

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
 Data File : VU059366.D
 Acq On : 20 Jun 2024 09:20
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 21 05:50:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 05:32:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	219639	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	220170	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	116332	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	50369	38.301	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.600%
7) Chloroethane-d5	1.907	69	47713	42.355	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.700%
11) 1,1-Dichloroethene-d2	2.563	63	104965	40.437	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.880%
21) 2-Butanone-d5	4.611	46	88848	71.678	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.680%
24) Chloroform-d	5.055	84	115777	44.224	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.440%
26) 1,2-Dichloroethane-d4	5.695	65	69730	43.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.920%
32) Benzene-d6	5.721	84	223383	44.206	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.420%
36) 1,2-Dichloropropane-d6	6.685	67	71319	40.933	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.860%
41) Toluene-d8	7.894	98	204531	47.679	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.360%
43) trans-1,3-Dichloroprop...	8.174	79	29523	41.919	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.840%
47) 2-Hexanone-d5	8.627	63	58519	72.630	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.630%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	115819	39.277	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.560%
66) 1,2-Dichlorobenzene-d4	12.187	152	80194	46.193	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.380	85	95028	42.701	ug/L	99
3) Chloromethane	1.518	50	96998	37.713	ug/L	97
5) Vinyl chloride	1.602	62	112319	44.442	ug/L	99
6) Bromomethane	1.850	94	73995	36.596	ug/L	98
8) Chloroethane	1.927	64	67984	43.137	ug/L	97
9) Trichlorofluoromethane	2.132	101	143335	48.738	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	88005	51.432	ug/L	91
12) 1,1-Dichloroethene	2.573	96	78974	50.886	ug/L	81
13) Acetone	2.615	43	119286	81.873	ug/L	96
14) Carbon disulfide	2.788	76	231465	44.284	ug/L	100
15) Methyl Acetate	2.939	43	91120	39.482	ug/L	94
16) Methylene chloride	3.039	84	93903	44.718	ug/L	89
17) trans-1,2-Dichloroethene	3.345	96	82938	49.513	ug/L	88
18) Methyl tert-butyl Ether	3.354	73	244676	44.968	ug/L	96
19) 1,1-Dichloroethane	3.859	63	156207	43.506	ug/L	96
20) cis-1,2-Dichloroethene	4.660	96	95273	49.912	ug/L	89
22) 2-Butanone	4.692	43	145661	82.578	ug/L	94
23) Bromochloromethane	4.965	128	50513	52.244	ug/L	83
25) Chloroform	5.078	83	165448	47.589	ug/L	96

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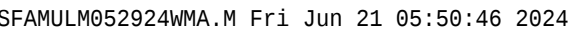
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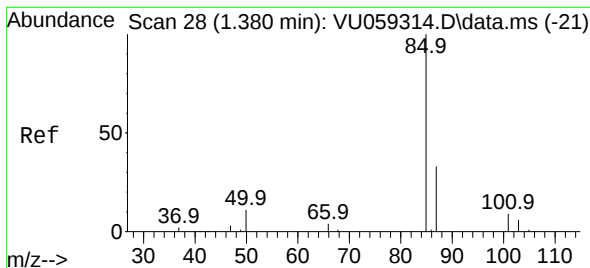
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 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 05:32:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	127762	43.501	ug/L	96
29) Cyclohexane	5.383	56	120893	41.129	ug/L	91
30) 1,1,1-Trichloroethane	5.309	97	134959	47.145	ug/L	96
31) Carbon tetrachloride	5.518	117	114371	49.187	ug/L	100
33) Benzene	5.766	78	364187	45.809	ug/L	100
34) Trichloroethene	6.537	95	97207	49.935	ug/L	93
35) Methylcyclohexane	6.759	83	139104	48.600	ug/L	93
37) 1,2-Dichloropropane	6.785	63	96677	42.824	ug/L #	98
38) Bromodichloromethane	7.100	83	124612	47.387	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	142142	45.507	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	243085	82.134	ug/L #	94
42) Toluene	7.965	91	402860	50.482	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	131910	46.648	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	99713	49.126	ug/L	98
46) Tetrachloroethene	8.550	164	75651	58.343	ug/L	92
48) 2-Hexanone	8.676	43	205098	82.167	ug/L #	97
49) Dibromochloromethane	8.804	129	97407	53.101	ug/L	99
50) 1,2-Dibromoethane	8.917	107	103899	49.623	ug/L	97
51) Chlorobenzene	9.441	112	247500	51.386	ug/L	96
52) Ethylbenzene	9.566	91	409329	49.753	ug/L	97
53) m,p-Xylene	9.688	106	160820	53.187	ug/L	93
54) o-Xylene	10.097	106	154972	52.885	ug/L	91
55) Styrene	10.110	104	271383	54.484	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.775	83	164041	44.365	ug/L	96
59) Bromoform	10.283	173	79864	52.360	ug/L	98
60) 1,2,3-Trichloropropane	10.817	75	131727	40.719	ug/L	99
61) Isopropylbenzene	10.479	105	405434	49.538	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	289094	48.752	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	317264	49.355	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	204078	53.352	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	201588	51.029	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	199717	49.955	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	36151	44.079	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.216	180	140033	55.432	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	117552	58.261	ug/L	98
71) Naphthalene	14.081	128	356529	55.825	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	122867	59.897	ug/L	97

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

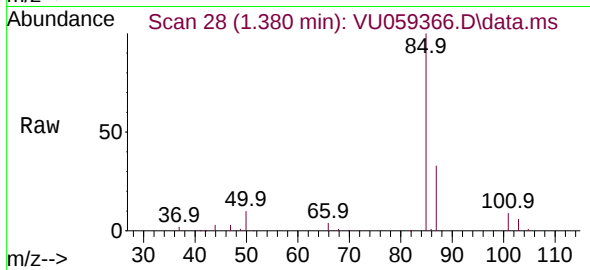
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Quant Title : VOC Analysis
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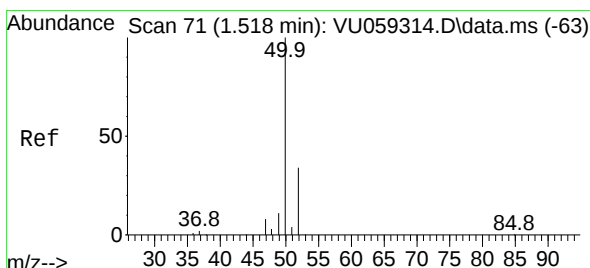
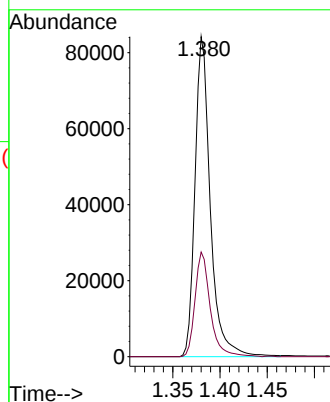
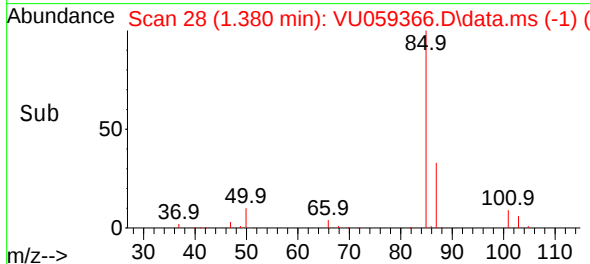


#2
 Dichlorodifluoromethane
 Concen: 42.701 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU059366.D
 Acq: 20 Jun 2024 09:20

Instrument :
 MSVOA_U
 ClientSampleId :

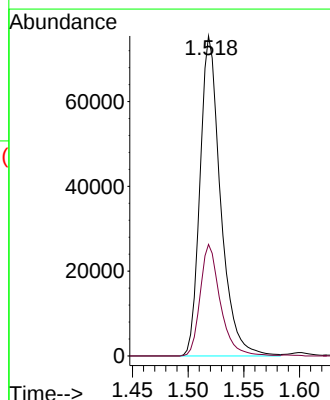
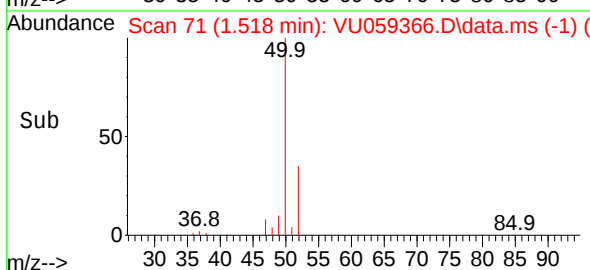
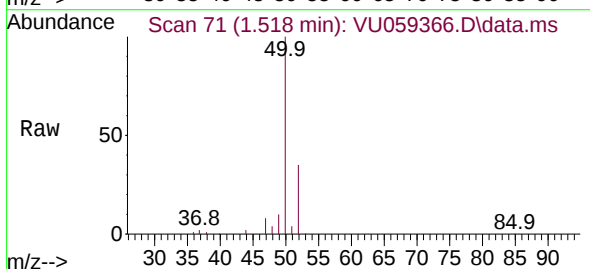


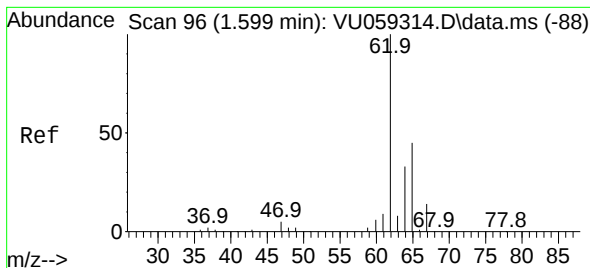
Tgt Ion: 85 Resp: 95028
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.4 38.2



#3
 Chloromethane
 Concen: 37.713 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU059366.D
 Acq: 20 Jun 2024 09:20

Tgt Ion: 50 Resp: 96998
 Ion Ratio Lower Upper
 50 100
 52 34.9 23.2 43.2





#5

Vinyl chloride

Concen: 44.442 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

Instrument :

MSVOA_U

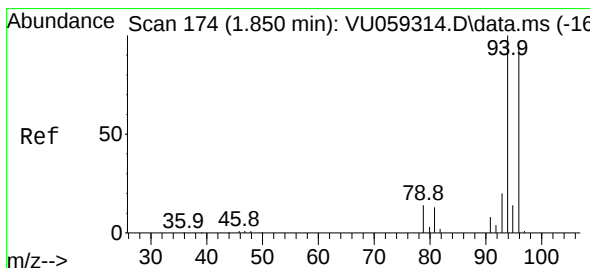
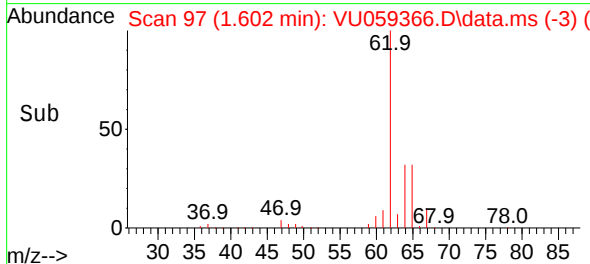
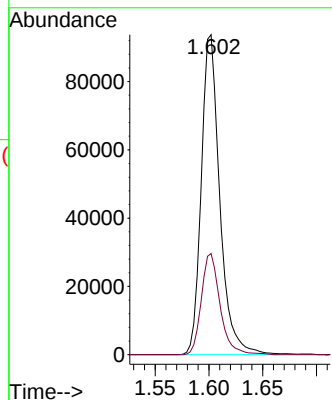
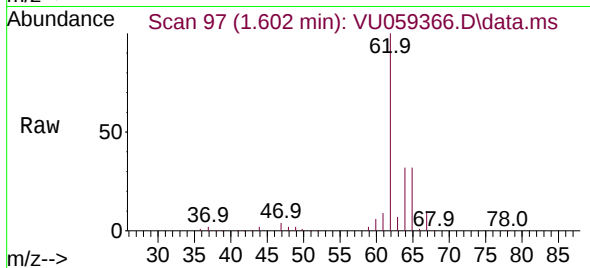
ClientSampleId :

Tgt Ion: 62 Resp: 112319

Ion Ratio Lower Upper

62 100

64 31.6 22.5 41.7



#6

Bromomethane

Concen: 36.596 ug/L

RT: 1.850 min Scan# 174

Delta R.T. -0.000 min

Lab File: VU059366.D

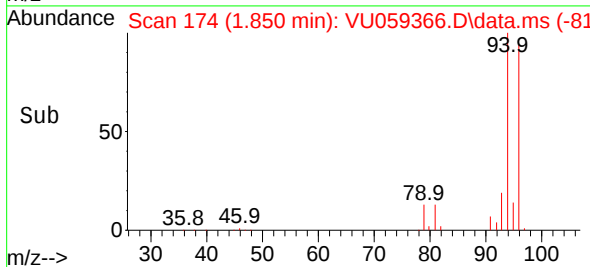
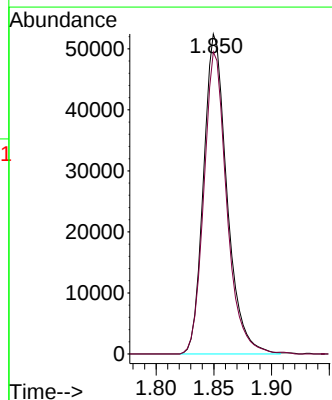
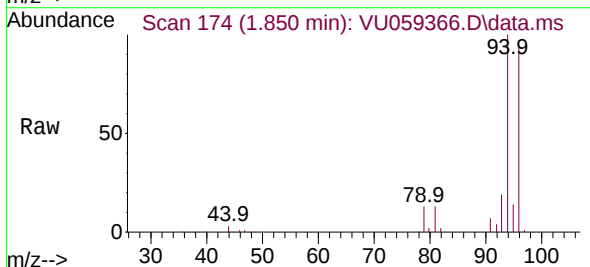
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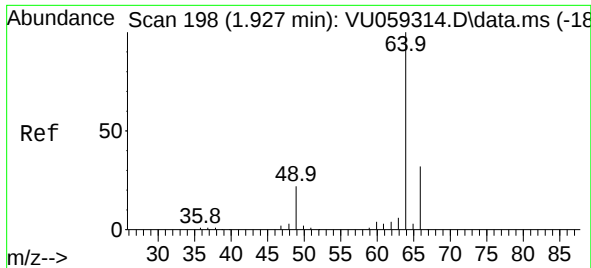
Tgt Ion: 94 Resp: 73995

Ion Ratio Lower Upper

94 100

96 94.4 67.1 124.7

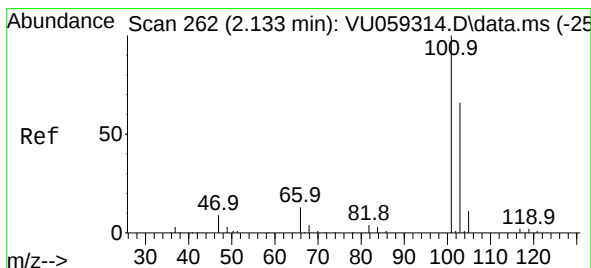
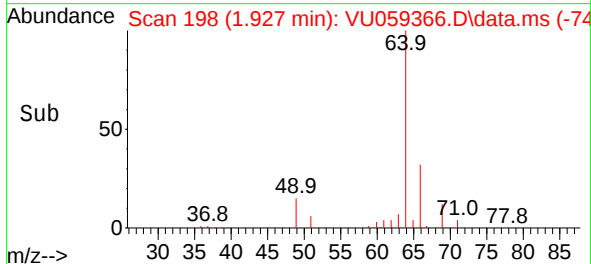
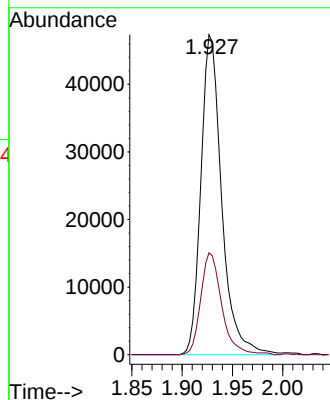
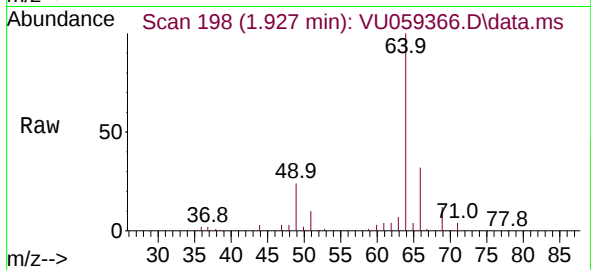




#8
Chloroethane
Concen: 43.137 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU059366.D
Acq: 20 Jun 2024 09:20

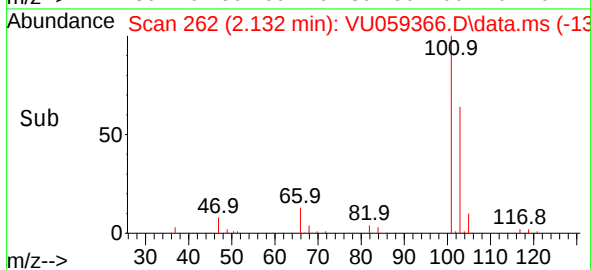
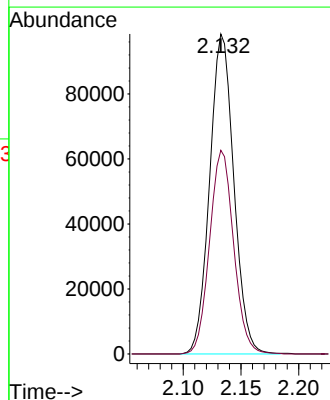
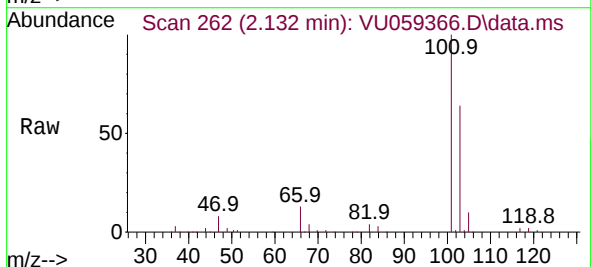
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MSVOA_U
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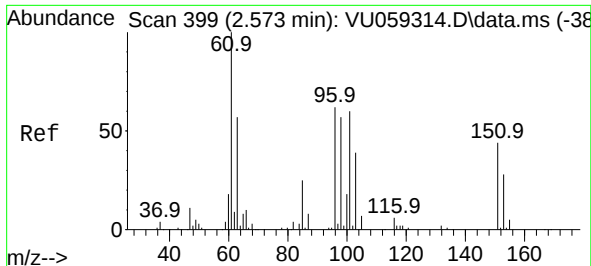
Tgt Ion: 64 Resp: 67984
Ion Ratio Lower Upper
64 100
66 33.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 48.738 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU059366.D
Acq: 20 Jun 2024 09:20

Tgt Ion:101 Resp: 143335
Ion Ratio Lower Upper
101 100
103 63.3 51.8 77.6

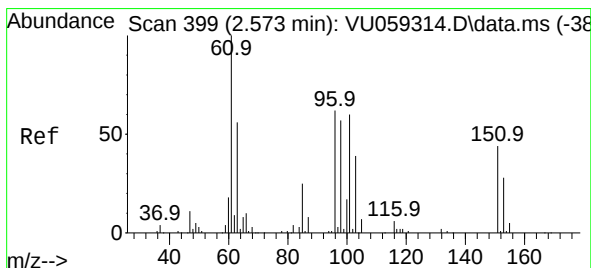
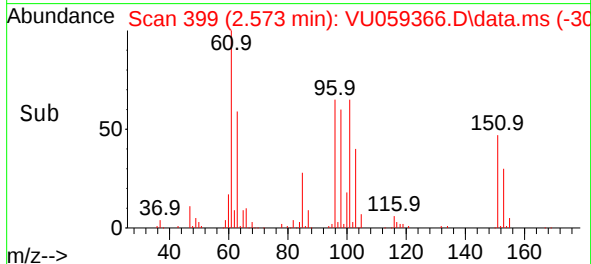
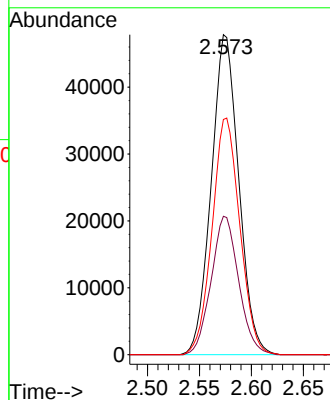
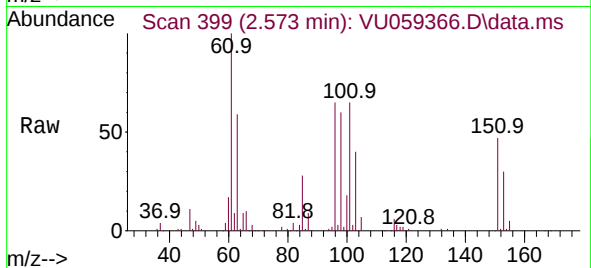




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.432 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU059366.D
 Acq: 20 Jun 2024 09:20

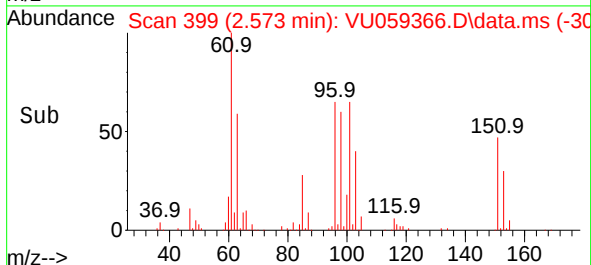
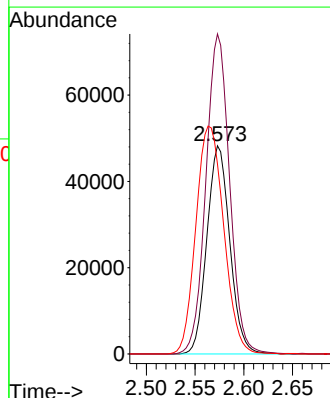
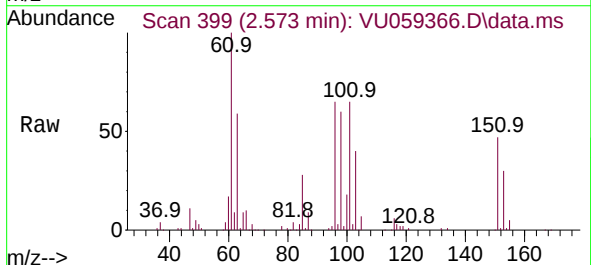
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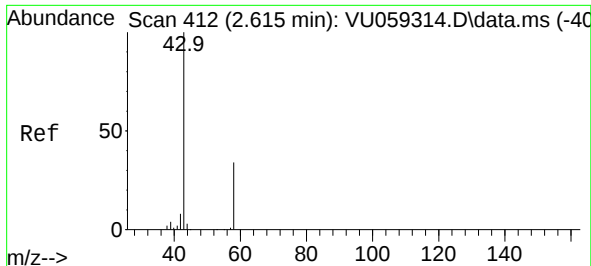
Tgt Ion:101 Resp: 88005
 Ion Ratio Lower Upper
 101 100
 85 43.4 36.7 55.1
 151 74.6 52.2 78.2



#12
 1,1-Dichloroethene
 Concen: 50.886 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU059366.D
 Acq: 20 Jun 2024 09:20

Tgt Ion: 96 Resp: 78974
 Ion Ratio Lower Upper
 96 100
 61 153.7 126.3 234.6
 63 91.3 78.7 146.1





#13

Acetone

Concen: 81.873 ug/L

RT: 2.615 min Scan# 412

Delta R.T. -0.000 min

Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

Instrument :

MSVOA_U

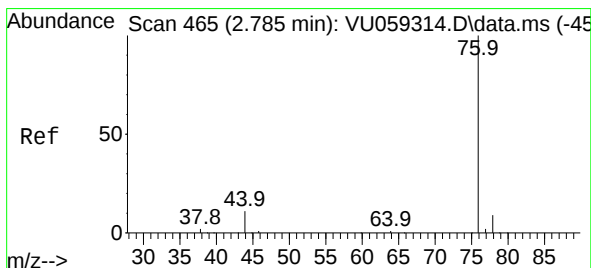
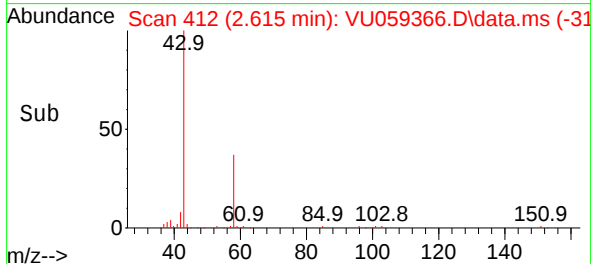
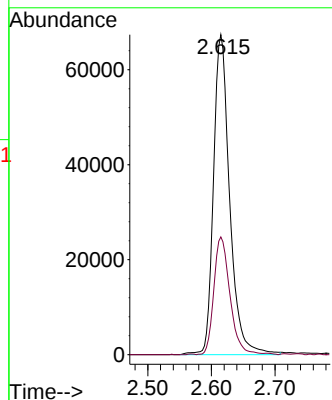
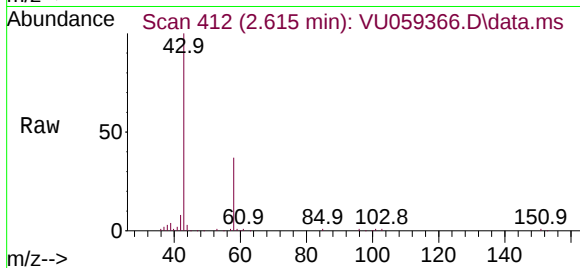
ClientSampleId :

Tgt Ion: 43 Resp: 119286

Ion Ratio Lower Upper

43 100

58 36.5 0.0 68.8



#14

Carbon disulfide

Concen: 44.284 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU059366.D

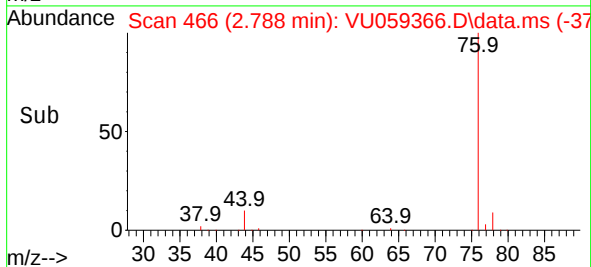
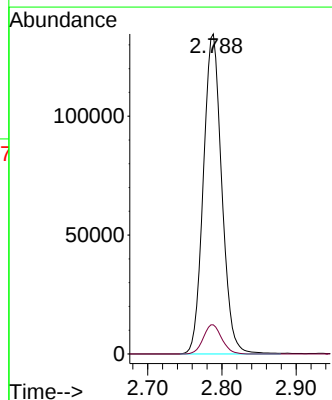
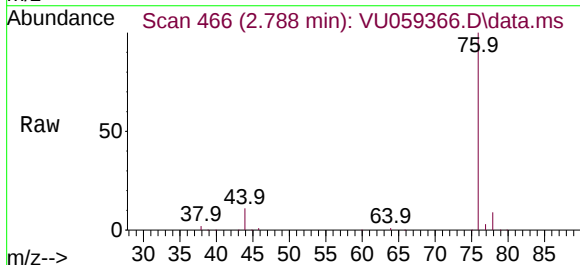
Acq: 20 Jun 2024 09:20

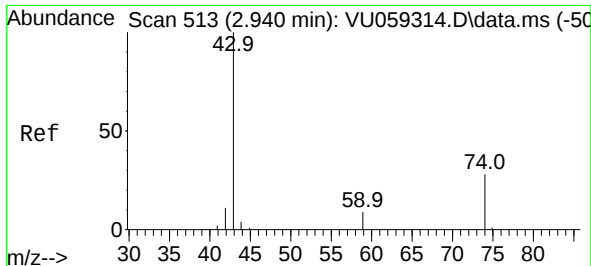
Tgt Ion: 76 Resp: 231465

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8





#15

Methyl Acetate

Concen: 39.482 ug/L

RT: 2.939 min Scan# 51

Delta R.T. -0.000 min

Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

Instrument :

MSVOA_U

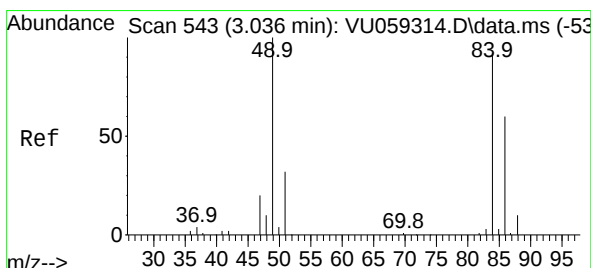
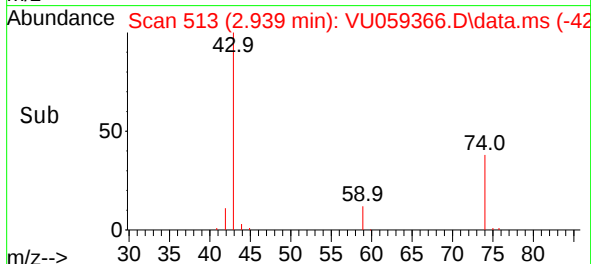
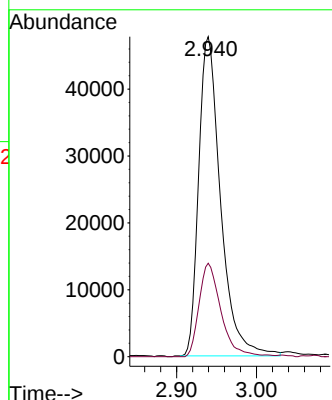
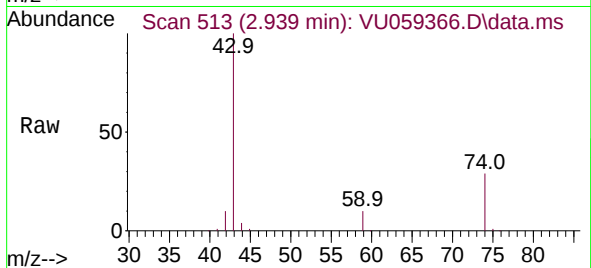
ClientSampleId :

Tgt Ion: 43 Resp: 91120

Ion Ratio Lower Upper

43 100

74 29.0 20.8 31.2



#16

Methylene chloride

Concen: 44.718 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

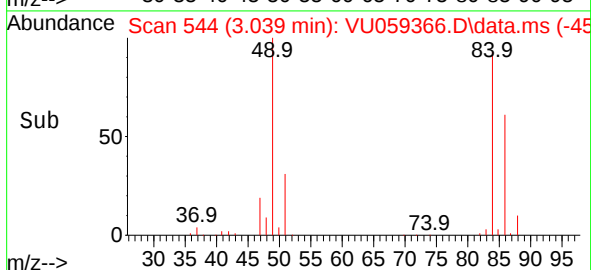
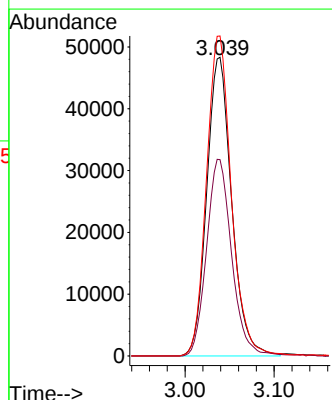
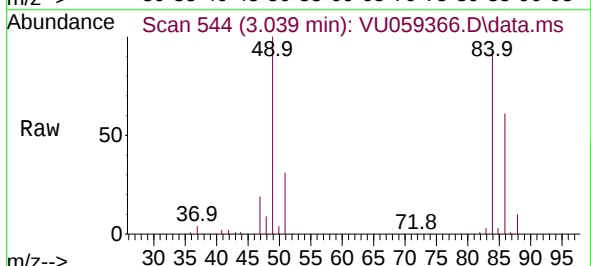
Tgt Ion: 84 Resp: 93903

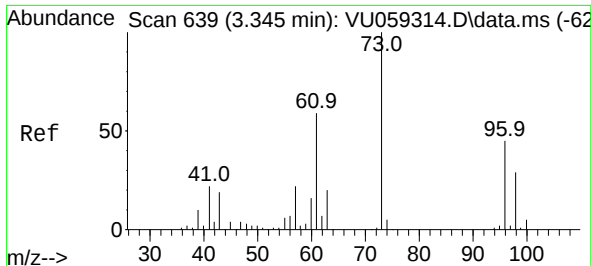
Ion Ratio Lower Upper

84 100

86 65.7 44.9 83.3

49 107.1 87.5 162.5

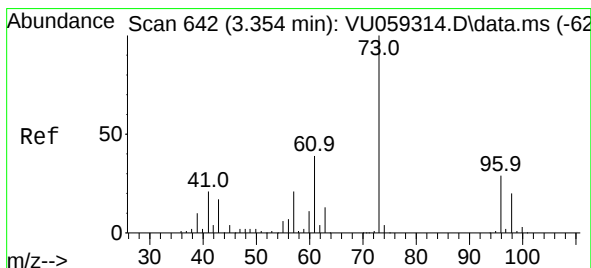
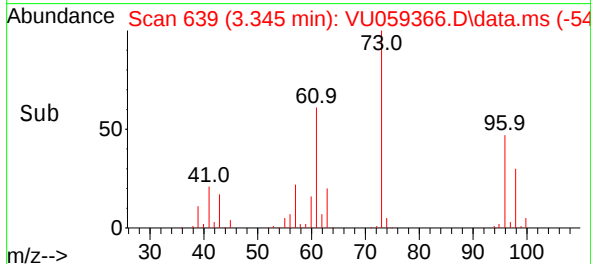
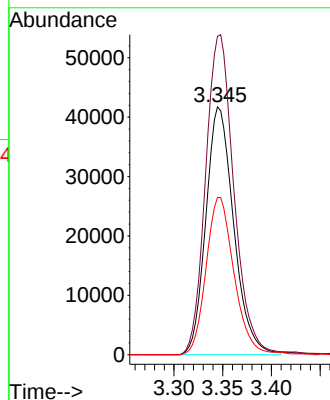
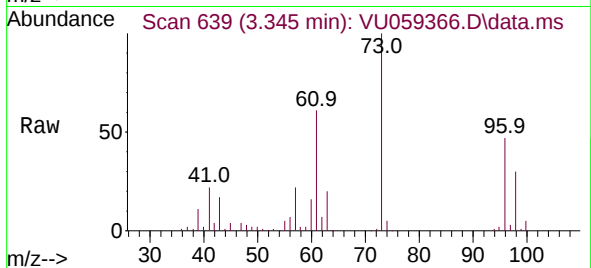




#17
trans-1,2-Dichloroethene
Concen: 49.513 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU059366.D
Acq: 20 Jun 2024 09:20

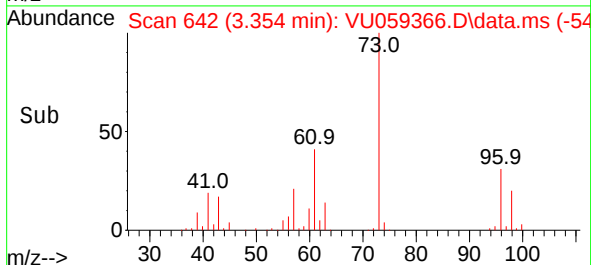
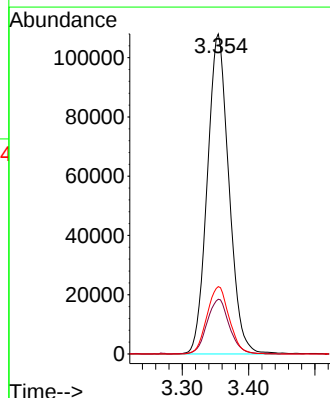
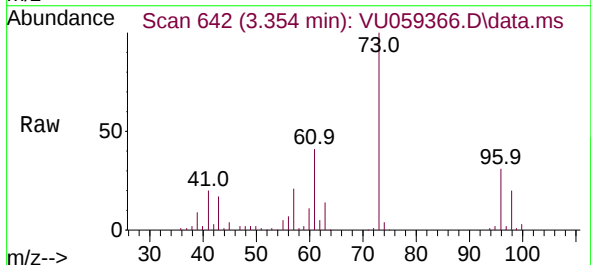
Instrument :
MSVOA_U
ClientSampleId :

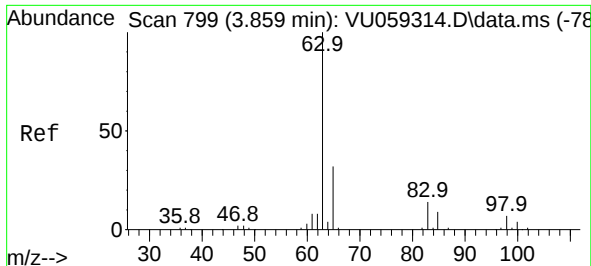
Tgt Ion: 96 Resp: 82938
Ion Ratio Lower Upper
96 100
61 128.5 103.5 192.3
98 63.4 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 44.968 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU059366.D
Acq: 20 Jun 2024 09:20

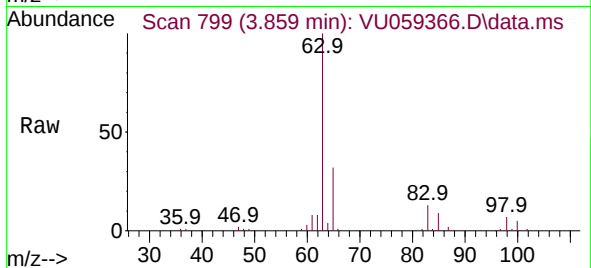
Tgt Ion: 73 Resp: 244676
Ion Ratio Lower Upper
73 100
43 17.5 15.6 23.4
57 21.6 18.6 28.0



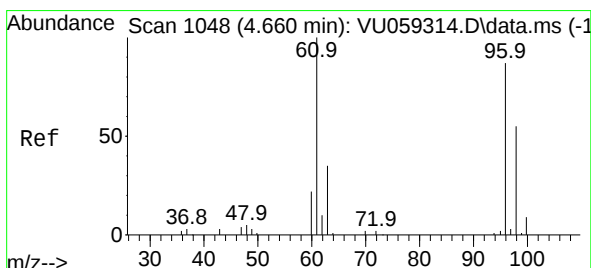
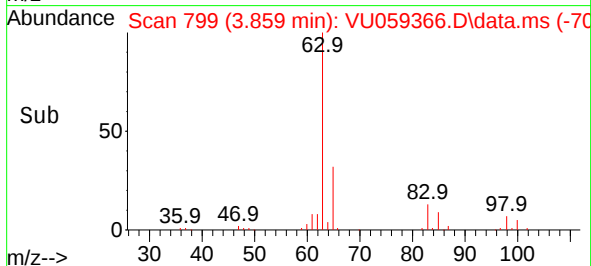
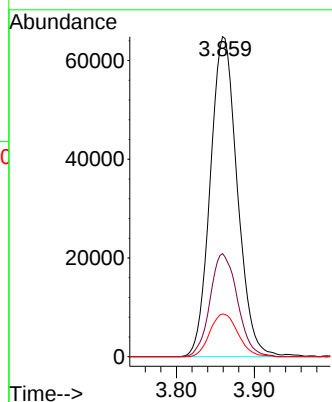


#19
1,1-Dichloroethane
Concen: 43.506 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU059366.D
Acq: 20 Jun 2024 09:20

Instrument :
MSVOA_U
ClientSampleId :

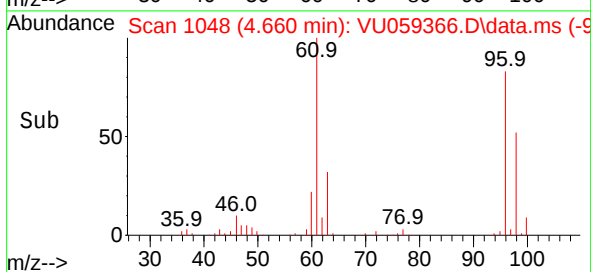
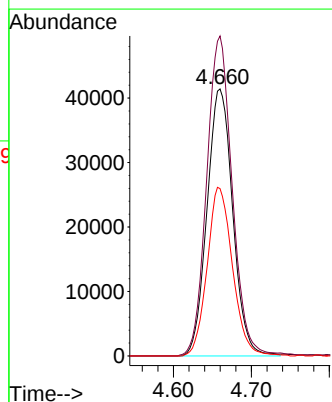
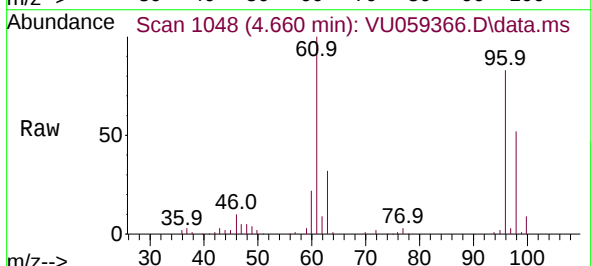


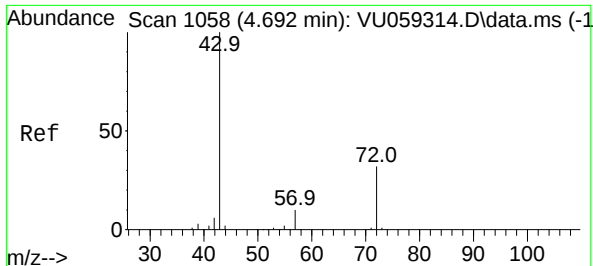
Tgt Ion: 63 Resp: 156207
Ion Ratio Lower Upper
63 100
65 33.0 21.3 39.5
83 13.4 8.8 16.3



#20
cis-1,2-Dichloroethene
Concen: 49.912 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU059366.D
Acq: 20 Jun 2024 09:20

Tgt Ion: 96 Resp: 95273
Ion Ratio Lower Upper
96 100
61 119.9 96.2 178.6
98 62.7 45.6 84.6

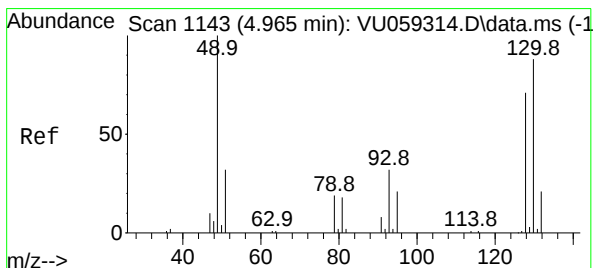
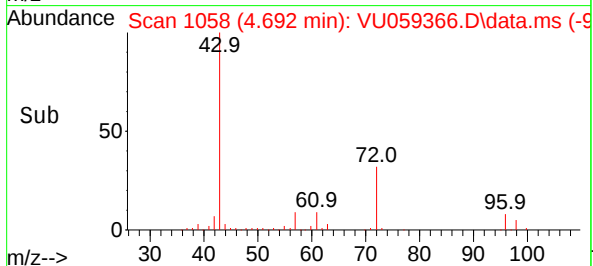
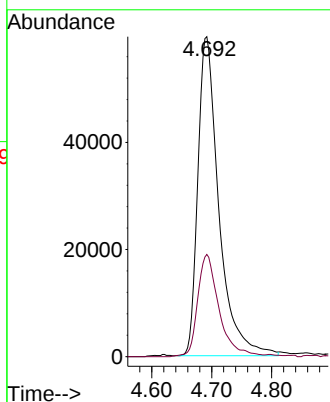
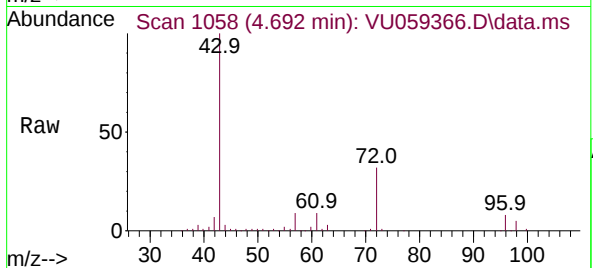




#22
2-Butanone
Concen: 82.578 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VU059366.D
Acq: 20 Jun 2024 09:20

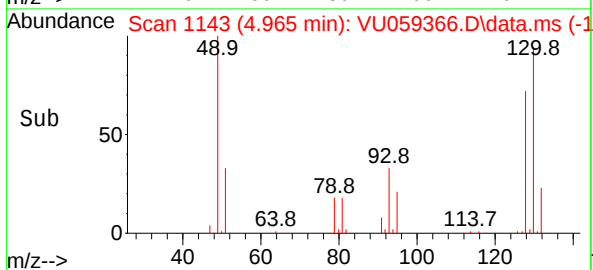
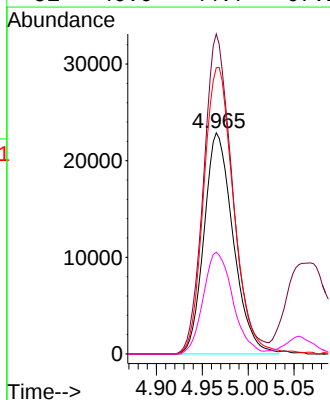
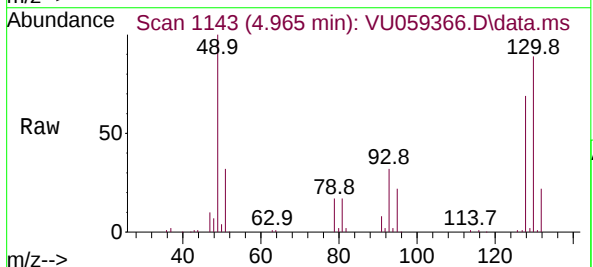
Instrument :
MSVOA_U
ClientSampleId :

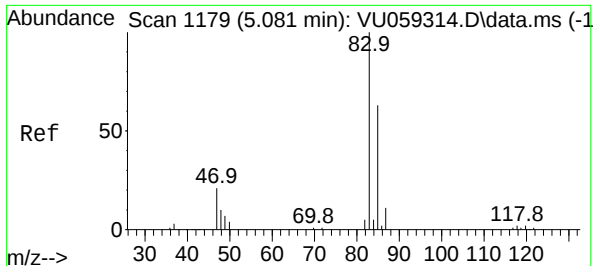
Tgt Ion: 43 Resp: 145661
Ion Ratio Lower Upper
43 100
72 31.5 14.2 42.8



#23
Bromochloromethane
Concen: 52.244 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU059366.D
Acq: 20 Jun 2024 09:20

Tgt Ion:128 Resp: 50513
Ion Ratio Lower Upper
128 100
49 144.7 128.4 238.4
130 129.4 86.9 161.3
51 46.0 44.7 67.1

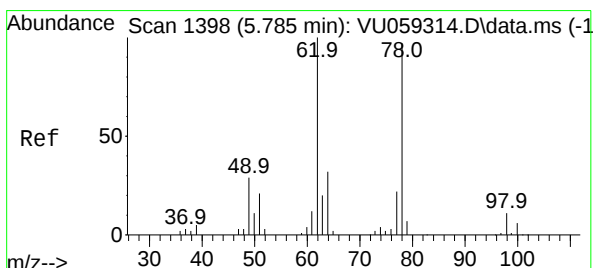
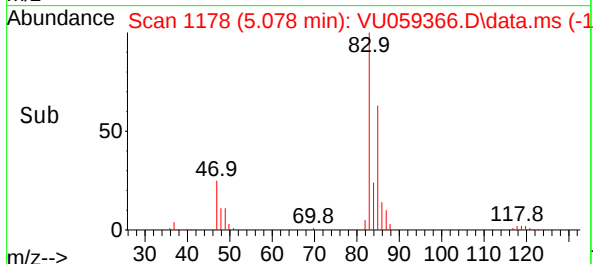
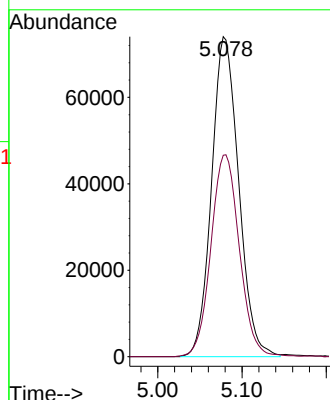
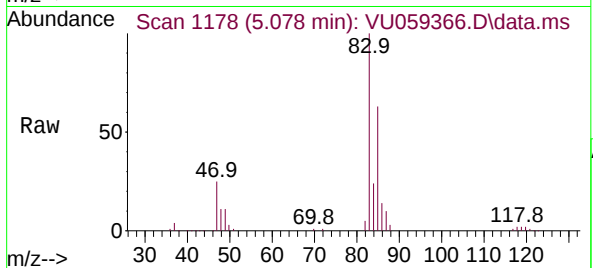




#25
Chloroform
Concen: 47.589 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU059366.D
Acq: 20 Jun 2024 09:20

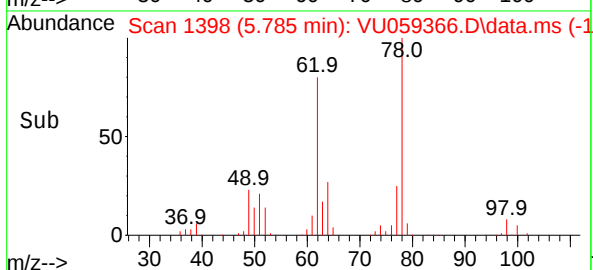
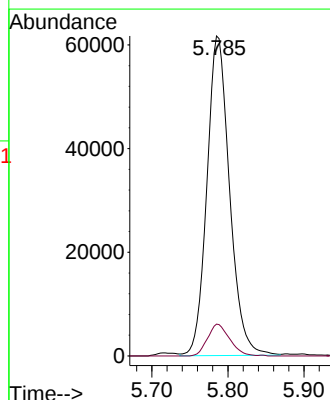
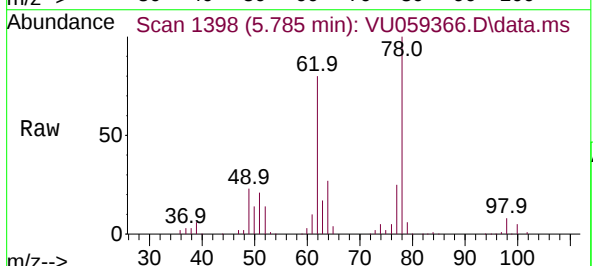
Instrument :
MSVOA_U
ClientSampleId :

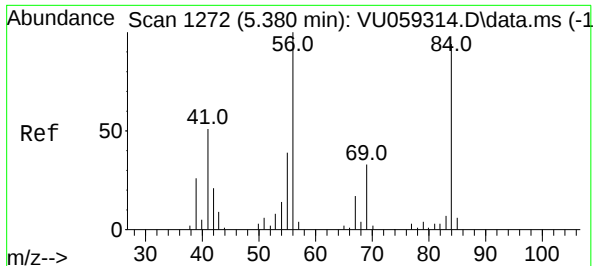
Tgt Ion: 83 Resp: 165448
Ion Ratio Lower Upper
83 100
85 63.0 46.1 85.7



#27
1,2-Dichloroethane
Concen: 43.501 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU059366.D
Acq: 20 Jun 2024 09:20

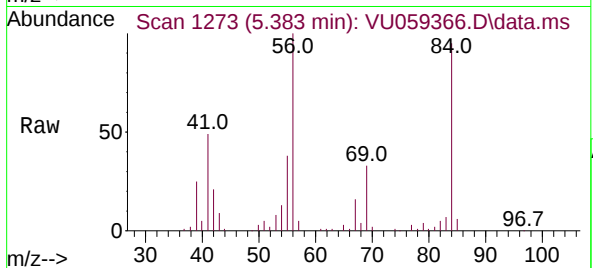
Tgt Ion: 62 Resp: 127762
Ion Ratio Lower Upper
62 100
98 10.0 6.9 10.3



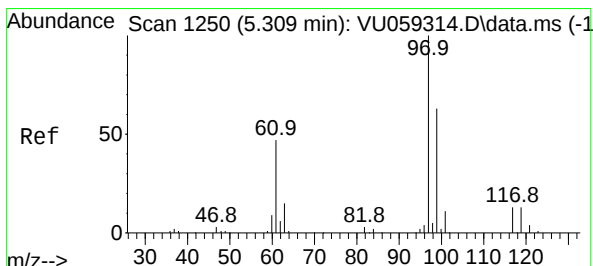
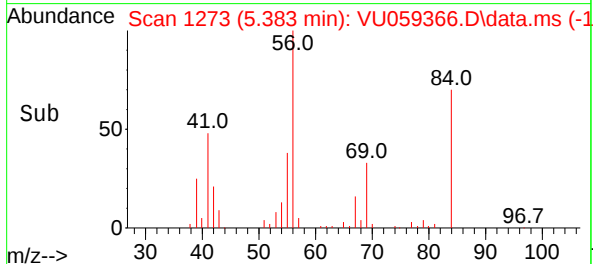
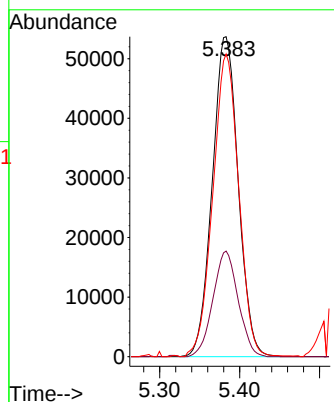


#29
Cyclohexane
Concen: 41.129 ug/L
RT: 5.383 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU059366.D
Acq: 20 Jun 2024 09:20

Instrument :
MSVOA_U
ClientSampleId :

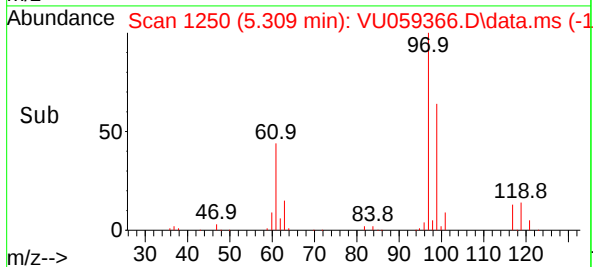
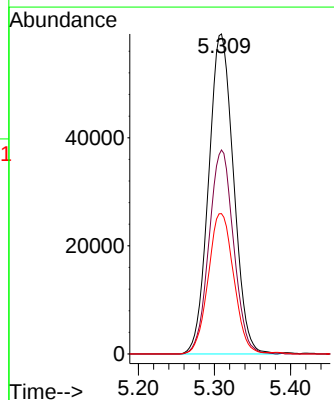
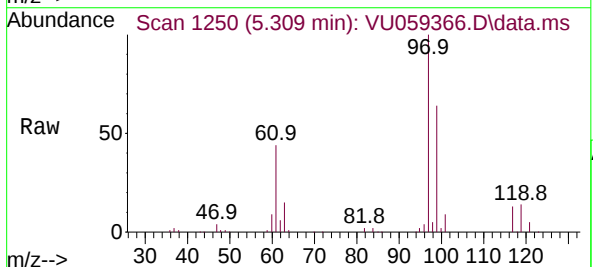


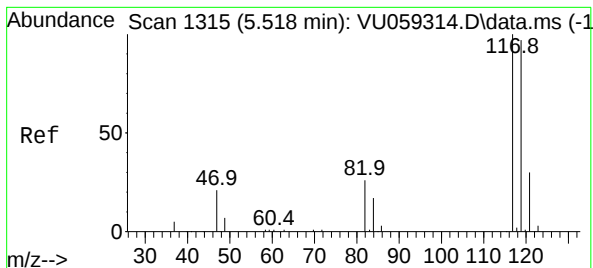
Tgt Ion: 56 Resp: 120893
Ion Ratio Lower Upper
56 100
69 32.0 24.6 37.0
84 94.2 67.4 101.0



#30
1,1,1-Trichloroethane
Concen: 47.145 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU059366.D
Acq: 20 Jun 2024 09:20

Tgt Ion: 97 Resp: 134959
Ion Ratio Lower Upper
97 100
99 62.8 51.6 77.4
61 44.8 39.1 58.7





#31

Carbon tetrachloride

Concen: 49.187 ug/L

RT: 5.518 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

Instrument :

MSVOA_U

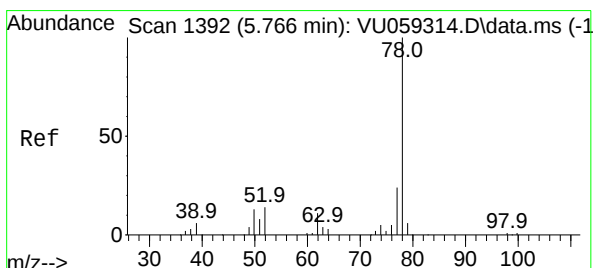
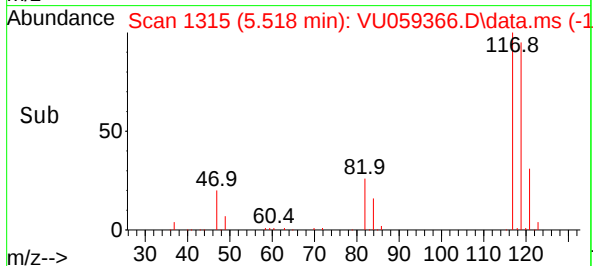
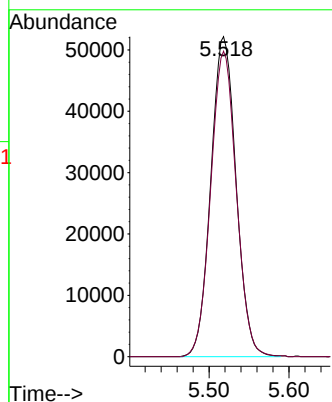
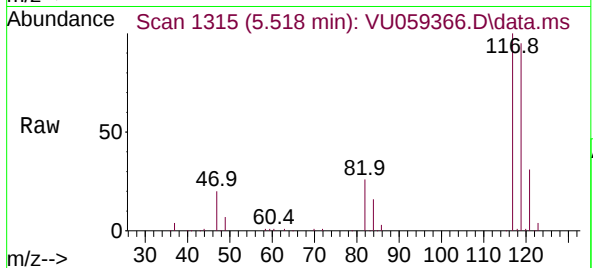
ClientSampleId :

Tgt Ion:117 Resp: 114371

Ion Ratio Lower Upper

117 100

119 96.5 76.9 115.3



#33

Benzene

Concen: 45.809 ug/L

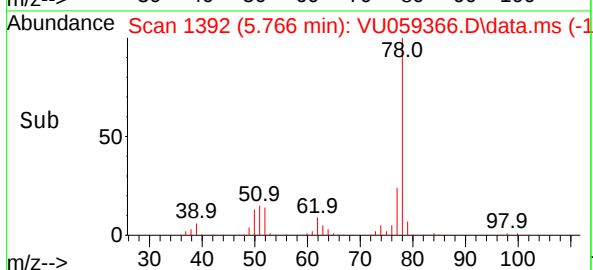
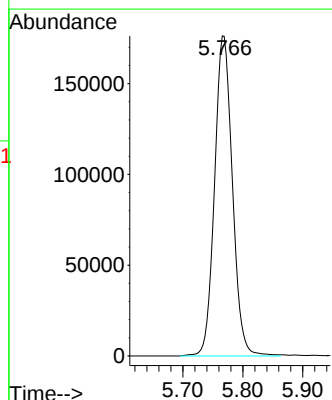
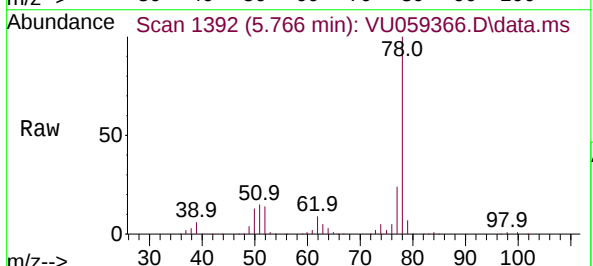
RT: 5.766 min Scan# 1392

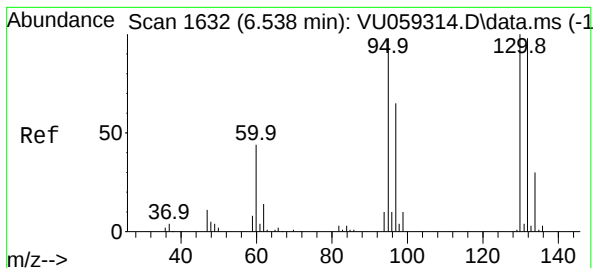
Delta R.T. -0.000 min

Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

Tgt Ion: 78 Resp: 364187





#34

Trichloroethene

Concen: 49.935 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 97207

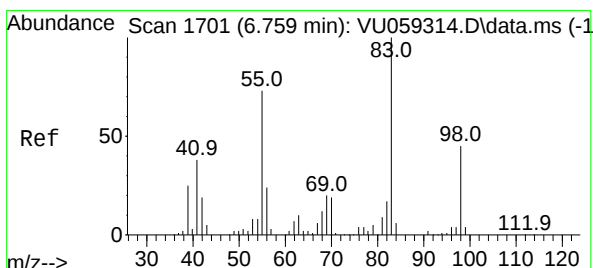
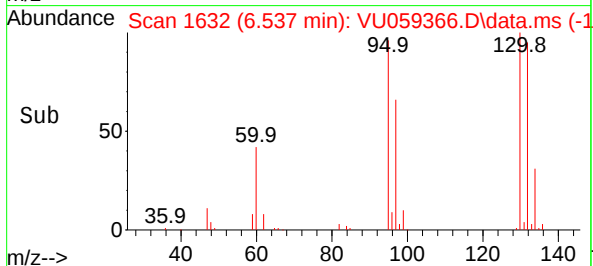
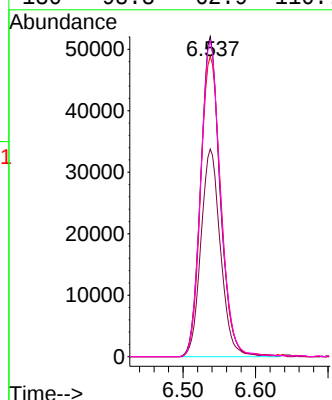
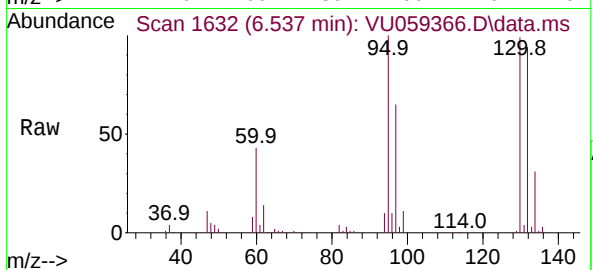
Ion Ratio Lower Upper

95 100

97 64.9 45.2 84.0

132 93.9 60.6 112.6

130 98.8 62.9 116.7



#35

Methylcyclohexane

Concen: 48.600 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

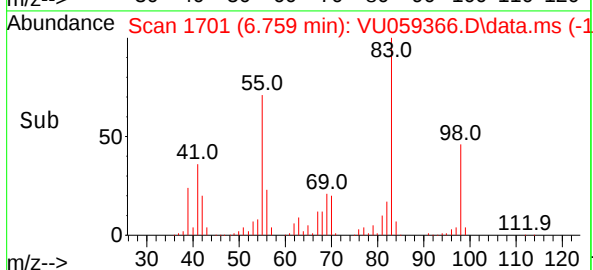
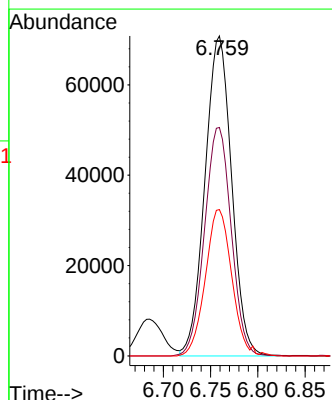
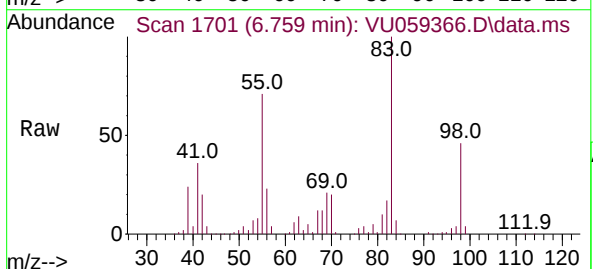
Tgt Ion: 83 Resp: 139104

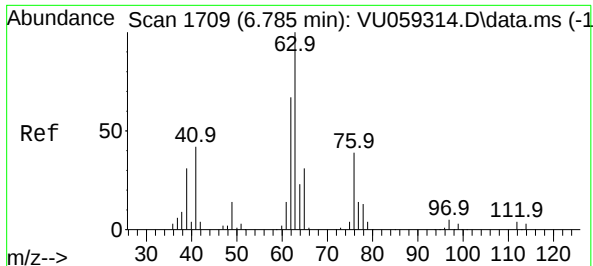
Ion Ratio Lower Upper

83 100

55 71.4 63.9 95.9

98 44.6 34.7 52.1

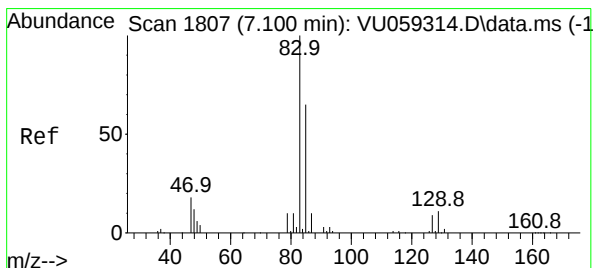
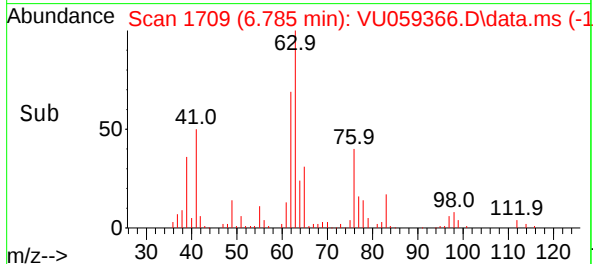
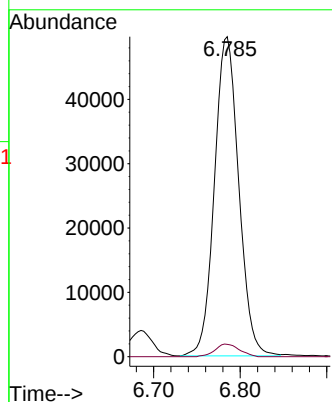
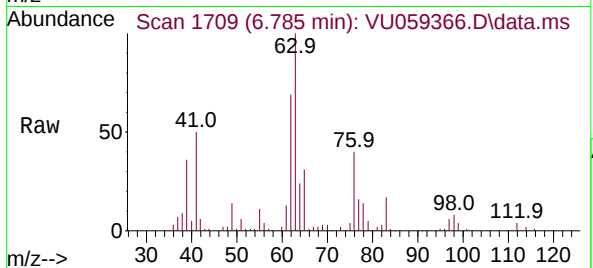




#37
1,2-Dichloropropane
Concen: 42.824 ug/L
RT: 6.785 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059366.D
Acq: 20 Jun 2024 09:20

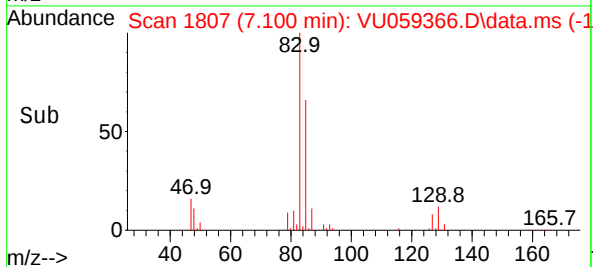
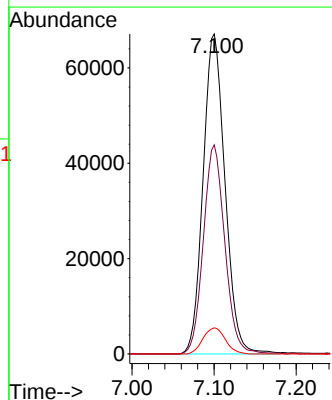
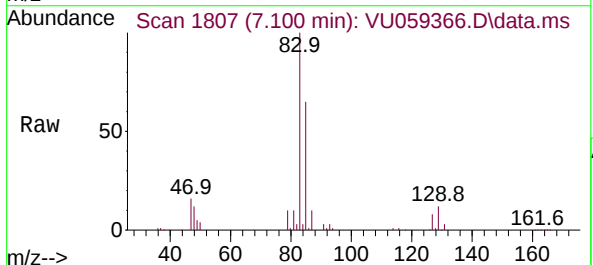
Instrument :
MSVOA_U
ClientSampleId :

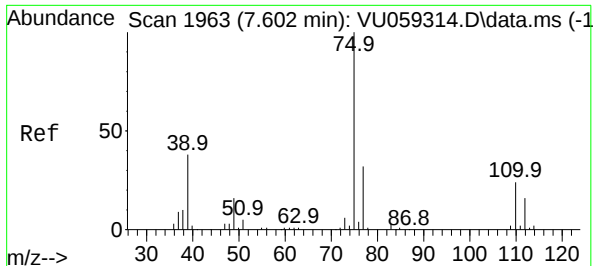
Tgt Ion: 63 Resp: 96677
Ion Ratio Lower Upper
63 100
112 4.0 2.6 4.0#



#38
Bromodichloromethane
Concen: 47.387 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU059366.D
Acq: 20 Jun 2024 09:20

Tgt Ion: 83 Resp: 124612
Ion Ratio Lower Upper
83 100
85 65.3 44.0 81.6
127 8.1 7.0 10.6

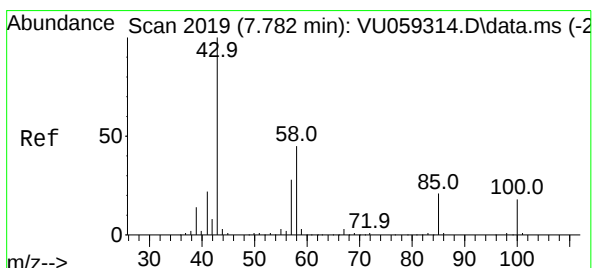
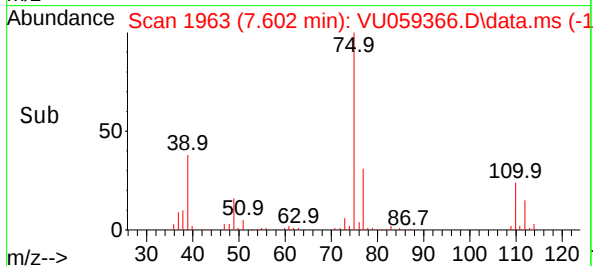
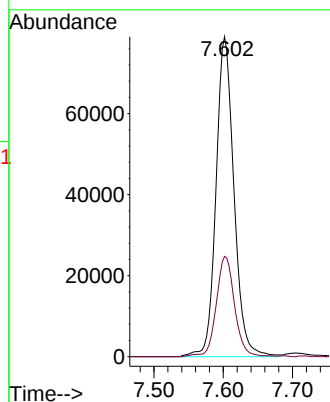
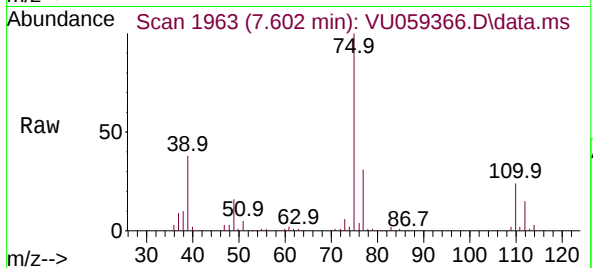




#39
 cis-1,3-Dichloropropene
 Concen: 45.507 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU059366.D
 Acq: 20 Jun 2024 09:20

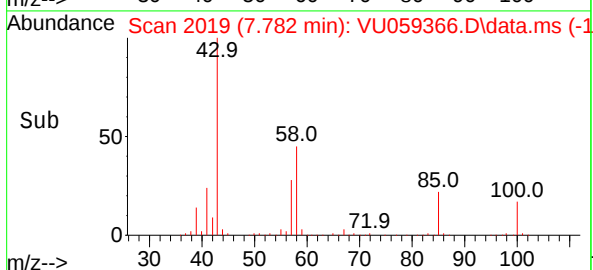
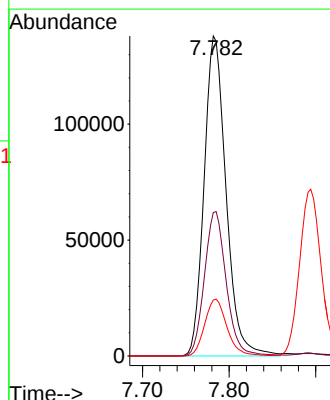
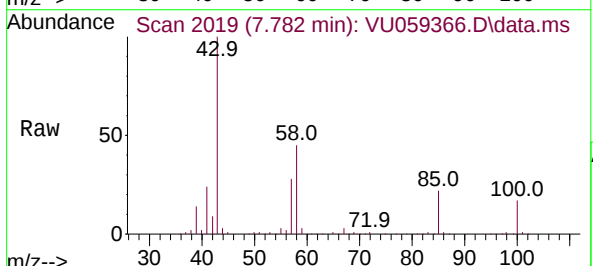
Instrument :
 MSVOA_U
 ClientSampleId :

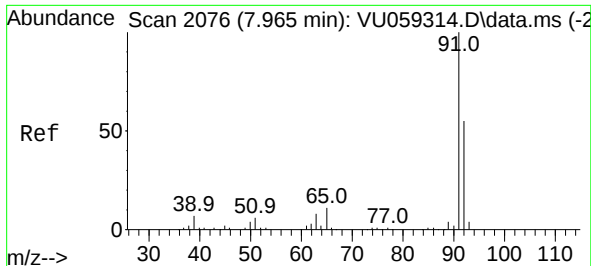
Tgt Ion: 75 Resp: 142142
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.2 39.4



#40
 4-Methyl-2-pentanone
 Concen: 82.134 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU059366.D
 Acq: 20 Jun 2024 09:20

Tgt Ion: 43 Resp: 243085
 Ion Ratio Lower Upper
 43 100
 58 45.0 33.7 50.5
 100 18.0 11.4 17.0#





#42

Toluene

Concen: 50.482 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

Instrument :

MSVOA_U

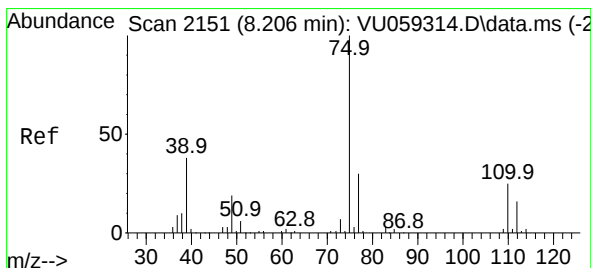
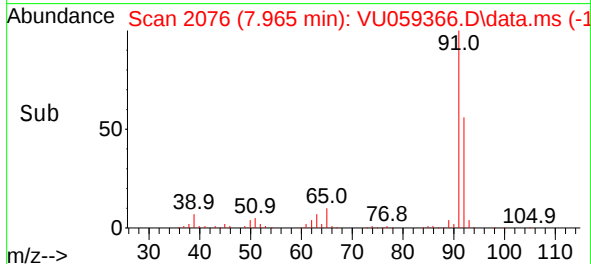
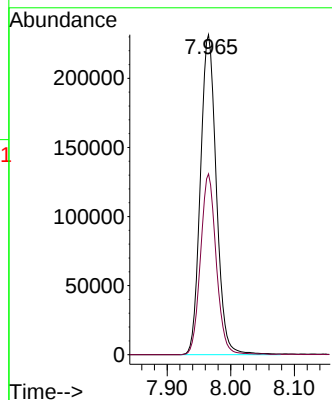
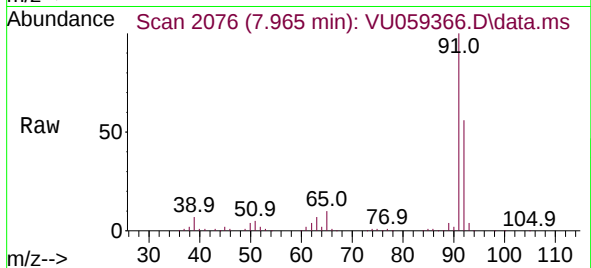
ClientSampleId :

Tgt Ion: 91 Resp: 402860

Ion Ratio Lower Upper

91 100

92 56.5 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 46.648 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU059366.D

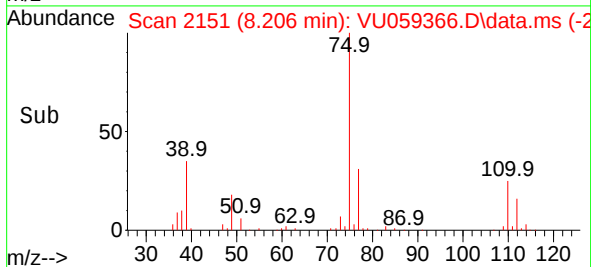
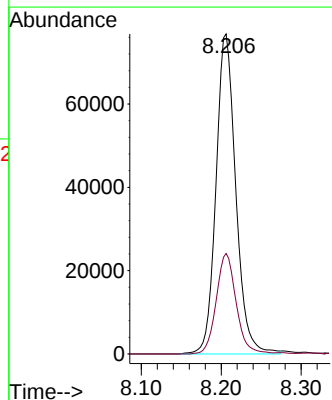
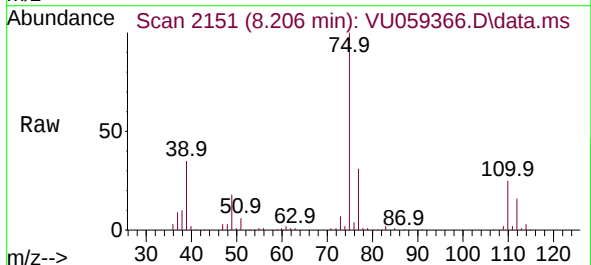
Acq: 20 Jun 2024 09:20

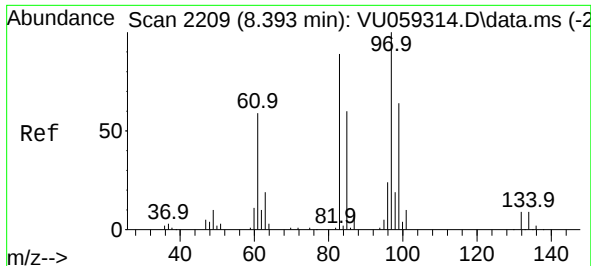
Tgt Ion: 75 Resp: 131910

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8

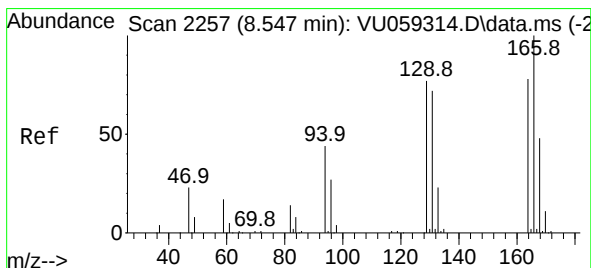
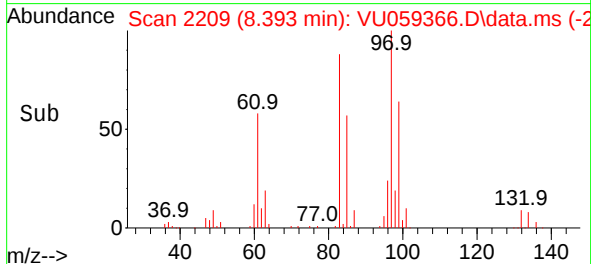
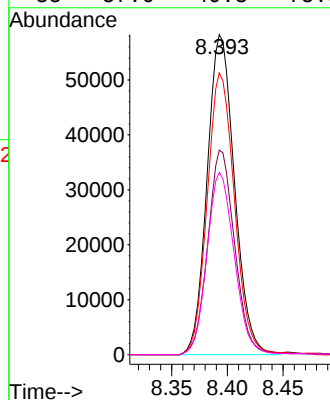
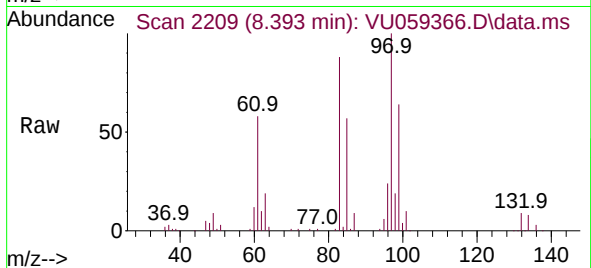




#45
1,1,2-Trichloroethane
Concen: 49.126 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU059366.D
Acq: 20 Jun 2024 09:20

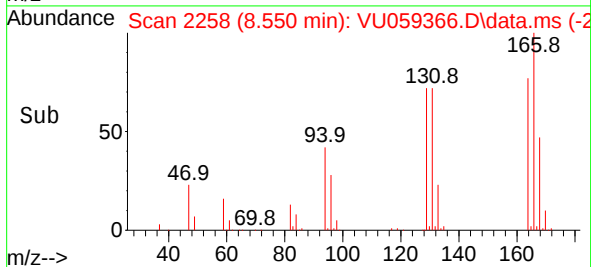
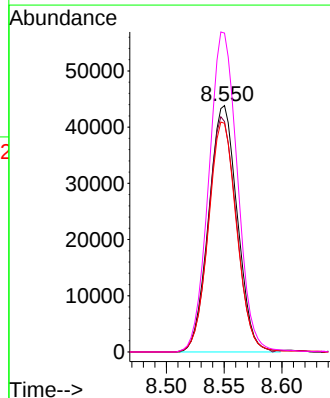
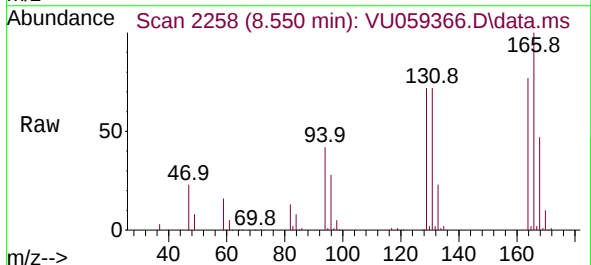
Instrument :
MSVOA_U
ClientSampleId :

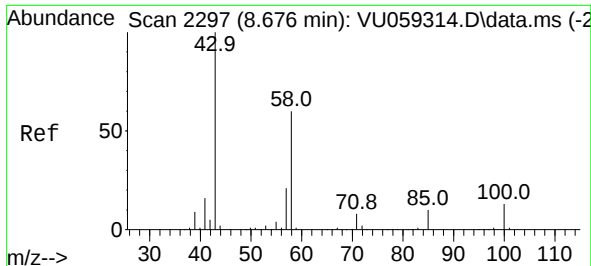
Tgt Ion: 97	Resp: 99713
Ion Ratio	Lower Upper
97 100	
99 63.9	44.0 81.6
83 88.1	63.6 118.2
85 57.0	40.8 75.8



#46
Tetrachloroethene
Concen: 58.343 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU059366.D
Acq: 20 Jun 2024 09:20

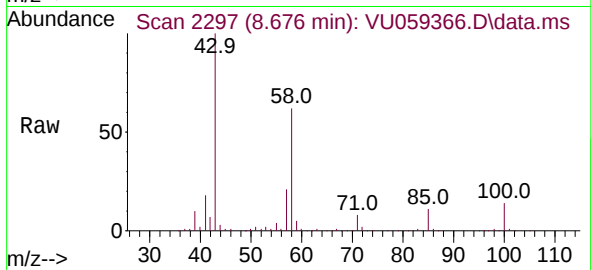
Tgt	Ion:164	Resp:	75651
Ion	Ratio	Lower	Upper
164	100		
129	93.5	74.5	138.5
131	92.8	70.6	131.0
166	129.4	95.1	176.7



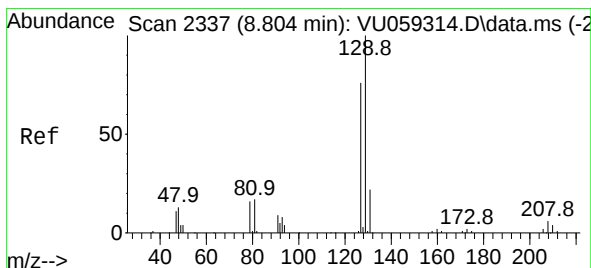
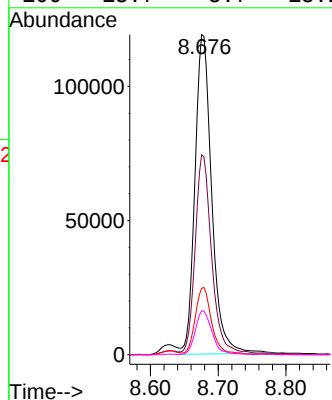
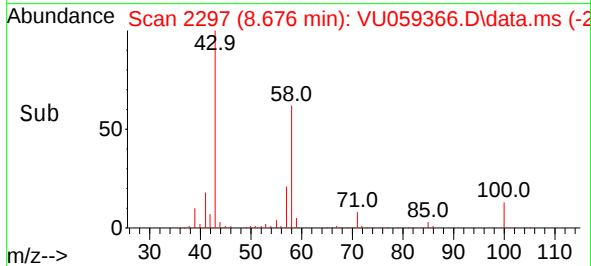


#48
2-Hexanone
Concen: 82.167 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU059366.D
Acq: 20 Jun 2024 09:20

Instrument :
MSVOA_U
ClientSampleId :

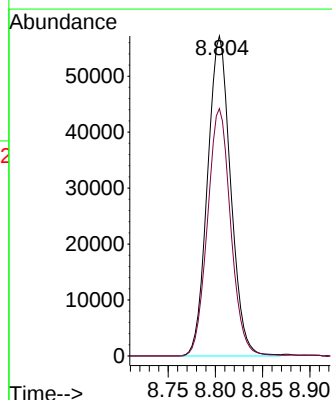
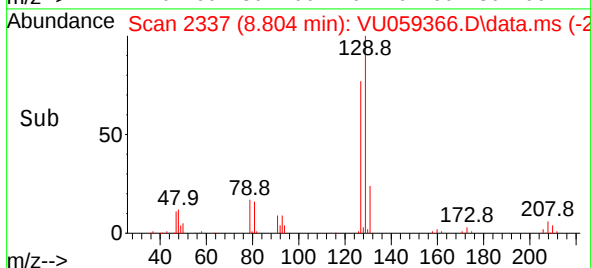
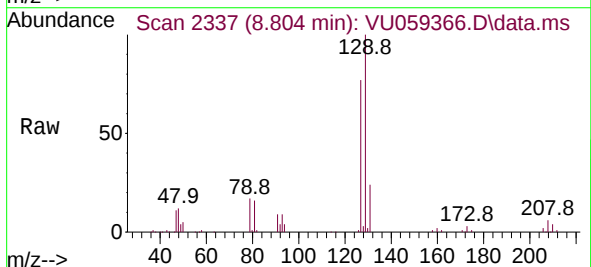


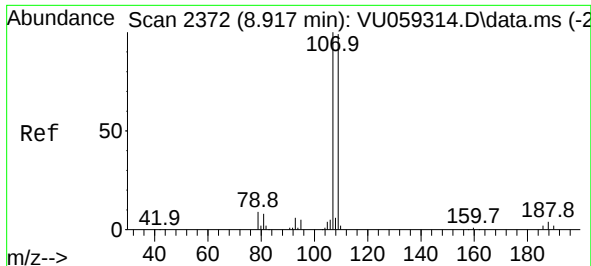
Tgt Ion: 43 Resp: 205098
Ion Ratio Lower Upper
43 100
58 59.3 45.9 68.9
57 20.8 16.3 24.5
100 13.7 8.7 13.1#



#49
Dibromochloromethane
Concen: 53.101 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU059366.D
Acq: 20 Jun 2024 09:20

Tgt Ion: 129 Resp: 97407
Ion Ratio Lower Upper
129 100
127 77.3 53.3 98.9





#50

1,2-Dibromoethane

Concen: 49.623 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

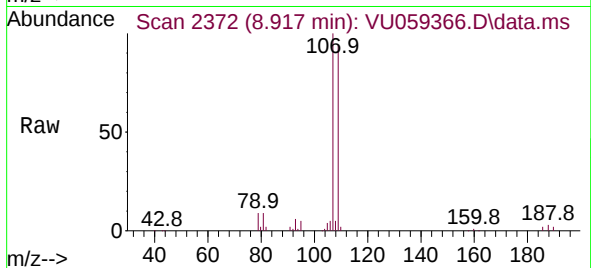
Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

Instrument :

MSVOA_U

ClientSampleId :



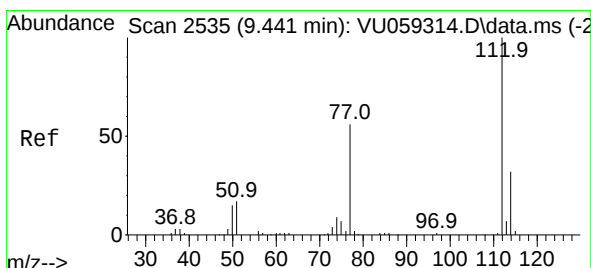
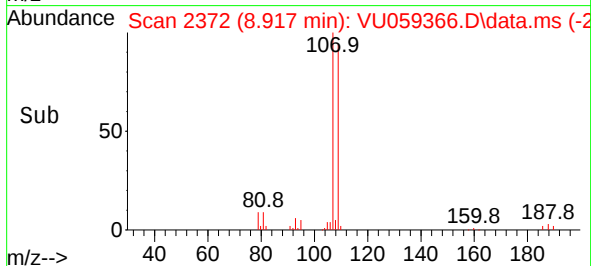
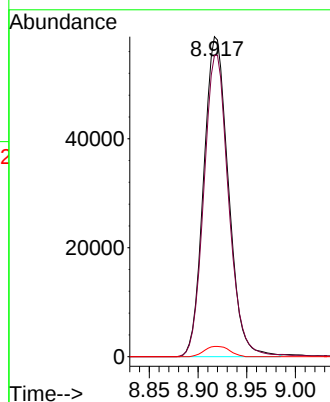
Tgt Ion:107 Resp: 103899

Ion Ratio Lower Upper

107 100

109 94.1 67.8 125.8

188 3.2 2.5 3.7



#51

Chlorobenzene

Concen: 51.386 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

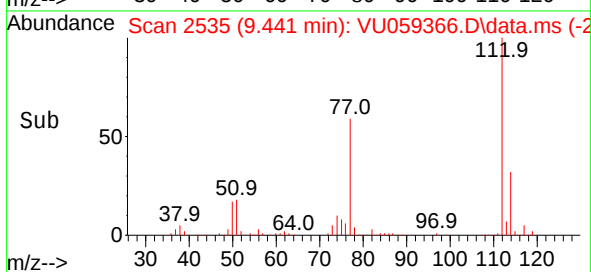
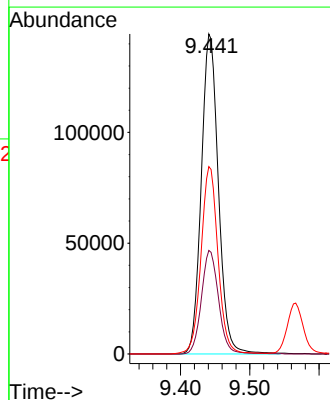
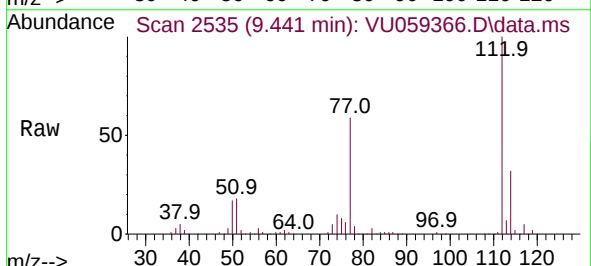
Tgt Ion:112 Resp: 247500

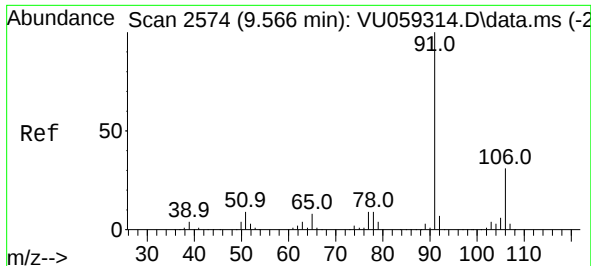
Ion Ratio Lower Upper

112 100

114 32.3 22.1 41.1

77 58.6 49.8 74.6

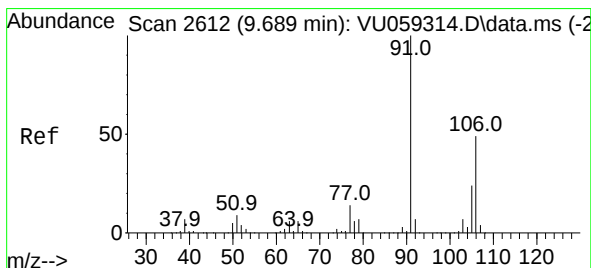
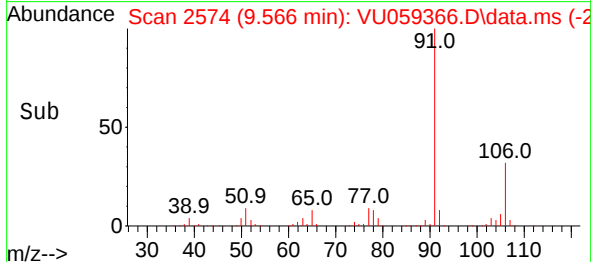
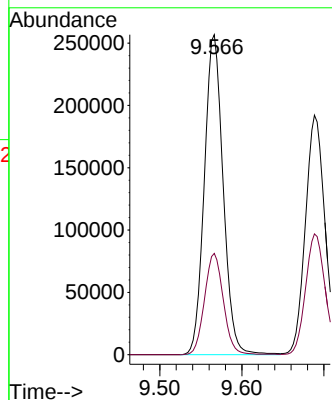
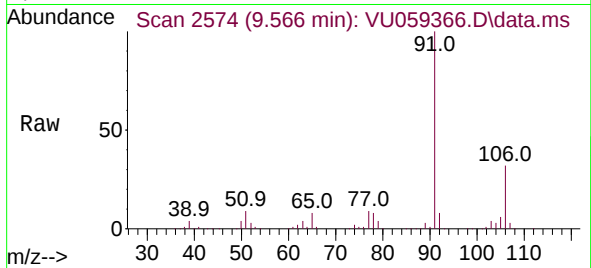




#52
Ethylbenzene
Concen: 49.753 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU059366.D
Acq: 20 Jun 2024 09:20

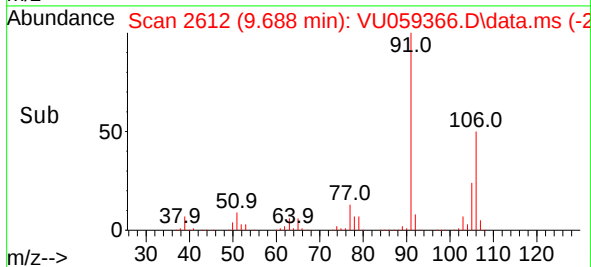
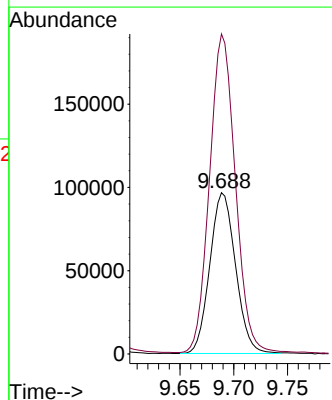
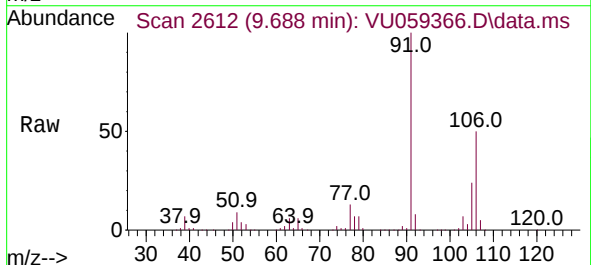
Instrument :
MSVOA_U
ClientSampleId :

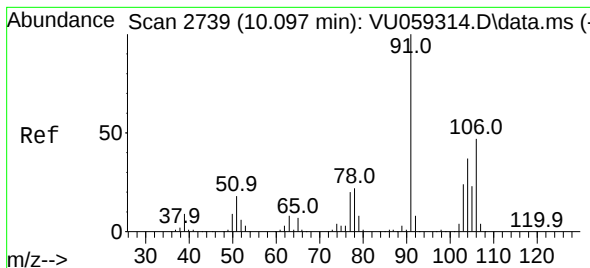
Tgt Ion: 91 Resp: 409329
Ion Ratio Lower Upper
91 100
106 31.6 21.0 39.0



#53
m,p-Xylene
Concen: 53.187 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059366.D
Acq: 20 Jun 2024 09:20

Tgt Ion:106 Resp: 160820
Ion Ratio Lower Upper
106 100
91 198.3 146.4 272.0





#54

o-Xylene

Concen: 52.885 ug/L

RT: 10.097 min Scan# 2739

Delta R.T. -0.000 min

Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

Instrument :

MSVOA_U

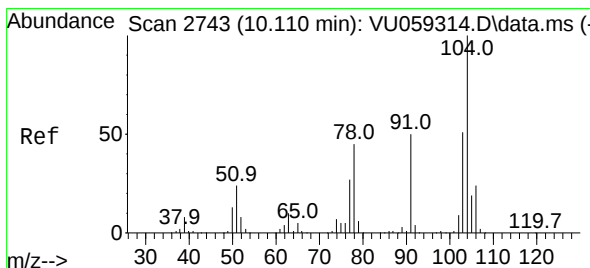
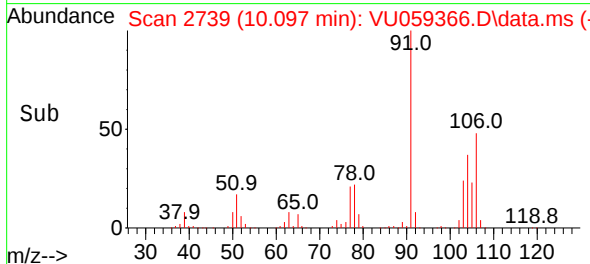
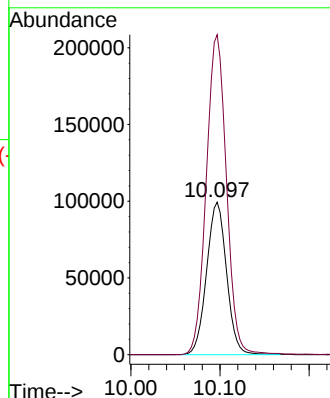
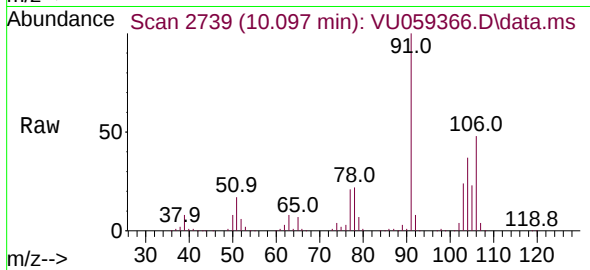
ClientSampleId :

Tgt Ion:106 Resp: 154972

Ion Ratio Lower Upper

106 100

91 209.9 156.7 290.9



#55

Styrene

Concen: 54.484 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU059366.D

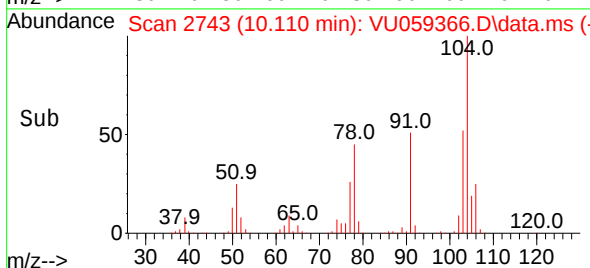
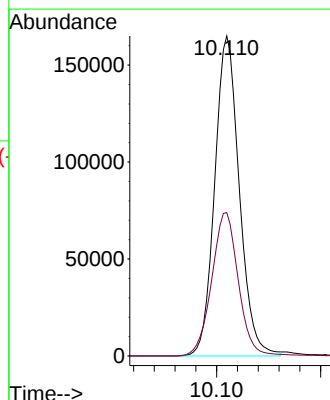
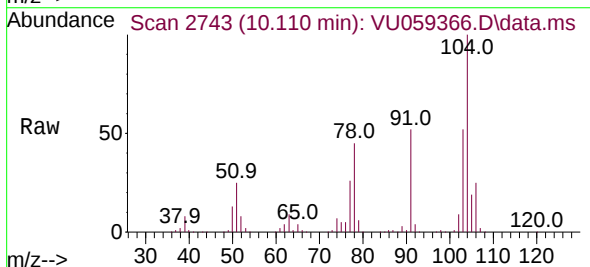
Acq: 20 Jun 2024 09:20

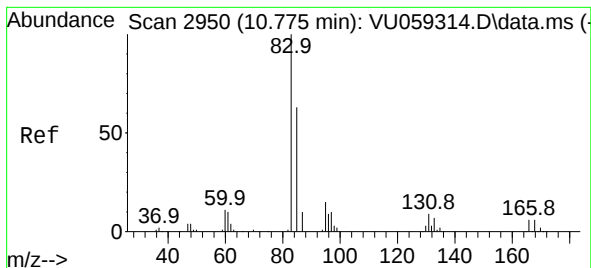
Tgt Ion:104 Resp: 271383

Ion Ratio Lower Upper

104 100

78 44.8 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 44.365 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

Instrument :

MSVOA_U

ClientSampleId :

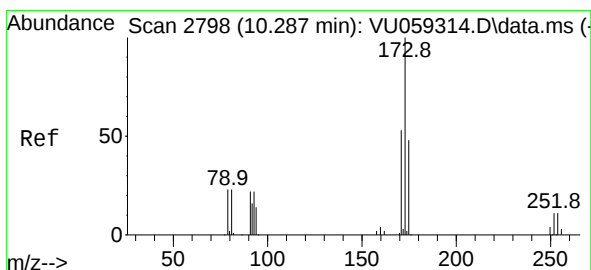
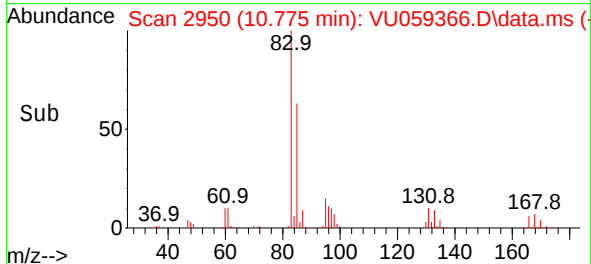
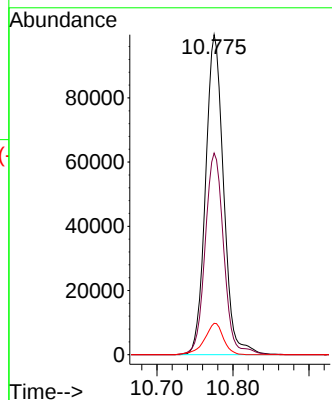
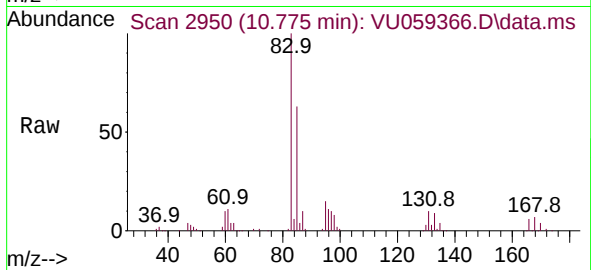
Tgt Ion: 83 Resp: 164041

Ion Ratio Lower Upper

83 100

85 63.0 46.1 85.7

131 9.8 7.0 10.4



#59

Bromoform

Concen: 52.360 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

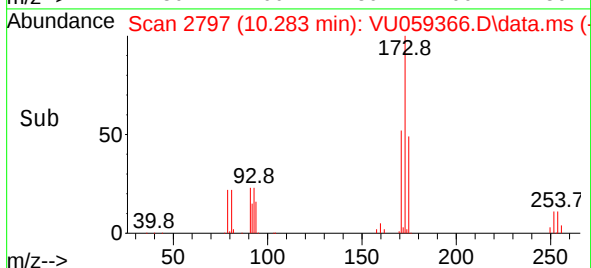
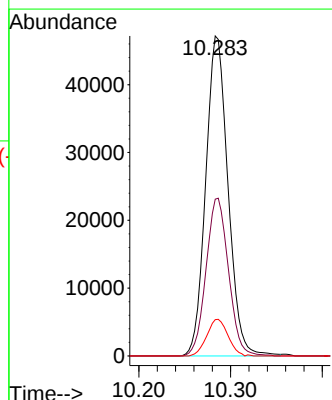
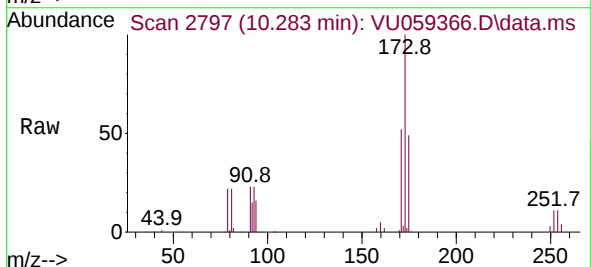
Tgt Ion:173 Resp: 79864

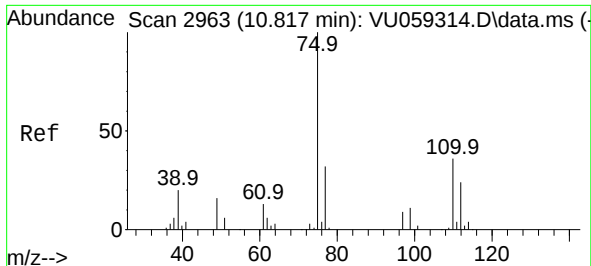
Ion Ratio Lower Upper

173 100

175 49.6 39.0 58.6

254 10.9 7.5 11.3

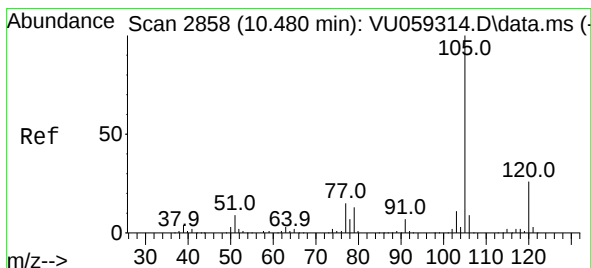
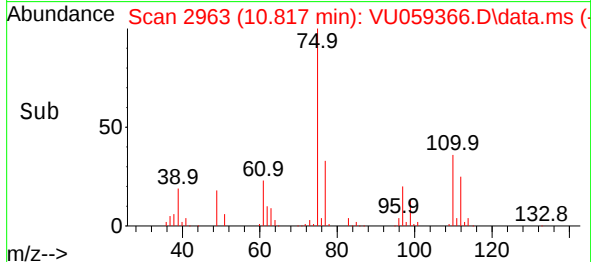
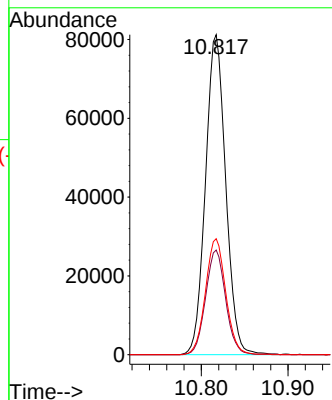
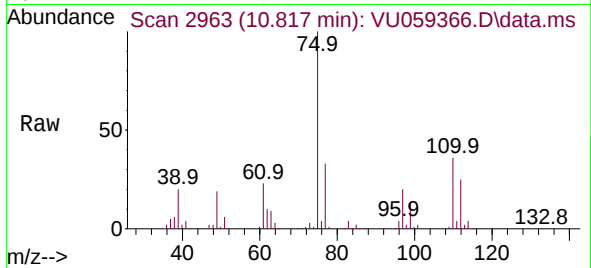




#60
1,2,3-Trichloropropane
Concen: 40.719 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU059366.D
Acq: 20 Jun 2024 09:20

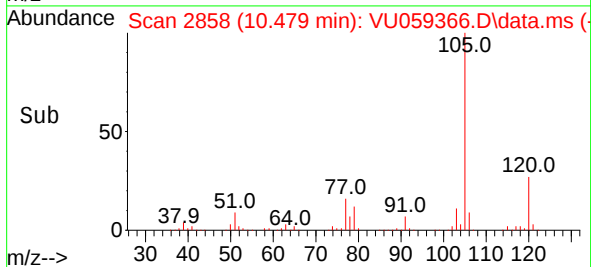
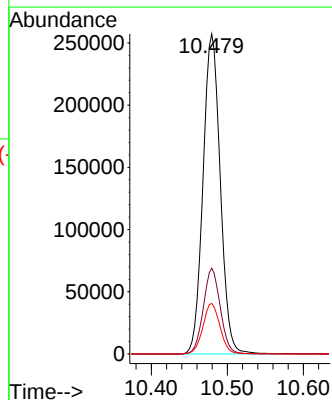
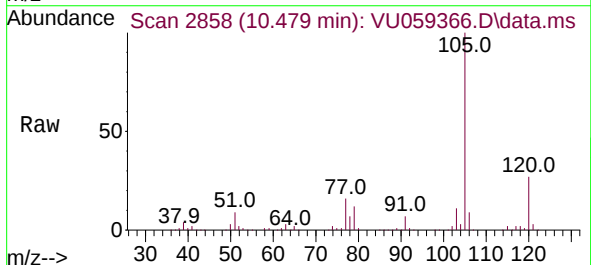
Instrument :
MSVOA_U
ClientSampleId :

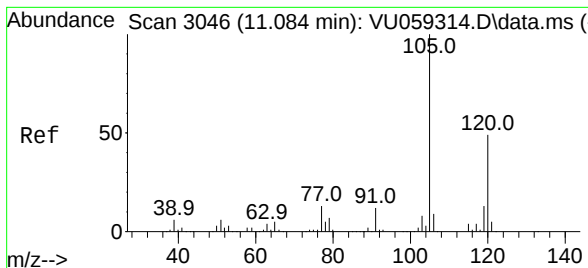
Tgt Ion: 75 Resp: 131727
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.2
110 36.4 28.4 42.6



#61
Isopropylbenzene
Concen: 49.538 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU059366.D
Acq: 20 Jun 2024 09:20

Tgt Ion:105 Resp: 405434
Ion Ratio Lower Upper
105 100
120 26.3 20.3 30.5
77 15.6 13.4 20.0





#62

1,3,5-Trimethylbenzene

Concen: 48.752 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

Instrument :

MSVOA_U

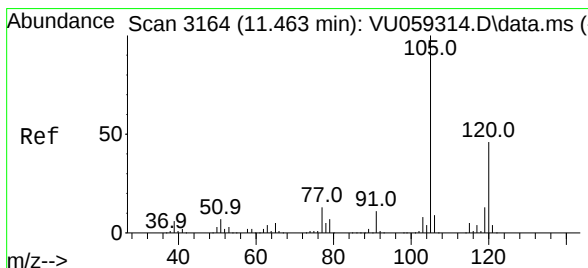
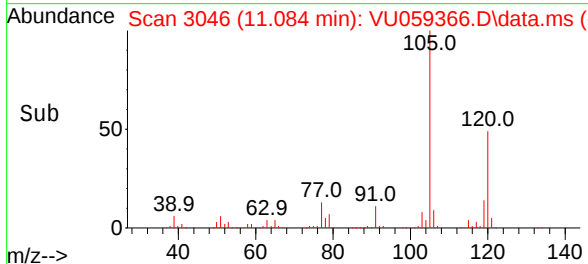
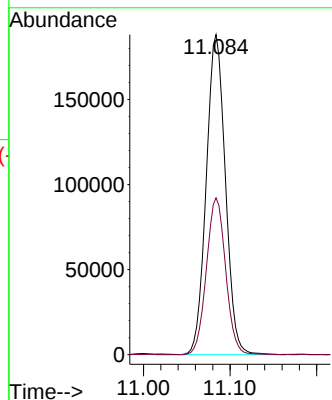
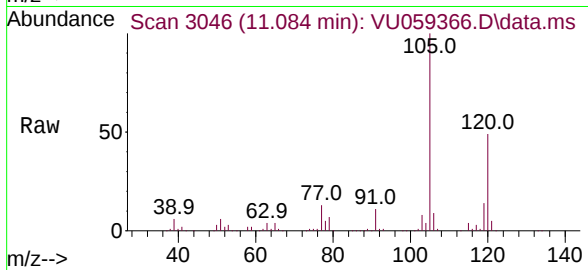
ClientSampleId :

Tgt Ion:105 Resp: 289094

Ion Ratio Lower Upper

105 100

120 49.3 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 49.355 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU059366.D

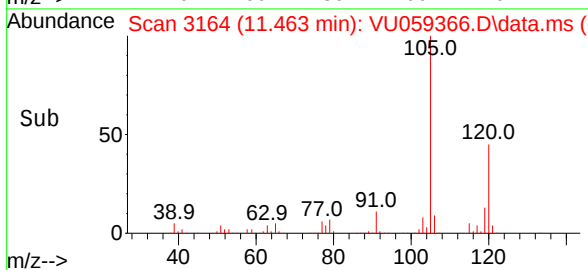
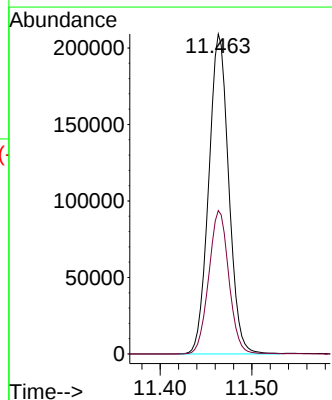
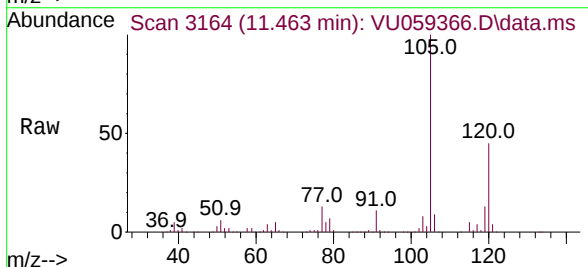
Acq: 20 Jun 2024 09:20

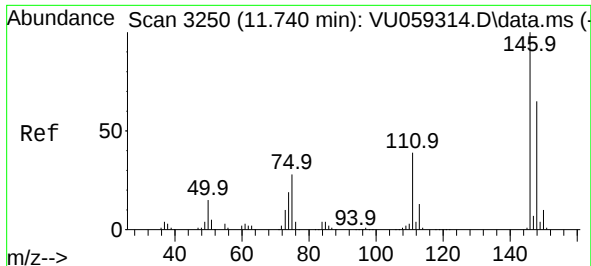
Tgt Ion:105 Resp: 317264

Ion Ratio Lower Upper

105 100

120 44.9 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 53.352 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

Instrument :

MSVOA_U

ClientSampleId :

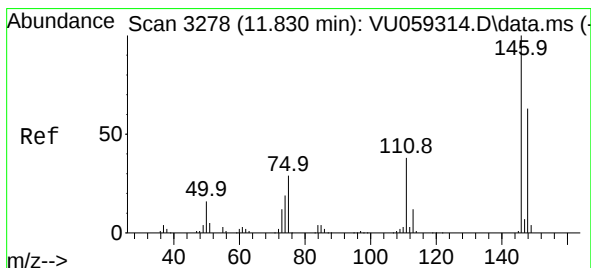
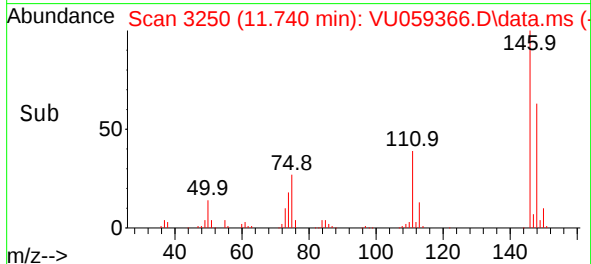
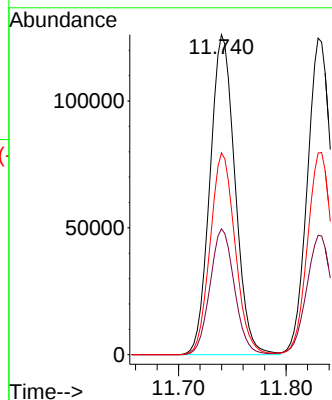
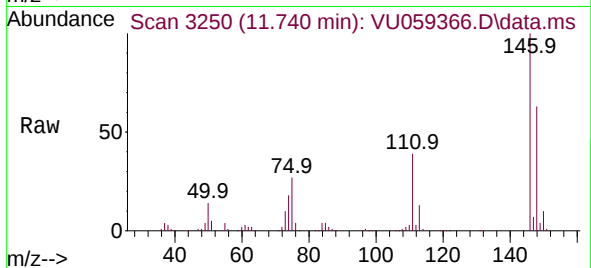
Tgt Ion:146 Resp: 204078

Ion Ratio Lower Upper

146 100

111 39.3 28.7 53.3

148 63.1 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 51.029 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

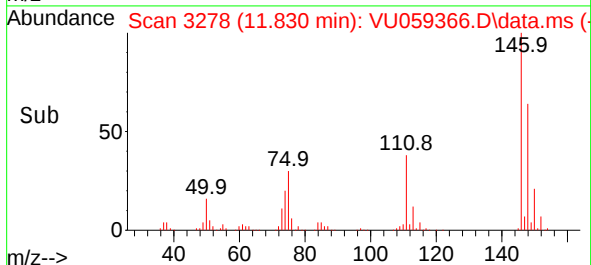
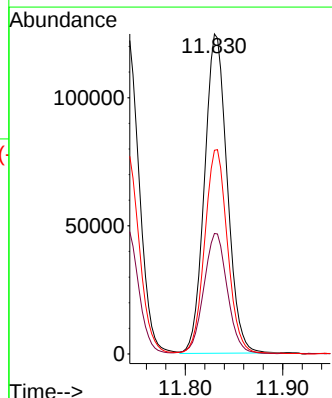
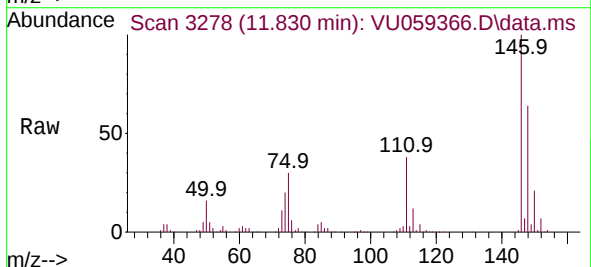
Tgt Ion:146 Resp: 201588

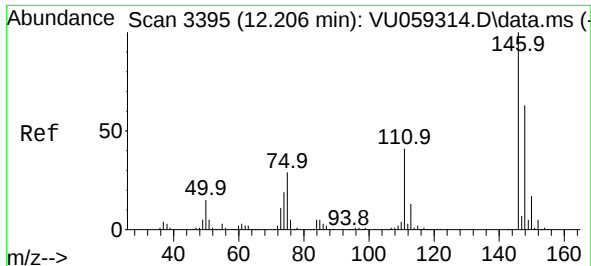
Ion Ratio Lower Upper

146 100

111 37.7 27.9 51.9

148 63.6 45.7 84.9





#67

1,2-Dichlorobenzene

Concen: 49.955 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

Instrument :

MSVOA_U

ClientSampleId :

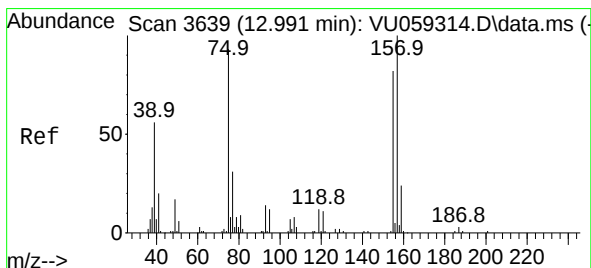
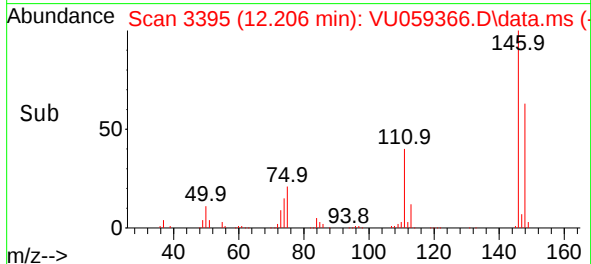
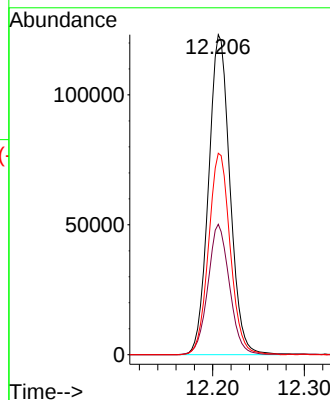
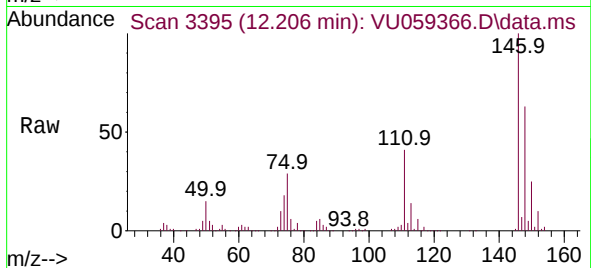
Tgt Ion:146 Resp: 199717

Ion Ratio Lower Upper

146 100

111 40.8 33.4 50.2

148 62.9 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 44.079 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

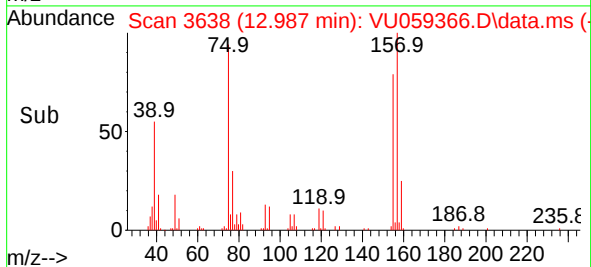
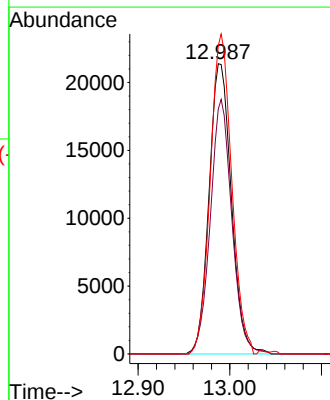
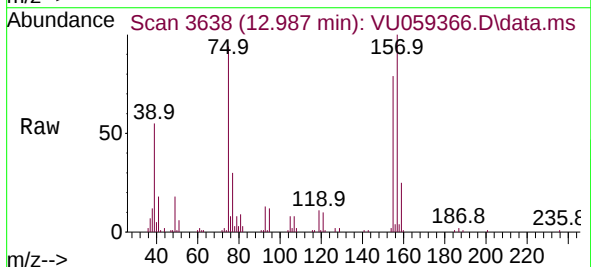
Tgt Ion: 75 Resp: 36151

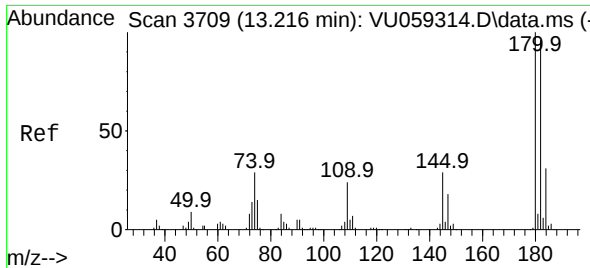
Ion Ratio Lower Upper

75 100

155 84.4 57.5 86.3

157 110.5 73.4 110.2#





#69

1,3,5-Trichlorobenzene

Concen: 55.432 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. -0.000 min

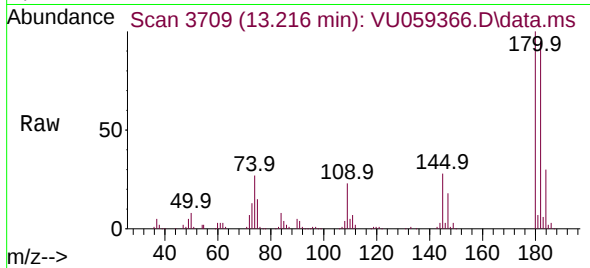
Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 140033

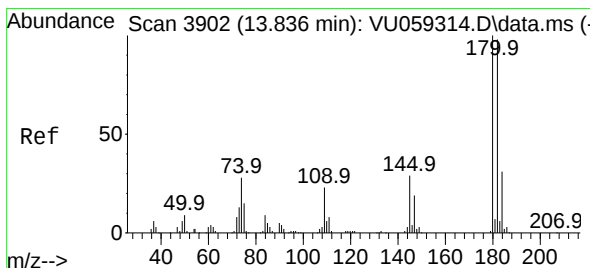
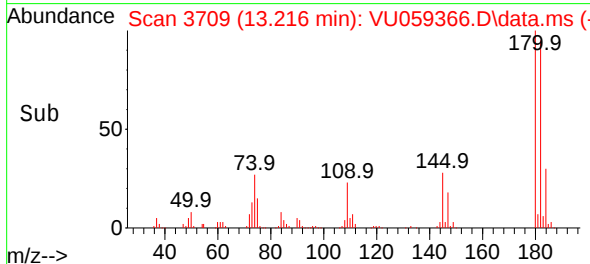
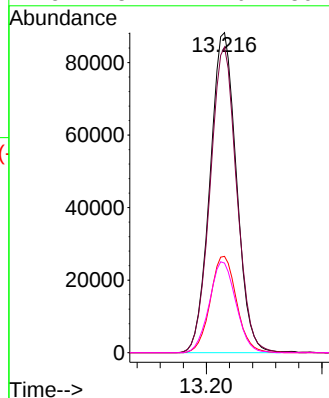
Ion Ratio Lower Upper

180 100

182 95.9 75.6 113.4

184 29.9 24.2 36.2

145 28.7 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 58.261 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

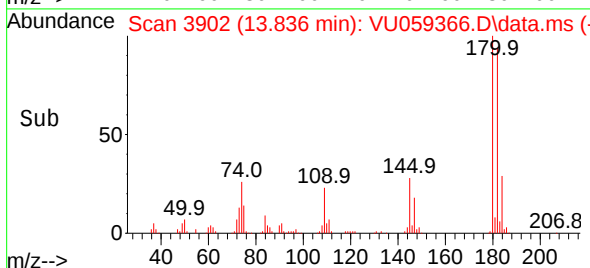
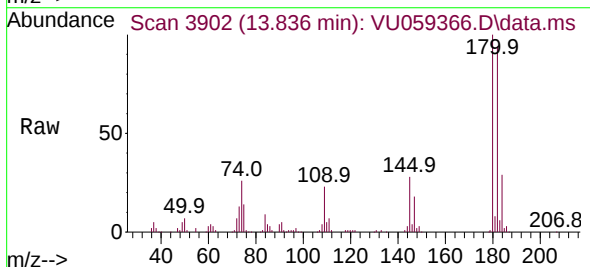
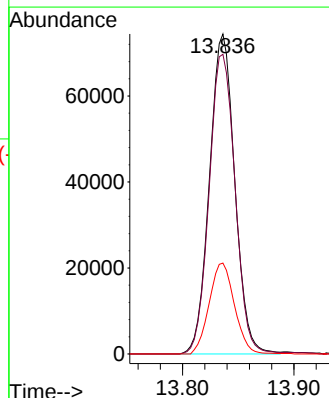
Tgt Ion:180 Resp: 117552

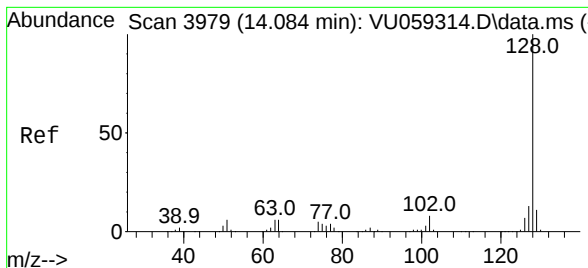
Ion Ratio Lower Upper

180 100

182 95.7 77.4 116.2

145 28.4 24.8 37.2





#71

Naphthalene

Concen: 55.825 ug/L

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

Instrument :

MSVOA_U

ClientSampleId :

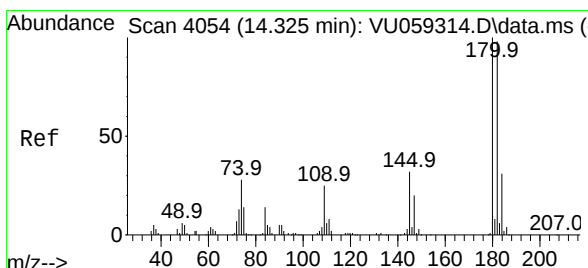
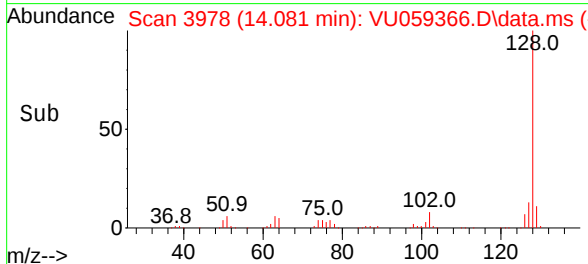
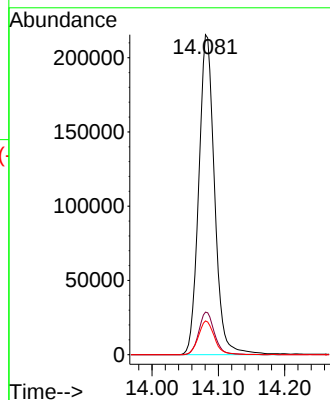
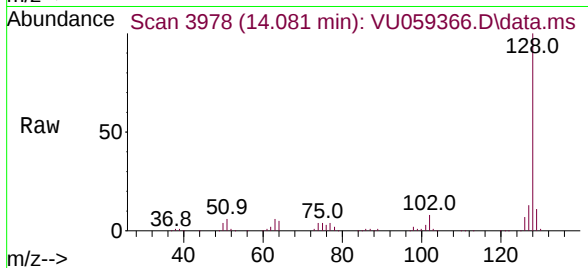
Tgt Ion:128 Resp: 356529

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 59.897 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU059366.D

Acq: 20 Jun 2024 09:20

Tgt Ion:180 Resp: 122867

Ion Ratio Lower Upper

180 100

182 97.9 76.2 114.4

145 31.1 26.4 39.6

