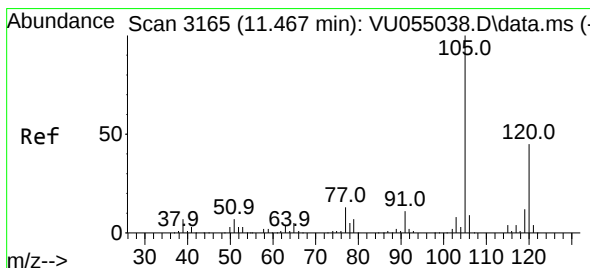
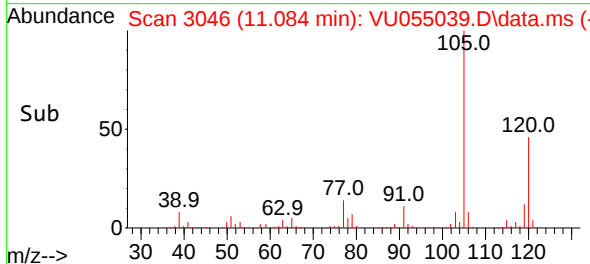
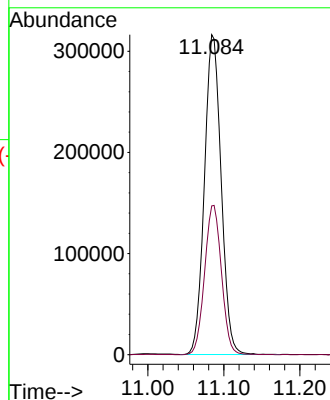
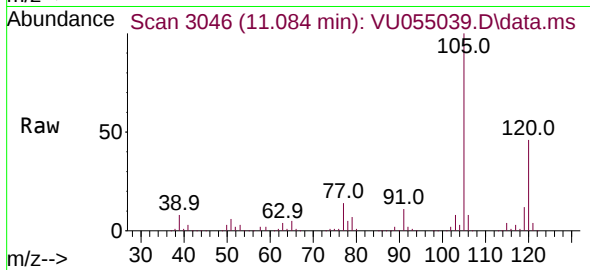




#62
1,3,5-Trimethylbenzene
Concen: 9.401 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.003 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

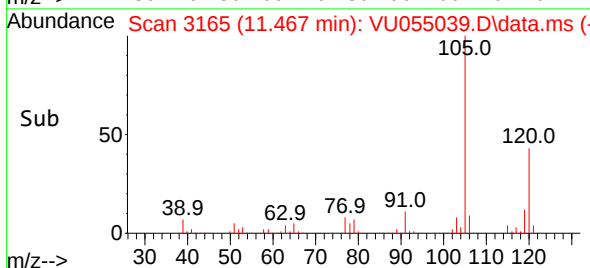
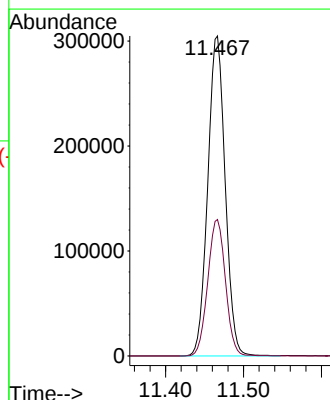
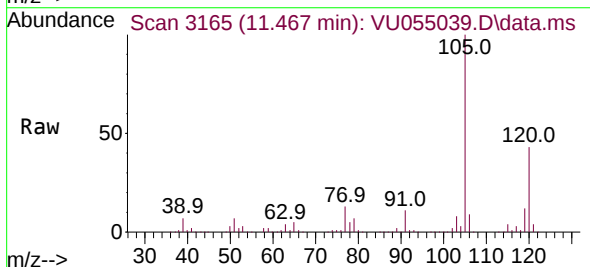
Instrument :
MSVOA_U
ClientSampleId :

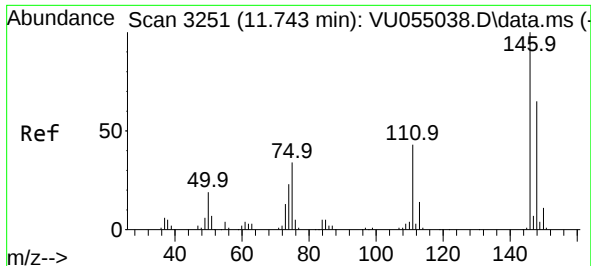
Tgt Ion:105 Resp: 483101
Ion Ratio Lower Upper
105 100
120 47.1 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 9.950 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

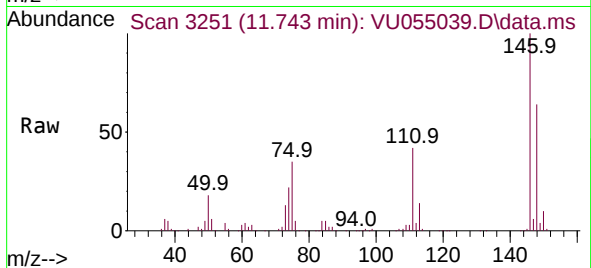
Tgt Ion:105 Resp: 473543
Ion Ratio Lower Upper
105 100
120 43.3 35.4 53.0



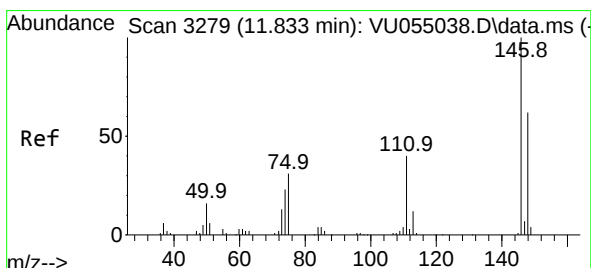
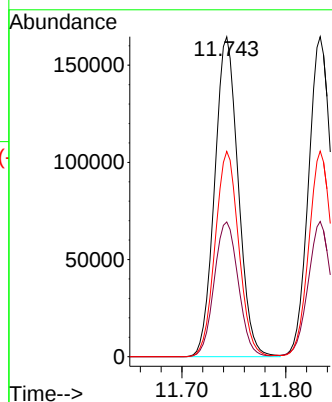
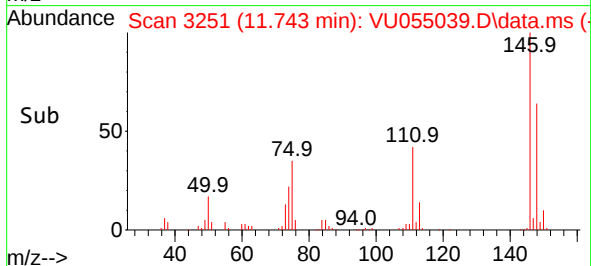


#64
1,3-Dichlorobenzene
Concen: 9.206 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05

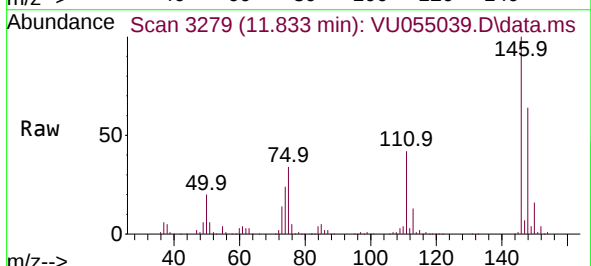
Instrument :
MSVOA_U
ClientSampleId :



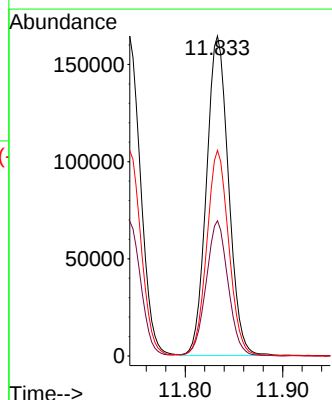
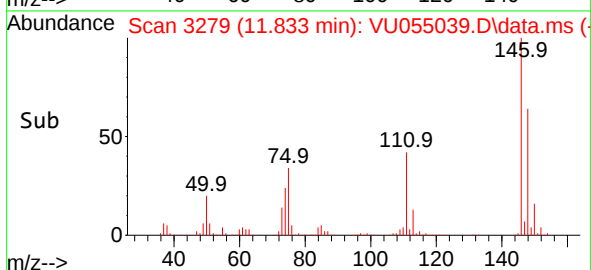
Tgt Ion:146 Resp: 259469
Ion Ratio Lower Upper
146 100
111 42.1 30.0 55.6
148 64.2 45.2 84.0

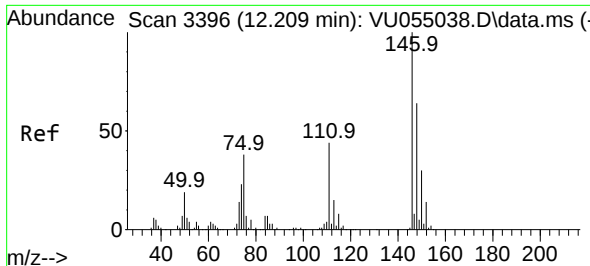


#65
1,4-Dichlorobenzene
Concen: 9.206 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055039.D
Acq: 01 Sep 2023 14:05



Tgt Ion:146 Resp: 258669
Ion Ratio Lower Upper
146 100
111 42.3 28.1 52.1
148 64.2 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 9.493 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU055039.D

Acq: 01 Sep 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

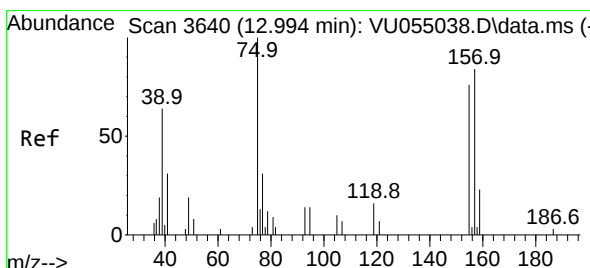
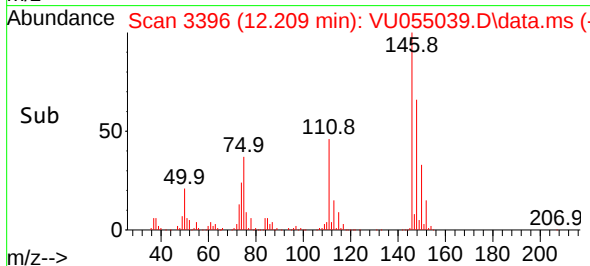
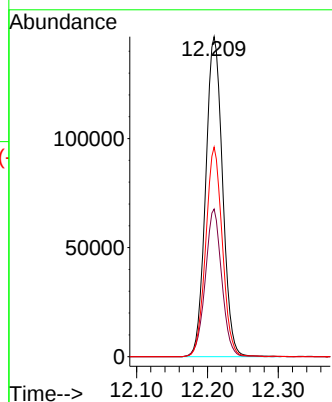
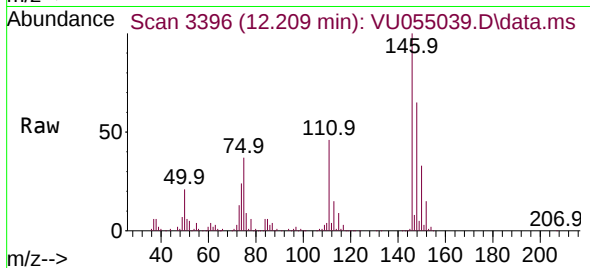
Tgt Ion:146 Resp: 242647

Ion Ratio Lower Upper

146 100

111 46.2 35.6 53.4

148 65.5 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 10.057 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU055039.D

Acq: 01 Sep 2023 14:05

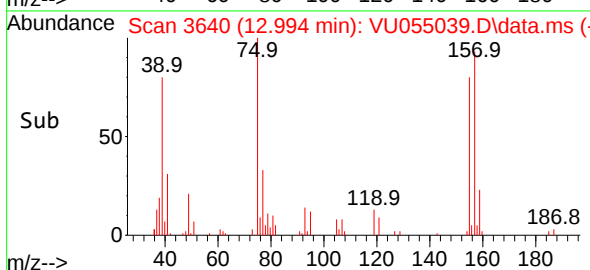
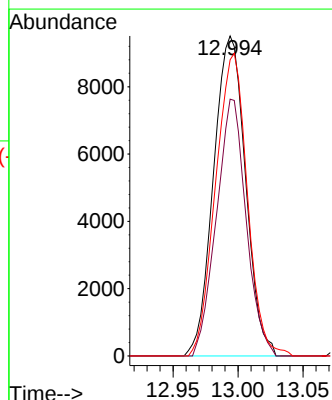
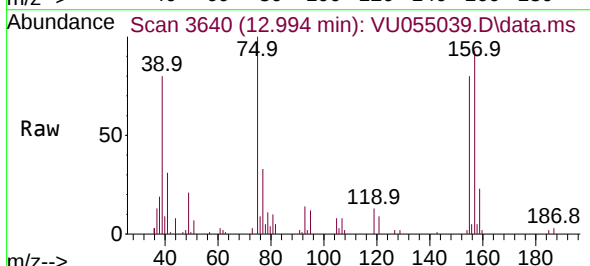
Tgt Ion: 75 Resp: 16260

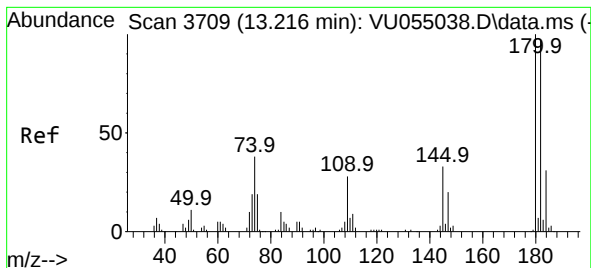
Ion Ratio Lower Upper

75 100

155 80.2 61.1 91.7

157 92.6 66.8 100.2





#69

1,3,5-Trichlorobenzene

Concen: 10.042 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU055039.D

Acq: 01 Sep 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 190011

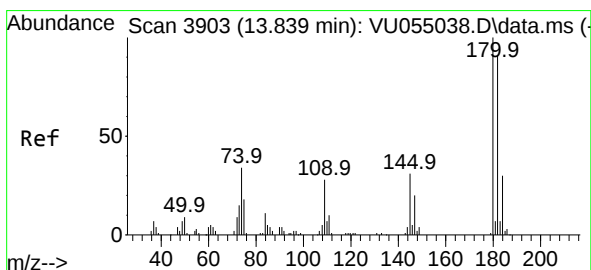
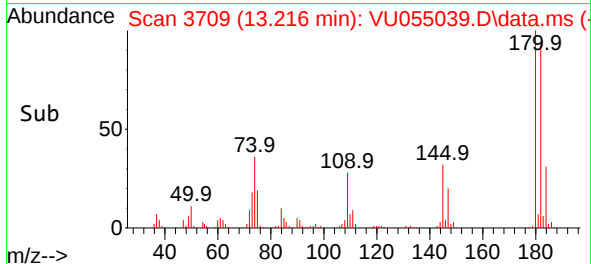
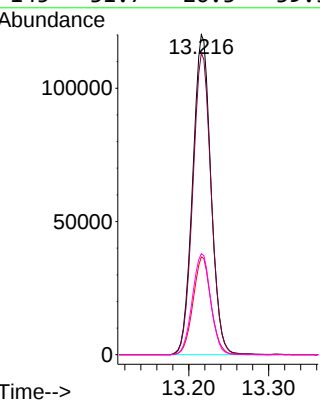
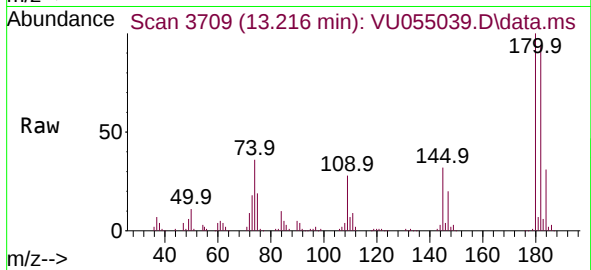
Ion Ratio Lower Upper

180 100

182 95.1 75.8 113.6

184 30.1 24.0 36.0

145 31.7 26.3 39.5



#70

1,2,4-trichlorobenzene

Concen: 10.458 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.003 min

Lab File: VU055039.D

Acq: 01 Sep 2023 14:05

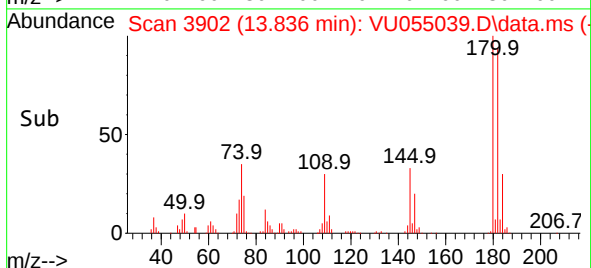
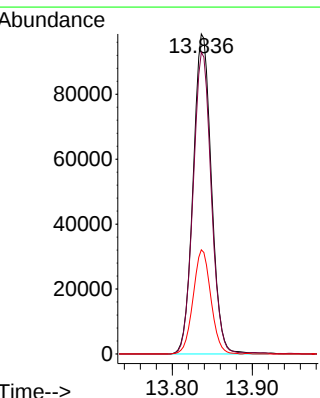
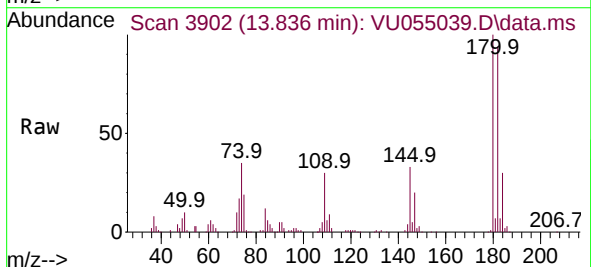
Tgt Ion:180 Resp: 156261

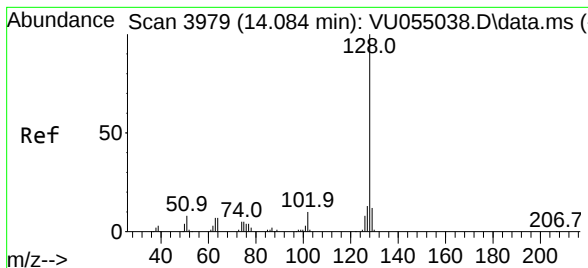
Ion Ratio Lower Upper

180 100

182 93.8 73.6 110.4

145 31.7 25.8 38.8





#71

Naphthalene

Concen: 10.744 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU055039.D

Acq: 01 Sep 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

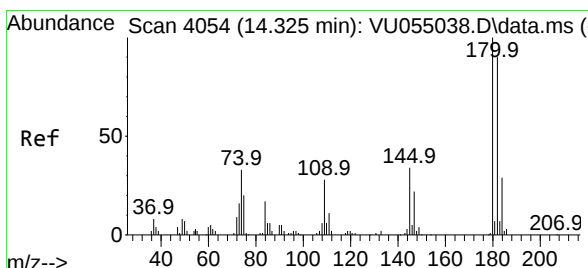
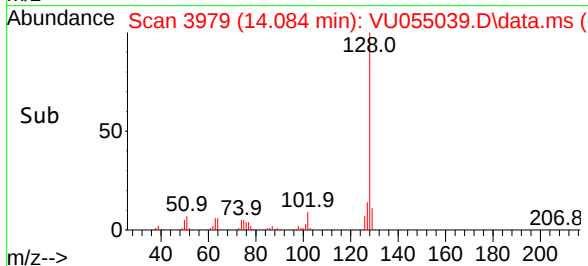
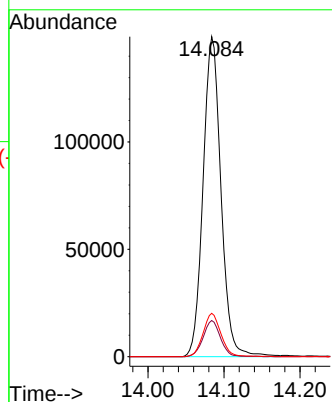
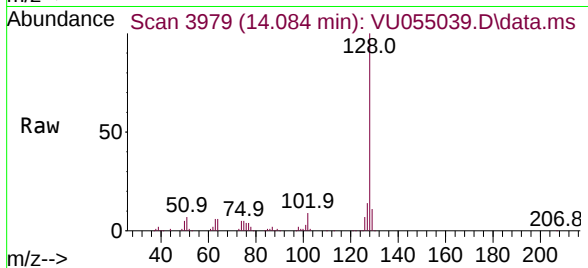
Tgt Ion:128 Resp: 244161

Ion Ratio Lower Upper

128 100

129 10.9 8.2 12.2

127 13.5 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 10.740 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU055039.D

Acq: 01 Sep 2023 14:05

Tgt Ion:180 Resp: 134471

Ion Ratio Lower Upper

180 100

182 97.4 75.6 113.4

145 34.8 27.0 40.6

