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 Data File : VU057313.D
 Acq On : 28 Dec 2023 05:33
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 05:47:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 00:43:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	265439	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	260658	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	128354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	116301	5.097	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.911	69	95870	5.231	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.560	65	45930	5.057	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.200%
20) 2-Butanone-d5	4.637	46	288306	55.783	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.560%
24) Chloroform-d	5.055	84	207293	5.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.695	65	108451	5.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.721	84	385614	5.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.685	67	124320	5.339	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.891	98	340221	5.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
43) trans-1,3-Dichloroprop...	8.174	79	48908	5.235	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.800%
46) 2-Hexanone-d5	8.631	63	244622	57.813	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.620%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	108088	5.528	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	119591	5.117	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	88426	4.590	ug/L	98
3) Chloromethane	1.515	50	101684	4.759	ug/L	99
5) Vinyl chloride	1.599	62	108411	4.893	ug/L	99
6) Bromomethane	1.853	94	48759	4.666	ug/L	100
8) Chloroethane	1.930	64	71893	5.005	ug/L	97
9) Trichlorofluoromethane	2.136	101	156346	4.898	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	93389	4.837	ug/L	99
12) 1,1-Dichloroethene	2.573	96	82954	4.782	ug/L	97
13) Acetone	2.663	43	144310	42.841	ug/L	92
14) Carbon disulfide	2.788	76	233253	4.715	ug/L	99
15) Methyl Acetate	2.959	43	41467	5.406	ug/L	97
16) Methylene chloride	3.039	84	101526	4.534	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	214627	4.901	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	83126	4.828	ug/L	98
19) 1,1-Dichloroethane	3.862	63	175546	4.852	ug/L	98
21) 2-Butanone	4.718	43	237747	49.417	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	95268	4.788	ug/L	98
23) Bromochloromethane	4.968	128	42846	4.816	ug/L	93
25) Chloroform	5.081	83	183517	4.809	ug/L	98

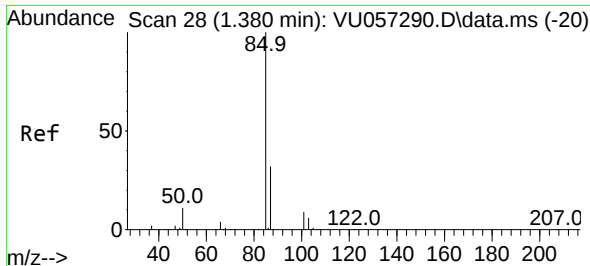
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Quant Time: Dec 28 05:47:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 00:43:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	115723	4.839	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	157945	4.784	ug/L	99
30) Cyclohexane	5.380	56	120079	4.876	ug/L	98
31) Carbon tetrachloride	5.518	117	132686	4.791	ug/L	99
33) Benzene	5.766	78	367122	4.890	ug/L	100
34) Trichloroethene	6.538	95	96207	4.808	ug/L	98
35) Methylcyclohexane	6.756	83	122193	4.675	ug/L	100
37) 1,2-Dichloropropane	6.785	63	102534	4.908	ug/L	98
38) Bromodichloromethane	7.097	83	128170	4.756	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	137911	4.828	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	579767	54.464	ug/L	99
42) Toluene	7.962	91	385527	4.769	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	118961	4.776	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	75774	4.980	ug/L	98
47) Tetrachloroethene	8.547	164	66812	4.725	ug/L	98
48) 2-Hexanone	8.682	43	442957	56.440	ug/L	98
49) Dibromochloromethane	8.804	129	83994	4.847	ug/L	98
50) 1,2-Dibromoethane	8.917	107	68741	5.033	ug/L	99
51) Chlorobenzene	9.441	112	238853	4.860	ug/L	98
52) Ethylbenzene	9.563	91	395913	4.907	ug/L	100
53) m,p-Xylene	9.689	106	149930	4.880	ug/L	98
54) o-Xylene	10.094	106	144081	4.933	ug/L	98
55) Styrene	10.110	104	252291	5.131	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	99075	5.262	ug/L	99
59) Bromoform	10.287	173	50553	5.029	ug/L	96
60) Isopropylbenzene	10.479	105	387758	4.926	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	66098	4.932	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	297631	4.831	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	302960	4.947	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	184520	4.878	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	185277	4.812	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	178108	4.898	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	14606	4.956	ug/L	85
69) 1,3,5-Trichlorobenzene	13.213	180	122752	4.532	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	97275	4.526	ug/L	99
71) Naphthalene	14.084	128	155294	4.622	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	86366	4.610	ug/L	98

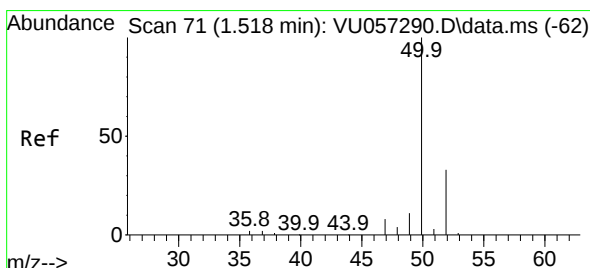
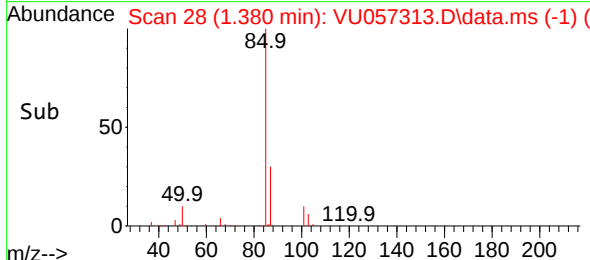
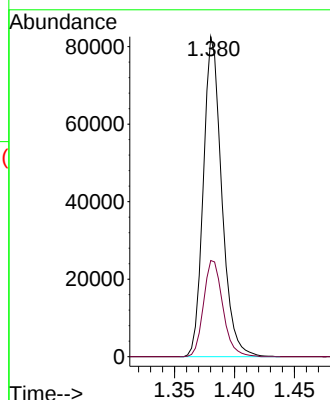
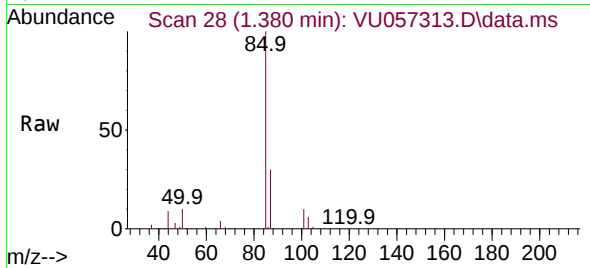
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#2
Dichlorodifluoromethane
Concen: 4.590 ug/L
RT: 1.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

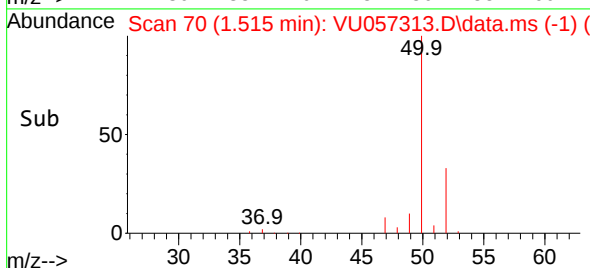
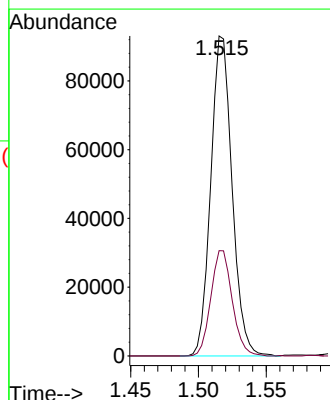
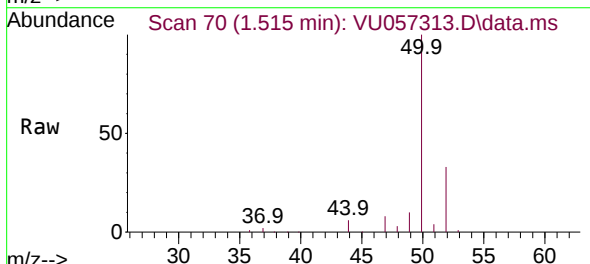
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MSVOA_U
ClientSampleId :

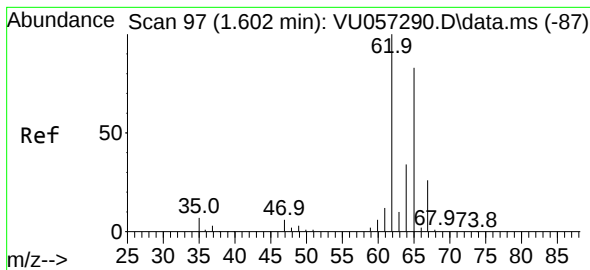
Tgt Ion: 85 Resp: 88426
Ion Ratio Lower Upper
85 100
87 31.4 25.9 38.9



#3
Chloromethane
Concen: 4.759 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

Tgt Ion: 50 Resp: 101684
Ion Ratio Lower Upper
50 100
52 32.9 22.5 41.7

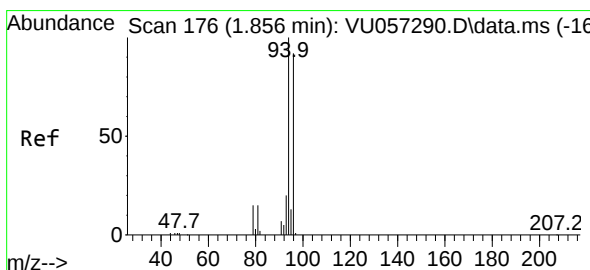
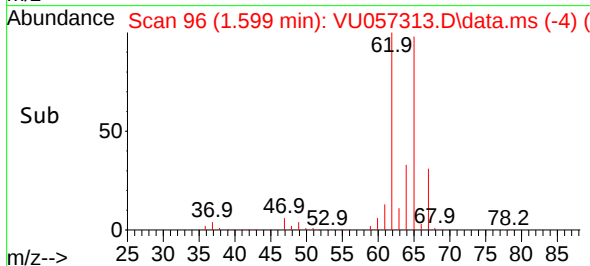
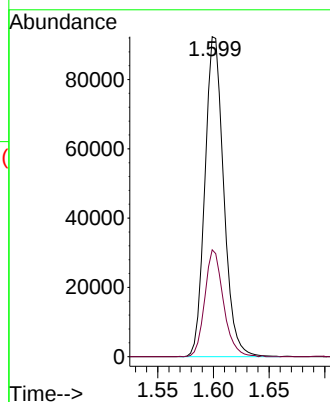
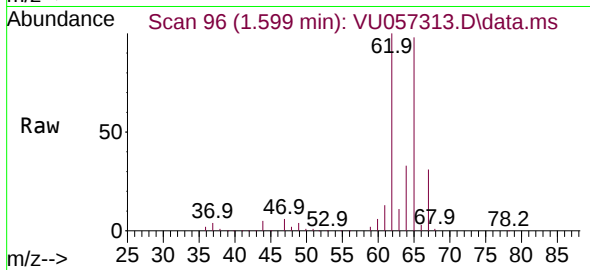




#5
 Vinyl chloride
 Concen: 4.893 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU057313.D
 Acq: 28 Dec 2023 05:33

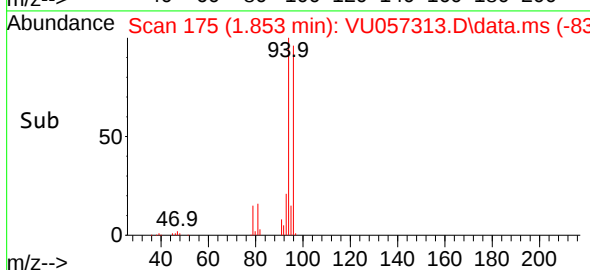
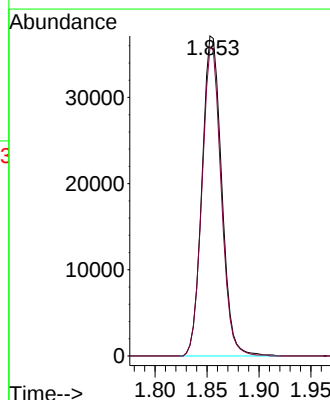
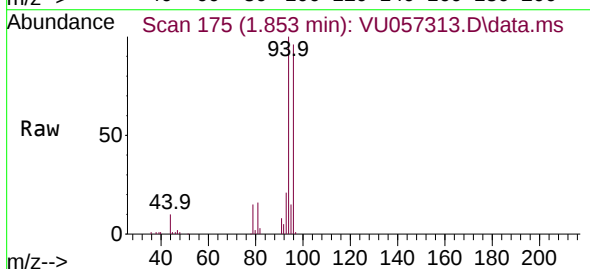
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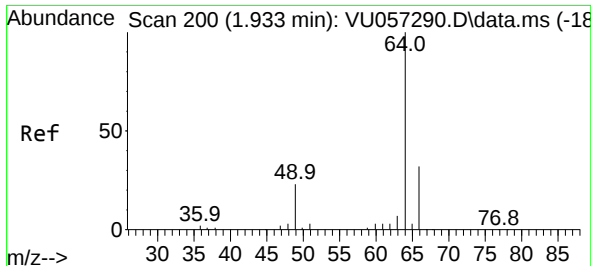
Tgt Ion: 62 Resp: 108411
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.8 42.4



#6
 Bromomethane
 Concen: 4.666 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.003 min
 Lab File: VU057313.D
 Acq: 28 Dec 2023 05:33

Tgt Ion: 94 Resp: 48759
 Ion Ratio Lower Upper
 94 100
 96 96.4 67.3 125.1

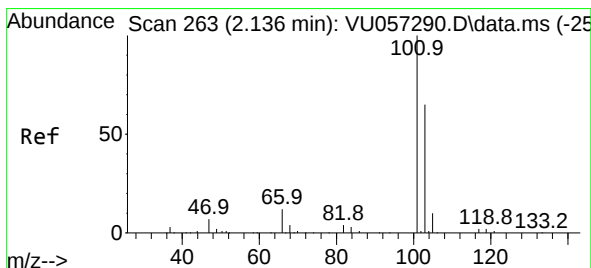
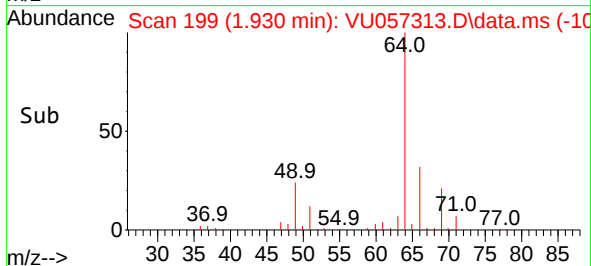
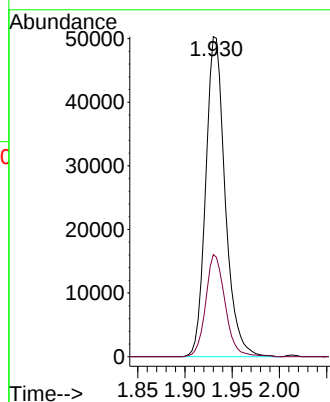
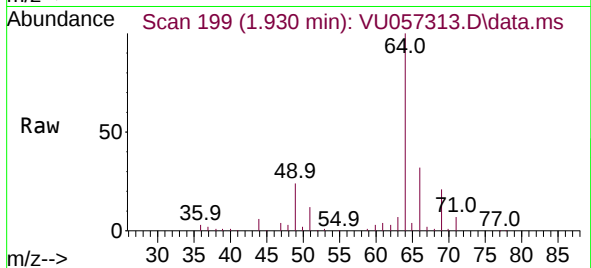




#8
Chloroethane
Concen: 5.005 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

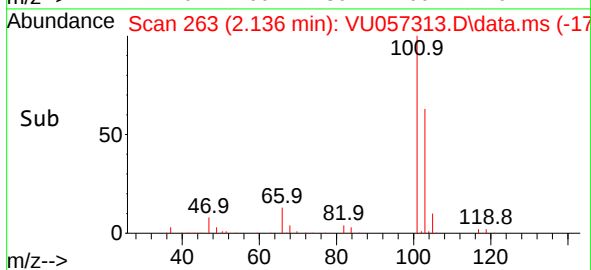
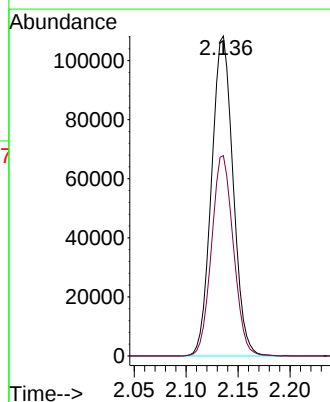
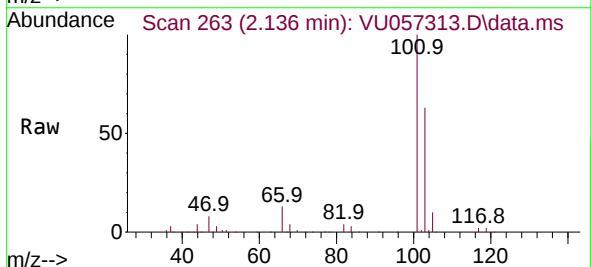
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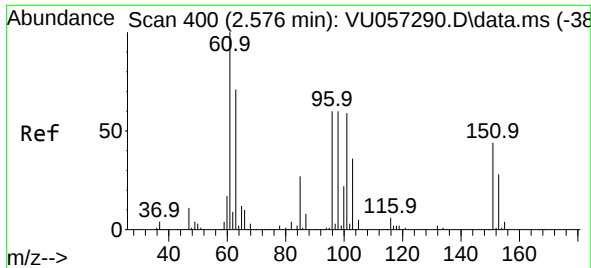
Tgt Ion: 64 Resp: 71893
Ion Ratio Lower Upper
64 100
66 31.9 23.3 43.3



#9
Trichlorofluoromethane
Concen: 4.898 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

Tgt Ion:101 Resp: 156346
Ion Ratio Lower Upper
101 100
103 63.5 52.2 78.2

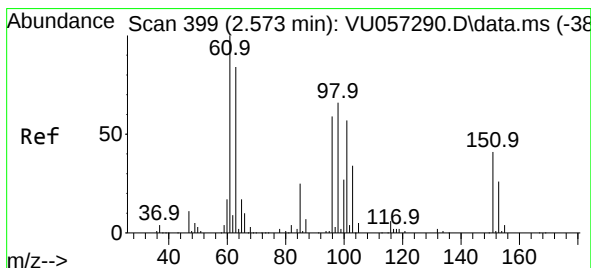
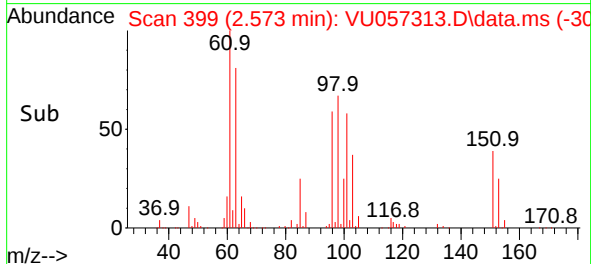
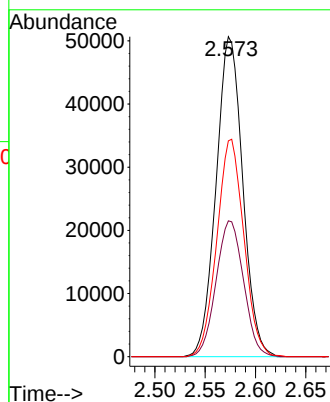
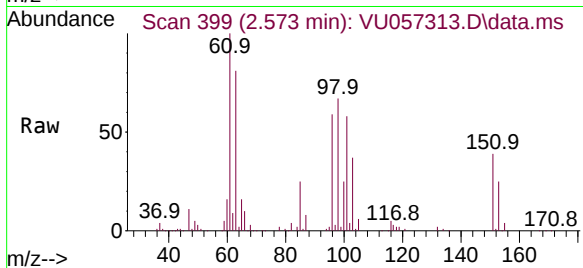




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.837 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU057313.D
 Acq: 28 Dec 2023 05:33

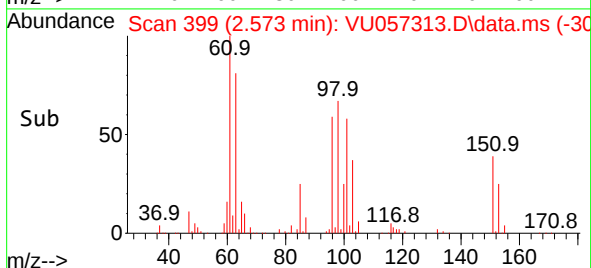
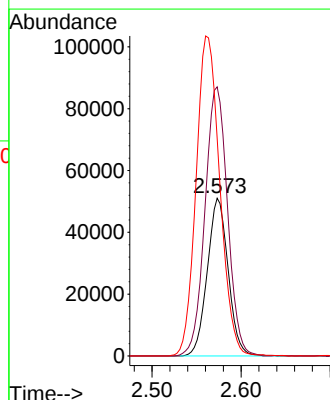
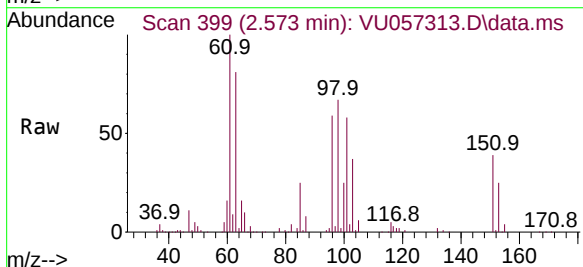
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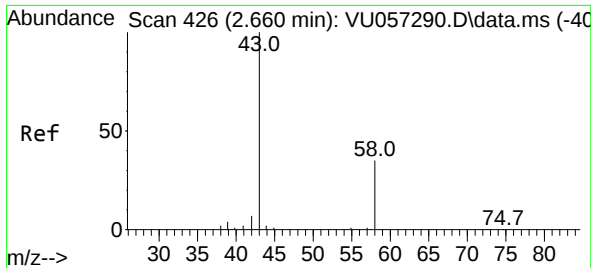
Tgt Ion:101 Resp: 93389
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.1 52.7
 151 69.0 55.8 83.6



#12
 1,1-Dichloroethene
 Concen: 4.782 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU057313.D
 Acq: 28 Dec 2023 05:33

Tgt Ion: 96 Resp: 82954
 Ion Ratio Lower Upper
 96 100
 61 170.6 122.2 226.9
 63 138.1 99.2 184.2





#13

Acetone

Concen: 42.841 ug/L

RT: 2.663 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU057313.D

Acq: 28 Dec 2023 05:33

Instrument :

MSVOA_U

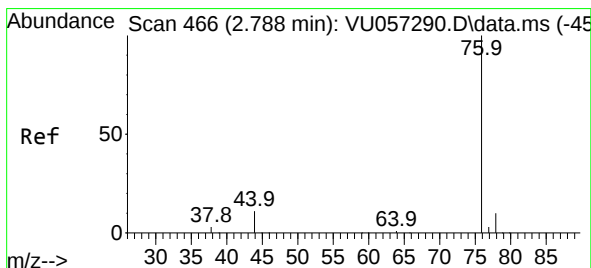
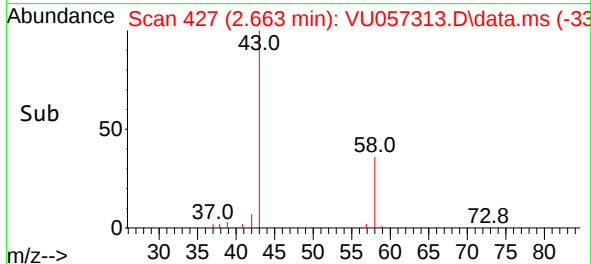
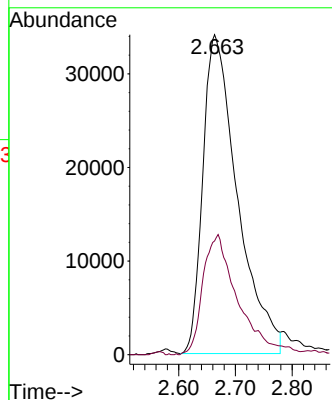
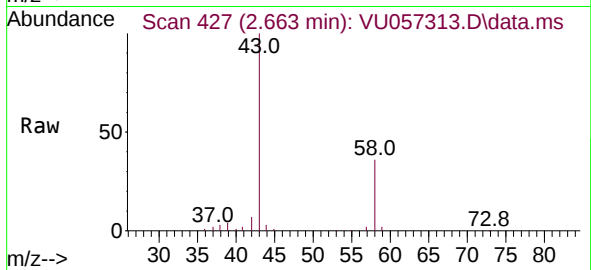
ClientSampleId :

Tgt Ion: 43 Resp: 144310

Ion Ratio Lower Upper

43 100

58 38.1 0.0 67.2



#14

Carbon disulfide

Concen: 4.715 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU057313.D

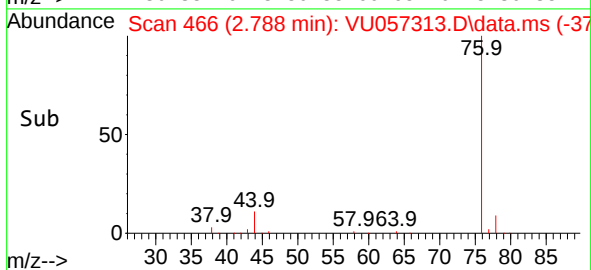
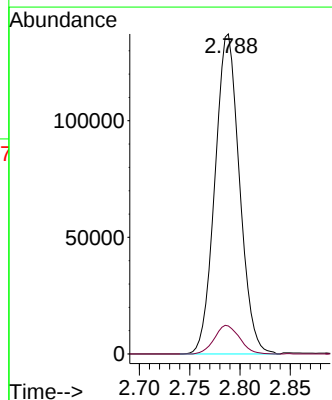
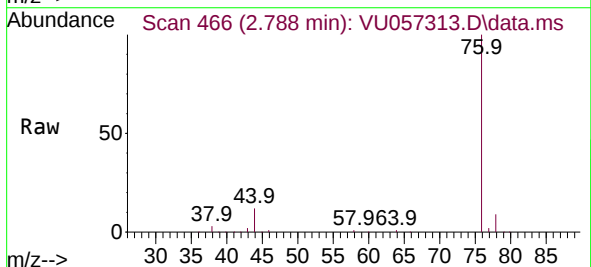
Acq: 28 Dec 2023 05:33

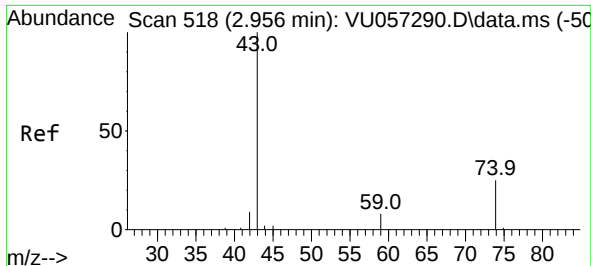
Tgt Ion: 76 Resp: 233253

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

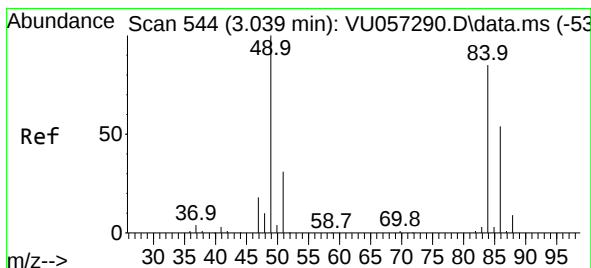
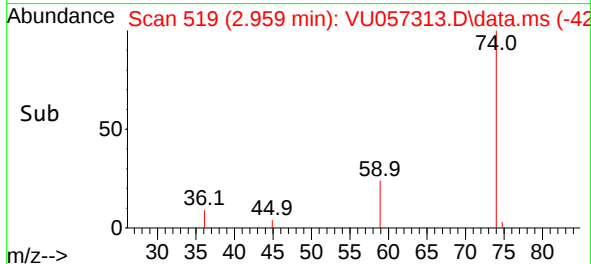
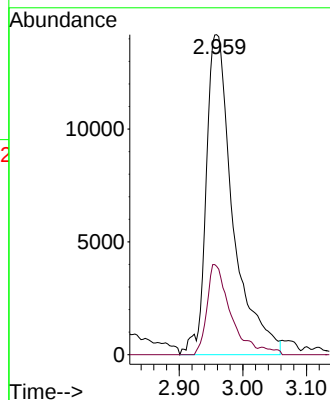
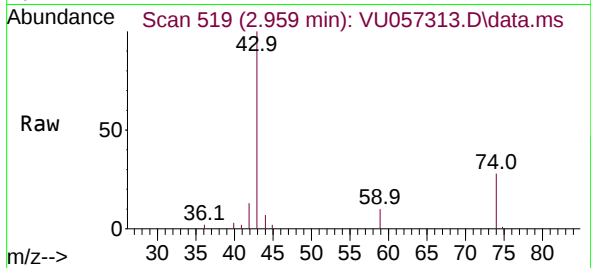




#15
Methyl Acetate
Concen: 5.406 ug/L
RT: 2.959 min Scan# 518
Delta R.T. 0.003 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

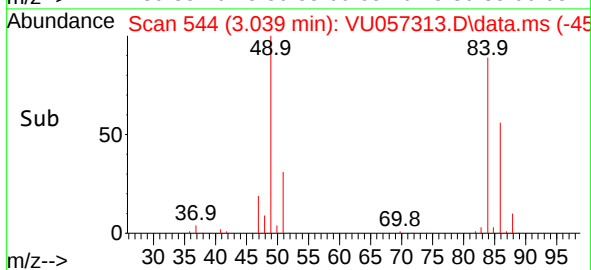
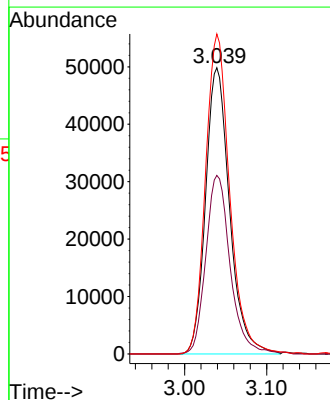
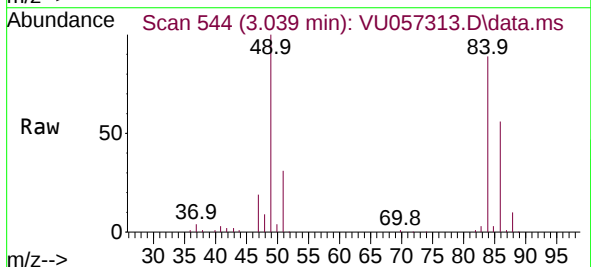
Instrument :
MSVOA_U
ClientSampleId :

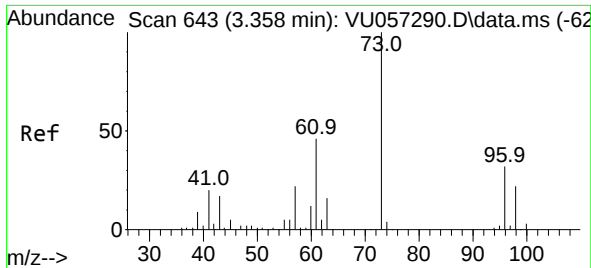
Tgt Ion: 43 Resp: 41467
Ion Ratio Lower Upper
43 100
74 24.2 20.5 30.7



#16
Methylene chloride
Concen: 4.534 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

Tgt Ion: 84 Resp: 101526
Ion Ratio Lower Upper
84 100
86 62.4 43.8 81.3
49 111.8 83.2 154.4

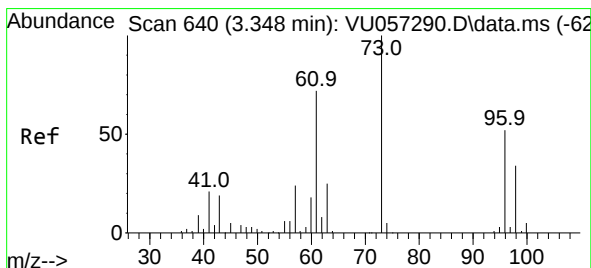
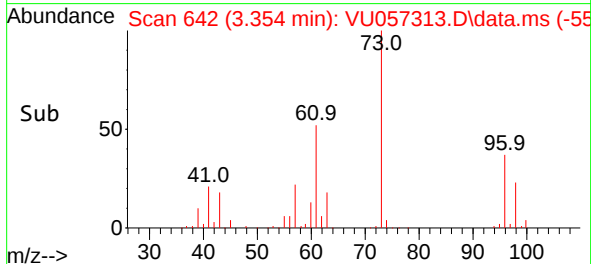
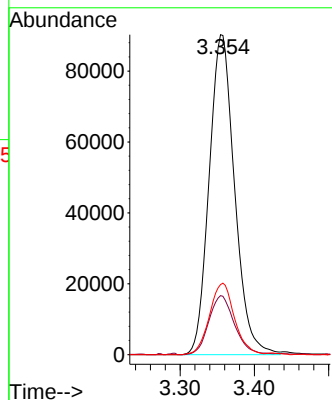
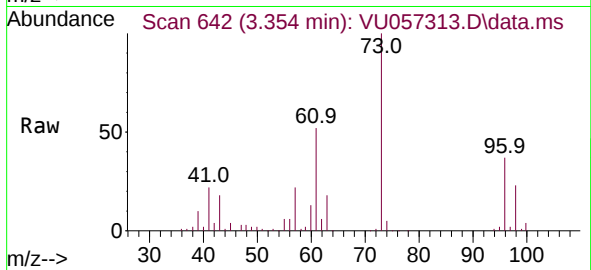




#17
Methyl tert-butyl Ether
Concen: 4.901 ug/L
RT: 3.354 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

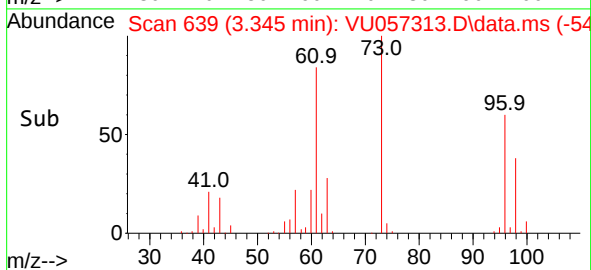
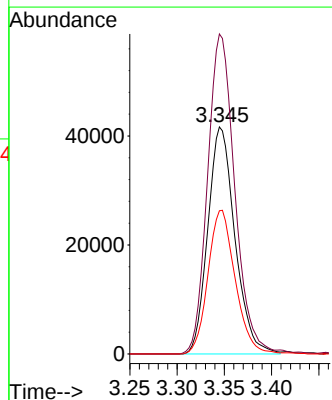
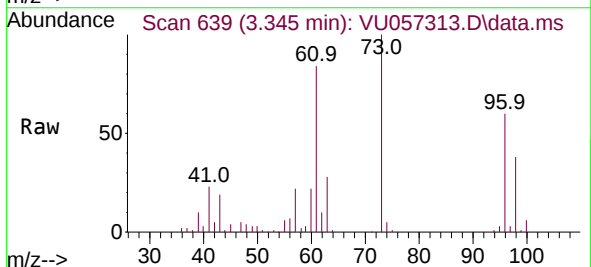
Instrument :
MSVOA_U
ClientSampleId :

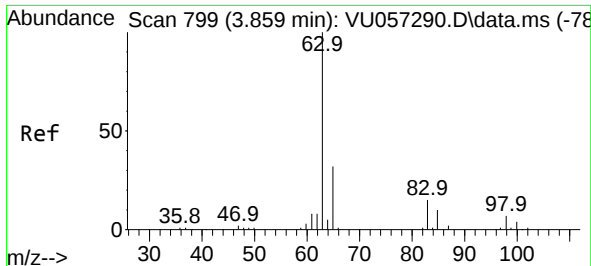
Tgt Ion: 73 Resp: 214627
Ion Ratio Lower Upper
73 100
43 18.7 15.2 22.8
57 22.0 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.828 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

Tgt Ion: 96 Resp: 83126
Ion Ratio Lower Upper
96 100
61 140.9 97.5 181.1
98 63.1 45.9 85.3





#19

1,1-Dichloroethane

Concen: 4.852 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU057313.D

Acq: 28 Dec 2023 05:33

Instrument :

MSVOA_U

ClientSampleId :

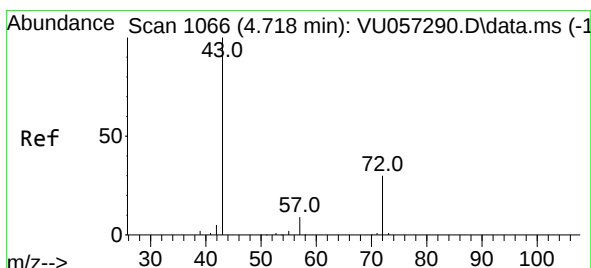
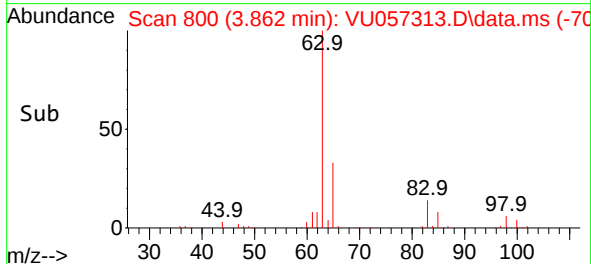
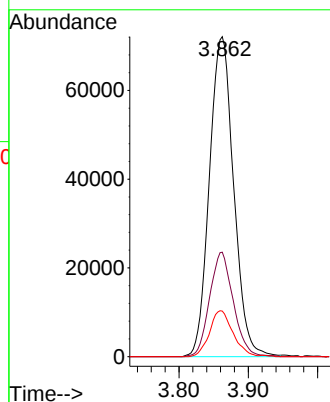
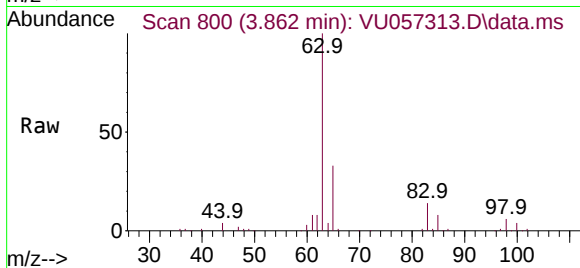
Tgt Ion: 63 Resp: 175546

Ion Ratio Lower Upper

63 100

65 32.6 23.6 43.8

83 14.3 9.8 18.2



#21

2-Butanone

Concen: 49.417 ug/L

RT: 4.718 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VU057313.D

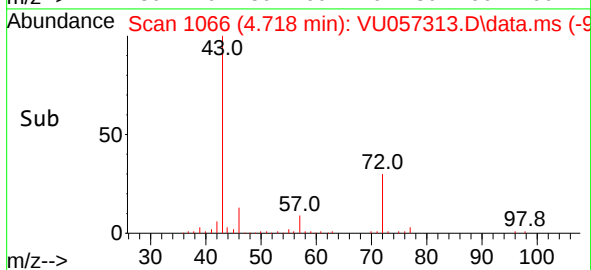
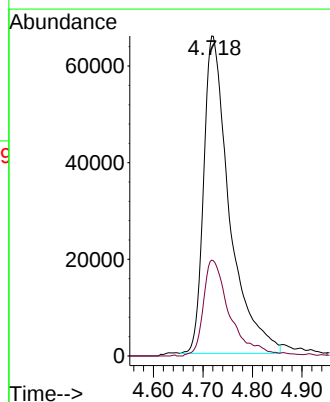
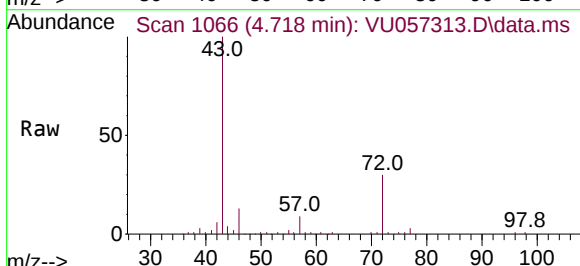
Acq: 28 Dec 2023 05:33

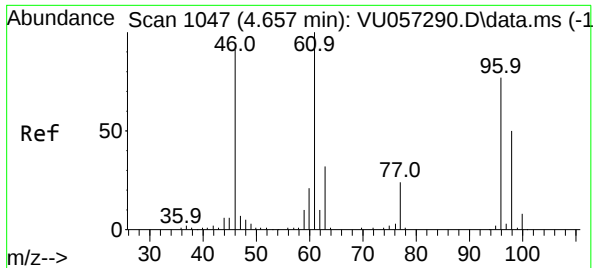
Tgt Ion: 43 Resp: 237747

Ion Ratio Lower Upper

43 100

72 29.2 14.3 42.9

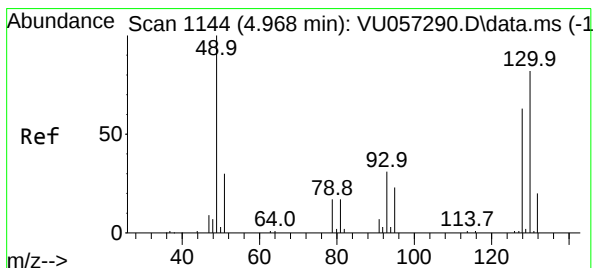
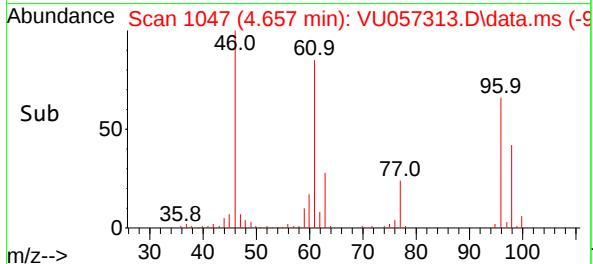
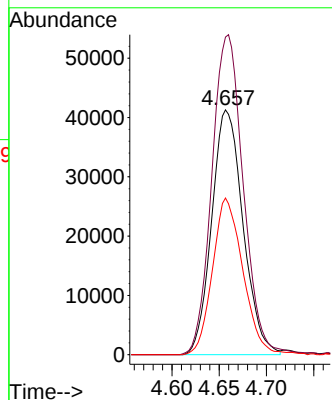
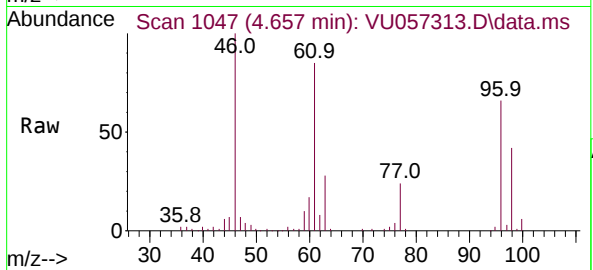




#22
 cis-1,2-Dichloroethene
 Concen: 4.788 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU057313.D
 Acq: 28 Dec 2023 05:33

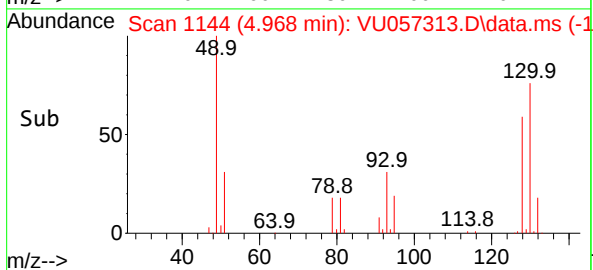
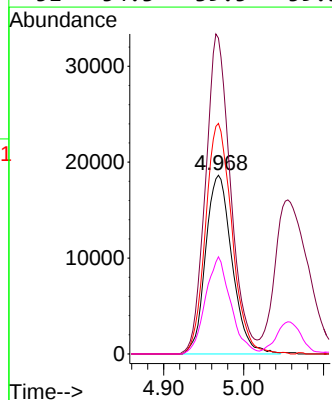
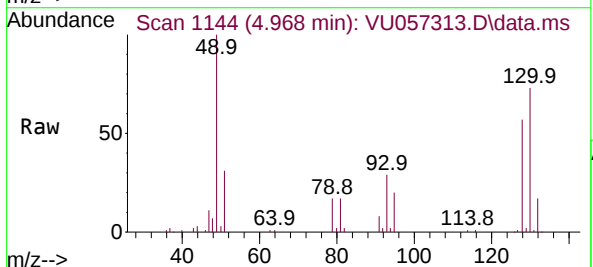
Instrument :
 MSVOA_U
 ClientSampleId :

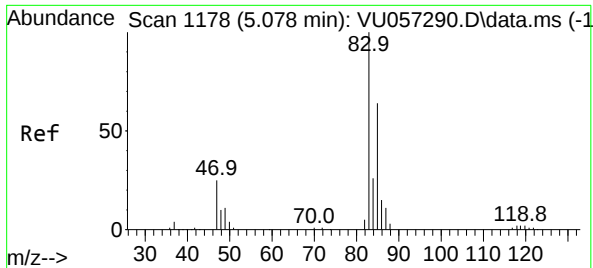
Tgt Ion:	96	Resp:	95268
Ion	Ratio	Lower	Upper
96	100		
61	129.7	91.1	169.3
98	64.0	42.6	79.0



#23
 Bromochloromethane
 Concen: 4.816 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU057313.D
 Acq: 28 Dec 2023 05:33

Tgt Ion:	128	Resp:	42846
Ion	Ratio	Lower	Upper
128	100		
49	176.7	113.1	210.1
130	129.0	91.6	170.2
51	54.3	39.5	59.3





#25

Chloroform

Concen: 4.809 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU057313.D

Acq: 28 Dec 2023 05:33

Instrument :

MSVOA_U

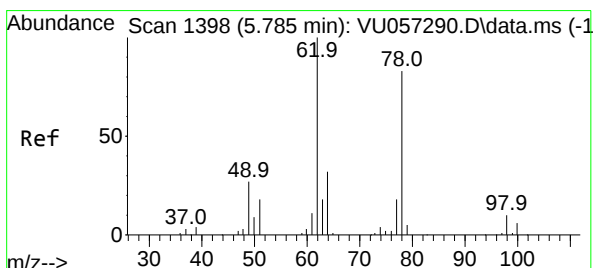
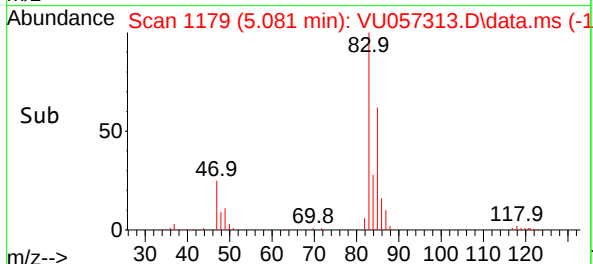
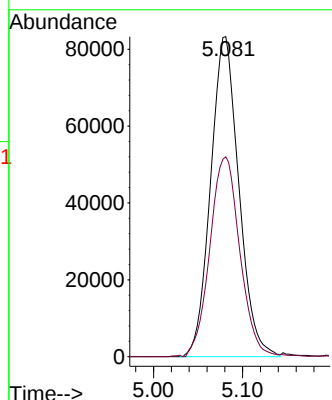
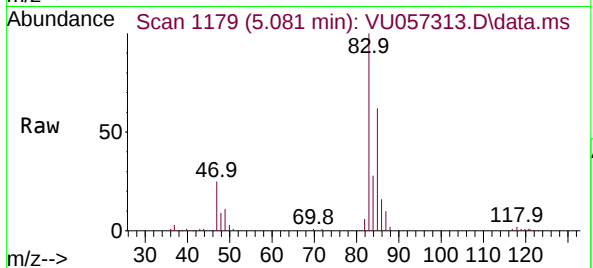
ClientSampleId :

Tgt Ion: 83 Resp: 183517

Ion Ratio Lower Upper

83 100

85 62.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 4.839 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU057313.D

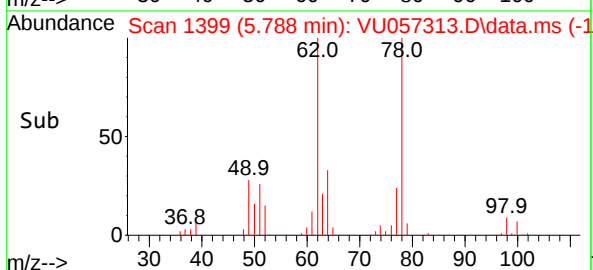
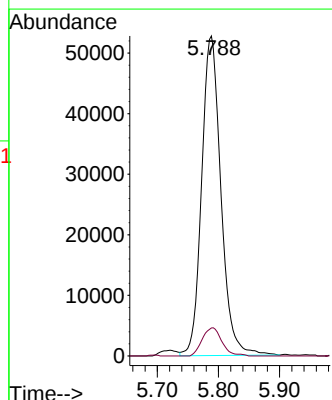
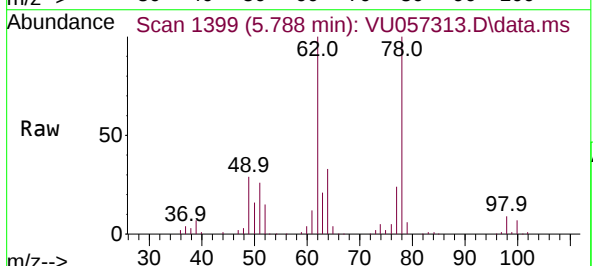
Acq: 28 Dec 2023 05:33

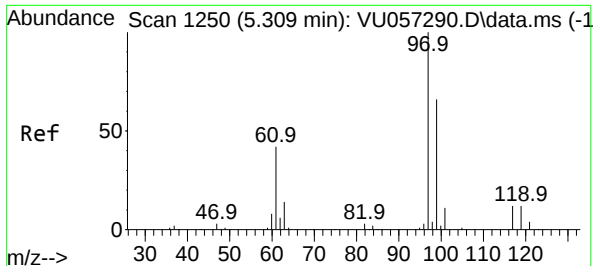
Tgt Ion: 62 Resp: 115723

Ion Ratio Lower Upper

62 100

98 8.7 7.0 10.6

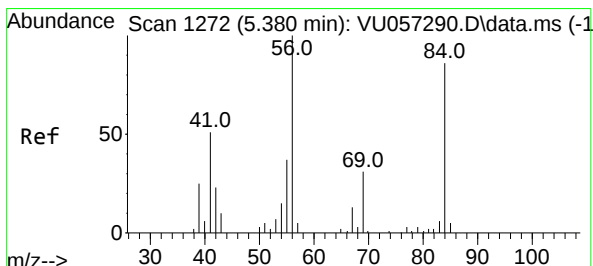
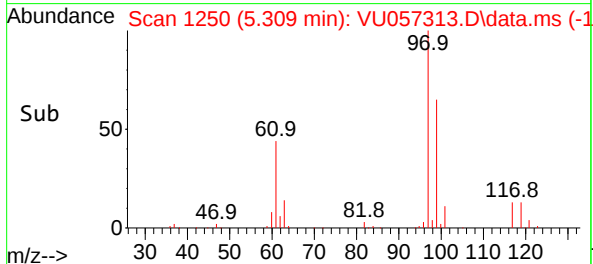
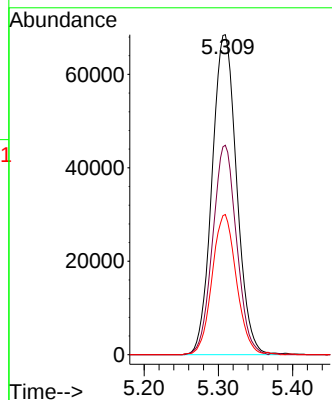
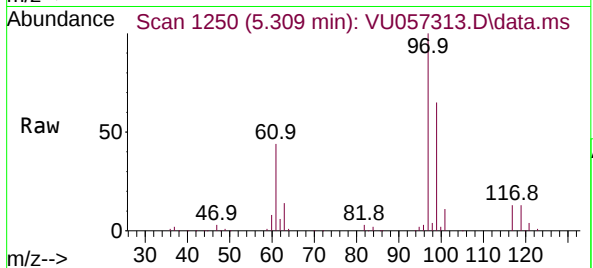




#29
1,1,1-Trichloroethane
Concen: 4.784 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

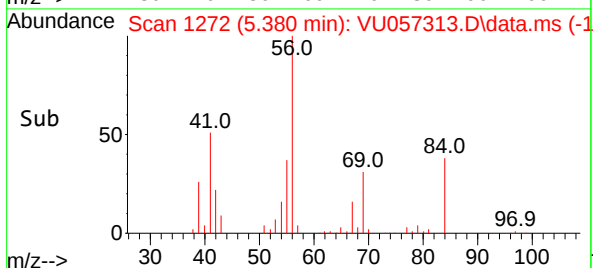
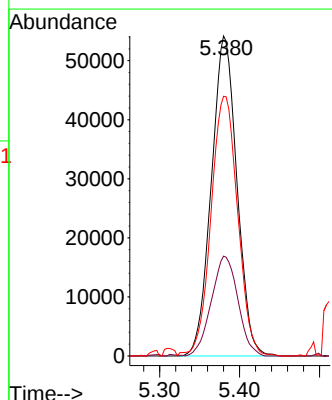
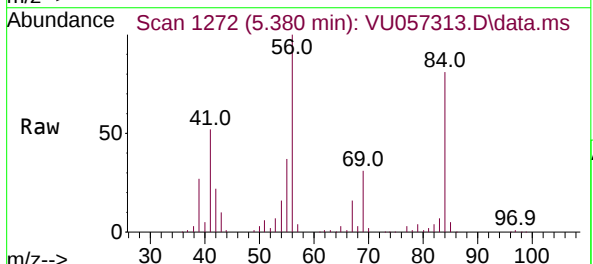
Instrument :
MSVOA_U
ClientSampleId :

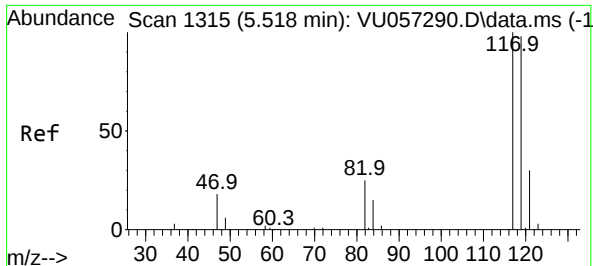
Tgt Ion: 97 Resp: 157945
Ion Ratio Lower Upper
97 100
99 63.7 51.7 77.5
61 43.1 34.1 51.1



#30
Cyclohexane
Concen: 4.876 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

Tgt Ion: 56 Resp: 120079
Ion Ratio Lower Upper
56 100
69 32.5 26.2 39.4
84 84.5 69.4 104.2

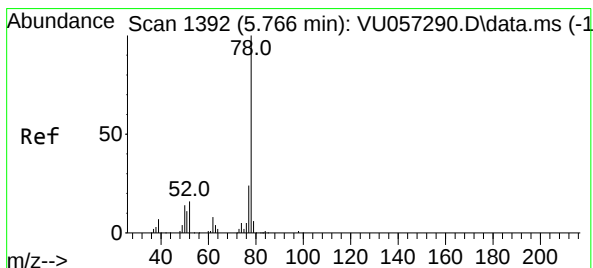
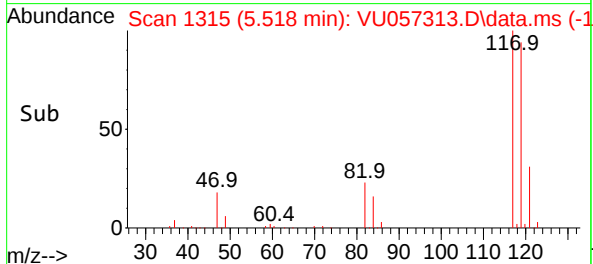
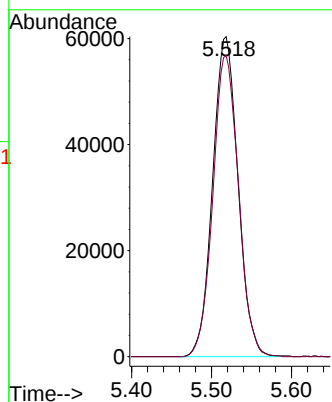
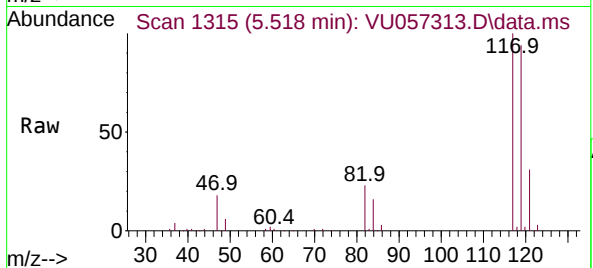




#31
Carbon tetrachloride
Concen: 4.791 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

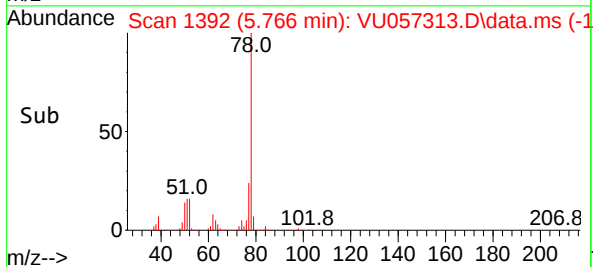
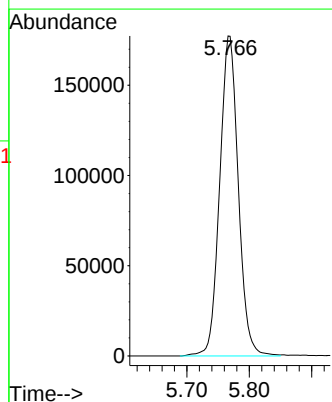
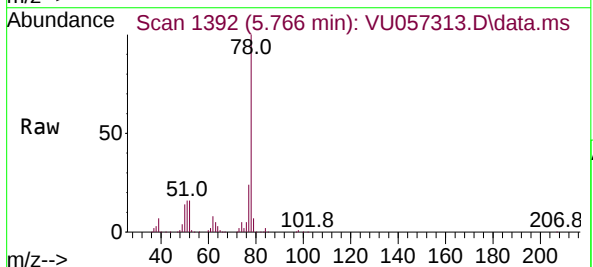
Instrument :
MSVOA_U
ClientSampleId :

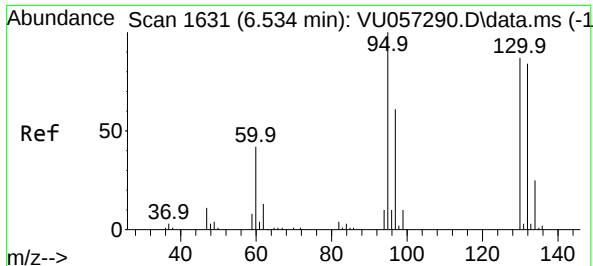
Tgt Ion:117 Resp: 132686
Ion Ratio Lower Upper
117 100
119 95.4 76.7 115.1



#33
Benzene
Concen: 4.890 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

Tgt Ion: 78 Resp: 367122

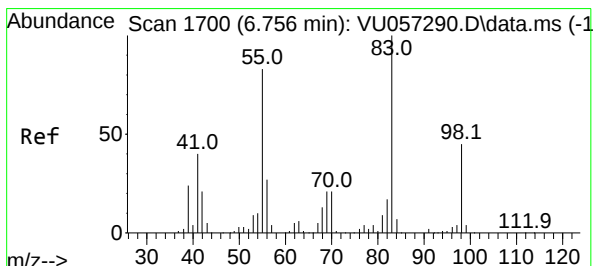
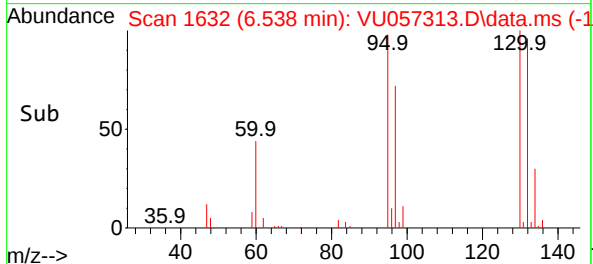
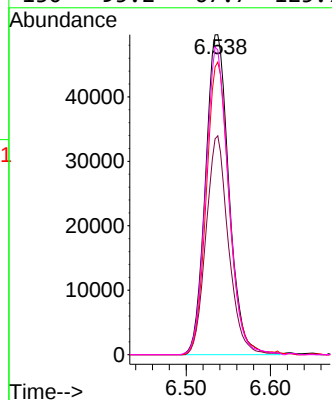
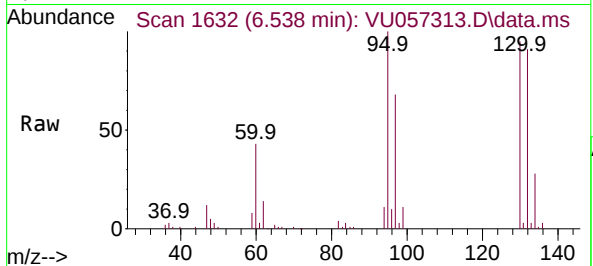




#34
Trichloroethene
Concen: 4.808 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

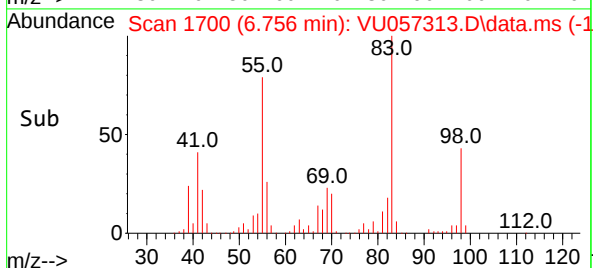
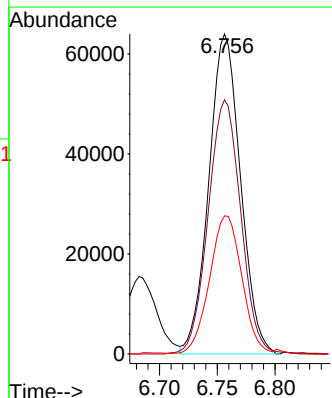
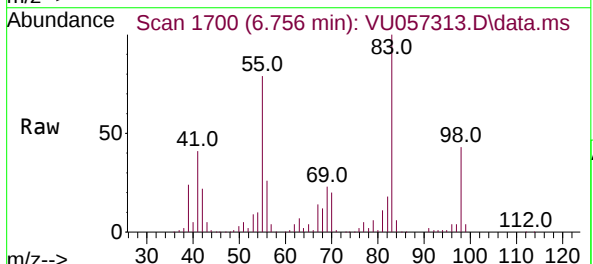
Instrument :
MSVOA_U
ClientSampleId :

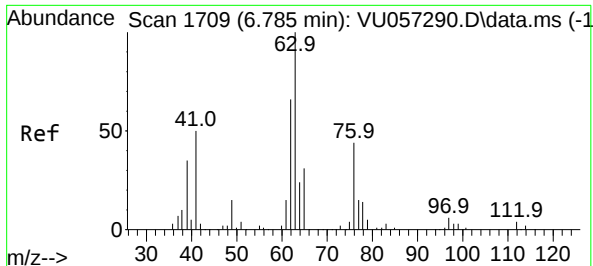
Tgt Ion: 95 Resp: 96207
Ion Ratio Lower Upper
95 100
97 68.4 45.3 84.1
132 91.5 63.1 117.3
130 95.2 67.7 125.7



#35
Methylcyclohexane
Concen: 4.675 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

Tgt Ion: 83 Resp: 122193
Ion Ratio Lower Upper
83 100
55 81.7 65.4 98.2
98 43.5 35.3 52.9





#37

1,2-Dichloropropane

Concen: 4.908 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU057313.D

Acq: 28 Dec 2023 05:33

Instrument :

MSVOA_U

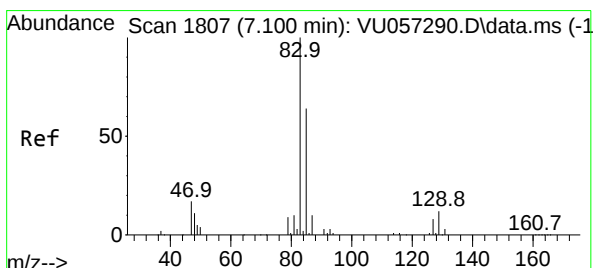
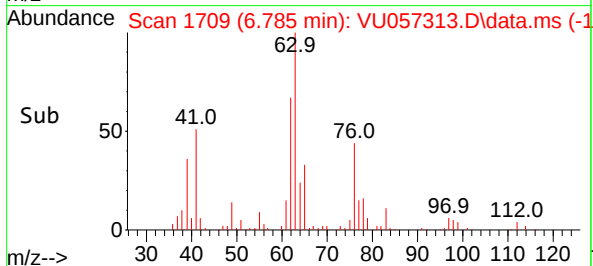
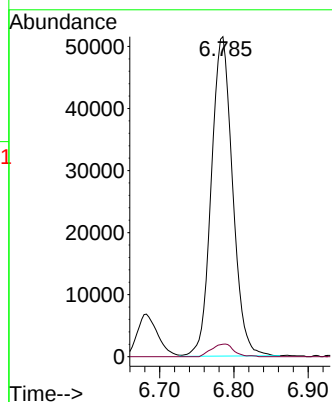
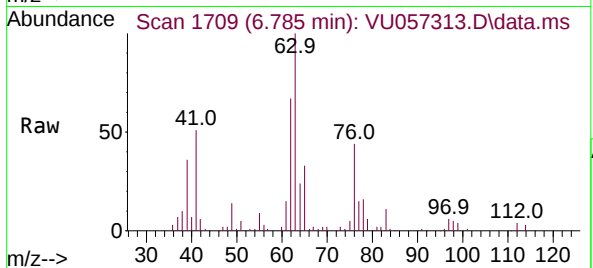
ClientSampleId :

Tgt Ion: 63 Resp: 102534

Ion Ratio Lower Upper

63 100

112 4.2 2.9 4.3



#38

Bromodichloromethane

Concen: 4.756 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU057313.D

Acq: 28 Dec 2023 05:33

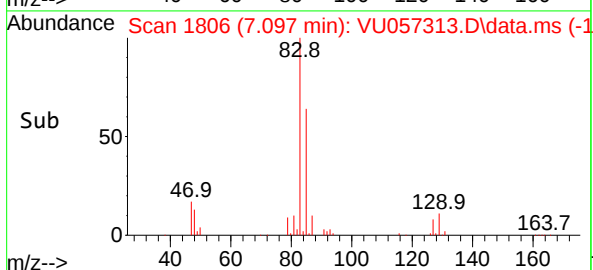
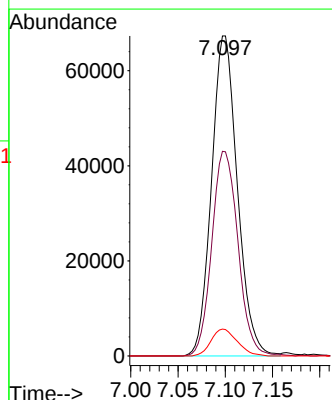
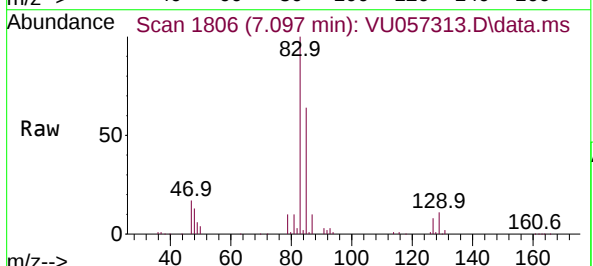
Tgt Ion: 83 Resp: 128170

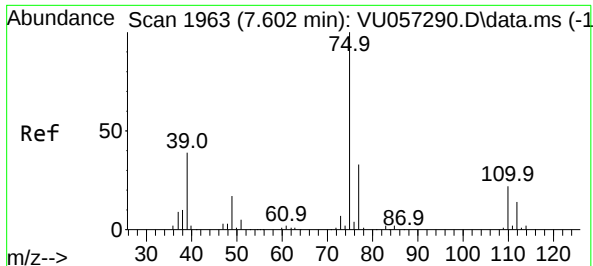
Ion Ratio Lower Upper

83 100

85 64.0 42.6 79.0

127 8.4 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.828 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU057313.D

Acq: 28 Dec 2023 05:33

Instrument :

MSVOA_U

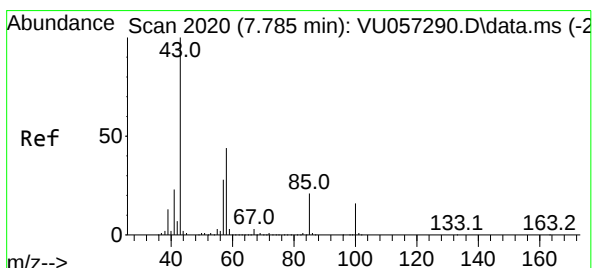
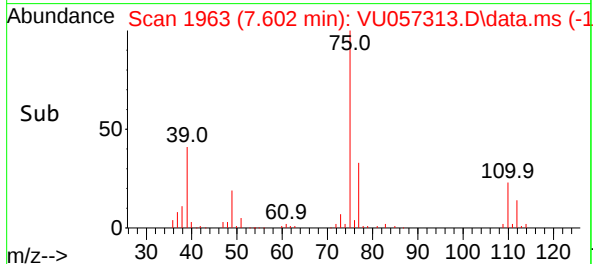
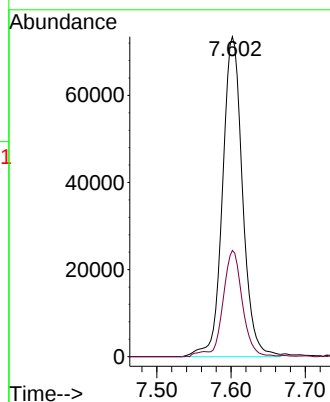
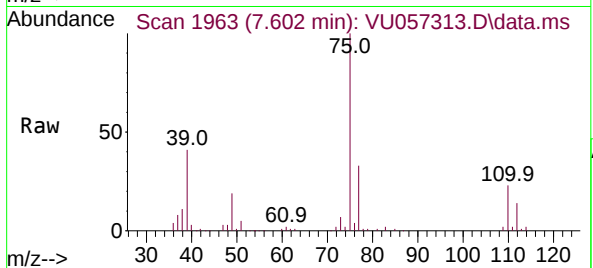
ClientSampleId :

Tgt Ion: 75 Resp: 137911

Ion Ratio Lower Upper

75 100

77 33.2 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 54.464 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU057313.D

Acq: 28 Dec 2023 05:33

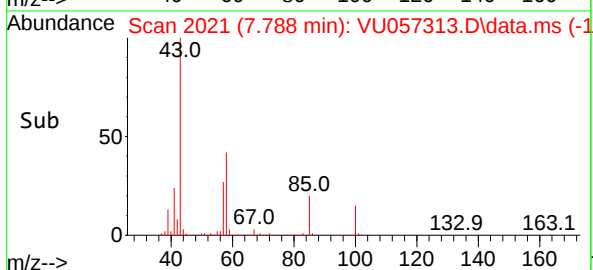
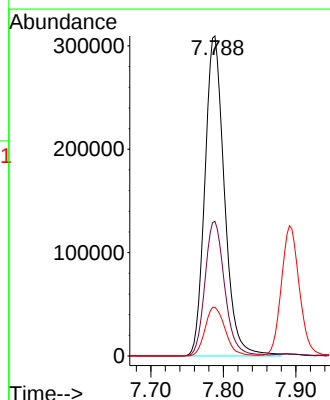
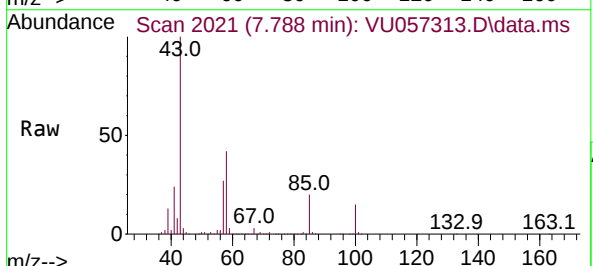
Tgt Ion: 43 Resp: 579767

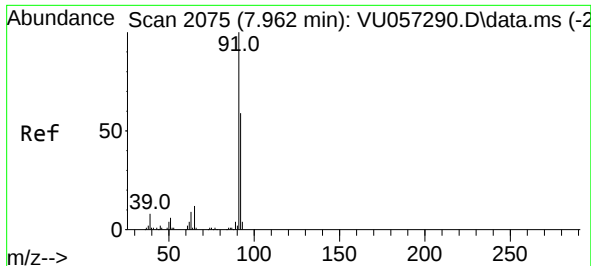
Ion Ratio Lower Upper

43 100

58 42.6 34.4 51.6

100 15.7 13.2 19.8





#42

Toluene

Concen: 4.769 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU057313.D

Acq: 28 Dec 2023 05:33

Instrument :

MSVOA_U

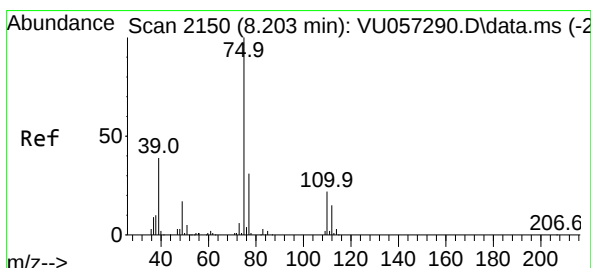
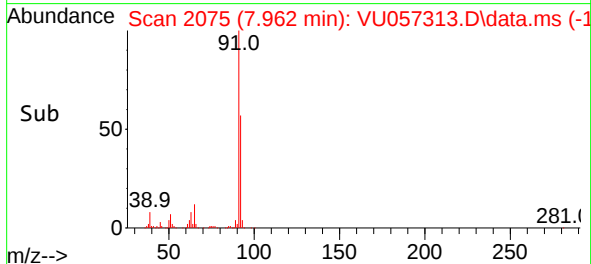
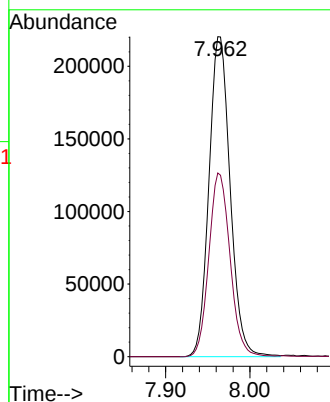
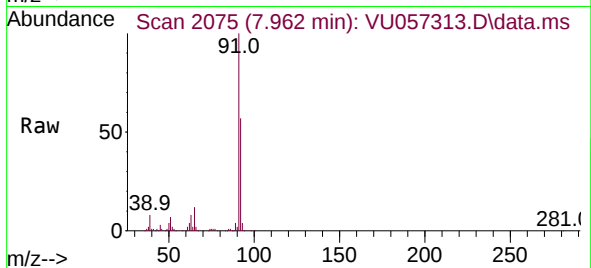
ClientSampleId :

Tgt Ion: 91 Resp: 385527

Ion Ratio Lower Upper

91 100

92 57.4 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 4.776 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU057313.D

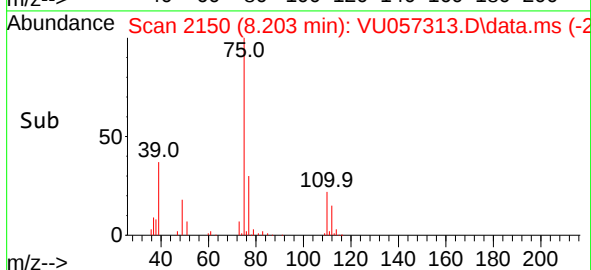
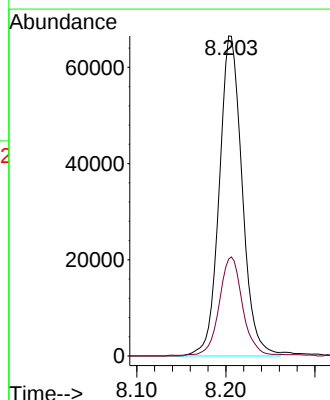
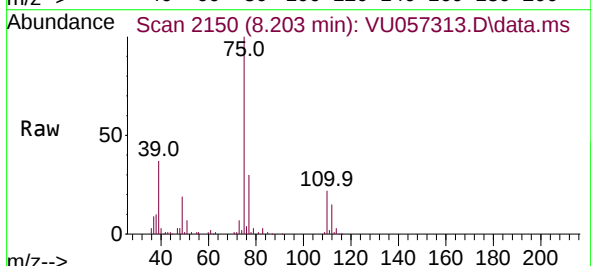
Acq: 28 Dec 2023 05:33

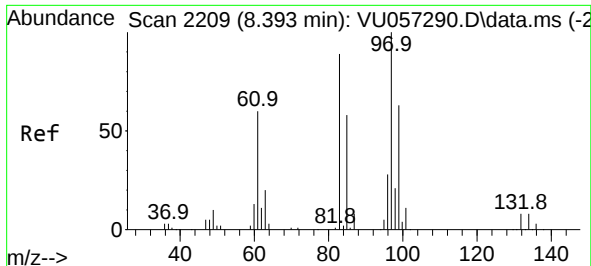
Tgt Ion: 75 Resp: 118961

Ion Ratio Lower Upper

75 100

77 30.3 22.5 41.9

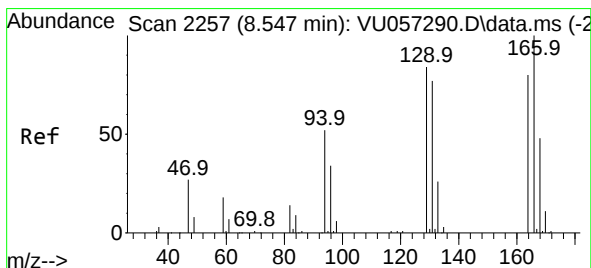
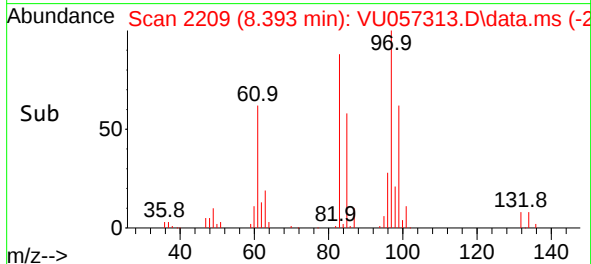
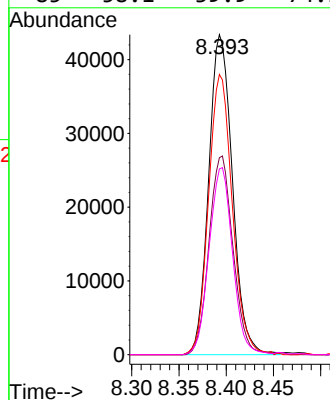
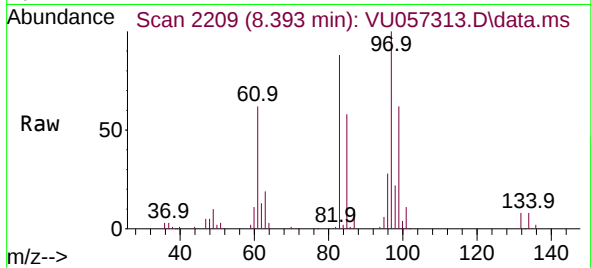




#45
1,1,2-Trichloroethane
Concen: 4.980 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

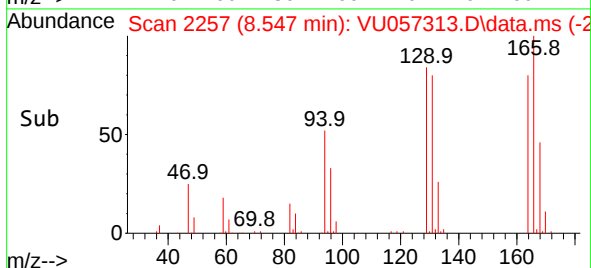
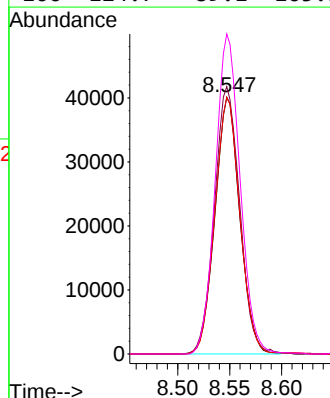
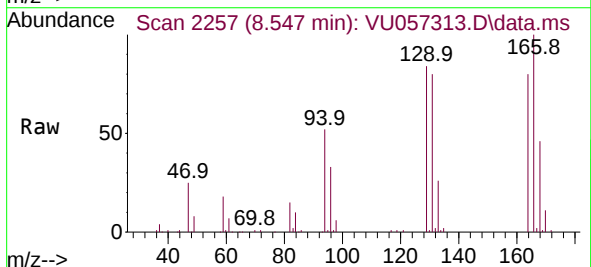
Instrument :
MSVOA_U
ClientSampleId :

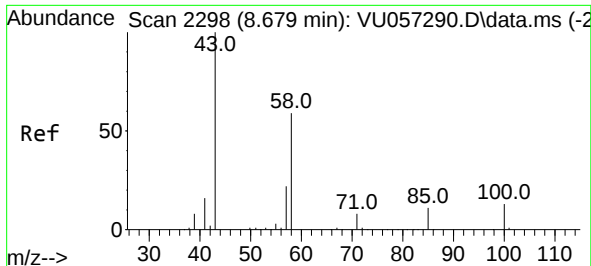
Tgt Ion:	97	Resp:	75774
Ion	Ratio	Lower	Upper
97	100		
99	61.5	44.0	81.8
83	87.6	62.3	115.7
85	58.1	39.9	74.1



#47
Tetrachloroethene
Concen: 4.725 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

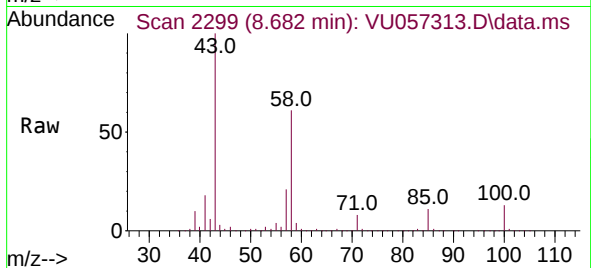
Tgt Ion:	164	Resp:	66812
Ion	Ratio	Lower	Upper
164	100		
129	104.1	71.3	132.5
131	100.0	70.7	131.3
166	124.7	89.1	165.5



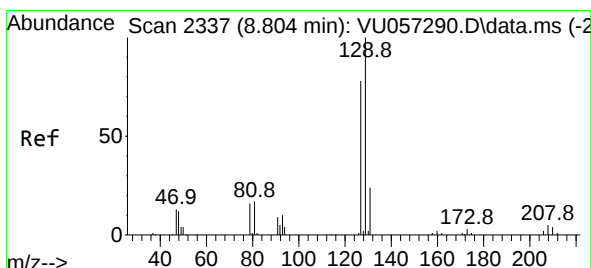
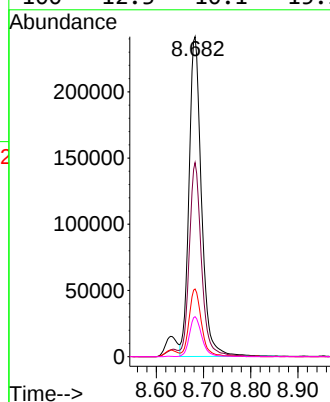
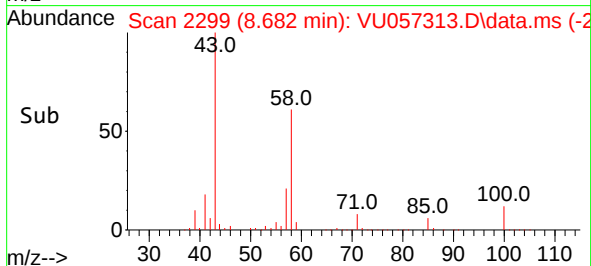


#48
2-Hexanone
Concen: 56.440 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

Instrument :
MSVOA_U
ClientSampleId :

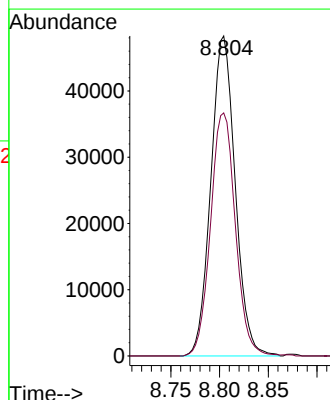
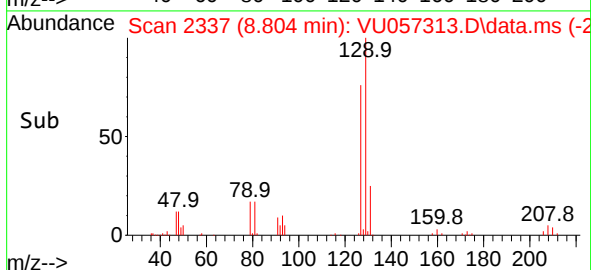
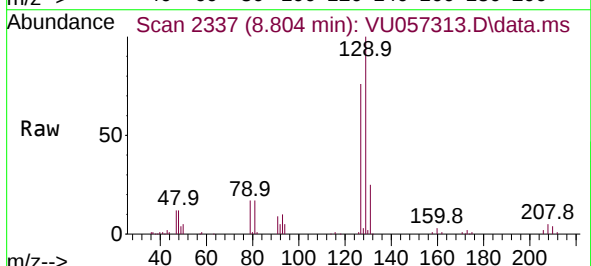


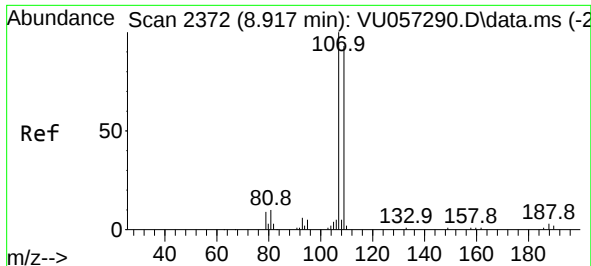
Tgt Ion: 43 Resp: 442957
Ion Ratio Lower Upper
43 100
58 59.0 48.4 72.6
57 21.3 17.4 26.2
100 12.3 10.1 15.1



#49
Dibromochloromethane
Concen: 4.847 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

Tgt Ion: 129 Resp: 83994
Ion Ratio Lower Upper
129 100
127 75.9 54.2 100.6





#50

1,2-Dibromoethane

Concen: 5.033 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057313.D

Acq: 28 Dec 2023 05:33

Instrument :

MSVOA_U

ClientSampleId :

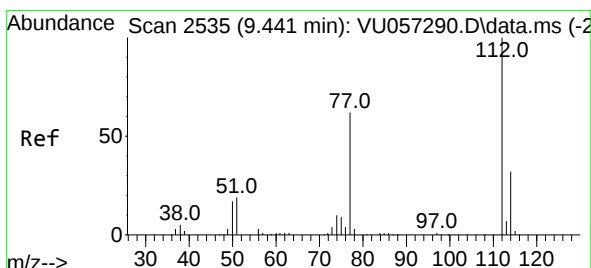
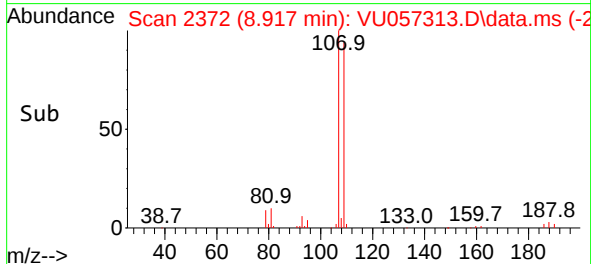
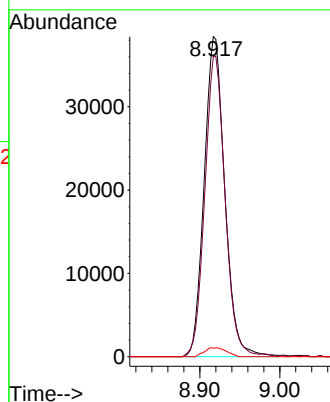
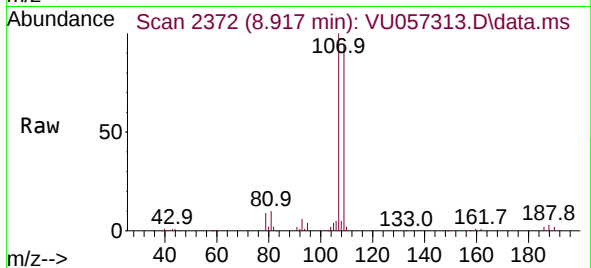
Tgt Ion:107 Resp: 68741

Ion Ratio Lower Upper

107 100

109 93.8 65.2 121.2

188 2.7 2.3 3.5



#51

Chlorobenzene

Concen: 4.860 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU057313.D

Acq: 28 Dec 2023 05:33

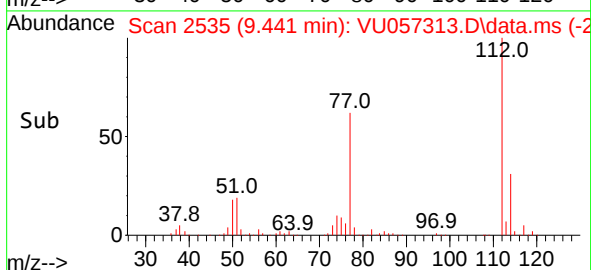
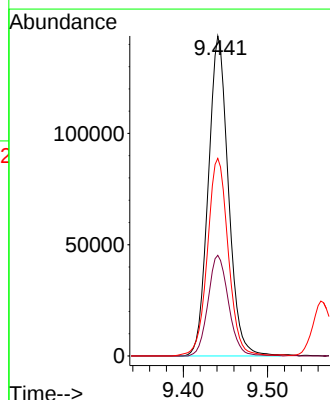
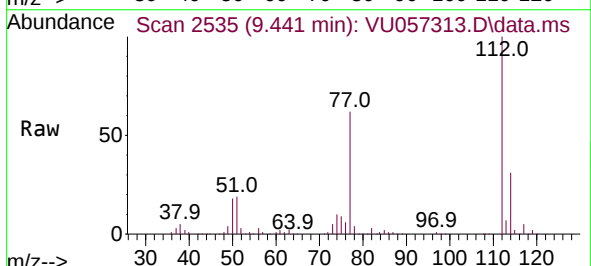
Tgt Ion:112 Resp: 238853

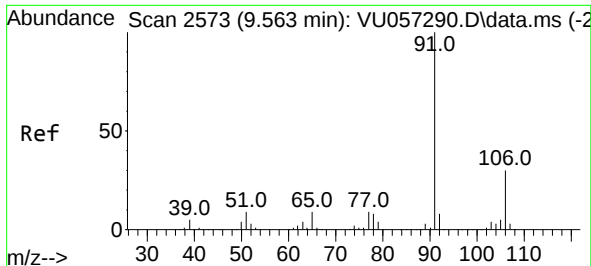
Ion Ratio Lower Upper

112 100

114 31.5 21.8 40.4

77 61.8 51.2 76.8

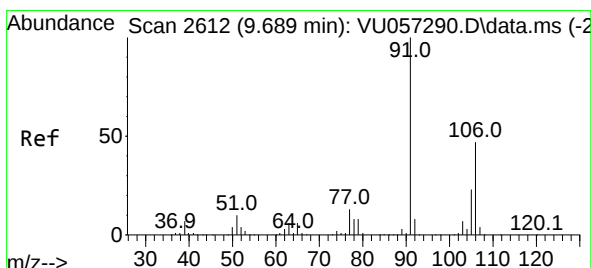
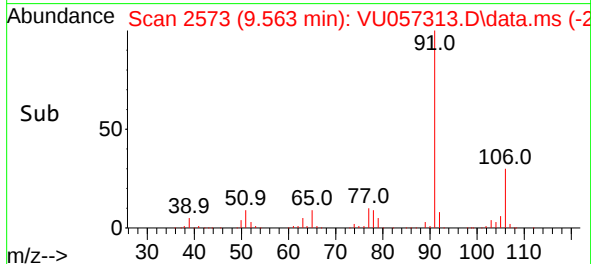
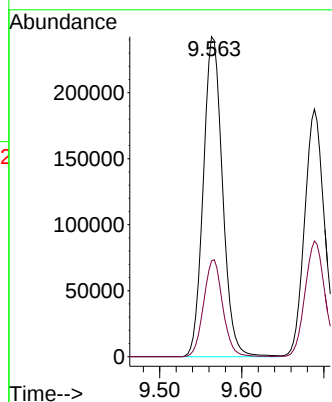
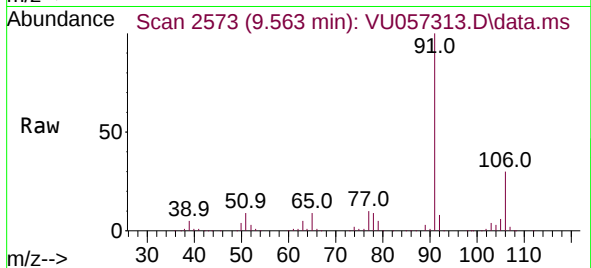




#52
Ethylbenzene
Concen: 4.907 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

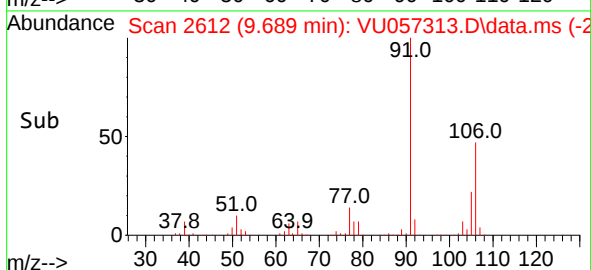
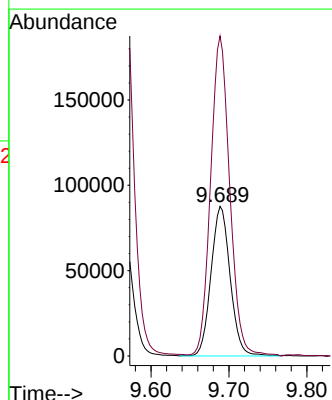
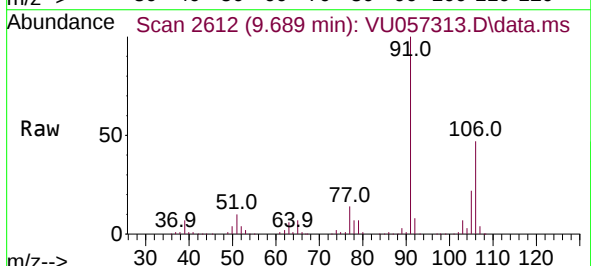
Instrument :
MSVOA_U
ClientSampleId :

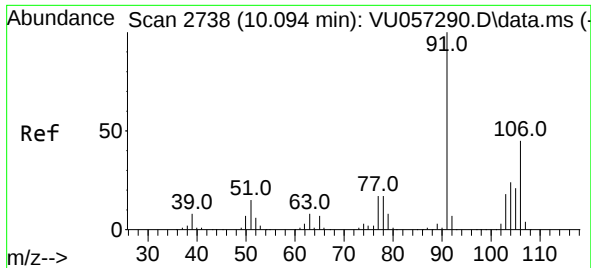
Tgt Ion: 91 Resp: 395913
Ion Ratio Lower Upper
91 100
106 29.9 21.1 39.3



#53
m,p-Xylene
Concen: 4.880 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

Tgt Ion: 106 Resp: 149930
Ion Ratio Lower Upper
106 100
91 214.0 151.5 281.5

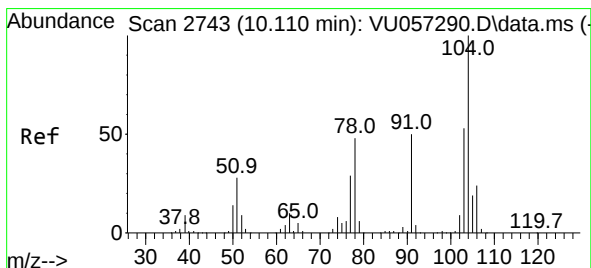
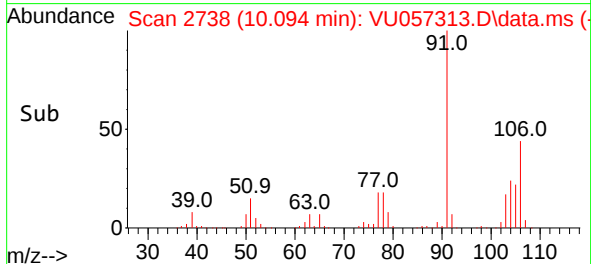
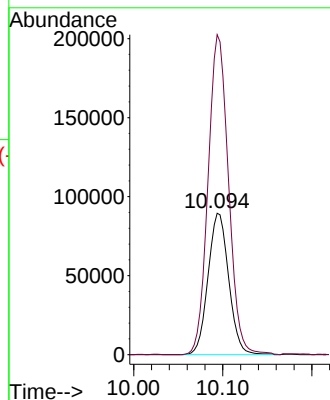
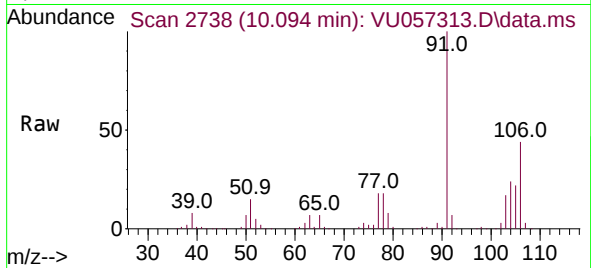




#54
o-Xylene
Concen: 4.933 ug/L
RT: 10.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

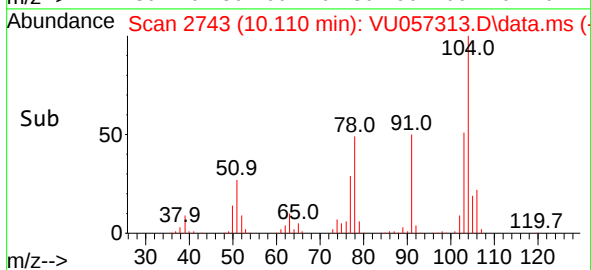
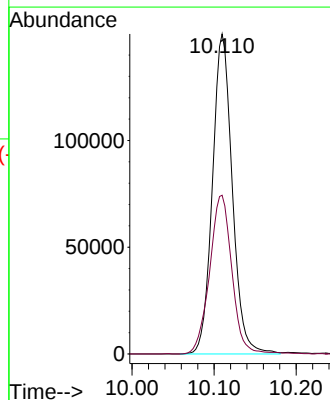
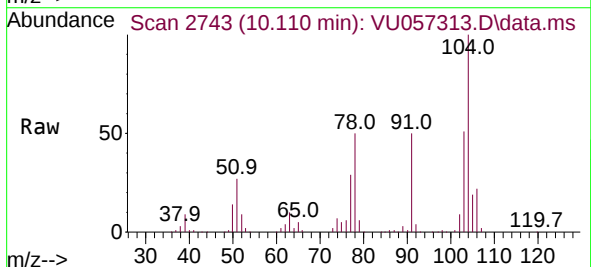
Instrument :
MSVOA_U
ClientSampleId :

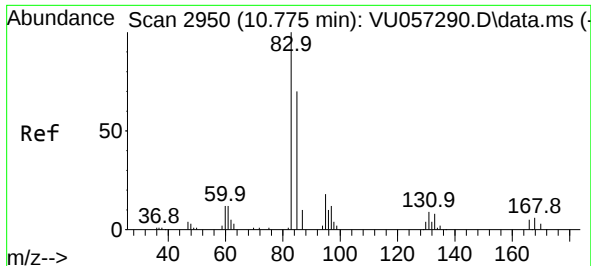
Tgt Ion:106 Resp: 144081
Ion Ratio Lower Upper
106 100
91 226.2 156.0 289.8



#55
Styrene
Concen: 5.131 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

Tgt Ion:104 Resp: 252291
Ion Ratio Lower Upper
104 100
78 49.6 36.3 67.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.262 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU057313.D

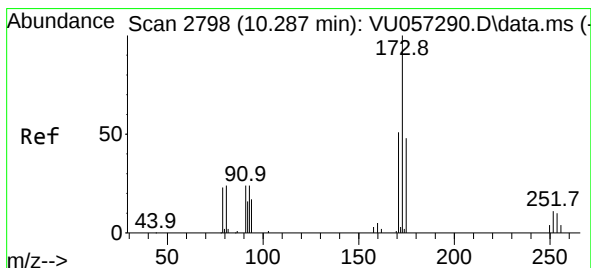
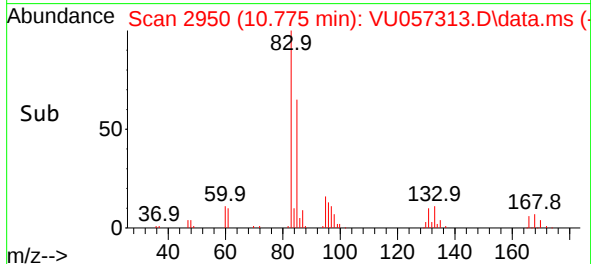
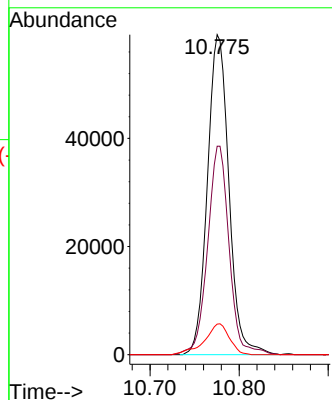
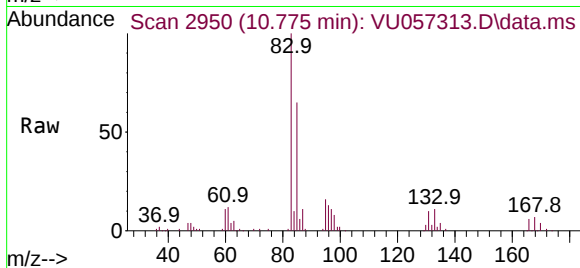
Acq: 28 Dec 2023 05:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	99075
Ion Ratio	Lower	Upper	
83	100		
85	65.1	44.7	83.1
131	9.5	7.7	11.5



#59

Bromoform

Concen: 5.029 ug/L

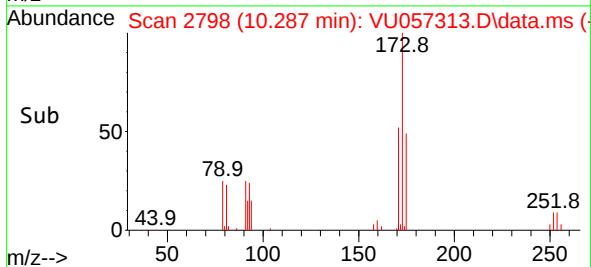
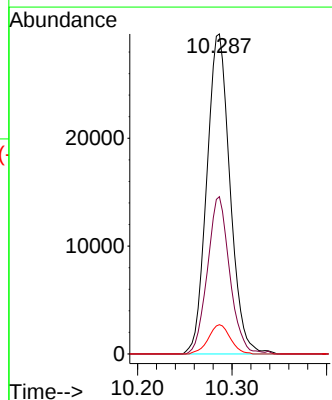
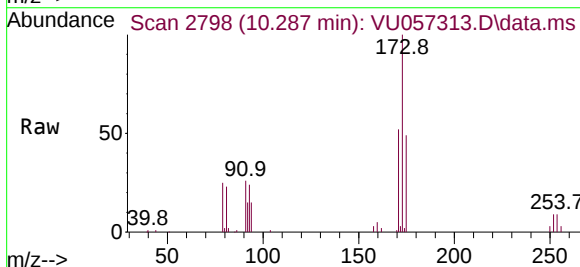
RT: 10.287 min Scan# 2798

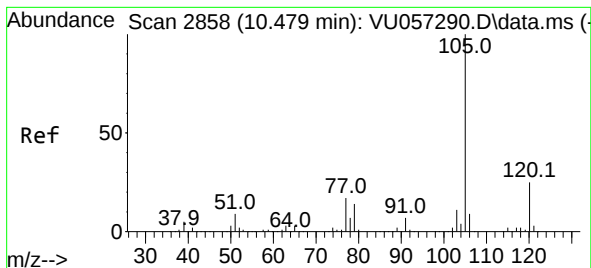
Delta R.T. 0.000 min

Lab File: VU057313.D

Acq: 28 Dec 2023 05:33

Tgt Ion:	173	Resp:	50553
Ion Ratio	Lower	Upper	
173	100		
175	47.3	40.2	60.2
254	8.7	6.8	10.2





#60

Isopropylbenzene

Concen: 4.926 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU057313.D

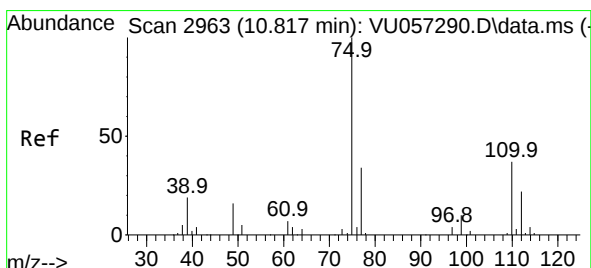
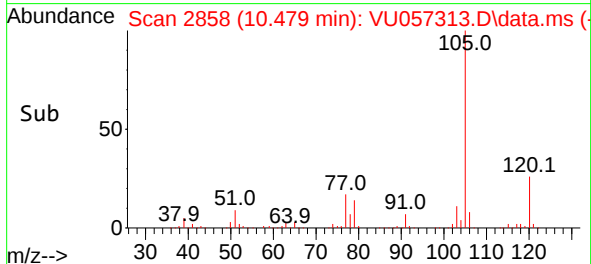
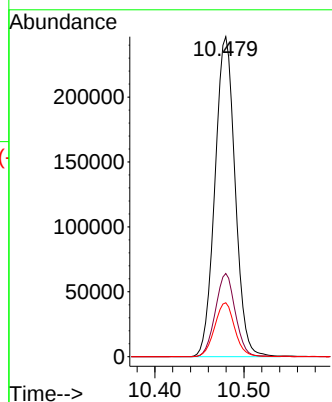
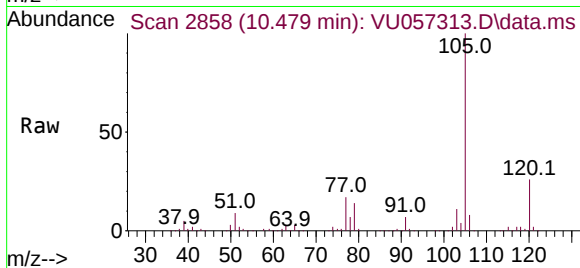
Acq: 28 Dec 2023 05:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	387758
Ion Ratio	Lower	Upper	
105	100		
120	25.7	20.2	30.4
77	16.8	13.2	19.8



#61

1,2,3-Trichloropropane

Concen: 4.932 ug/L

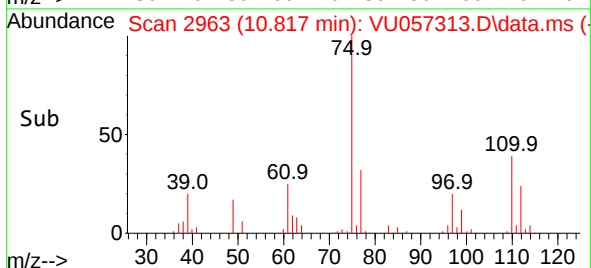
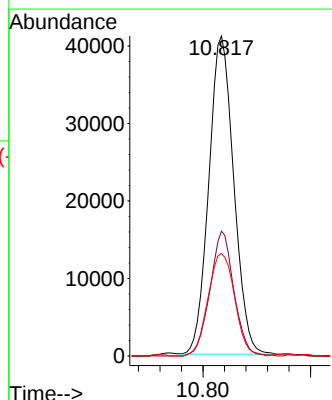
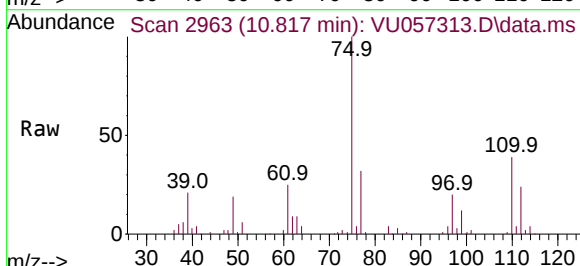
RT: 10.817 min Scan# 2963

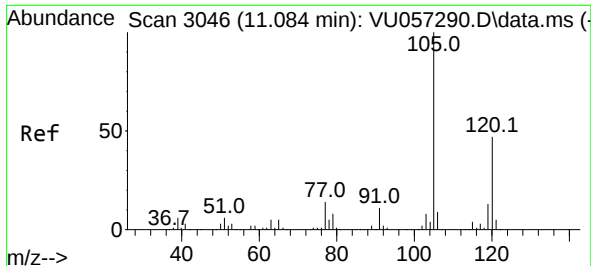
Delta R.T. 0.000 min

Lab File: VU057313.D

Acq: 28 Dec 2023 05:33

Tgt Ion:	75	Resp:	66098
Ion Ratio	Lower	Upper	
75	100		
110	37.5	29.0	43.6
77	34.4	25.4	38.2





#62

1,3,5-Trimethylbenzene

Concen: 4.831 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU057313.D

Acq: 28 Dec 2023 05:33

Instrument :

MSVOA_U

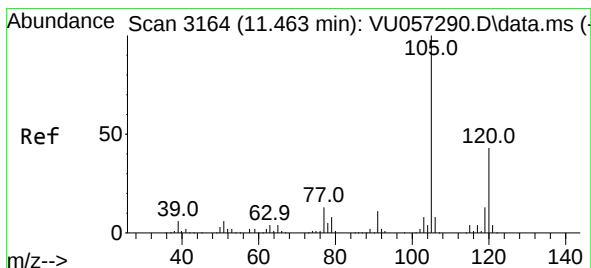
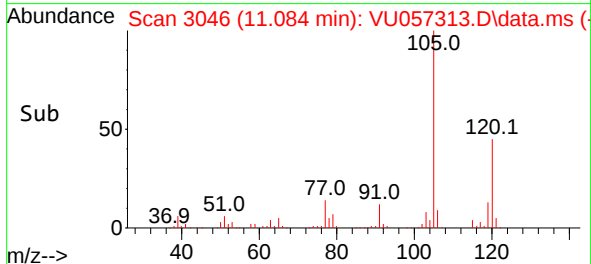
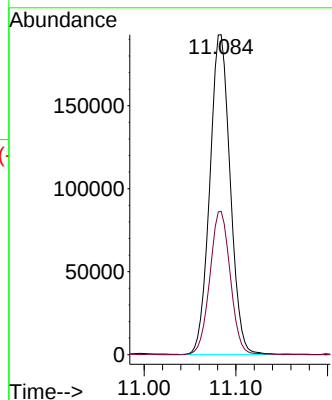
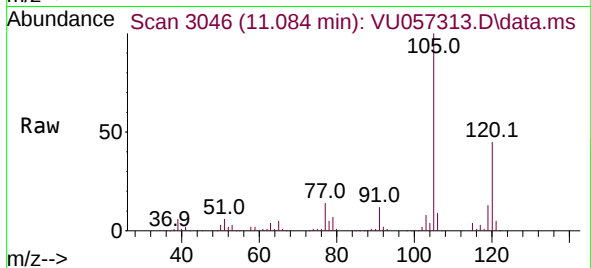
ClientSampleId :

Tgt Ion:105 Resp: 297631

Ion Ratio Lower Upper

105 100

120 45.1 36.0 54.0



#63

1,2,4-Trimethylbenzene

Concen: 4.947 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU057313.D

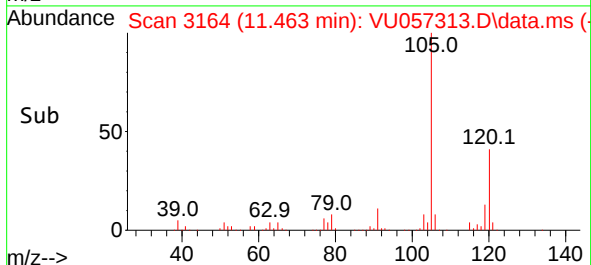
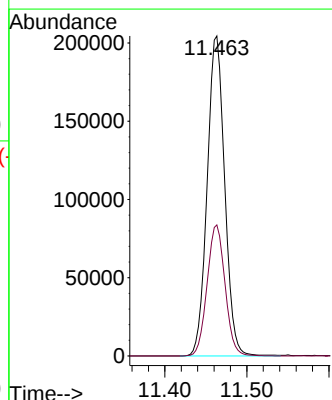
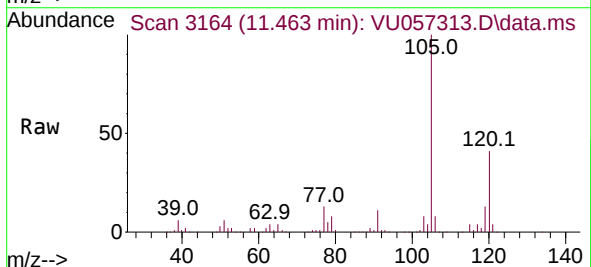
Acq: 28 Dec 2023 05:33

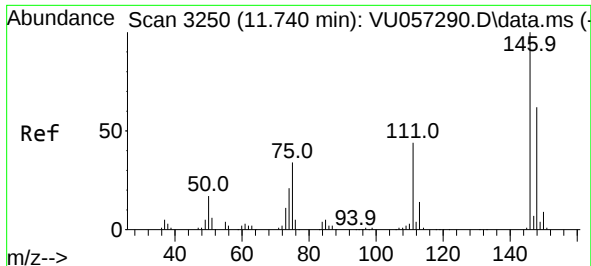
Tgt Ion:105 Resp: 302960

Ion Ratio Lower Upper

105 100

120 41.9 33.5 50.3

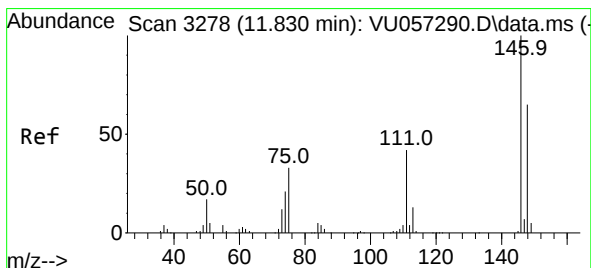
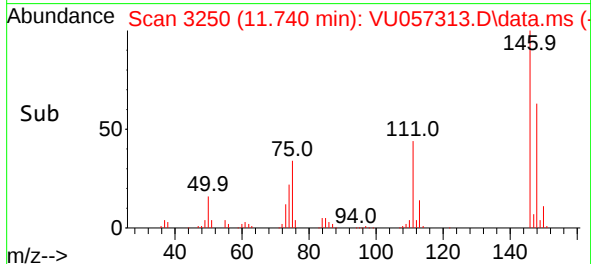
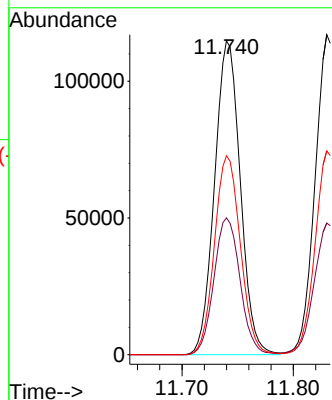
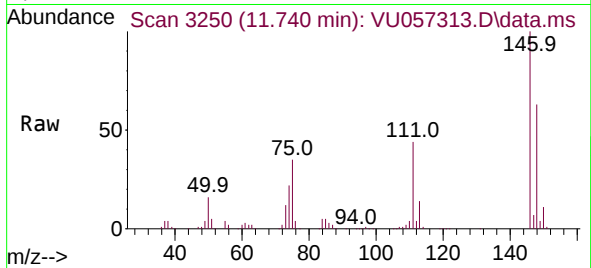




#64
1,3-Dichlorobenzene
Concen: 4.878 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

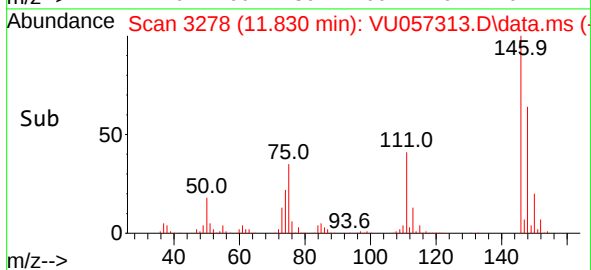
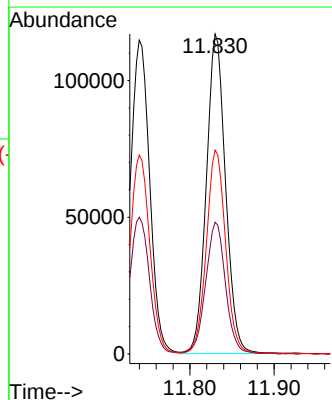
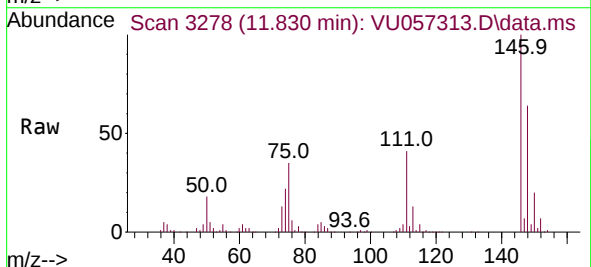
Instrument :
MSVOA_U
ClientSampleId :

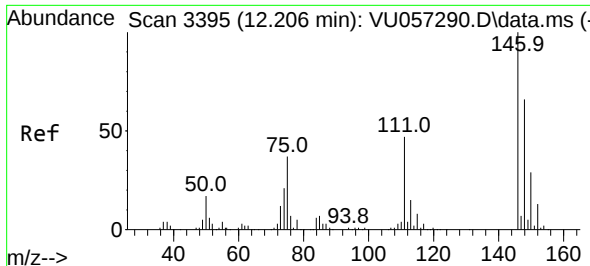
Tgt Ion:146 Resp: 184520
Ion Ratio Lower Upper
146 100
111 43.5 31.4 58.2
148 63.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.812 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

Tgt Ion:146 Resp: 185277
Ion Ratio Lower Upper
146 100
111 41.1 30.9 57.3
148 63.7 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 4.898 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU057313.D

Acq: 28 Dec 2023 05:33

Instrument :

MSVOA_U

ClientSampleId :

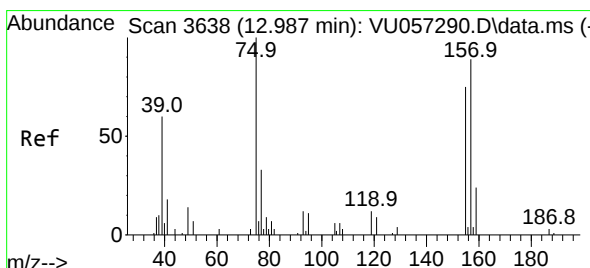
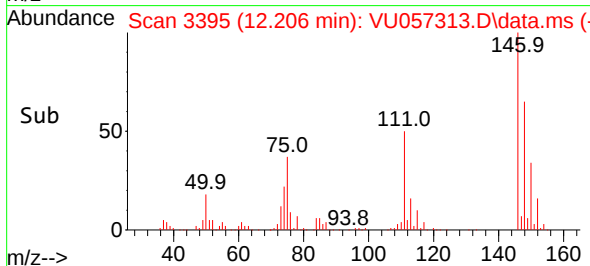
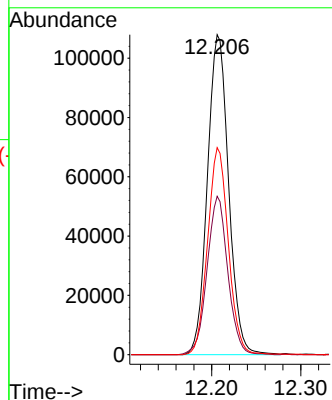
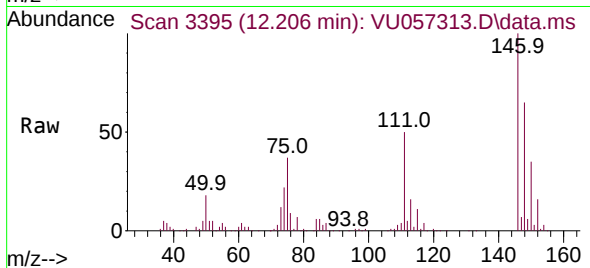
Tgt Ion:146 Resp: 178108

Ion Ratio Lower Upper

146 100

111 49.5 37.8 56.8

148 64.7 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.956 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU057313.D

Acq: 28 Dec 2023 05:33

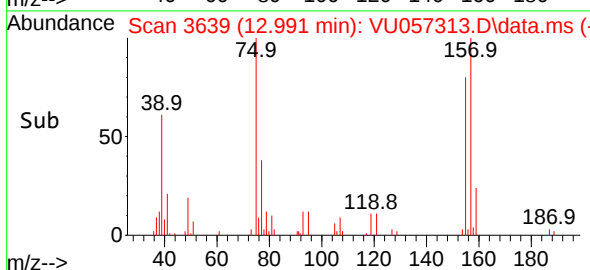
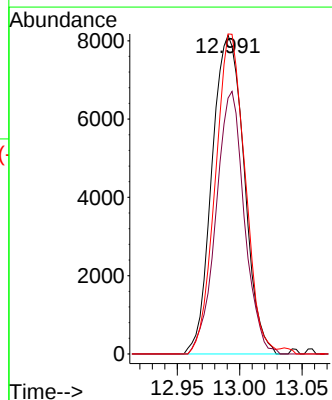
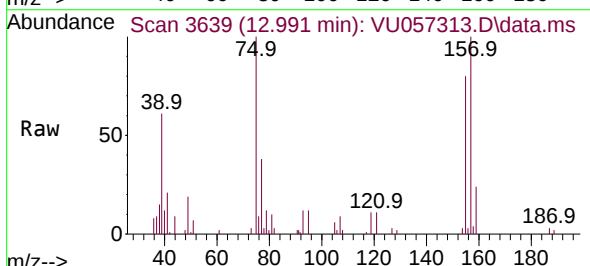
Tgt Ion: 75 Resp: 14606

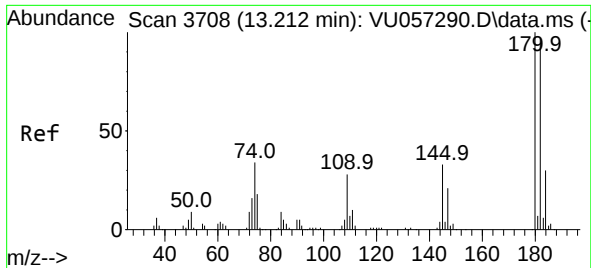
Ion Ratio Lower Upper

75 100

155 80.3 53.8 80.8

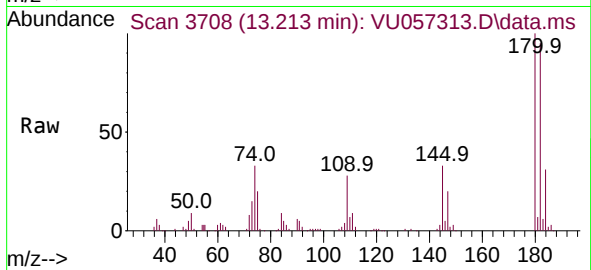
157 100.5 69.7 104.5



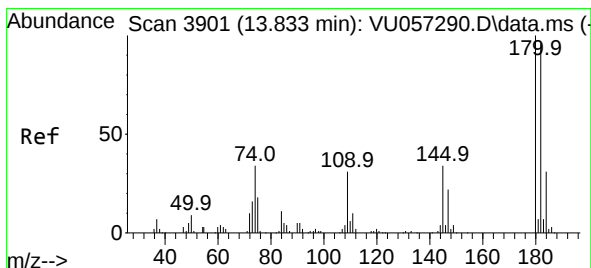
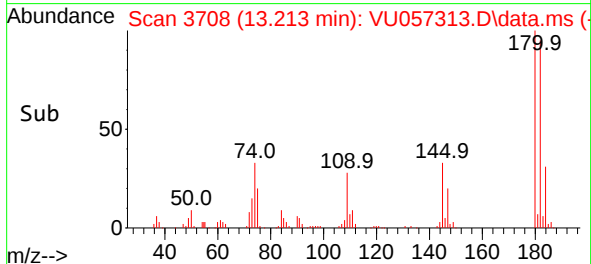
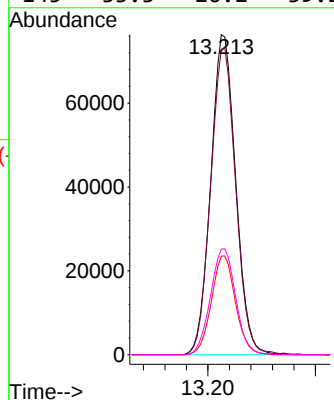


#69
 1,3,5-Trichlorobenzene
 Concen: 4.532 ug/L
 RT: 13.213 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU057313.D
 Acq: 28 Dec 2023 05:33

Instrument :
 MSVOA_U
 ClientSampleId :

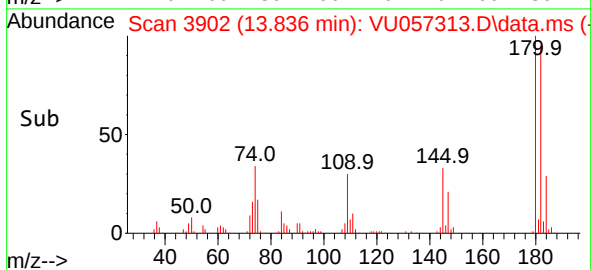
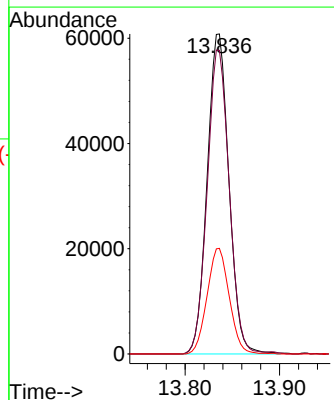
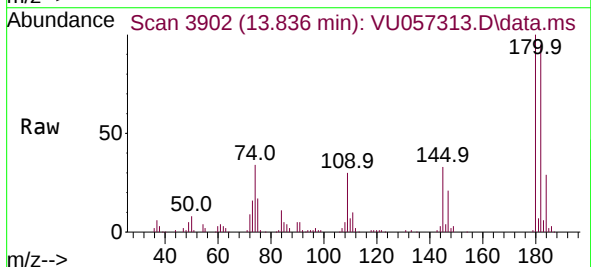


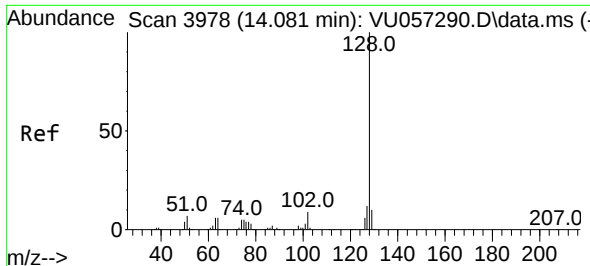
Tgt Ion:180 Resp: 122752
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.3 114.5
 184 29.9 23.6 35.4
 145 33.3 26.2 39.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.526 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.003 min
 Lab File: VU057313.D
 Acq: 28 Dec 2023 05:33

Tgt Ion:180 Resp: 97275
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.2 114.4
 145 33.6 26.7 40.1

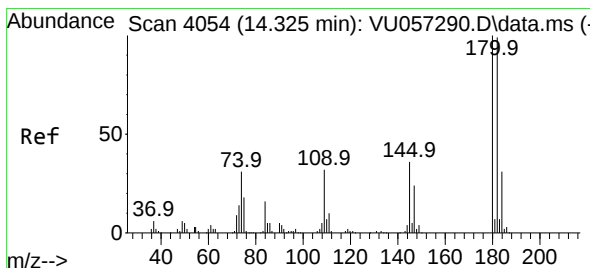
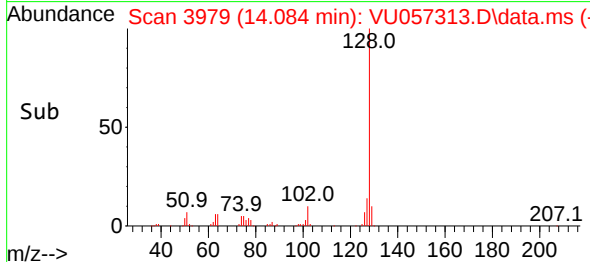
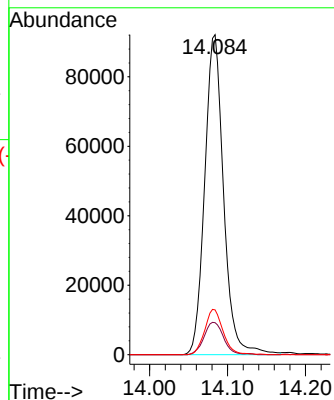
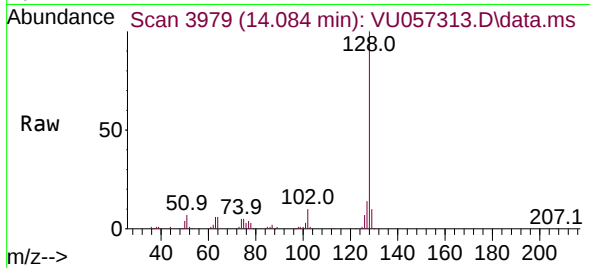




#71
Naphthalene
Concen: 4.622 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 155294
Ion Ratio Lower Upper
128 100
129 10.4 8.6 13.0
127 13.8 9.8 14.6



#72
1,2,3-Trichlorobenzene
Concen: 4.610 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU057313.D
Acq: 28 Dec 2023 05:33

Tgt Ion:180 Resp: 86366
Ion Ratio Lower Upper
180 100
182 97.0 75.8 113.8
145 34.8 28.0 42.0

