

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
 Data File : VU059411.D
 Acq On : 21 Jun 2024 14:17
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 22 00:05:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 00:01:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	248718	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	245414	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	129821	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	74103	49.761	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.520%
7) Chloroethane-d5	1.904	69	58905	46.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.360%
11) 1,1-Dichloroethene-d2	2.560	63	130432	44.373	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.740%
21) 2-Butanone-d5	4.611	46	106229	75.681	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.680%
24) Chloroform-d	5.052	84	128783	43.441	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.880%
26) 1,2-Dichloroethane-d4	5.692	65	77927	42.888	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.780%
32) Benzene-d6	5.721	84	262501	46.604	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.682	67	79721	41.049	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.100%
41) Toluene-d8	7.891	98	247224	51.703	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	8.174	79	36760	46.826	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.660%
47) 2-Hexanone-d5	8.624	63	71819	79.968	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.970%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	125006	38.032	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.060%
66) 1,2-Dichlorobenzene-d4	12.187	152	94071	48.556	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.120%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	97416	38.656	ug/L	100
3) Chloromethane	1.518	50	105785	36.321	ug/L	100
5) Vinyl chloride	1.599	62	119981	41.924	ug/L	99
6) Bromomethane	1.850	94	76828	33.555	ug/L	97
8) Chloroethane	1.927	64	72480	40.613	ug/L	99
9) Trichlorofluoromethane	2.132	101	146509	43.993	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	90273	46.589	ug/L	91
12) 1,1-Dichloroethene	2.573	96	83910	47.746	ug/L	83
13) Acetone	2.615	43	102489	62.120	ug/L	98
14) Carbon disulfide	2.785	76	234993	39.703	ug/L	99
15) Methyl Acetate	2.939	43	111413	42.631	ug/L	96
16) Methylene chloride	3.036	84	101836	42.826	ug/L	90
17) trans-1,2-Dichloroethene	3.345	96	89659	47.267	ug/L	89
18) Methyl tert-butyl Ether	3.354	73	281441	45.677	ug/L	96
19) 1,1-Dichloroethane	3.859	63	170538	41.944	ug/L	96
20) cis-1,2-Dichloroethene	4.656	96	105027	48.589	ug/L	86
22) 2-Butanone	4.689	43	160949	80.577	ug/L	98
23) Bromochloromethane	4.965	128	55292	50.500	ug/L	81
25) Chloroform	5.078	83	177293	45.034	ug/L	99

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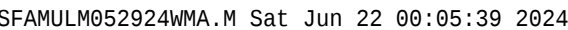
Instrument :
 MSVOA_U
 ClientSampleId :

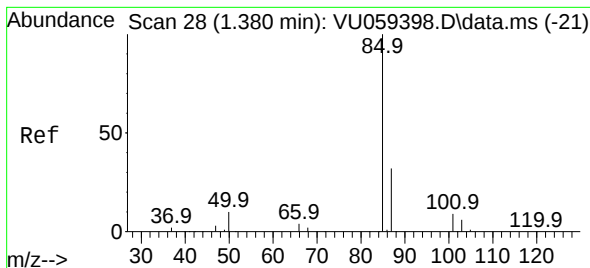
Quant Time: Jun 22 00:05:30 2024
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 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 00:01:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	135560	40.760	ug/L	98
29) Cyclohexane	5.380	56	136119	41.545	ug/L	93
30) 1,1,1-Trichloroethane	5.309	97	143358	44.927	ug/L	97
31) Carbon tetrachloride	5.518	117	118676	45.788	ug/L	100
33) Benzene	5.766	78	391384	44.166	ug/L	100
34) Trichloroethene	6.534	95	105347	48.550	ug/L	92
35) Methylcyclohexane	6.756	83	148763	46.628	ug/L	91
37) 1,2-Dichloropropane	6.782	63	105793	42.042	ug/L #	97
38) Bromodichloromethane	7.097	83	130653	44.574	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	158178	45.432	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	294364	89.229	ug/L #	95
42) Toluene	7.962	91	427443	48.053	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	145013	46.007	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	107040	47.311	ug/L	98
46) Tetrachloroethene	8.547	164	79742	55.172	ug/L	90
48) 2-Hexanone	8.676	43	237567	85.385	ug/L #	96
49) Dibromochloromethane	8.804	129	104802	51.256	ug/L	99
50) 1,2-Dibromoethane	8.917	107	112840	48.350	ug/L	96
51) Chlorobenzene	9.441	112	269742	50.243	ug/L	96
52) Ethylbenzene	9.563	91	446773	48.719	ug/L	97
53) m,p-Xylene	9.688	106	172220	51.098	ug/L	94
54) o-Xylene	10.094	106	166686	51.031	ug/L	96
55) Styrene	10.110	104	294989	53.131	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.775	83	181315	43.993	ug/L	99
59) Bromoform	10.283	173	85393	50.168	ug/L	99
60) 1,2,3-Trichloropropane	10.814	75	143890	39.857	ug/L	98
61) Isopropylbenzene	10.479	105	443049	48.509	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	325677	49.215	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	357488	49.834	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	215639	50.516	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	219607	49.814	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	215890	48.389	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	41932	45.816	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.216	180	153767	54.544	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	134891	59.908	ug/L	98
71) Naphthalene	14.081	128	446034	62.583	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	138770	60.621	ug/L	98

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

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#2

Dichlorodifluoromethane

Concen: 38.656 ug/L

RT: 1.380 min Scan# 28

Delta R.T. -0.000 min

Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

Instrument :

MSVOA_U

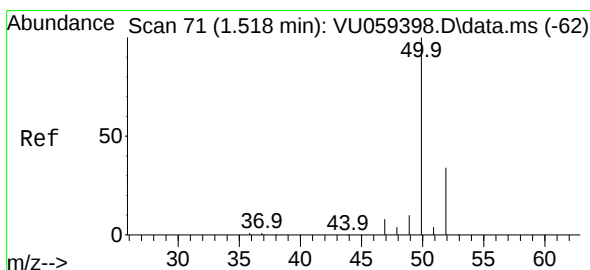
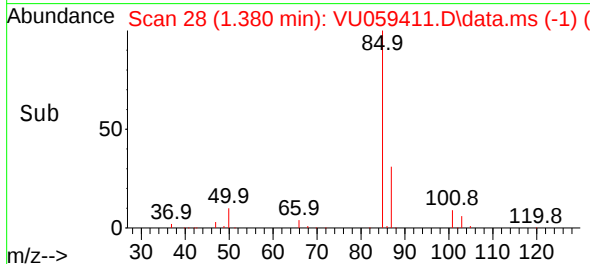
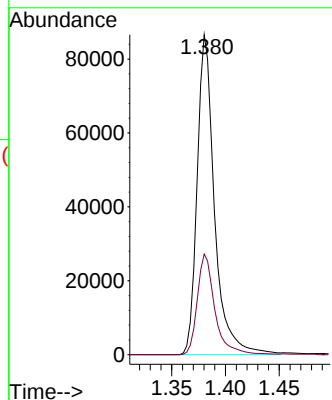
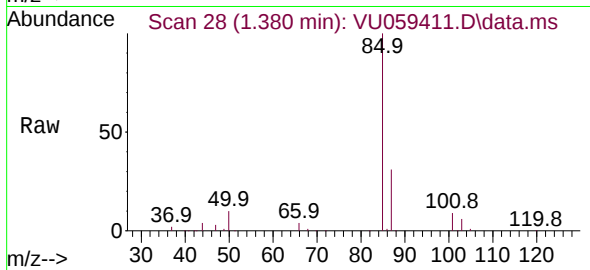
ClientSampleId :

Tgt Ion: 85 Resp: 97416

Ion Ratio Lower Upper

85 100

87 31.8 25.4 38.2



#3

Chloromethane

Concen: 36.321 ug/L

RT: 1.518 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU059411.D

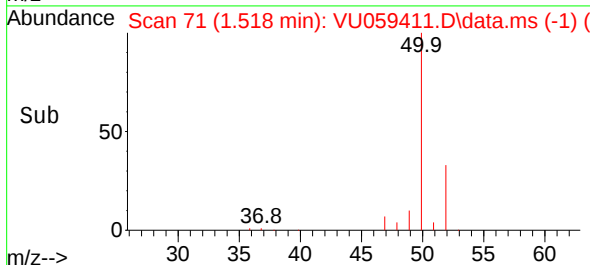
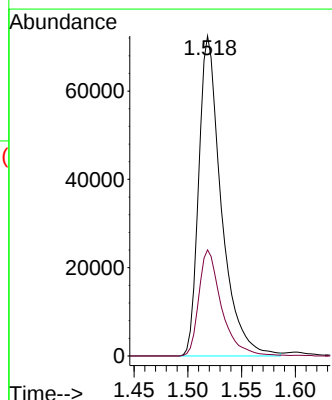
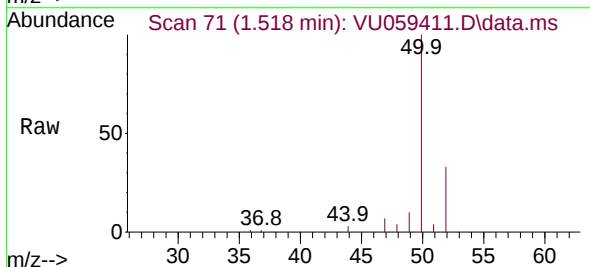
Acq: 21 Jun 2024 14:17

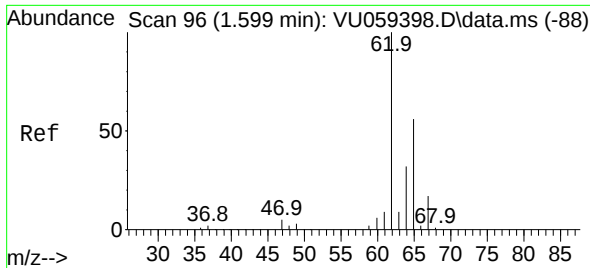
Tgt Ion: 50 Resp: 105785

Ion Ratio Lower Upper

50 100

52 33.2 23.2 43.2

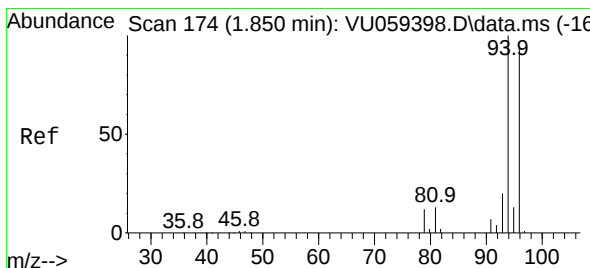
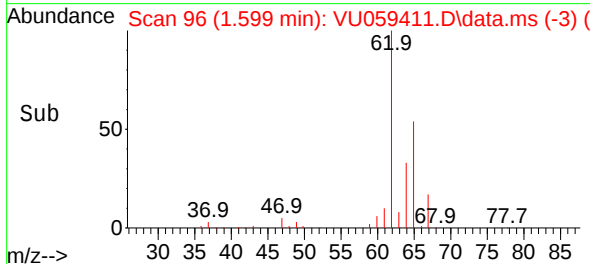
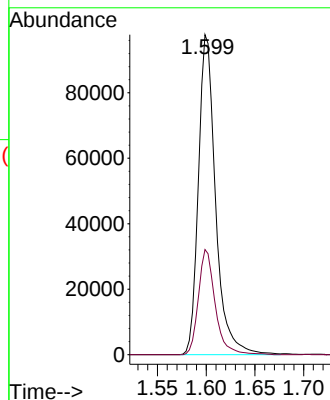
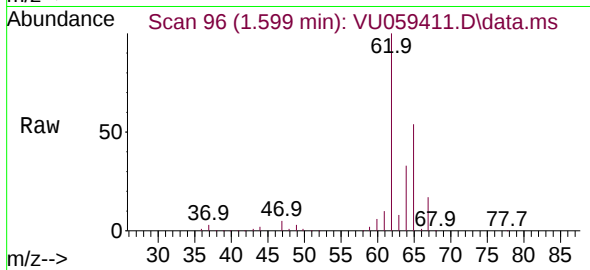




#5
 Vinyl chloride
 Concen: 41.924 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU059411.D
 Acq: 21 Jun 2024 14:17

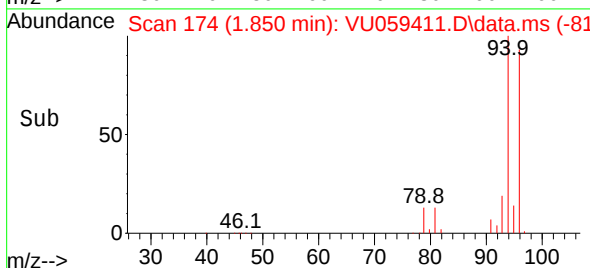
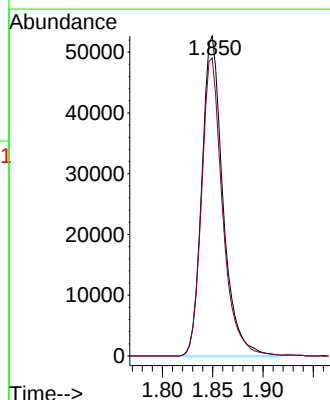
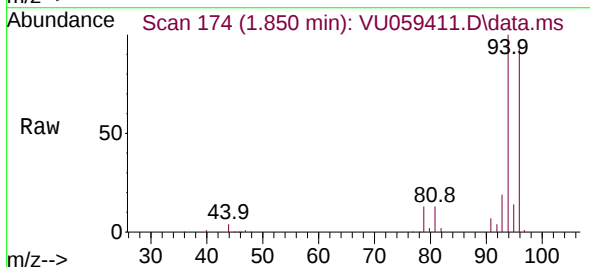
Instrument :
 MSVOA_U
 ClientSampleId :

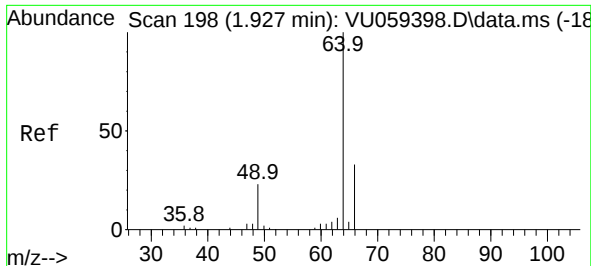
Tgt Ion: 62 Resp: 119981
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.5 41.7



#6
 Bromomethane
 Concen: 33.555 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. -0.000 min
 Lab File: VU059411.D
 Acq: 21 Jun 2024 14:17

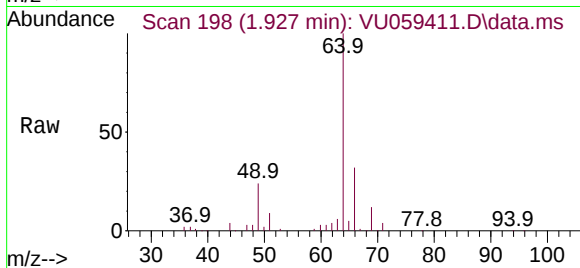
Tgt Ion: 94 Resp: 76828
 Ion Ratio Lower Upper
 94 100
 96 93.1 67.1 124.7



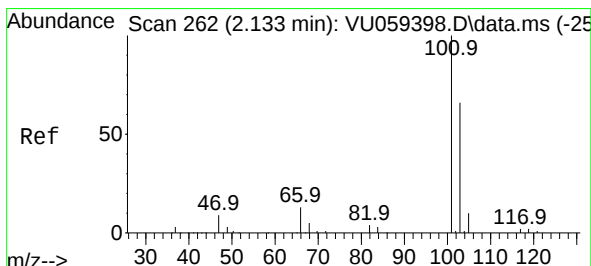
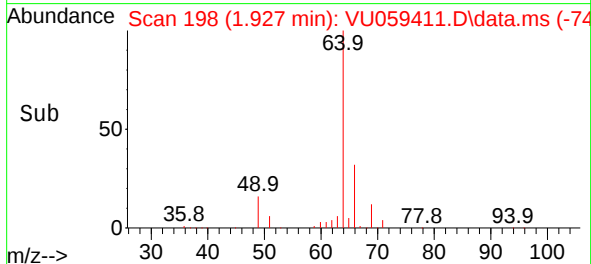
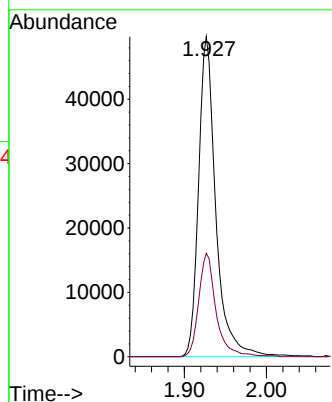


#8
Chloroethane
Concen: 40.613 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU059411.D
Acq: 21 Jun 2024 14:17

Instrument :
MSVOA_U
ClientSampleId :

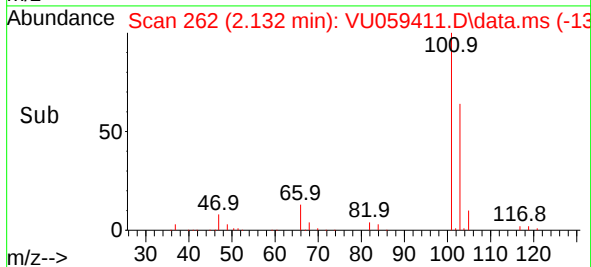
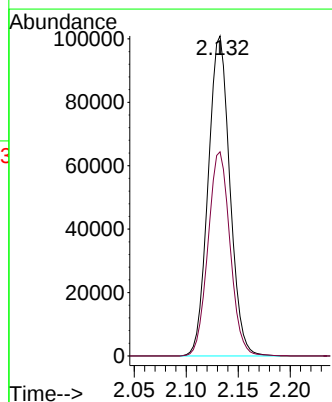
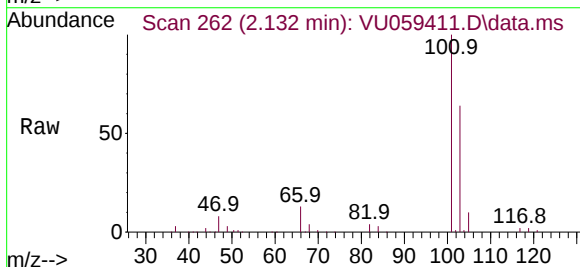


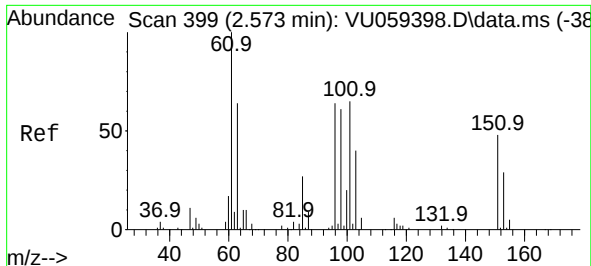
Tgt Ion: 64 Resp: 72480
Ion Ratio Lower Upper
64 100
66 32.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 43.993 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU059411.D
Acq: 21 Jun 2024 14:17

Tgt Ion:101 Resp: 146509
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.6

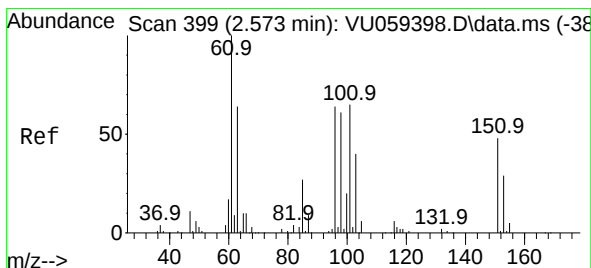
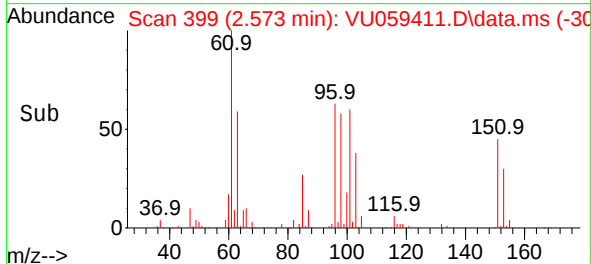
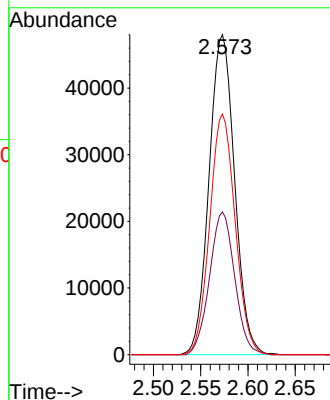
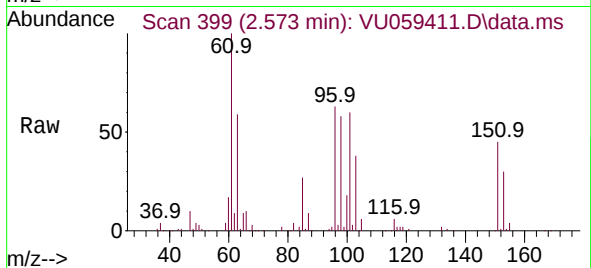




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.589 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059411.D
Acq: 21 Jun 2024 14:17

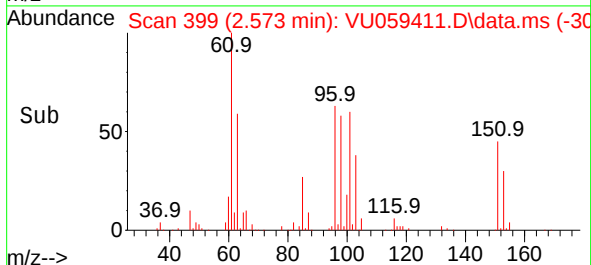
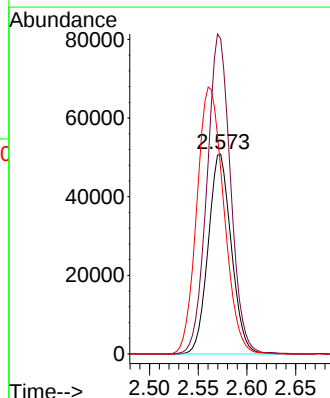
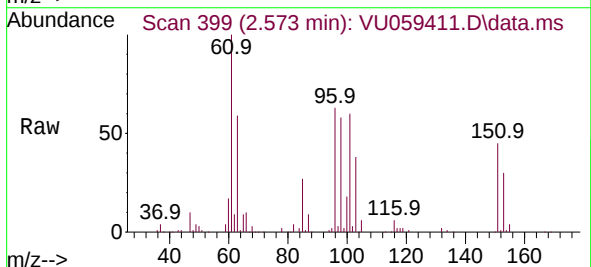
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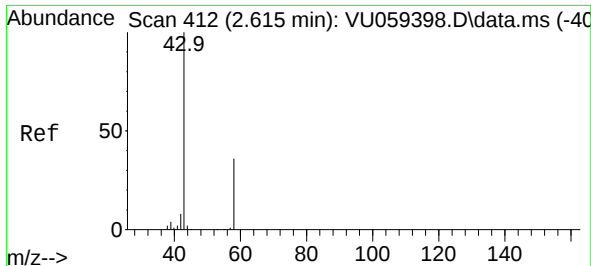
Tgt Ion:101 Resp: 90273
Ion Ratio Lower Upper
101 100
85 43.9 36.7 55.1
151 75.0 52.2 78.2



#12
1,1-Dichloroethene
Concen: 47.746 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059411.D
Acq: 21 Jun 2024 14:17

Tgt Ion: 96 Resp: 83910
Ion Ratio Lower Upper
96 100
61 157.7 126.3 234.6
63 92.6 78.7 146.1





#13

Acetone

Concen: 62.120 ug/L

RT: 2.615 min Scan# 412

Delta R.T. -0.000 min

Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

Instrument :

MSVOA_U

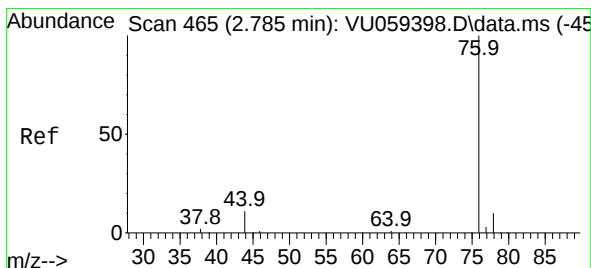
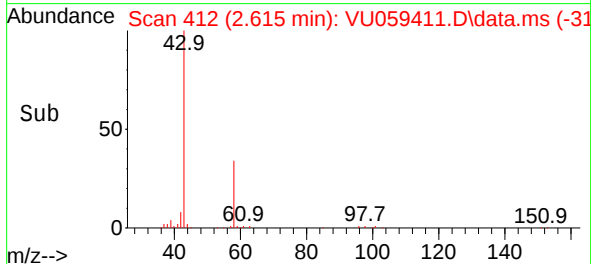
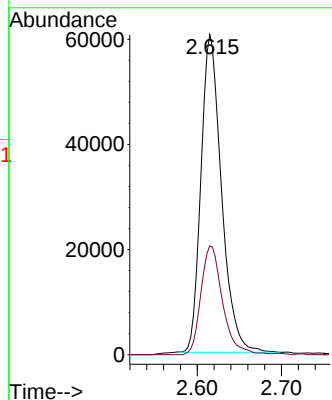
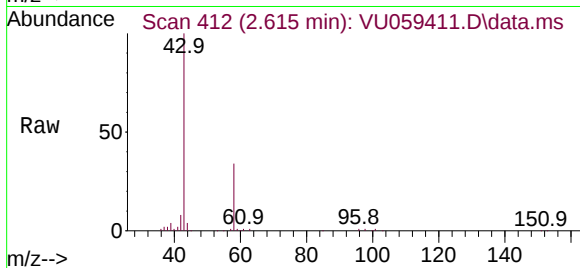
ClientSampleId :

Tgt Ion: 43 Resp: 102489

Ion Ratio Lower Upper

43 100

58 35.8 0.0 68.8



#14

Carbon disulfide

Concen: 39.703 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU059411.D

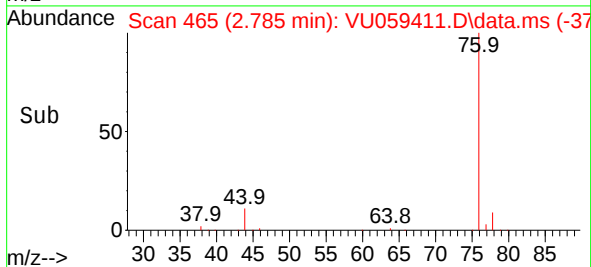
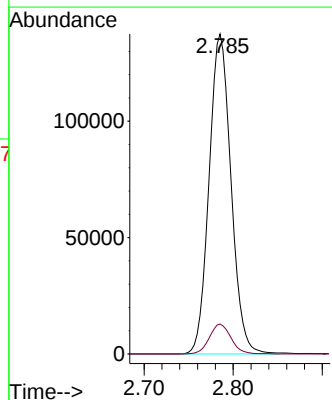
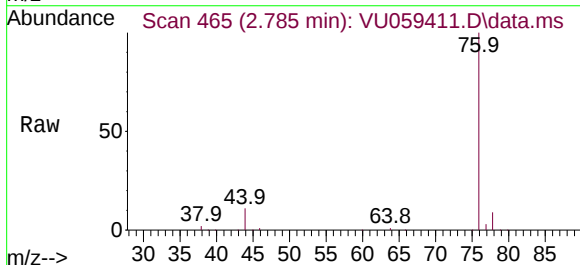
Acq: 21 Jun 2024 14:17

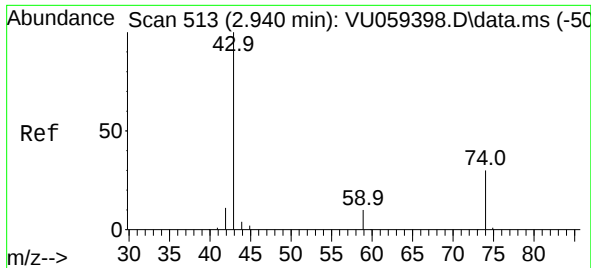
Tgt Ion: 76 Resp: 234993

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8





#15

Methyl Acetate

Concen: 42.631 ug/L

RT: 2.939 min Scan# 51

Delta R.T. -0.000 min

Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

Instrument :

MSVOA_U

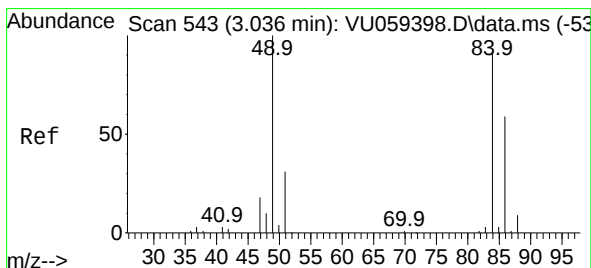
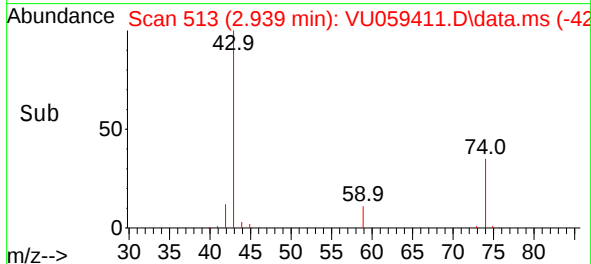
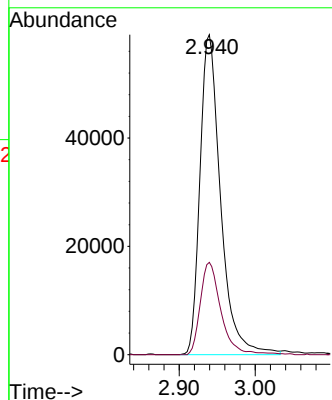
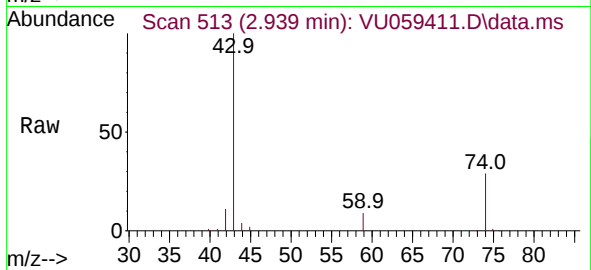
ClientSampleId :

Tgt Ion: 43 Resp: 111413

Ion Ratio Lower Upper

43 100

74 27.9 20.8 31.2



#16

Methylene chloride

Concen: 42.826 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

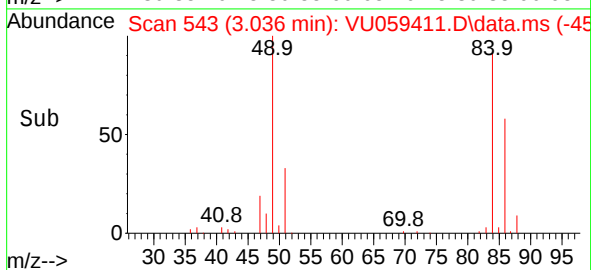
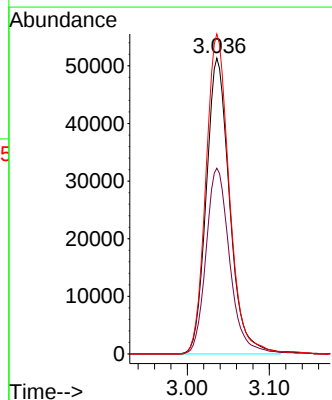
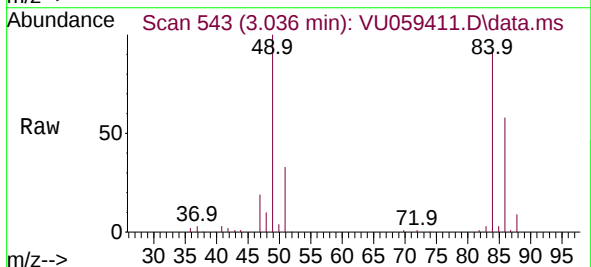
Tgt Ion: 84 Resp: 101836

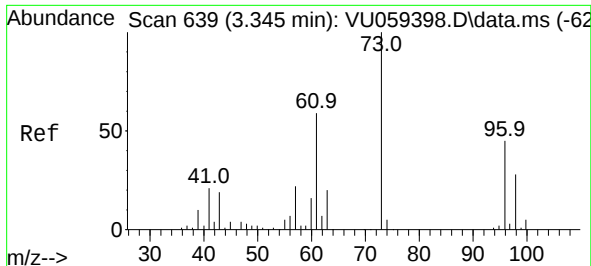
Ion Ratio Lower Upper

84 100

86 62.8 44.9 83.3

49 108.1 87.5 162.5





#17

trans-1,2-Dichloroethene

Concen: 47.267 ug/L

RT: 3.345 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

Instrument :

MSVOA_U

ClientSampleId :

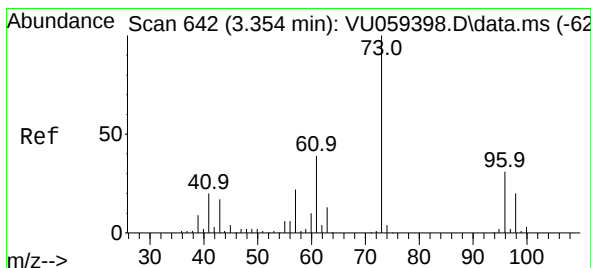
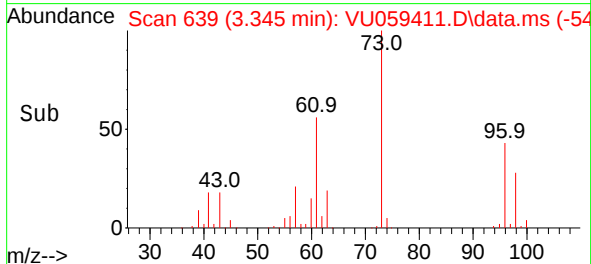
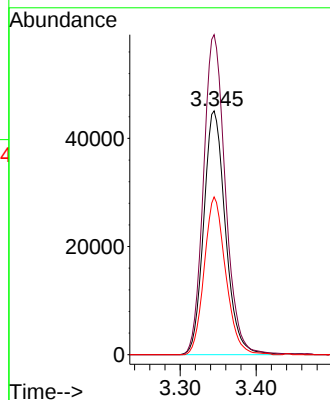
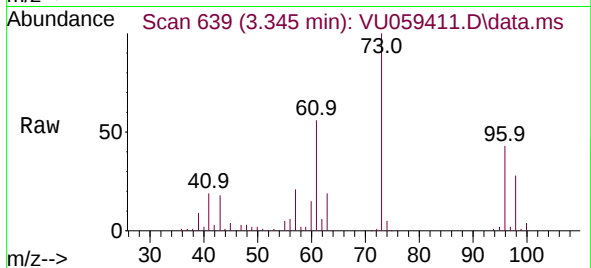
Tgt Ion: 96 Resp: 89659

Ion Ratio Lower Upper

96 100

61 131.3 103.5 192.3

98 64.7 42.4 78.6



#18

Methyl tert-butyl Ether

Concen: 45.677 ug/L

RT: 3.354 min Scan# 642

Delta R.T. -0.000 min

Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

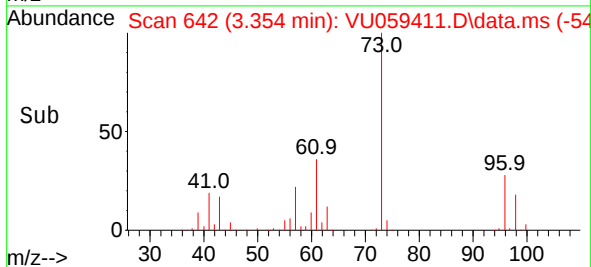
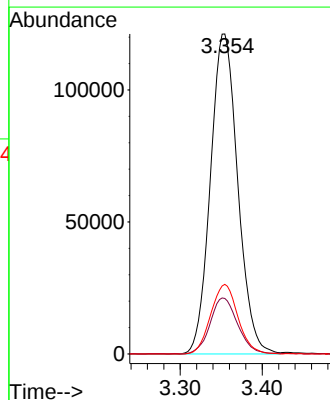
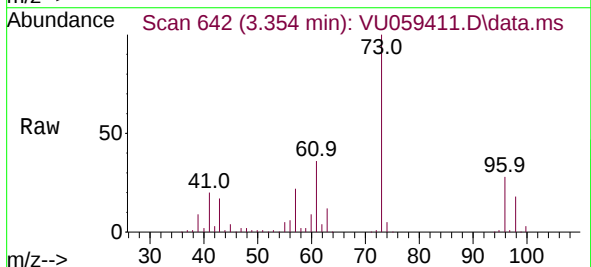
Tgt Ion: 73 Resp: 281441

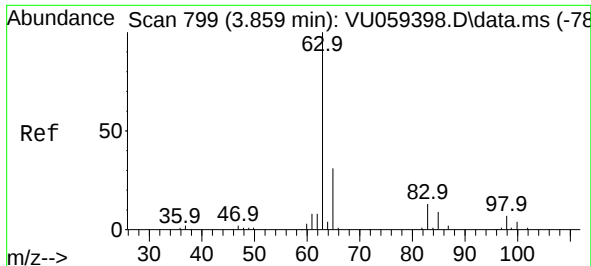
Ion Ratio Lower Upper

73 100

43 17.6 15.6 23.4

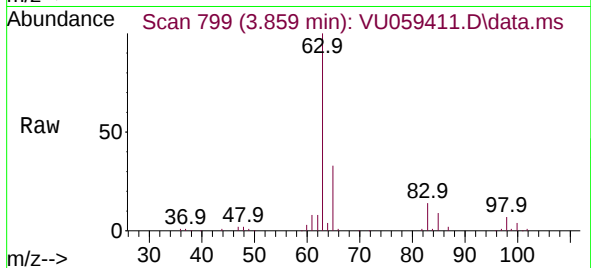
57 21.6 18.6 28.0



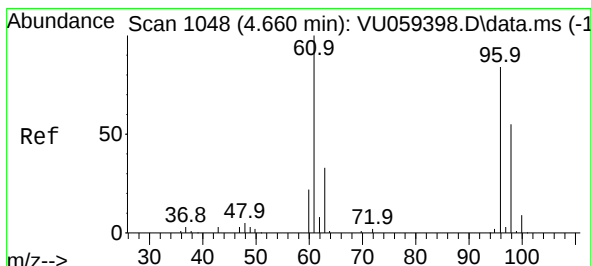
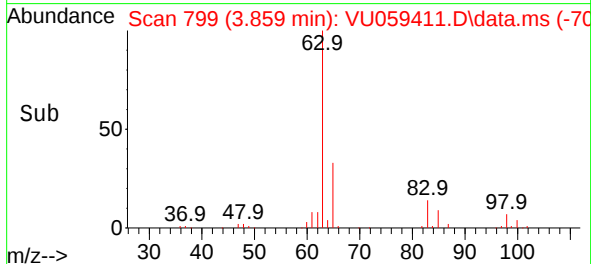
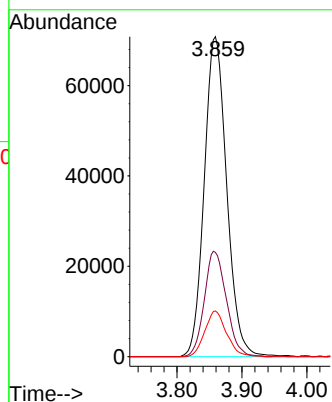


#19
1,1-Dichloroethane
Concen: 41.944 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU059411.D
Acq: 21 Jun 2024 14:17

Instrument :
MSVOA_U
ClientSampleId :

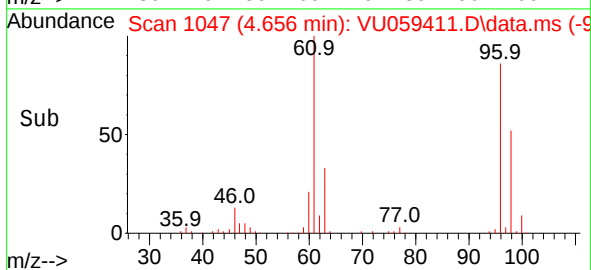
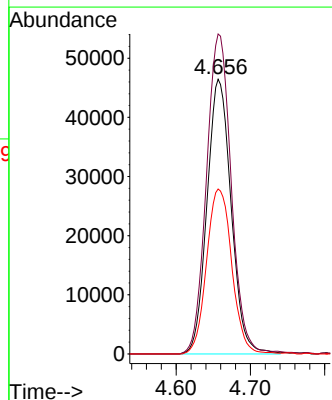
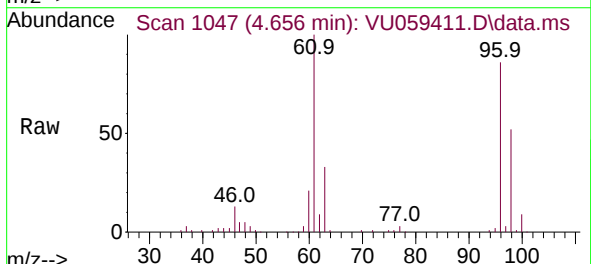


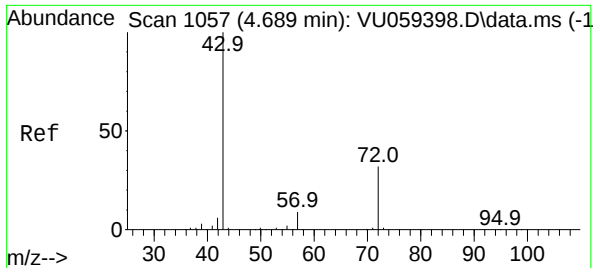
Tgt Ion: 63 Resp: 170538
Ion Ratio Lower Upper
63 100
65 32.6 21.3 39.5
83 14.3 8.8 16.3



#20
cis-1,2-Dichloroethene
Concen: 48.589 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU059411.D
Acq: 21 Jun 2024 14:17

Tgt Ion: 96 Resp: 105027
Ion Ratio Lower Upper
96 100
61 116.5 96.2 178.6
98 60.0 45.6 84.6

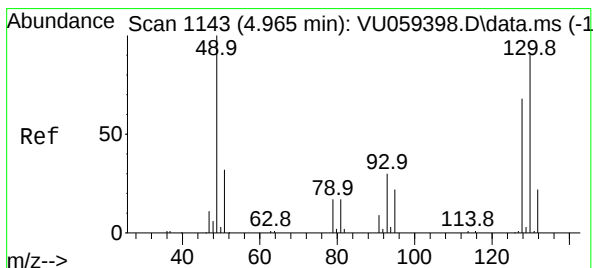
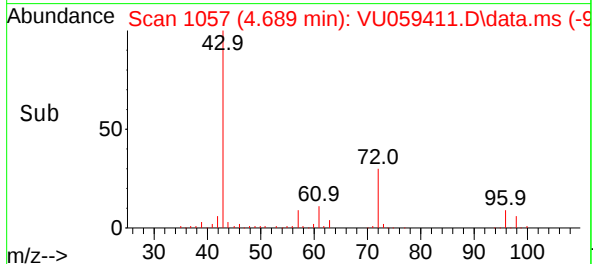
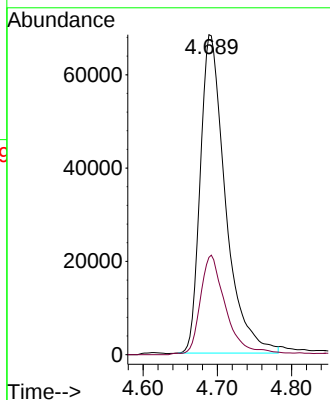
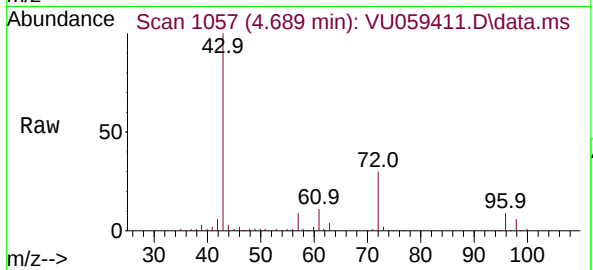




#22
2-Butanone
Concen: 80.577 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VU059411.D
Acq: 21 Jun 2024 14:17

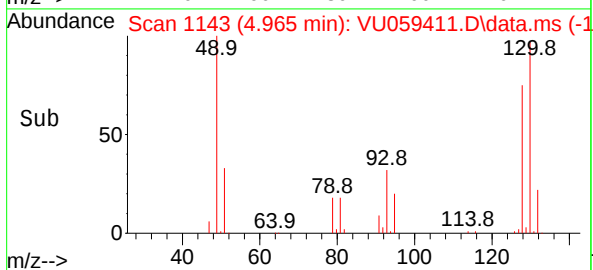
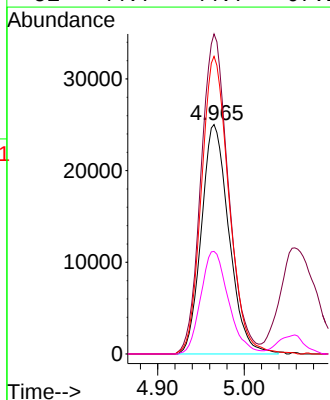
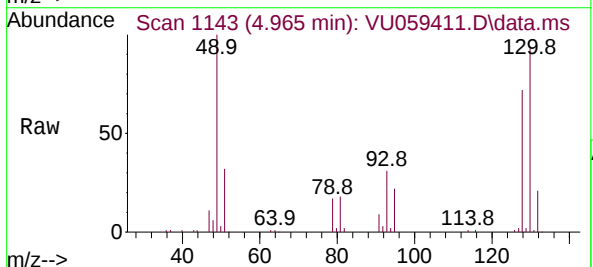
Instrument :
MSVOA_U
ClientSampleId :

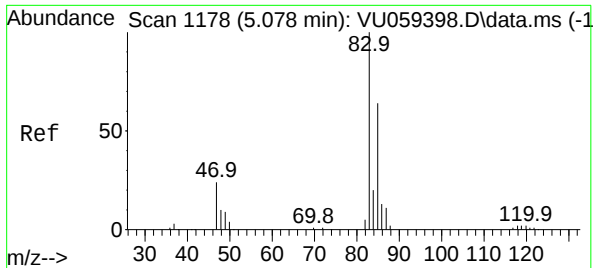
Tgt Ion: 43 Resp: 160949
Ion Ratio Lower Upper
43 100
72 29.6 14.2 42.8



#23
Bromochloromethane
Concen: 50.500 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU059411.D
Acq: 21 Jun 2024 14:17

Tgt Ion:128 Resp: 55292
Ion Ratio Lower Upper
128 100
49 139.5 128.4 238.4
130 129.7 86.9 161.3
51 44.7 44.7 67.1

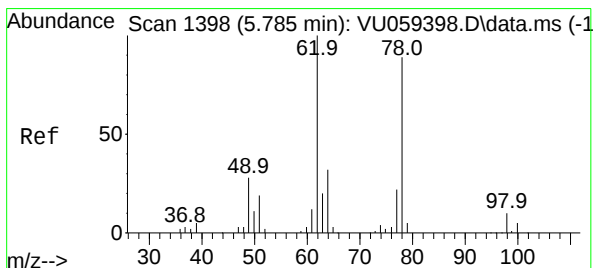
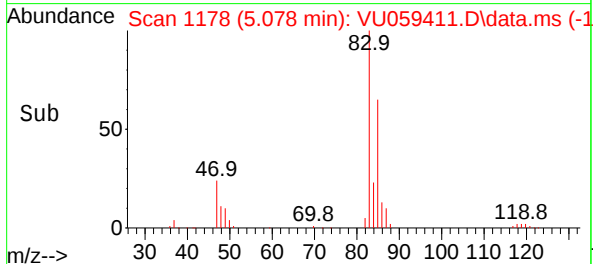
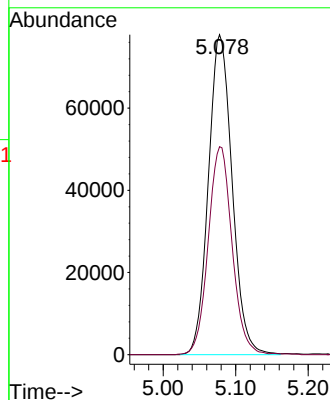
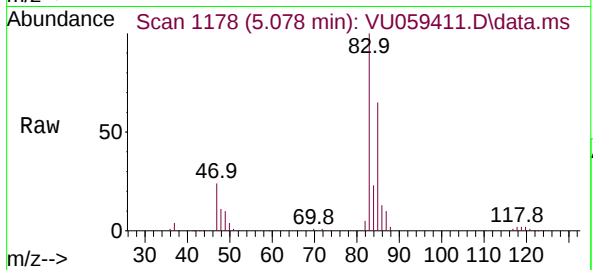




#25
Chloroform
Concen: 45.034 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU059411.D
Acq: 21 Jun 2024 14:17

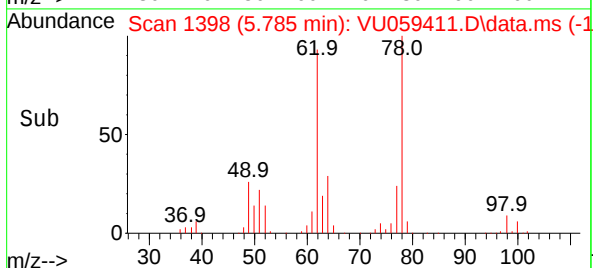
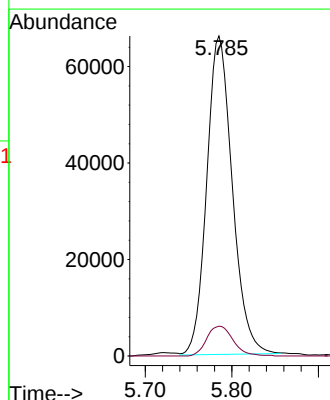
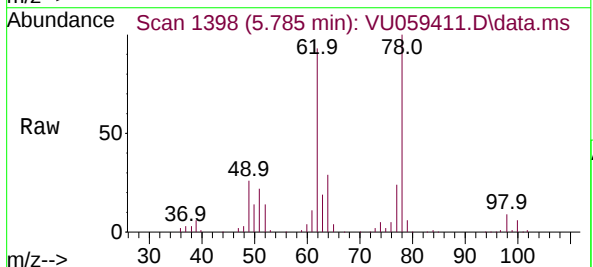
Instrument :
MSVOA_U
ClientSampleId :

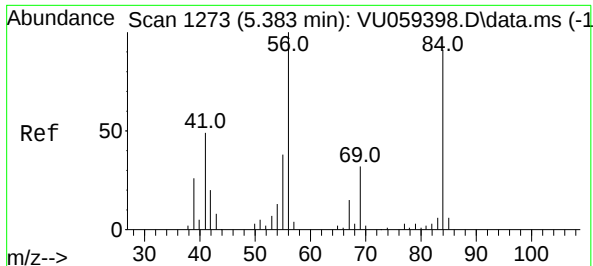
Tgt Ion: 83 Resp: 177293
Ion Ratio Lower Upper
83 100
85 65.0 46.1 85.7



#27
1,2-Dichloroethane
Concen: 40.760 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU059411.D
Acq: 21 Jun 2024 14:17

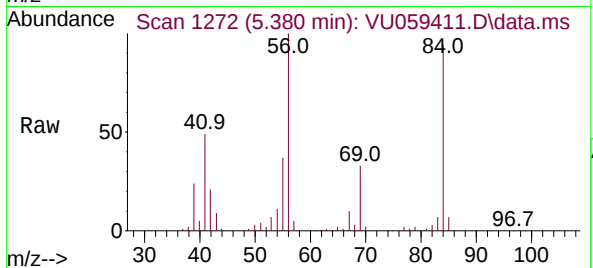
Tgt Ion: 62 Resp: 135560
Ion Ratio Lower Upper
62 100
98 9.3 6.9 10.3



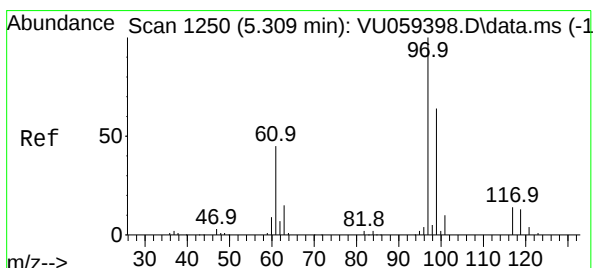
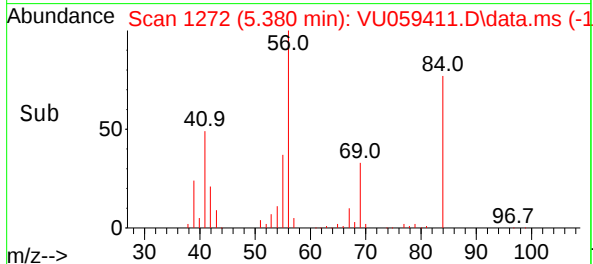
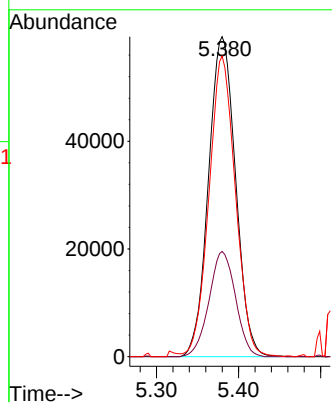


#29
Cyclohexane
Concen: 41.545 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU059411.D
Acq: 21 Jun 2024 14:17

Instrument :
MSVOA_U
ClientSampleId :

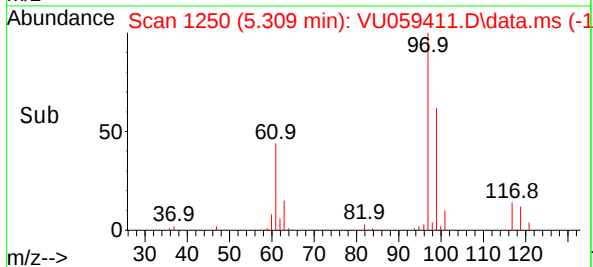
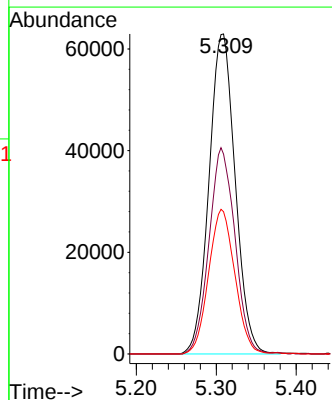
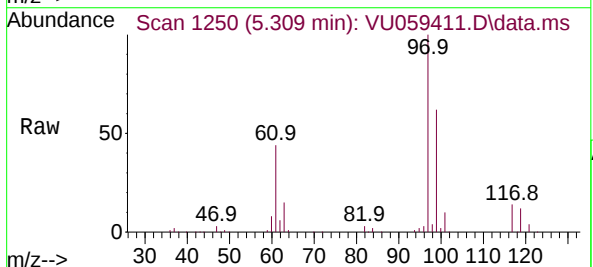


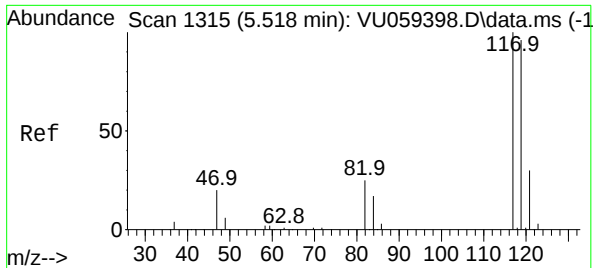
Tgt Ion: 56 Resp: 136119
Ion Ratio Lower Upper
56 100
69 32.2 24.6 37.0
84 91.8 67.4 101.0



#30
1,1,1-Trichloroethane
Concen: 44.927 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU059411.D
Acq: 21 Jun 2024 14:17

Tgt Ion: 97 Resp: 143358
Ion Ratio Lower Upper
97 100
99 63.8 51.6 77.4
61 45.2 39.1 58.7

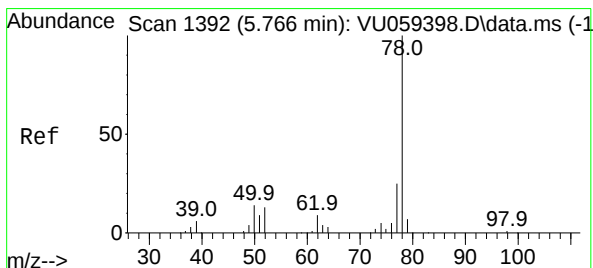
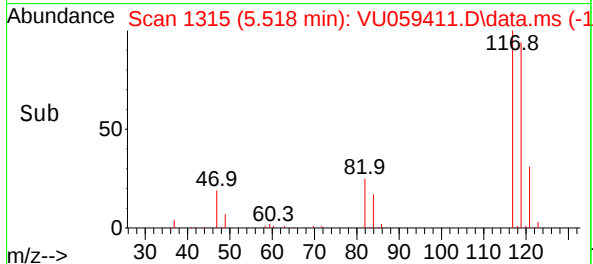
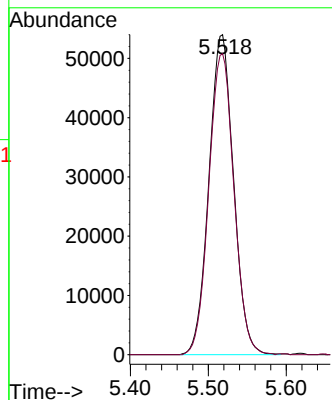
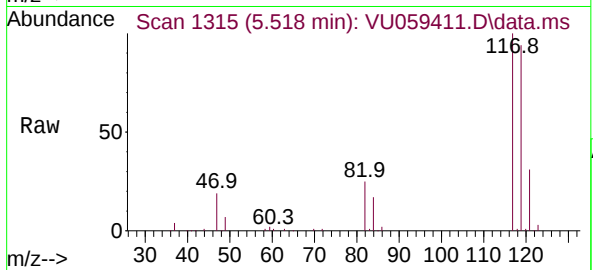




#31
Carbon tetrachloride
Concen: 45.788 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU059411.D
Acq: 21 Jun 2024 14:17

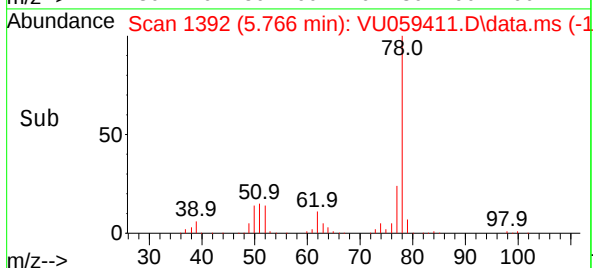
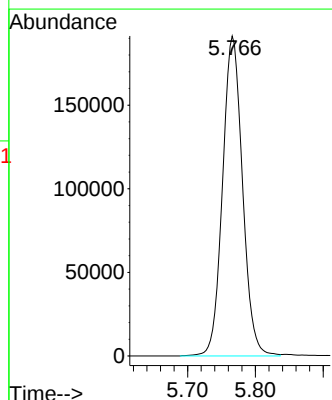
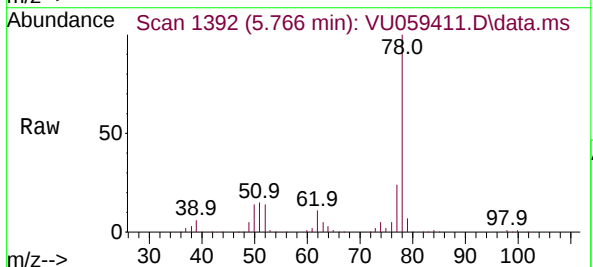
Instrument :
MSVOA_U
ClientSampleId :

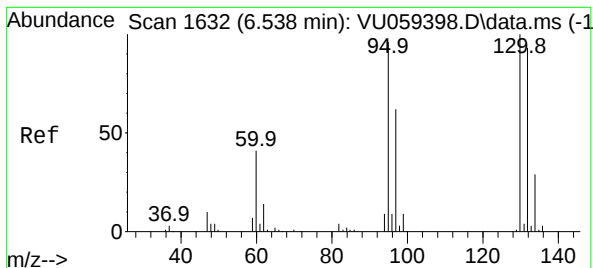
Tgt Ion:117 Resp: 118676
Ion Ratio Lower Upper
117 100
119 95.9 76.9 115.3



#33
Benzene
Concen: 44.166 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU059411.D
Acq: 21 Jun 2024 14:17

Tgt Ion: 78 Resp: 391384





#34

Trichloroethene

Concen: 48.550 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 105347

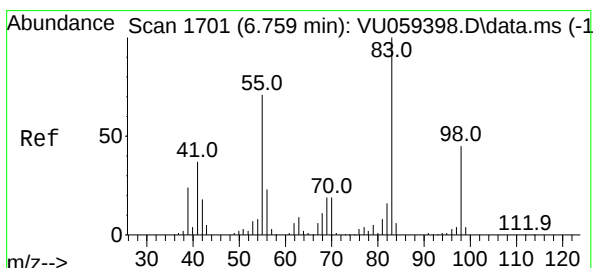
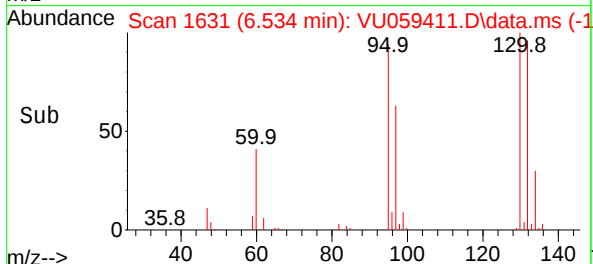
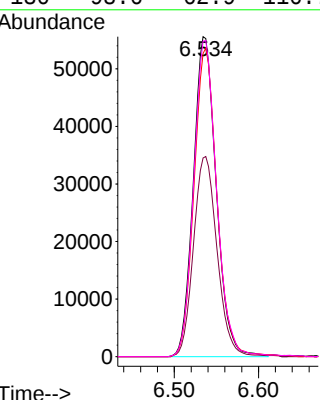
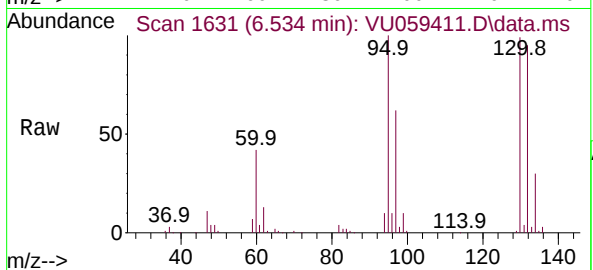
Ion Ratio Lower Upper

95 100

97 62.1 45.2 84.0

132 94.8 60.6 112.6

130 98.6 62.9 116.7



#35

Methylcyclohexane

Concen: 46.628 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

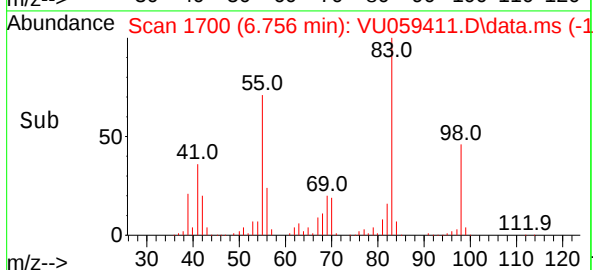
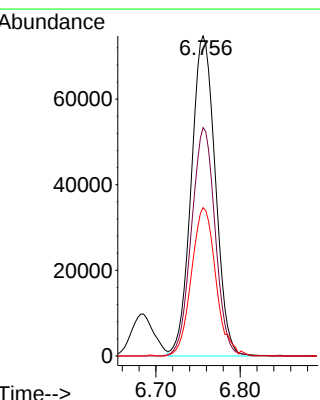
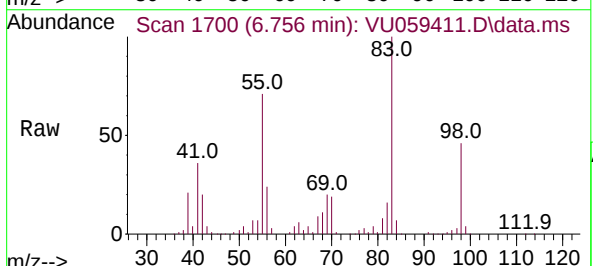
Tgt Ion: 83 Resp: 148763

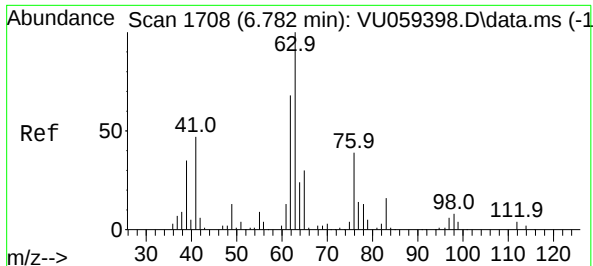
Ion Ratio Lower Upper

83 100

55 70.0 63.9 95.9

98 46.6 34.7 52.1

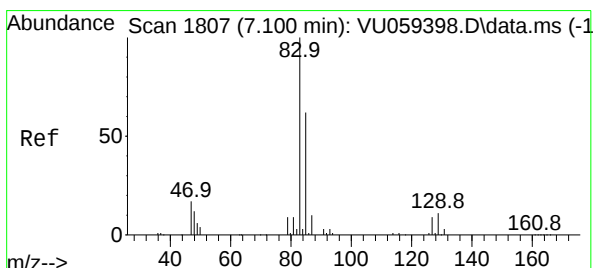
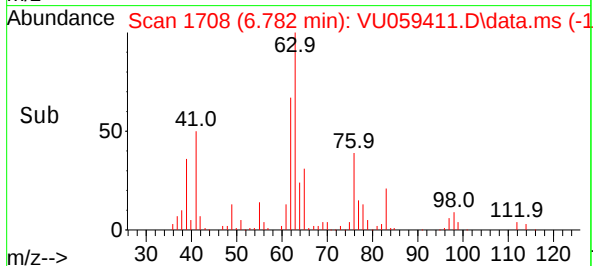
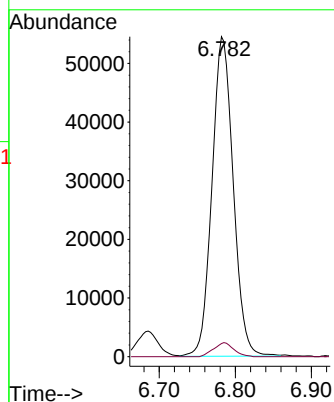
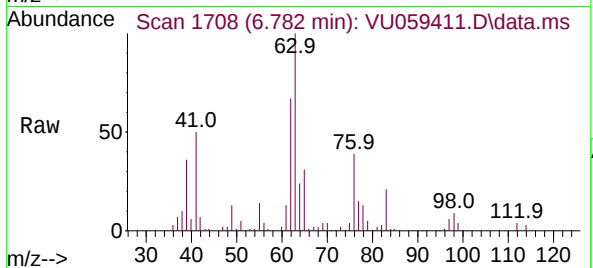




#37
1,2-Dichloropropane
Concen: 42.042 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU059411.D
Acq: 21 Jun 2024 14:17

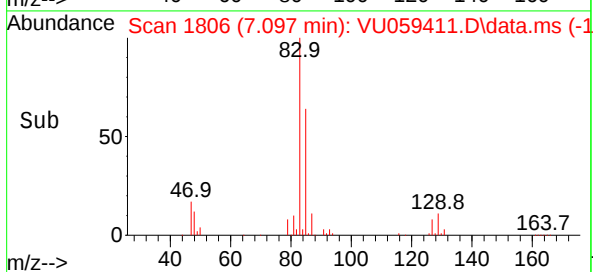
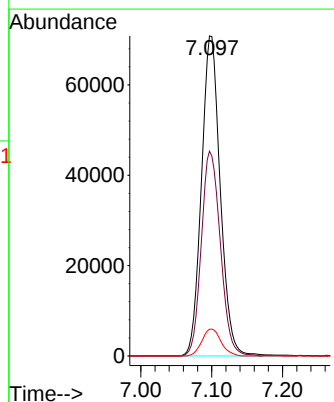
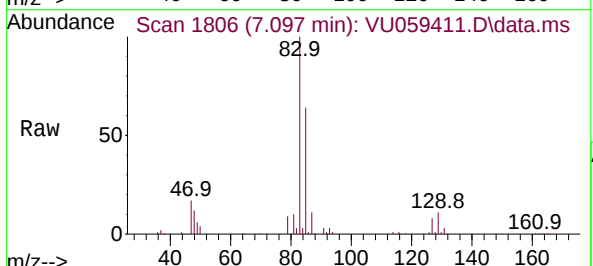
Instrument :
MSVOA_U
ClientSampleId :

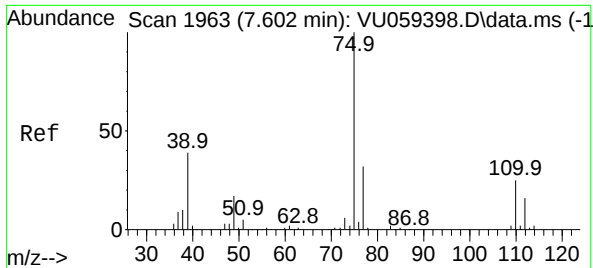
Tgt Ion: 63 Resp: 105793
Ion Ratio Lower Upper
63 100
112 4.2 2.6 4.0#



#38
Bromodichloromethane
Concen: 44.574 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU059411.D
Acq: 21 Jun 2024 14:17

Tgt Ion: 83 Resp: 130653
Ion Ratio Lower Upper
83 100
85 64.0 44.0 81.6
127 8.3 7.0 10.6

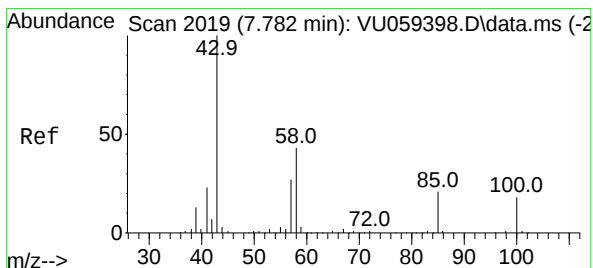
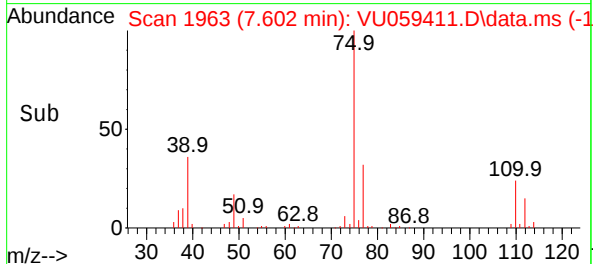
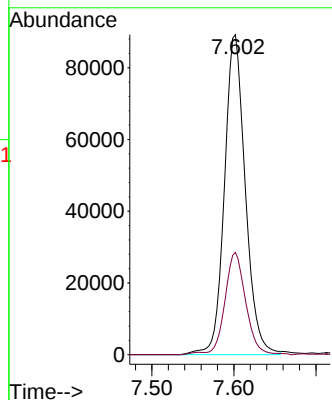
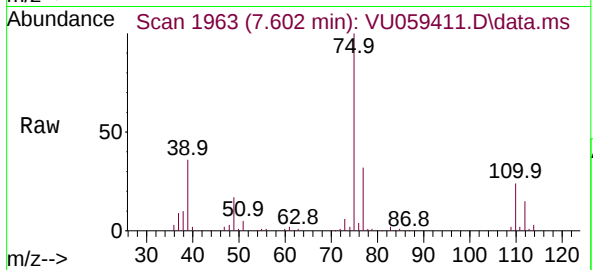




#39
 cis-1,3-Dichloropropene
 Concen: 45.432 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU059411.D
 Acq: 21 Jun 2024 14:17

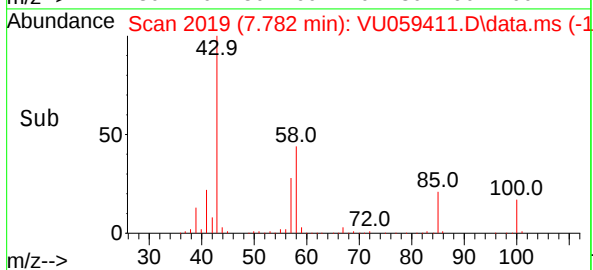
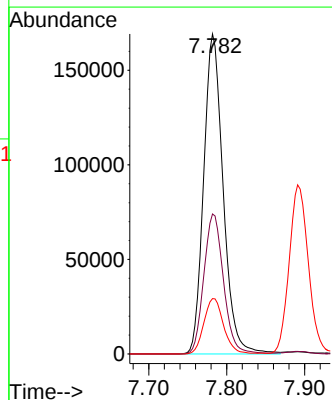
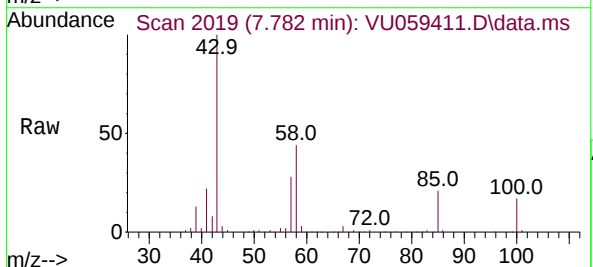
Instrument :
 MSVOA_U
 ClientSampleId :

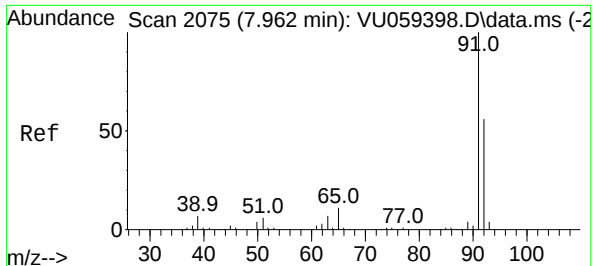
Tgt Ion: 75 Resp: 158178
 Ion Ratio Lower Upper
 75 100
 77 32.0 21.2 39.4



#40
 4-Methyl-2-pentanone
 Concen: 89.229 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU059411.D
 Acq: 21 Jun 2024 14:17

Tgt Ion: 43 Resp: 294364
 Ion Ratio Lower Upper
 43 100
 58 44.2 33.7 50.5
 100 17.5 11.4 17.0#





#42

Toluene

Concen: 48.053 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

Instrument :

MSVOA_U

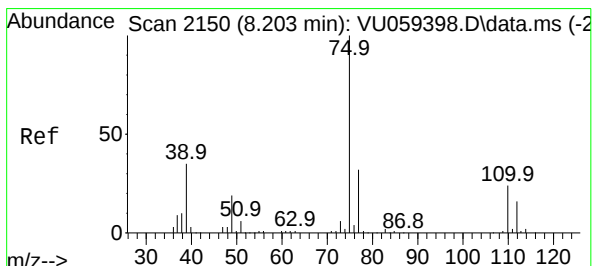
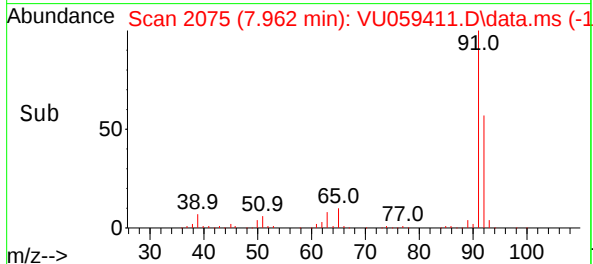
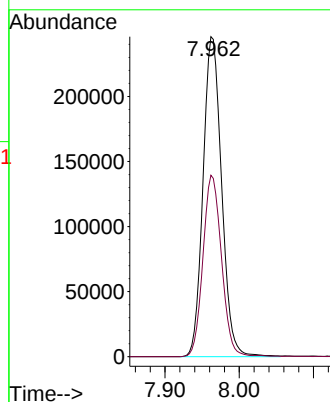
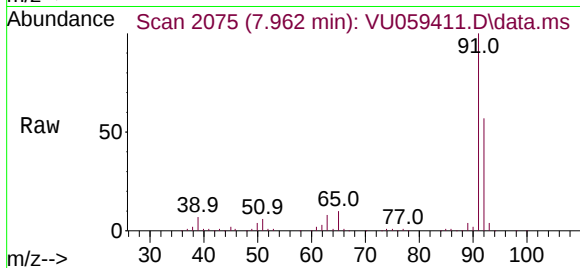
ClientSampleId :

Tgt Ion: 91 Resp: 427443

Ion Ratio Lower Upper

91 100

92 56.7 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 46.007 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU059411.D

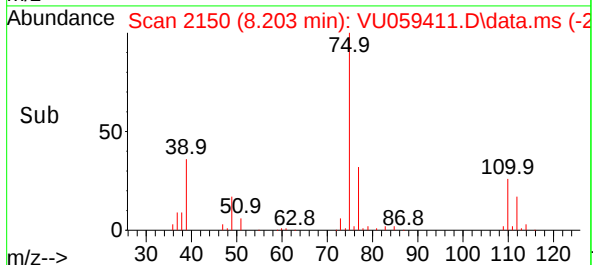
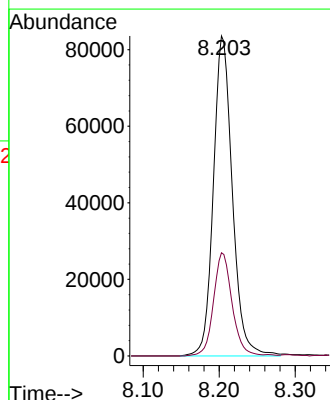
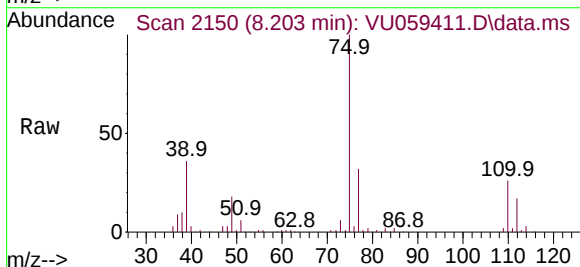
Acq: 21 Jun 2024 14:17

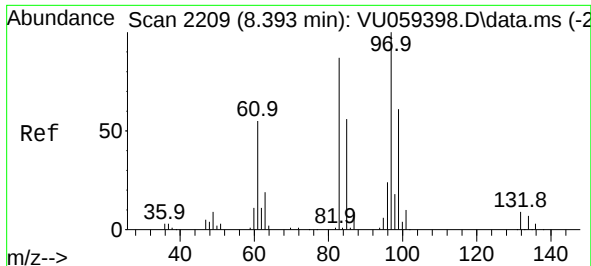
Tgt Ion: 75 Resp: 145013

Ion Ratio Lower Upper

75 100

77 32.3 22.0 40.8

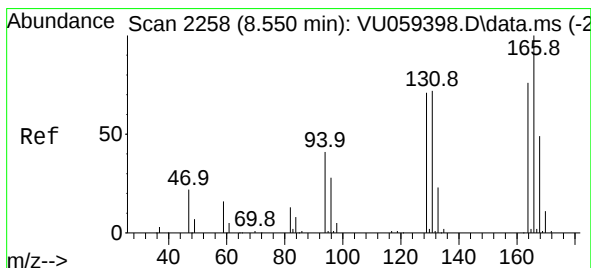
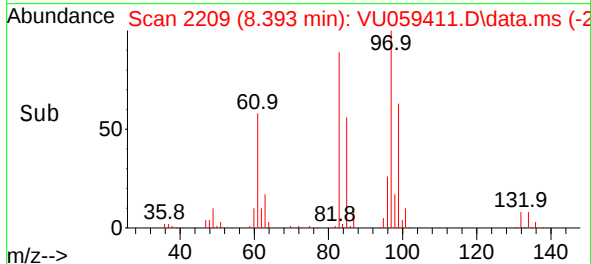
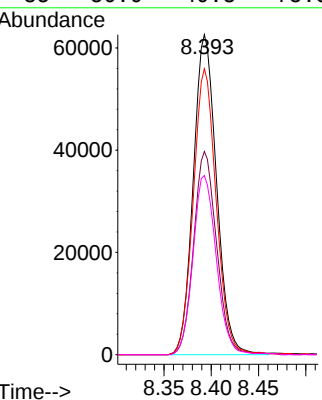
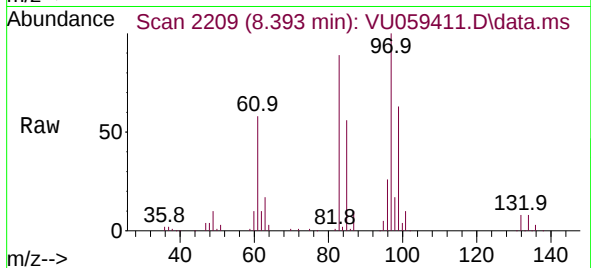




#45
1,1,2-Trichloroethane
Concen: 47.311 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU059411.D
Acq: 21 Jun 2024 14:17

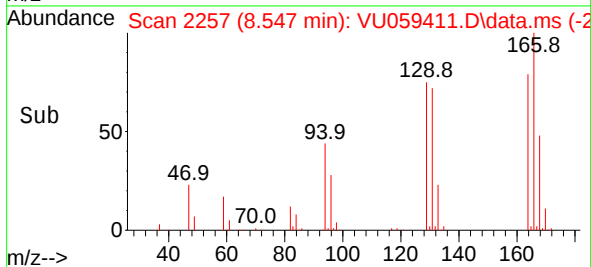
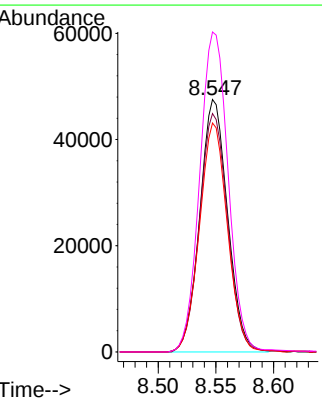
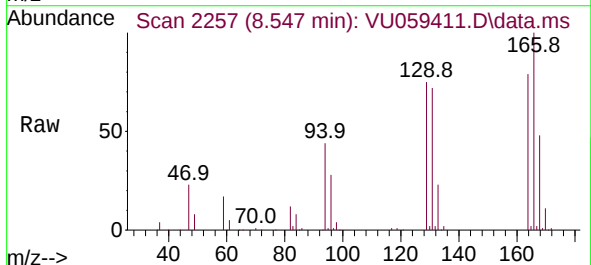
Instrument :
MSVOA_U
ClientSampleId :

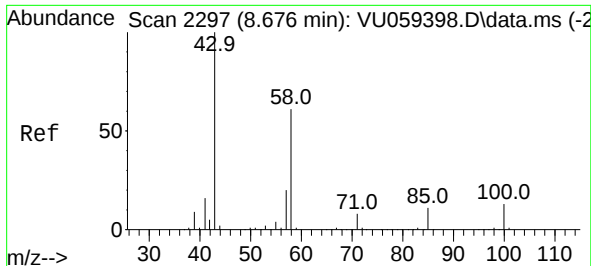
Tgt Ion:	97	Resp:	107040
Ion	Ratio	Lower	Upper
97	100		
99	63.5	44.0	81.6
83	89.4	63.6	118.2
85	56.0	40.8	75.8



#46
Tetrachloroethene
Concen: 55.172 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU059411.D
Acq: 21 Jun 2024 14:17

Tgt Ion:	164	Resp:	79742
Ion	Ratio	Lower	Upper
164	100		
129	94.4	74.5	138.5
131	90.7	70.6	131.0
166	126.7	95.1	176.7





#48

2-Hexanone

Concen: 85.385 ug/L

RT: 8.676 min Scan# 2297

Delta R.T. -0.000 min

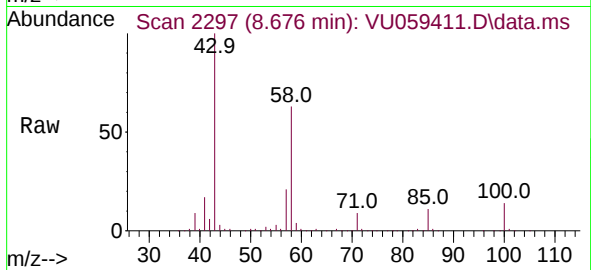
Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 237567

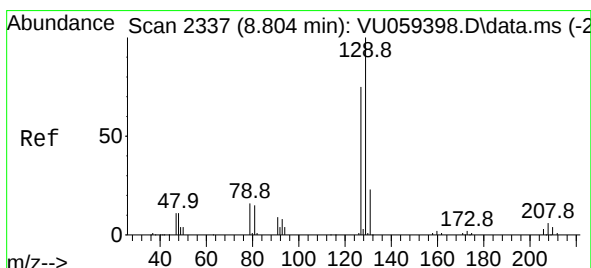
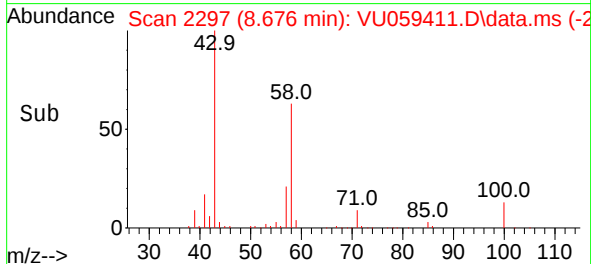
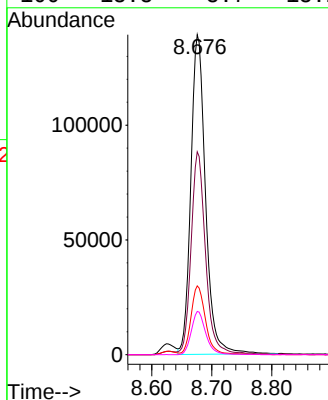
Ion Ratio Lower Upper

43 100

58 60.6 45.9 68.9

57 20.6 16.3 24.5

100 13.3 8.7 13.1#



#49

Dibromochloromethane

Concen: 51.256 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU059411.D

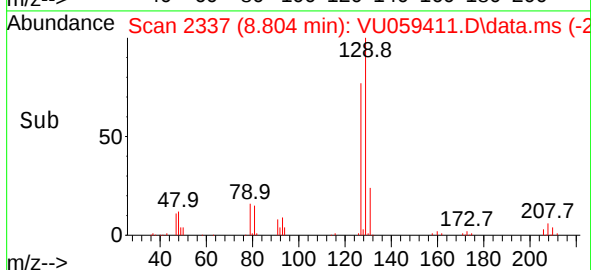
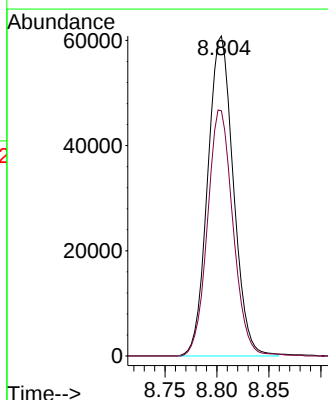
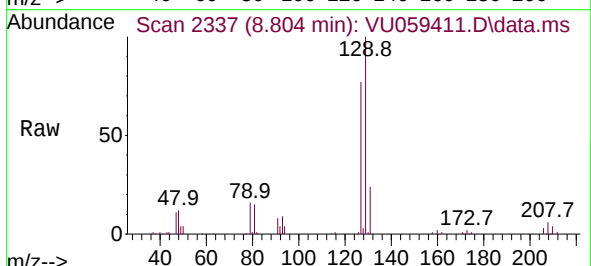
Acq: 21 Jun 2024 14:17

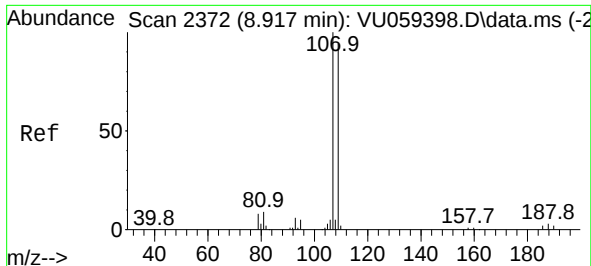
Tgt Ion: 129 Resp: 104802

Ion Ratio Lower Upper

129 100

127 76.6 53.3 98.9





#50

1,2-Dibromoethane

Concen: 48.350 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

Instrument :

MSVOA_U

ClientSampleId :

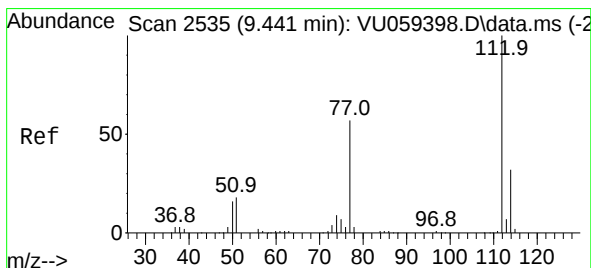
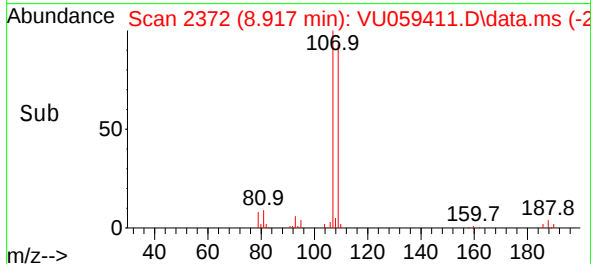
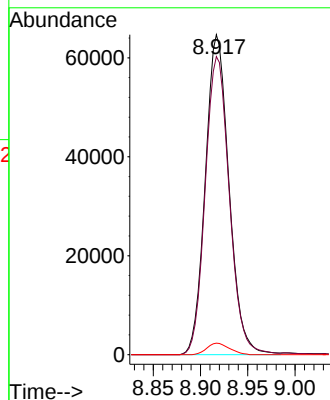
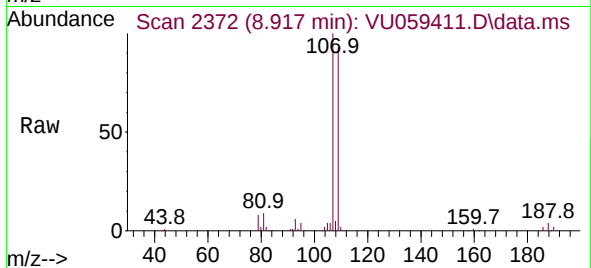
Tgt Ion:107 Resp: 112840

Ion Ratio Lower Upper

107 100

109 93.2 67.8 125.8

188 3.6 2.5 3.7



#51

Chlorobenzene

Concen: 50.243 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

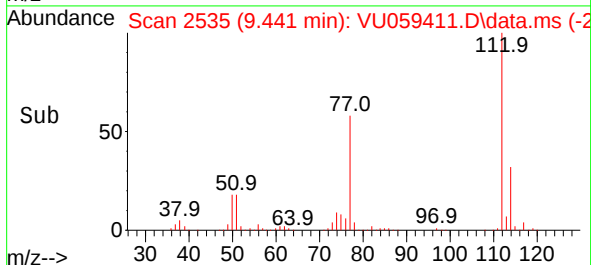
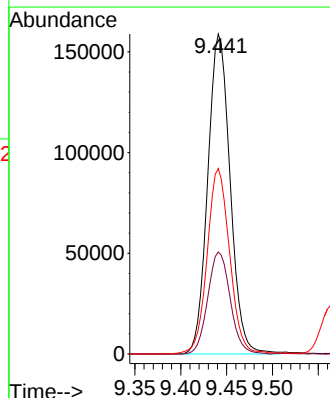
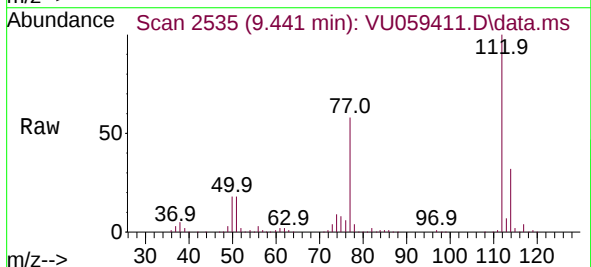
Tgt Ion:112 Resp: 269742

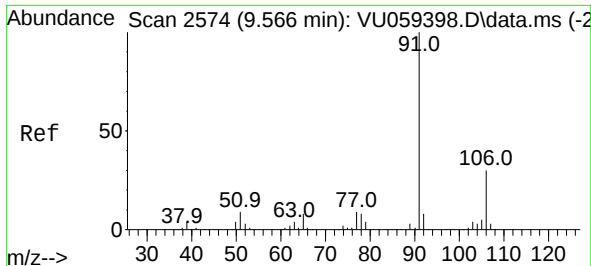
Ion Ratio Lower Upper

112 100

114 31.9 22.1 41.1

77 57.9 49.8 74.6





#52

Ethylbenzene

Concen: 48.719 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.003 min

Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

Instrument :

MSVOA_U

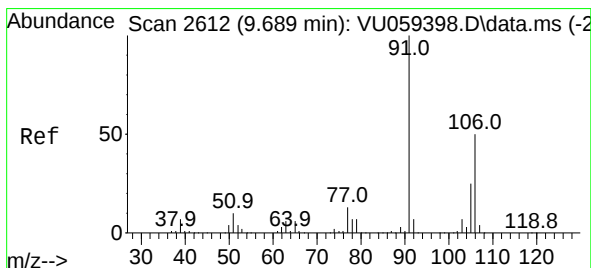
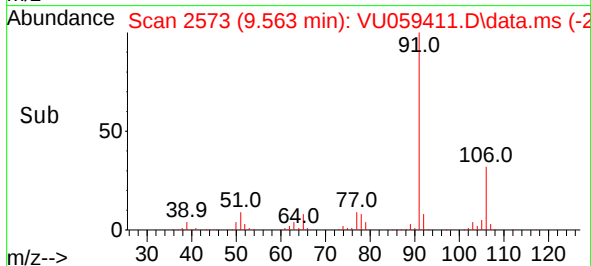
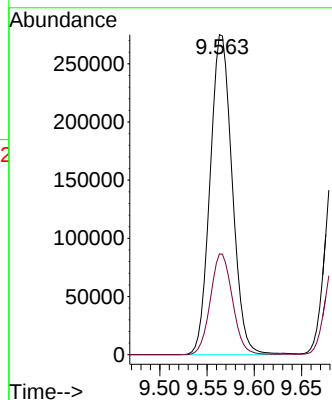
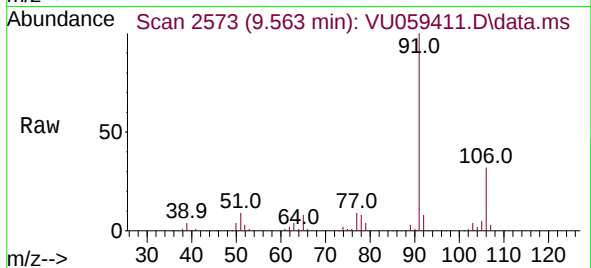
ClientSampleId :

Tgt Ion: 91 Resp: 446773

Ion Ratio Lower Upper

91 100

106 31.5 21.0 39.0



#53

m,p-Xylene

Concen: 51.098 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU059411.D

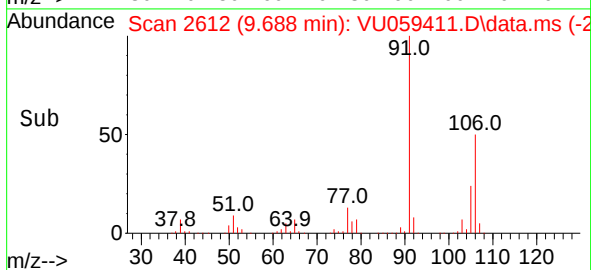
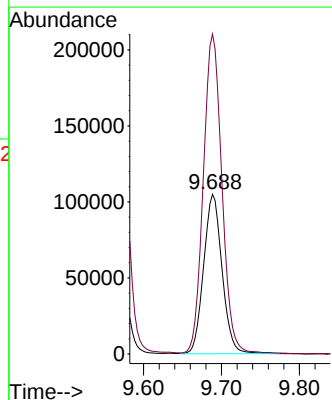
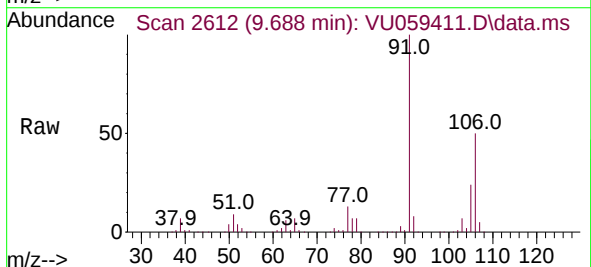
Acq: 21 Jun 2024 14:17

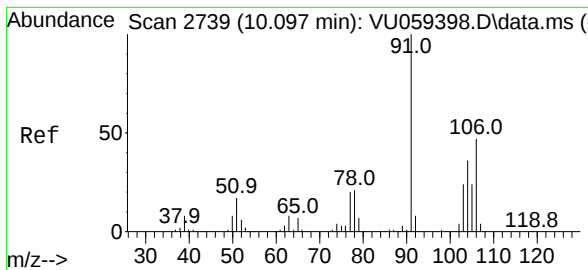
Tgt Ion:106 Resp: 172220

Ion Ratio Lower Upper

106 100

91 200.5 146.4 272.0

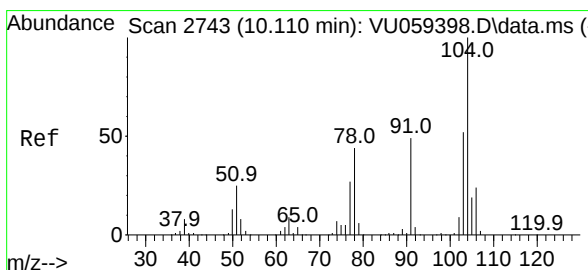
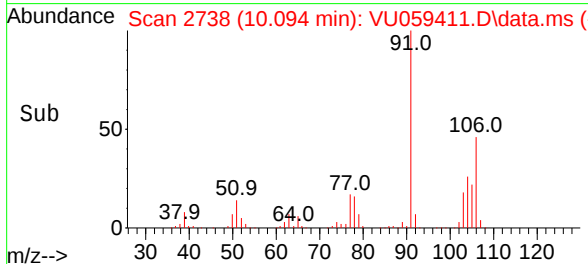
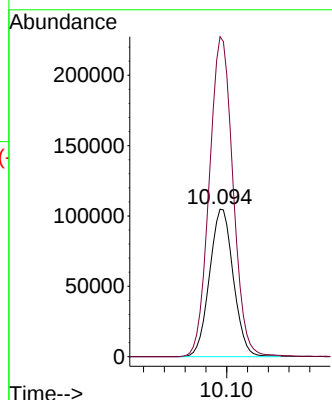
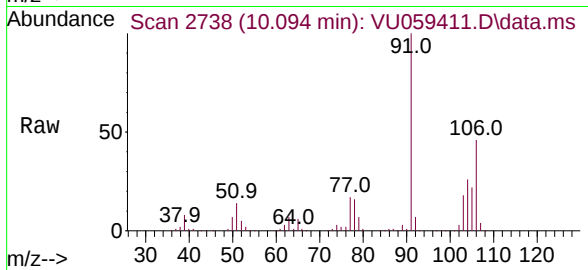




#54
o-Xylene
Concen: 51.031 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU059411.D
Acq: 21 Jun 2024 14:17

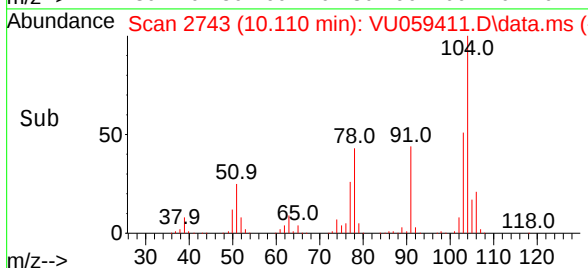
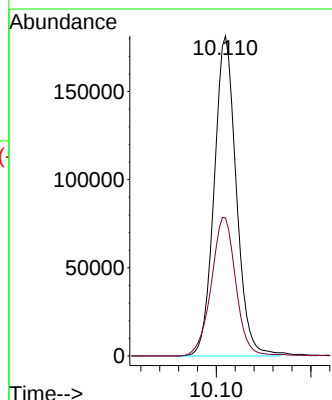
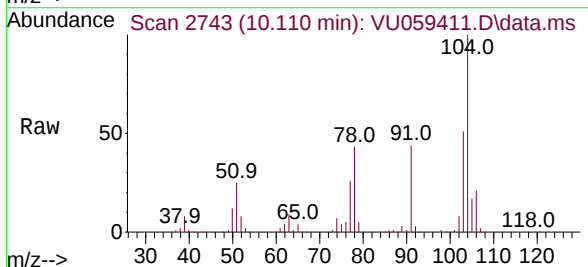
Instrument :
MSVOA_U
ClientSampleId :

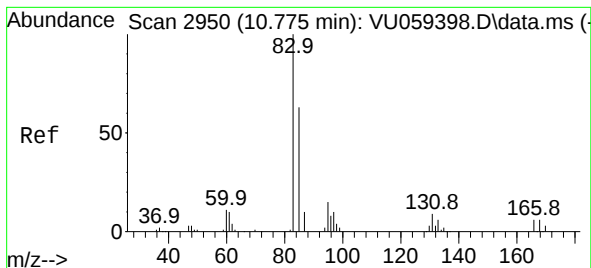
Tgt Ion:106 Resp: 166686
Ion Ratio Lower Upper
106 100
91 217.0 156.7 290.9



#55
Styrene
Concen: 53.131 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU059411.D
Acq: 21 Jun 2024 14:17

Tgt Ion:104 Resp: 294989
Ion Ratio Lower Upper
104 100
78 43.1 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 43.993 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

Instrument :

MSVOA_U

ClientSampleId :

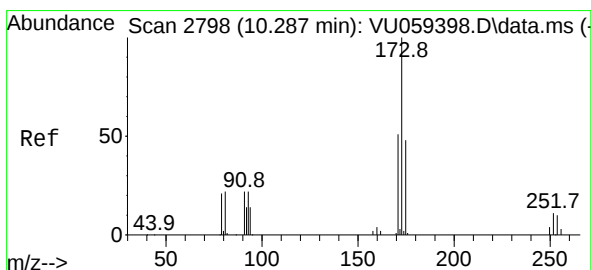
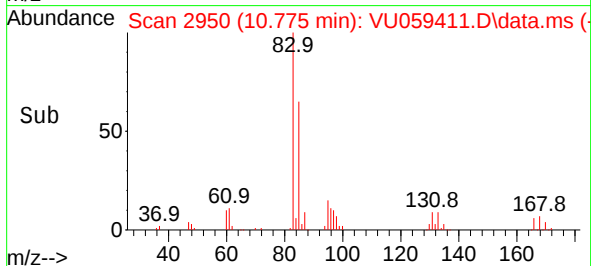
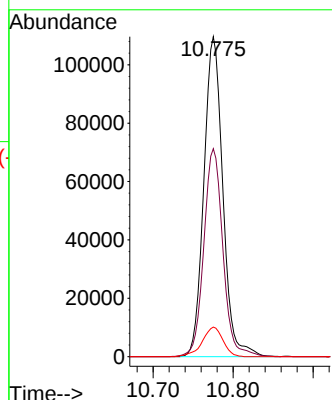
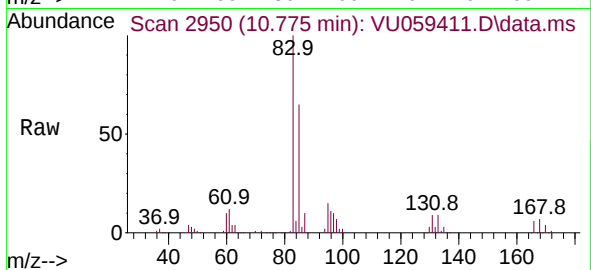
Tgt Ion: 83 Resp: 181315

Ion Ratio Lower Upper

83 100

85 65.0 46.1 85.7

131 9.2 7.0 10.4



#59

Bromoform

Concen: 50.168 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

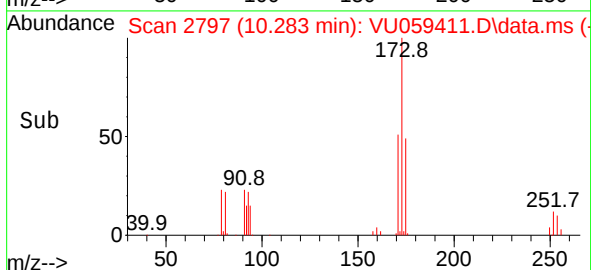
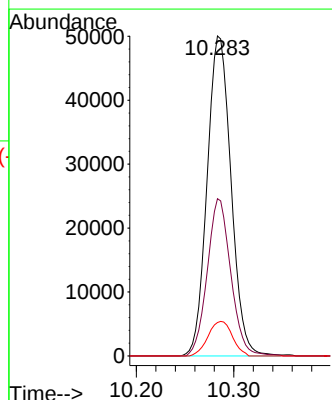
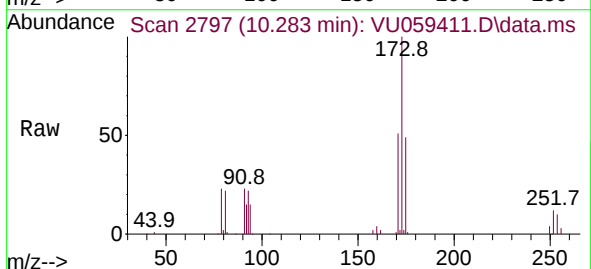
Tgt Ion:173 Resp: 85393

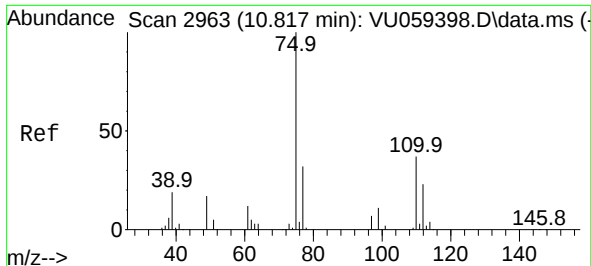
Ion Ratio Lower Upper

173 100

175 48.3 39.0 58.6

254 11.0 7.5 11.3





#60

1,2,3-Trichloropropane

Concen: 39.857 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

Instrument :

MSVOA_U

ClientSampleId :

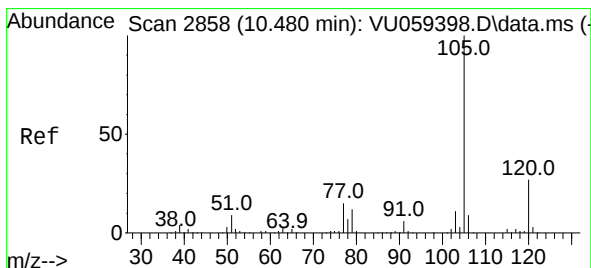
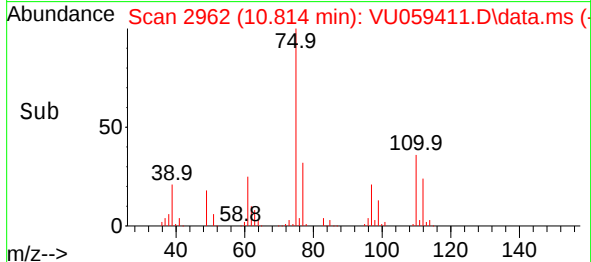
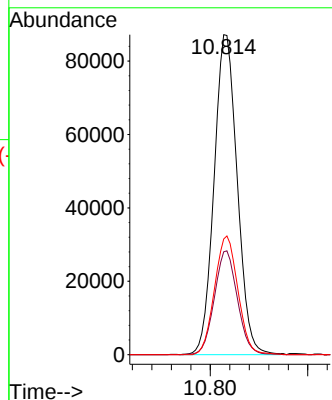
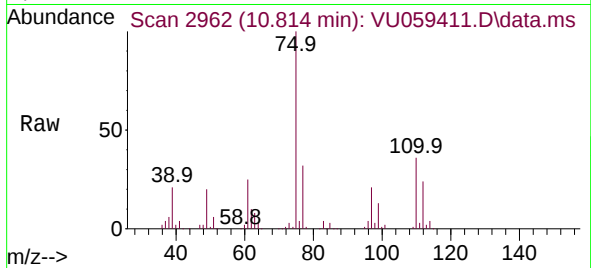
Tgt Ion: 75 Resp: 143890

Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.2

110 37.4 28.4 42.6



#61

Isopropylbenzene

Concen: 48.509 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

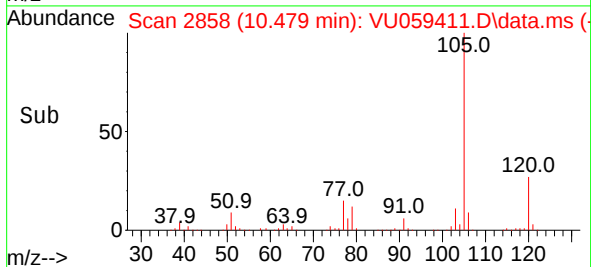
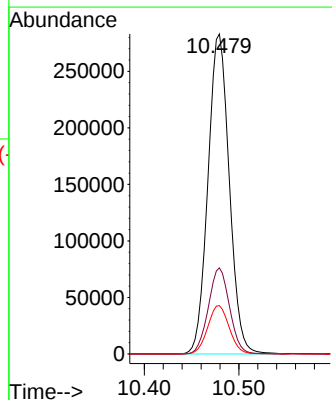
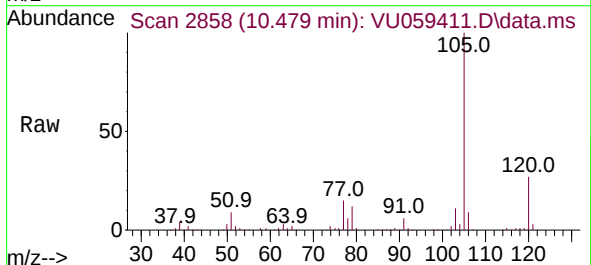
Tgt Ion:105 Resp: 443049

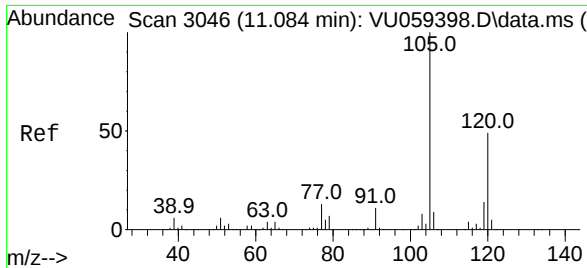
Ion Ratio Lower Upper

105 100

120 26.8 20.3 30.5

77 15.3 13.4 20.0





#62

1,3,5-Trimethylbenzene

Concen: 49.215 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

Instrument :

MSVOA_U

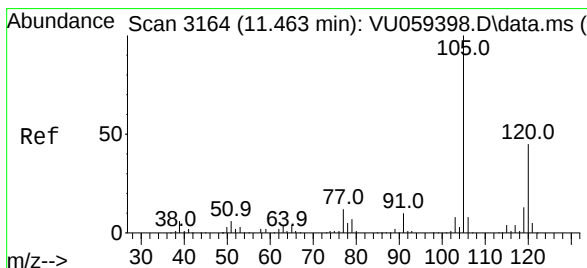
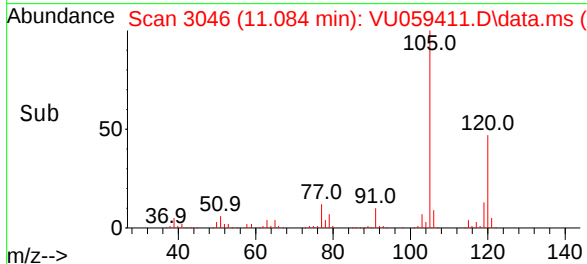
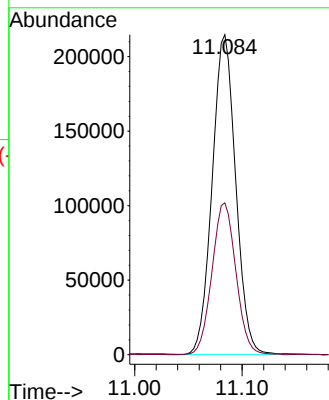
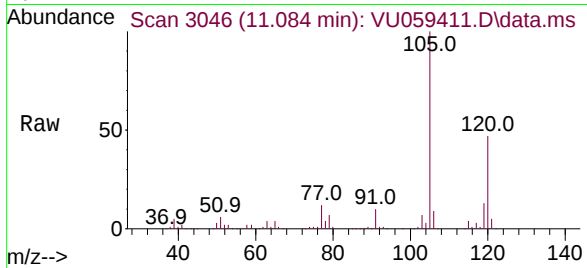
ClientSampleId :

Tgt Ion:105 Resp: 325677

Ion Ratio Lower Upper

105 100

120 48.4 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 49.834 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU059411.D

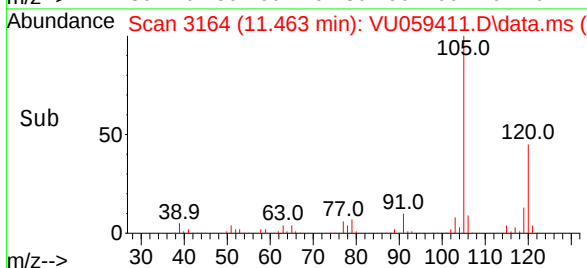
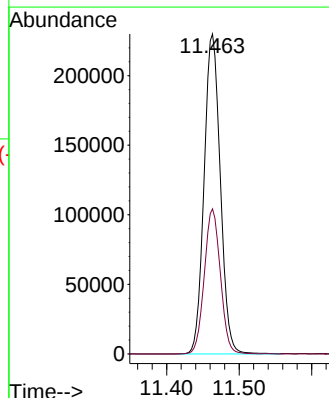
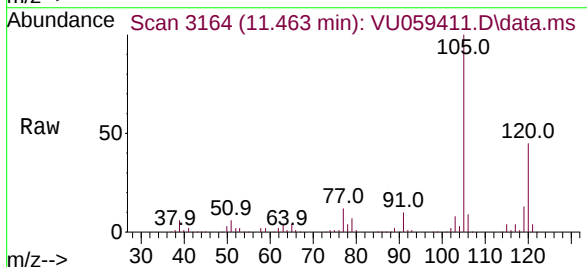
Acq: 21 Jun 2024 14:17

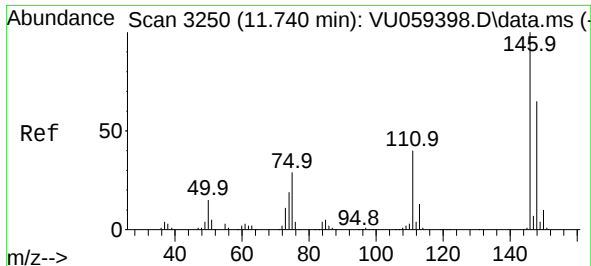
Tgt Ion:105 Resp: 357488

Ion Ratio Lower Upper

105 100

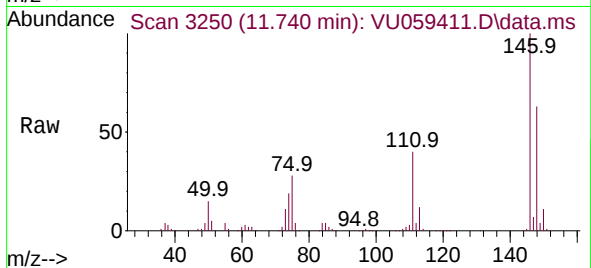
120 44.9 35.0 52.6



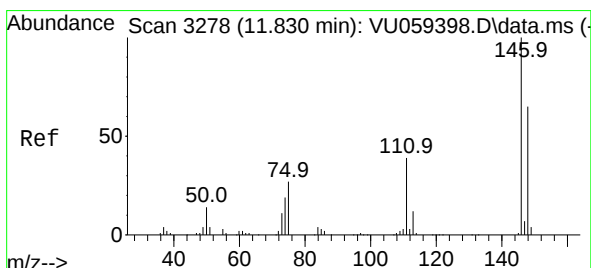
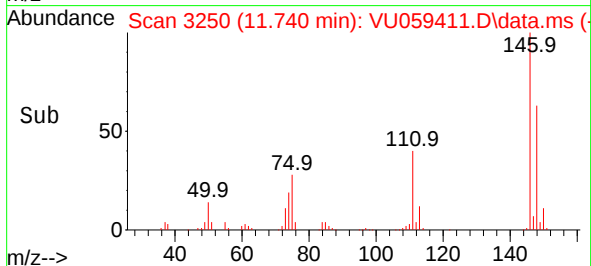
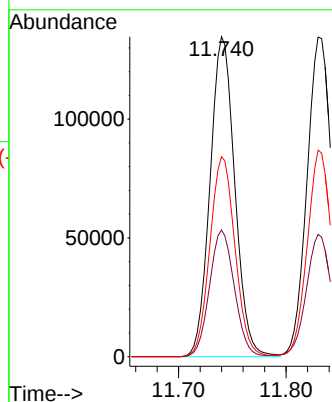


#64
1,3-Dichlorobenzene
Concen: 50.516 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU059411.D
Acq: 21 Jun 2024 14:17

Instrument :
MSVOA_U
ClientSampleId :

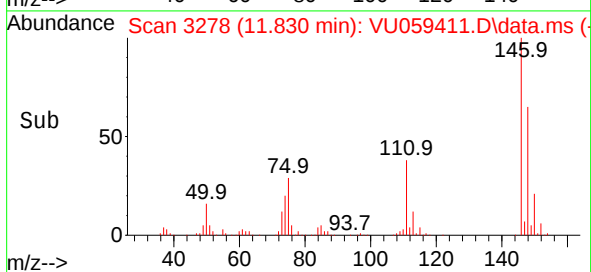
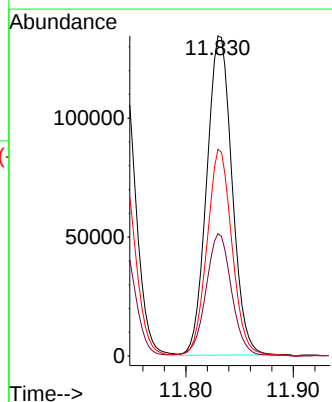
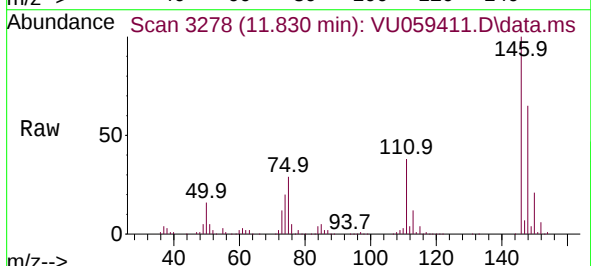


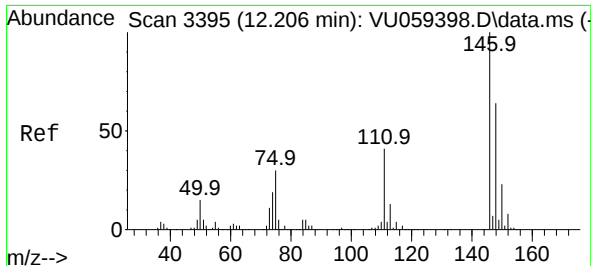
Tgt Ion:146 Resp: 215639
Ion Ratio Lower Upper
146 100
111 39.6 28.7 53.3
148 62.5 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 49.814 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU059411.D
Acq: 21 Jun 2024 14:17

Tgt Ion:146 Resp: 219607
Ion Ratio Lower Upper
146 100
111 38.2 27.9 51.9
148 64.6 45.7 84.9





#67

1,2-Dichlorobenzene

Concen: 48.389 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

Instrument :

MSVOA_U

ClientSampleId :

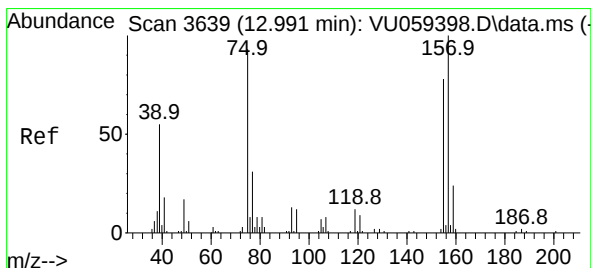
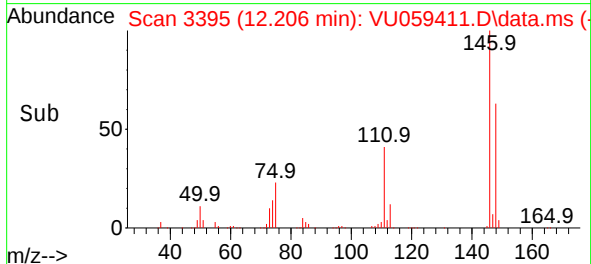
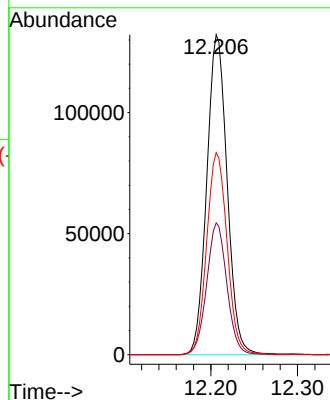
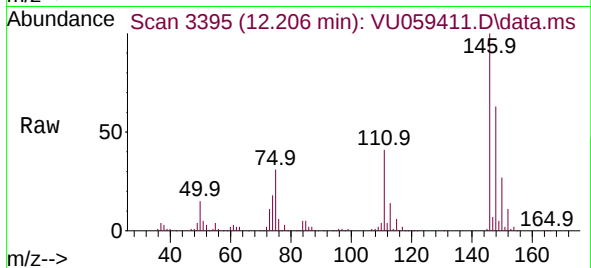
Tgt Ion:146 Resp: 215890

Ion Ratio Lower Upper

146 100

111 41.2 33.4 50.2

148 63.2 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 45.816 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

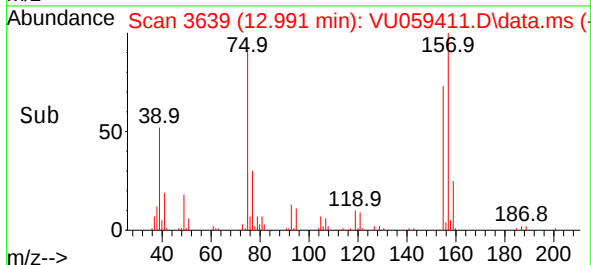
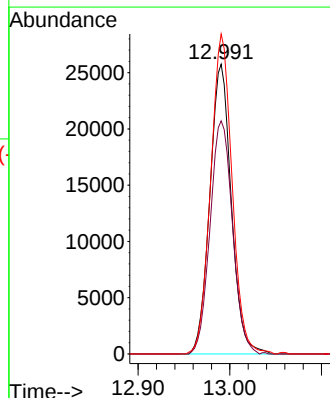
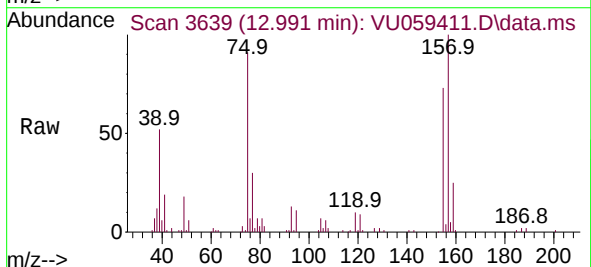
Tgt Ion: 75 Resp: 41932

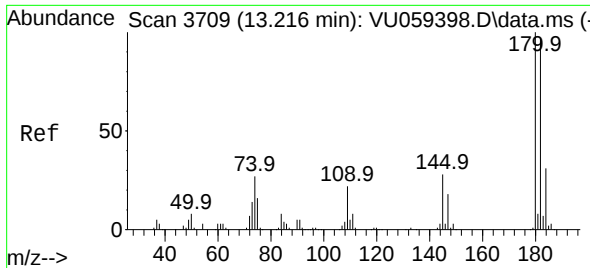
Ion Ratio Lower Upper

75 100

155 80.5 57.5 86.3

157 115.4 73.4 110.2#





#69

1,3,5-Trichlorobenzene

Concen: 54.544 ug/L

RT: 13.216 min Scan# 31

Delta R.T. -0.000 min

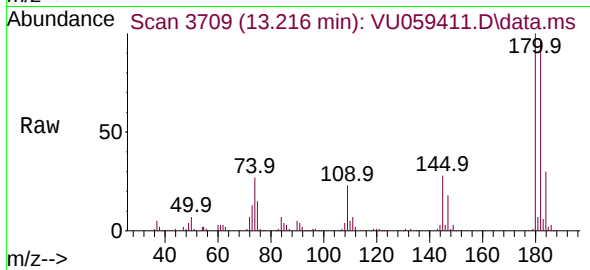
Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 153767

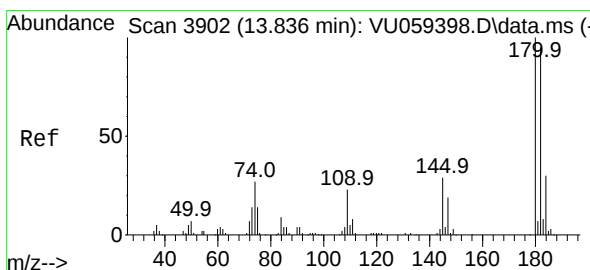
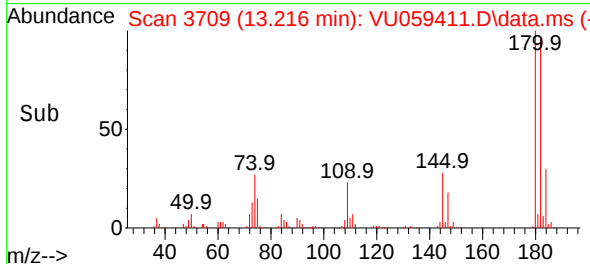
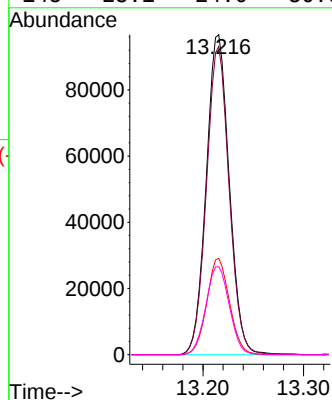
Ion Ratio Lower Upper

180 100

182 95.1 75.6 113.4

184 29.7 24.2 36.2

145 28.1 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 59.908 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

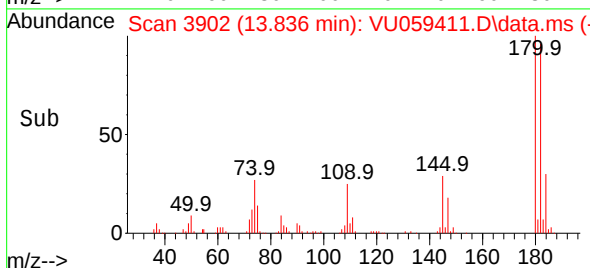
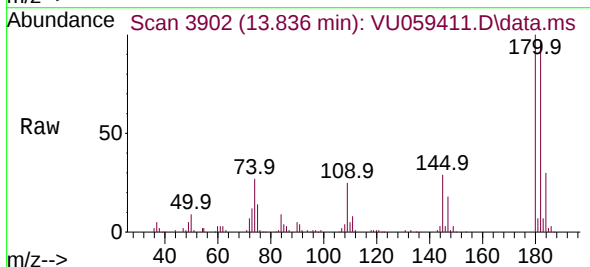
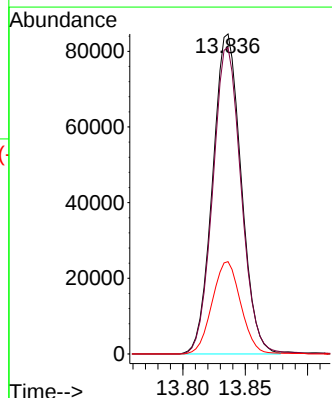
Tgt Ion:180 Resp: 134891

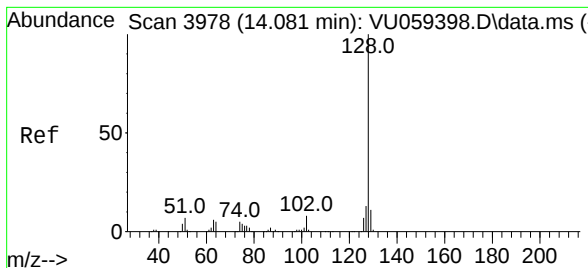
Ion Ratio Lower Upper

180 100

182 95.2 77.4 116.2

145 29.0 24.8 37.2





#71

Naphthalene

Concen: 62.583 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

Instrument :

MSVOA_U

ClientSampleId :

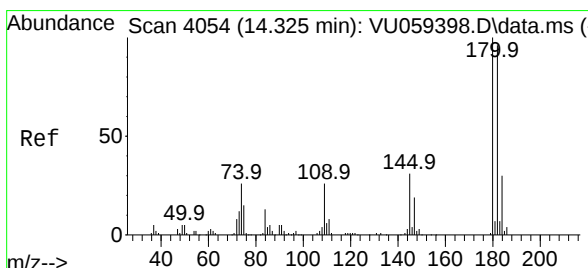
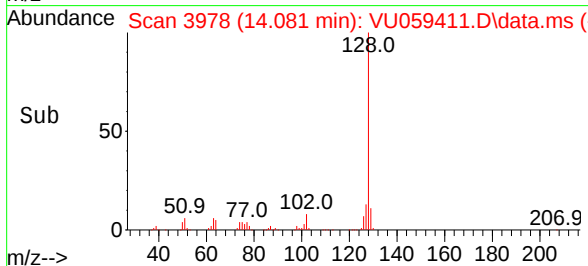
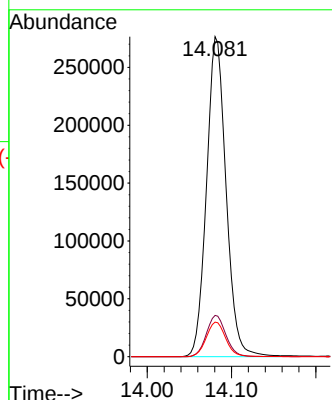
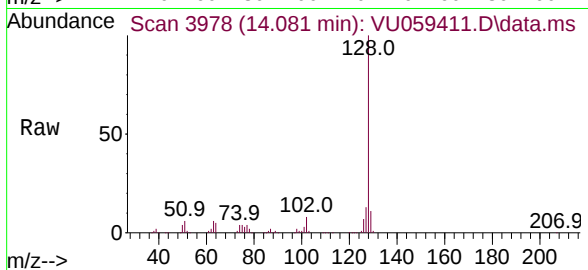
Tgt Ion:128 Resp: 446034

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 60.621 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU059411.D

Acq: 21 Jun 2024 14:17

Tgt Ion:180 Resp: 138770

Ion Ratio Lower Upper

180 100

182 96.8 76.2 114.4

145 30.5 26.4 39.6

