

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062272.D
 Acq On : 12 Dec 2024 05:15
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 05:59:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 12 01:45:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	93525	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88377	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47233	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24209	3.838	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.908	69	20147	4.490	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.557	65	11676	3.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.628	46	67464	55.802	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.600%
24) Chloroform-d	5.052	84	65264	4.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.692	65	34147	5.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.718	84	110844	4.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.679	67	33539	4.605	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.888	98	101581	4.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.171	79	14280	4.455	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.627	63	53871	55.702	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.400%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29050	5.126	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	40067	4.603	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	42918	4.899	ug/L	97
3) Chloromethane	1.515	50	33496	4.878	ug/L	98
5) Vinyl chloride	1.599	62	35124	4.913	ug/L	96
6) Bromomethane	1.853	94	20774	4.359	ug/L	99
8) Chloroethane	1.930	64	19437	4.854	ug/L	99
9) Trichlorofluoromethane	2.133	101	62028	4.998	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	31527	4.668	ug/L	91
12) 1,1-Dichloroethene	2.573	96	30268	4.793	ug/L	91
13) Acetone	2.647	43	45340	55.080	ug/L	95
14) Carbon disulfide	2.785	76	91591	4.587	ug/L	100
15) Methyl Acetate	2.956	43	11261	5.458	ug/L	92
16) Methylene chloride	3.036	84	35181	5.307	ug/L	88
17) Methyl tert-butyl Ether	3.354	73	84007	5.340	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	31933	4.922	ug/L	93
19) 1,1-Dichloroethane	3.859	63	61672	5.186	ug/L	97
21) 2-Butanone	4.708	43	69834	58.417	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	36908	5.075	ug/L	95
23) Bromochloromethane	4.965	128	17642	5.534	ug/L	# 80
25) Chloroform	5.075	83	70225	5.242	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062272.D
 Acq On : 12 Dec 2024 05:15
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

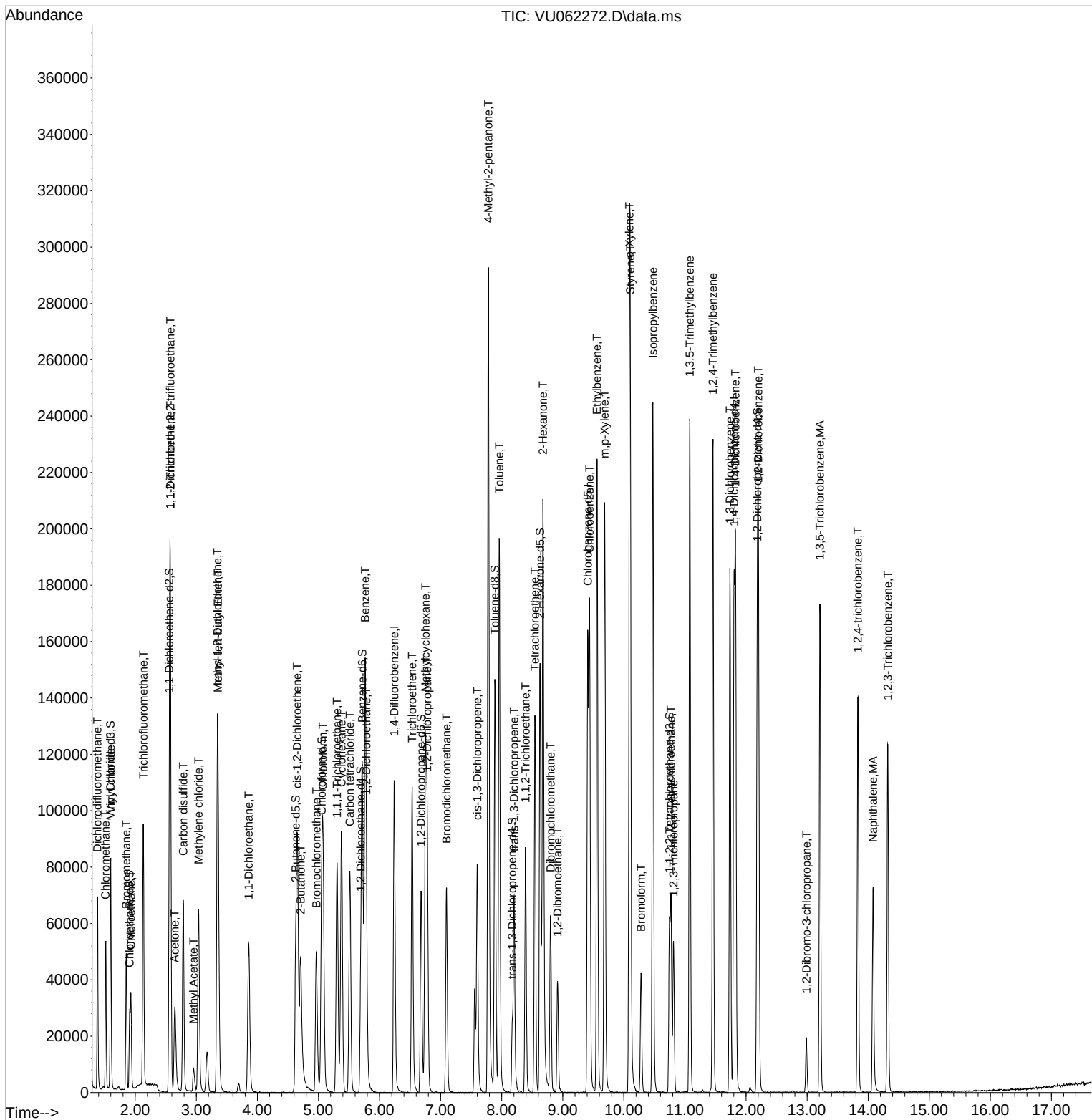
Instrument :
 MSVOA_U
 ClientSampleId :

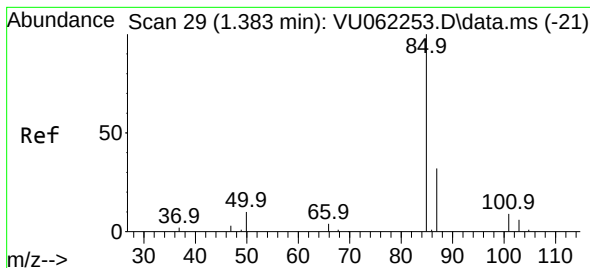
Quant Time: Dec 12 05:59:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 12 01:45:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	45027	5.289	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	64299	5.172	ug/L	94
30) Cyclohexane	5.377	56	44631	4.427	ug/L	92
31) Carbon tetrachloride	5.515	117	57199	5.017	ug/L	100
33) Benzene	5.763	78	136249	4.975	ug/L	100
34) Trichloroethene	6.534	95	38806	5.002	ug/L	94
35) Methylcyclohexane	6.753	83	51460	4.474	ug/L	96
37) 1,2-Dichloropropane	6.782	63	34676	5.199	ug/L #	94
38) Bromodichloromethane	7.097	83	49994	5.313	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	49730	4.652	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	172996	55.344	ug/L #	92
42) Toluene	7.959	91	150023	5.080	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	43727	5.009	ug/L	98
45) 1,1,2-Trichloroethane	8.390	97	27522	5.466	ug/L	97
47) Tetrachloroethene	8.544	164	29439	4.915	ug/L	95
48) 2-Hexanone	8.676	43	126267	54.659	ug/L #	94
49) Dibromochloromethane	8.801	129	33141	5.448	ug/L	94
50) 1,2-Dibromoethane	8.914	107	26096	5.394	ug/L #	98
51) Chlorobenzene	9.438	112	94424	4.990	ug/L	97
52) Ethylbenzene	9.560	91	161040	4.864	ug/L	100
53) m,p-Xylene	9.685	106	61442	5.026	ug/L	100
54) o-Xylene	10.090	106	59446	5.000	ug/L	98
55) Styrene	10.107	104	98010	5.001	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	31602	5.393	ug/L #	96
59) Bromoform	10.283	173	20179	5.436	ug/L #	96
60) Isopropylbenzene	10.476	105	163595	4.795	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	23327	5.341	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	136160	4.716	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	131801	4.659	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	76694	4.893	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	75606	4.790	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	71076	4.907	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	5493	5.766	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.209	180	55912	4.799	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	44704	4.860	ug/L	100
71) Naphthalene	14.081	128	65405	4.735	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	39835	4.910	ug/L	99

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

Quant Time: Dec 12 05:59:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 12 01:45:00 2024
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 4.899 ug/L

RT: 1.380 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU062272.D

Acq: 12 Dec 2024 05:15

Instrument :

MSVOA_U

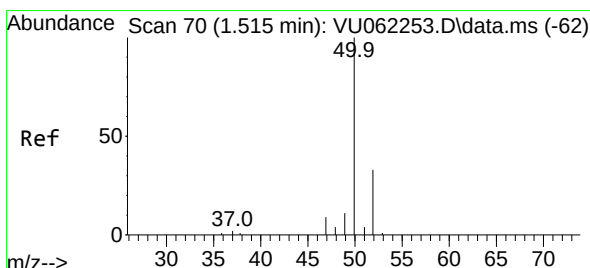
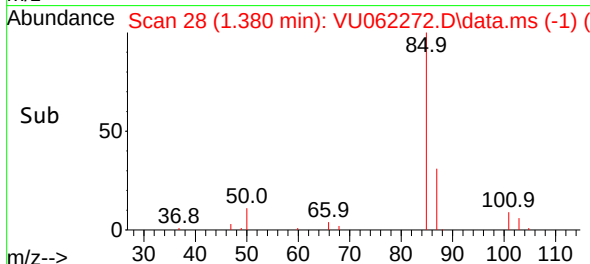
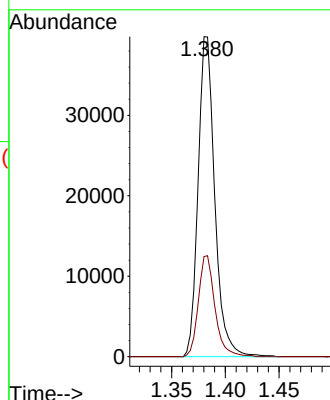
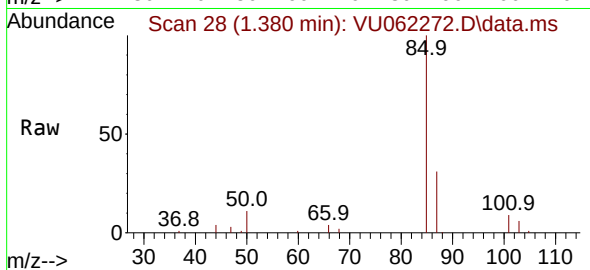
ClientSampleId :

Tgt Ion: 85 Resp: 42918

Ion Ratio Lower Upper

85 100

87 31.4 26.6 40.0



#3

Chloromethane

Concen: 4.878 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU062272.D

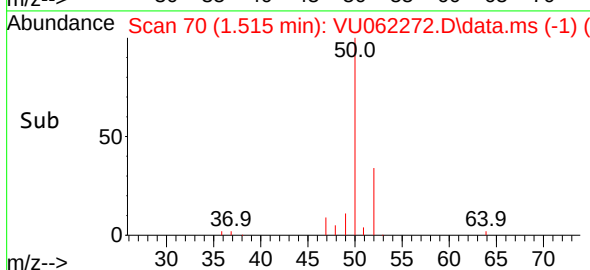
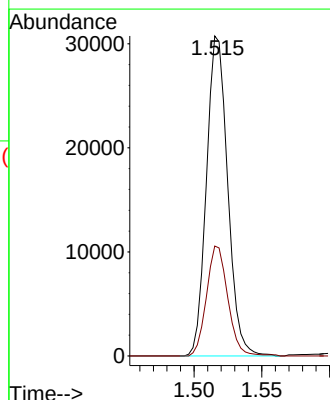
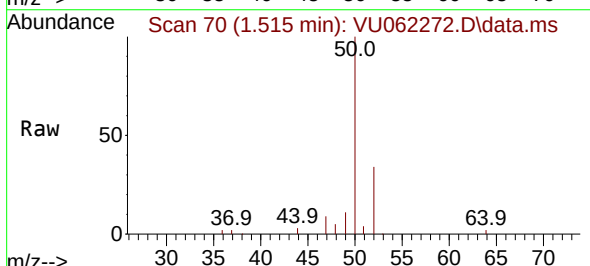
Acq: 12 Dec 2024 05:15

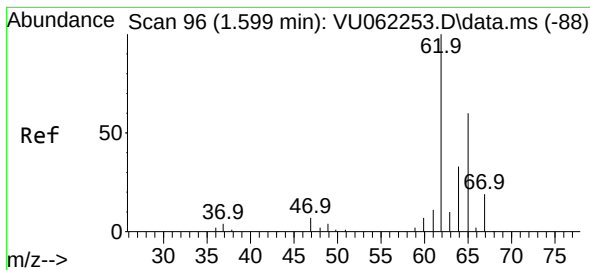
Tgt Ion: 50 Resp: 33496

Ion Ratio Lower Upper

50 100

52 34.3 23.1 42.9





#5

Vinyl chloride

Concen: 4.913 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU062272.D

Acq: 12 Dec 2024 05:15

Instrument :

MSVOA_U

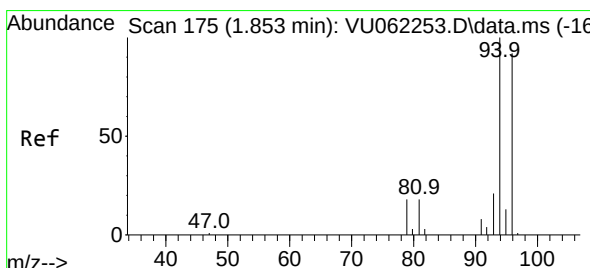
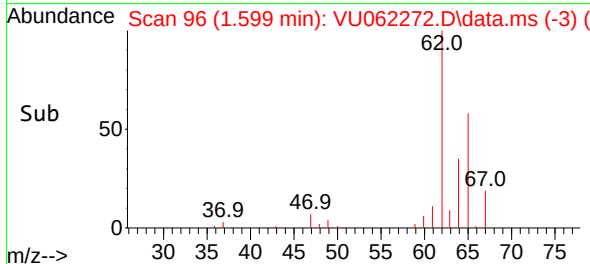
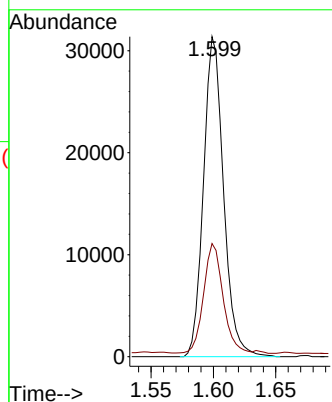
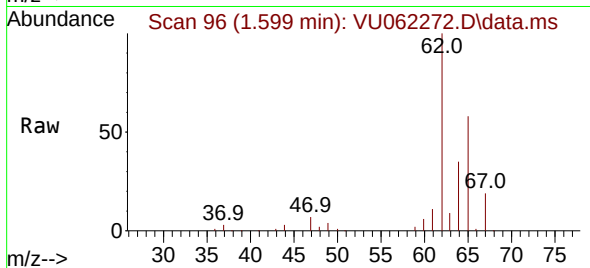
ClientSampleId :

Tgt Ion: 62 Resp: 35124

Ion Ratio Lower Upper

62 100

64 35.4 23.1 42.9



#6

Bromomethane

Concen: 4.359 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU062272.D

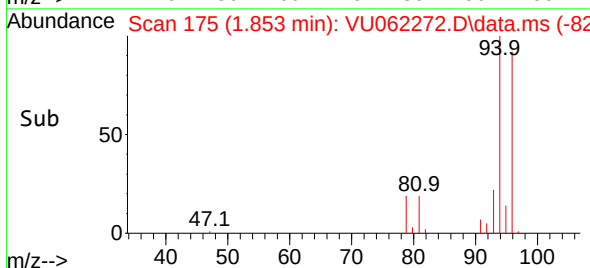
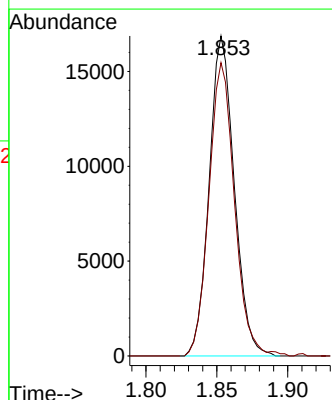
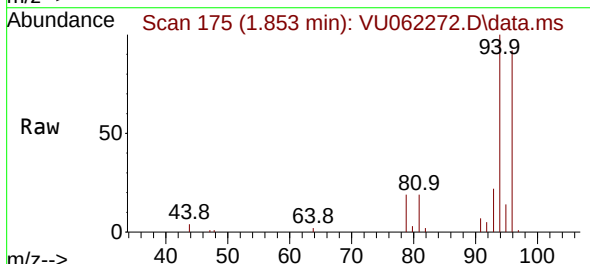
Acq: 12 Dec 2024 05:15

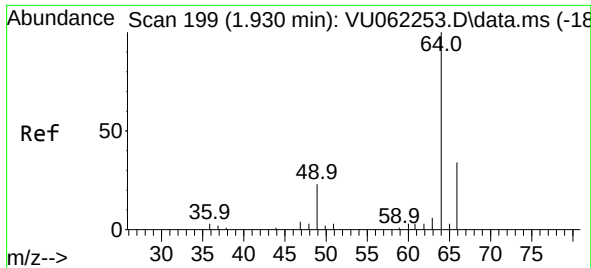
Tgt Ion: 94 Resp: 20774

Ion Ratio Lower Upper

94 100

96 91.6 64.5 119.9

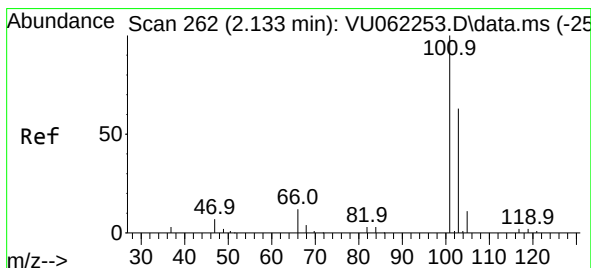
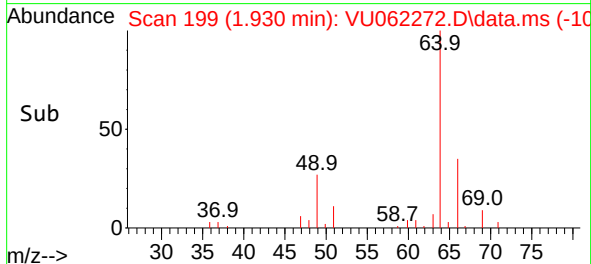
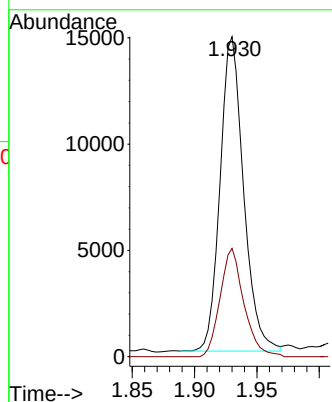
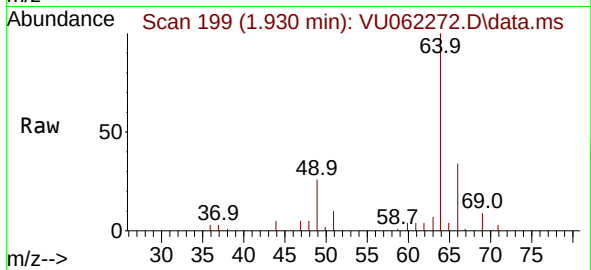




#8
Chloroethane
Concen: 4.854 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

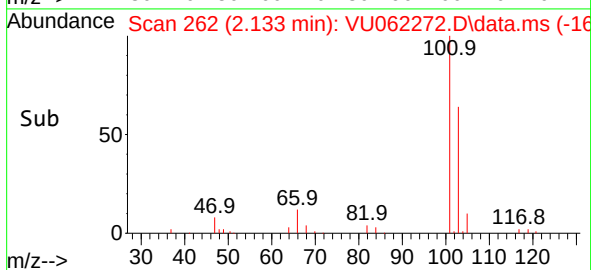
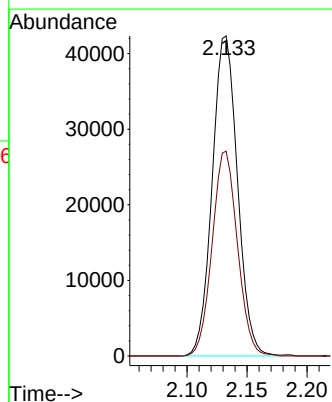
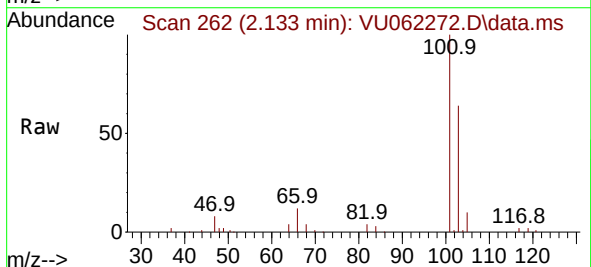
Instrument :
MSVOA_U
ClientSampleId :

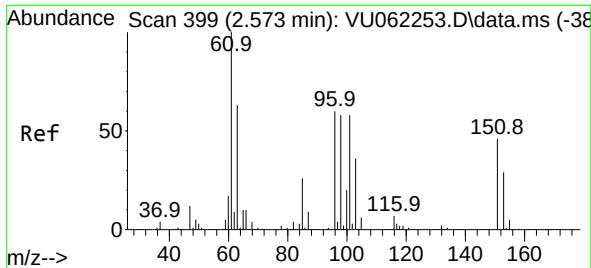
Tgt Ion: 64 Resp: 19437
Ion Ratio Lower Upper
64 100
66 33.9 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.998 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

Tgt Ion:101 Resp: 62028
Ion Ratio Lower Upper
101 100
103 64.0 50.6 75.8

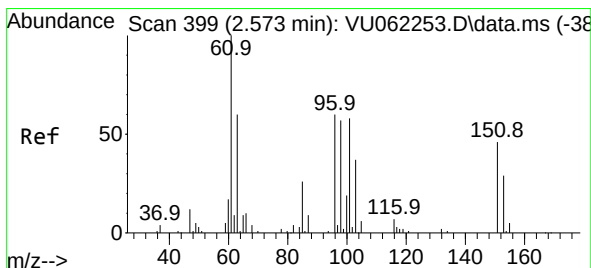
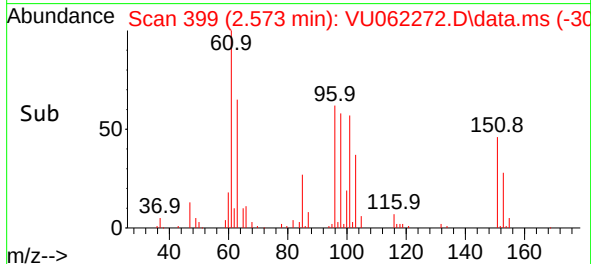
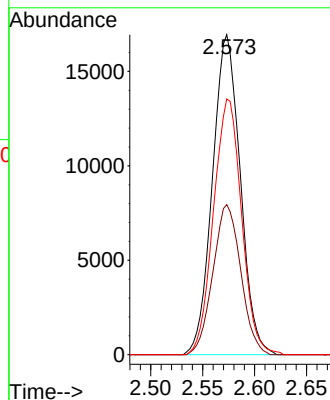
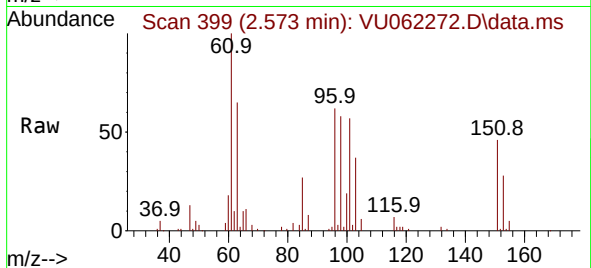




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.668 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062272.D
 Acq: 12 Dec 2024 05:15

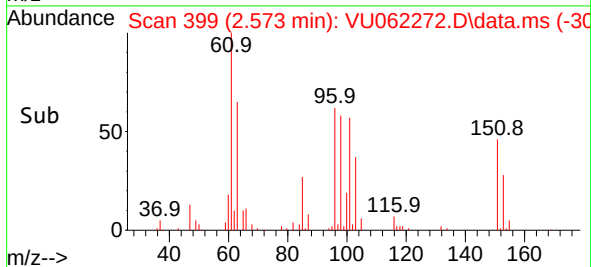
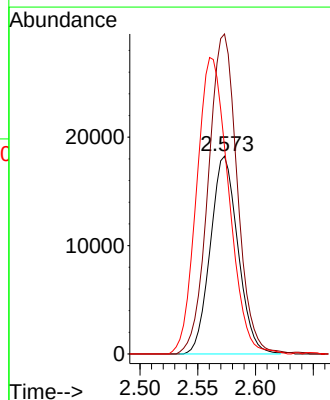
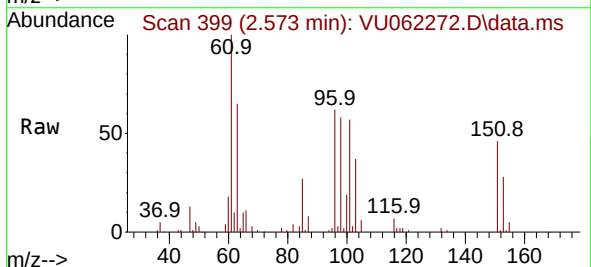
Instrument :
 MSVOA_U
 ClientSampleId :

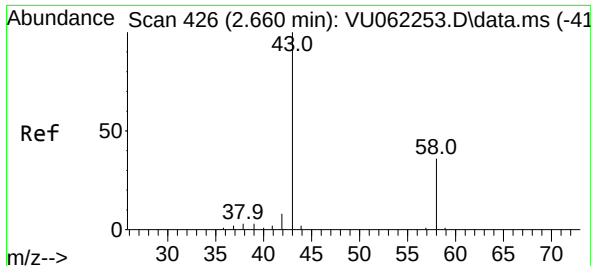
Tgt Ion:101 Resp: 31527
 Ion Ratio Lower Upper
 101 100
 85 47.1 38.0 57.0
 151 80.8 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 4.793 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062272.D
 Acq: 12 Dec 2024 05:15

Tgt Ion: 96 Resp: 30268
 Ion Ratio Lower Upper
 96 100
 61 161.8 119.6 222.2
 63 104.8 65.0 120.6





#13

Acetone

Concen: 55.080 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU062272.D

Acq: 12 Dec 2024 05:15

Instrument :

MSVOA_U

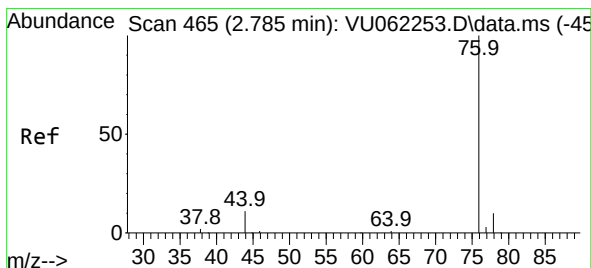
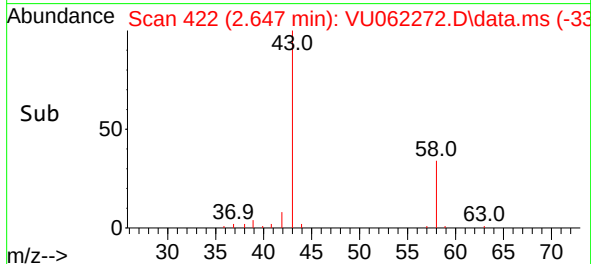
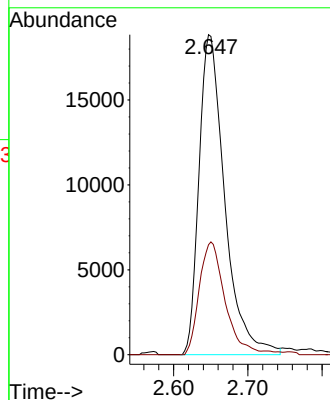
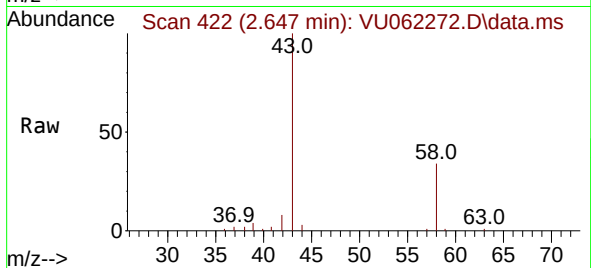
ClientSampleId :

Tgt Ion: 43 Resp: 45340

Ion Ratio Lower Upper

43 100

58 35.0 0.0 64.0



#14

Carbon disulfide

Concen: 4.587 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU062272.D

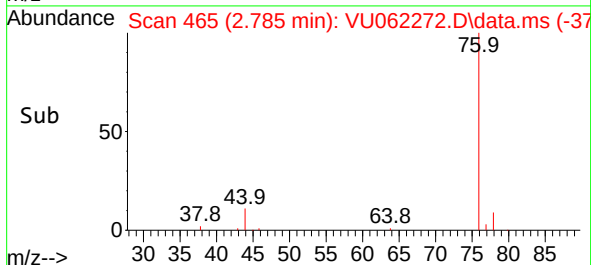
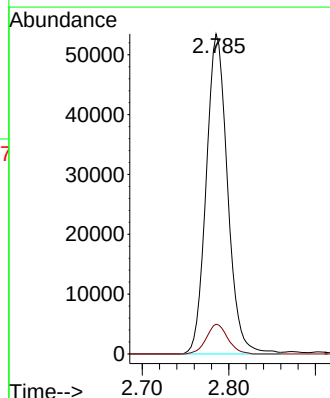
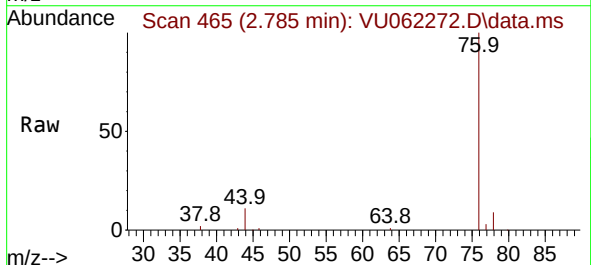
Acq: 12 Dec 2024 05:15

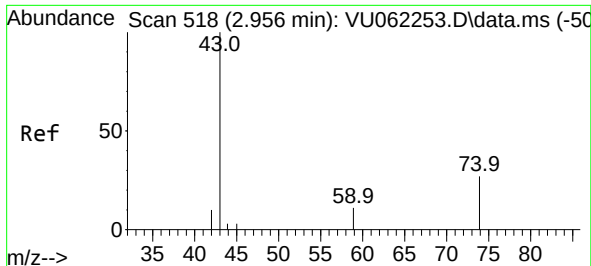
Tgt Ion: 76 Resp: 91591

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

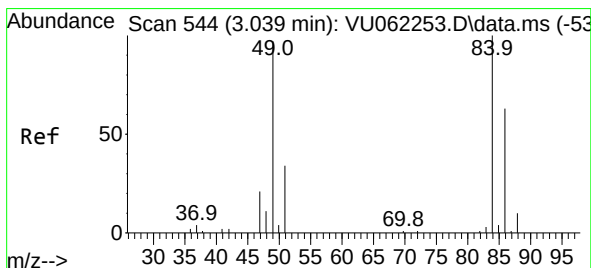
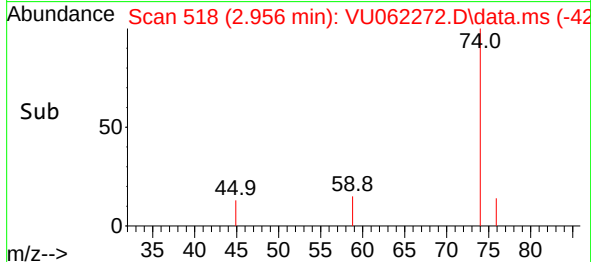
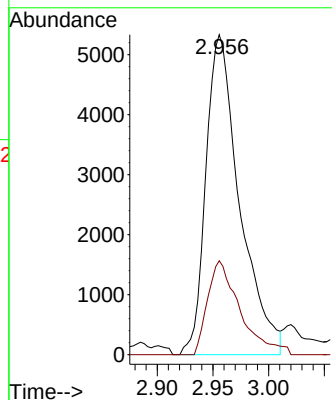
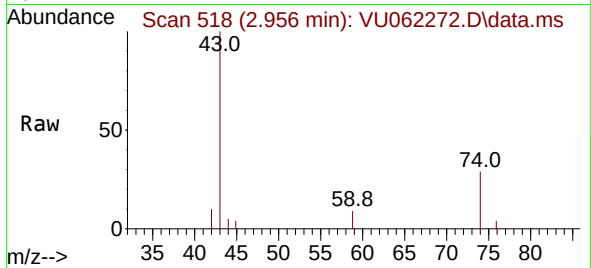




#15
Methyl Acetate
Concen: 5.458 ug/L
RT: 2.956 min Scan# 518
Delta R.T. -0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

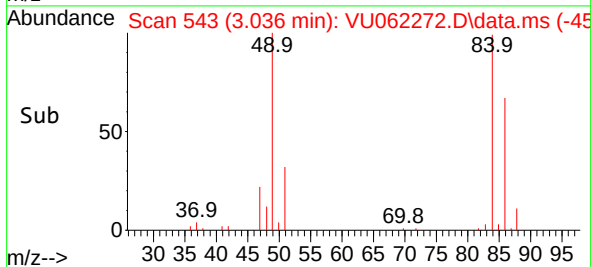
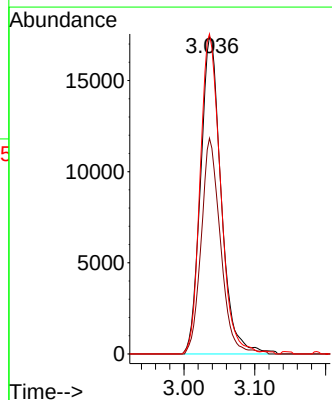
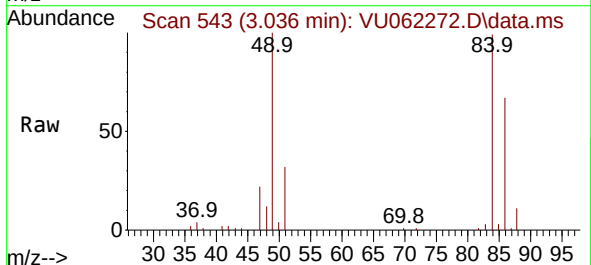
Instrument :
MSVOA_U
ClientSampleId :

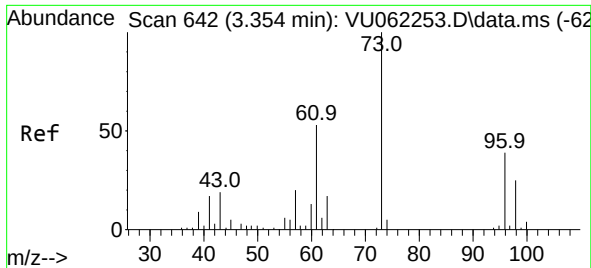
Tgt Ion: 43 Resp: 11261
Ion Ratio Lower Upper
43 100
74 28.3 19.4 29.2



#16
Methylene chloride
Concen: 5.307 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

Tgt Ion: 84 Resp: 35181
Ion Ratio Lower Upper
84 100
86 68.0 43.5 80.7
49 100.8 81.9 152.1

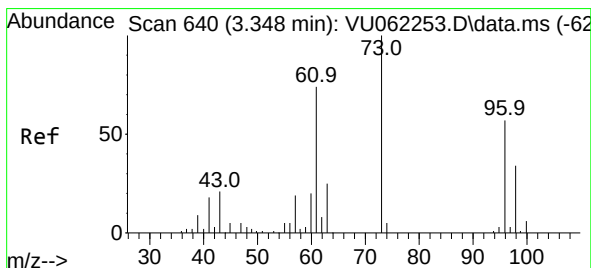
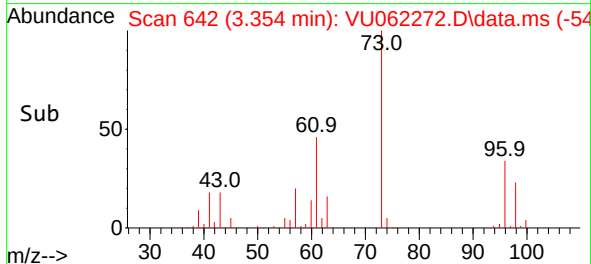
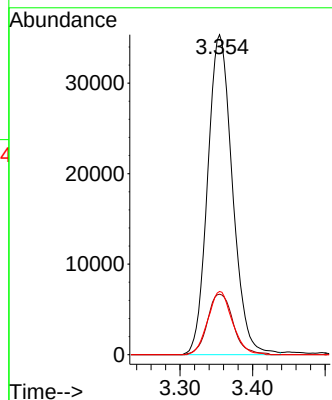
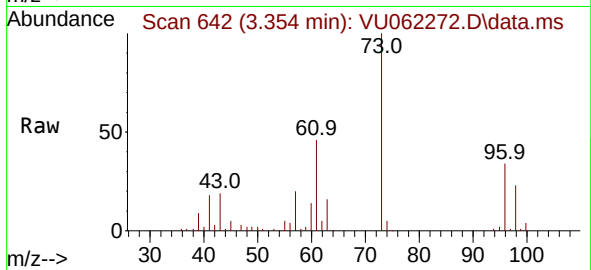




#17
Methyl tert-butyl Ether
Concen: 5.340 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

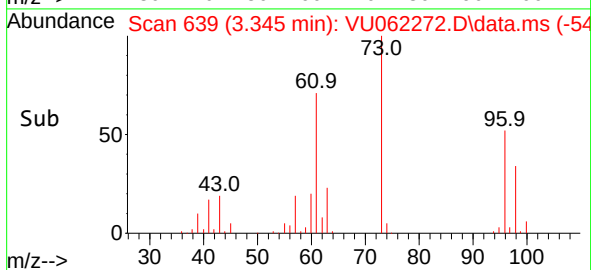
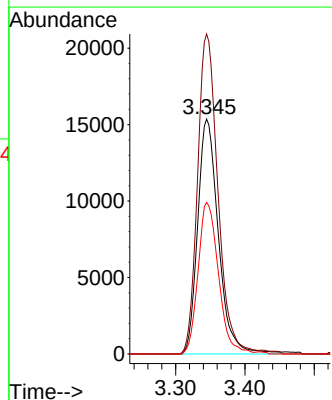
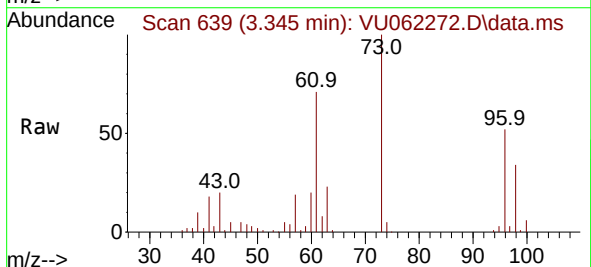
Instrument :
MSVOA_U
ClientSampleId :

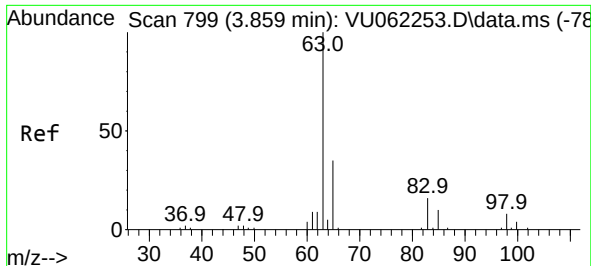
Tgt Ion: 73 Resp: 84007
Ion Ratio Lower Upper
73 100
43 19.6 16.3 24.5
57 19.5 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.922 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

Tgt Ion: 96 Resp: 31933
Ion Ratio Lower Upper
96 100
61 136.3 104.2 193.4
98 64.5 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.186 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU062272.D

Acq: 12 Dec 2024 05:15

Instrument :

MSVOA_U

ClientSampleId :

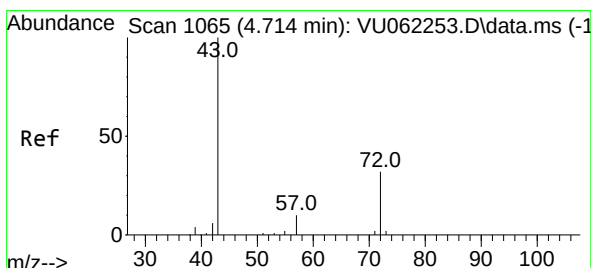
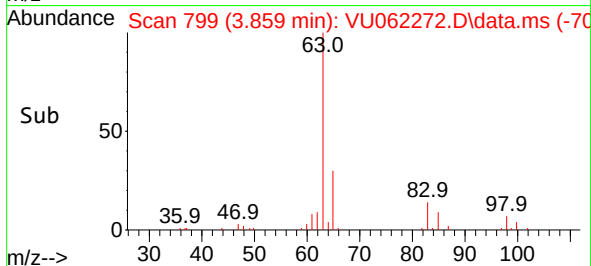
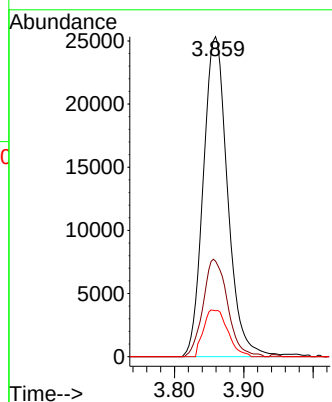
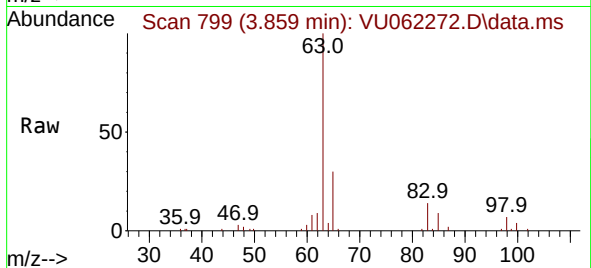
Tgt Ion: 63 Resp: 61672

Ion Ratio Lower Upper

63 100

65 29.9 22.7 42.3

83 14.3 9.9 18.3



#21

2-Butanone

Concen: 58.417 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. -0.006 min

Lab File: VU062272.D

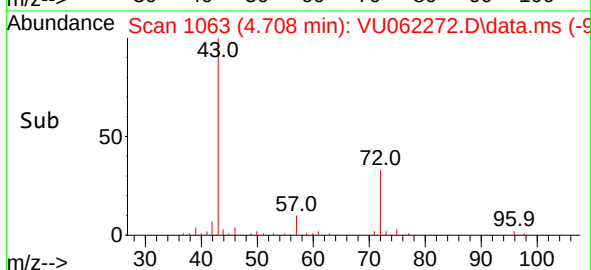
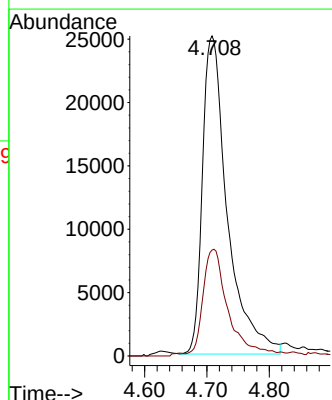
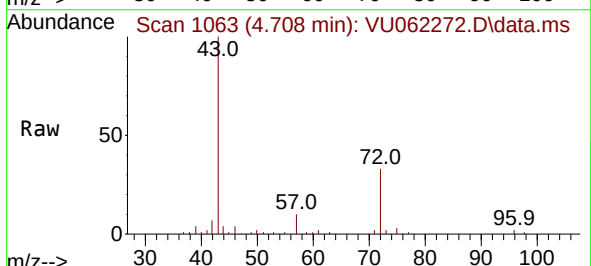
Acq: 12 Dec 2024 05:15

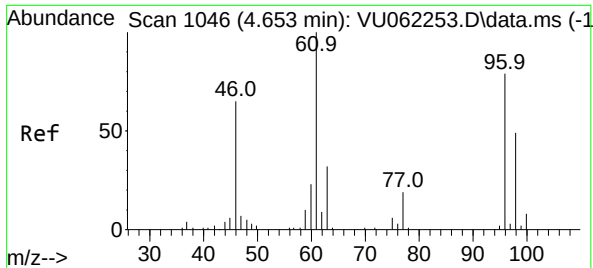
Tgt Ion: 43 Resp: 69834

Ion Ratio Lower Upper

43 100

72 32.4 14.8 44.4

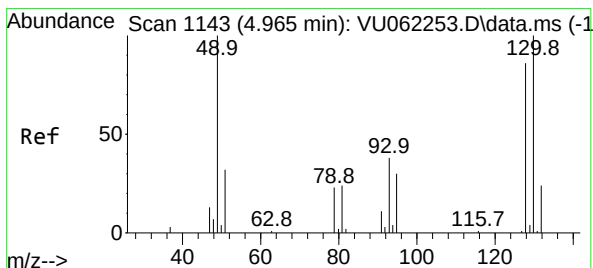
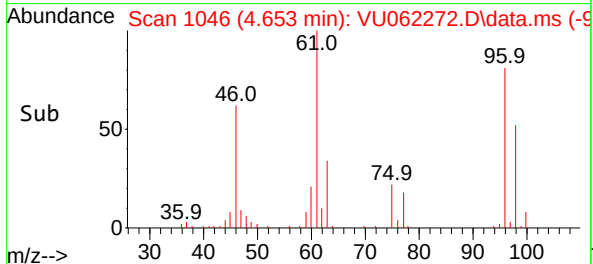
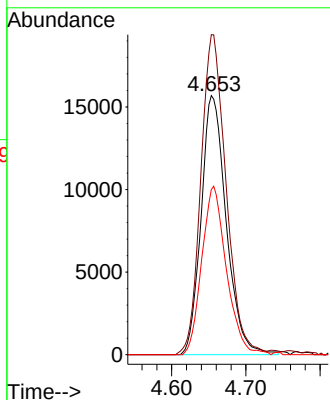
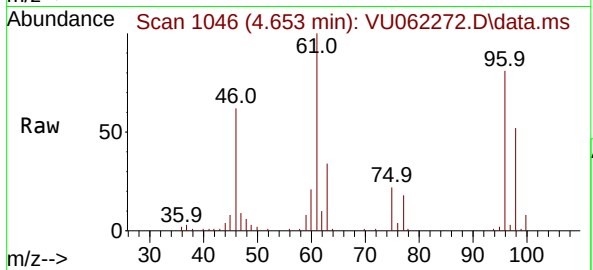




#22
 cis-1,2-Dichloroethene
 Concen: 5.075 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU062272.D
 Acq: 12 Dec 2024 05:15

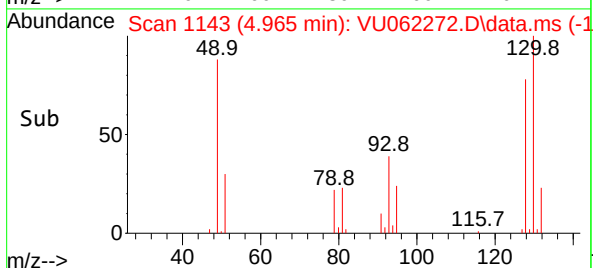
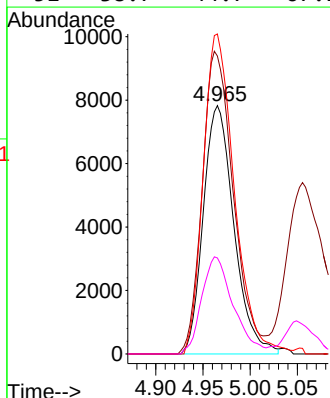
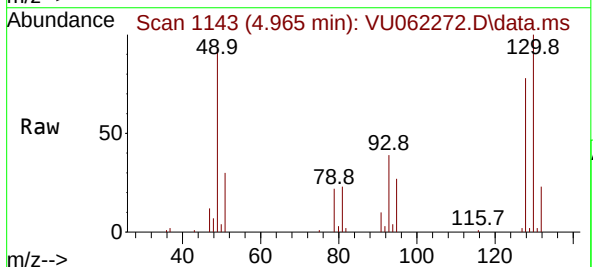
Instrument :
 MSVOA_U
 ClientSampleId :

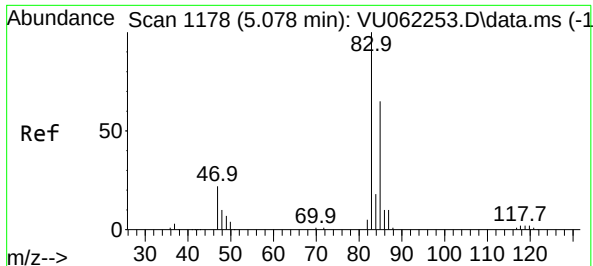
Tgt Ion:	96	Resp:	36908
Ion	Ratio	Lower	Upper
96	100		
61	123.5	92.0	170.8
98	63.8	44.5	82.7



#23
 Bromochloromethane
 Concen: 5.534 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU062272.D
 Acq: 12 Dec 2024 05:15

Tgt Ion:	128	Resp:	17642
Ion	Ratio	Lower	Upper
128	100		
49	120.0	115.3	214.1
130	128.9	92.0	170.8
51	38.7	44.7	67.1





#25

Chloroform

Concen: 5.242 ug/L

RT: 5.075 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU062272.D

Acq: 12 Dec 2024 05:15

Instrument :

MSVOA_U

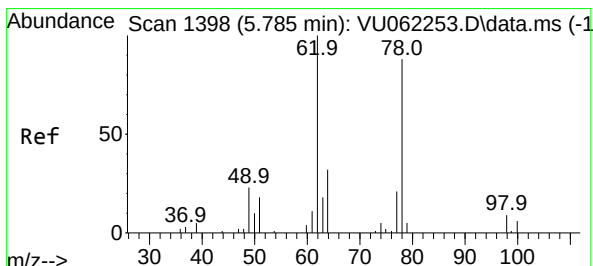
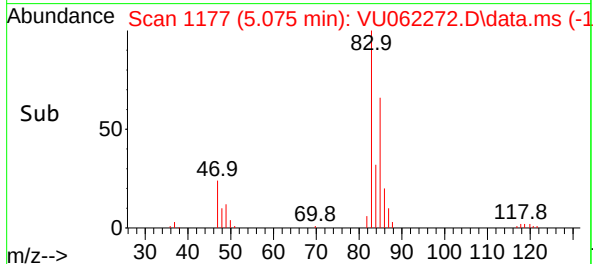
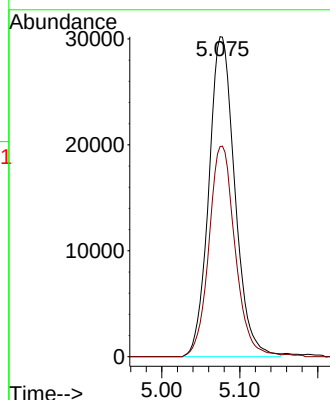
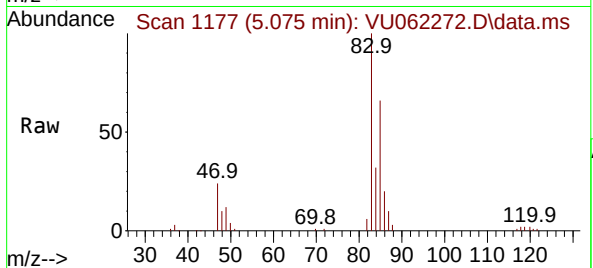
ClientSampleId :

Tgt Ion: 83 Resp: 70225

Ion Ratio Lower Upper

83 100

85 65.7 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.289 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU062272.D

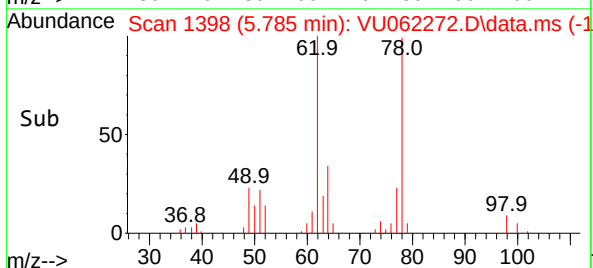
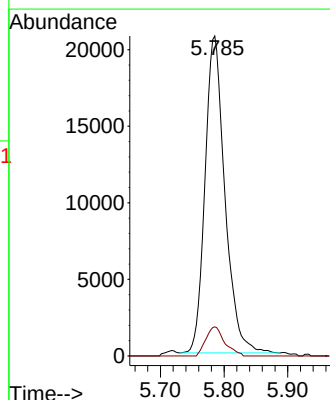
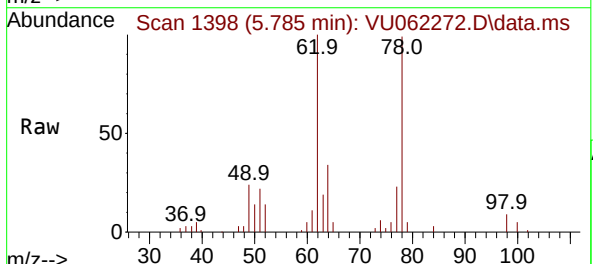
Acq: 12 Dec 2024 05:15

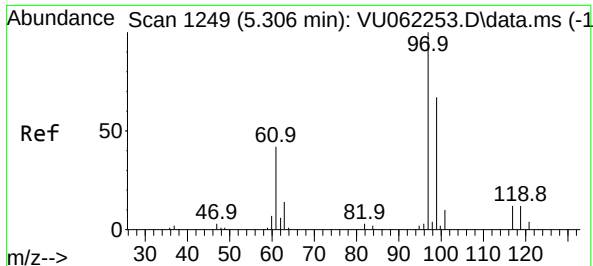
Tgt Ion: 62 Resp: 45027

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.172 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.003 min

Lab File: VU062272.D

Acq: 12 Dec 2024 05:15

Instrument :

MSVOA_U

ClientSampleId :

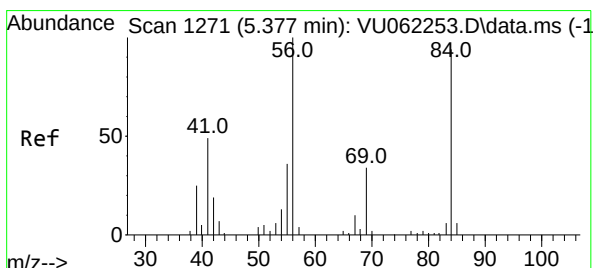
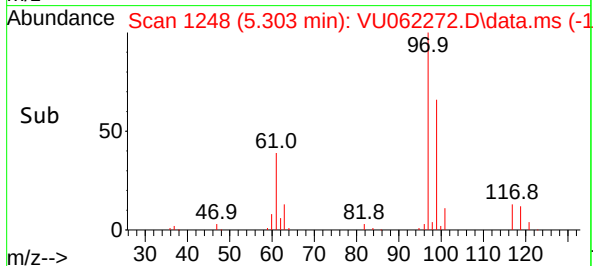
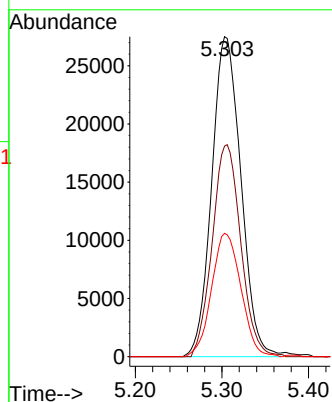
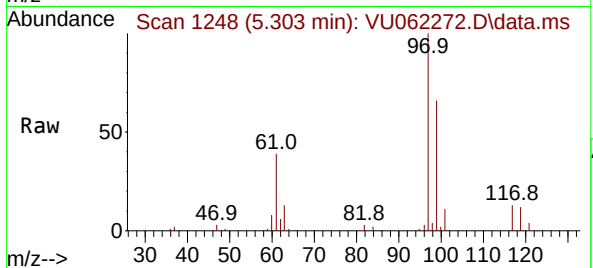
Tgt Ion: 97 Resp: 64299

Ion Ratio Lower Upper

97 100

99 64.9 51.4 77.2

61 38.8 37.8 56.6



#30

Cyclohexane

Concen: 4.427 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VU062272.D

Acq: 12 Dec 2024 05:15

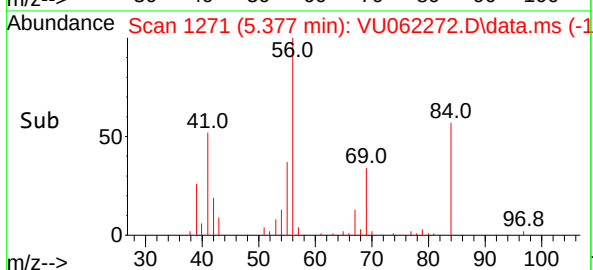
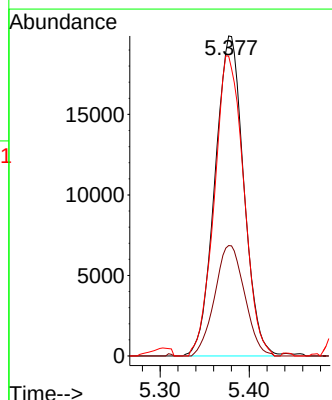
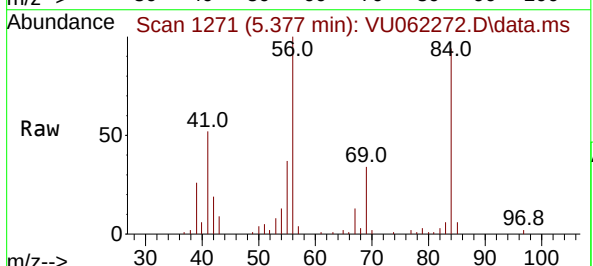
Tgt Ion: 56 Resp: 44631

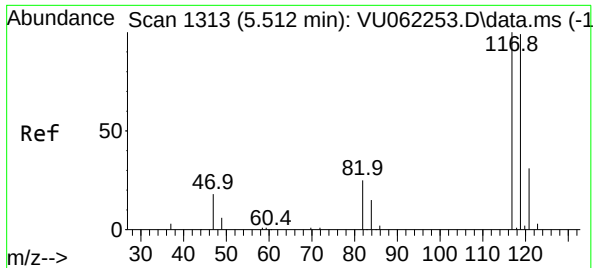
Ion Ratio Lower Upper

56 100

69 35.8 25.1 37.7

84 95.3 70.6 105.8

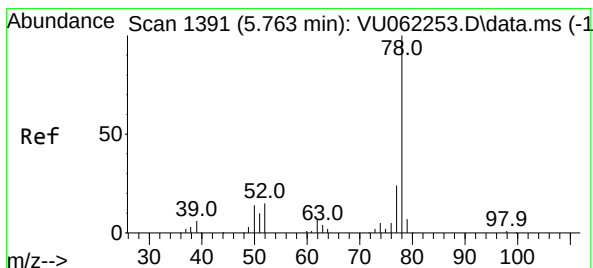
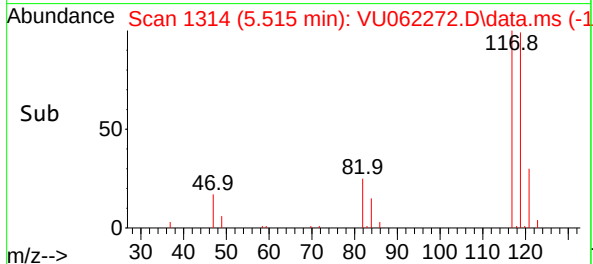
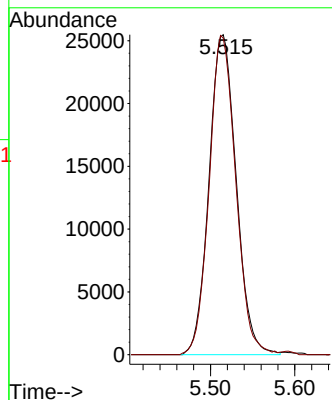
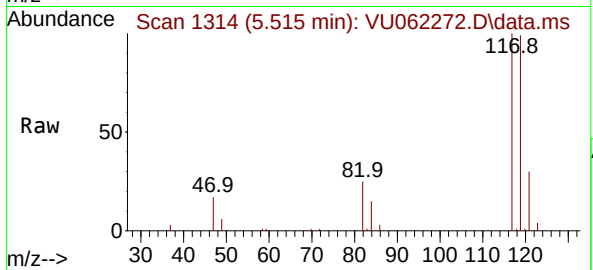




#31
Carbon tetrachloride
Concen: 5.017 ug/L
RT: 5.515 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

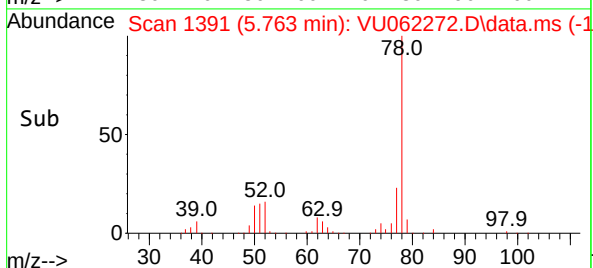
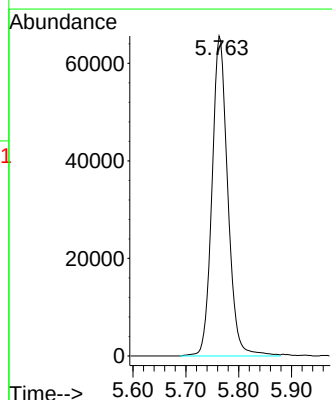
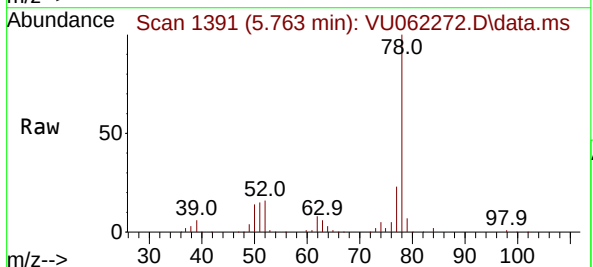
Instrument :
MSVOA_U
ClientSampleId :

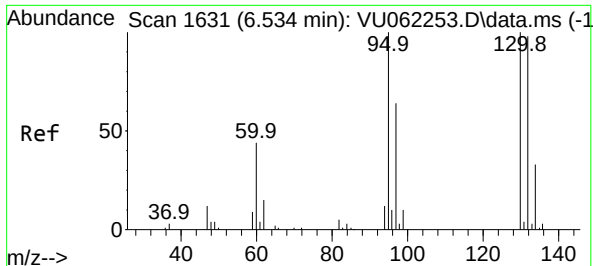
Tgt Ion:117 Resp: 57199
Ion Ratio Lower Upper
117 100
119 97.2 77.5 116.3



#33
Benzene
Concen: 4.975 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

Tgt Ion: 78 Resp: 136249

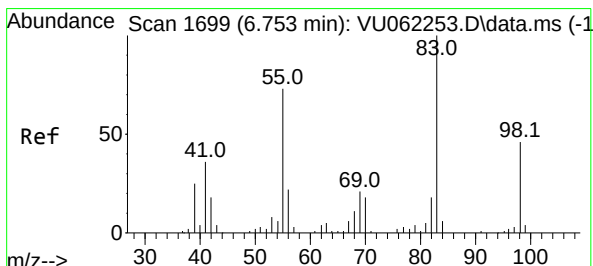
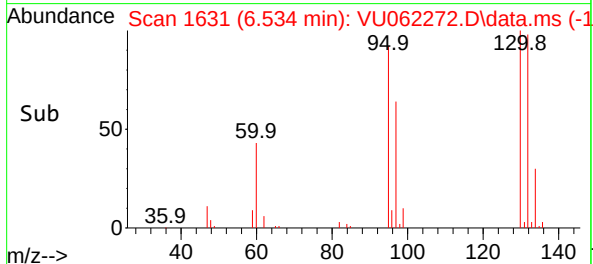
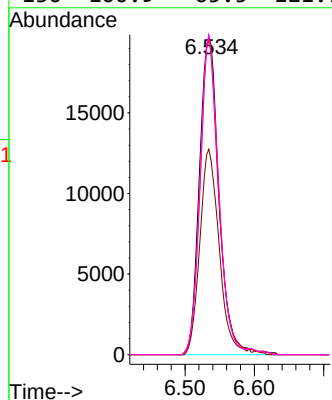
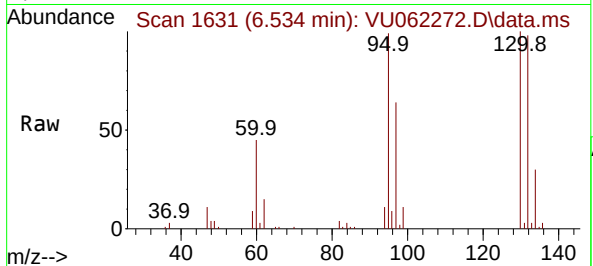




#34
Trichloroethene
Concen: 5.002 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

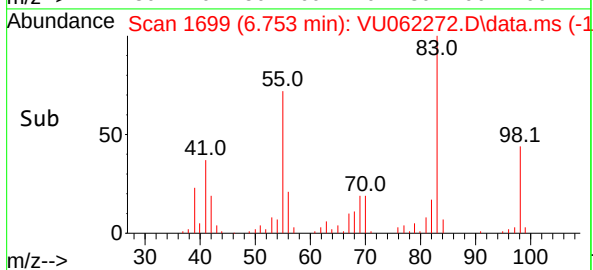
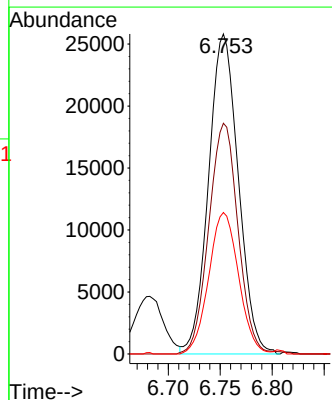
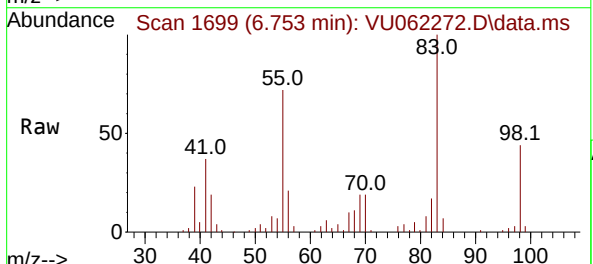
Instrument :
MSVOA_U
ClientSampleId :

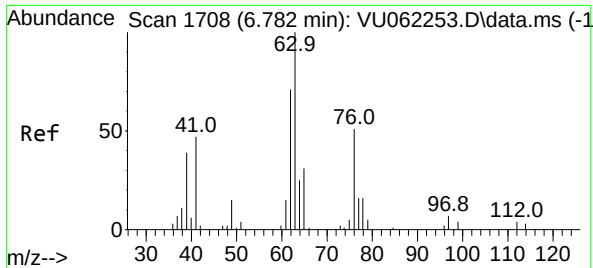
Tgt Ion: 95 Resp: 38806
Ion Ratio Lower Upper
95 100
97 64.8 45.9 85.3
132 99.3 63.8 118.4
130 100.9 65.5 121.7



#35
Methylcyclohexane
Concen: 4.474 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

Tgt Ion: 83 Resp: 51460
Ion Ratio Lower Upper
83 100
55 71.1 60.7 91.1
98 44.4 34.8 52.2

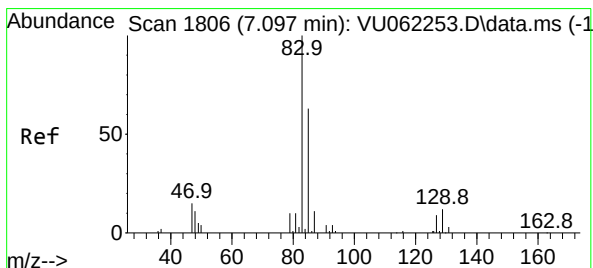
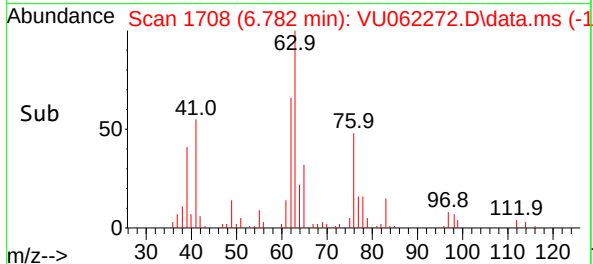
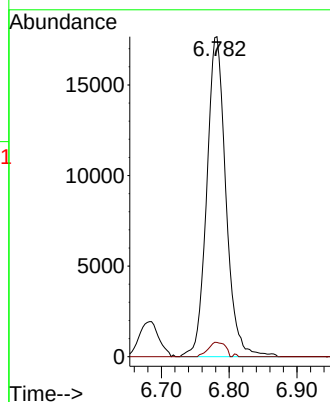
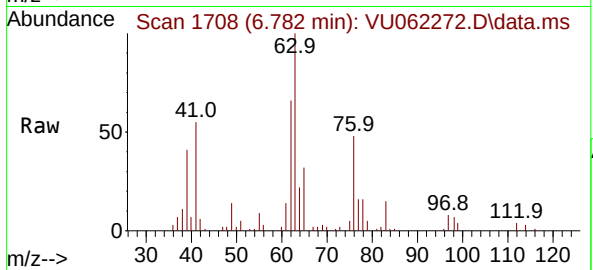




#37
1,2-Dichloropropane
Concen: 5.199 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

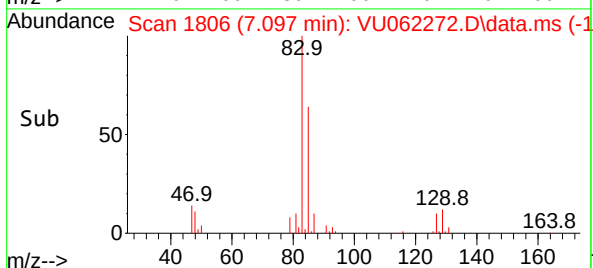
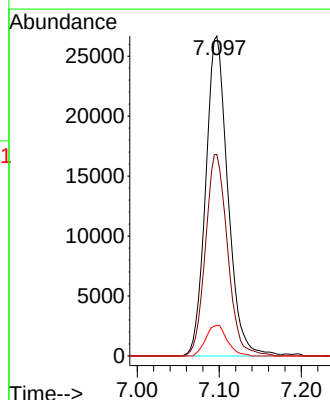
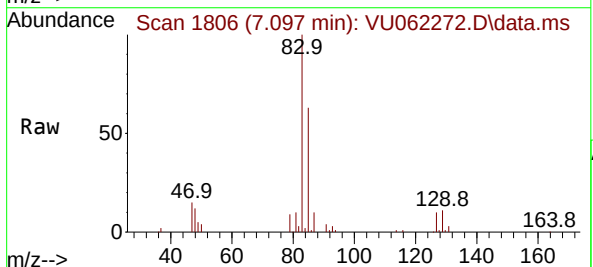
Instrument :
MSVOA_U
ClientSampleId :

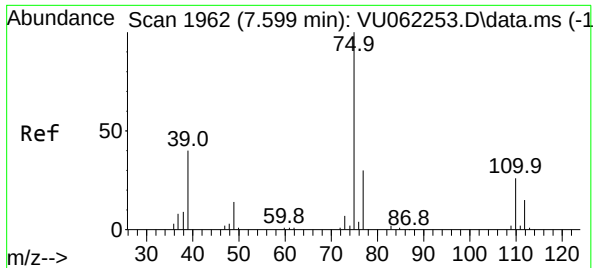
Tgt Ion: 63 Resp: 34676
Ion Ratio Lower Upper
63 100
112 2.3 3.4 5.0#



#38
Bromodichloromethane
Concen: 5.313 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

Tgt Ion: 83 Resp: 49994
Ion Ratio Lower Upper
83 100
85 62.9 44.1 81.9
127 9.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.652 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU062272.D

Acq: 12 Dec 2024 05:15

Instrument :

MSVOA_U

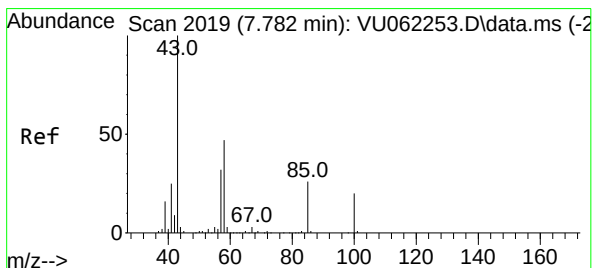
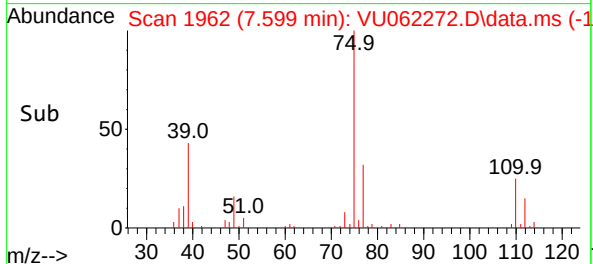
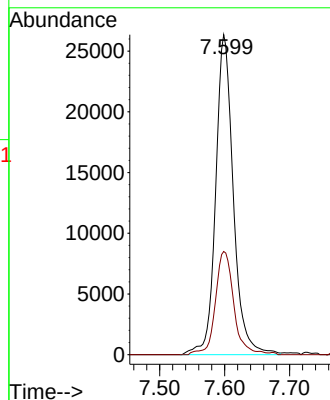
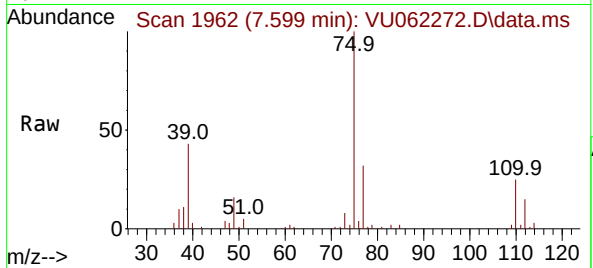
ClientSampleId :

Tgt Ion: 75 Resp: 49730

Ion Ratio Lower Upper

75 100

77 32.3 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 55.344 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU062272.D

Acq: 12 Dec 2024 05:15

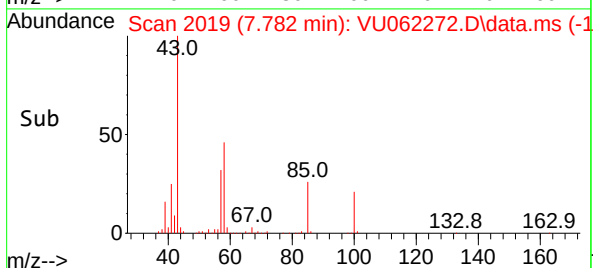
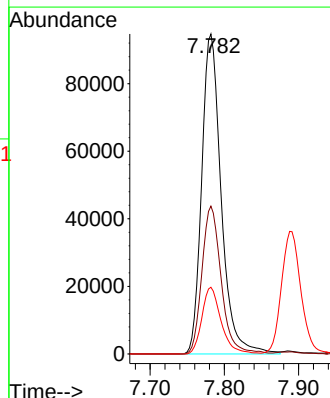
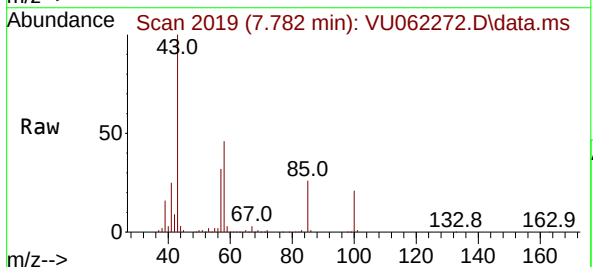
Tgt Ion: 43 Resp: 172996

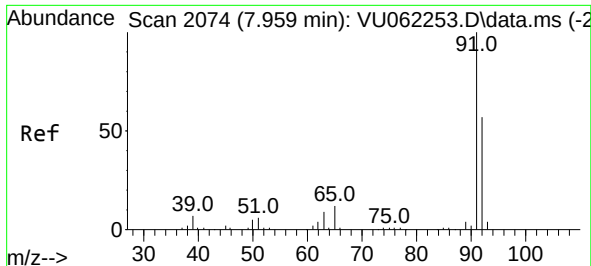
Ion Ratio Lower Upper

43 100

58 45.7 33.3 49.9

100 20.5 12.4 18.6#





#42

Toluene

Concen: 5.080 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU062272.D

Acq: 12 Dec 2024 05:15

Instrument :

MSVOA_U

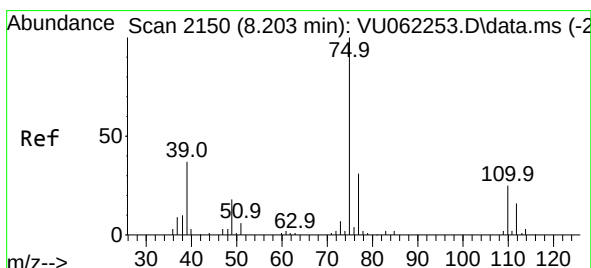
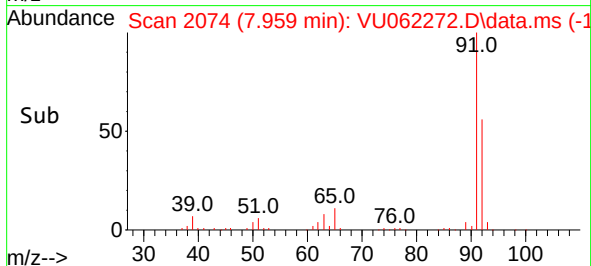
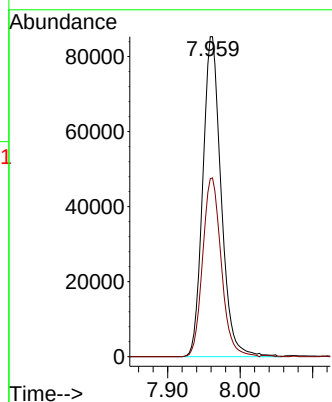
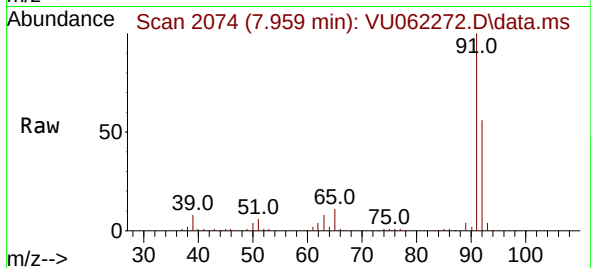
ClientSampleId :

Tgt Ion: 91 Resp: 150023

Ion Ratio Lower Upper

91 100

92 55.7 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.009 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU062272.D

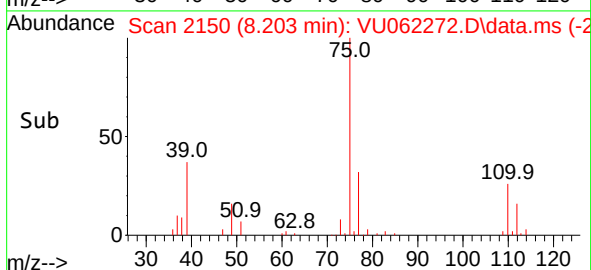
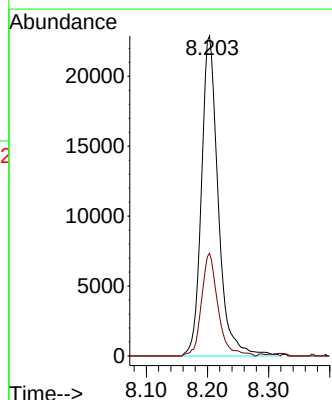
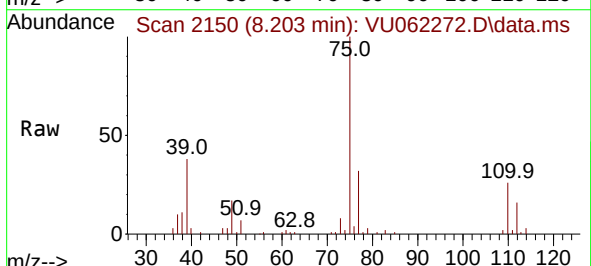
Acq: 12 Dec 2024 05:15

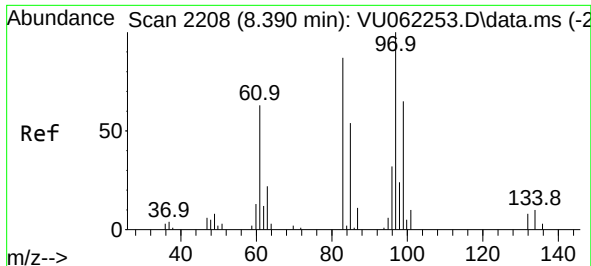
Tgt Ion: 75 Resp: 43727

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.4



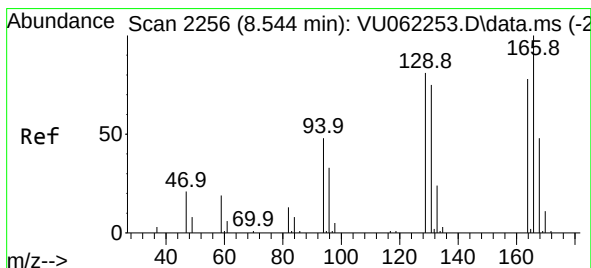
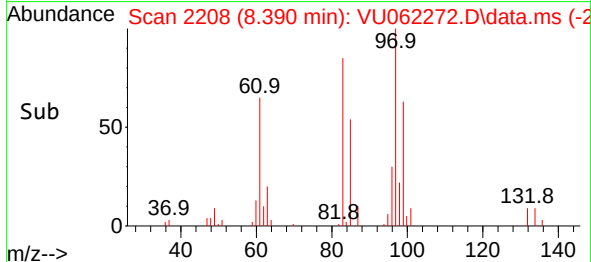
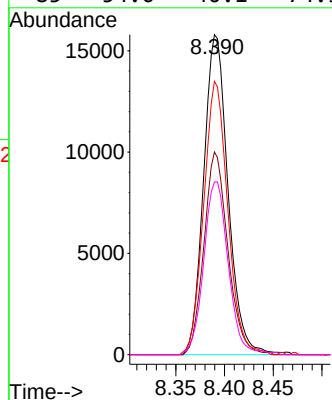
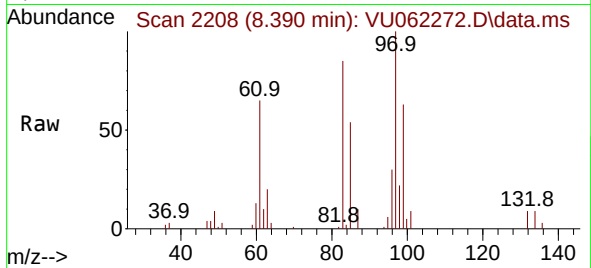


#45
1,1,2-Trichloroethane
Concen: 5.466 ug/L
RT: 8.390 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 27522

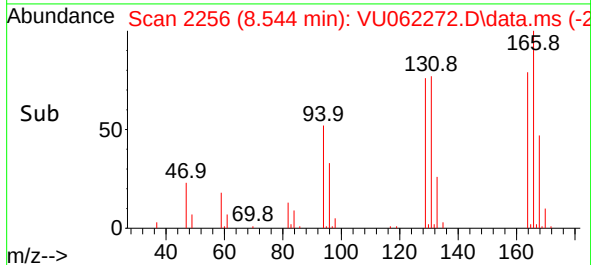
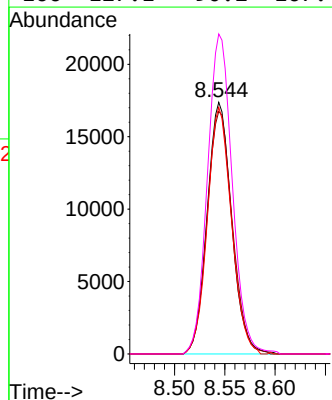
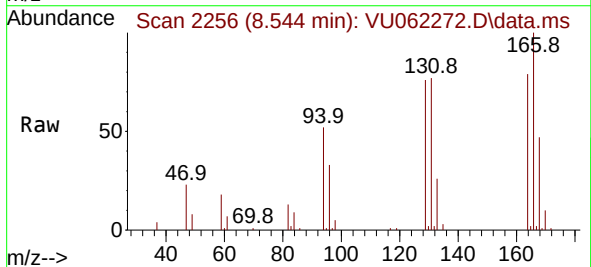
Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.0	79.8
83	85.4	61.7	114.5
85	54.0	40.1	74.5

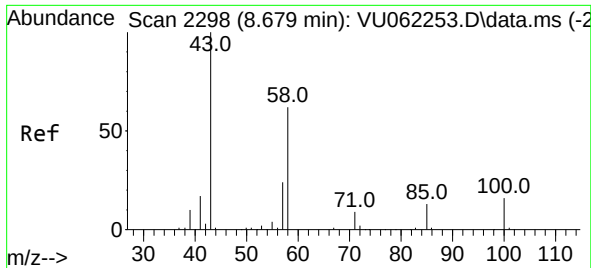


#47
Tetrachloroethene
Concen: 4.915 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

Tgt Ion: 164 Resp: 29439

Ion	Ratio	Lower	Upper
164	100		
129	96.3	73.2	136.0
131	97.9	72.3	134.3
166	127.1	90.2	167.4

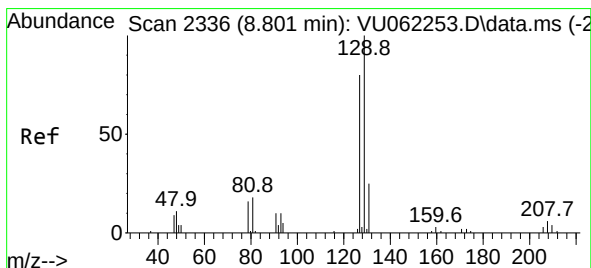
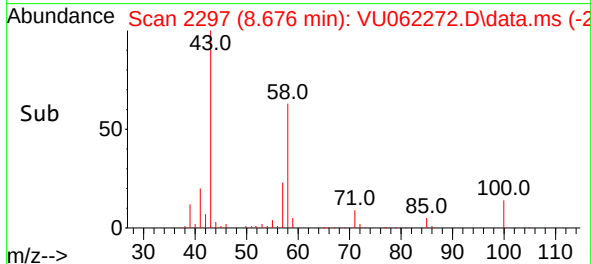
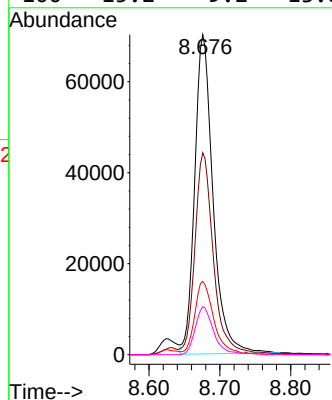
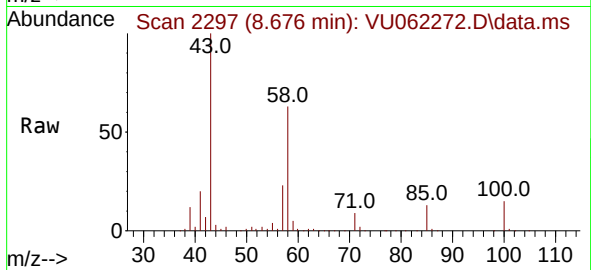




#48
2-Hexanone
Concen: 54.659 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

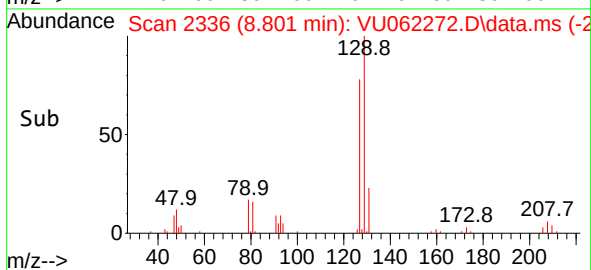
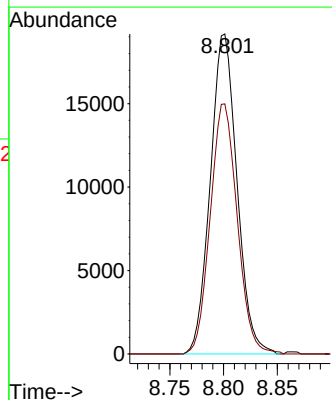
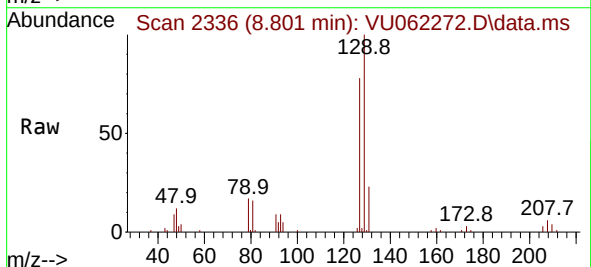
Instrument :
MSVOA_U
ClientSampleId :

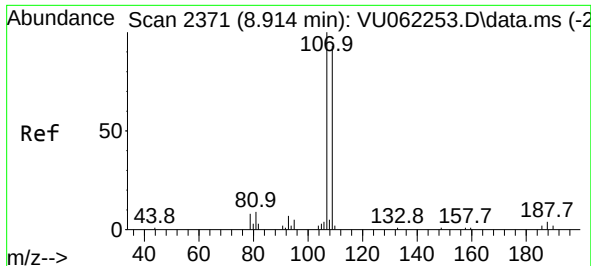
Tgt Ion: 43 Resp: 126267
Ion Ratio Lower Upper
43 100
58 63.3 47.5 71.3
57 23.0 15.6 23.4
100 15.2 9.2 13.8#



#49
Dibromochloromethane
Concen: 5.448 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

Tgt Ion:129 Resp: 33141
Ion Ratio Lower Upper
129 100
127 78.2 51.1 94.9

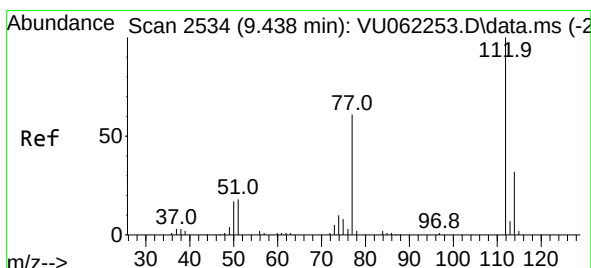
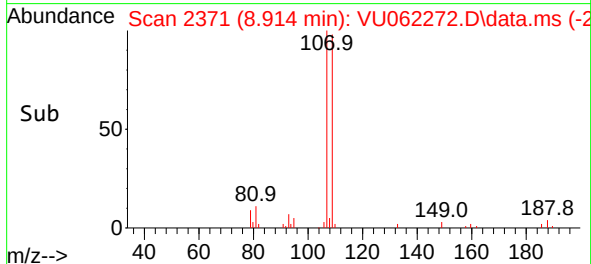
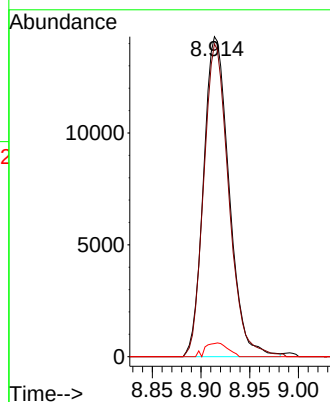
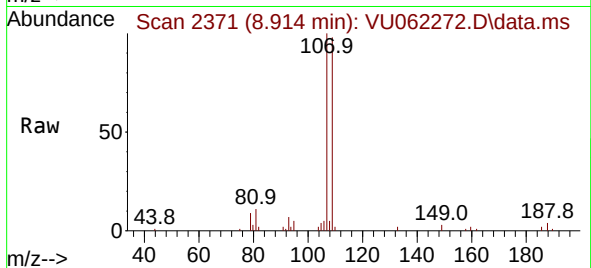




#50
1,2-Dibromoethane
Concen: 5.394 ug/L
RT: 8.914 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

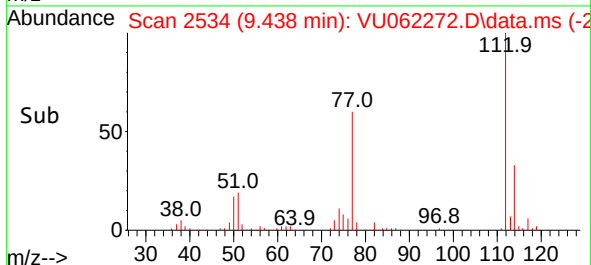
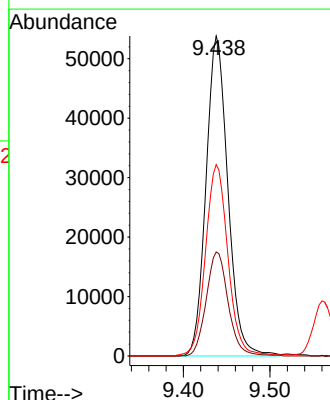
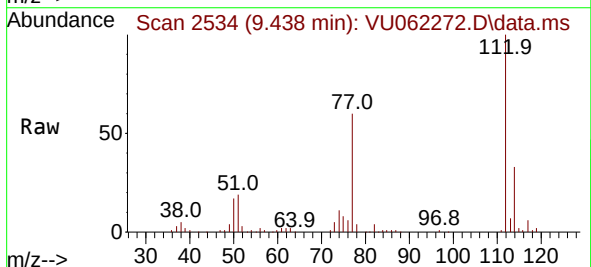
Instrument :
MSVOA_U
ClientSampleId :

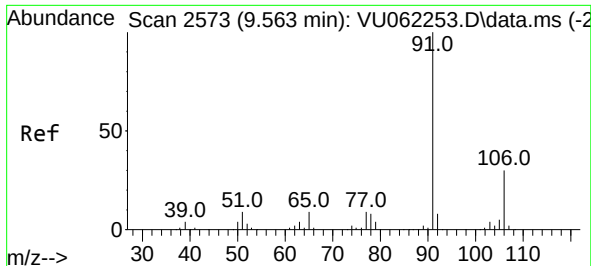
Tgt Ion:107 Resp: 26096
Ion Ratio Lower Upper
107 100
109 97.7 66.8 124.2
188 4.1 2.3 3.5#



#51
Chlorobenzene
Concen: 4.990 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

Tgt Ion:112 Resp: 94424
Ion Ratio Lower Upper
112 100
114 32.5 23.0 42.6
77 59.8 50.5 75.7

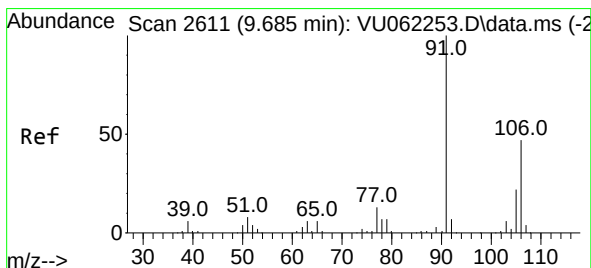
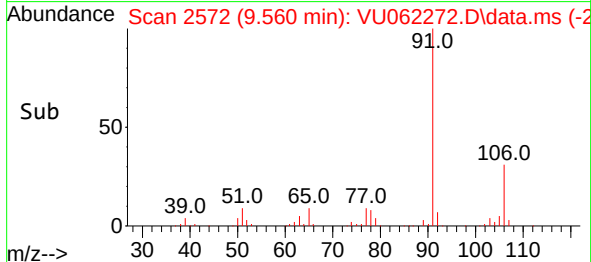
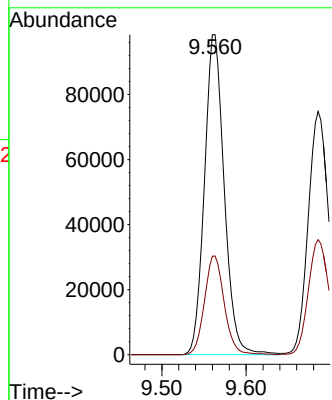
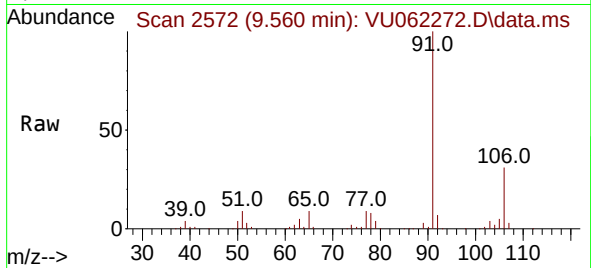




#52
Ethylbenzene
Concen: 4.864 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.003 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

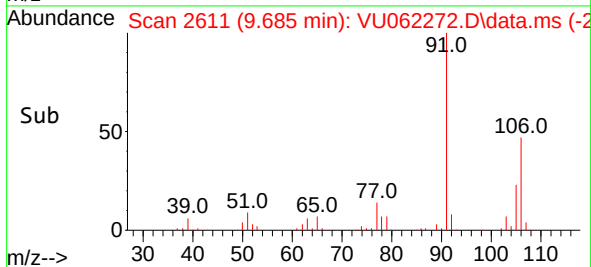
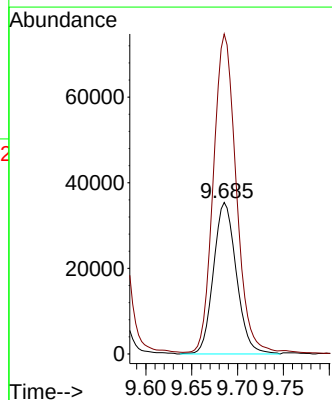
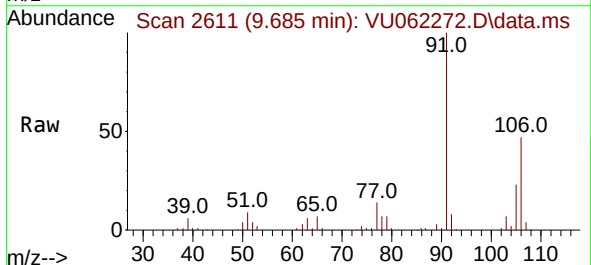
Instrument :
MSVOA_U
ClientSampleId :

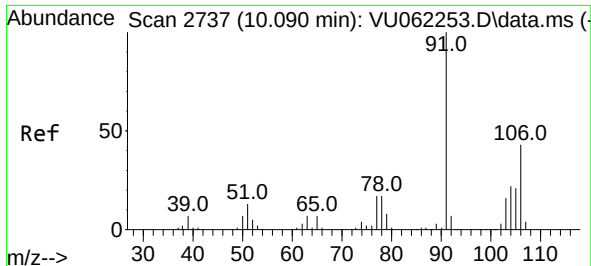
Tgt Ion: 91 Resp: 161040
Ion Ratio Lower Upper
91 100
106 30.7 21.6 40.0



#53
m,p-Xylene
Concen: 5.026 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

Tgt Ion:106 Resp: 61442
Ion Ratio Lower Upper
106 100
91 211.3 147.6 274.0

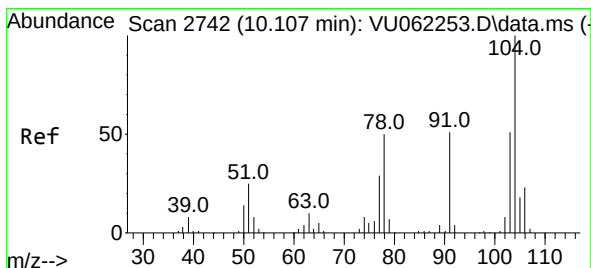
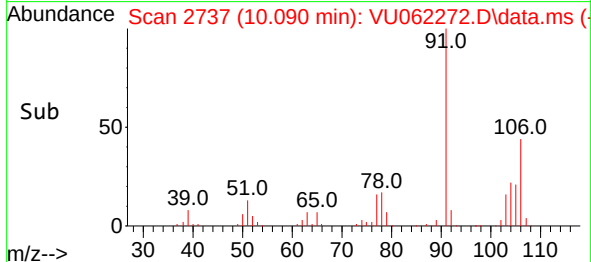
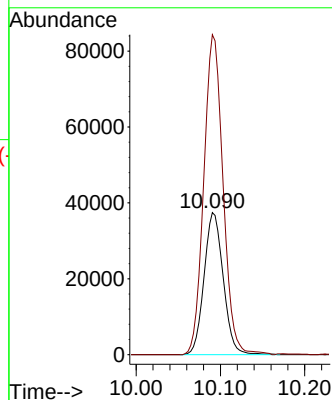
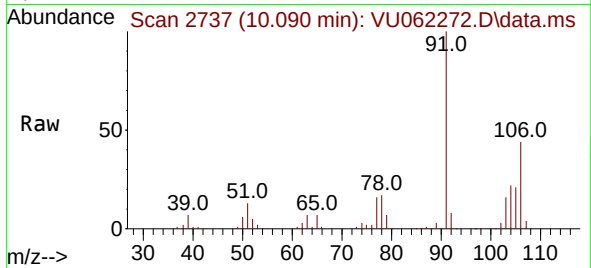




#54
o-Xylene
Concen: 5.000 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

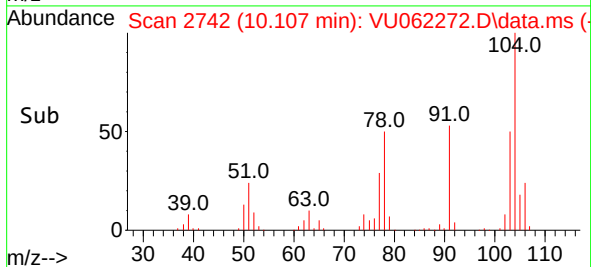
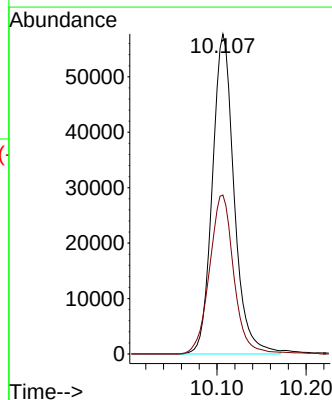
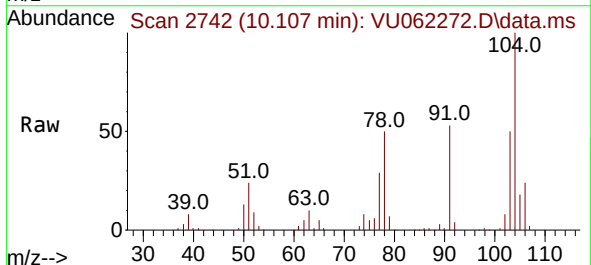
Instrument :
MSVOA_U
ClientSampleId :

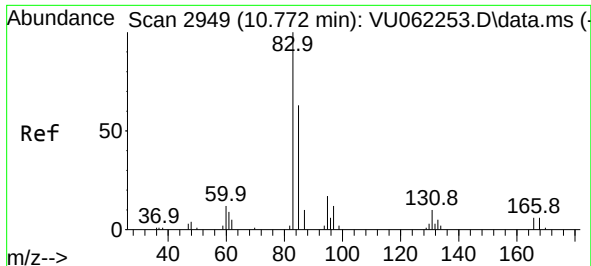
Tgt Ion:106 Resp: 59446
Ion Ratio Lower Upper
106 100
91 225.3 159.8 296.8



#55
Styrene
Concen: 5.001 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

Tgt Ion:104 Resp: 98010
Ion Ratio Lower Upper
104 100
78 49.6 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.393 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU062272.D

Acq: 12 Dec 2024 05:15

Instrument :

MSVOA_U

ClientSampleId :

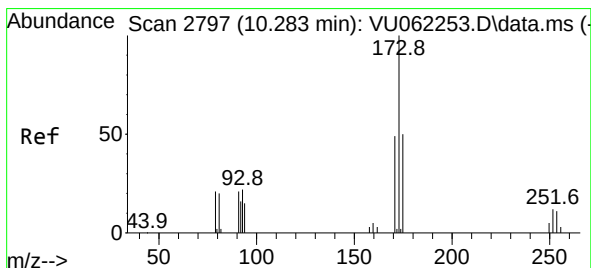
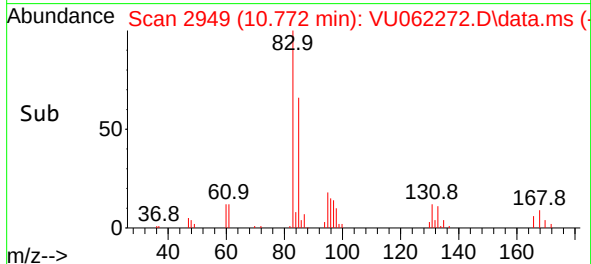
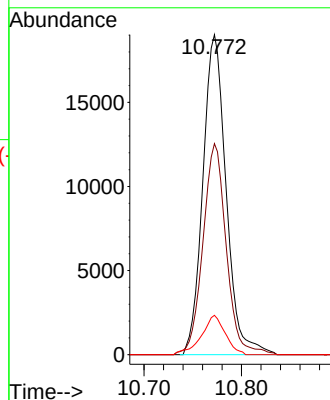
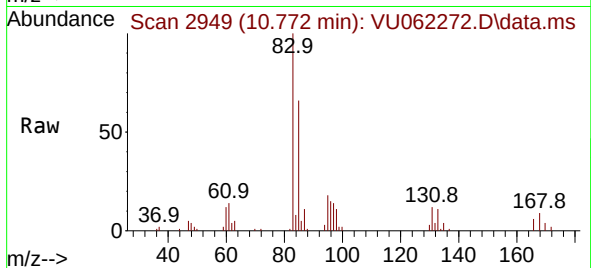
Tgt Ion: 83 Resp: 31602

Ion Ratio Lower Upper

83 100

85 65.9 44.4 82.4

131 12.3 7.3 10.9#



#59

Bromoform

Concen: 5.436 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU062272.D

Acq: 12 Dec 2024 05:15

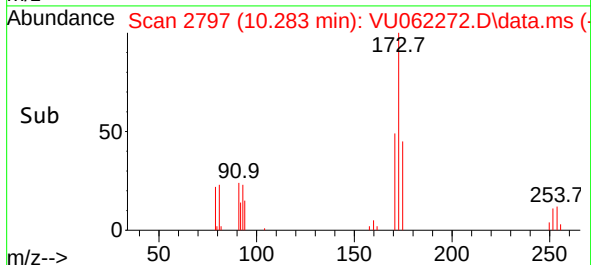
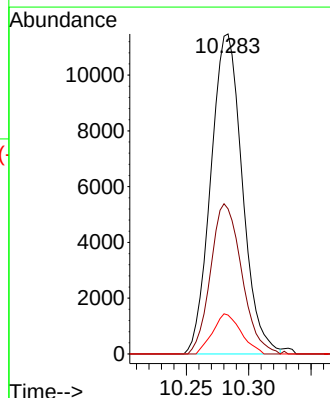
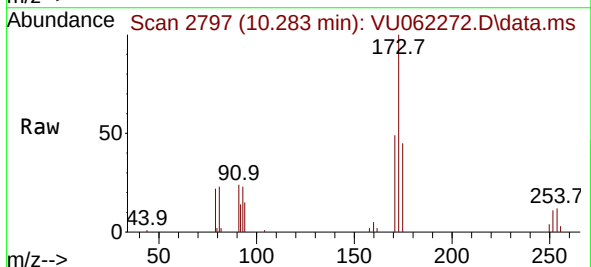
Tgt Ion:173 Resp: 20179

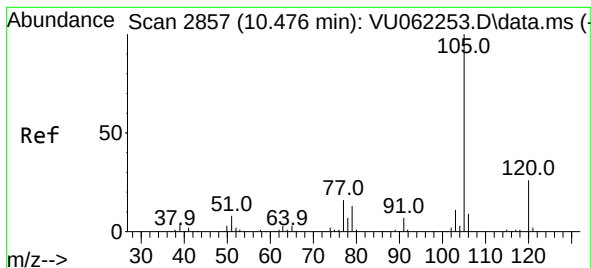
Ion Ratio Lower Upper

173 100

175 46.4 39.0 58.4

254 11.3 7.4 11.0#





#60

Isopropylbenzene

Concen: 4.795 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU062272.D

Acq: 12 Dec 2024 05:15

Instrument :

MSVOA_U

ClientSampleId :

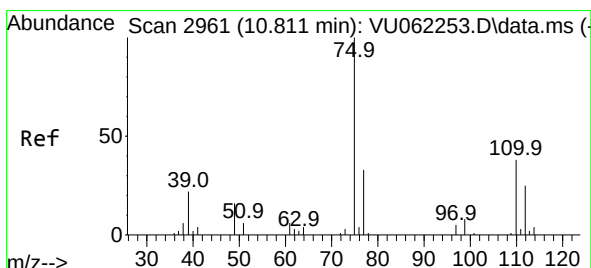
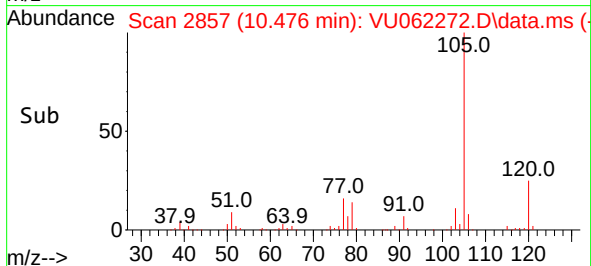
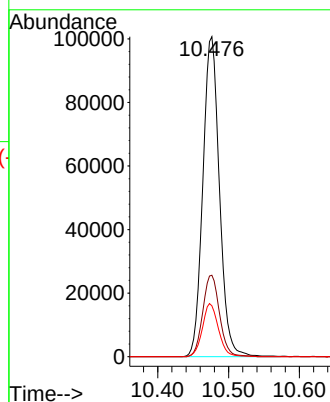
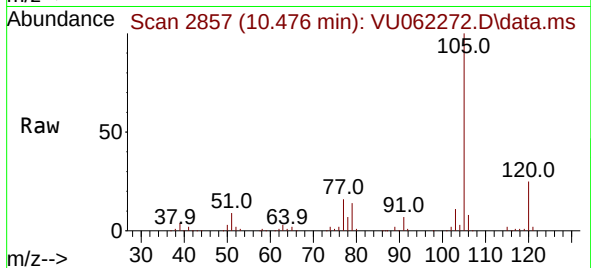
Tgt Ion:105 Resp: 163595

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

77 16.1 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 5.341 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.003 min

Lab File: VU062272.D

Acq: 12 Dec 2024 05:15

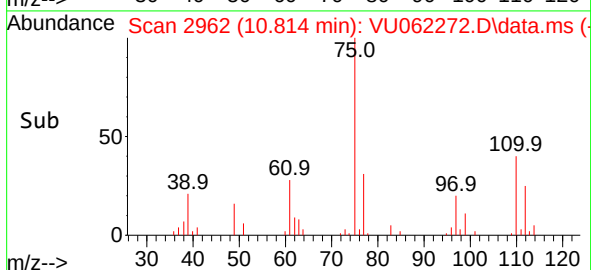
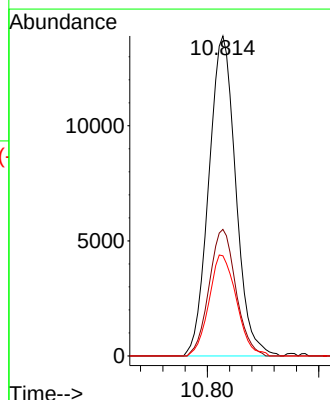
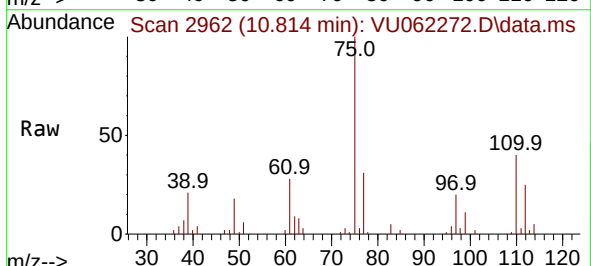
Tgt Ion: 75 Resp: 23327

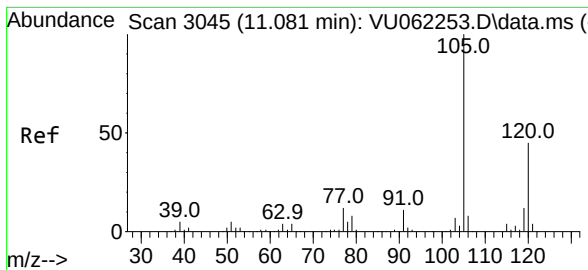
Ion Ratio Lower Upper

75 100

110 39.4 28.9 43.3

77 32.2 26.5 39.7

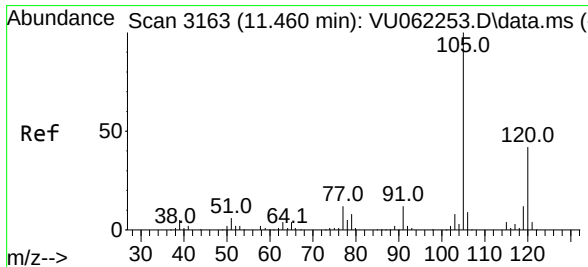
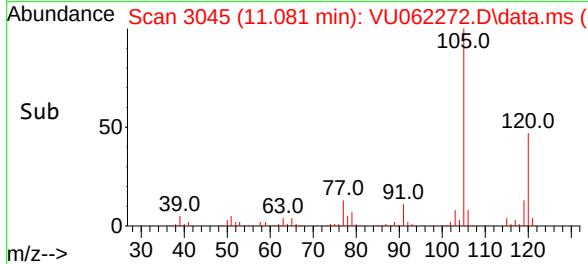
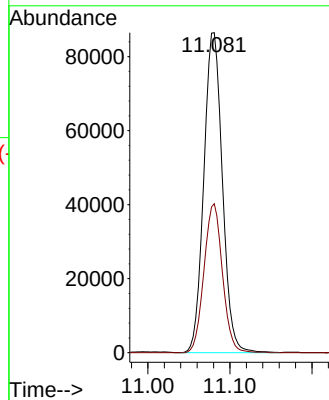
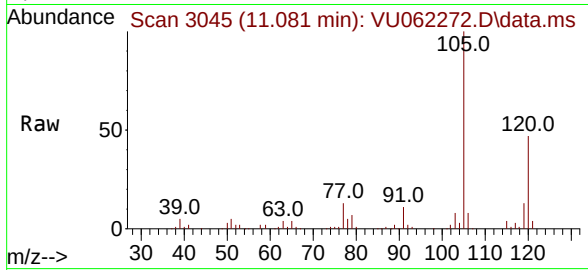




#62
1,3,5-Trimethylbenzene
Concen: 4.716 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

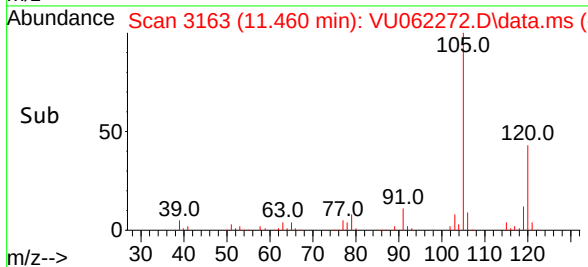
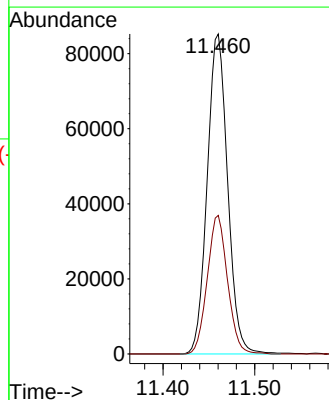
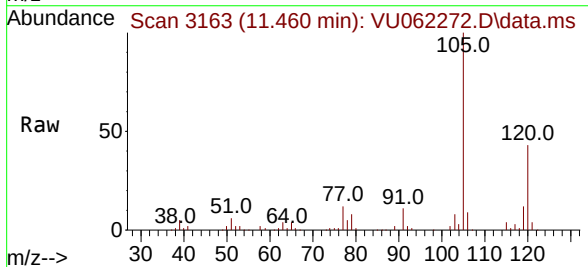
Instrument :
MSVOA_U
ClientSampleId :

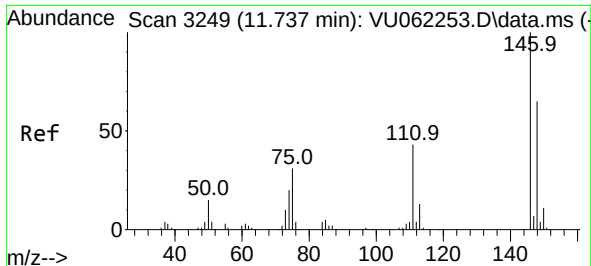
Tgt Ion:105 Resp: 136160
Ion Ratio Lower Upper
105 100
120 46.3 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 4.659 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

Tgt Ion:105 Resp: 131801
Ion Ratio Lower Upper
105 100
120 43.0 34.7 52.1

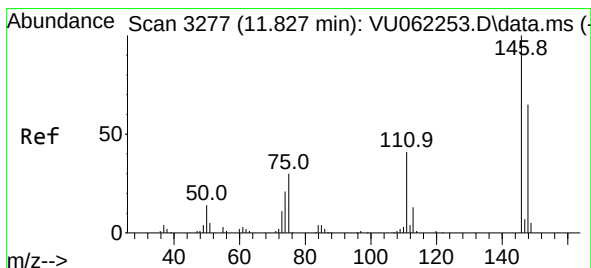
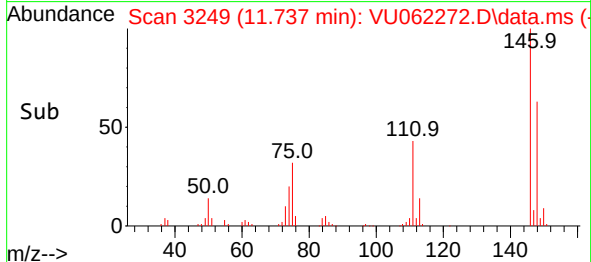
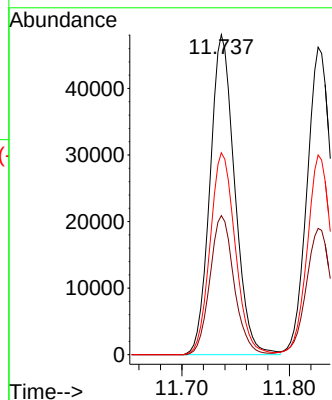
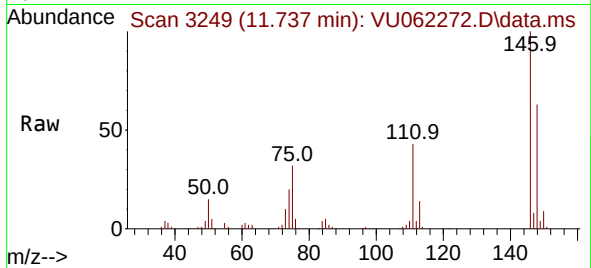




#64
1,3-Dichlorobenzene
Concen: 4.893 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

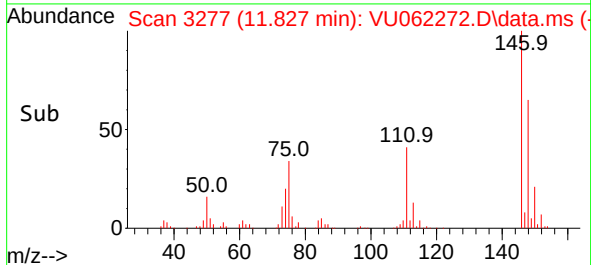
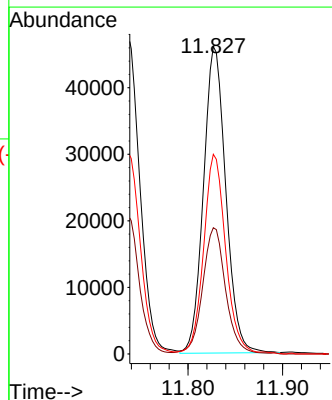
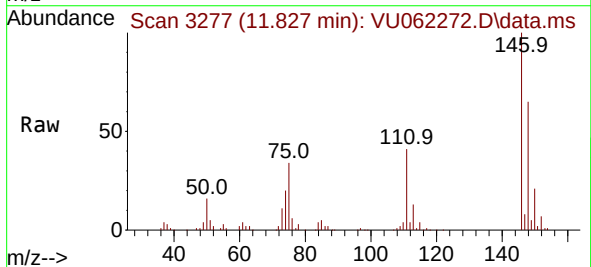
Instrument :
MSVOA_U
ClientSampleId :

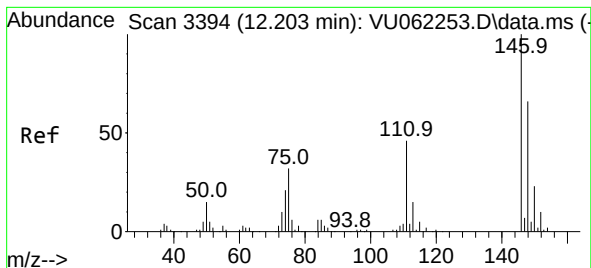
Tgt Ion:146 Resp: 76694
Ion Ratio Lower Upper
146 100
111 43.4 30.7 57.1
148 63.1 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.790 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

Tgt Ion:146 Resp: 75606
Ion Ratio Lower Upper
146 100
111 41.1 29.3 54.3
148 64.9 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.907 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU062272.D

Acq: 12 Dec 2024 05:15

Instrument :

MSVOA_U

ClientSampleId :

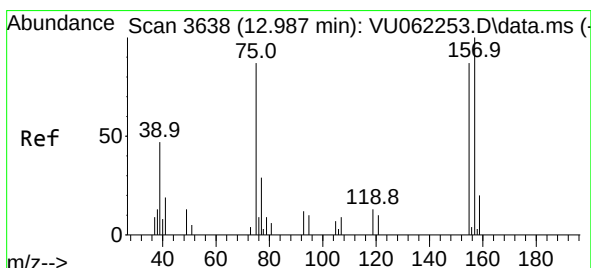
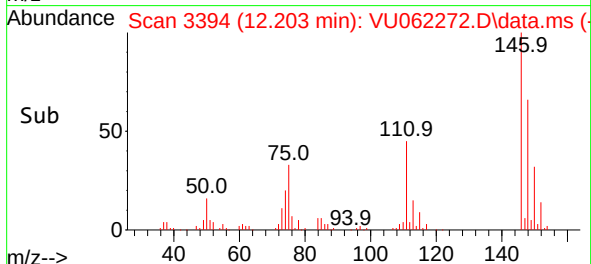
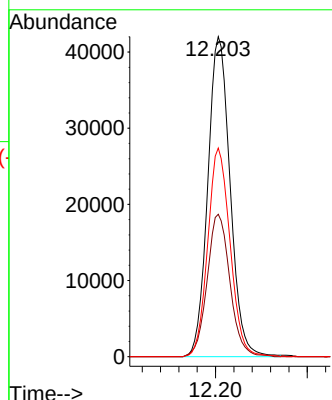
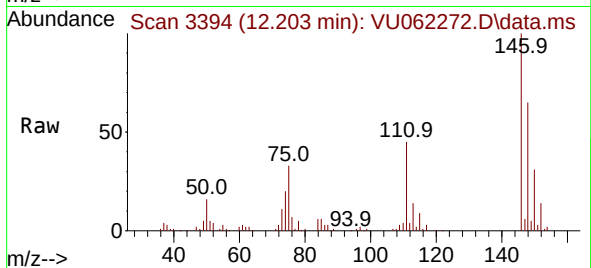
Tgt Ion:146 Resp: 71076

Ion Ratio Lower Upper

146 100

111 44.5 36.0 54.0

148 65.2 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.766 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU062272.D

Acq: 12 Dec 2024 05:15

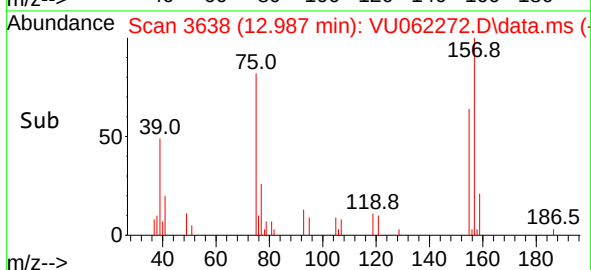
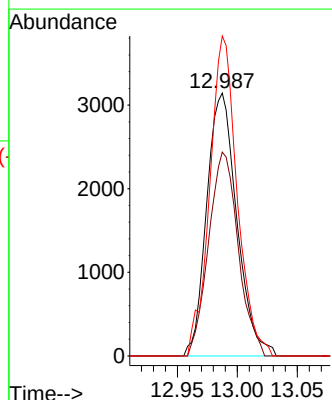
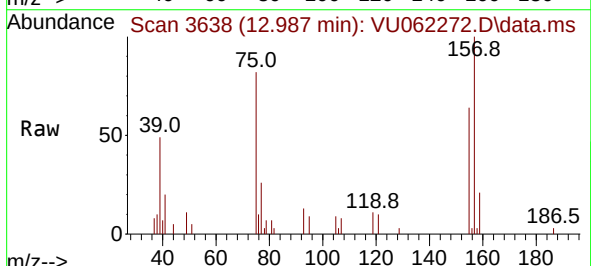
Tgt Ion: 75 Resp: 5493

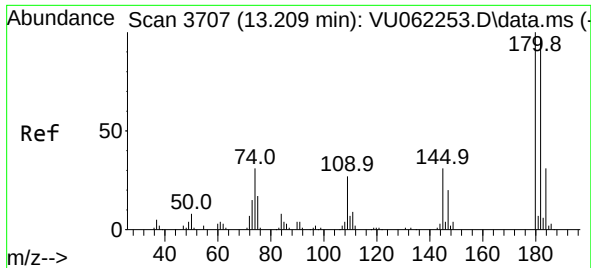
Ion Ratio Lower Upper

75 100

155 77.5 55.2 82.8

157 121.8 73.5 110.3#

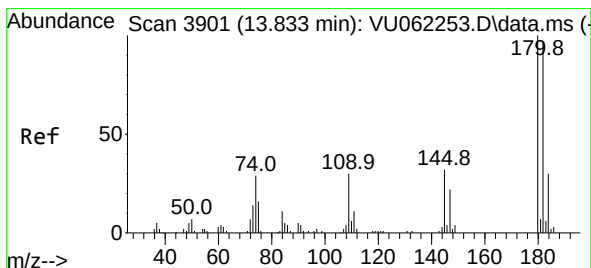
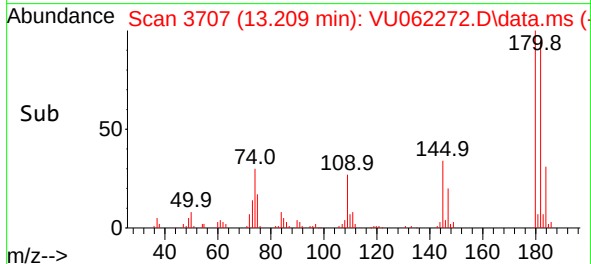
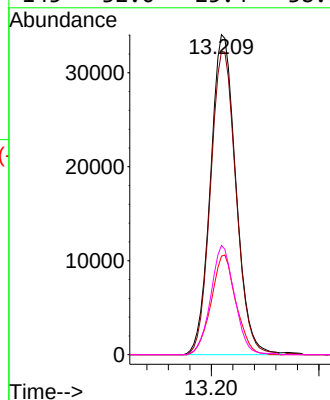
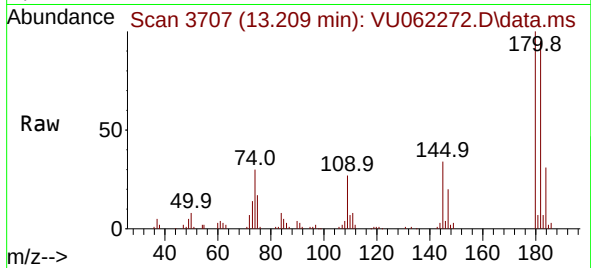




#69
 1,3,5-Trichlorobenzene
 Concen: 4.799 ug/L
 RT: 13.209 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU062272.D
 Acq: 12 Dec 2024 05:15

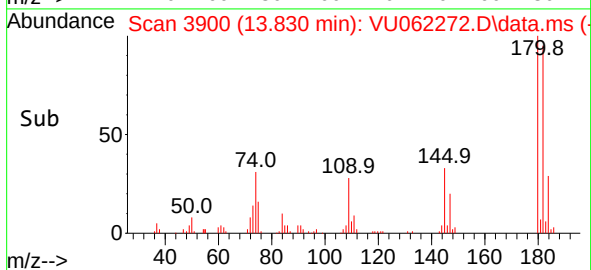
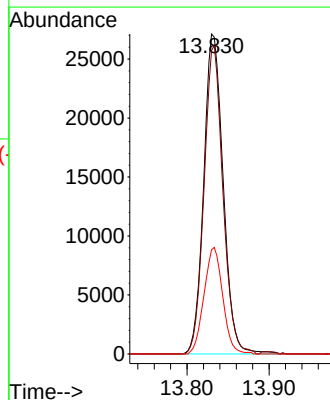
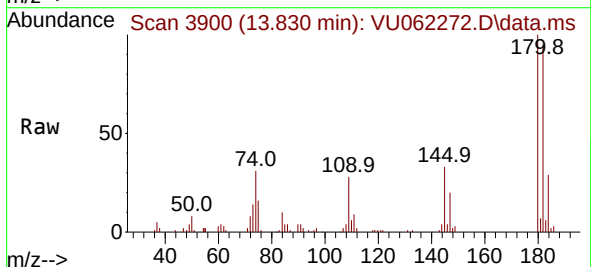
Instrument :
 MSVOA_U
 ClientSampleId :

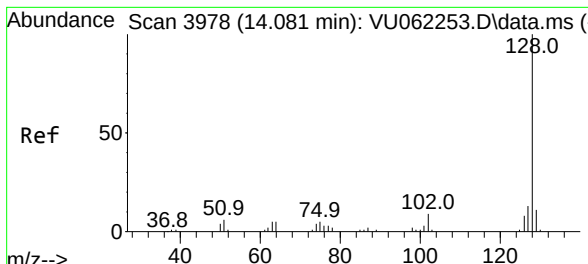
Tgt Ion:180	Resp:	55912
Ion Ratio	Lower	Upper
180	100	
182	94.9	76.7 115.1
184	30.3	24.8 37.2
145	32.0	25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 4.860 ug/L
 RT: 13.830 min Scan# 3900
 Delta R.T. -0.003 min
 Lab File: VU062272.D
 Acq: 12 Dec 2024 05:15

Tgt Ion:180	Resp:	44704
Ion Ratio	Lower	Upper
180	100	
182	93.2	74.5 111.7
145	32.0	25.6 38.4

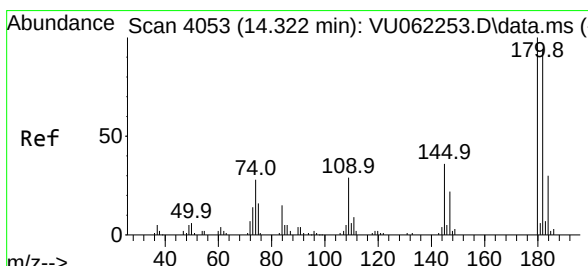
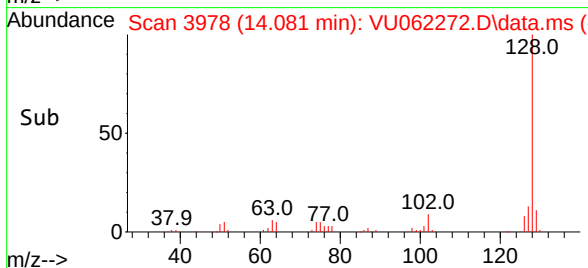
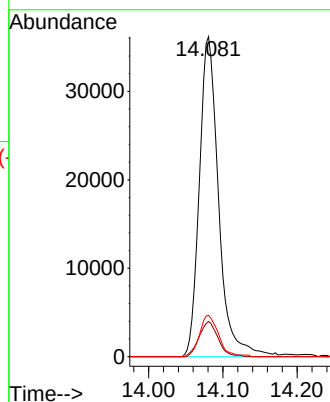
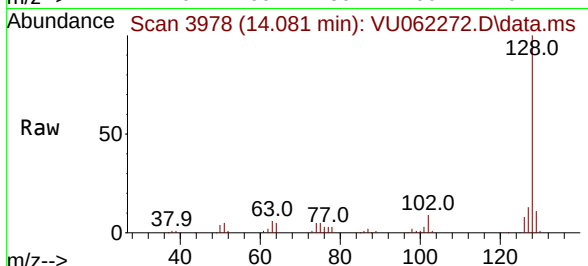




#71
Naphthalene
Concen: 4.735 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp: 65405
Ion Ratio	Lower Upper
128	100
129	10.8 8.5 12.7
127	12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.910 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU062272.D
Acq: 12 Dec 2024 05:15

Tgt Ion:180	Resp: 39835
Ion Ratio	Lower Upper
180	100
182	94.4 76.1 114.1
145	33.0 27.4 41.0

