

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
 Data File : VU055985.D
 Acq On : 28 Oct 2023 19:43
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:57:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 30 04:51:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	365442	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	348839	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	185817	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	118506	4.099	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.914	69	102599	4.553	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.566	65	55249	4.502	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.624	46	249538	48.386	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.780%
24) Chloroform-d	5.058	84	259505	4.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.698	65	118945	4.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.724	84	524554	5.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.689	67	157477	5.112	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.894	98	483647	5.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	8.177	79	54146	4.494	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.631	63	211752	69.239	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	138.480%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	115656	5.156	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	172049	4.963	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	92066	4.420	ug/L	99
3) Chloromethane	1.518	50	80785	4.062	ug/L	97
5) Vinyl chloride	1.602	62	91543	4.179	ug/L	97
6) Bromomethane	1.856	94	55189	4.067	ug/L	97
8) Chloroethane	1.933	64	58123	4.528	ug/L	97
9) Trichlorofluoromethane	2.139	101	140091	4.637	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	95463	4.810	ug/L	99
12) 1,1-Dichloroethene	2.579	96	82447	4.655	ug/L	91
13) Acetone	2.637	43	109914	37.400	ug/L	97
14) Carbon disulfide	2.792	76	194855	4.297	ug/L	98
15) Methyl Acetate	2.956	43	27506	4.594	ug/L	91
16) Methylene chloride	3.046	84	94367	4.702	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	206745	4.810	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	85485	4.868	ug/L	97
19) 1,1-Dichloroethane	3.865	63	172761	4.845	ug/L	97
21) 2-Butanone	4.708	43	181123	41.925	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	103131	4.850	ug/L	89
23) Bromochloromethane	4.975	128	42484	4.904	ug/L	99
25) Chloroform	5.084	83	183301	4.794	ug/L	97

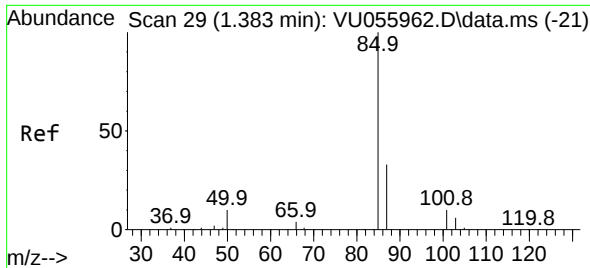
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 30 04:51:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	101274	4.509	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	156352	4.918	ug/L	98
30) Cyclohexane	5.386	56	124180	4.629	ug/L	99
31) Carbon tetrachloride	5.521	117	134407	4.956	ug/L	96
33) Benzene	5.772	78	381929	4.961	ug/L	100
34) Trichloroethene	6.541	95	102825	4.775	ug/L	97
35) Methylcyclohexane	6.759	83	137597	4.734	ug/L	96
37) 1,2-Dichloropropane	6.788	63	102565	5.018	ug/L	98
38) Bromodichloromethane	7.103	83	126899	4.945	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	139445	4.789	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	460547	46.740	ug/L	97
42) Toluene	7.965	91	413615	5.141	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	111580	4.747	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	72759	5.063	ug/L	95
47) Tetrachloroethene	8.550	164	77610	5.146	ug/L	97
48) 2-Hexanone	8.682	43	352654	45.519	ug/L	99
49) Dibromochloromethane	8.807	129	82476	5.228	ug/L	96
50) 1,2-Dibromoethane	8.920	107	66000	5.061	ug/L	100
51) Chlorobenzene	9.444	112	266274	5.050	ug/L	99
52) Ethylbenzene	9.566	91	452595	4.963	ug/L	99
53) m,p-Xylene	9.692	106	175898	5.161	ug/L	99
54) o-Xylene	10.097	106	163961	4.916	ug/L	97
55) Styrene	10.113	104	289190	5.409	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.778	83	83691	5.030	ug/L #	95
59) Bromoform	10.286	173	47352	5.009	ug/L	98
60) Isopropylbenzene	10.483	105	461192	4.981	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	57315	4.493	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	363852	4.808	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	362023	5.150	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	215659	4.913	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	215488	4.919	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	200385	4.972	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	12748	5.600	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	156112	5.205	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	125125	5.644	ug/L	99
71) Naphthalene	14.084	128	172541	5.374	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	106789	5.587	ug/L	99

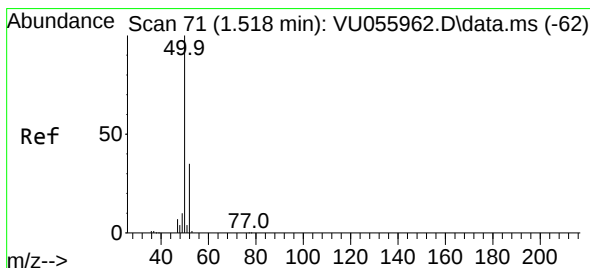
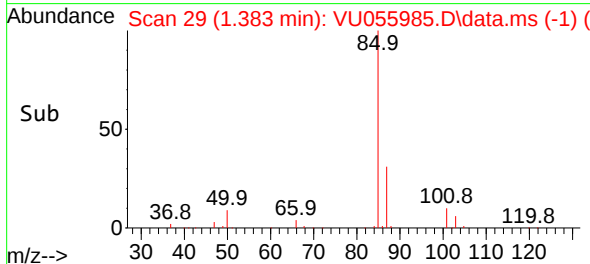
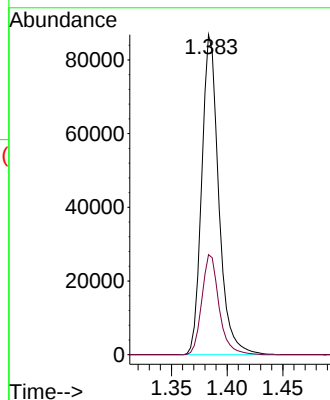
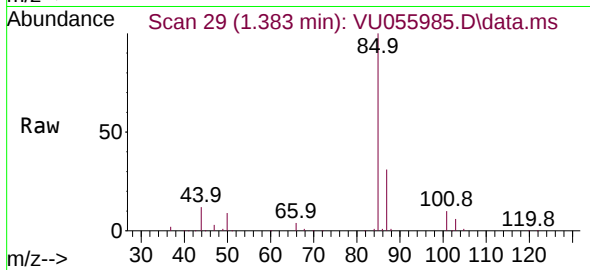
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.420 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055985.D
 Acq: 28 Oct 2023 19:43

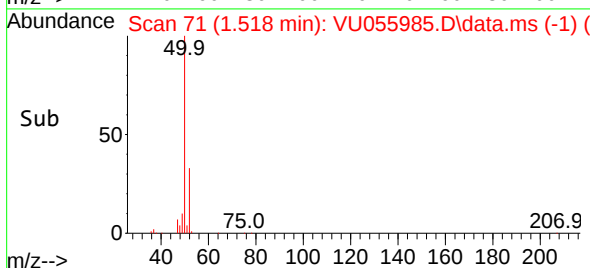
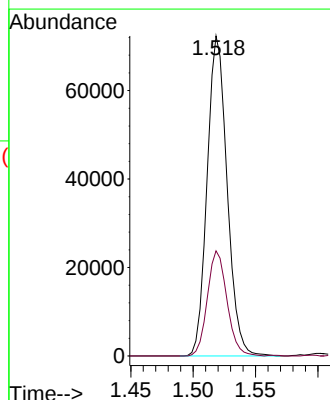
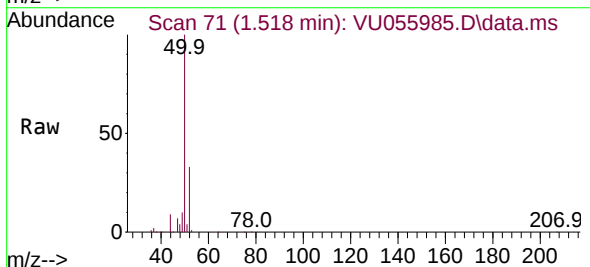
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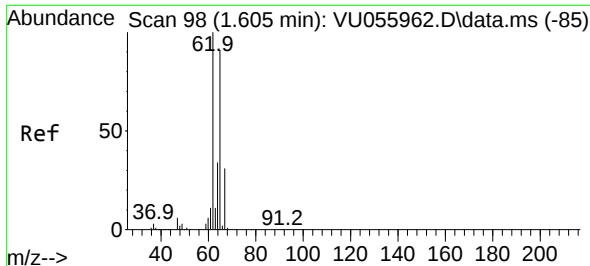
Tgt Ion: 85 Resp: 92066
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.0 37.4



#3
 Chloromethane
 Concen: 4.062 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU055985.D
 Acq: 28 Oct 2023 19:43

Tgt Ion: 50 Resp: 80785
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.0 40.8

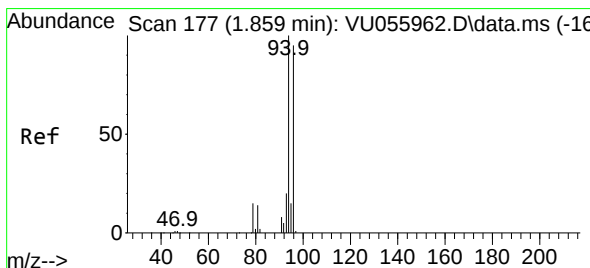
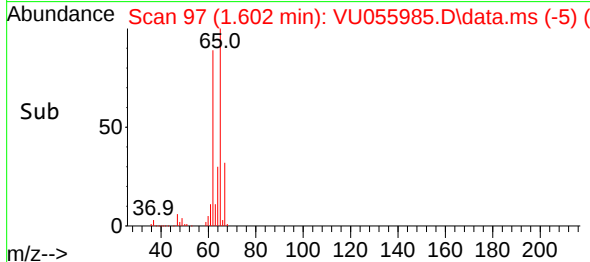
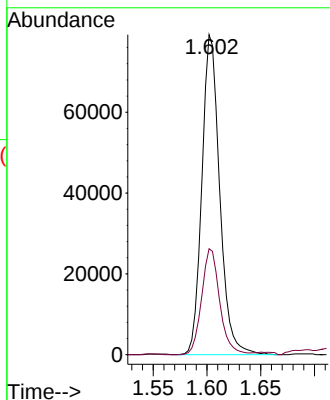
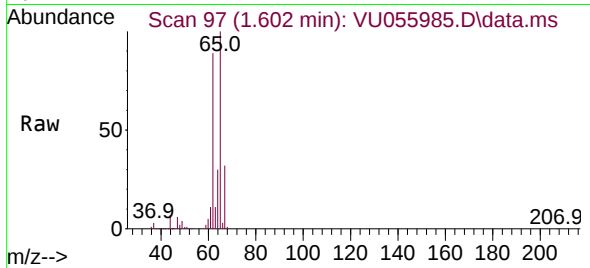




#5
 Vinyl chloride
 Concen: 4.179 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU055985.D
 Acq: 28 Oct 2023 19:43

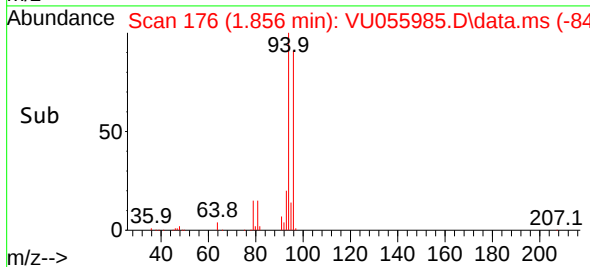
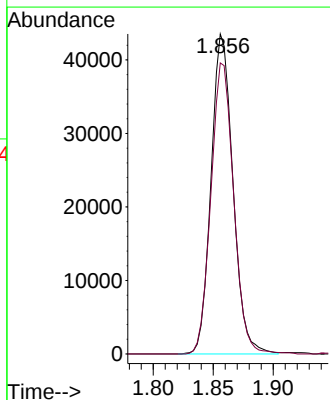
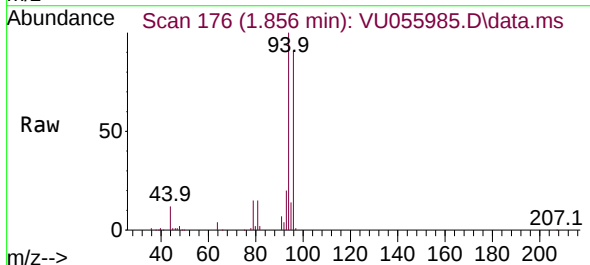
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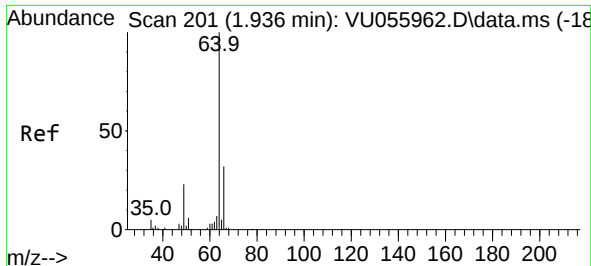
Tgt Ion: 62 Resp: 91543
 Ion Ratio Lower Upper
 62 100
 64 33.1 24.2 45.0



#6
 Bromomethane
 Concen: 4.067 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.003 min
 Lab File: VU055985.D
 Acq: 28 Oct 2023 19:43

Tgt Ion: 94 Resp: 55189
 Ion Ratio Lower Upper
 94 100
 96 91.0 65.9 122.5

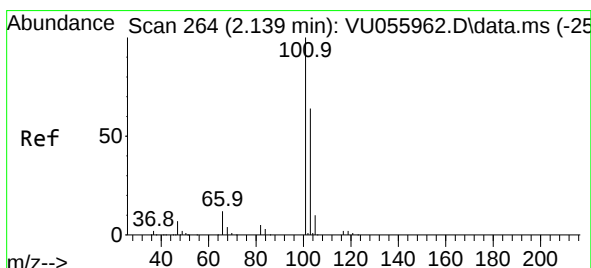
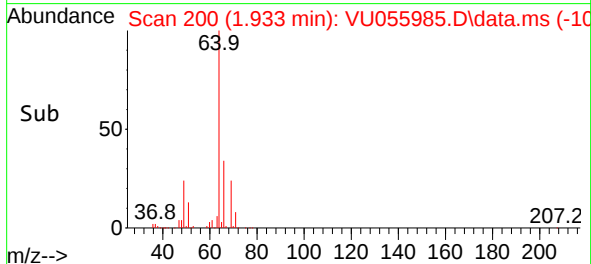
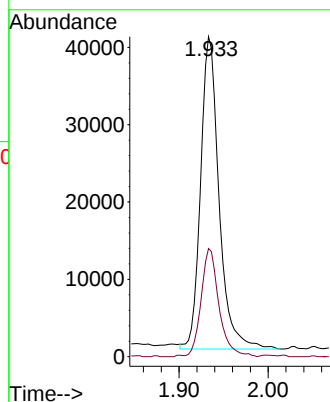
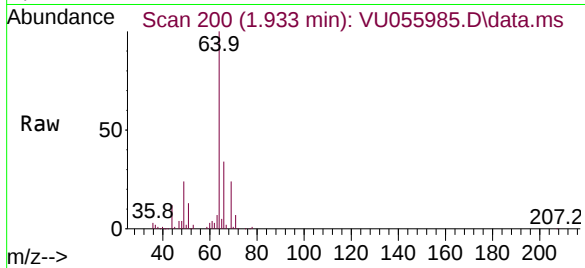




#8
Chloroethane
Concen: 4.528 ug/L
RT: 1.933 min Scan# 201
Delta R.T. -0.003 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

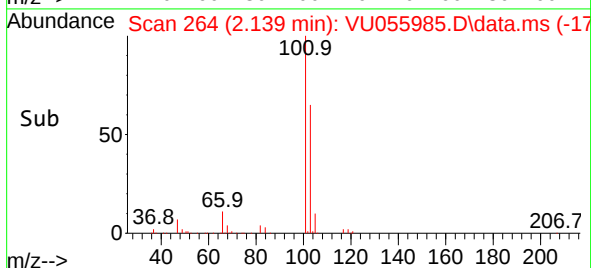
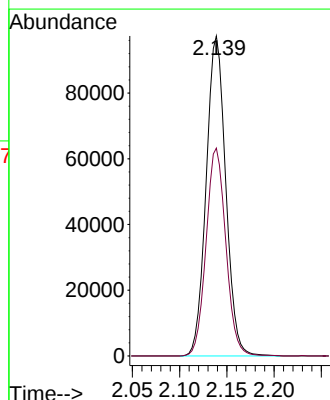
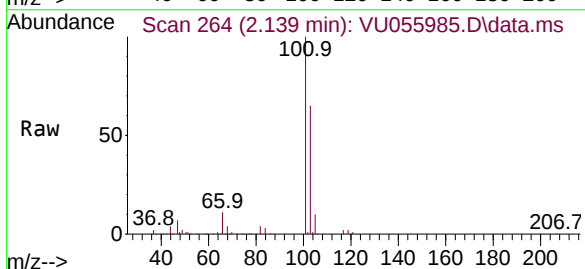
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ClientSampleId :

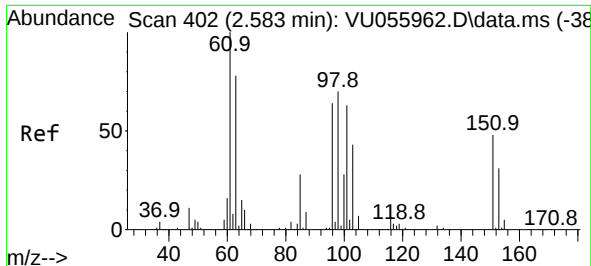
Tgt Ion: 64 Resp: 58123
Ion Ratio Lower Upper
64 100
66 33.8 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.637 ug/L
RT: 2.139 min Scan# 264
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

Tgt Ion:101 Resp: 140091
Ion Ratio Lower Upper
101 100
103 65.6 52.2 78.2

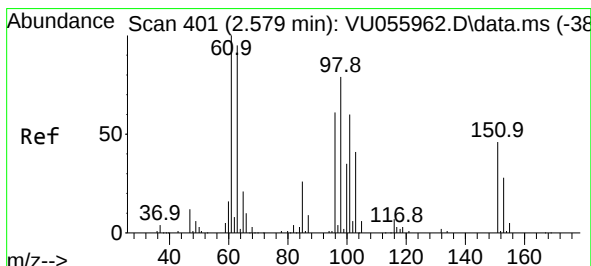
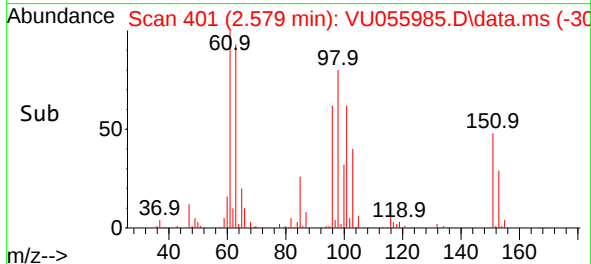
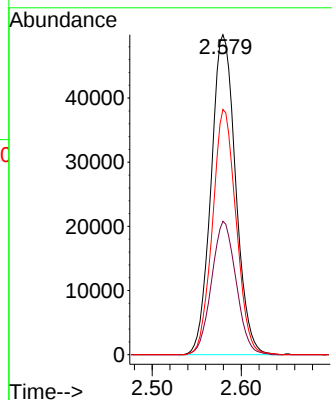
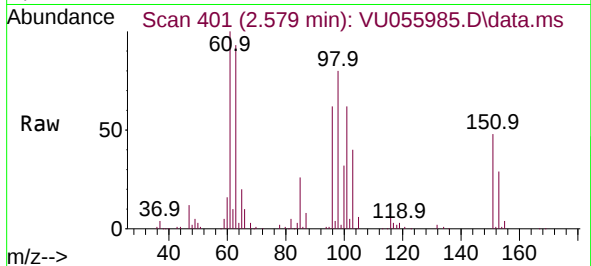




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.810 ug/L
RT: 2.579 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

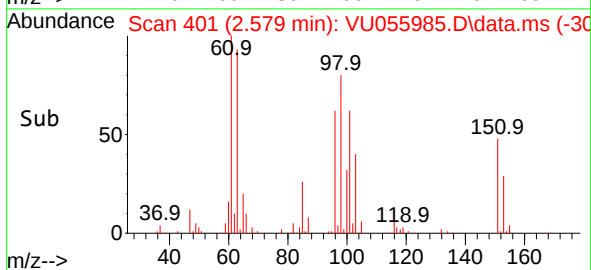
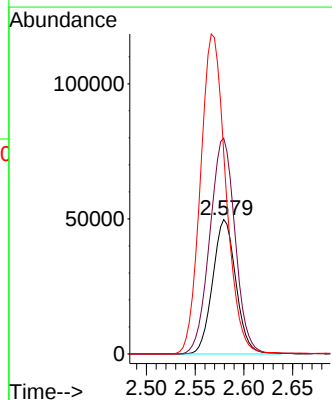
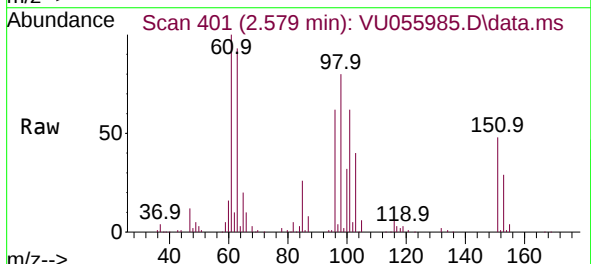
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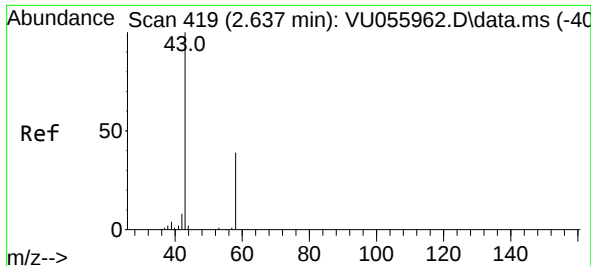
Tgt Ion:101 Resp: 95463
Ion Ratio Lower Upper
101 100
85 41.6 34.4 51.6
151 73.8 58.4 87.6



#12
1,1-Dichloroethene
Concen: 4.655 ug/L
RT: 2.579 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

Tgt Ion: 96 Resp: 82447
Ion Ratio Lower Upper
96 100
61 160.5 123.8 230.0
63 149.6 111.0 206.2





#13

Acetone

Concen: 37.400 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.000 min

Lab File: VU055985.D

Acq: 28 Oct 2023 19:43

Instrument :

MSVOA_U

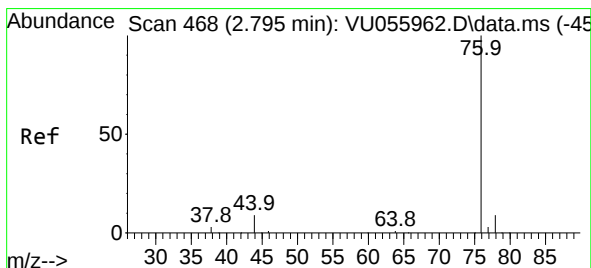
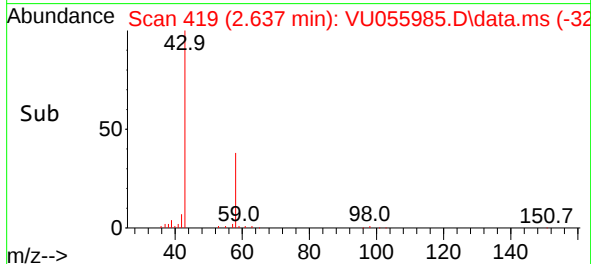
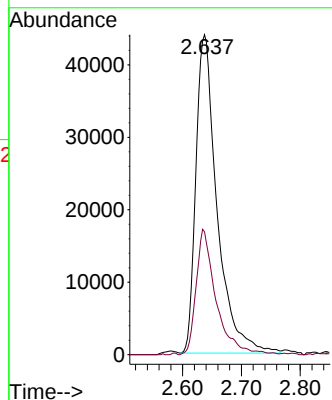
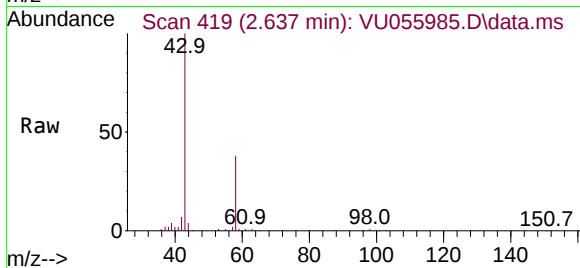
ClientSampleId :

Tgt Ion: 43 Resp: 109914

Ion Ratio Lower Upper

43 100

58 36.4 0.0 69.0



#14

Carbon disulfide

Concen: 4.297 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.003 min

Lab File: VU055985.D

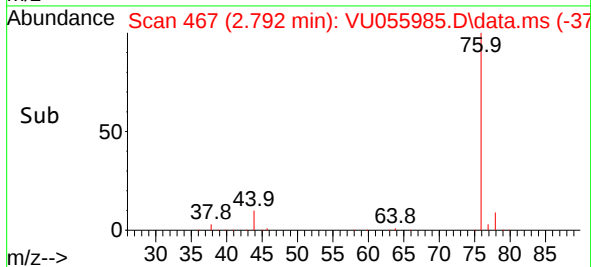
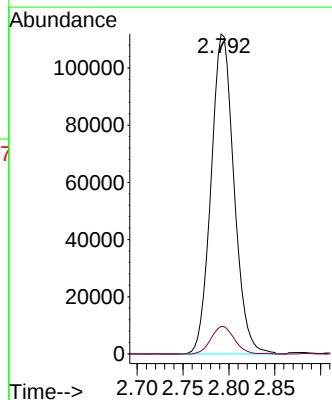
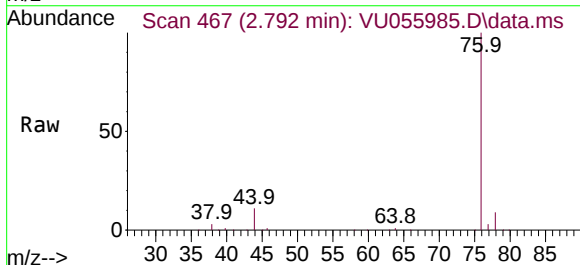
Acq: 28 Oct 2023 19:43

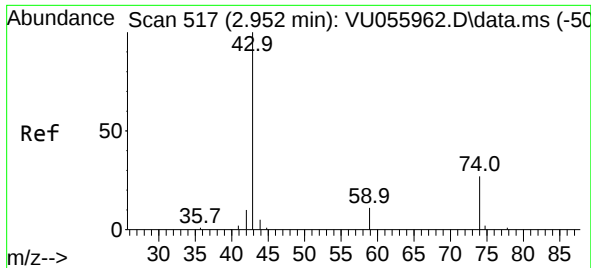
Tgt Ion: 76 Resp: 194855

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3

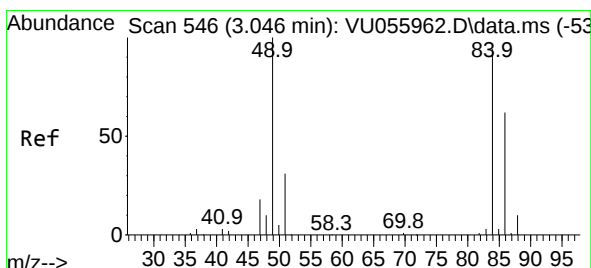
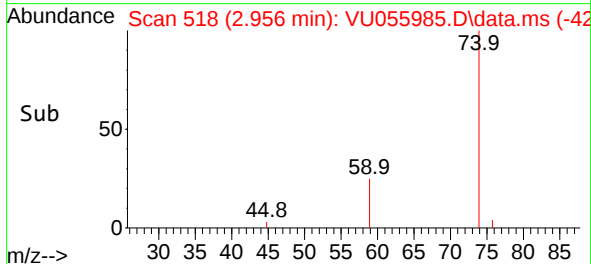
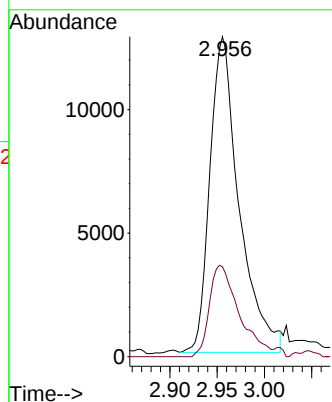
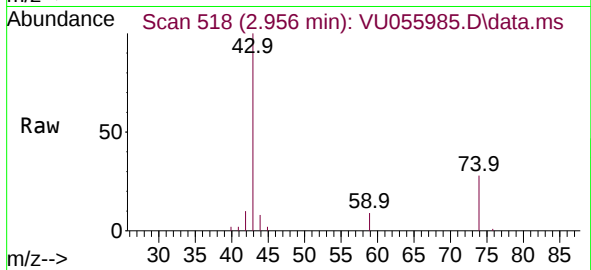




#15
Methyl Acetate
Concen: 4.594 ug/L
RT: 2.956 min Scan# 517
Delta R.T. 0.003 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

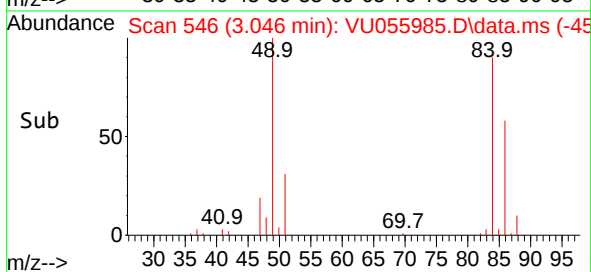
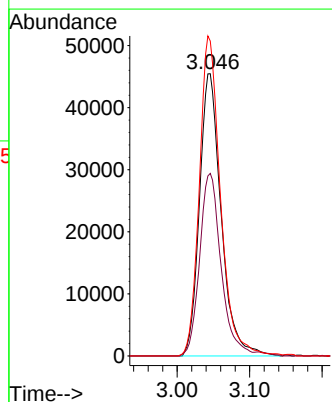
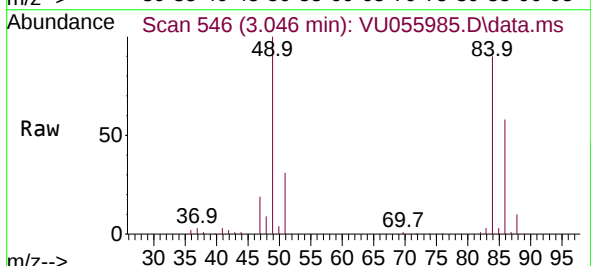
Instrument :
MSVOA_U
ClientSampleId :

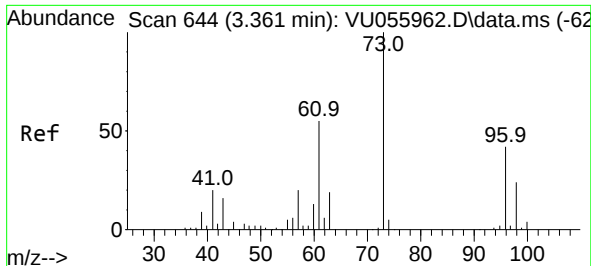
Tgt Ion: 43 Resp: 27506
Ion Ratio Lower Upper
43 100
74 29.2 19.9 29.9



#16
Methylene chloride
Concen: 4.702 ug/L
RT: 3.046 min Scan# 546
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

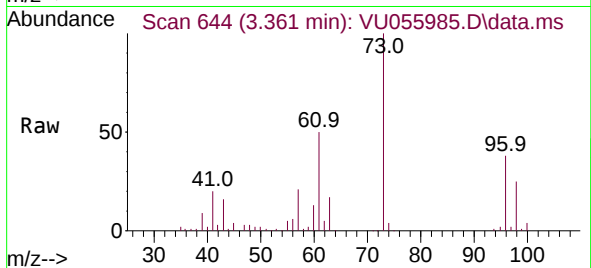
Tgt Ion: 84 Resp: 94367
Ion Ratio Lower Upper
84 100
86 64.7 45.2 84.0
49 111.6 78.8 146.3



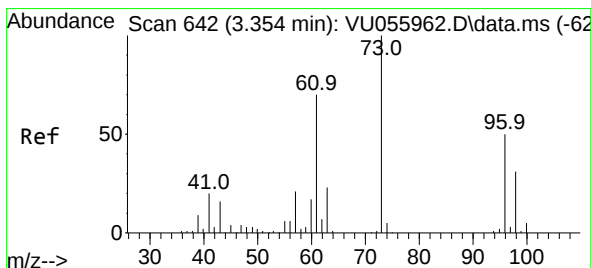
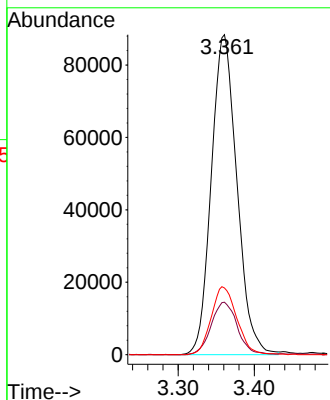
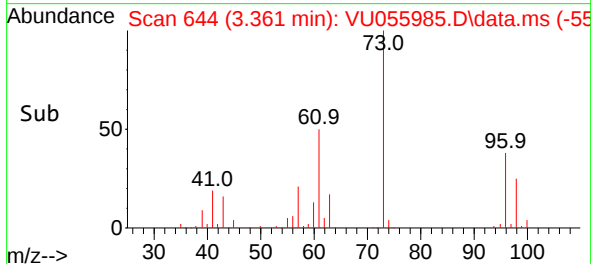


#17
Methyl tert-butyl Ether
Concen: 4.810 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

Instrument :
MSVOA_U
ClientSampleId :

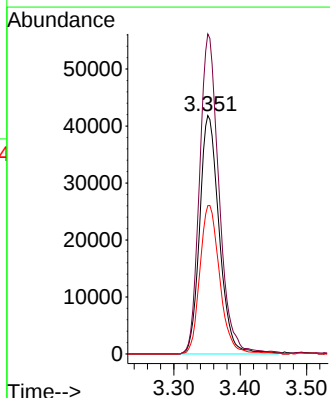
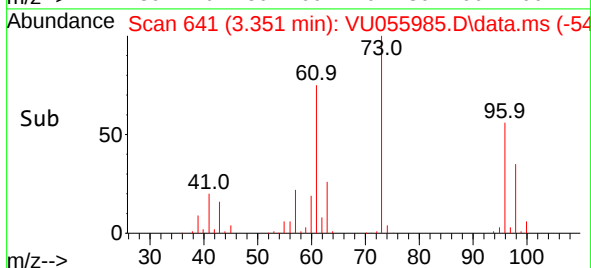
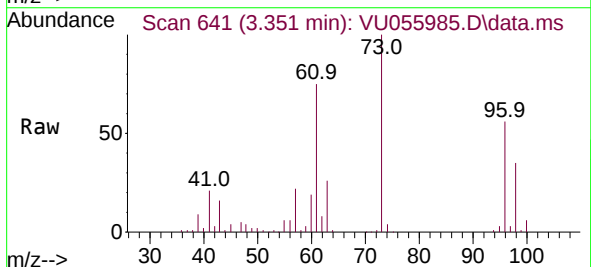


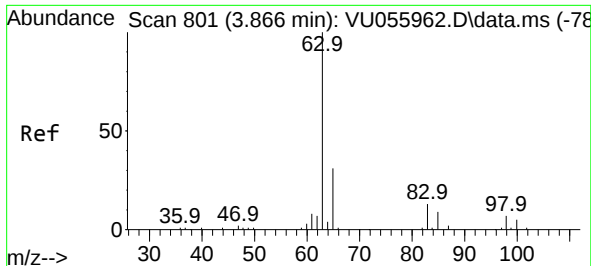
Tgt Ion: 73 Resp: 206745
Ion Ratio Lower Upper
73 100
43 16.8 14.4 21.6
57 21.2 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 4.868 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

Tgt Ion: 96 Resp: 85485
Ion Ratio Lower Upper
96 100
61 134.2 97.5 181.1
98 62.2 42.7 79.3

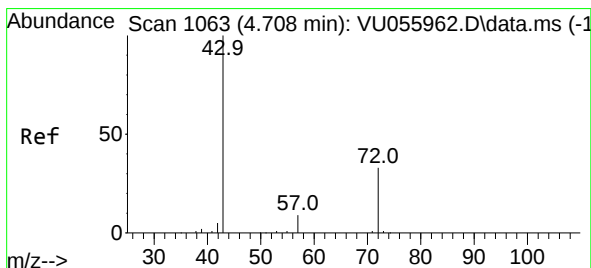
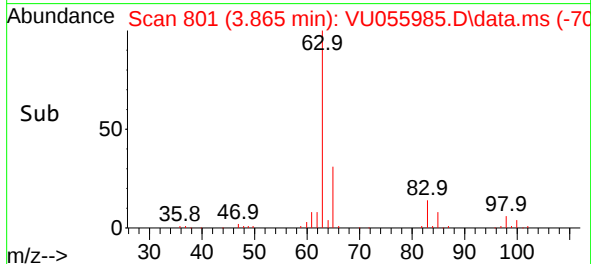
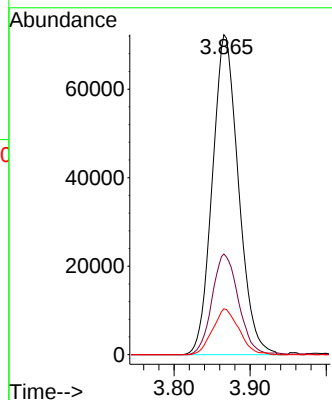
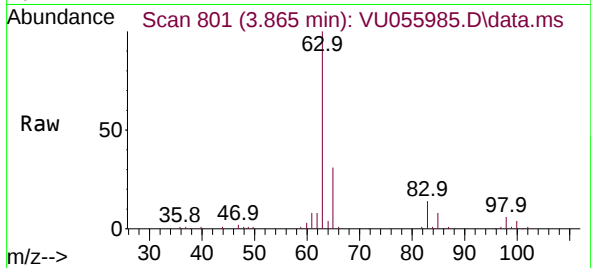




#19
1,1-Dichloroethane
Concen: 4.845 ug/L
RT: 3.865 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

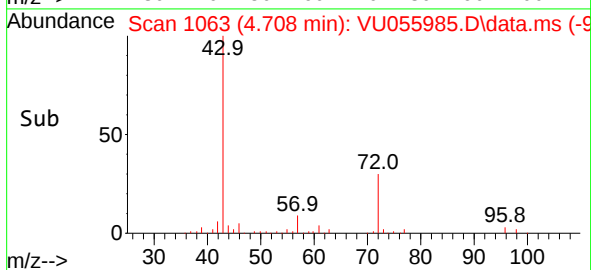
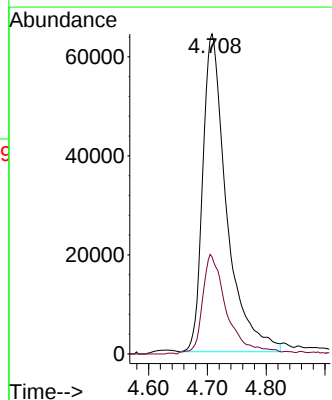
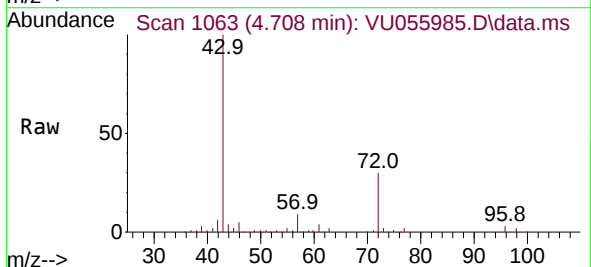
Instrument :
MSVOA_U
ClientSampleId :

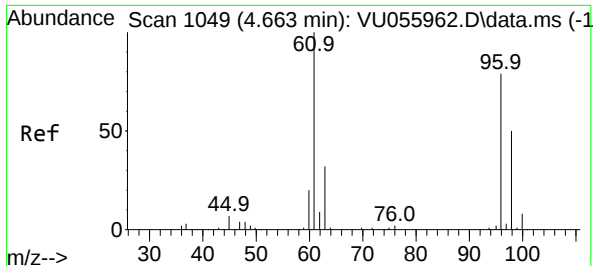
Tgt Ion: 63 Resp: 172761
Ion Ratio Lower Upper
63 100
65 31.4 23.3 43.3
83 14.3 10.5 19.5



#21
2-Butanone
Concen: 41.925 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

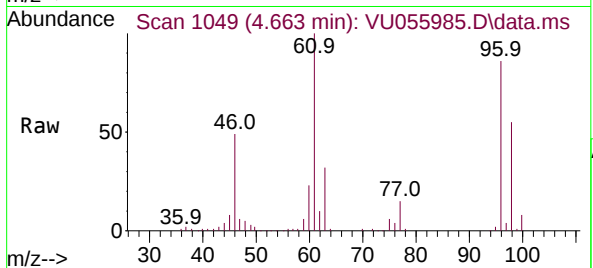
Tgt Ion: 43 Resp: 181123
Ion Ratio Lower Upper
43 100
72 31.7 14.4 43.4



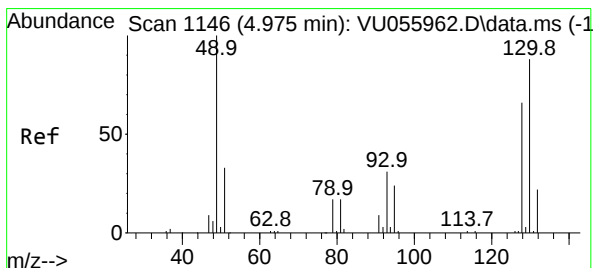
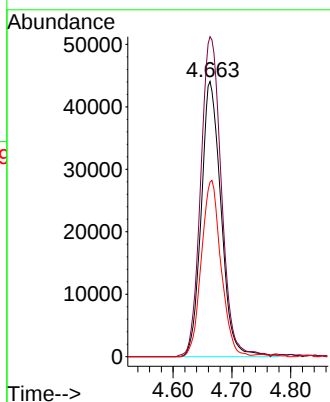
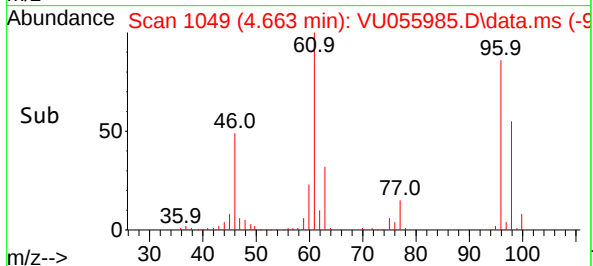


#22
 cis-1,2-Dichloroethene
 Concen: 4.850 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055985.D
 Acq: 28 Oct 2023 19:43

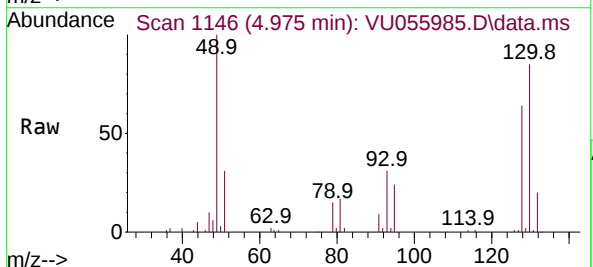
Instrument :
 MSVOA_U
 ClientSampleId :



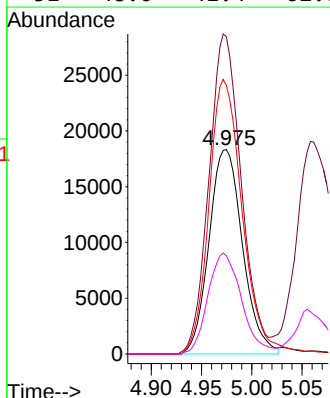
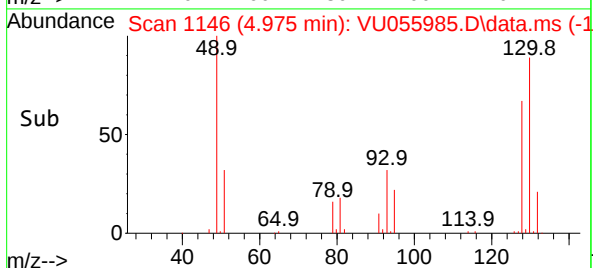
Tgt Ion: 96 Resp: 103131
 Ion Ratio Lower Upper
 96 100
 61 116.3 93.8 174.2
 98 63.4 45.6 84.8

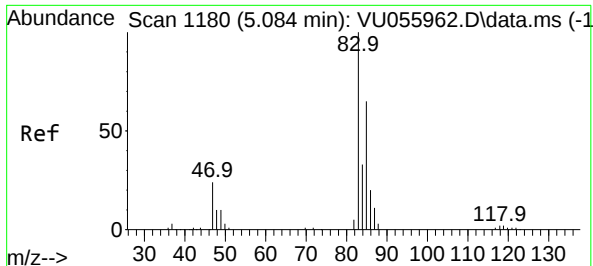


#23
 Bromochloromethane
 Concen: 4.904 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. -0.000 min
 Lab File: VU055985.D
 Acq: 28 Oct 2023 19:43



Tgt Ion: 128 Resp: 42484
 Ion Ratio Lower Upper
 128 100
 49 155.1 108.7 201.9
 130 131.4 91.5 169.9
 51 48.0 41.4 62.0





#25

Chloroform

Concen: 4.794 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055985.D

Acq: 28 Oct 2023 19:43

Instrument :

MSVOA_U

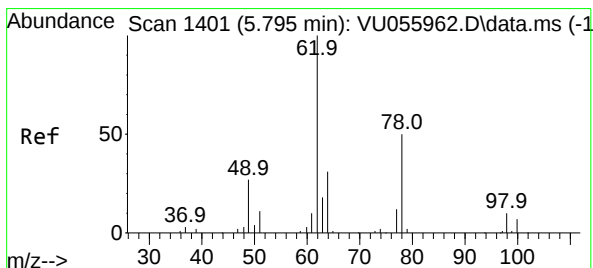
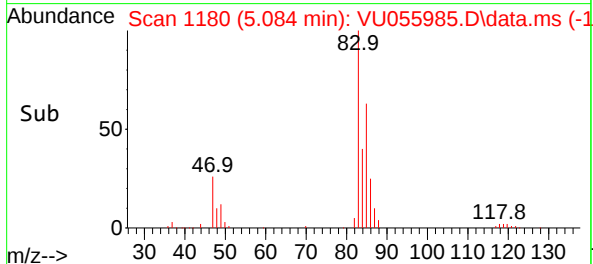
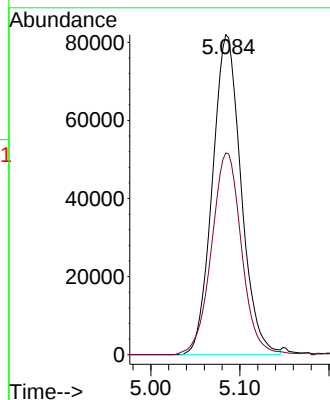
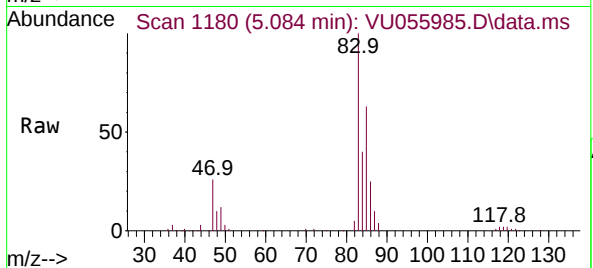
ClientSampleId :

Tgt Ion: 83 Resp: 183301

Ion Ratio Lower Upper

83 100

85 63.0 45.6 84.8



#27

1,2-Dichloroethane

Concen: 4.509 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. -0.003 min

Lab File: VU055985.D

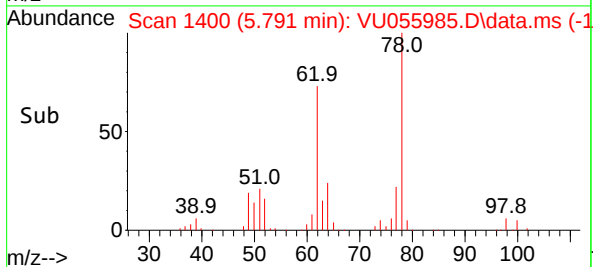
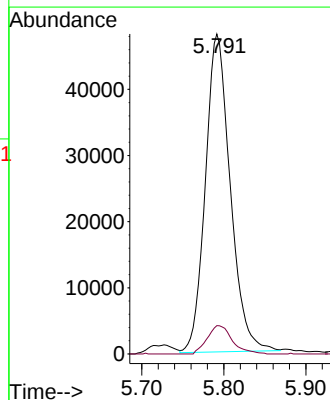
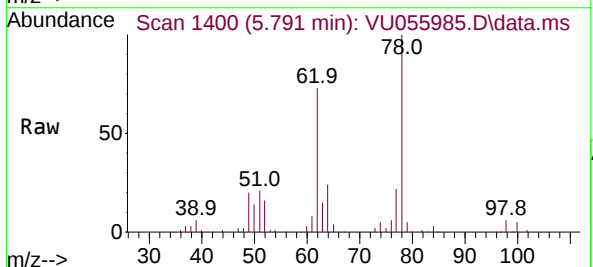
Acq: 28 Oct 2023 19:43

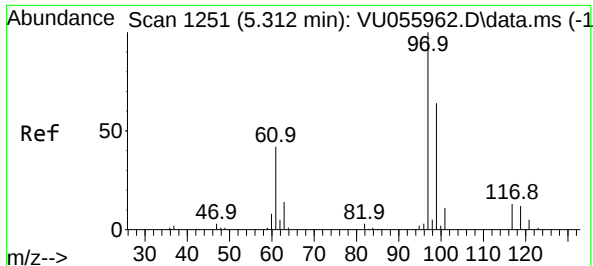
Tgt Ion: 62 Resp: 101274

Ion Ratio Lower Upper

62 100

98 8.8 7.4 11.2

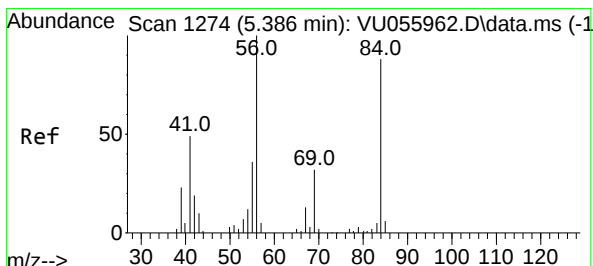
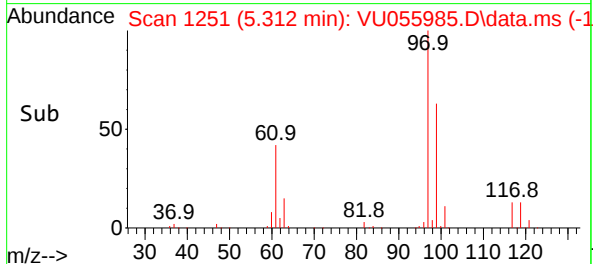
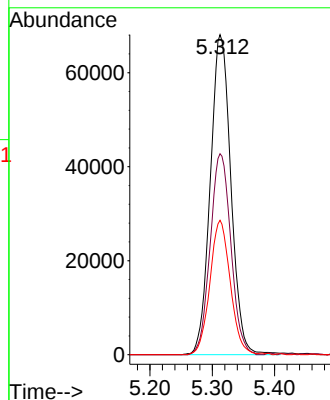
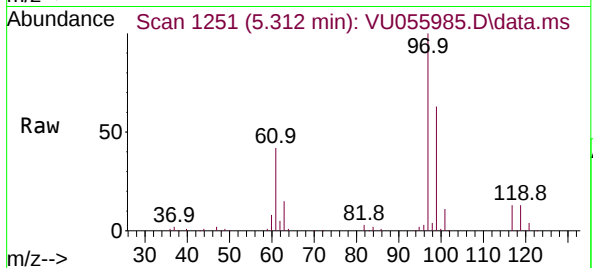




#29
1,1,1-Trichloroethane
Concen: 4.918 ug/L
RT: 5.312 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

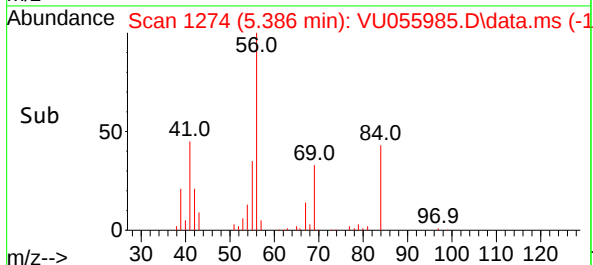
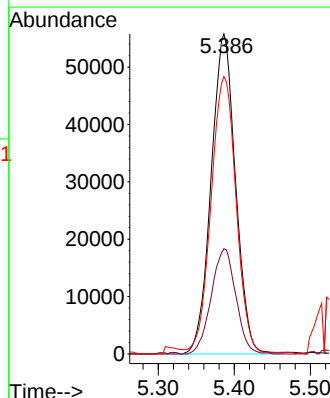
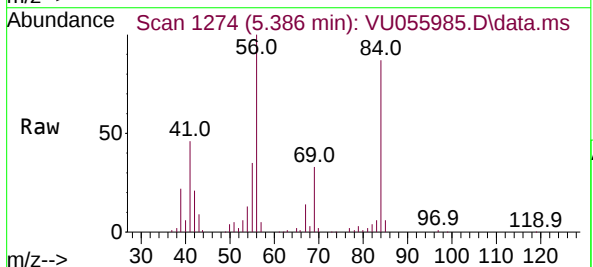
Instrument :
MSVOA_U
ClientSampleId :

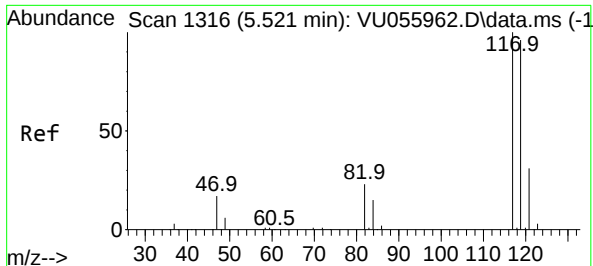
Tgt Ion: 97 Resp: 156352
Ion Ratio Lower Upper
97 100
99 63.0 50.8 76.2
61 41.4 35.0 52.4



#30
Cyclohexane
Concen: 4.629 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

Tgt Ion: 56 Resp: 124180
Ion Ratio Lower Upper
56 100
69 33.2 25.4 38.2
84 88.2 71.0 106.6

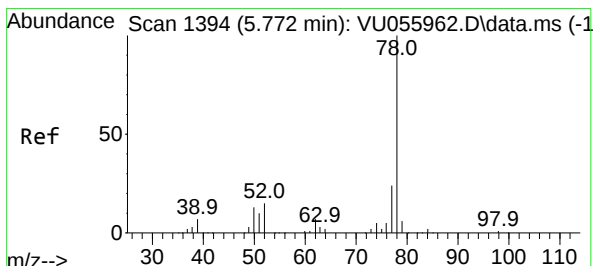
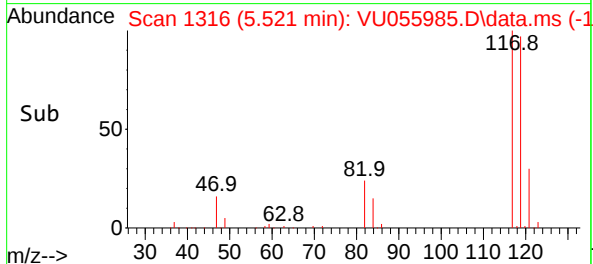
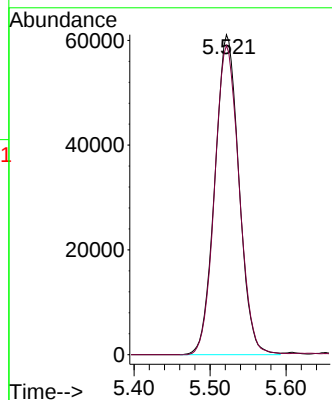
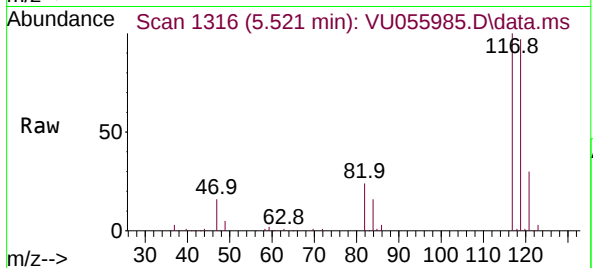




#31
Carbon tetrachloride
Concen: 4.956 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

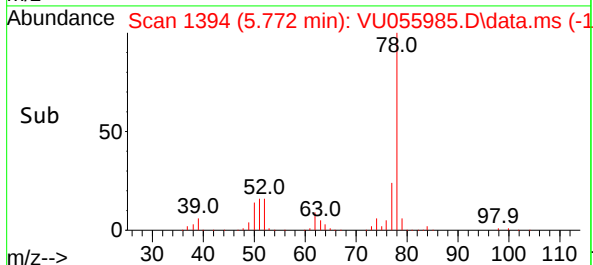
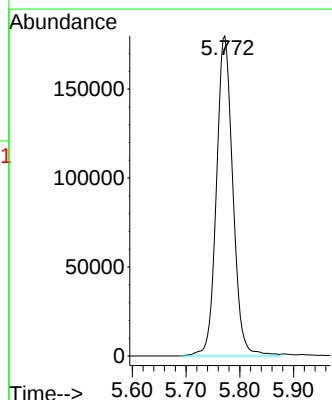
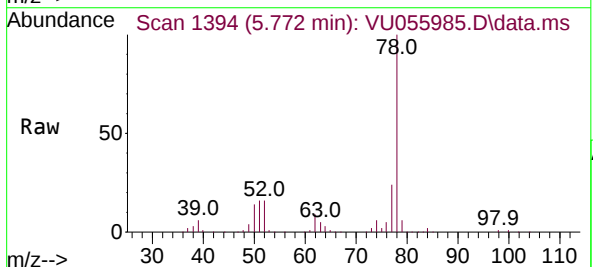
Instrument :
MSVOA_U
ClientSampleId :

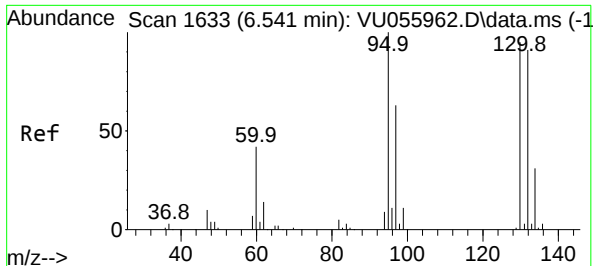
Tgt Ion:117 Resp: 134407
Ion Ratio Lower Upper
117 100
119 98.1 75.1 112.7



#33
Benzene
Concen: 4.961 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

Tgt Ion: 78 Resp: 381929

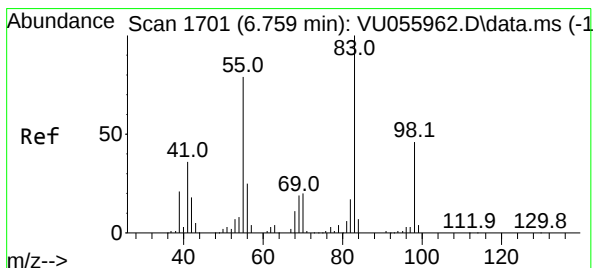
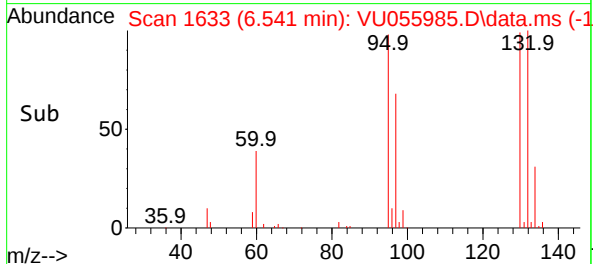
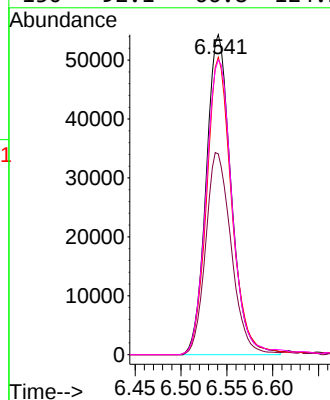
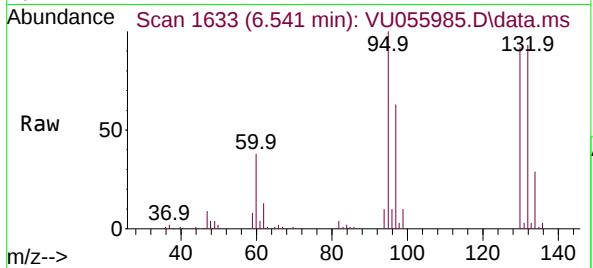




#34
Trichloroethene
Concen: 4.775 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

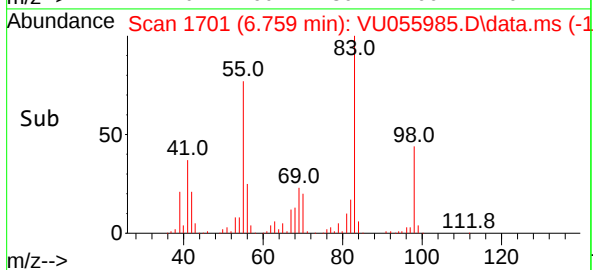
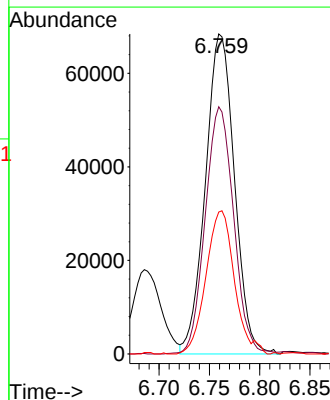
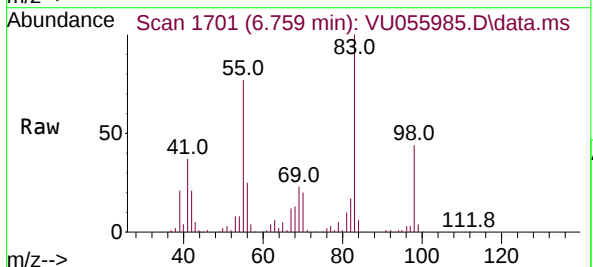
Instrument :
MSVOA_U
ClientSampleId :

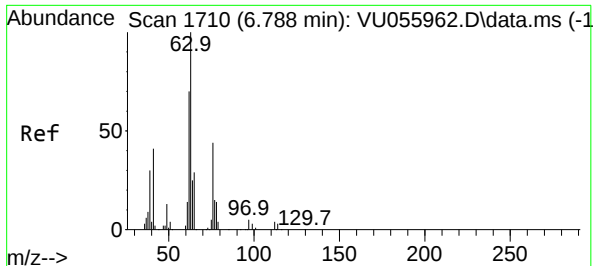
Tgt Ion: 95 Resp: 102825
Ion Ratio Lower Upper
95 100
97 62.8 45.4 84.2
132 92.9 63.9 118.7
130 92.1 66.8 124.2



#35
Methylcyclohexane
Concen: 4.734 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

Tgt Ion: 83 Resp: 137597
Ion Ratio Lower Upper
83 100
55 75.5 62.4 93.6
98 43.7 37.4 56.2

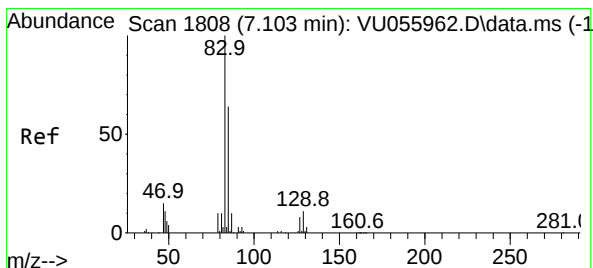
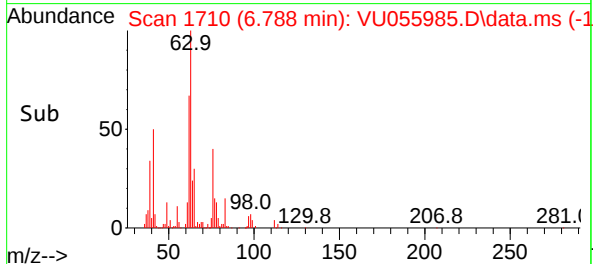
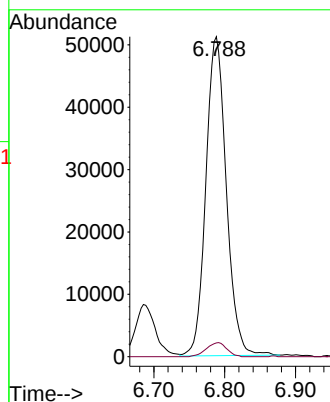
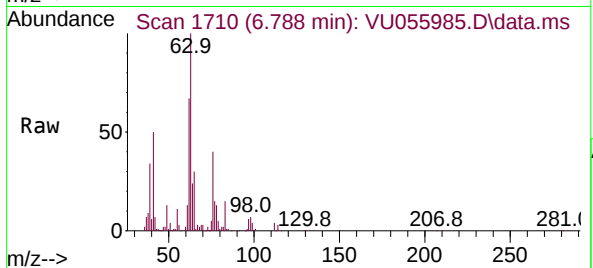




#37
1,2-Dichloropropane
Concen: 5.018 ug/L
RT: 6.788 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

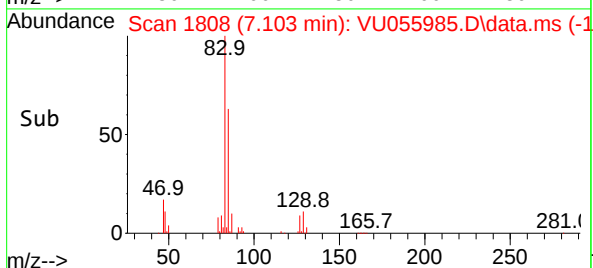
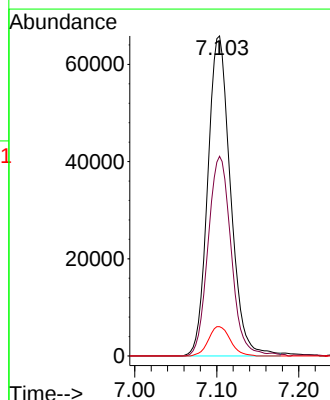
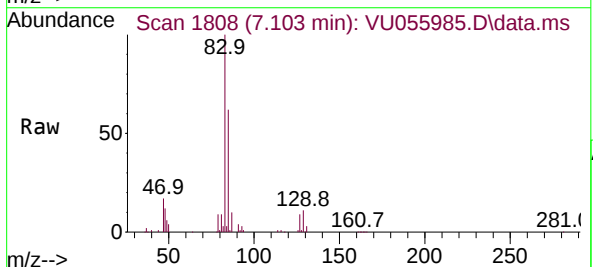
Instrument :
MSVOA_U
ClientSampleId :

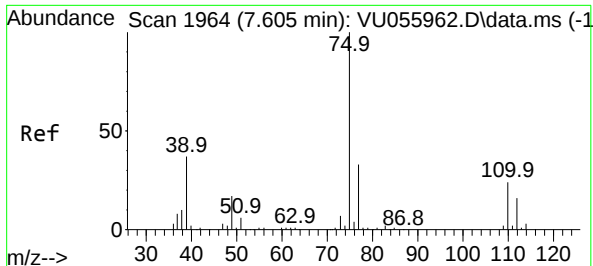
Tgt Ion: 63 Resp: 102565
Ion Ratio Lower Upper
63 100
112 4.4 3.1 4.7



#38
Bromodichloromethane
Concen: 4.945 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

Tgt Ion: 83 Resp: 126899
Ion Ratio Lower Upper
83 100
85 62.4 44.9 83.3
127 9.1 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.789 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU055985.D

Acq: 28 Oct 2023 19:43

Instrument :

MSVOA_U

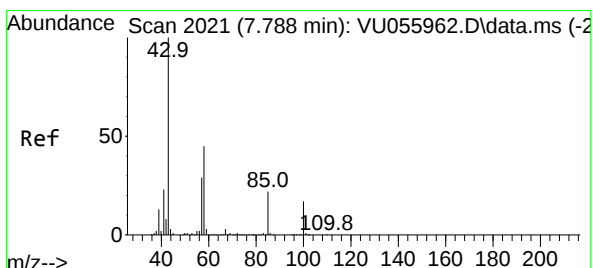
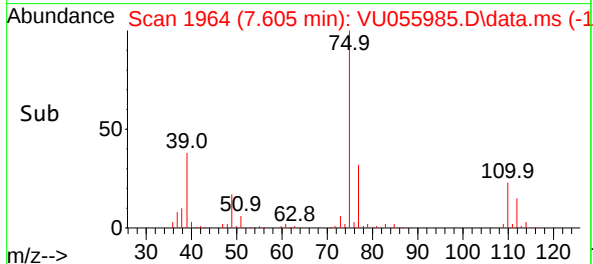
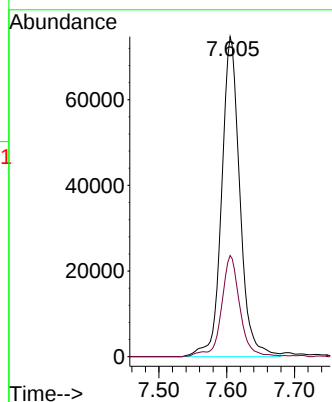
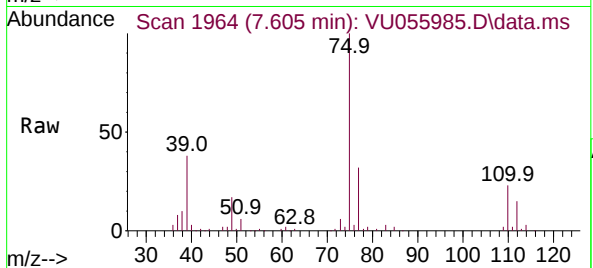
ClientSampleId :

Tgt Ion: 75 Resp: 139445

Ion Ratio Lower Upper

75 100

77 31.6 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 46.740 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU055985.D

Acq: 28 Oct 2023 19:43

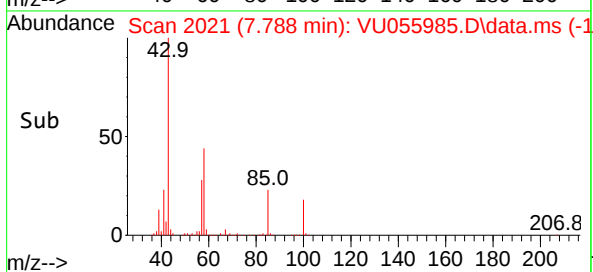
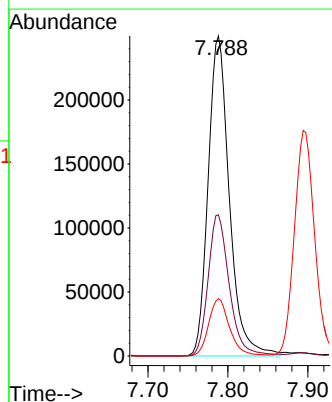
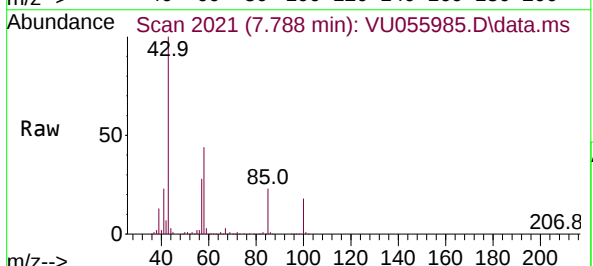
Tgt Ion: 43 Resp: 460547

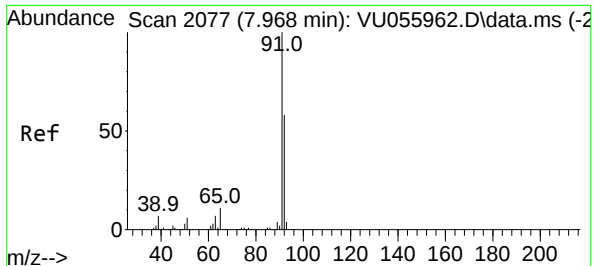
Ion Ratio Lower Upper

43 100

58 44.3 34.0 51.0

100 17.7 13.0 19.6





#42

Toluene

Concen: 5.141 ug/L

RT: 7.965 min Scan# 2077

Delta R.T. -0.003 min

Lab File: VU055985.D

Acq: 28 Oct 2023 19:43

Instrument :

MSVOA_U

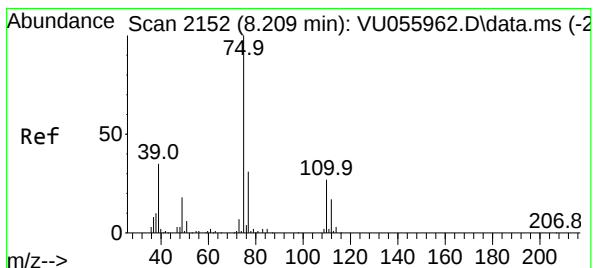
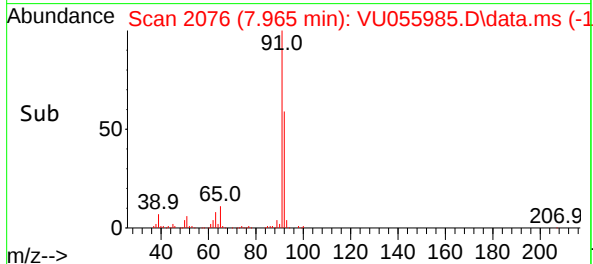
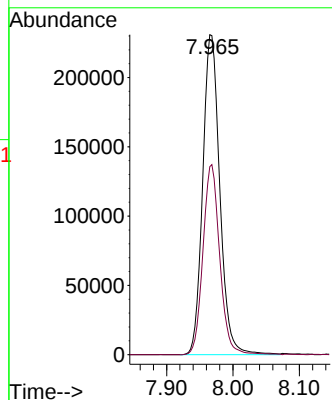
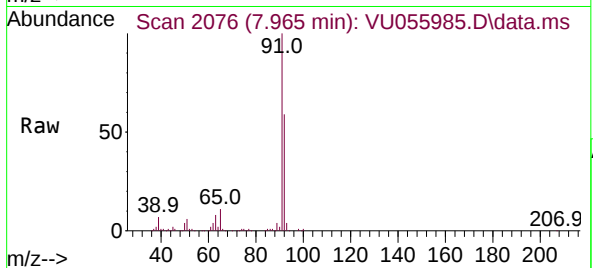
ClientSampleId :

Tgt Ion: 91 Resp: 413615

Ion Ratio Lower Upper

91 100

92 58.8 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 4.747 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. -0.000 min

Lab File: VU055985.D

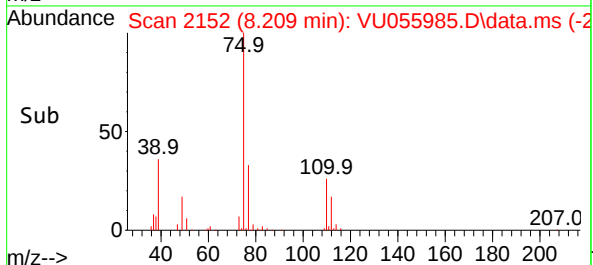
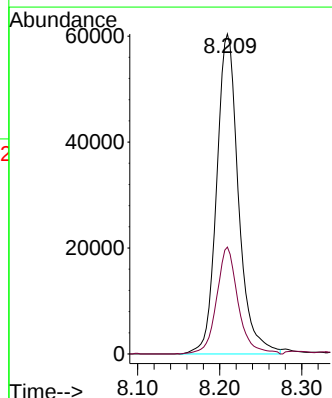
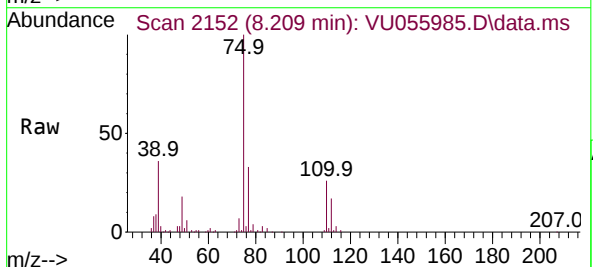
Acq: 28 Oct 2023 19:43

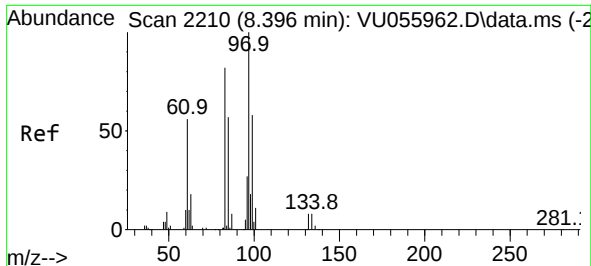
Tgt Ion: 75 Resp: 111580

Ion Ratio Lower Upper

75 100

77 33.4 21.7 40.3

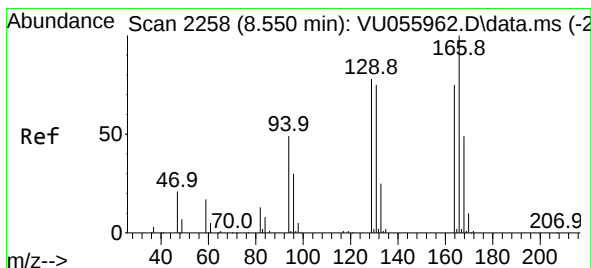
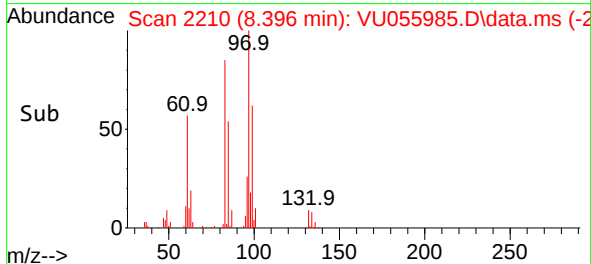
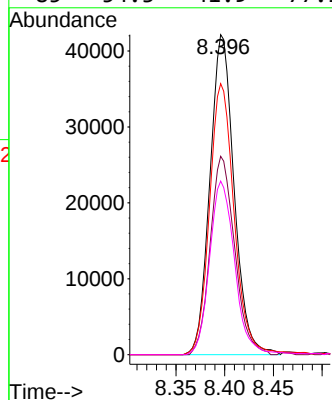
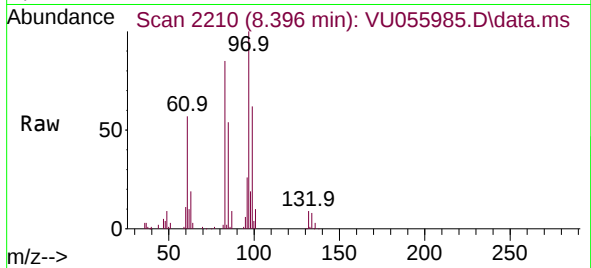




#45
1,1,2-Trichloroethane
Concen: 5.063 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

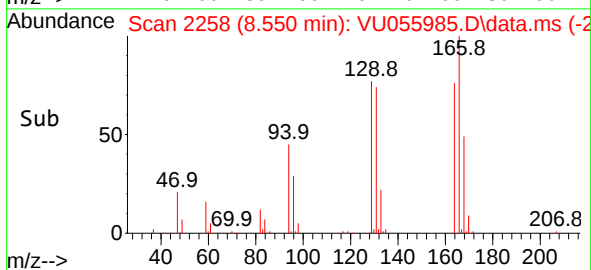
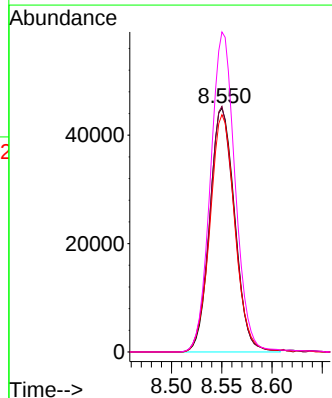
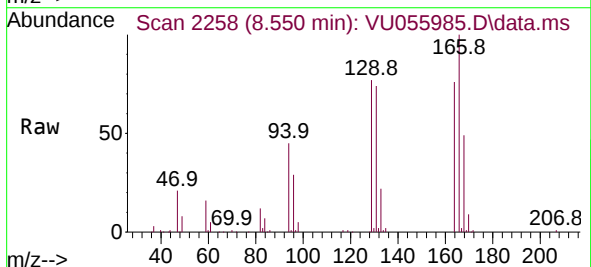
Instrument :
MSVOA_U
ClientSampleId :

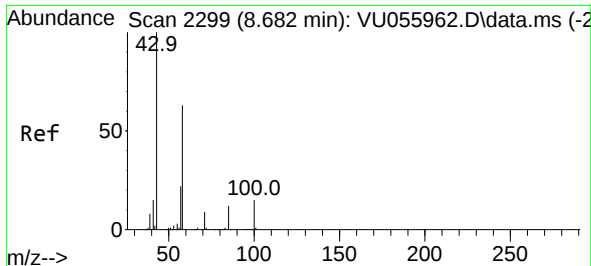
Tgt Ion:	97	Resp:	72759
Ion	Ratio	Lower	Upper
97	100		
99	62.0	45.3	84.1
83	84.7	61.9	115.1
85	54.3	41.9	77.9



#47
Tetrachloroethene
Concen: 5.146 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

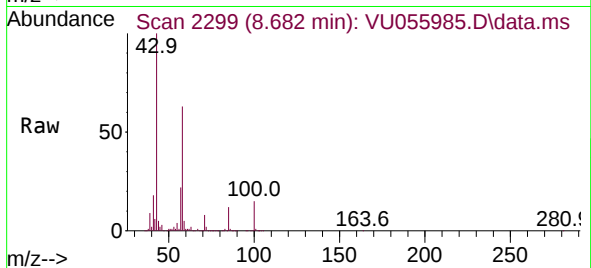
Tgt Ion:	164	Resp:	77610
Ion	Ratio	Lower	Upper
164	100		
129	100.8	72.2	134.0
131	97.3	70.8	131.6
166	131.3	89.0	165.2





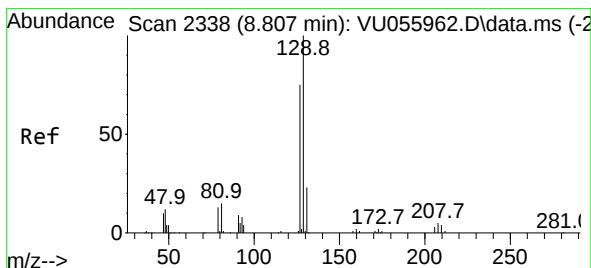
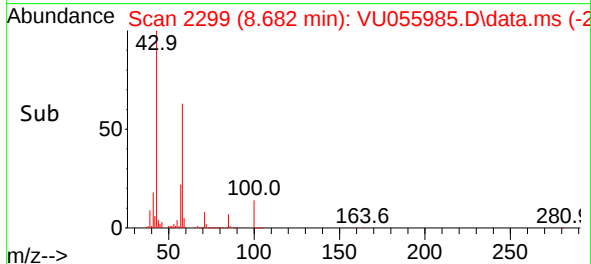
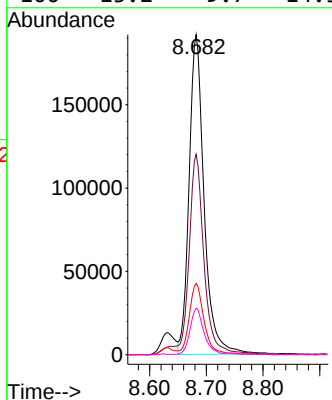
#48
2-Hexanone
Concen: 45.519 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 352654

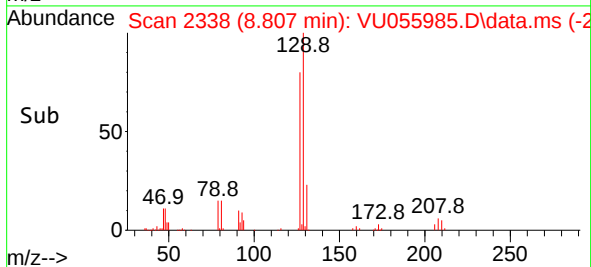
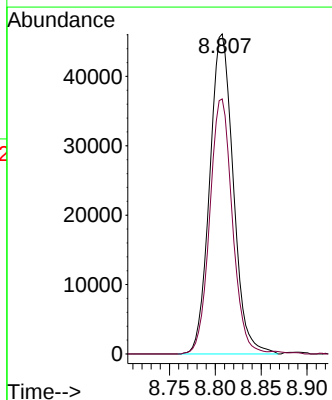
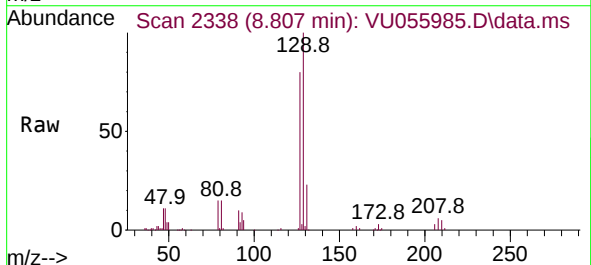
Ion	Ratio	Lower	Upper
43	100		
58	61.5	49.5	74.3
57	22.1	16.9	25.3
100	13.2	9.7	14.5

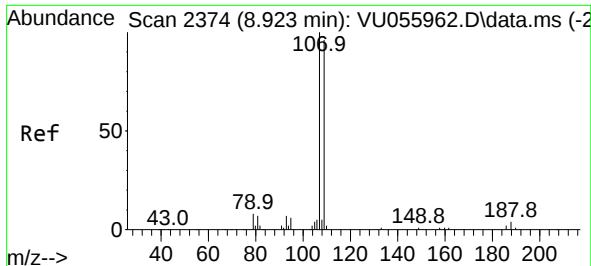


#49
Dibromochloromethane
Concen: 5.228 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

Tgt Ion: 129 Resp: 82476

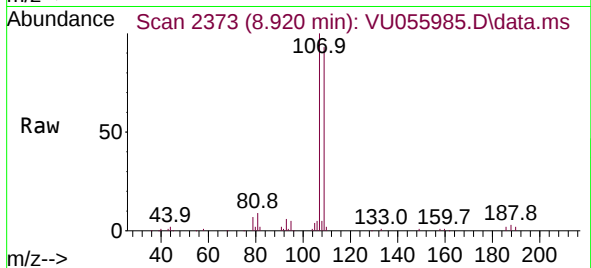
Ion	Ratio	Lower	Upper
129	100		
127	79.7	53.5	99.5



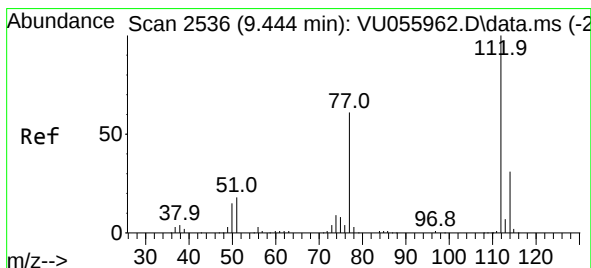
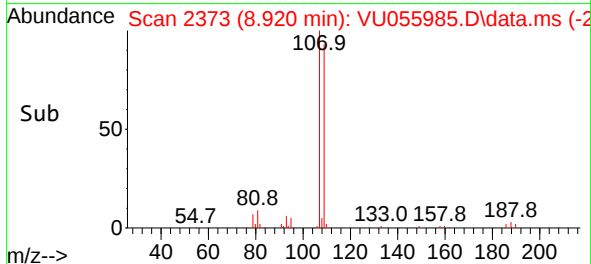
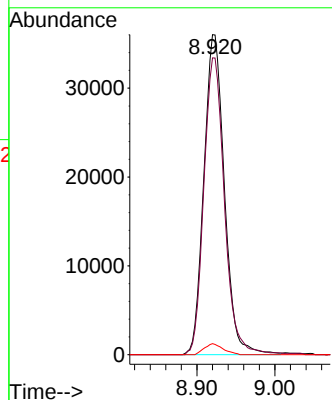


#50
1,2-Dibromoethane
Concen: 5.061 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

Instrument :
MSVOA_U
ClientSampleId :

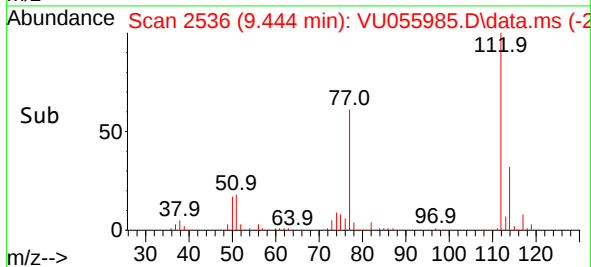
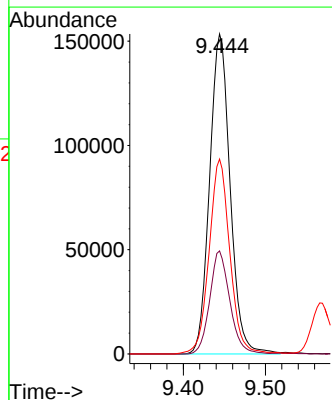
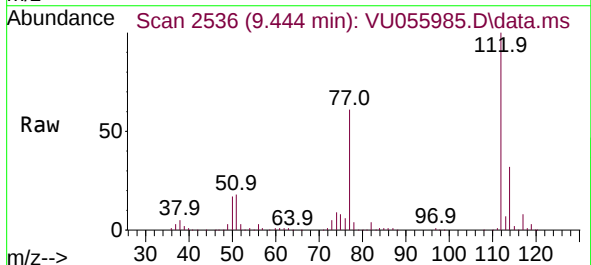


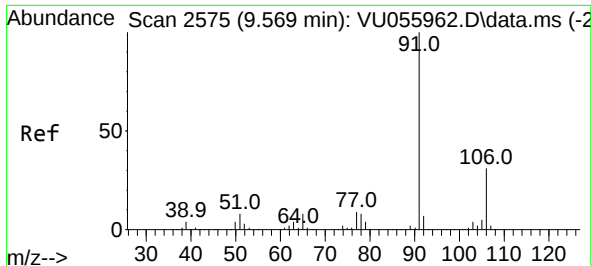
Tgt Ion:107 Resp: 66000
Ion Ratio Lower Upper
107 100
109 92.8 65.0 120.6
188 3.5 2.5 3.7



#51
Chlorobenzene
Concen: 5.050 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

Tgt Ion:112 Resp: 266274
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.5
77 60.9 49.9 74.9

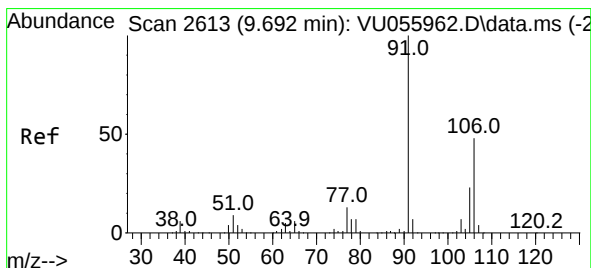
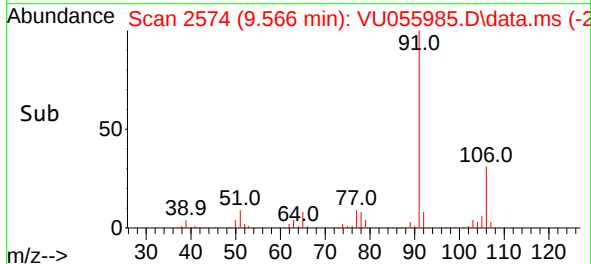
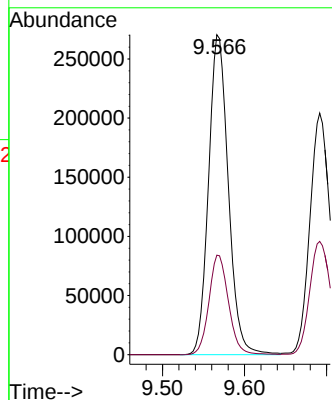
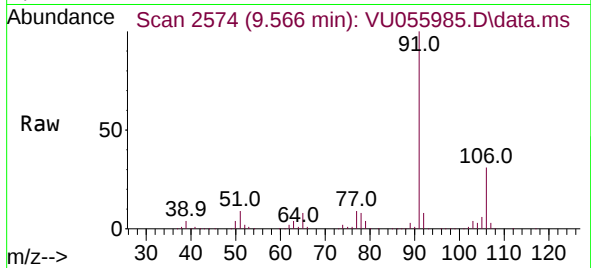




#52
Ethylbenzene
Concen: 4.963 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

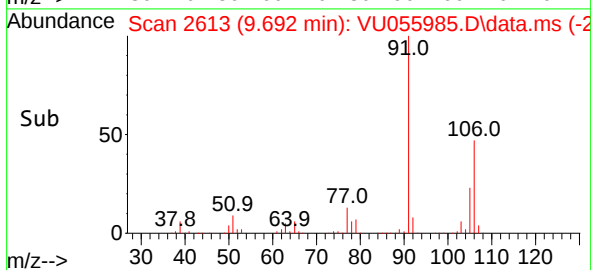
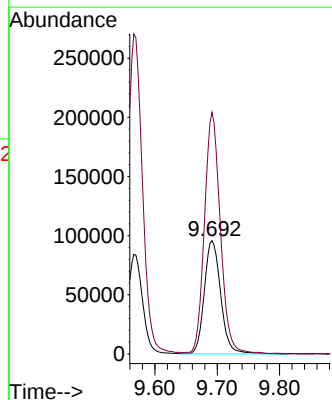
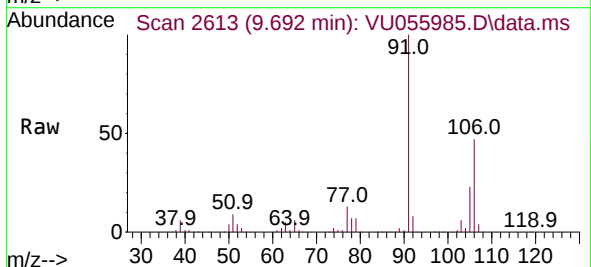
Instrument :
MSVOA_U
ClientSampleId :

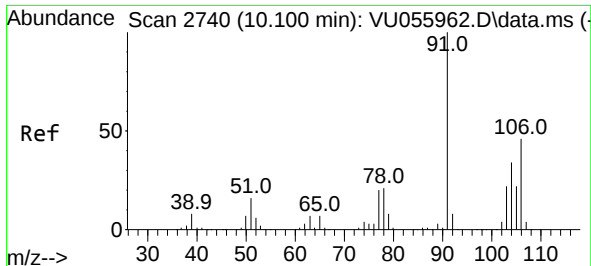
Tgt Ion: 91 Resp: 452595
Ion Ratio Lower Upper
91 100
106 31.1 21.3 39.5



#53
m,p-Xylene
Concen: 5.161 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

Tgt Ion: 106 Resp: 175898
Ion Ratio Lower Upper
106 100
91 213.3 150.4 279.2

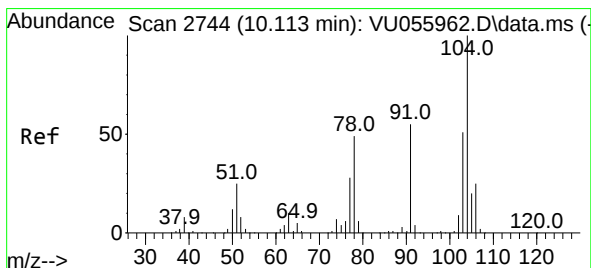
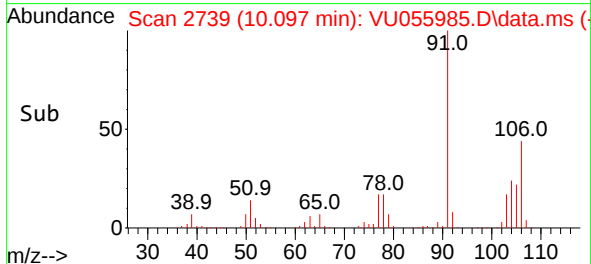
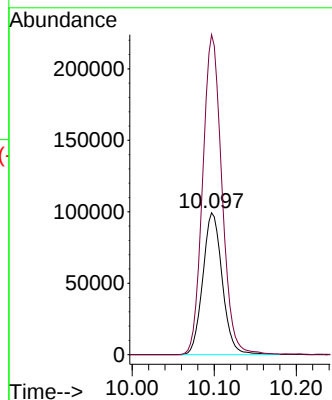
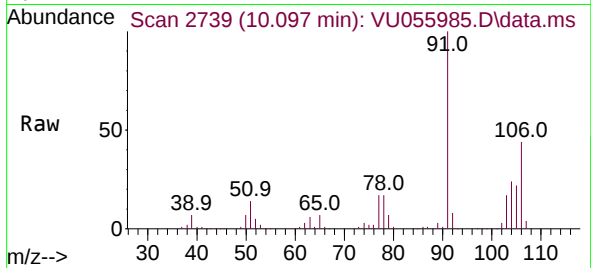




#54
o-Xylene
Concen: 4.916 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

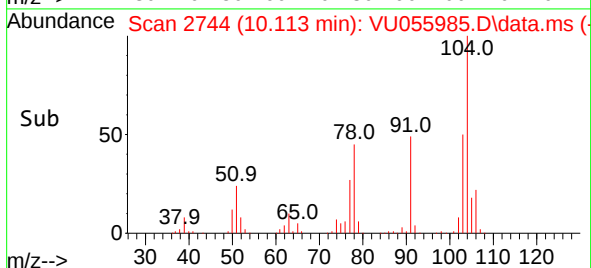
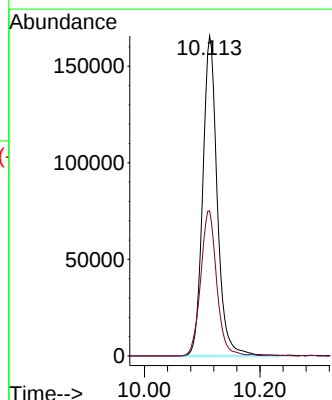
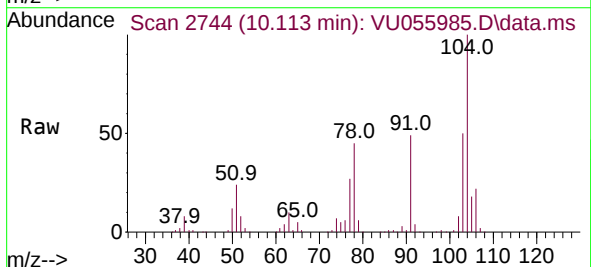
Instrument :
MSVOA_U
ClientSampleId :

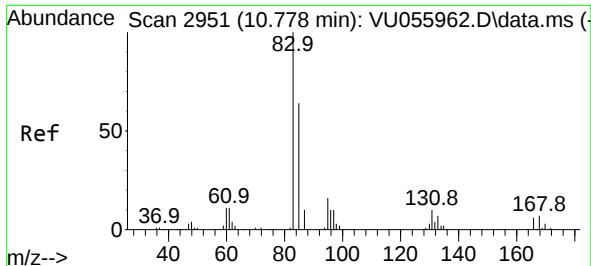
Tgt Ion:106 Resp: 163961
Ion Ratio Lower Upper
106 100
91 225.5 154.6 287.2



#55
Styrene
Concen: 5.409 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

Tgt Ion:104 Resp: 289190
Ion Ratio Lower Upper
104 100
78 45.3 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.030 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU055985.D

Acq: 28 Oct 2023 19:43

Instrument :

MSVOA_U

ClientSampleId :

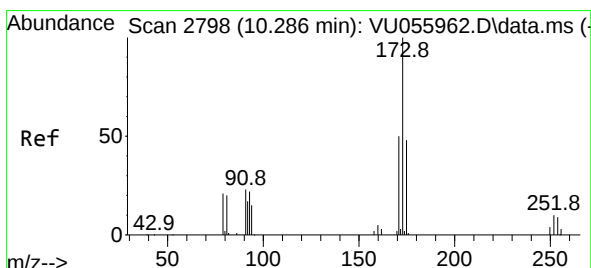
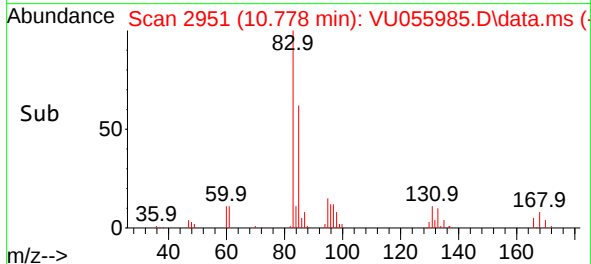
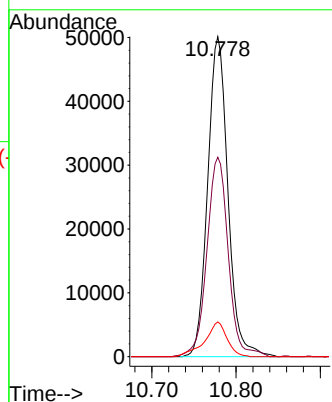
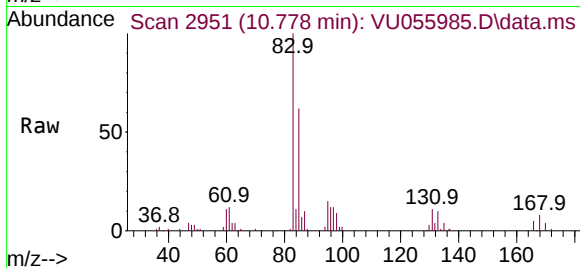
Tgt Ion: 83 Resp: 83691

Ion Ratio Lower Upper

83 100

85 62.3 46.2 85.8

131 10.8 7.2 10.8#



#59

Bromoform

Concen: 5.009 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU055985.D

Acq: 28 Oct 2023 19:43

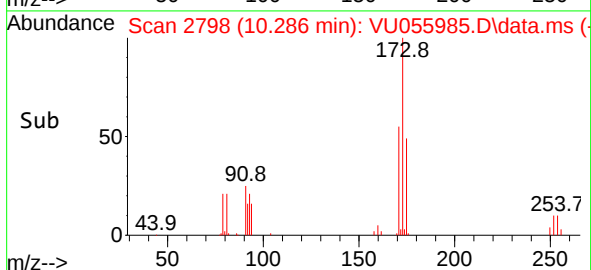
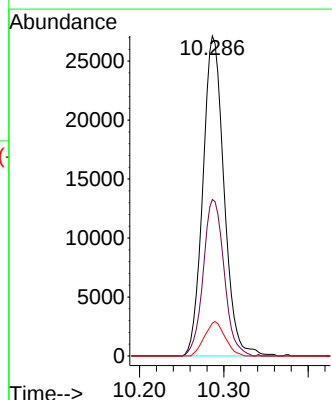
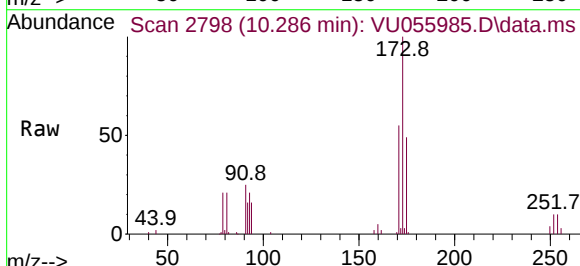
Tgt Ion:173 Resp: 47352

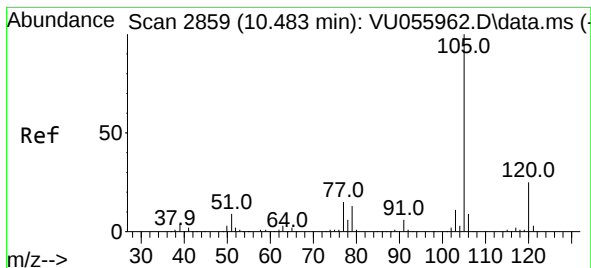
Ion Ratio Lower Upper

173 100

175 48.4 37.8 56.6

254 10.4 7.4 11.0





#60

Isopropylbenzene

Concen: 4.981 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. -0.000 min

Lab File: VU055985.D

Acq: 28 Oct 2023 19:43

Instrument :

MSVOA_U

ClientSampleId :

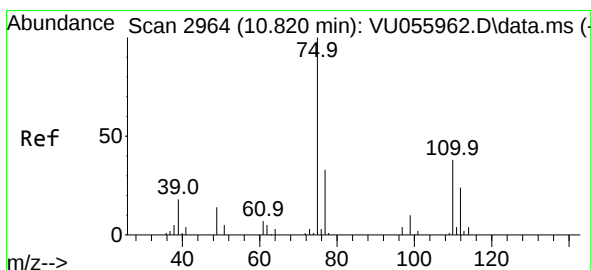
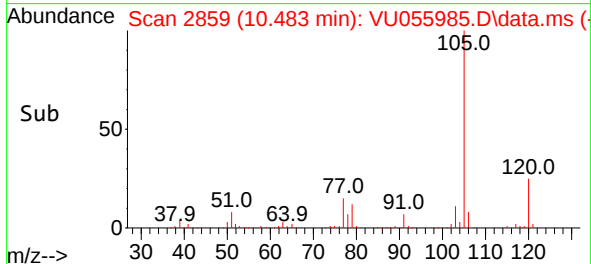
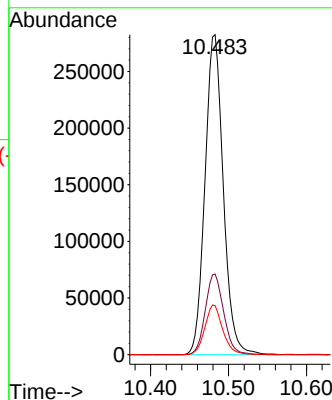
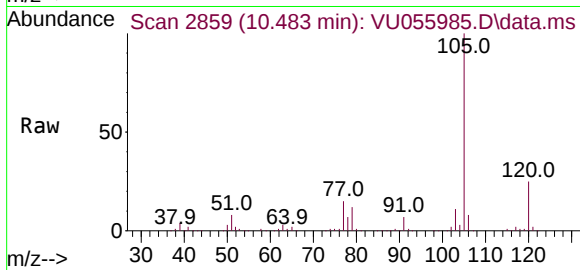
Tgt Ion:105 Resp: 461192

Ion Ratio Lower Upper

105 100

120 25.3 20.2 30.4

77 15.2 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 4.493 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. -0.000 min

Lab File: VU055985.D

Acq: 28 Oct 2023 19:43

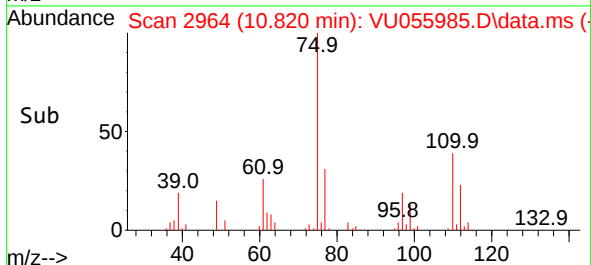
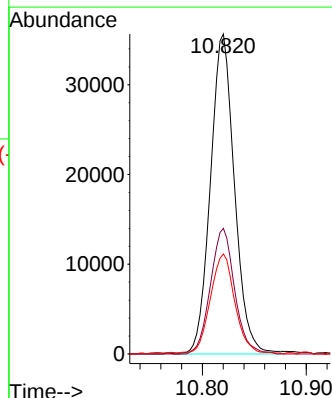
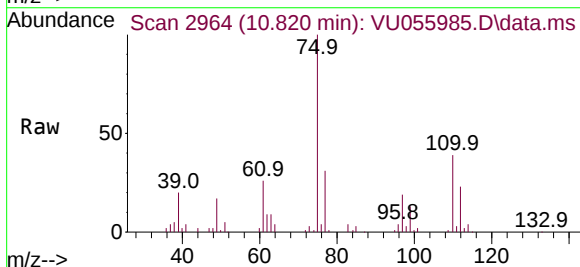
Tgt Ion: 75 Resp: 57315

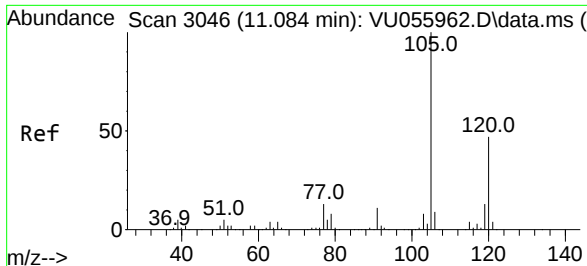
Ion Ratio Lower Upper

75 100

110 39.4 29.0 43.6

77 32.1 24.5 36.7

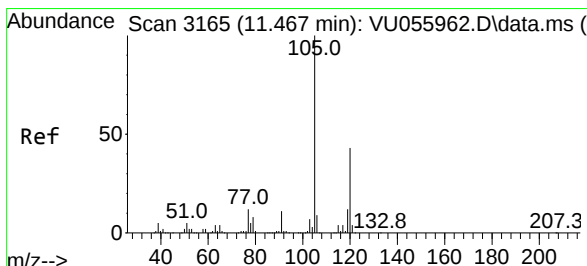
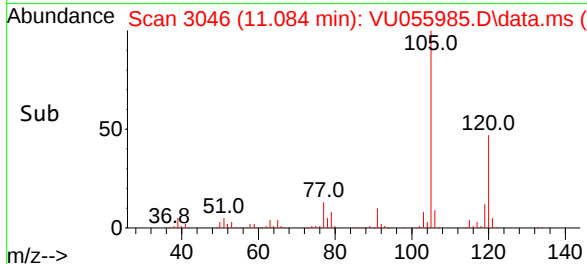
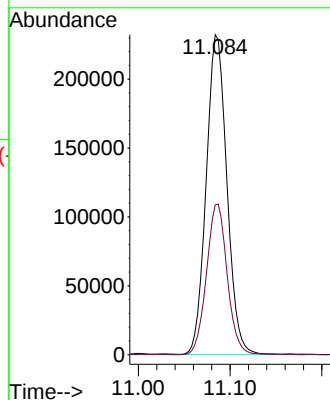
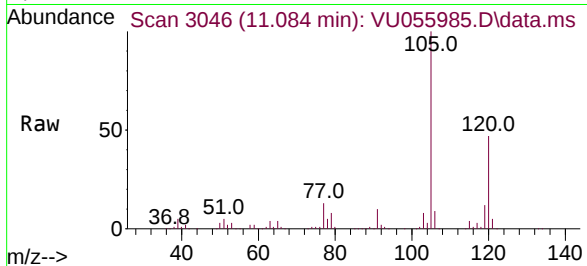




#62
 1,3,5-Trimethylbenzene
 Concen: 4.808 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU055985.D
 Acq: 28 Oct 2023 19:43

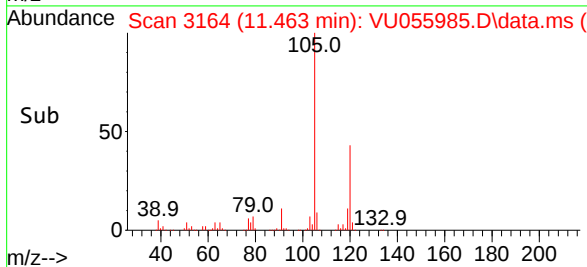
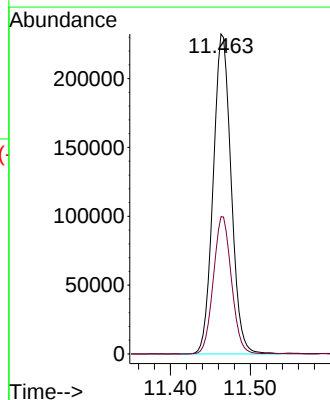
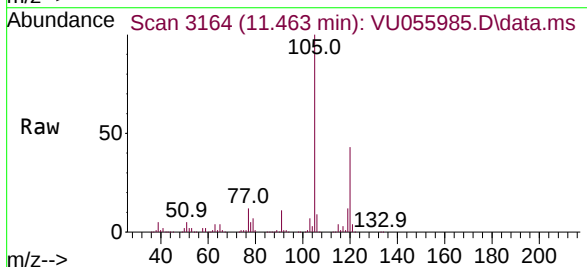
Instrument :
 MSVOA_U
 ClientSampleId :

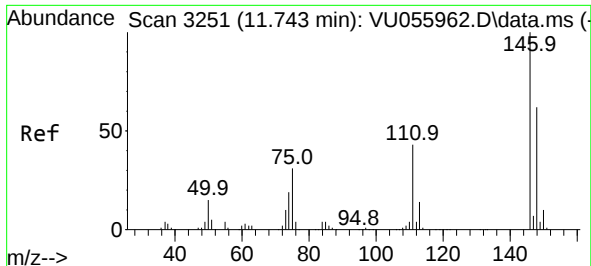
Tgt Ion:105 Resp: 363852
 Ion Ratio Lower Upper
 105 100
 120 47.2 37.4 56.2



#63
 1,2,4-Trimethylbenzene
 Concen: 5.150 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. -0.003 min
 Lab File: VU055985.D
 Acq: 28 Oct 2023 19:43

Tgt Ion:105 Resp: 362023
 Ion Ratio Lower Upper
 105 100
 120 43.3 34.6 52.0

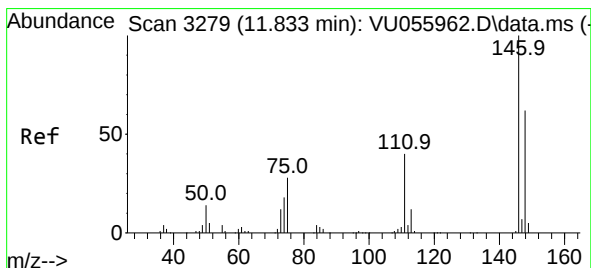
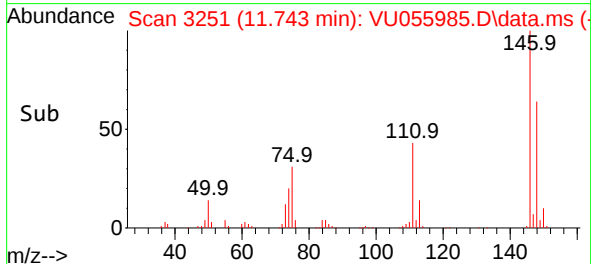
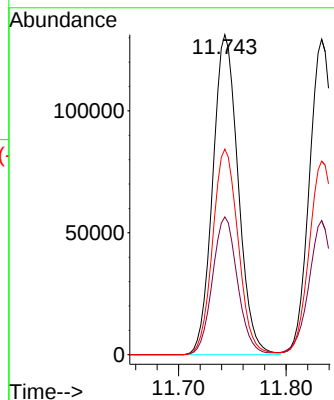
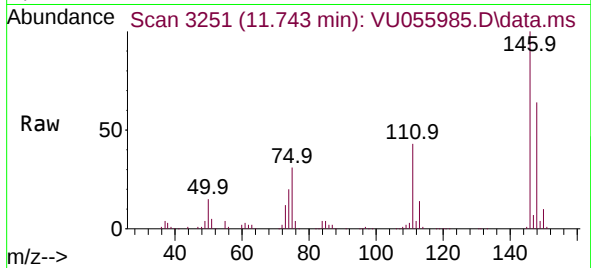




#64
1,3-Dichlorobenzene
Concen: 4.913 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

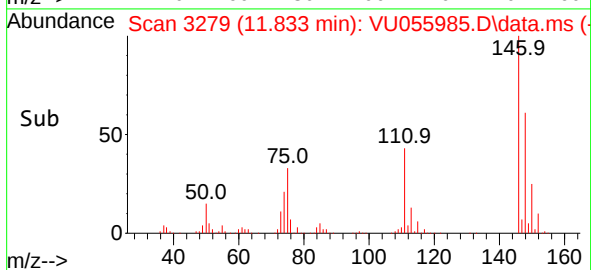
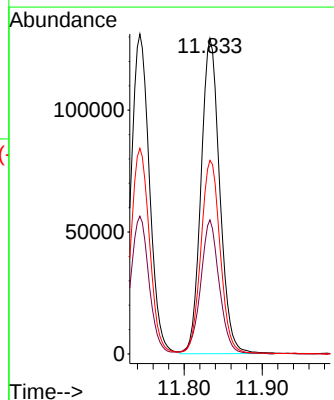
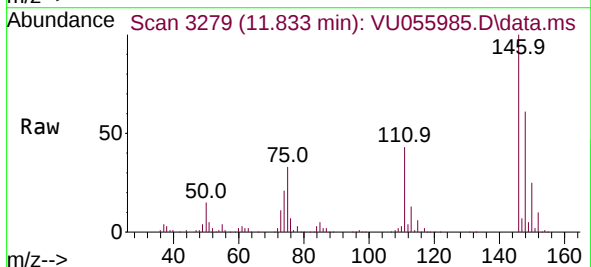
Instrument :
MSVOA_U
ClientSampleId :

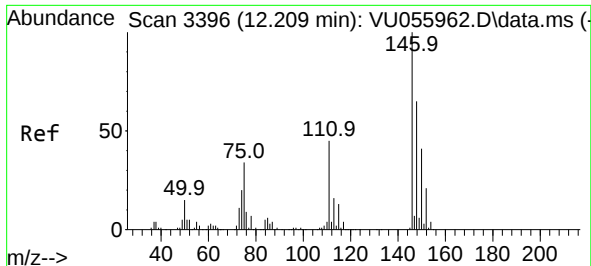
Tgt Ion:146 Resp: 215659
Ion Ratio Lower Upper
146 100
111 43.0 31.1 57.9
148 64.3 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 4.919 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

Tgt Ion:146 Resp: 215488
Ion Ratio Lower Upper
146 100
111 42.5 29.3 54.3
148 61.4 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 4.972 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

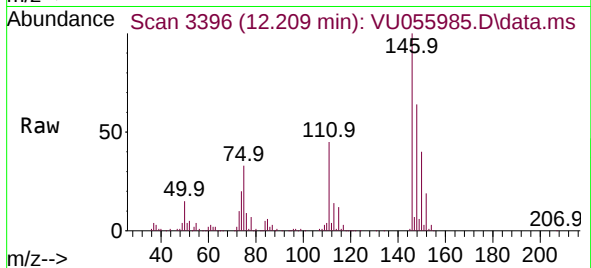
Lab File: VU055985.D

Acq: 28 Oct 2023 19:43

Instrument :

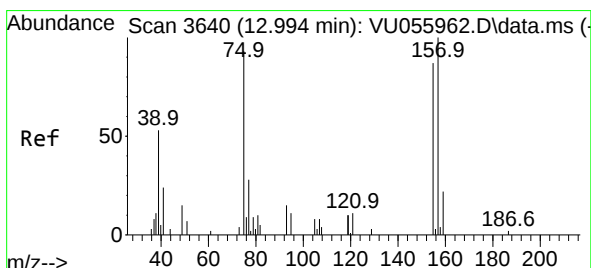
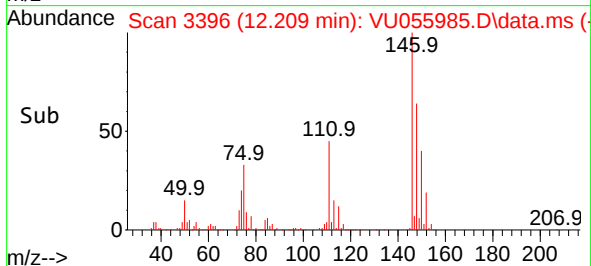
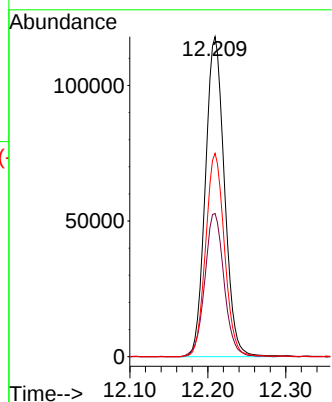
MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 200385

Ion	Ratio	Lower	Upper
146	100		
111	44.8	36.7	55.1
148	63.5	51.0	76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.600 ug/L

RT: 12.994 min Scan# 3640

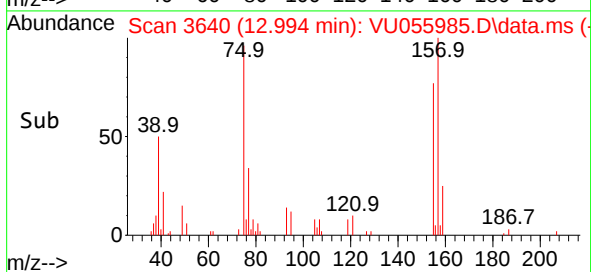
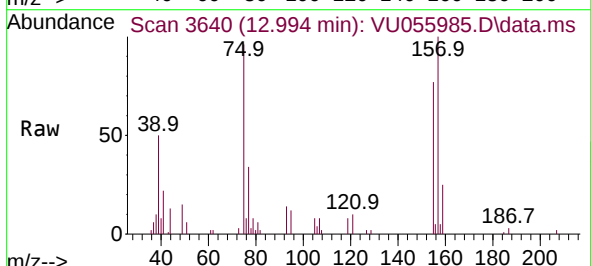
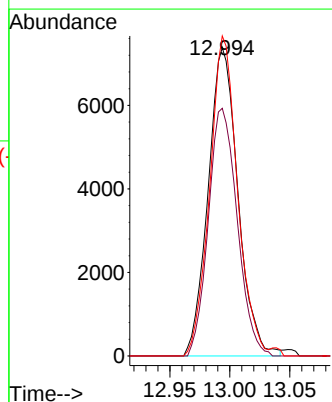
Delta R.T. -0.000 min

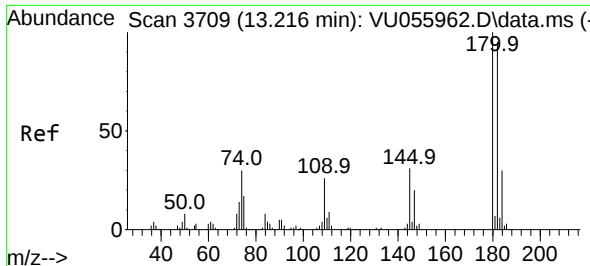
Lab File: VU055985.D

Acq: 28 Oct 2023 19:43

Tgt Ion: 75 Resp: 12748

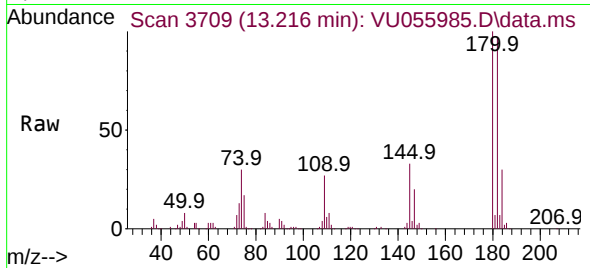
Ion	Ratio	Lower	Upper
75	100		
155	80.3	65.3	97.9
157	103.8	87.9	131.9



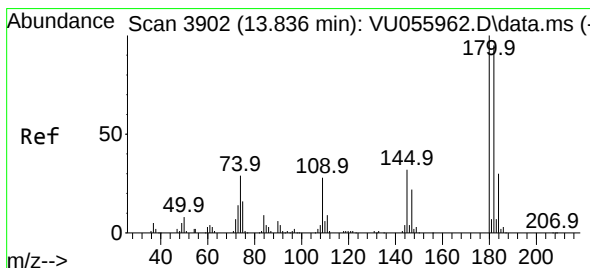
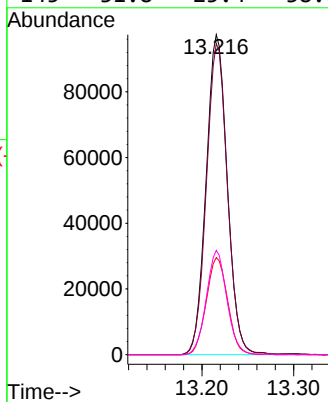
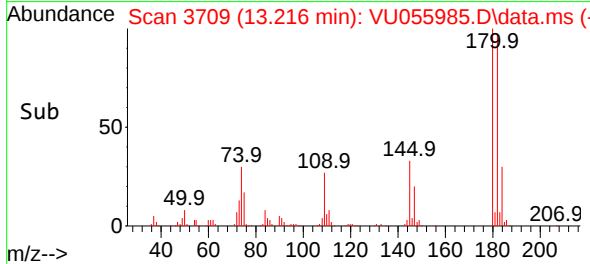


#69
 1,3,5-Trichlorobenzene
 Concen: 5.205 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. -0.000 min
 Lab File: VU055985.D
 Acq: 28 Oct 2023 19:43

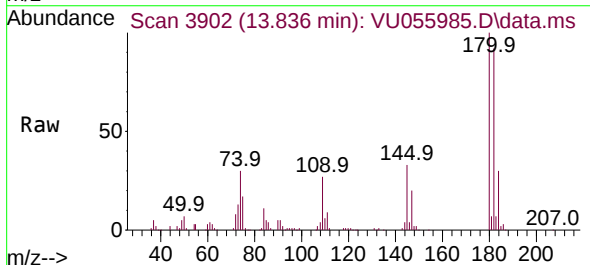
Instrument :
 MSVOA_U
 ClientSampleId :



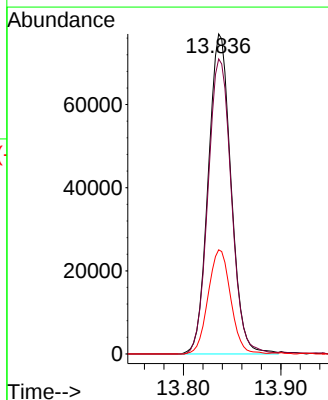
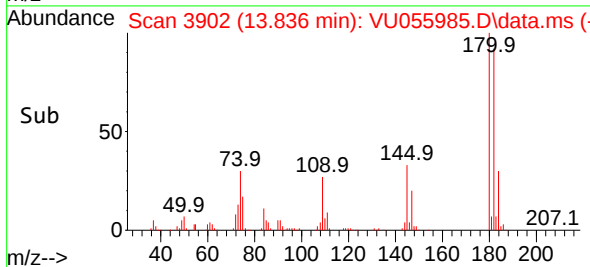
Tgt Ion:180 Resp: 156112
 Ion Ratio Lower Upper
 180 100
 182 96.7 74.7 112.1
 184 30.6 23.8 35.8
 145 31.8 25.4 38.0

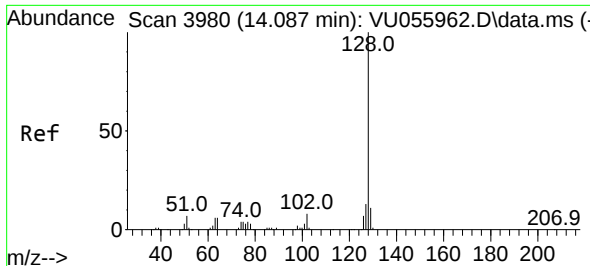


#70
 1,2,4-trichlorobenzene
 Concen: 5.644 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU055985.D
 Acq: 28 Oct 2023 19:43



Tgt Ion:180 Resp: 125125
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.1 114.1
 145 32.2 26.4 39.6

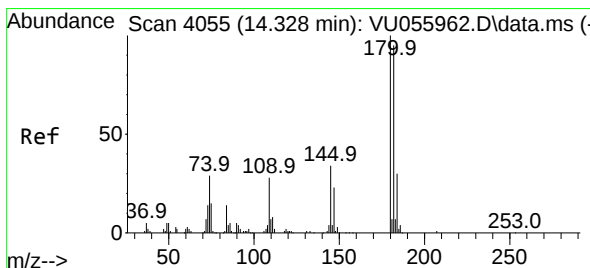
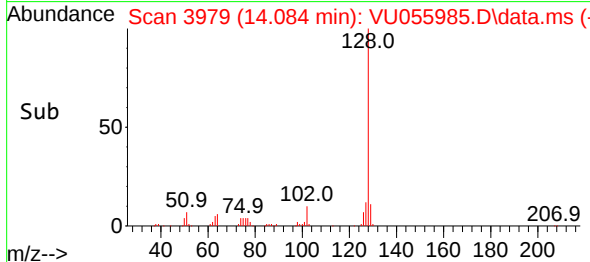
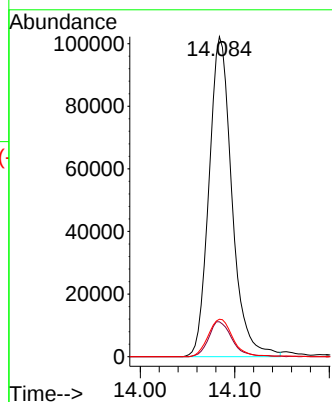
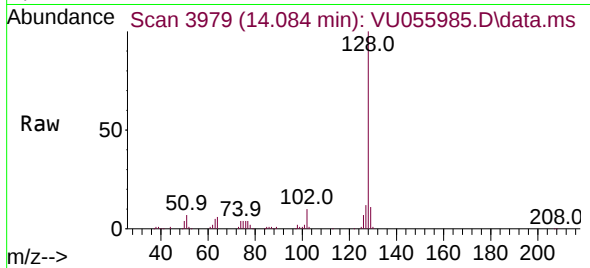




#71
Naphthalene
Concen: 5.374 ug/L
RT: 14.084 min Scan# 3980
Delta R.T. -0.003 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 172541
Ion Ratio Lower Upper
128 100
129 11.2 8.3 12.5
127 12.5 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.587 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VU055985.D
Acq: 28 Oct 2023 19:43

Tgt Ion:180 Resp: 106789
Ion Ratio Lower Upper
180 100
182 94.4 74.6 112.0
145 34.6 27.4 41.2

