

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062724\
 Data File : VU059554.D
 Acq On : 27 Jun 2024 11:40
 Operator : MD/SY
 Sample : P3062-03MSD 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1GN8MSD

Quant Time: Jun 28 04:07:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 27 04:10:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	210122	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	210963	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	112191	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	56619	45.004	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.000%
7) Chloroethane-d5	1.907	69	50218	46.597	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.563	63	111195	44.777	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.560%
21) 2-Butanone-d5	4.608	46	97397	82.134	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.130%
24) Chloroform-d	5.052	84	119103	47.555	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.120%
26) 1,2-Dichloroethane-d4	5.692	65	71411	46.520	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.040%
32) Benzene-d6	5.718	84	235016	48.538	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.080%
36) 1,2-Dichloropropane-d6	6.682	67	73736	44.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.340%
41) Toluene-d8	7.891	98	217550	52.927	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.860%
43) trans-1,3-Dichloroprop...	8.171	79	33340	49.405	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.800%
47) 2-Hexanone-d5	8.624	63	65729	85.139	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.140%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	126811	44.881	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.760%
66) 1,2-Dichlorobenzene-d4	12.187	152	85825	51.261	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	91532	42.993	ug/L	99
3) Chloromethane	1.518	50	96022	39.025	ug/L	99
5) Vinyl chloride	1.602	62	105496	43.633	ug/L	99
6) Bromomethane	1.850	94	72424	37.442	ug/L	99
8) Chloroethane	1.927	64	67584	44.825	ug/L	99
9) Trichlorofluoromethane	2.133	101	135978	48.330	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	85354	52.142	ug/L	89
12) 1,1-Dichloroethene	2.573	96	78800	53.074	ug/L	81
13) Acetone	2.615	43	87859	63.034	ug/L	96
14) Carbon disulfide	2.785	76	222617	44.521	ug/L	99
15) Methyl Acetate	2.936	43	97189	44.019	ug/L	91
16) Methylene chloride	3.036	84	98353	48.958	ug/L	87
17) trans-1,2-Dichloroethene	3.345	96	83225	51.935	ug/L	89
18) Methyl tert-butyl Ether	3.351	73	253065	48.616	ug/L	96
19) 1,1-Dichloroethane	3.859	63	157864	45.959	ug/L	96
20) cis-1,2-Dichloroethene	4.657	96	97349	53.310	ug/L	85
22) 2-Butanone	4.689	43	142779	84.610	ug/L	94
23) Bromochloromethane	4.965	128	52880	57.169	ug/L	82
25) Chloroform	5.078	83	169245	50.886	ug/L	100

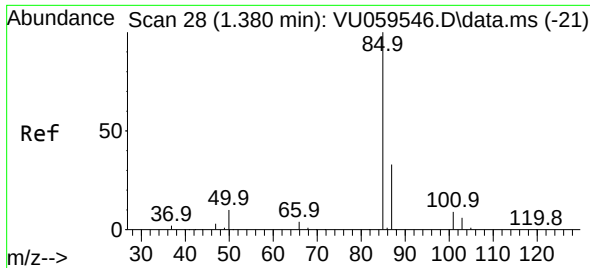
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062724\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	128771	45.831	ug/L	96
29) Cyclohexane	5.380	56	116601	41.400	ug/L	92
30) 1,1,1-Trichloroethane	5.306	97	135364	49.350	ug/L	97
31) Carbon tetrachloride	5.515	117	112714	50.590	ug/L	99
33) Benzene	5.766	78	363843	47.763	ug/L	100
34) Trichloroethene	6.534	95	93918	50.351	ug/L	89
35) Methylcyclohexane	6.756	83	130462	47.570	ug/L	93
37) 1,2-Dichloropropane	6.782	63	98717	45.636	ug/L #	97
38) Bromodichloromethane	7.097	83	126681	50.277	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	147341	49.230	ug/L	98
40) 4-Methyl-2-pentanone	7.779	43	263923	93.067	ug/L #	94
42) Toluene	7.962	91	397392	51.970	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	137202	50.637	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	103357	53.143	ug/L	97
46) Tetrachloroethene	8.547	164	74184	59.709	ug/L	88
48) 2-Hexanone	8.676	43	209706	87.679	ug/L #	93
49) Dibromochloromethane	8.801	129	102112	58.096	ug/L	98
50) 1,2-Dibromoethane	8.917	107	109722	54.691	ug/L	98
51) Chlorobenzene	9.441	112	251147	54.419	ug/L	95
52) Ethylbenzene	9.563	91	407179	51.652	ug/L	99
53) m,p-Xylene	9.689	106	158869	54.835	ug/L	90
54) o-Xylene	10.094	106	154725	55.105	ug/L	90
55) Styrene	10.107	104	274698	57.556	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.775	83	179516	50.669	ug/L	99
59) Bromoform	10.283	173	86221	58.614	ug/L	98
60) 1,2,3-Trichloropropane	10.814	75	137260	43.995	ug/L	97
61) Isopropylbenzene	10.476	105	399410	50.603	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	284006	49.662	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	309647	49.948	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	202566	54.911	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	204606	53.705	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	201920	52.370	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	41880	52.950	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.213	180	136632	56.082	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	119036	61.174	ug/L	99
71) Naphthalene	14.081	128	389409	63.224	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	129978	65.703	ug/L	98

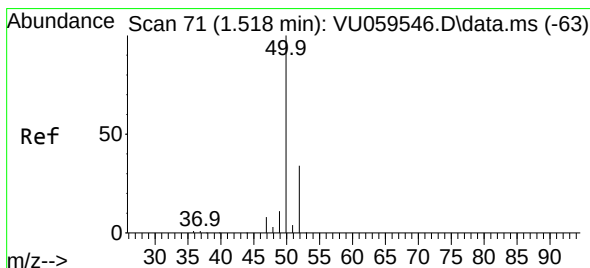
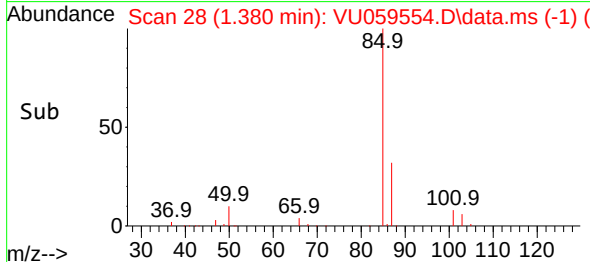
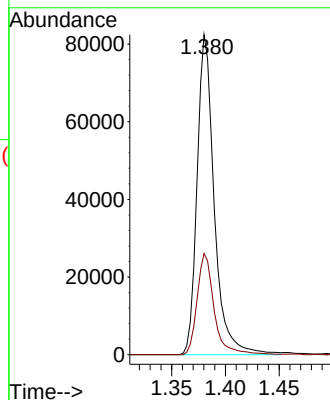
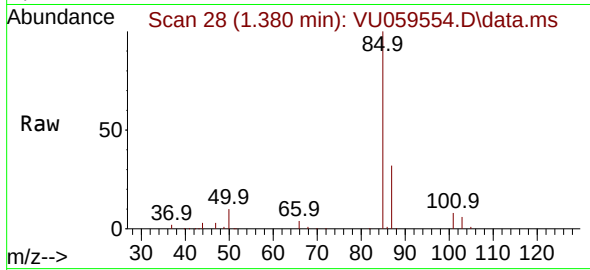
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#2
 Dichlorodifluoromethane
 Concen: 42.993 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU059554.D
 Acq: 27 Jun 2024 11:40

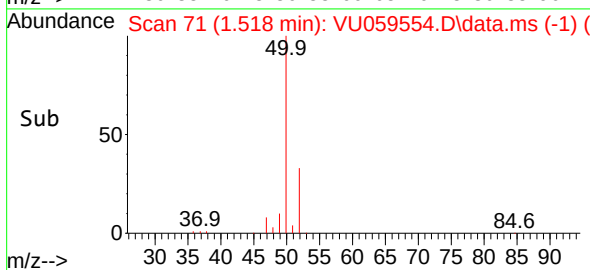
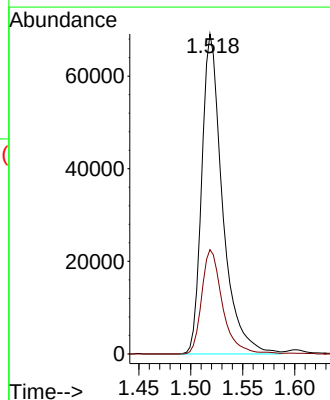
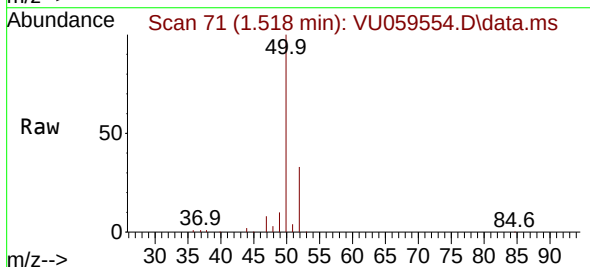
Instrument :
 MSVOA_U
 ClientSampleId :
 E1GN8MSD

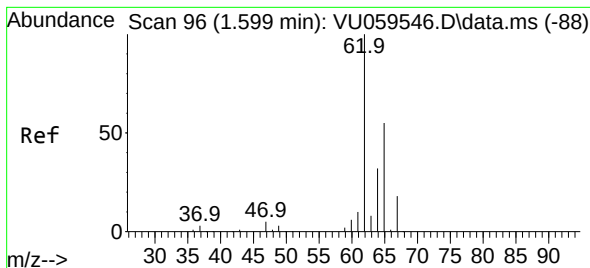
Tgt Ion: 85 Resp: 91532
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.4 38.2



#3
 Chloromethane
 Concen: 39.025 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU059554.D
 Acq: 27 Jun 2024 11:40

Tgt Ion: 50 Resp: 96022
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.2 43.2





#5

Vinyl chloride

Concen: 43.633 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU059554.D

Acq: 27 Jun 2024 11:40

Instrument :

MSVOA_U

ClientSampleId :

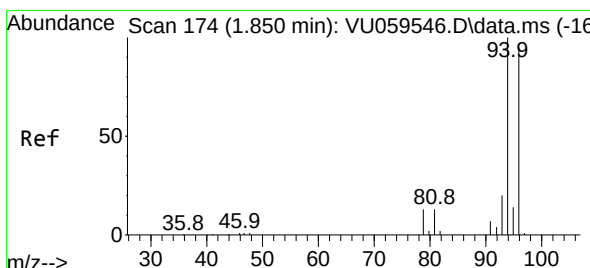
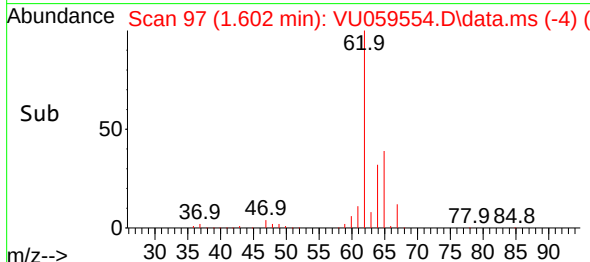
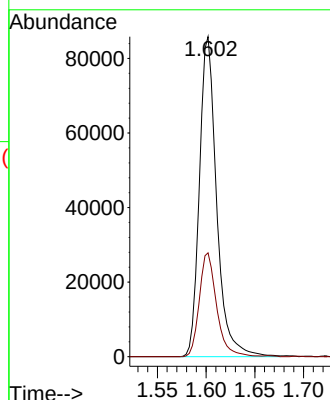
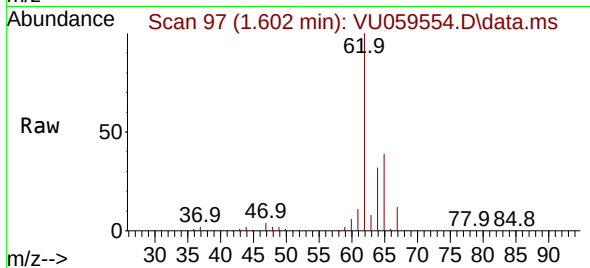
E1GN8MSD

Tgt Ion: 62 Resp: 105496

Ion Ratio Lower Upper

62 100

64 32.4 22.5 41.7



#6

Bromomethane

Concen: 37.442 ug/L

RT: 1.850 min Scan# 174

Delta R.T. -0.000 min

Lab File: VU059554.D

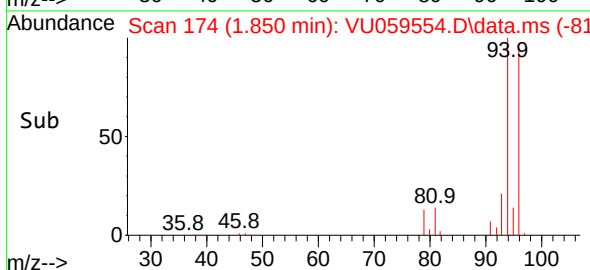
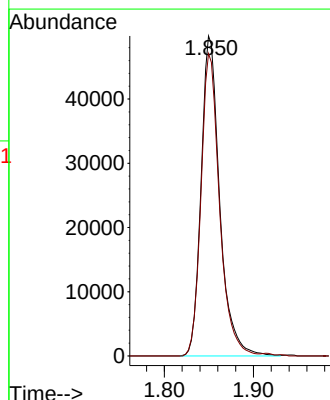
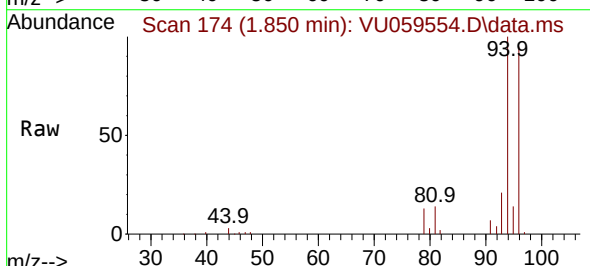
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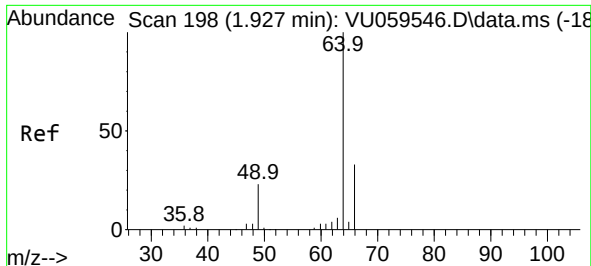
Tgt Ion: 94 Resp: 72424

Ion Ratio Lower Upper

94 100

96 94.5 67.1 124.7

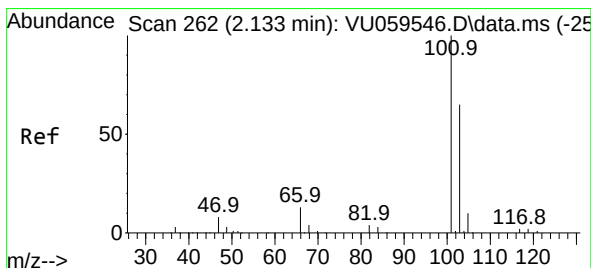
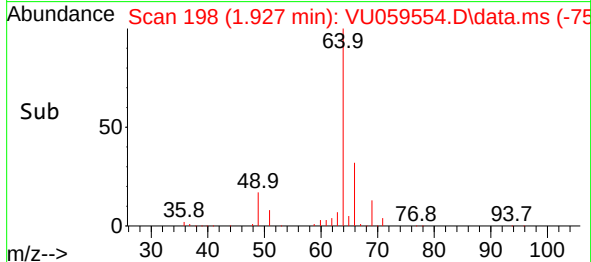
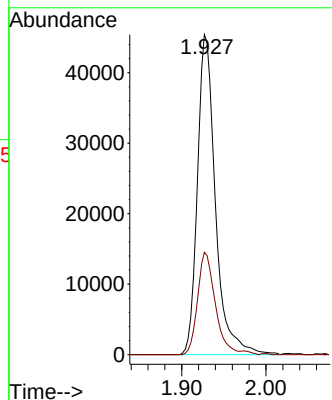
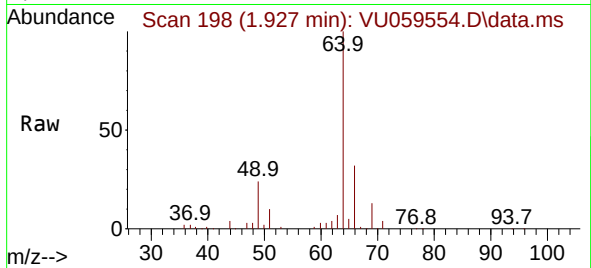




#8
Chloroethane
Concen: 44.825 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

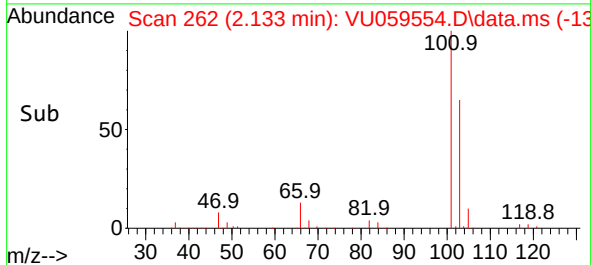
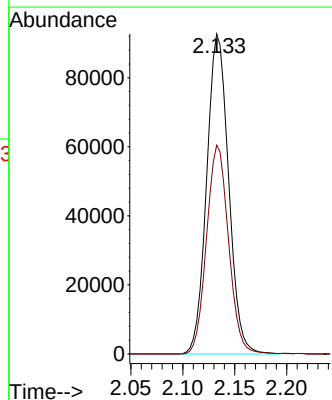
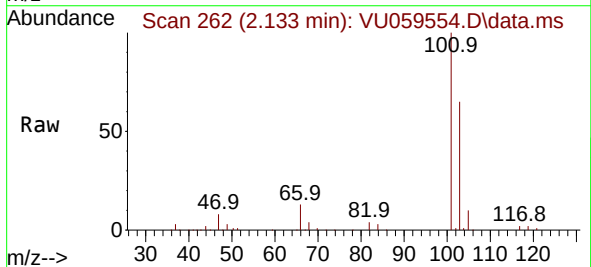
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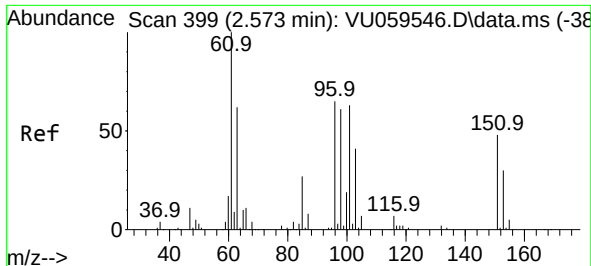
Tgt Ion: 64 Resp: 67584
Ion Ratio Lower Upper
64 100
66 32.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 48.330 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

Tgt Ion:101 Resp: 135978
Ion Ratio Lower Upper
101 100
103 65.5 51.8 77.6

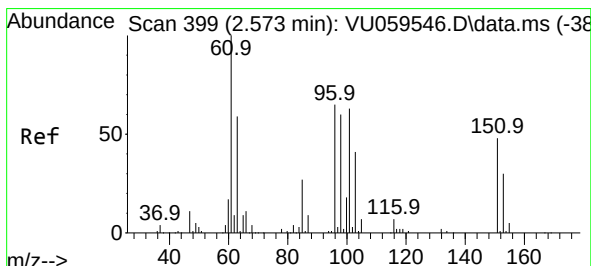
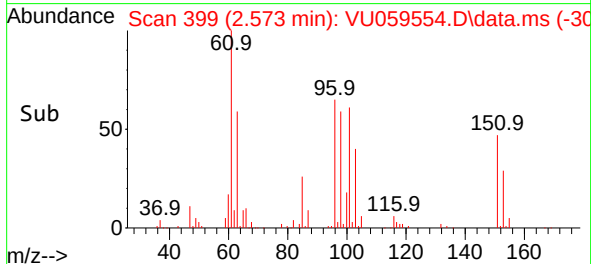
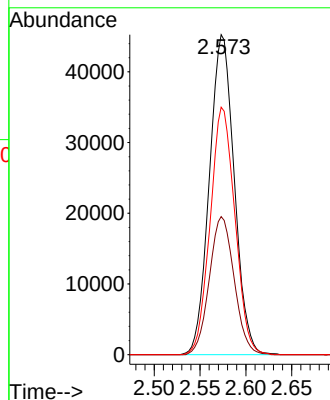
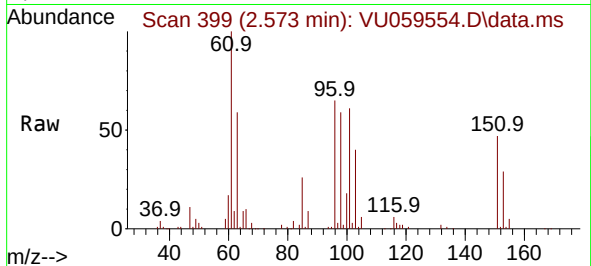




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.142 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

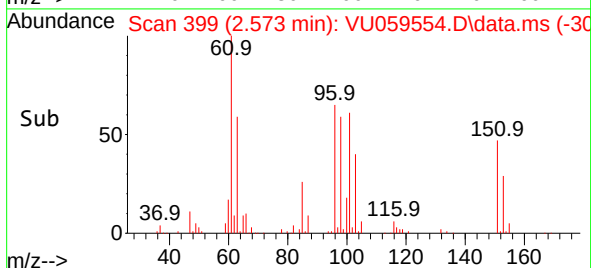
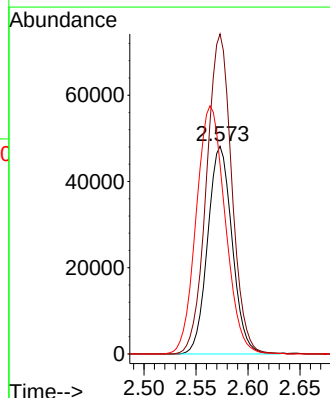
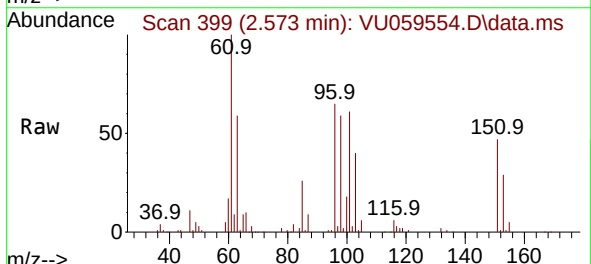
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ClientSampleId :
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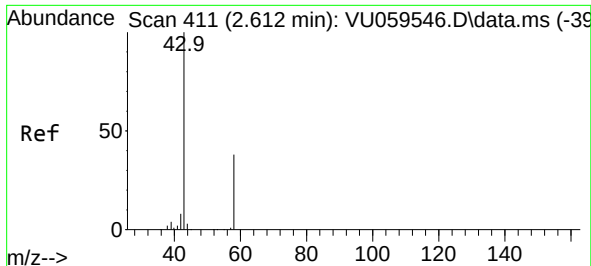
Tgt Ion:101 Resp: 85354
Ion Ratio Lower Upper
101 100
85 43.0 36.7 55.1
151 77.1 52.2 78.2



#12
1,1-Dichloroethene
Concen: 53.074 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

Tgt Ion: 96 Resp: 78800
Ion Ratio Lower Upper
96 100
61 154.0 126.3 234.6
63 91.2 78.7 146.1





#13

Acetone

Concen: 63.034 ug/L

RT: 2.615 min Scan# 411

Delta R.T. -0.000 min

Lab File: VU059554.D

Acq: 27 Jun 2024 11:40

Instrument :

MSVOA_U

ClientSampleId :

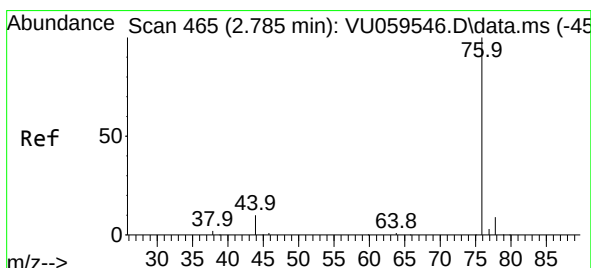
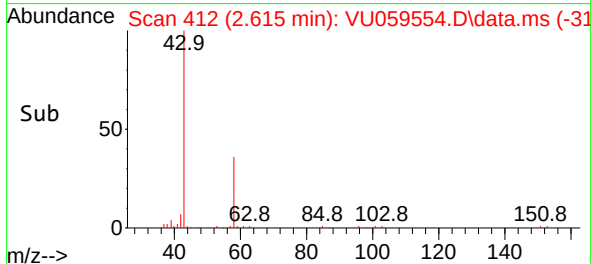
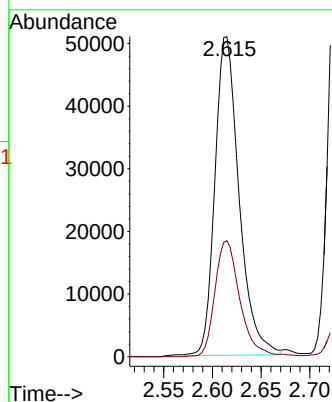
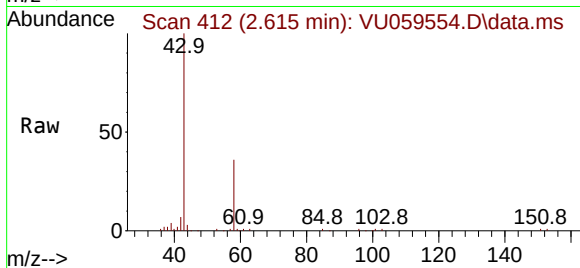
E1GN8MSD

Tgt Ion: 43 Resp: 87859

Ion Ratio Lower Upper

43 100

58 36.6 0.0 68.8



#14

Carbon disulfide

Concen: 44.521 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU059554.D

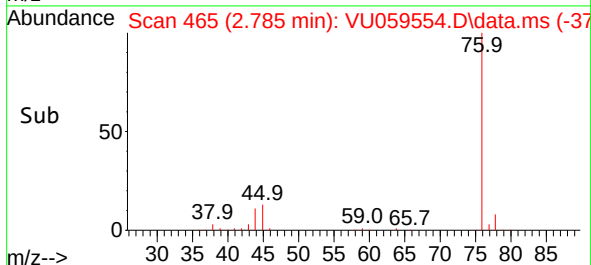
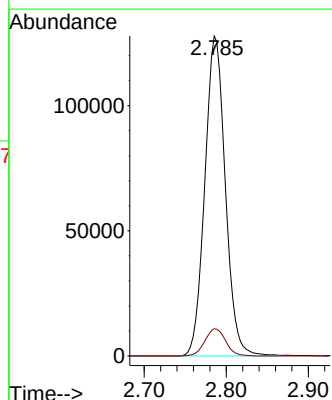
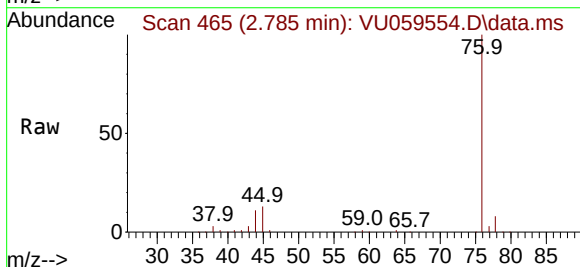
Acq: 27 Jun 2024 11:40

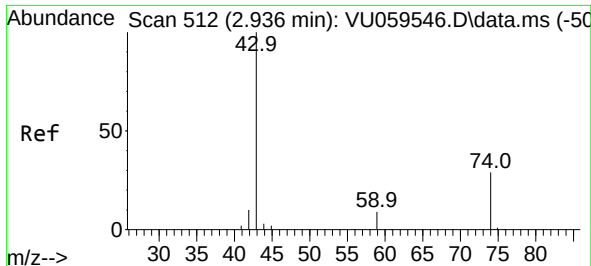
Tgt Ion: 76 Resp: 222617

Ion Ratio Lower Upper

76 100

78 8.5 7.2 10.8

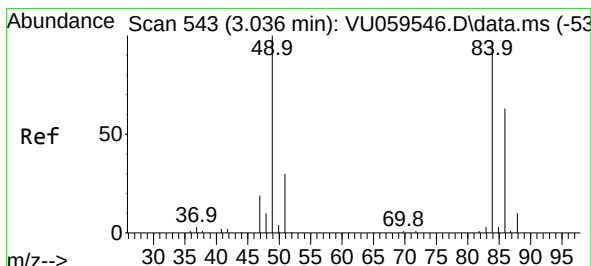
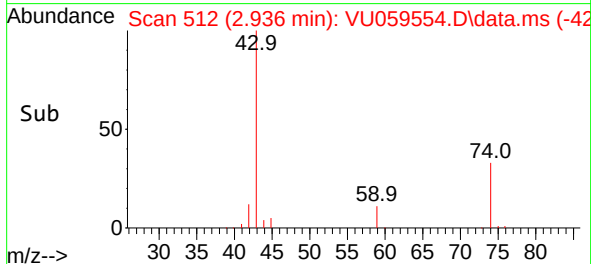
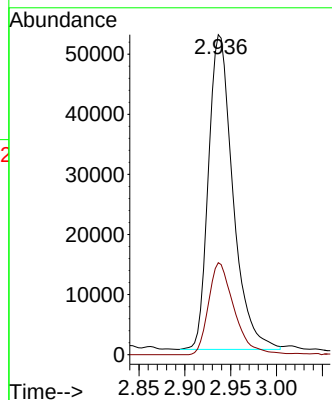
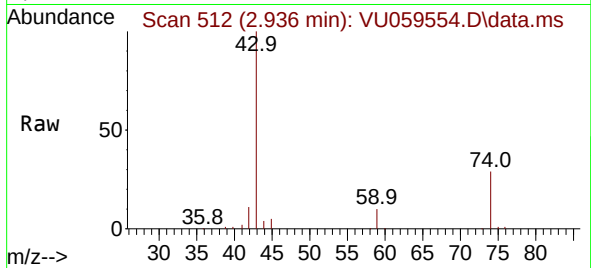




#15
Methyl Acetate
Concen: 44.019 ug/L
RT: 2.936 min Scan# 512
Delta R.T. -0.003 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

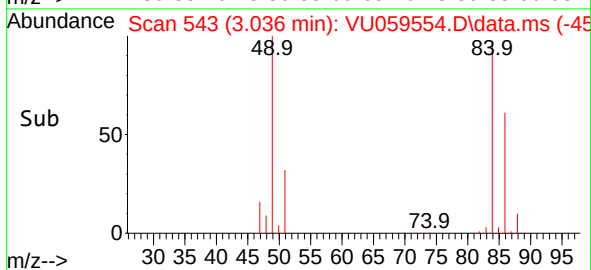
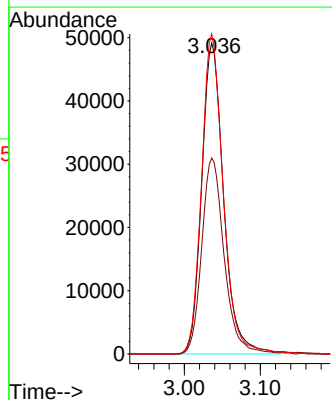
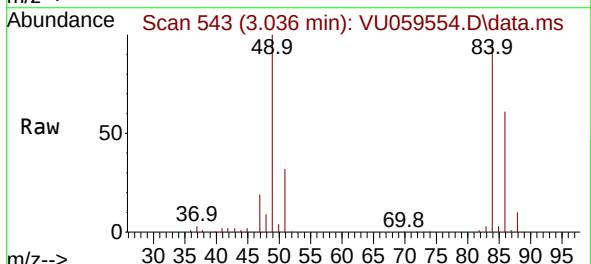
Instrument :
MSVOA_U
ClientSampleId :
E1GN8MSD

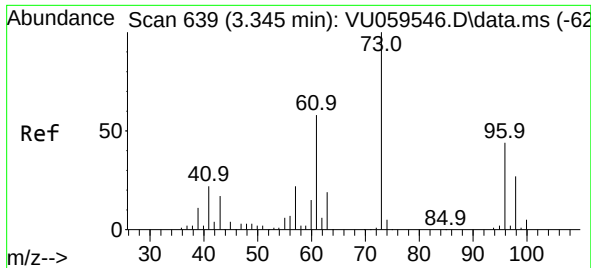
Tgt Ion: 43 Resp: 97189
Ion Ratio Lower Upper
43 100
74 30.6 20.8 31.2



#16
Methylene chloride
Concen: 48.958 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

Tgt Ion: 84 Resp: 98353
Ion Ratio Lower Upper
84 100
86 63.0 44.9 83.3
49 102.9 87.5 162.5

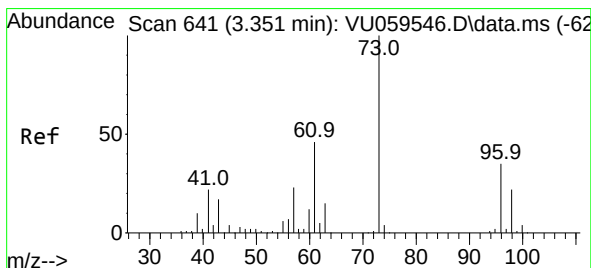
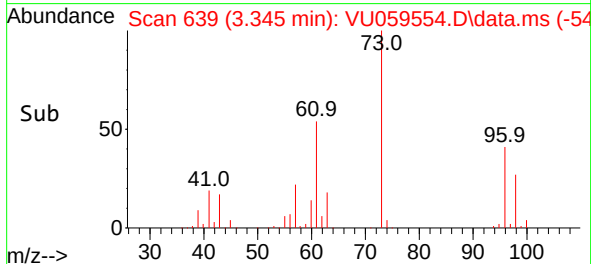
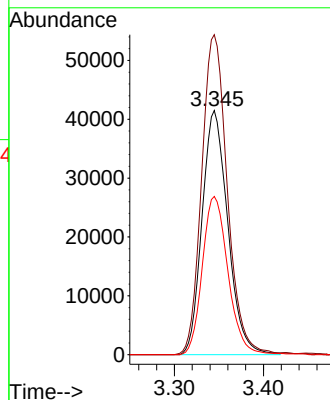
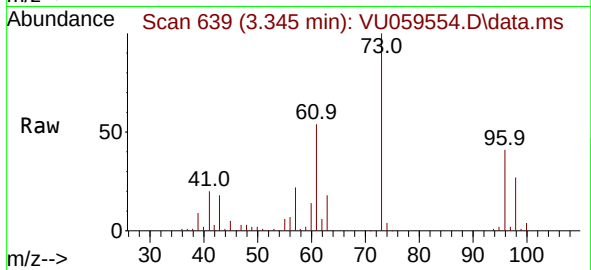




#17
trans-1,2-Dichloroethene
Concen: 51.935 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

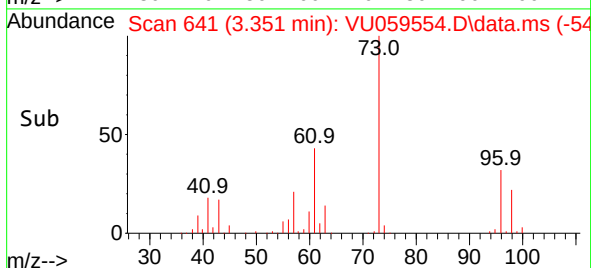
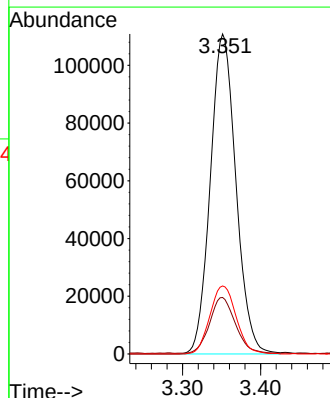
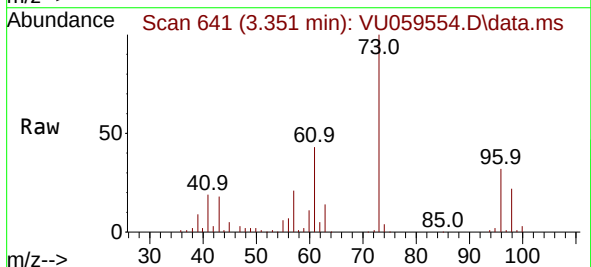
Instrument :
MSVOA_U
ClientSampleId :
E1GN8MSD

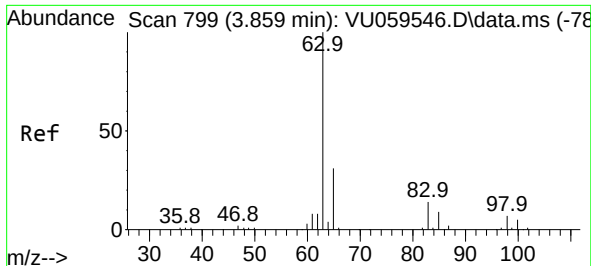
Tgt Ion: 96 Resp: 83225
Ion Ratio Lower Upper
96 100
61 131.1 103.5 192.3
98 64.8 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 48.616 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

Tgt Ion: 73 Resp: 253065
Ion Ratio Lower Upper
73 100
43 17.6 15.6 23.4
57 21.8 18.6 28.0

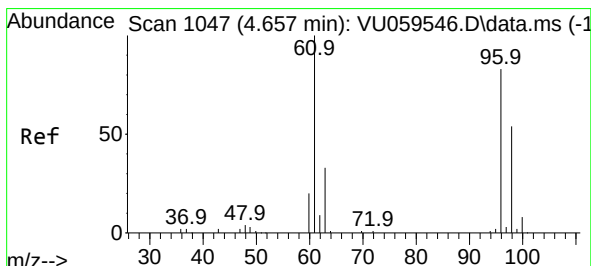
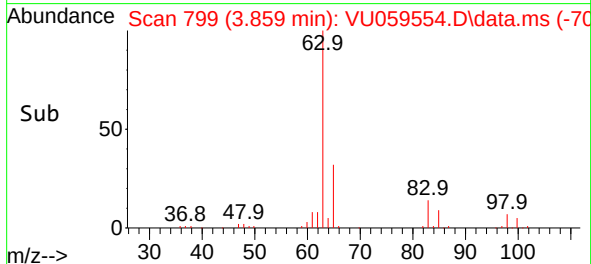
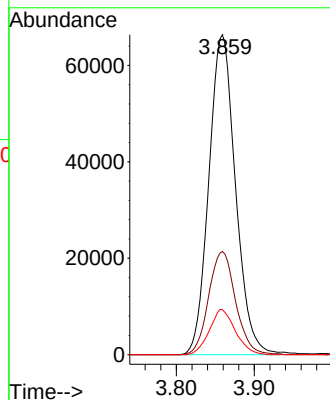
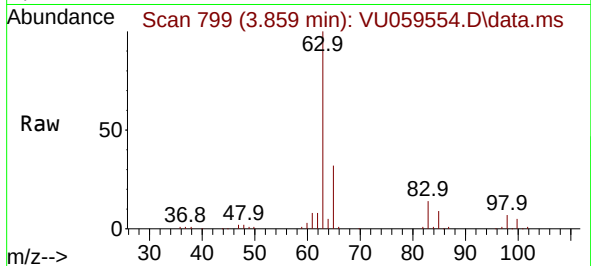




#19
1,1-Dichloroethane
Concen: 45.959 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

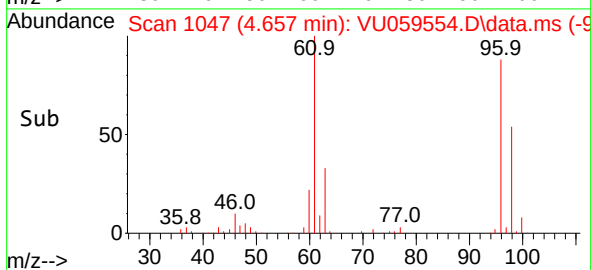
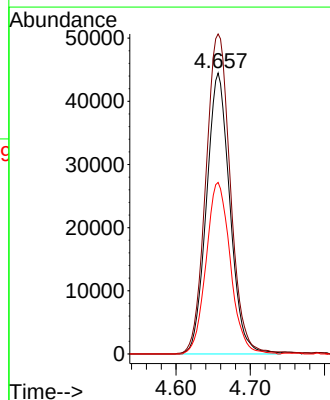
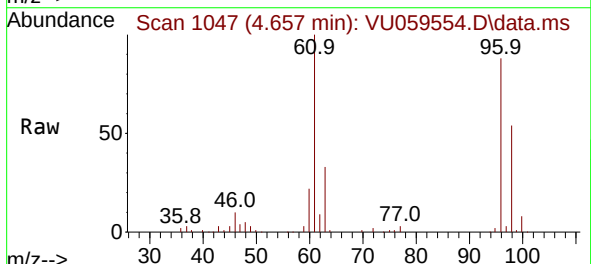
Instrument :
MSVOA_U
ClientSampleId :
E1GN8MSD

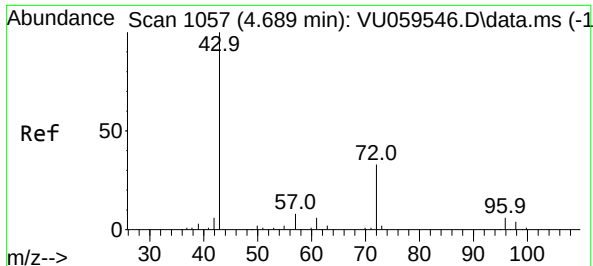
Tgt Ion: 63 Resp: 157864
Ion Ratio Lower Upper
63 100
65 32.2 21.3 39.5
83 14.1 8.8 16.3



#20
cis-1,2-Dichloroethene
Concen: 53.310 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

Tgt Ion: 96 Resp: 97349
Ion Ratio Lower Upper
96 100
61 113.9 96.2 178.6
98 61.1 45.6 84.6

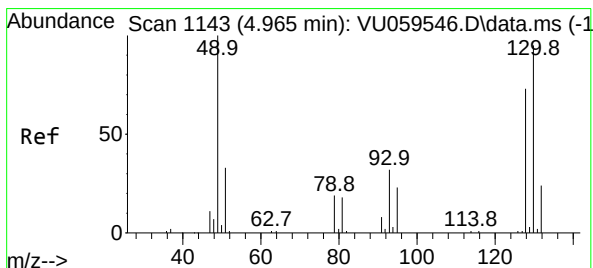
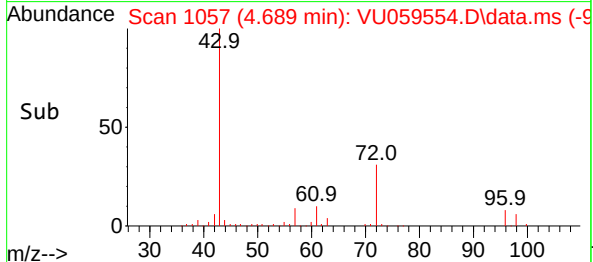
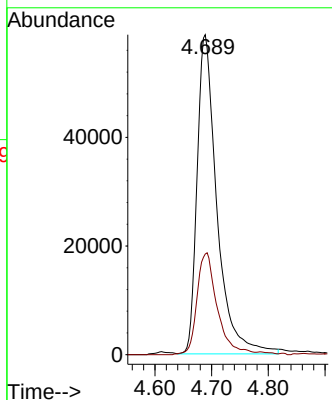
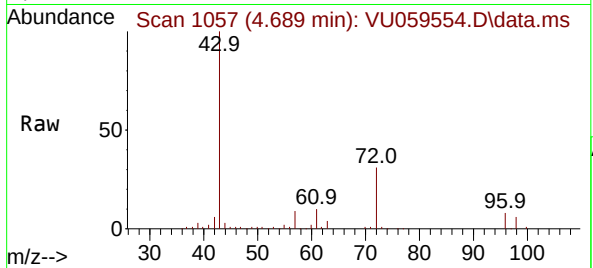




#22
2-Butanone
Concen: 84.610 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

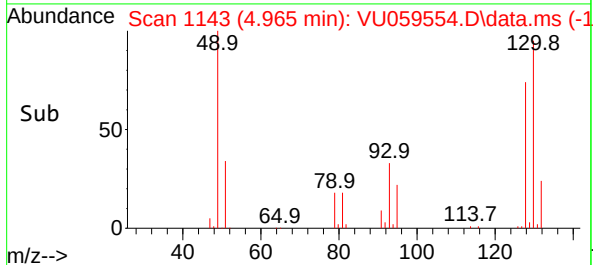
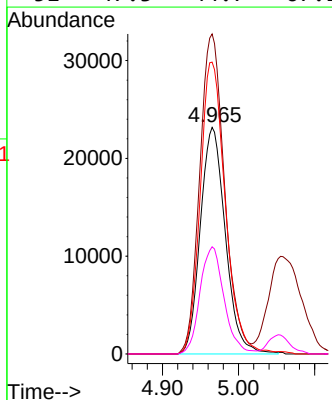
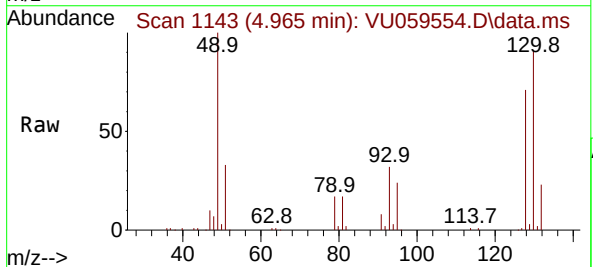
Instrument :
MSVOA_U
ClientSampleId :
E1GN8MSD

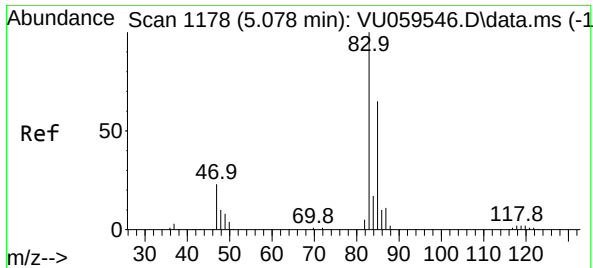
Tgt Ion: 43 Resp: 142779
Ion Ratio Lower Upper
43 100
72 31.9 14.2 42.8



#23
Bromochloromethane
Concen: 57.169 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

Tgt Ion:128 Resp: 52880
Ion Ratio Lower Upper
128 100
49 141.2 128.4 238.4
130 128.8 86.9 161.3
51 47.3 44.7 67.1

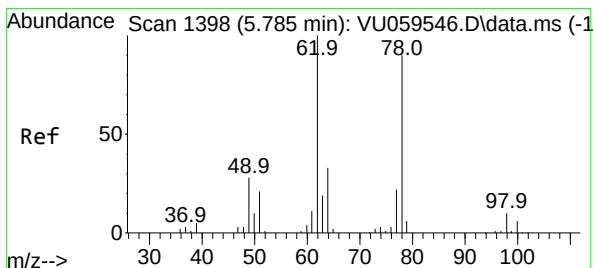
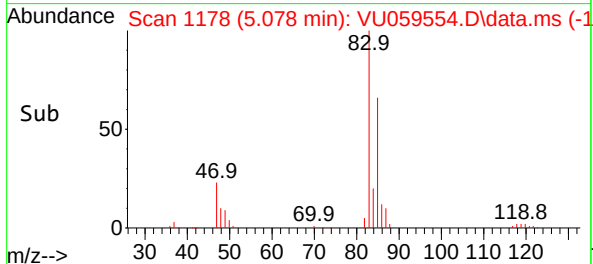
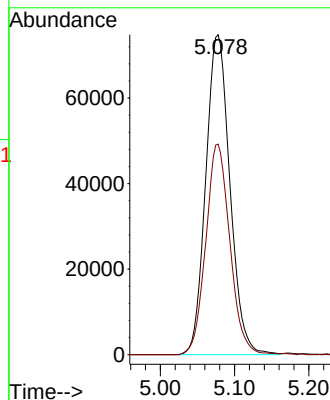
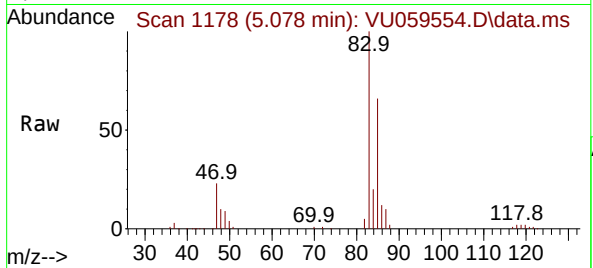




#25
Chloroform
Concen: 50.886 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

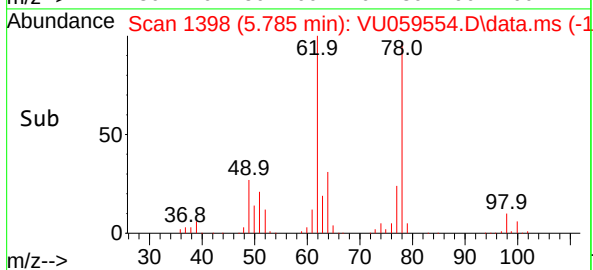
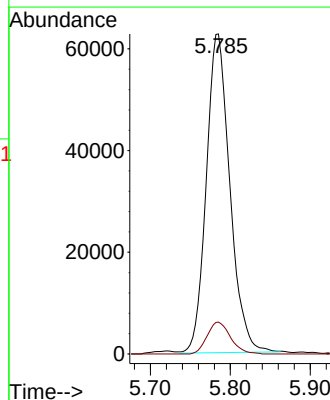
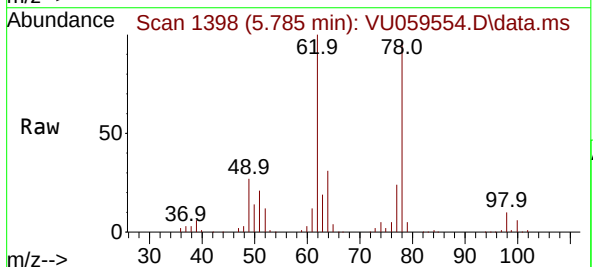
Instrument :
MSVOA_U
ClientSampleId :
E1GN8MSD

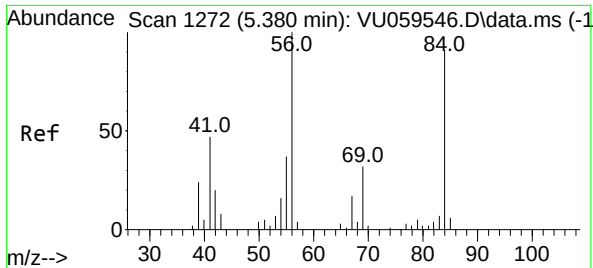
Tgt Ion: 83 Resp: 169245
Ion Ratio Lower Upper
83 100
85 65.8 46.1 85.7



#27
1,2-Dichloroethane
Concen: 45.831 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

Tgt Ion: 62 Resp: 128771
Ion Ratio Lower Upper
62 100
98 9.9 6.9 10.3





#29

Cyclohexane

Concen: 41.400 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VU059554.D

Acq: 27 Jun 2024 11:40

Instrument :

MSVOA_U

ClientSampleId :

E1GN8MSD

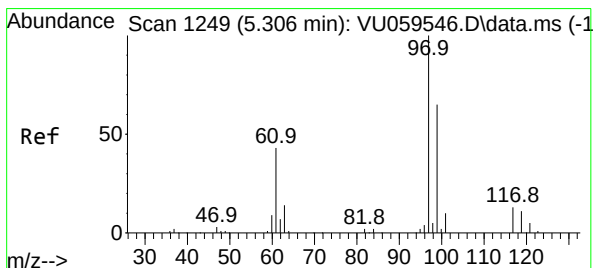
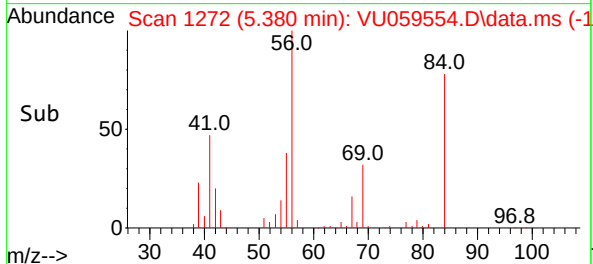
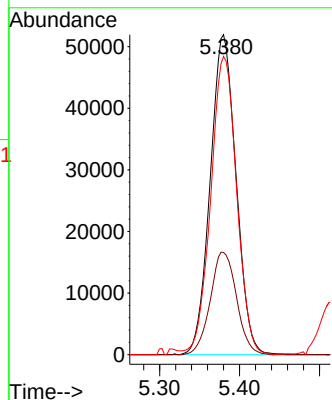
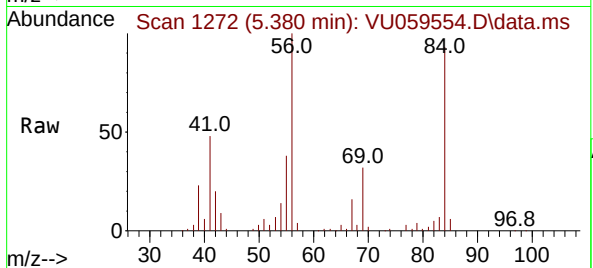
Tgt Ion: 56 Resp: 116601

Ion Ratio Lower Upper

56 100

69 32.5 24.6 37.0

84 93.4 67.4 101.0



#30

1,1,1-Trichloroethane

Concen: 49.350 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.003 min

Lab File: VU059554.D

Acq: 27 Jun 2024 11:40

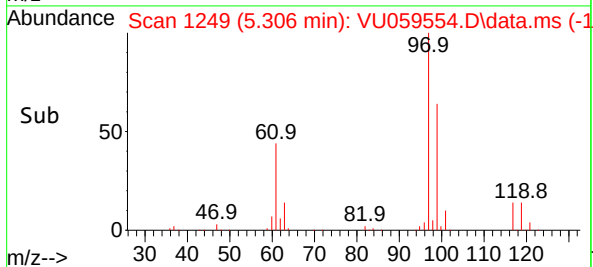
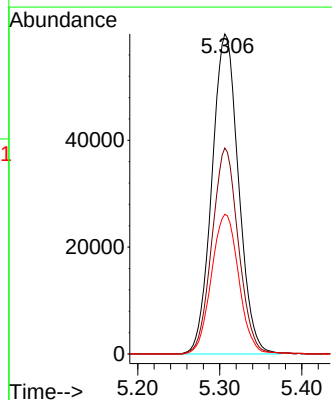
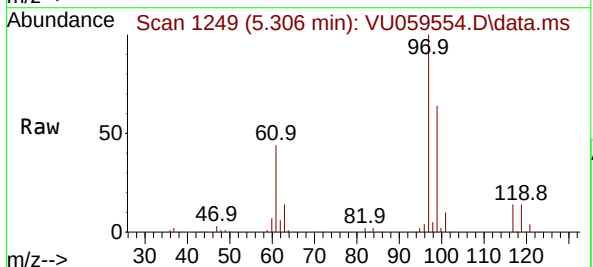
Tgt Ion: 97 Resp: 135364

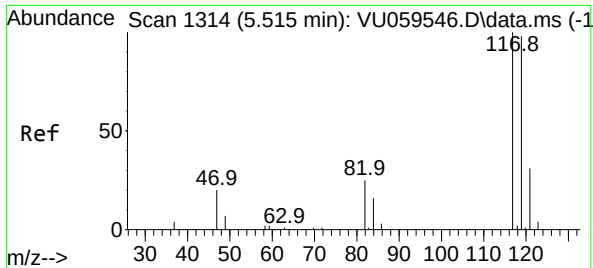
Ion Ratio Lower Upper

97 100

99 64.0 51.6 77.4

61 44.8 39.1 58.7

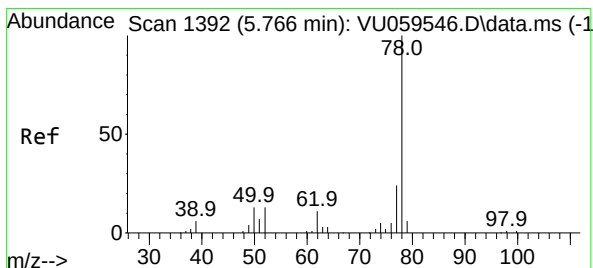
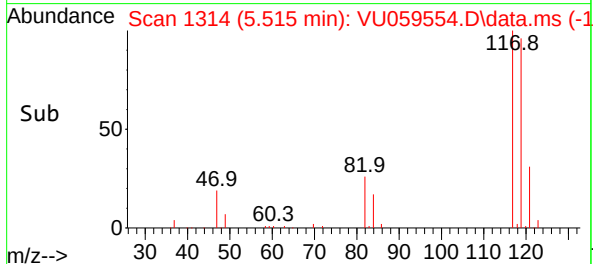
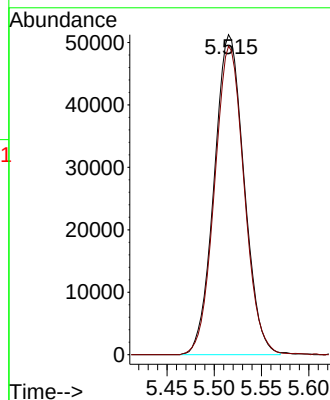
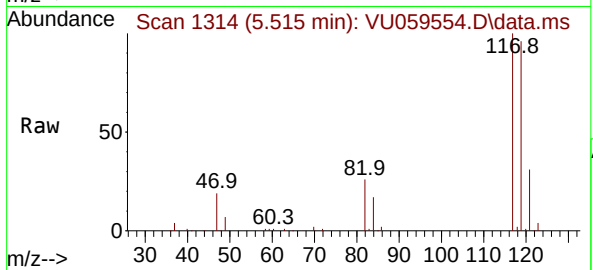




#31
Carbon tetrachloride
Concen: 50.590 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

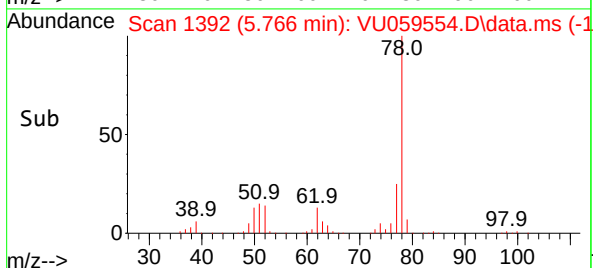
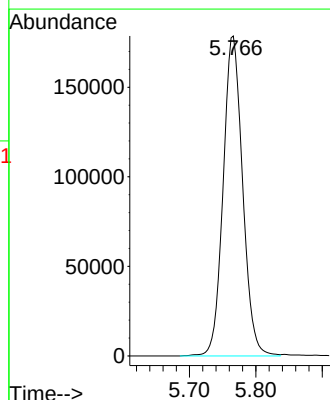
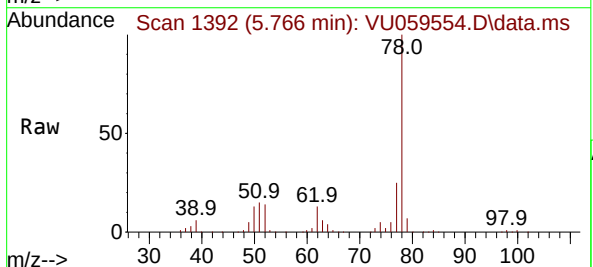
Instrument :
MSVOA_U
ClientSampleId :
E1GN8MSD

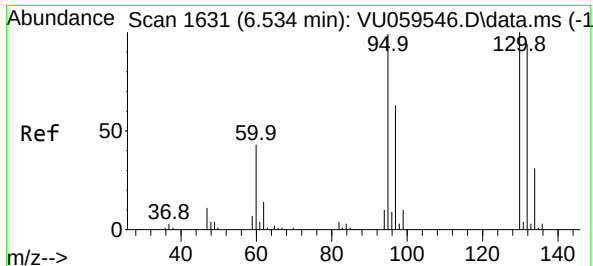
Tgt Ion:117 Resp: 112714
Ion Ratio Lower Upper
117 100
119 95.5 76.9 115.3



#33
Benzene
Concen: 47.763 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

Tgt Ion: 78 Resp: 363843

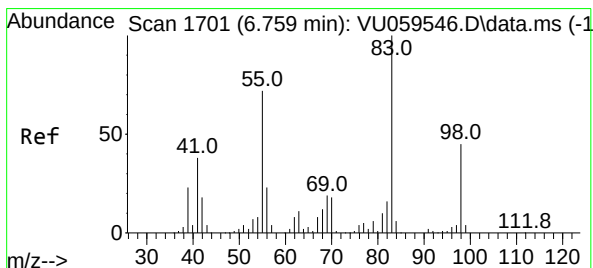
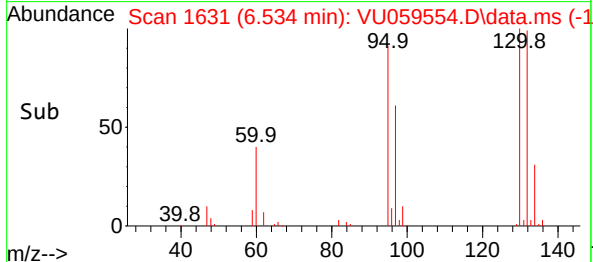
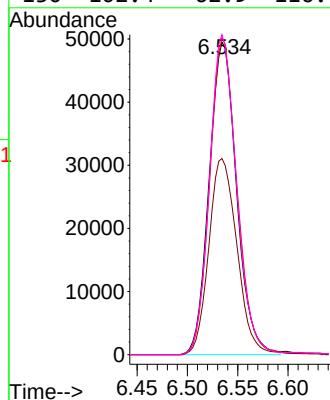
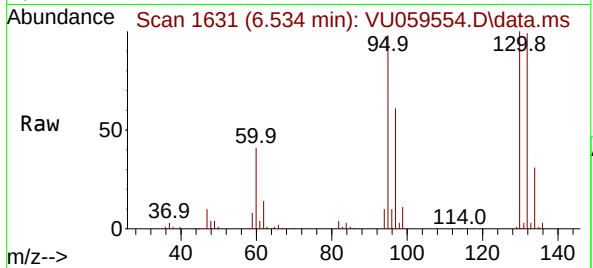




#34
Trichloroethene
Concen: 50.351 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

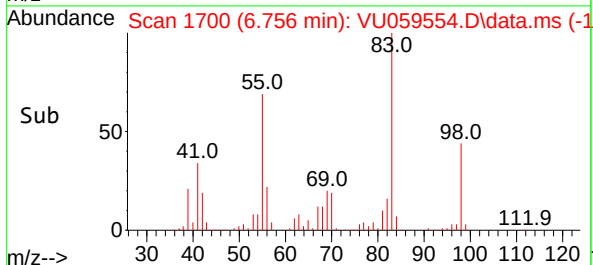
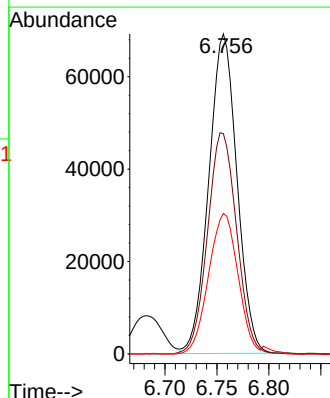
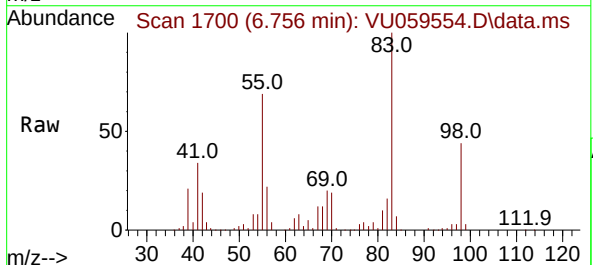
Instrument :
MSVOA_U
ClientSampleId :
E1GN8MSD

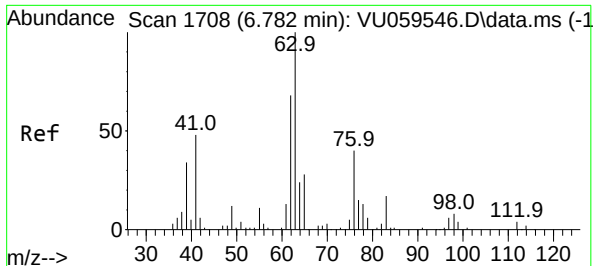
Tgt Ion:	95	Resp:	93918
Ion	Ratio	Lower	Upper
95	100		
97	62.8	45.2	84.0
132	101.4	60.6	112.6
130	102.4	62.9	116.7



#35
Methylcyclohexane
Concen: 47.570 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

Tgt Ion:	83	Resp:	130462
Ion	Ratio	Lower	Upper
83	100		
55	71.5	63.9	95.9
98	45.7	34.7	52.1

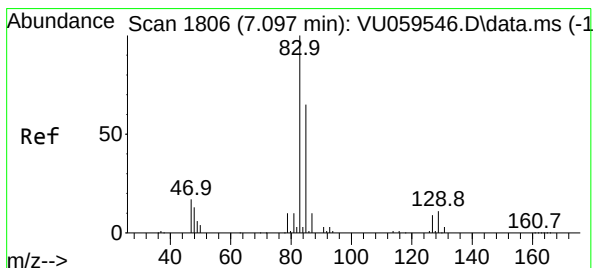
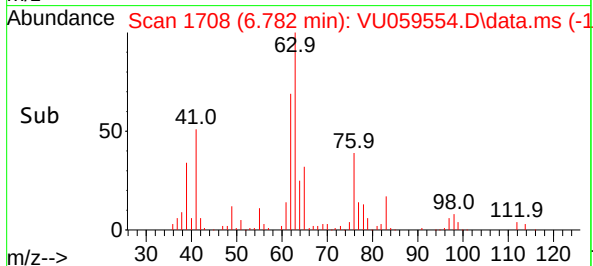
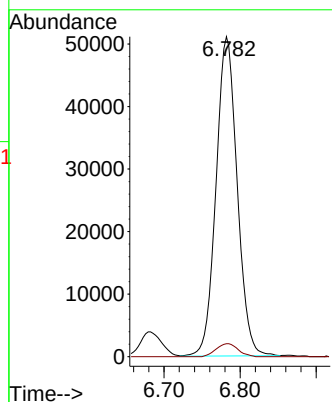
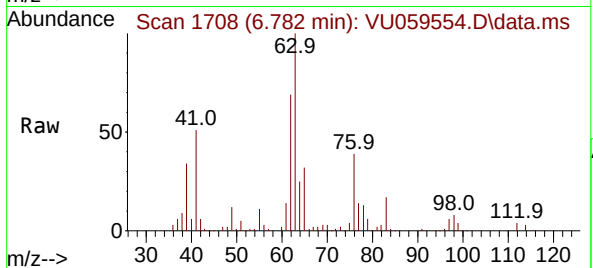




#37
1,2-Dichloropropane
Concen: 45.636 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

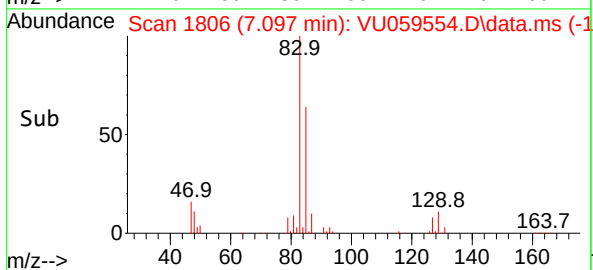
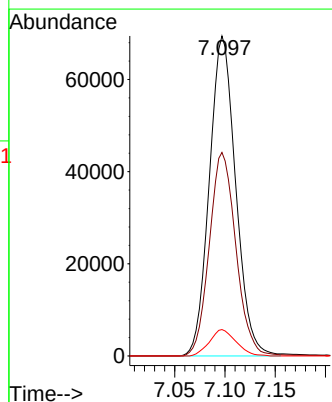
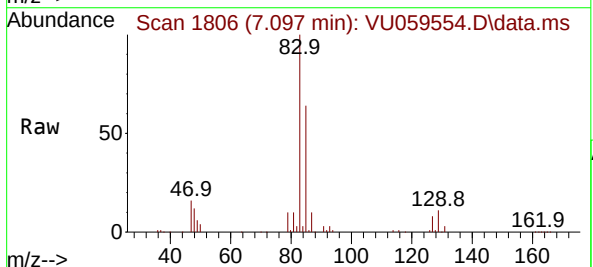
Instrument :
MSVOA_U
ClientSampleId :
E1GN8MSD

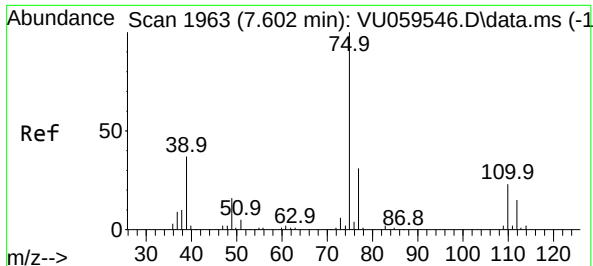
Tgt Ion: 63 Resp: 98717
Ion Ratio Lower Upper
63 100
112 4.2 2.6 4.0#



#38
Bromodichloromethane
Concen: 50.277 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

Tgt Ion: 83 Resp: 126681
Ion Ratio Lower Upper
83 100
85 63.6 44.0 81.6
127 8.3 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 49.230 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU059554.D

Acq: 27 Jun 2024 11:40

Instrument :

MSVOA_U

ClientSampleId :

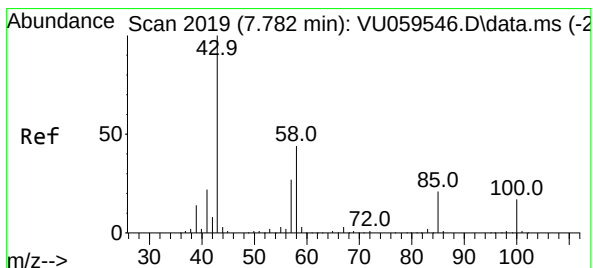
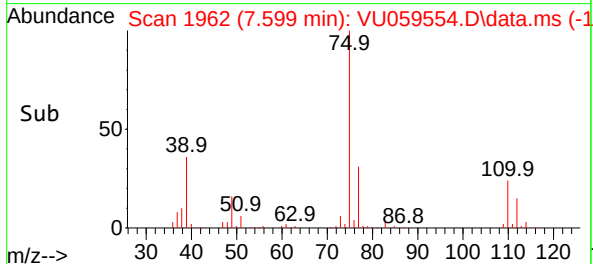
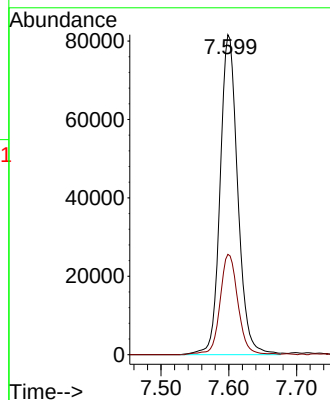
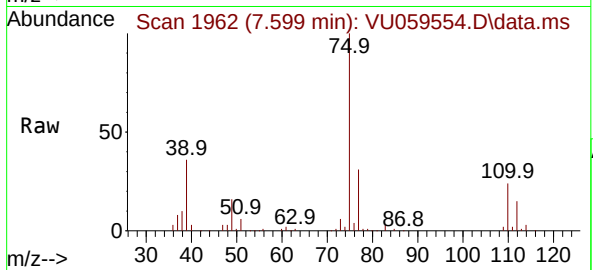
E1GN8MSD

Tgt Ion: 75 Resp: 147341

Ion Ratio Lower Upper

75 100

77 31.3 21.2 39.4



#40

4-Methyl-2-pentanone

Concen: 93.067 ug/L

RT: 7.779 min Scan# 2018

Delta R.T. -0.003 min

Lab File: VU059554.D

Acq: 27 Jun 2024 11:40

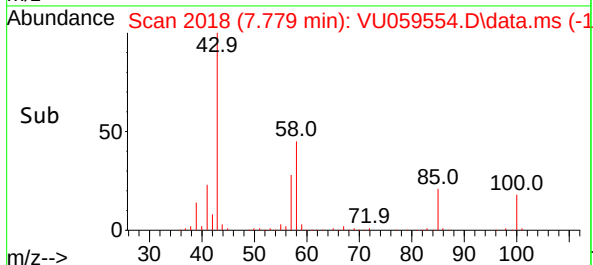
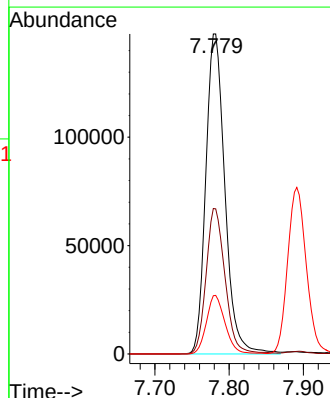
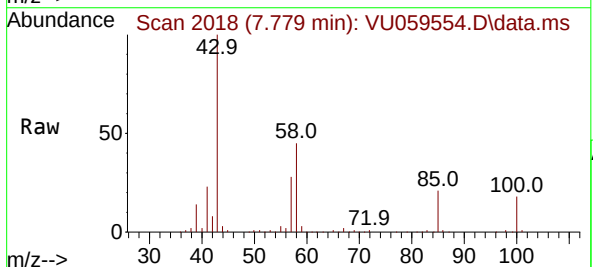
Tgt Ion: 43 Resp: 263923

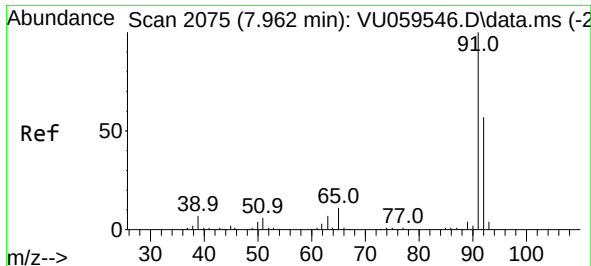
Ion Ratio Lower Upper

43 100

58 44.9 33.7 50.5

100 17.9 11.4 17.0





#42

Toluene

Concen: 51.970 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.003 min

Lab File: VU059554.D

Acq: 27 Jun 2024 11:40

Instrument :

MSVOA_U

ClientSampleId :

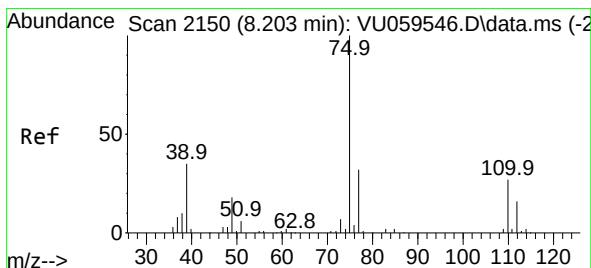
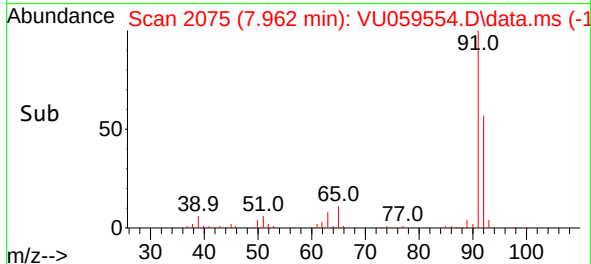
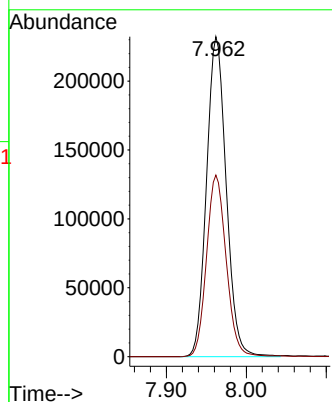
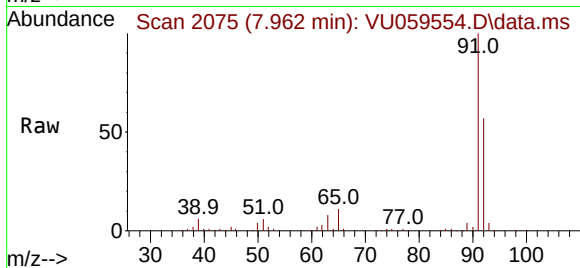
E1GN8MSD

Tgt Ion: 91 Resp: 397392

Ion Ratio Lower Upper

91 100

92 56.8 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 50.637 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU059554.D

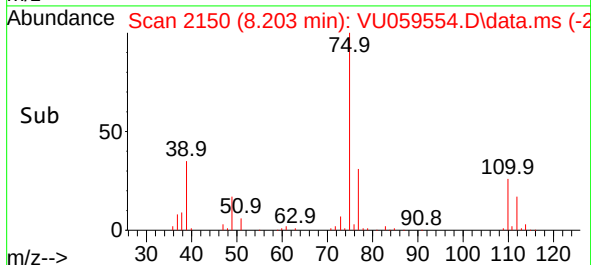
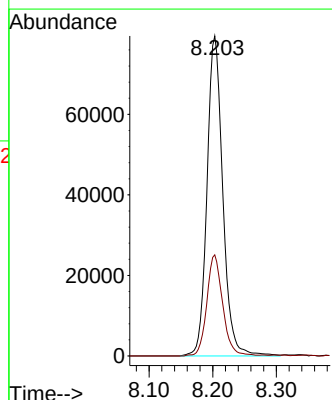
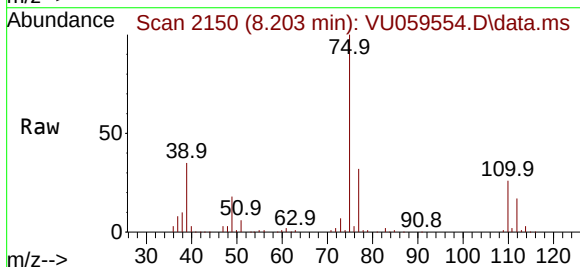
Acq: 27 Jun 2024 11:40

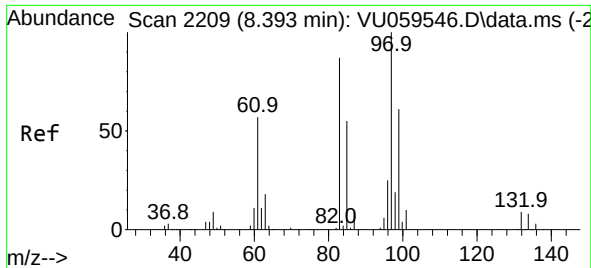
Tgt Ion: 75 Resp: 137202

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8



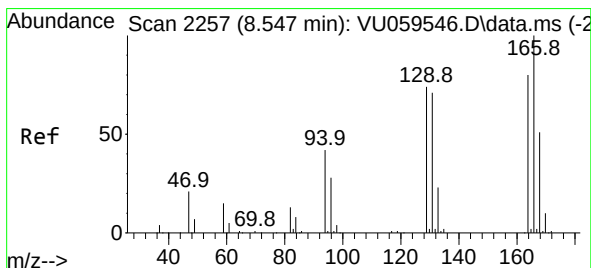
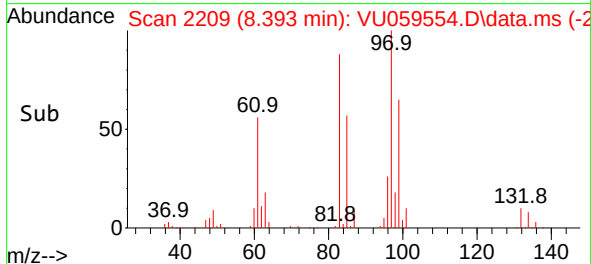
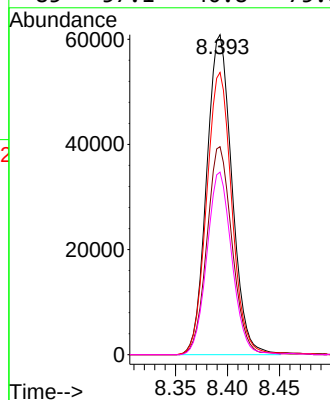
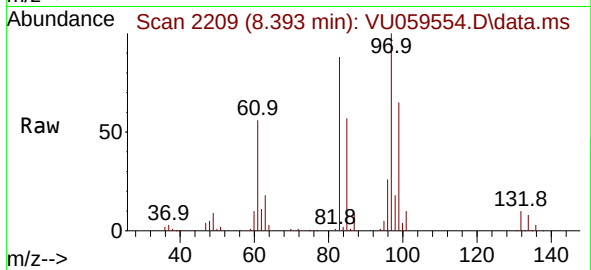


#45
1,1,2-Trichloroethane
Concen: 53.143 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

Instrument :
MSVOA_U
ClientSampleId :
E1GN8MSD

Tgt Ion: 97 Resp: 103357

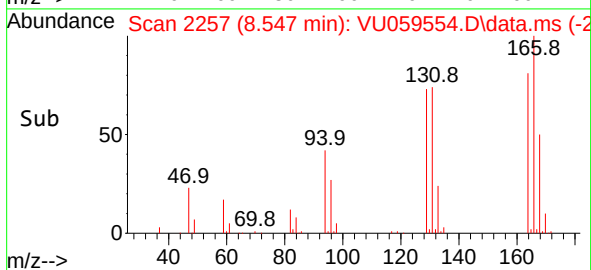
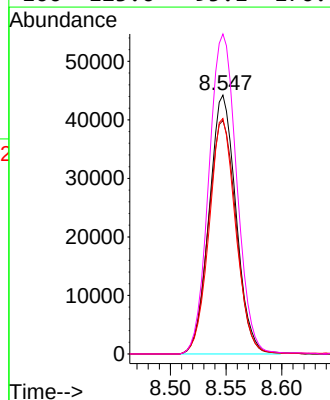
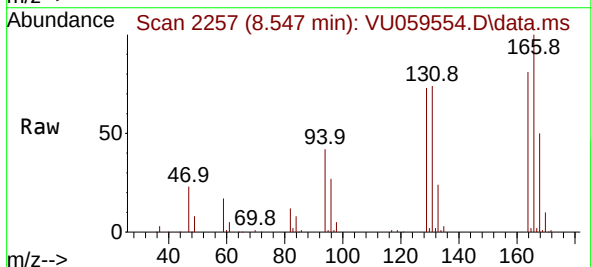
Ion	Ratio	Lower	Upper
97	100		
99	65.0	44.0	81.6
83	88.2	63.6	118.2
85	57.1	40.8	75.8

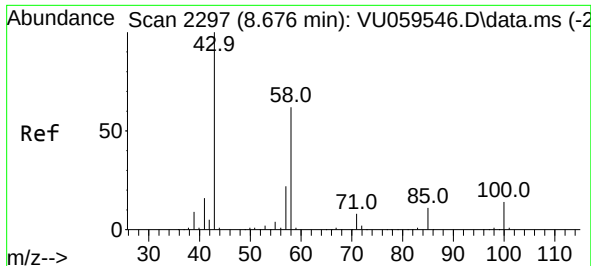


#46
Tetrachloroethene
Concen: 59.709 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

Tgt Ion: 164 Resp: 74184

Ion	Ratio	Lower	Upper
164	100		
129	90.1	74.5	138.5
131	90.9	70.6	131.0
166	123.6	95.1	176.7

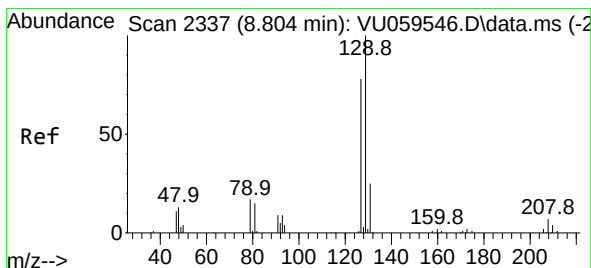
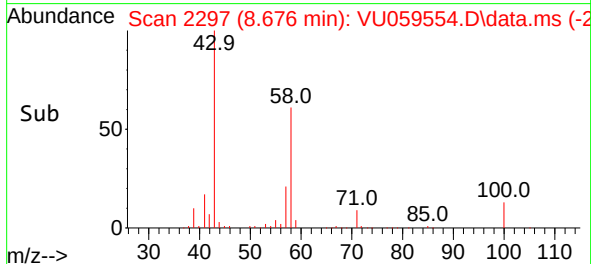
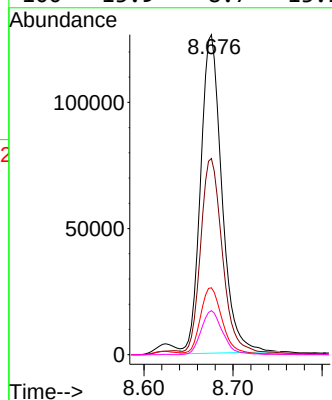
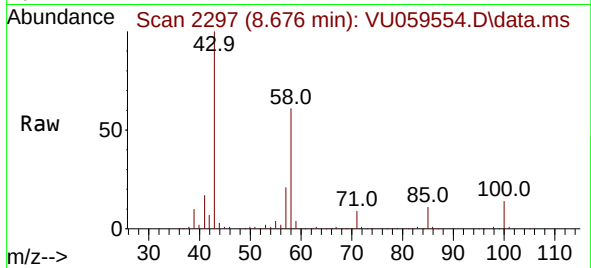




#48
2-Hexanone
Concen: 87.679 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

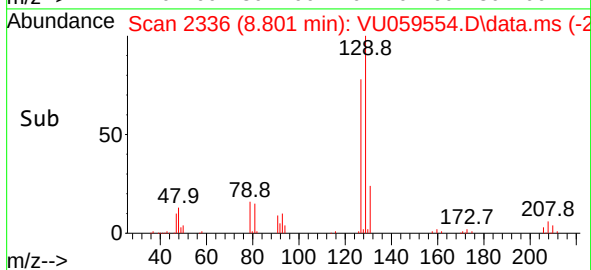
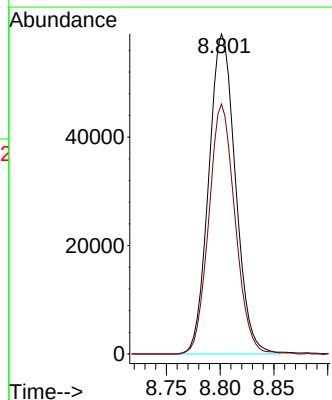
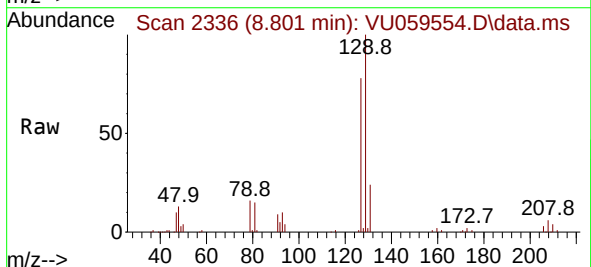
Instrument :
MSVOA_U
ClientSampleId :
E1GN8MSD

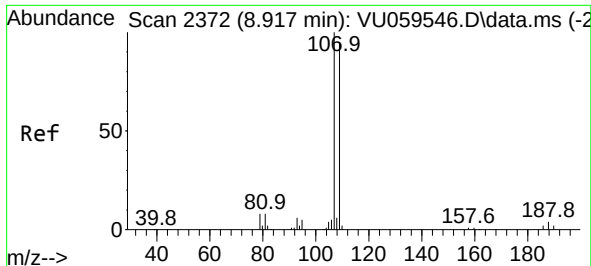
Tgt Ion: 43 Resp: 209706
Ion Ratio Lower Upper
43 100
58 63.1 45.9 68.9
57 21.6 16.3 24.5
100 13.9 8.7 13.1#



#49
Dibromochloromethane
Concen: 58.096 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

Tgt Ion:129 Resp: 102112
Ion Ratio Lower Upper
129 100
127 78.1 53.3 98.9

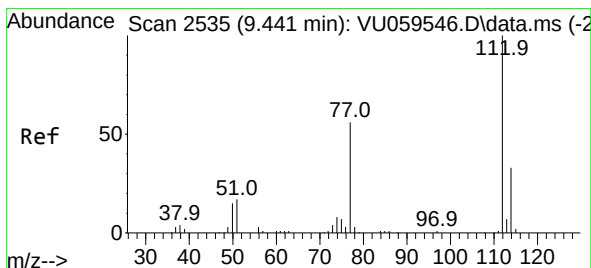
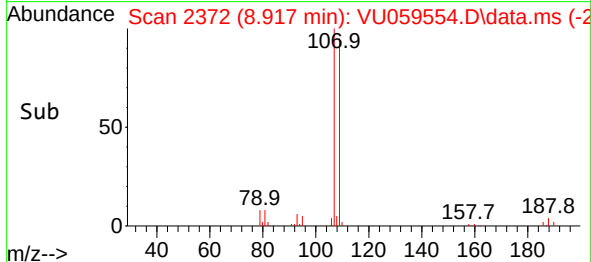
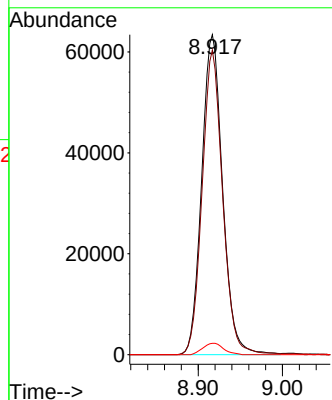
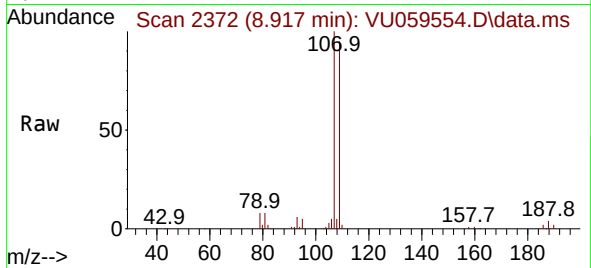




#50
1,2-Dibromoethane
Concen: 54.691 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

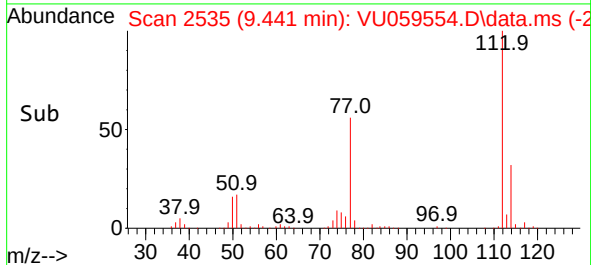
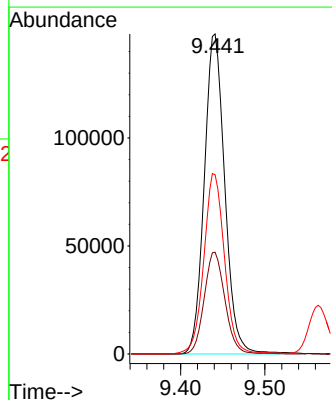
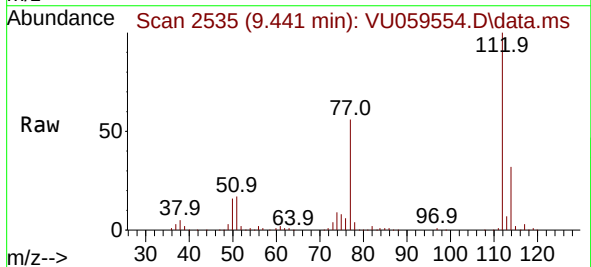
Instrument :
MSVOA_U
ClientSampleId :
E1GN8MSD

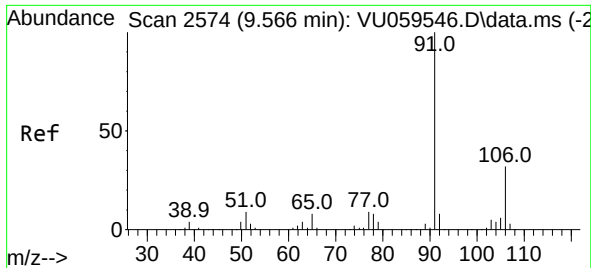
Tgt Ion:107 Resp: 109722
Ion Ratio Lower Upper
107 100
109 95.2 67.8 125.8
188 3.6 2.5 3.7



#51
Chlorobenzene
Concen: 54.419 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

Tgt Ion:112 Resp: 251147
Ion Ratio Lower Upper
112 100
114 31.8 22.1 41.1
77 56.1 49.8 74.6

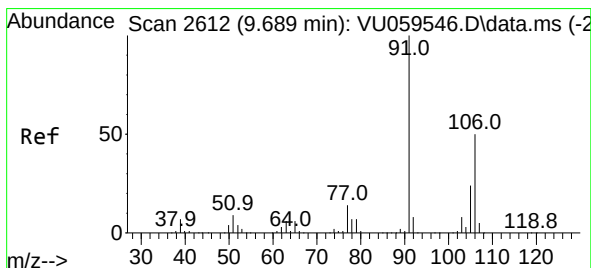
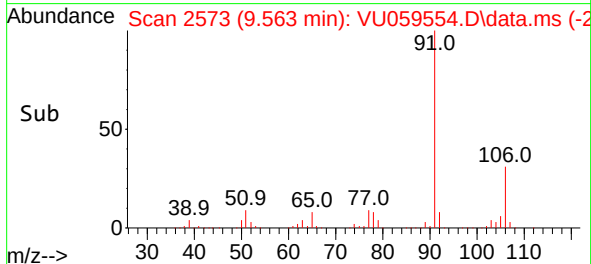
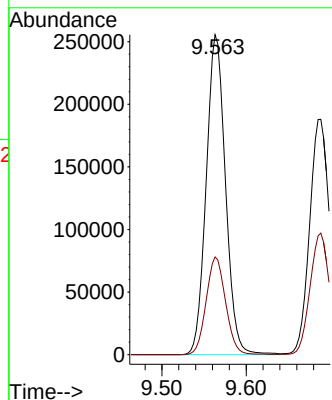
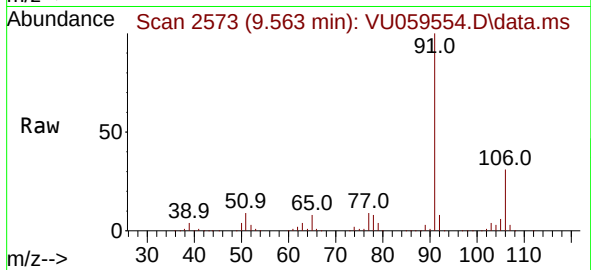




#52
Ethylbenzene
Concen: 51.652 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

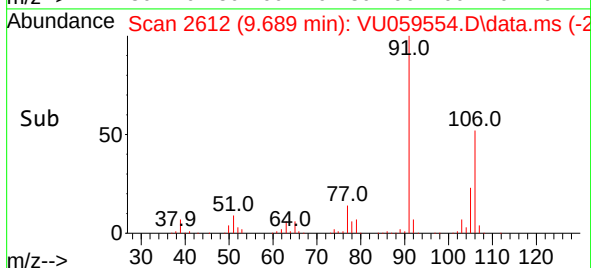
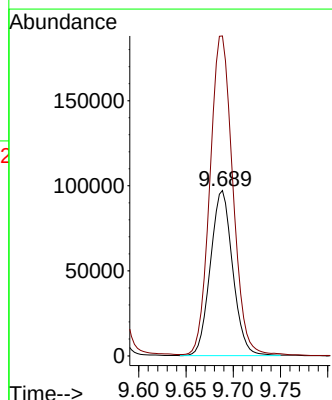
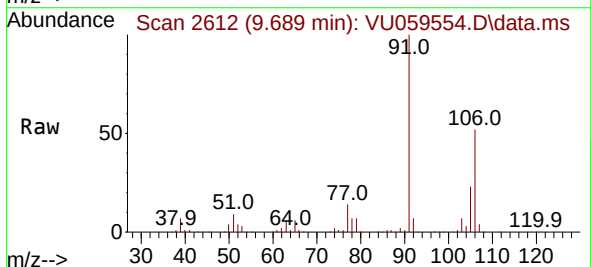
Instrument :
MSVOA_U
ClientSampleId :
E1GN8MSD

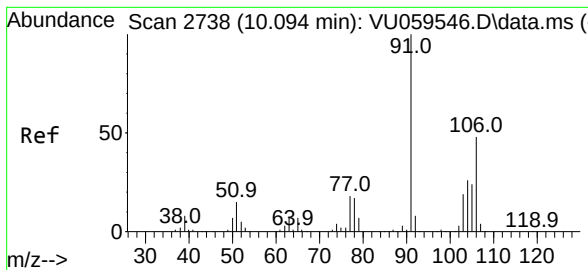
Tgt Ion: 91 Resp: 407179
Ion Ratio Lower Upper
91 100
106 30.6 21.0 39.0



#53
m,p-Xylene
Concen: 54.835 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

Tgt Ion:106 Resp: 158869
Ion Ratio Lower Upper
106 100
91 193.4 146.4 272.0





#54

o-Xylene

Concen: 55.105 ug/L

RT: 10.094 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU059554.D

Acq: 27 Jun 2024 11:40

Instrument :

MSVOA_U

ClientSampleId :

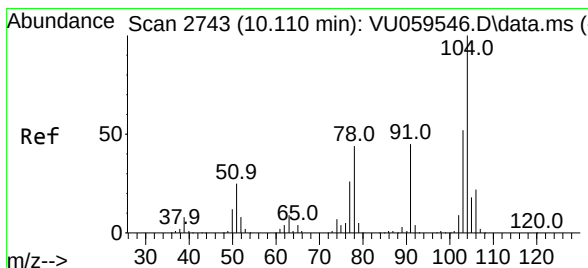
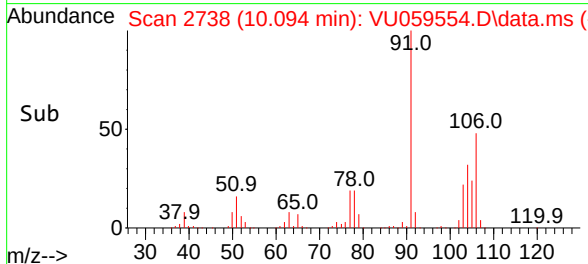
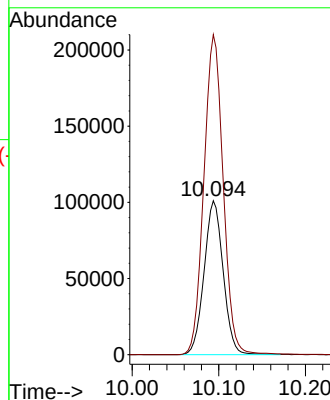
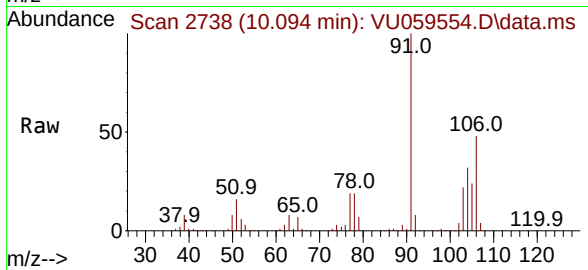
E1GN8MSD

Tgt Ion:106 Resp: 154725

Ion Ratio Lower Upper

106 100

91 207.8 156.7 290.9



#55

Styrene

Concen: 57.556 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. -0.003 min

Lab File: VU059554.D

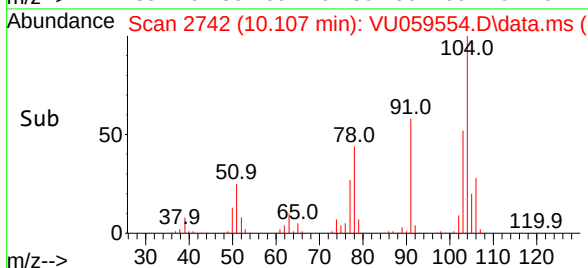
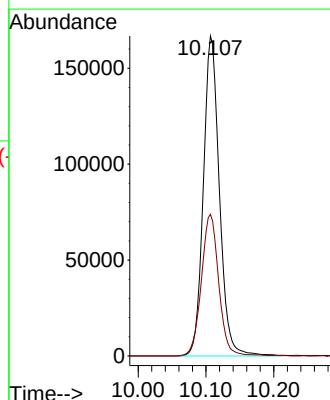
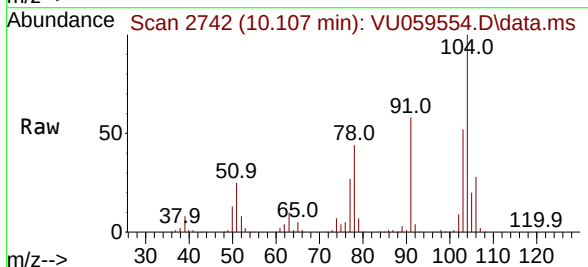
Acq: 27 Jun 2024 11:40

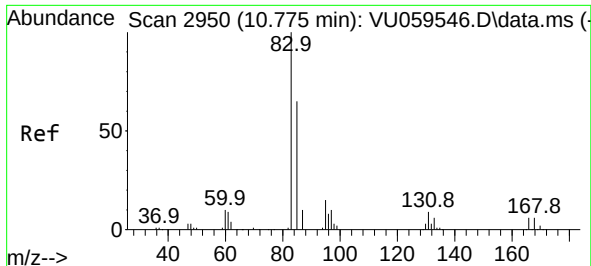
Tgt Ion:104 Resp: 274698

Ion Ratio Lower Upper

104 100

78 44.3 34.7 64.5

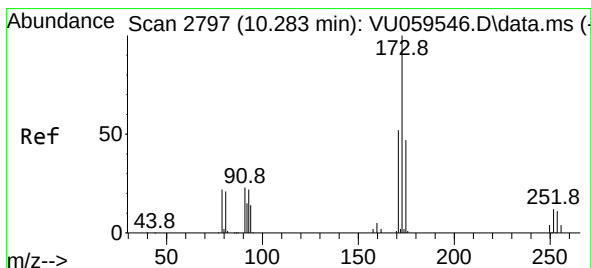
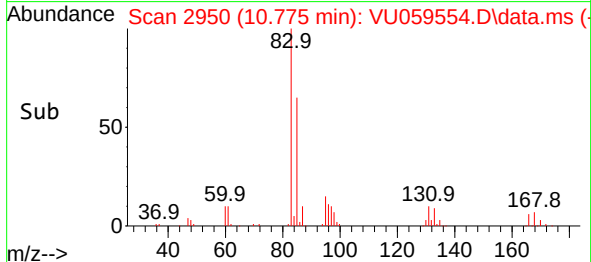
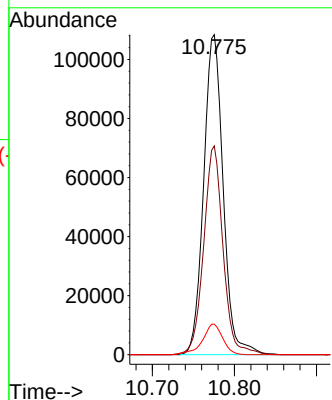
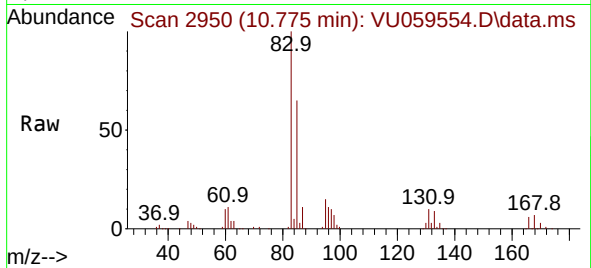




#57
1,1,2,2-Tetrachloroethane
Concen: 50.669 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

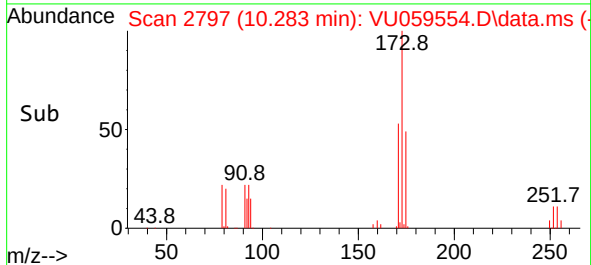
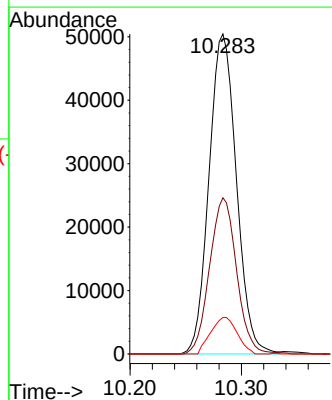
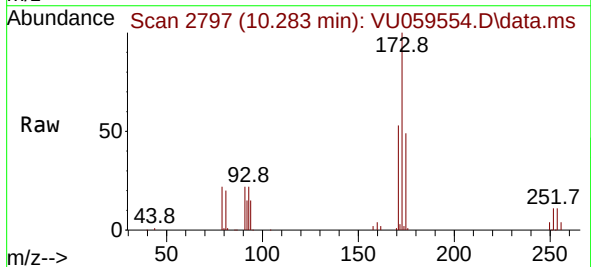
Instrument :
MSVOA_U
ClientSampleId :
E1GN8MSD

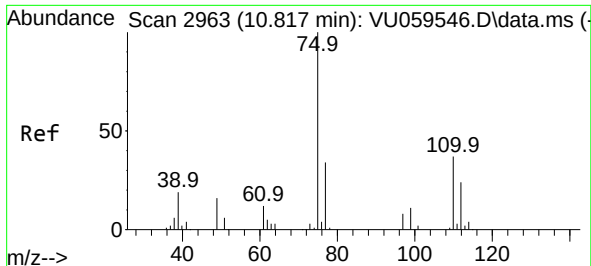
Tgt Ion: 83 Resp: 179516
Ion Ratio Lower Upper
83 100
85 65.2 46.1 85.7
131 9.5 7.0 10.4



#59
Bromoform
Concen: 58.614 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.003 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

Tgt Ion:173 Resp: 86221
Ion Ratio Lower Upper
173 100
175 48.1 39.0 58.6
254 11.0 7.5 11.3

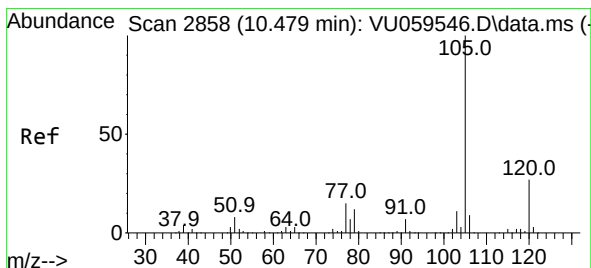
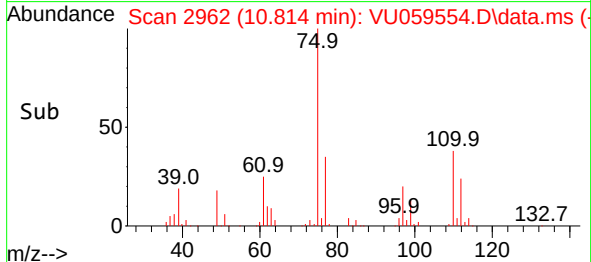
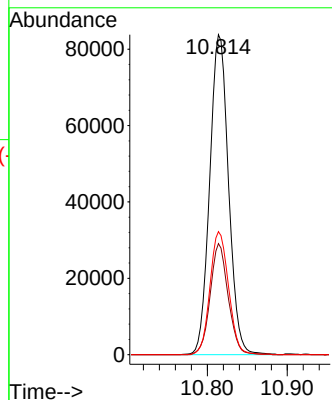
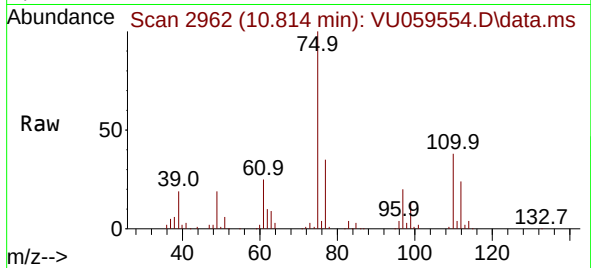




#60
1,2,3-Trichloropropane
Concen: 43.995 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

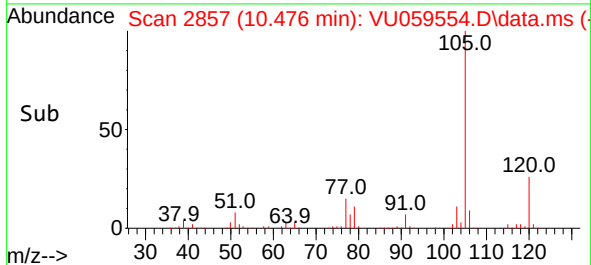
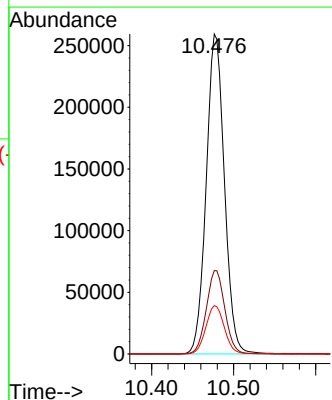
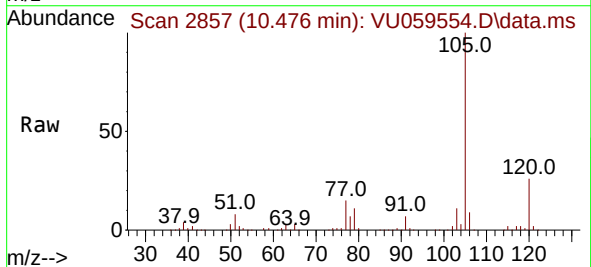
Instrument :
MSVOA_U
ClientSampleId :
E1GN8MSD

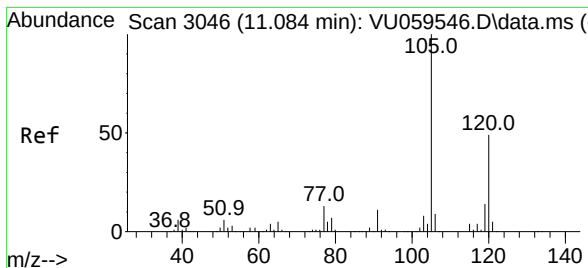
Tgt Ion: 75 Resp: 137260
Ion Ratio Lower Upper
75 100
77 33.2 26.2 39.2
110 37.9 28.4 42.6



#61
Isopropylbenzene
Concen: 50.603 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.003 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

Tgt Ion: 105 Resp: 399410
Ion Ratio Lower Upper
105 100
120 26.5 20.3 30.5
77 15.4 13.4 20.0

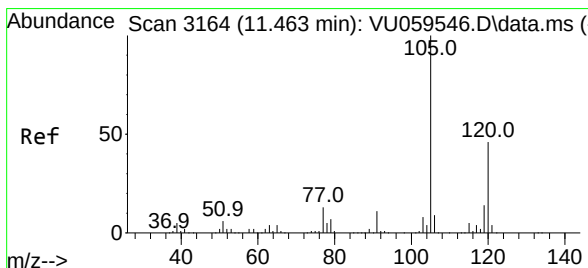
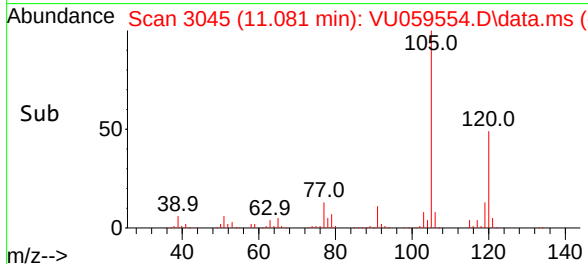
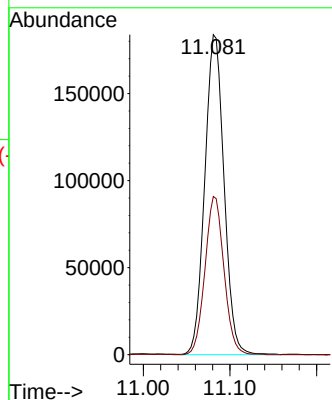
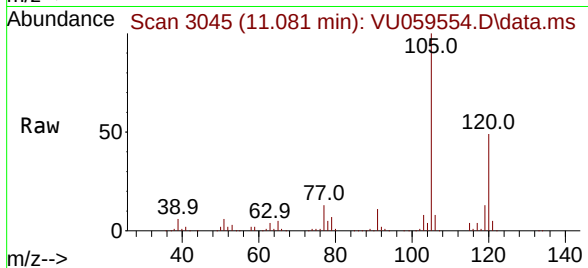




#62
1,3,5-Trimethylbenzene
Concen: 49.662 ug/L
RT: 11.081 min Scan# 3046
Delta R.T. -0.003 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

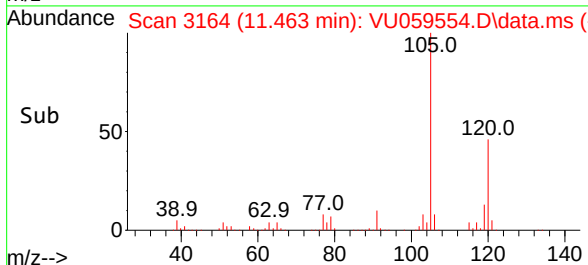
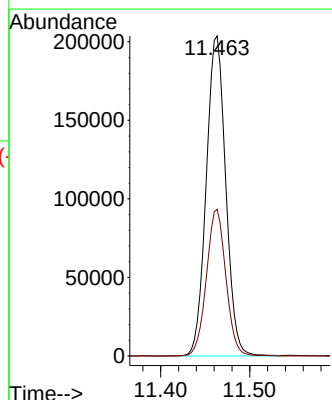
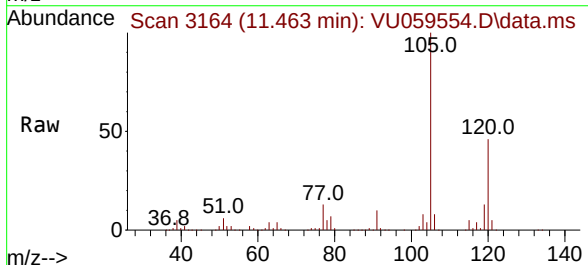
Instrument :
MSVOA_U
ClientSampleId :
E1GN8MSD

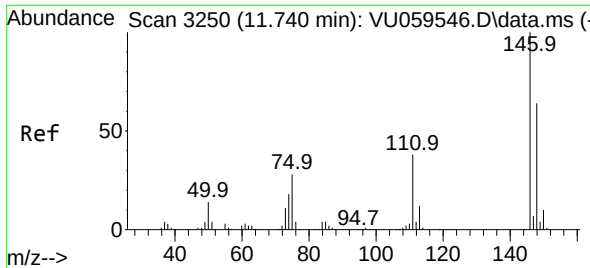
Tgt Ion:105 Resp: 284006
Ion Ratio Lower Upper
105 100
120 48.7 37.8 56.8



#63
1,2,4-Trimethylbenzene
Concen: 49.948 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

Tgt Ion:105 Resp: 309647
Ion Ratio Lower Upper
105 100
120 45.7 35.0 52.6

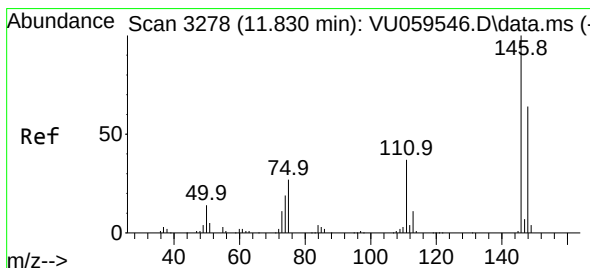
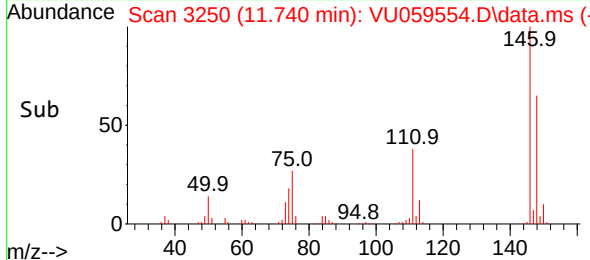
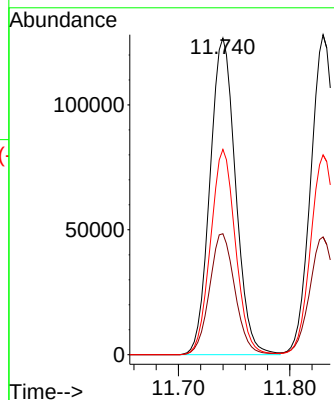
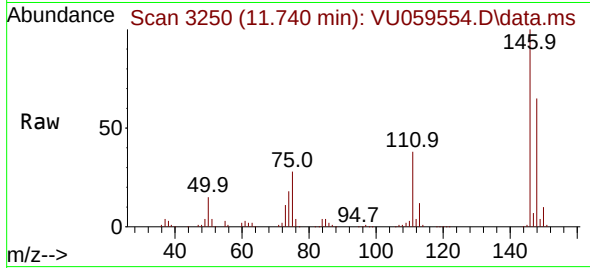




#64
1,3-Dichlorobenzene
Concen: 54.911 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

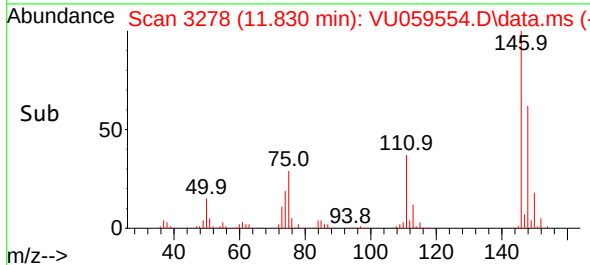
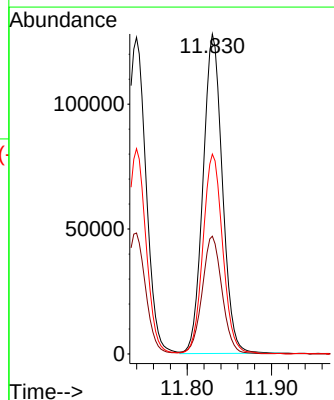
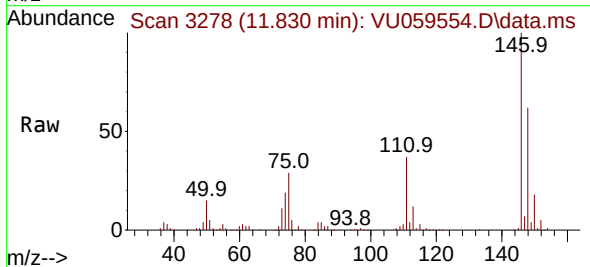
Instrument :
MSVOA_U
ClientSampleId :
E1GN8MSD

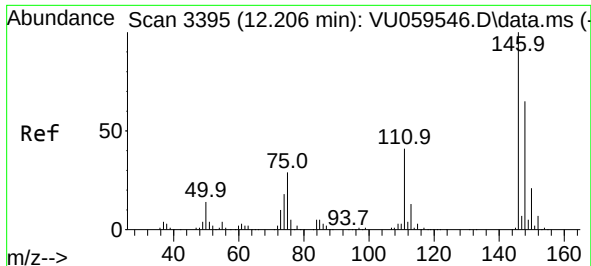
Tgt Ion:146 Resp: 202566
Ion Ratio Lower Upper
146 100
111 38.2 28.7 53.3
148 64.8 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 53.705 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

Tgt Ion:146 Resp: 204606
Ion Ratio Lower Upper
146 100
111 36.8 27.9 51.9
148 62.5 45.7 84.9





#67

1,2-Dichlorobenzene

Concen: 52.370 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU059554.D

Acq: 27 Jun 2024 11:40

Instrument :

MSVOA_U

ClientSampleId :

E1GN8MSD

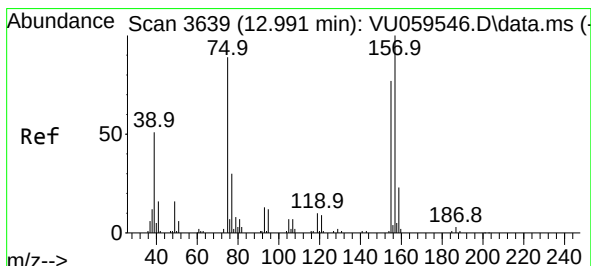
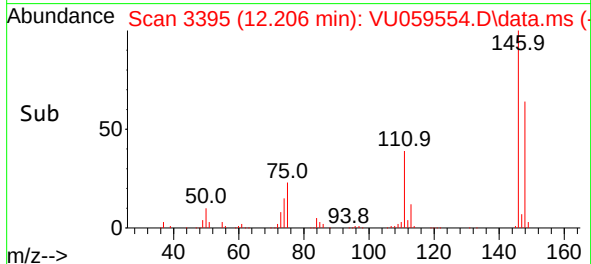
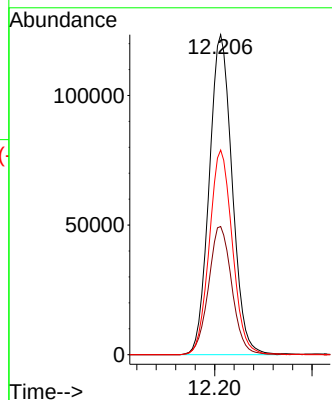
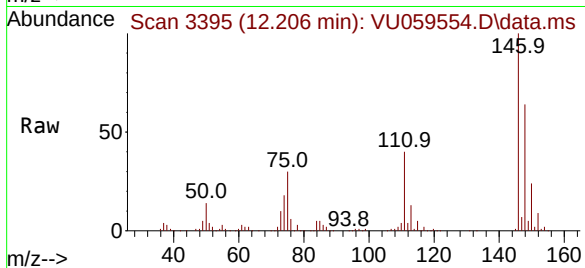
Tgt Ion:146 Resp: 201920

Ion Ratio Lower Upper

146 100

111 40.0 33.4 50.2

148 64.0 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 52.950 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU059554.D

Acq: 27 Jun 2024 11:40

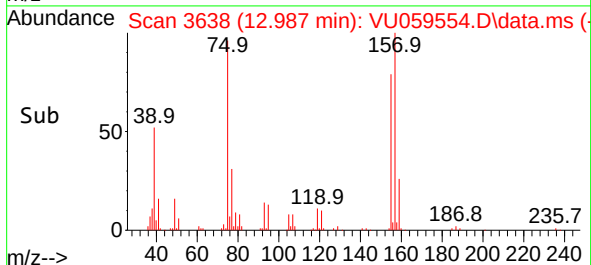
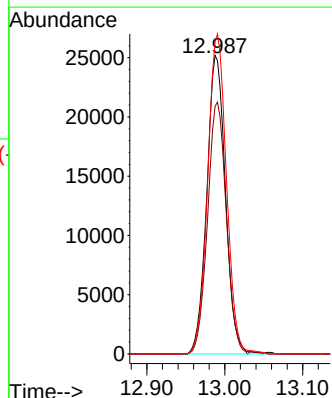
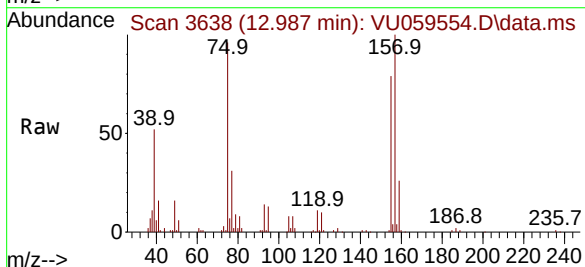
Tgt Ion: 75 Resp: 41880

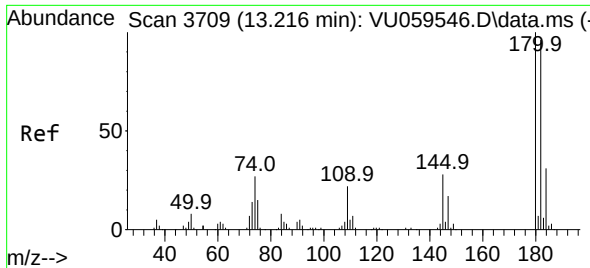
Ion Ratio Lower Upper

75 100

155 86.9 57.5 86.3#

157 108.9 73.4 110.2

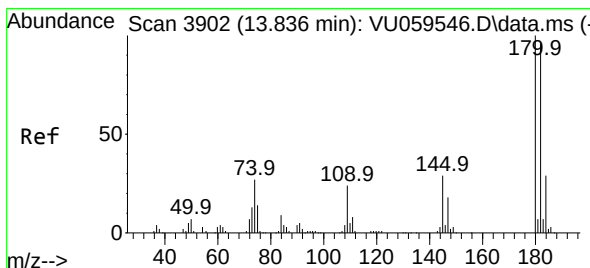
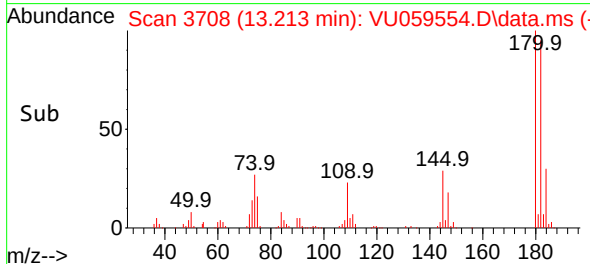
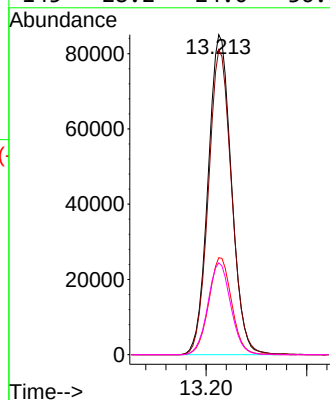
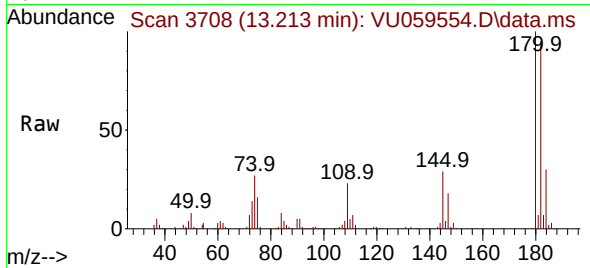




#69
 1,3,5-Trichlorobenzene
 Concen: 56.082 ug/L
 RT: 13.213 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU059554.D
 Acq: 27 Jun 2024 11:40

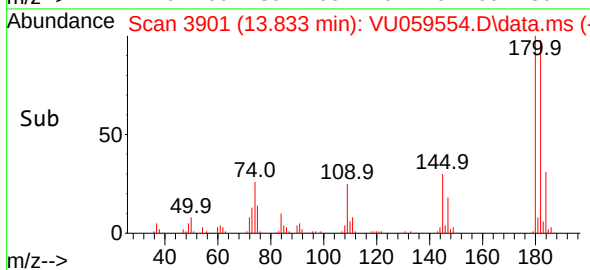
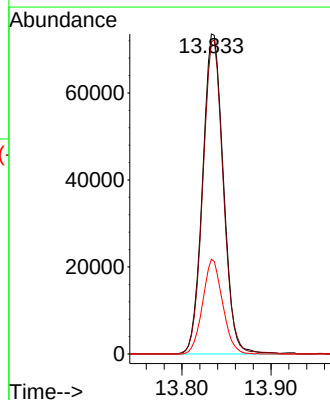
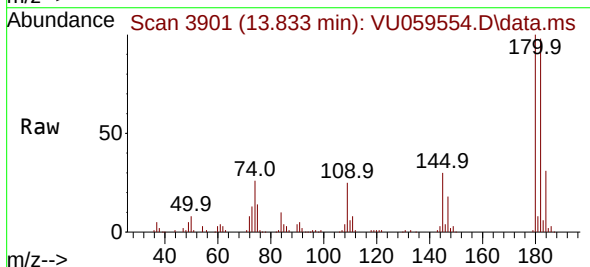
Instrument :
 MSVOA_U
 ClientSampleId :
 E1GN8MSD

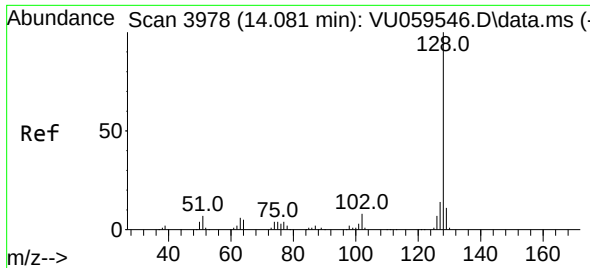
Tgt Ion:180 Resp: 136632
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.6 113.4
 184 29.7 24.2 36.2
 145 28.2 24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 61.174 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.003 min
 Lab File: VU059554.D
 Acq: 27 Jun 2024 11:40

Tgt Ion:180 Resp: 119036
 Ion Ratio Lower Upper
 180 100
 182 96.7 77.4 116.2
 145 28.3 24.8 37.2

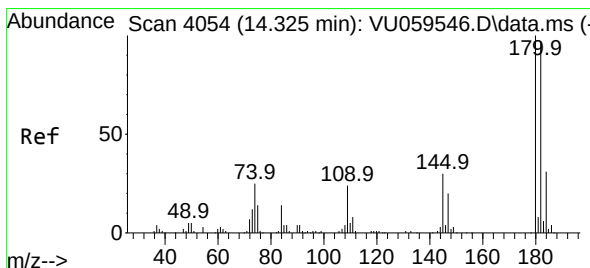
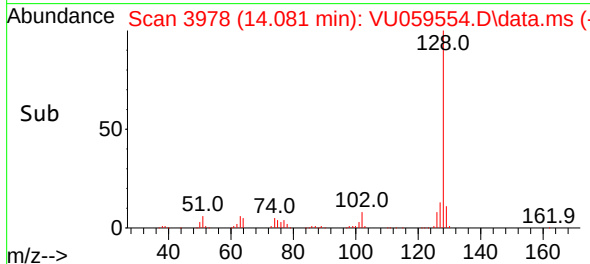
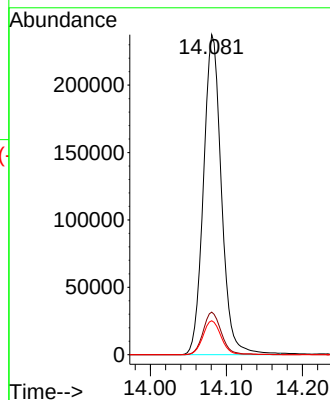
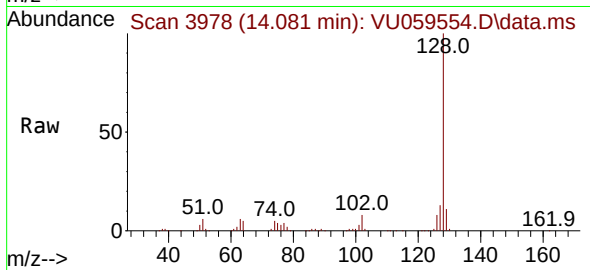




#71
Naphthalene
Concen: 63.224 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.003 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

Instrument :
MSVOA_U
ClientSampleId :
E1GN8MSD

Tgt Ion:	128	Resp:	389409
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	10.6	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 65.703 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU059554.D
Acq: 27 Jun 2024 11:40

Tgt Ion:	180	Resp:	129978
Ion Ratio	Lower	Upper	
180	100		
182	96.0	76.2	114.4
145	30.1	26.4	39.6

