

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061424\
 Data File : VU059241.D
 Acq On : 14 Jun 2024 12:26
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 02:43:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 11 05:56:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	221190	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	227683	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	113955	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	68967	52.076	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.160%
7) Chloroethane-d5	1.908	69	61919	54.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.160%
11) 1,1-Dichloroethene-d2	2.564	63	134580	51.482	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.960%
21) 2-Butanone-d5	4.612	46	103163	82.643	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.640%
24) Chloroform-d	5.056	84	133330	50.572	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.140%
26) 1,2-Dichloroethane-d4	5.695	65	80434	49.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.560%
32) Benzene-d6	5.721	84	268723	51.424	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.840%
36) 1,2-Dichloropropane-d6	6.683	67	85203	47.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.580%
41) Toluene-d8	7.891	98	239401	53.966	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.940%
43) trans-1,3-Dichloroprop...	8.174	79	34456	47.309	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.620%
47) 2-Hexanone-d5	8.625	63	66792	80.163	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.160%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	129682	42.527	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.060%
66) 1,2-Dichlorobenzene-d4	12.187	152	84136	49.474	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.940%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.381	85	109787	48.987	ug/L	100
3) Chloromethane	1.519	50	121094	46.752	ug/L	98
5) Vinyl chloride	1.602	62	128084	50.325	ug/L	100
6) Bromomethane	1.853	94	81461	40.006	ug/L	96
8) Chloroethane	1.927	64	78144	49.236	ug/L	98
9) Trichlorofluoromethane	2.133	101	152659	51.544	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	95684	55.528	ug/L	96
12) 1,1-Dichloroethene	2.573	96	85603	54.771	ug/L	93
13) Acetone	2.615	43	102823	70.078	ug/L	99
14) Carbon disulfide	2.786	76	265688	50.476	ug/L	99
15) Methyl Acetate	2.940	43	116608	50.172	ug/L	98
16) Methylene chloride	3.036	84	106451	50.338	ug/L	93
17) trans-1,2-Dichloroethene	3.345	96	90051	53.382	ug/L	94
18) Methyl tert-butyl Ether	3.355	73	272528	49.735	ug/L	98
19) 1,1-Dichloroethane	3.860	63	184631	51.061	ug/L	97
20) cis-1,2-Dichloroethene	4.657	96	101897	53.008	ug/L	92
22) 2-Butanone	4.689	43	162389	91.416	ug/L	98
23) Bromochloromethane	4.966	128	52720	54.144	ug/L	93
25) Chloroform	5.078	83	185153	52.883	ug/L	100

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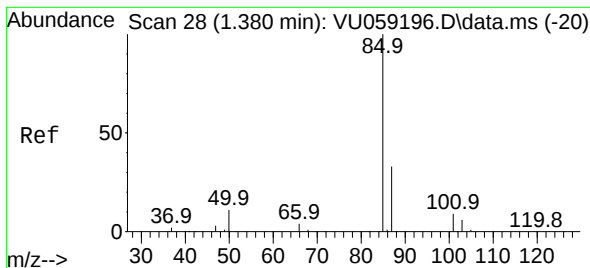
Quant Time: Jun 15 02:43:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 11 05:56:14 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	145772	49.285	ug/L	98
29) Cyclohexane	5.384	56	146265	48.119	ug/L	98
30) 1,1,1-Trichloroethane	5.306	97	147719	49.899	ug/L	99
31) Carbon tetrachloride	5.519	117	121189	50.399	ug/L	98
33) Benzene	5.766	78	411283	50.025	ug/L	100
34) Trichloroethene	6.535	95	106185	52.747	ug/L	97
35) Methylcyclohexane	6.757	83	154663	52.253	ug/L	97
37) 1,2-Dichloropropane	6.782	63	113735	48.718	ug/L	99
38) Bromodichloromethane	7.097	83	139003	51.116	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	153202	47.429	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	302455	98.822	ug/L	99
42) Toluene	7.962	91	434752	52.681	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	147191	50.335	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	108390	51.638	ug/L	99
46) Tetrachloroethene	8.547	164	75029	55.954	ug/L	91
48) 2-Hexanone	8.676	43	229885	89.058	ug/L	97
49) Dibromochloromethane	8.805	129	101949	53.744	ug/L	100
50) 1,2-Dibromoethane	8.917	107	110327	50.954	ug/L #	95
51) Chlorobenzene	9.441	112	261506	52.502	ug/L	97
52) Ethylbenzene	9.563	91	446483	52.479	ug/L	99
53) m,p-Xylene	9.689	106	169966	54.357	ug/L	99
54) o-Xylene	10.094	106	164489	54.280	ug/L	100
55) Styrene	10.110	104	294321	57.139	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.776	83	187241	48.969	ug/L	98
59) Bromoform	10.284	173	79536	53.232	ug/L	100
60) 1,2,3-Trichloropropane	10.814	75	148517	46.866	ug/L	98
61) Isopropylbenzene	10.480	105	437429	54.562	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	310675	53.485	ug/L	99
63) 1,2,4-Trimethylbenzene	11.464	105	341811	54.283	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	203369	54.275	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	205305	53.054	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	200592	51.220	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	39250	48.856	ug/L	90
69) 1,3,5-Trichlorobenzene	13.216	180	136702	55.242	ug/L	99
70) 1,2,4-trichlorobenzene	13.837	180	112811	57.077	ug/L	97
71) Naphthalene	14.081	128	330789	52.875	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	118586	59.016	ug/L	99

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

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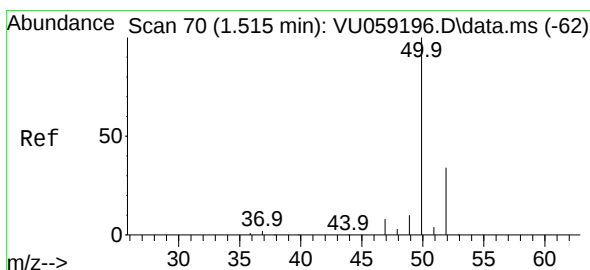
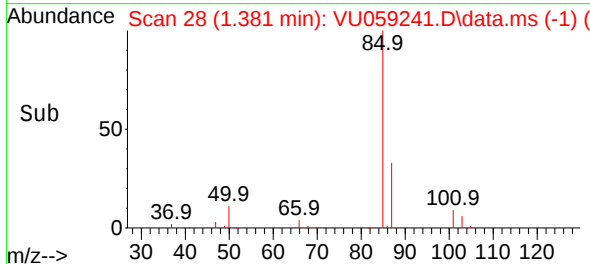
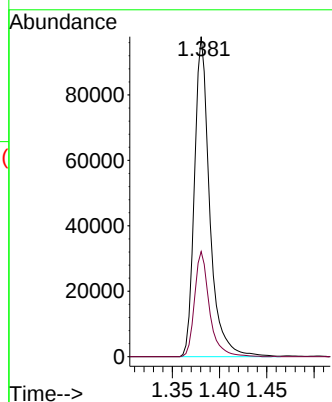
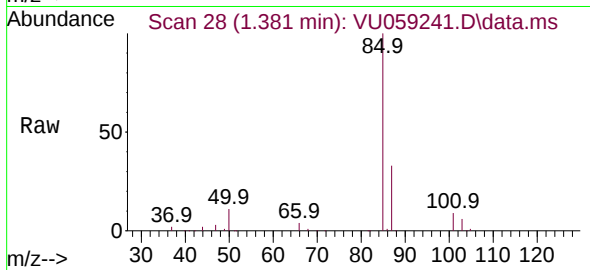




#2
 Dichlorodifluoromethane
 Concen: 48.987 ug/L
 RT: 1.381 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU059241.D
 Acq: 14 Jun 2024 12:26

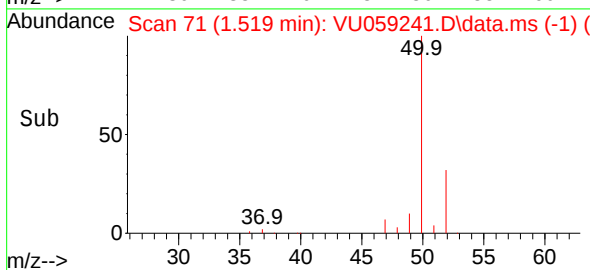
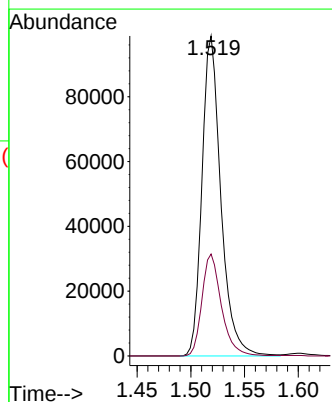
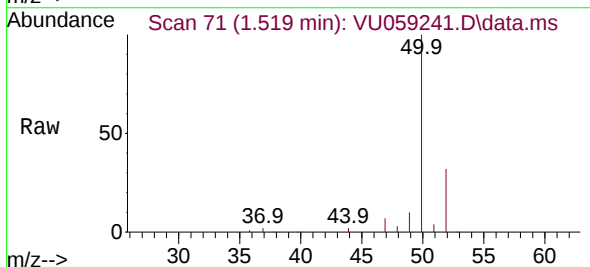
Instrument :
 MSVOA_U
 ClientSampleId :

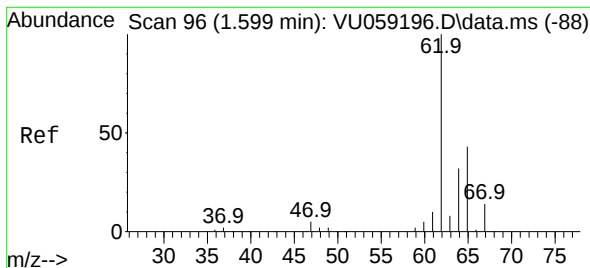
Tgt Ion: 85 Resp: 109787
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.4 38.2



#3
 Chloromethane
 Concen: 46.752 ug/L
 RT: 1.519 min Scan# 71
 Delta R.T. 0.004 min
 Lab File: VU059241.D
 Acq: 14 Jun 2024 12:26

Tgt Ion: 50 Resp: 121094
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.2 43.2





#5

Vinyl chloride

Concen: 50.325 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.004 min

Lab File: VU059241.D

Acq: 14 Jun 2024 12:26

Instrument :

MSVOA_U

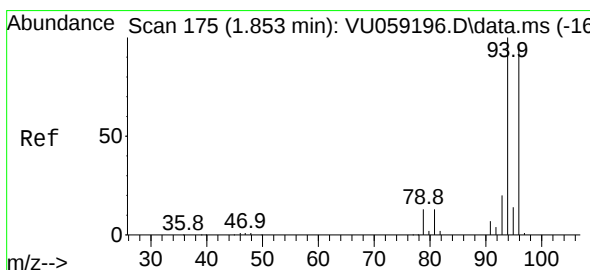
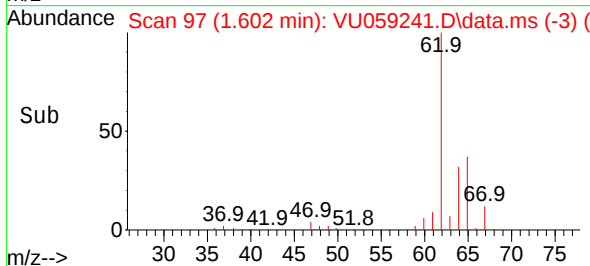
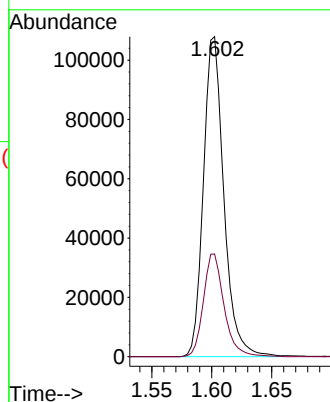
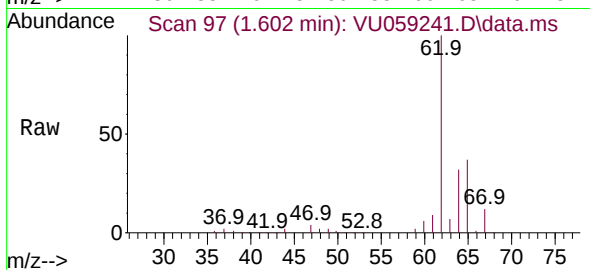
ClientSampleId :

Tgt Ion: 62 Resp: 128084

Ion Ratio Lower Upper

62 100

64 32.1 22.5 41.7



#6

Bromomethane

Concen: 40.006 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU059241.D

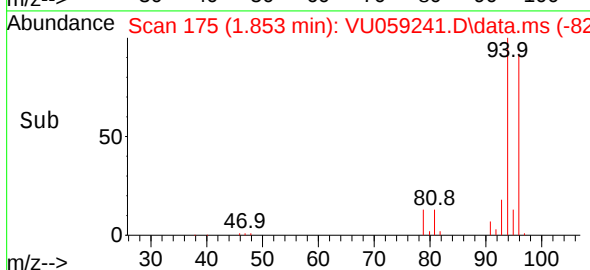
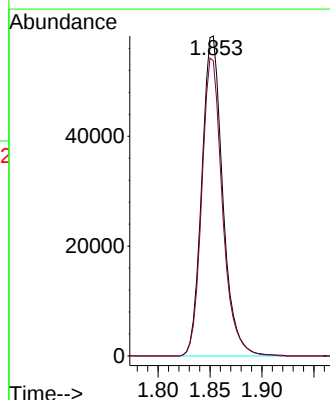
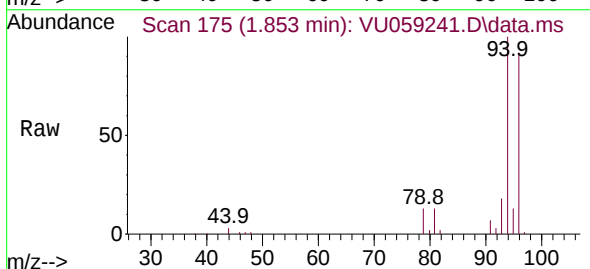
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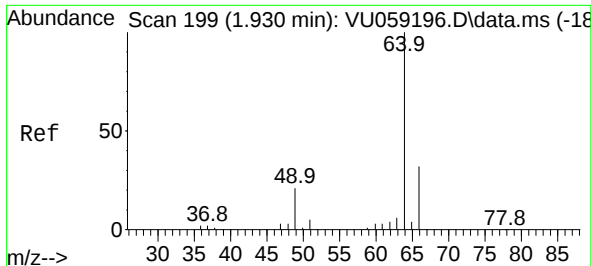
Tgt Ion: 94 Resp: 81461

Ion Ratio Lower Upper

94 100

96 92.3 67.1 124.7

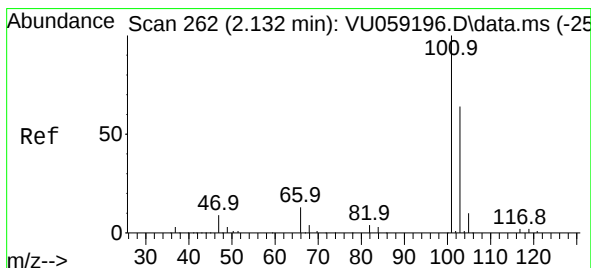
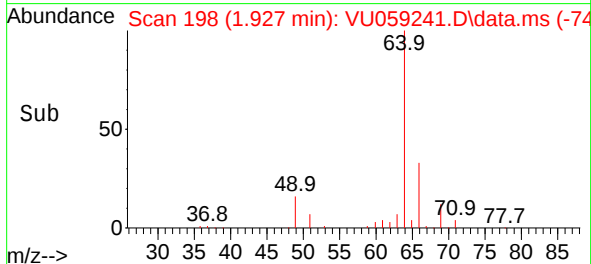
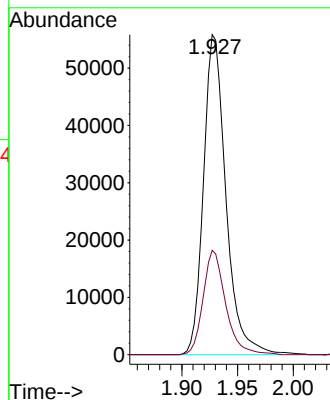
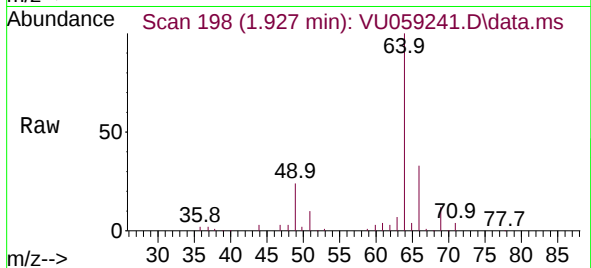




#8
Chloroethane
Concen: 49.236 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU059241.D
Acq: 14 Jun 2024 12:26

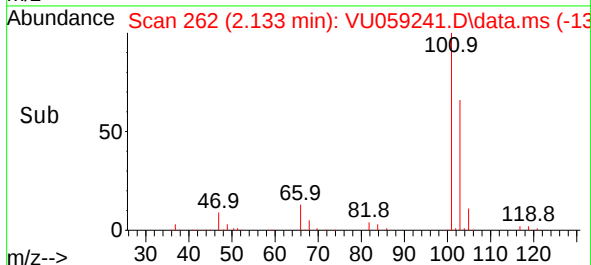
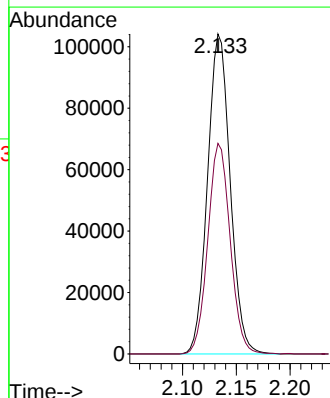
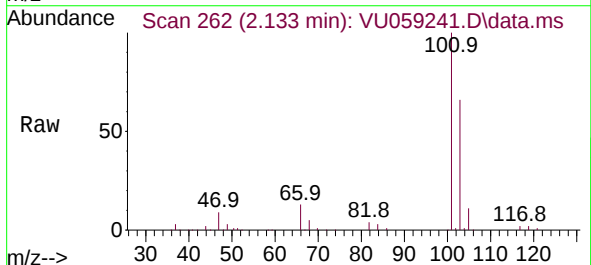
Instrument :
MSVOA_U
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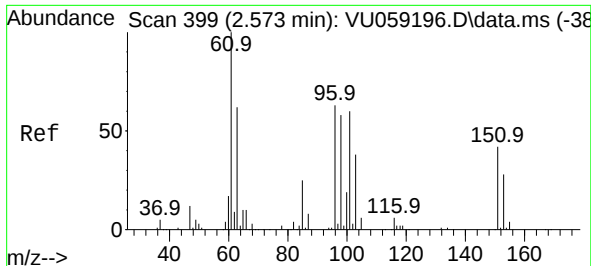
Tgt Ion: 64 Resp: 78144
Ion Ratio Lower Upper
64 100
66 32.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 51.544 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059241.D
Acq: 14 Jun 2024 12:26

Tgt Ion:101 Resp: 152659
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.6

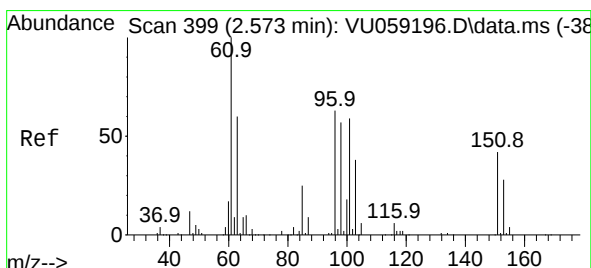
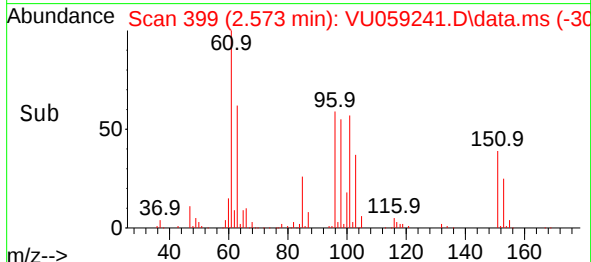
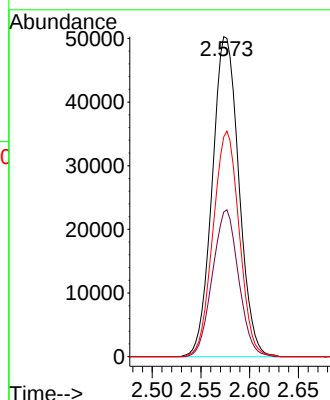
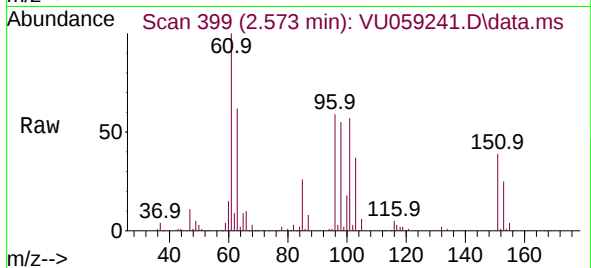




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 55.528 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059241.D
 Acq: 14 Jun 2024 12:26

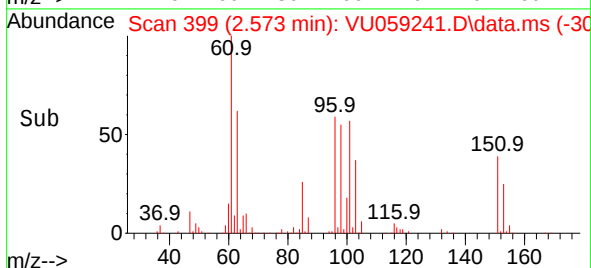
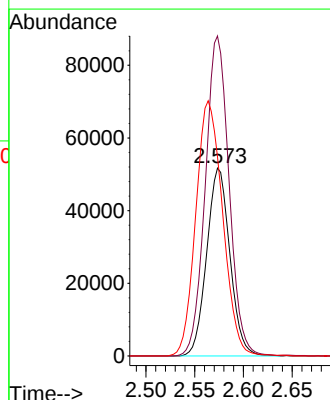
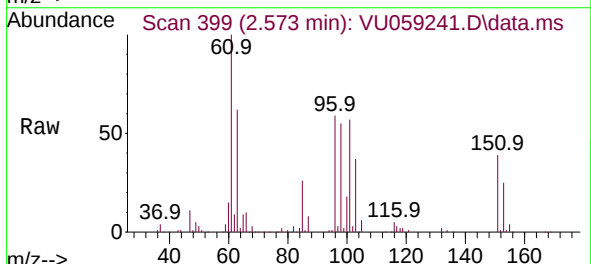
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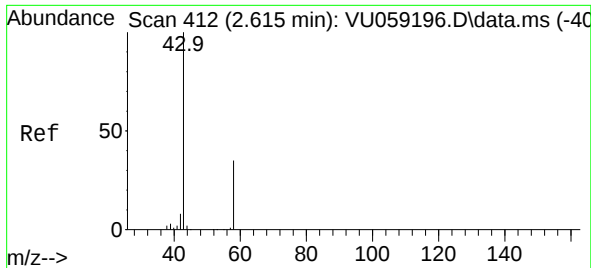
Tgt Ion:101 Resp: 95684
 Ion Ratio Lower Upper
 101 100
 85 44.9 36.7 55.1
 151 69.3 52.2 78.2



#12
 1,1-Dichloroethene
 Concen: 54.771 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059241.D
 Acq: 14 Jun 2024 12:26

Tgt Ion: 96 Resp: 85603
 Ion Ratio Lower Upper
 96 100
 61 170.3 126.3 234.6
 63 106.1 78.7 146.1





#13

Acetone

Concen: 70.078 ug/L

RT: 2.615 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU059241.D

Acq: 14 Jun 2024 12:26

Instrument :

MSVOA_U

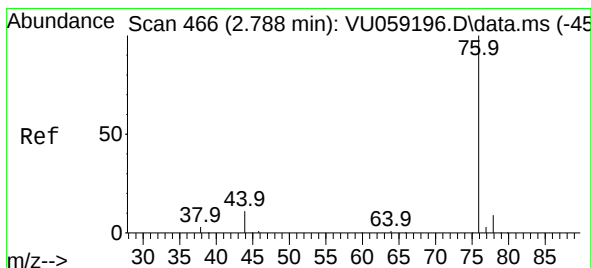
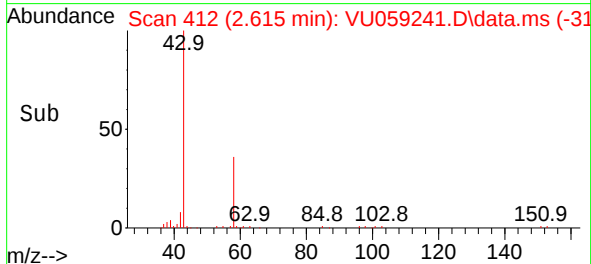
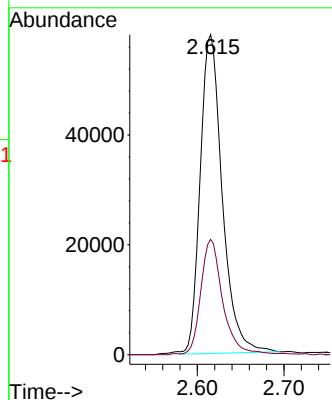
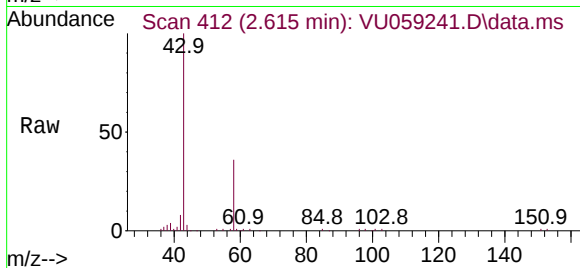
ClientSampleId :

Tgt Ion: 43 Resp: 102823

Ion Ratio Lower Upper

43 100

58 35.2 0.0 68.8



#14

Carbon disulfide

Concen: 50.476 ug/L

RT: 2.786 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU059241.D

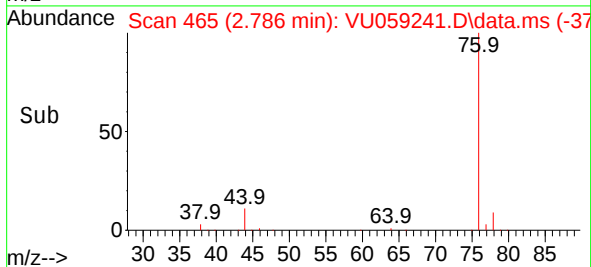
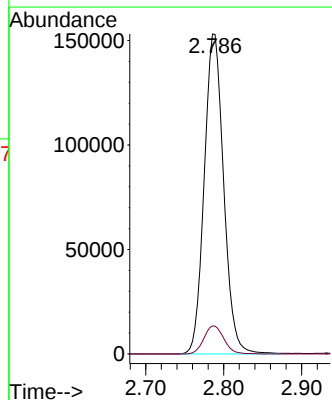
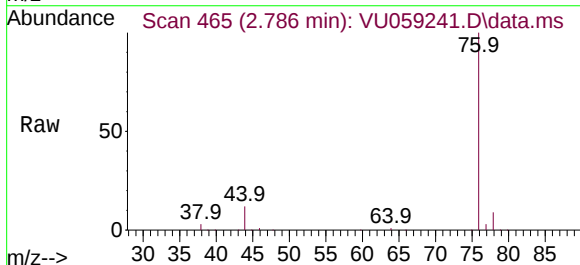
Acq: 14 Jun 2024 12:26

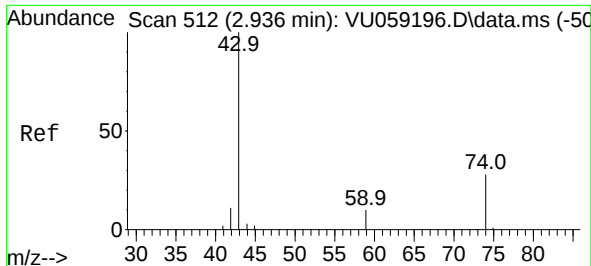
Tgt Ion: 76 Resp: 265688

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8





#15

Methyl Acetate

Concen: 50.172 ug/L

RT: 2.940 min Scan# 512

Delta R.T. 0.004 min

Lab File: VU059241.D

Acq: 14 Jun 2024 12:26

Instrument :

MSVOA_U

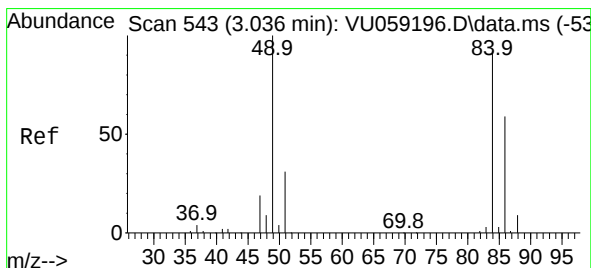
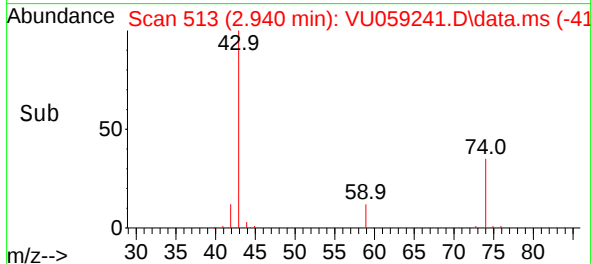
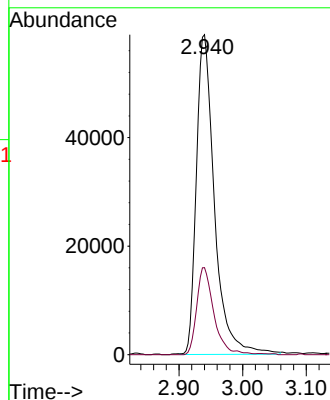
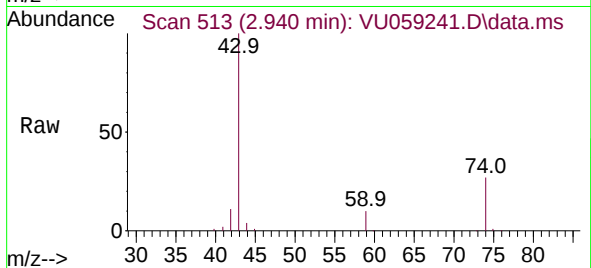
ClientSampleId :

Tgt Ion: 43 Resp: 116608

Ion Ratio Lower Upper

43 100

74 25.1 20.8 31.2



#16

Methylene chloride

Concen: 50.338 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU059241.D

Acq: 14 Jun 2024 12:26

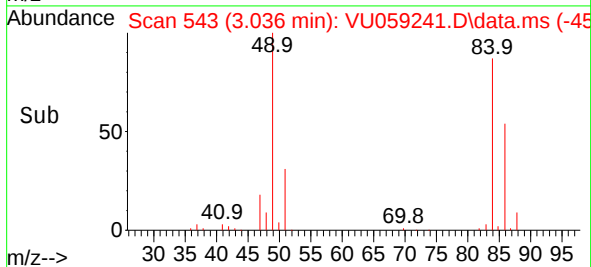
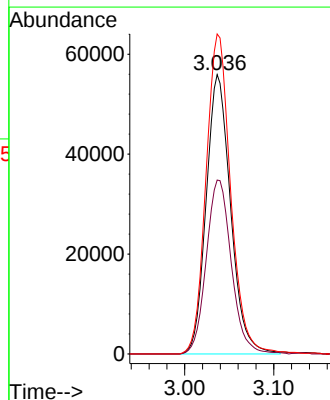
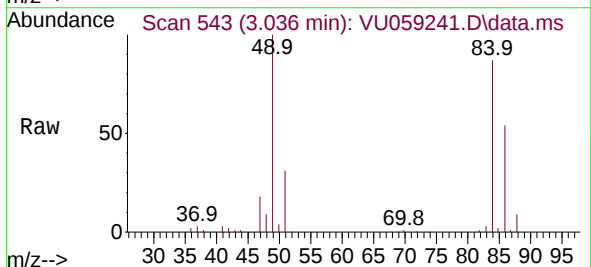
Tgt Ion: 84 Resp: 106451

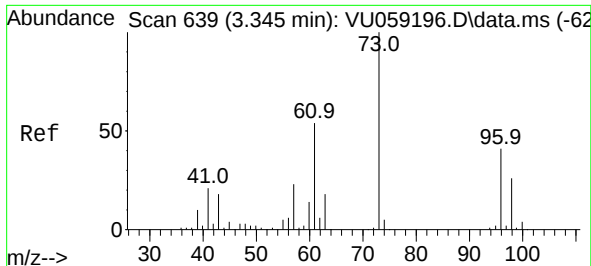
Ion Ratio Lower Upper

84 100

86 62.3 44.9 83.3

49 114.5 87.5 162.5





#17

trans-1,2-Dichloroethene

Concen: 53.382 ug/L

RT: 3.345 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU059241.D

Acq: 14 Jun 2024 12:26

Instrument :

MSVOA_U

ClientSampleId :

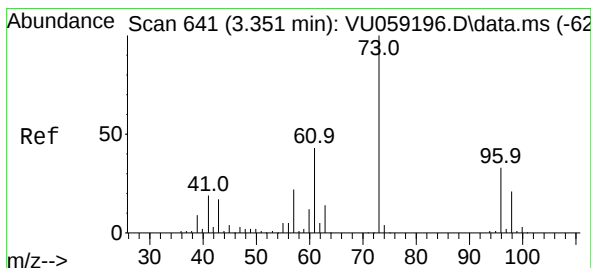
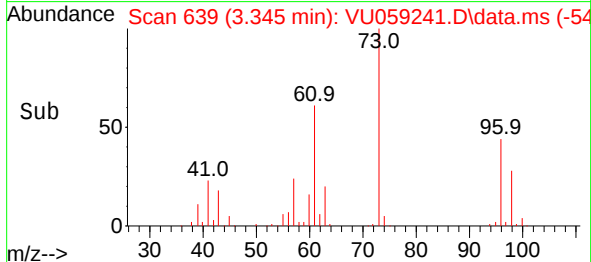
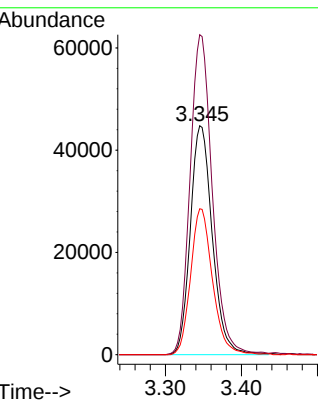
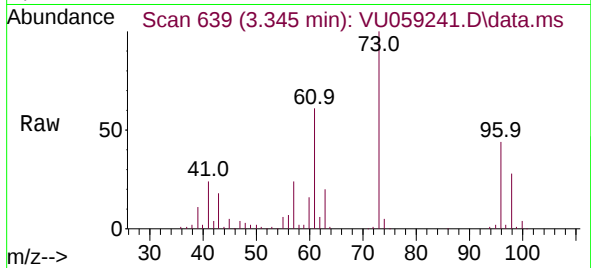
Tgt Ion: 96 Resp: 90051

Ion Ratio Lower Upper

96 100

61 139.7 103.5 192.3

98 63.7 42.4 78.6



#18

Methyl tert-butyl Ether

Concen: 49.735 ug/L

RT: 3.355 min Scan# 642

Delta R.T. 0.004 min

Lab File: VU059241.D

Acq: 14 Jun 2024 12:26

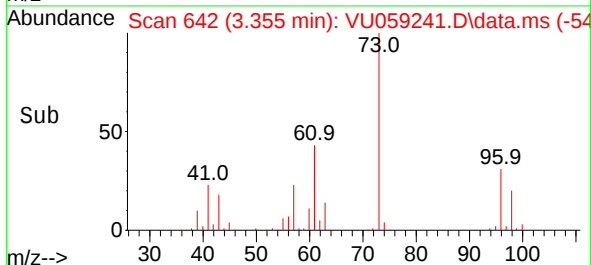
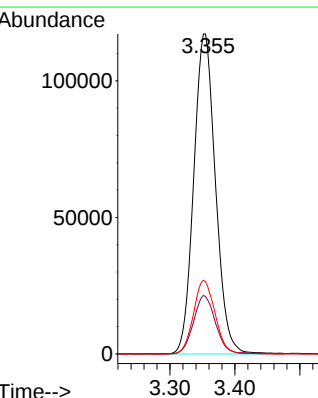
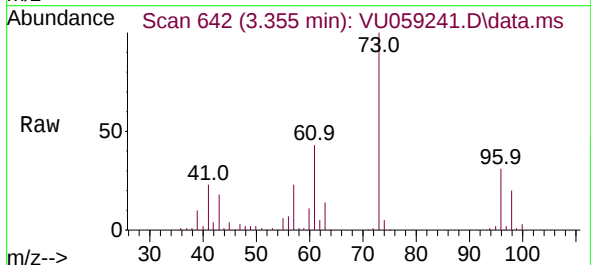
Tgt Ion: 73 Resp: 272528

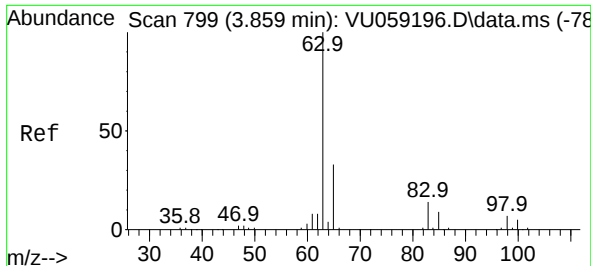
Ion Ratio Lower Upper

73 100

43 18.2 15.6 23.4

57 22.8 18.6 28.0





#19

1,1-Dichloroethane

Concen: 51.061 ug/L

RT: 3.860 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU059241.D

Acq: 14 Jun 2024 12:26

Instrument :

MSVOA_U

ClientSampleId :

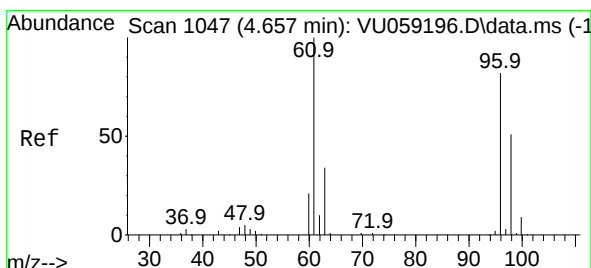
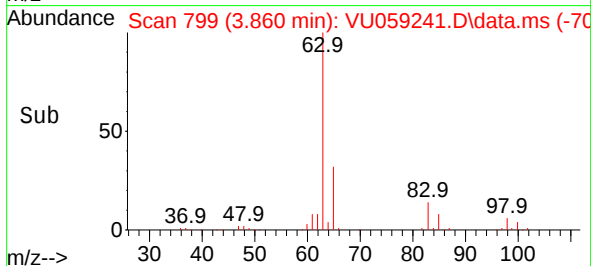
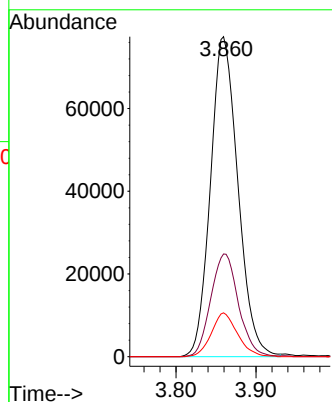
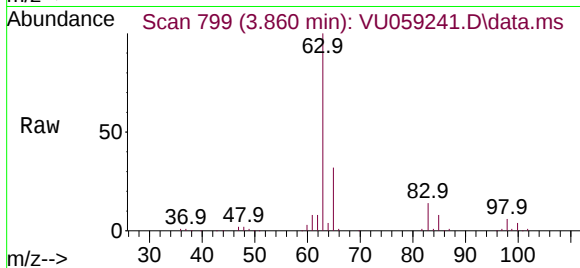
Tgt Ion: 63 Resp: 184631

Ion Ratio Lower Upper

63 100

65 32.1 21.3 39.5

83 13.7 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 53.008 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU059241.D

Acq: 14 Jun 2024 12:26

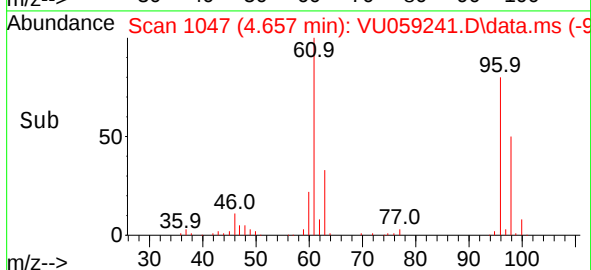
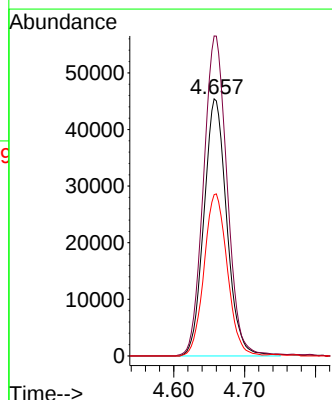
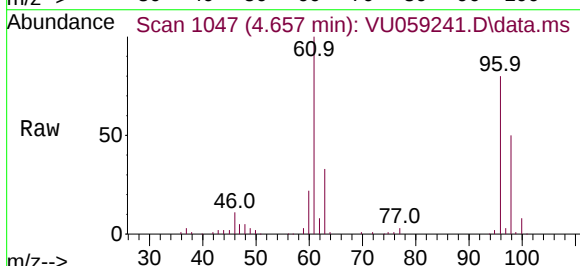
Tgt Ion: 96 Resp: 101897

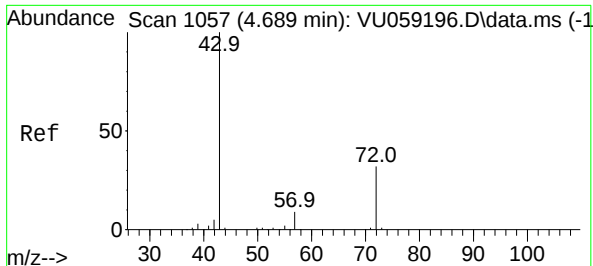
Ion Ratio Lower Upper

96 100

61 124.4 96.2 178.6

98 62.7 45.6 84.6

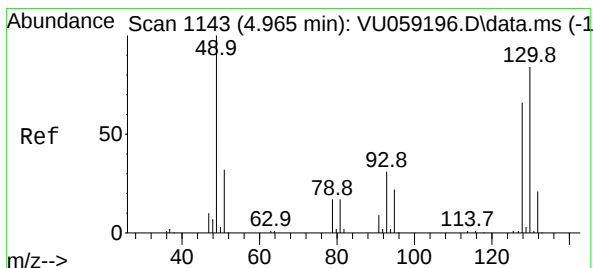
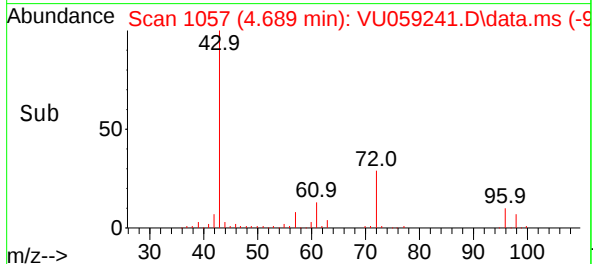
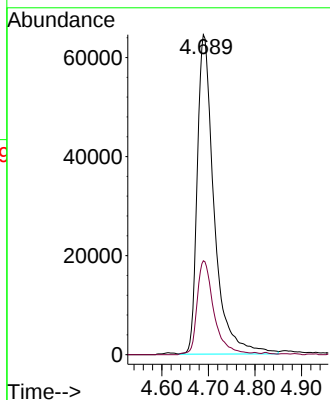
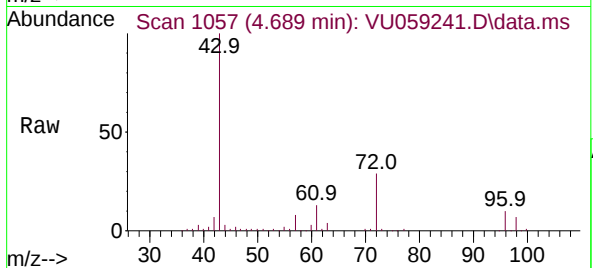




#22
2-Butanone
Concen: 91.416 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VU059241.D
Acq: 14 Jun 2024 12:26

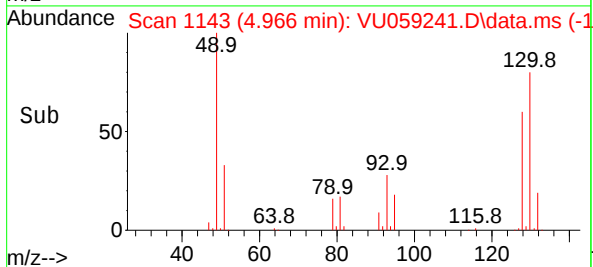
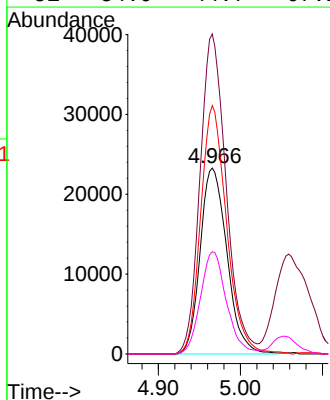
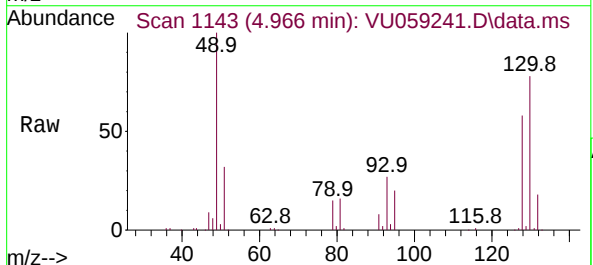
Instrument :
MSVOA_U
ClientSampleId :

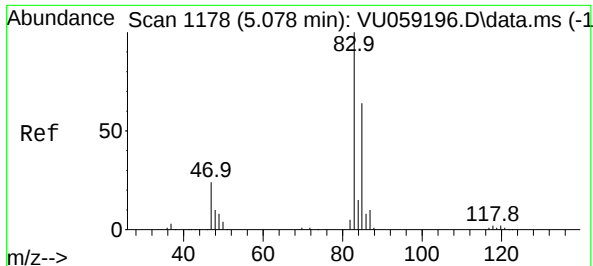
Tgt Ion: 43 Resp: 162389
Ion Ratio Lower Upper
43 100
72 29.4 14.2 42.8



#23
Bromochloromethane
Concen: 54.144 ug/L
RT: 4.966 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU059241.D
Acq: 14 Jun 2024 12:26

Tgt Ion: 128 Resp: 52720
Ion Ratio Lower Upper
128 100
49 172.1 128.4 238.4
130 133.5 86.9 161.3
51 54.9 44.7 67.1





#25

Chloroform

Concen: 52.883 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU059241.D

Acq: 14 Jun 2024 12:26

Instrument :

MSVOA_U

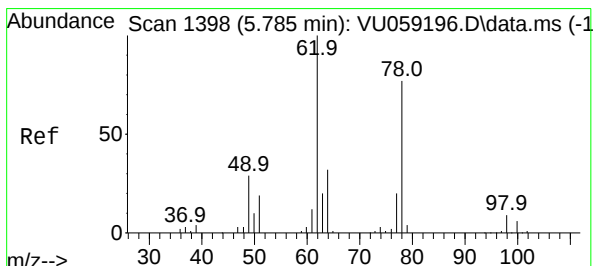
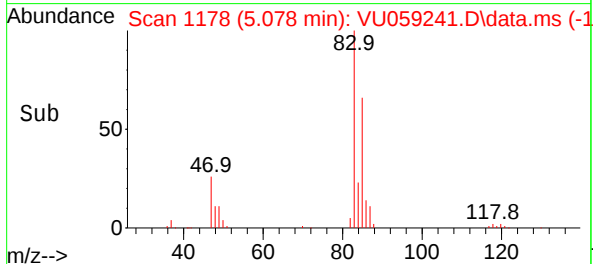
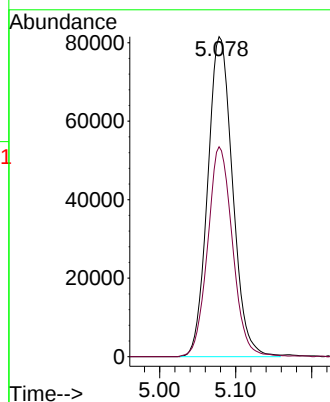
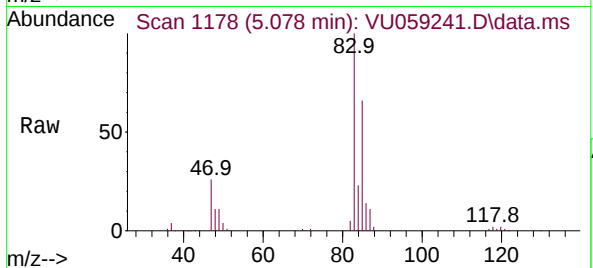
ClientSampleId :

Tgt Ion: 83 Resp: 185153

Ion Ratio Lower Upper

83 100

85 65.6 46.1 85.7



#27

1,2-Dichloroethane

Concen: 49.285 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU059241.D

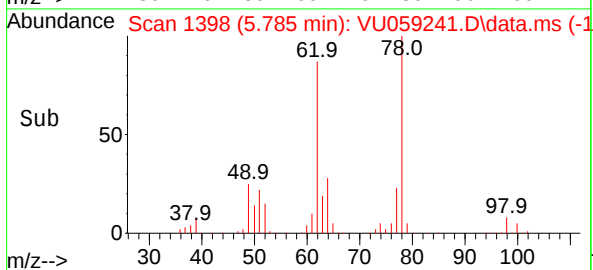
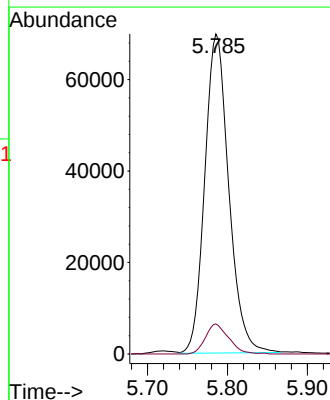
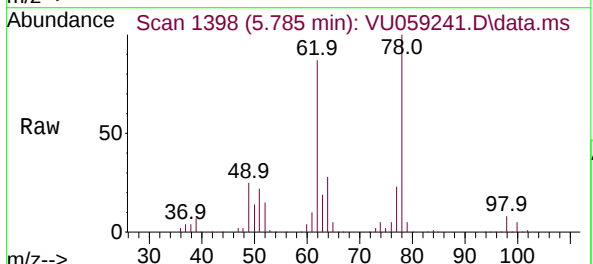
Acq: 14 Jun 2024 12:26

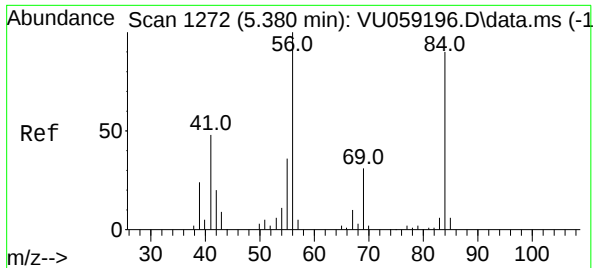
Tgt Ion: 62 Resp: 145772

Ion Ratio Lower Upper

62 100

98 9.4 6.9 10.3

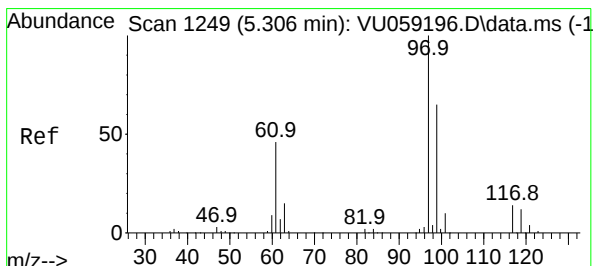
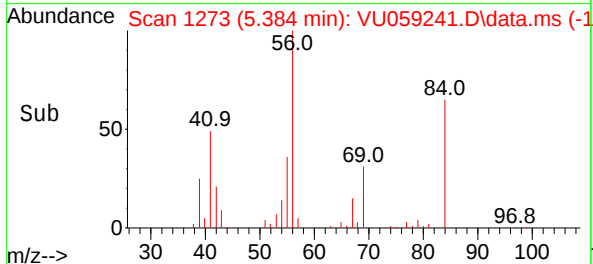
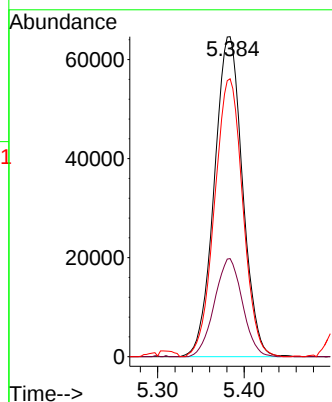
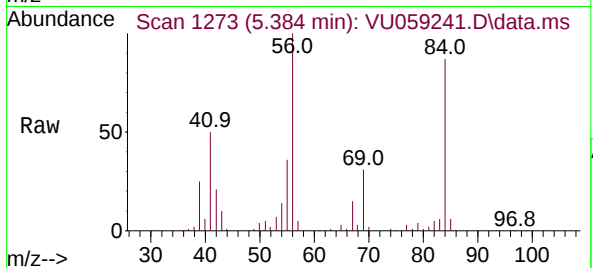




#29
Cyclohexane
Concen: 48.119 ug/L
RT: 5.384 min Scan# 1273
Delta R.T. 0.004 min
Lab File: VU059241.D
Acq: 14 Jun 2024 12:26

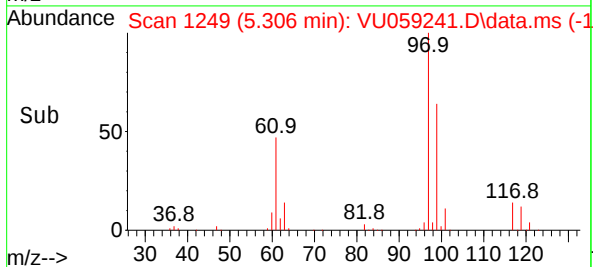
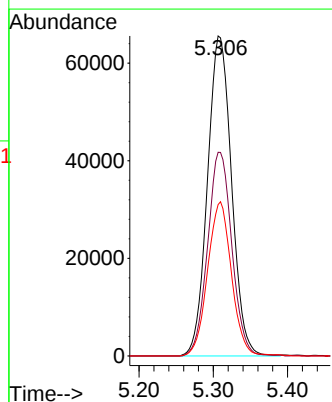
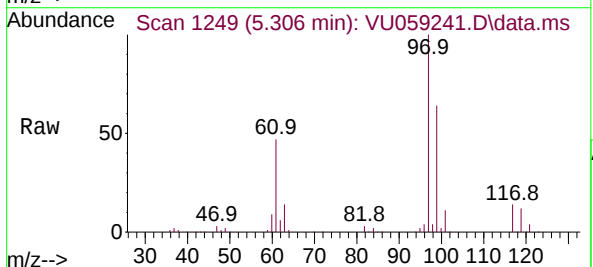
Instrument :
MSVOA_U
ClientSampleId :

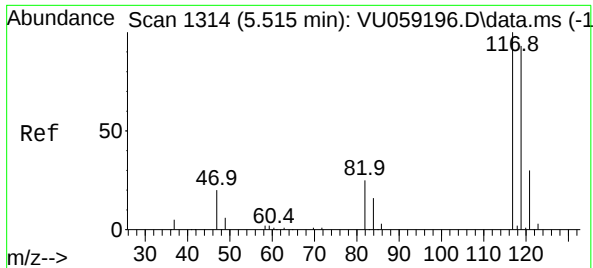
Tgt Ion: 56 Resp: 146265
Ion Ratio Lower Upper
56 100
69 30.3 24.6 37.0
84 86.9 67.4 101.0



#30
1,1,1-Trichloroethane
Concen: 49.899 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU059241.D
Acq: 14 Jun 2024 12:26

Tgt Ion: 97 Resp: 147719
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 47.7 39.1 58.7

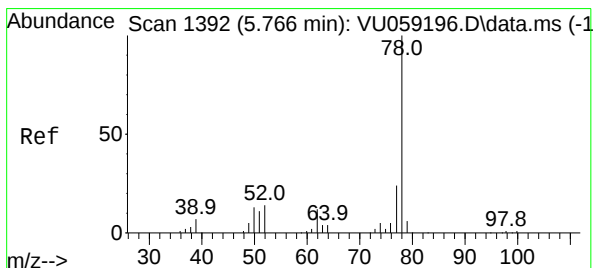
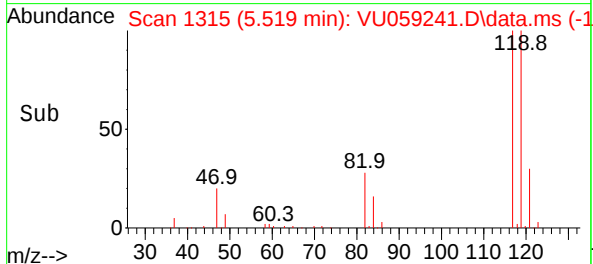
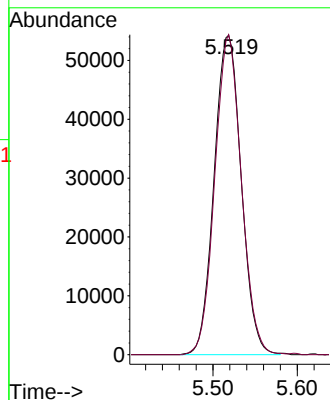
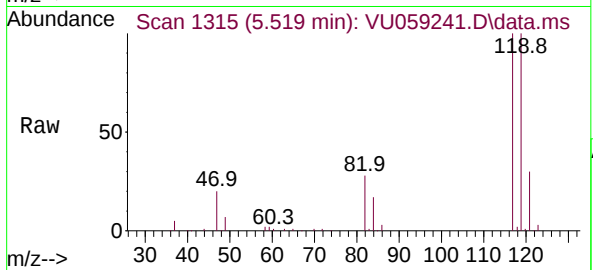




#31
Carbon tetrachloride
Concen: 50.399 ug/L
RT: 5.519 min Scan# 1314
Delta R.T. 0.004 min
Lab File: VU059241.D
Acq: 14 Jun 2024 12:26

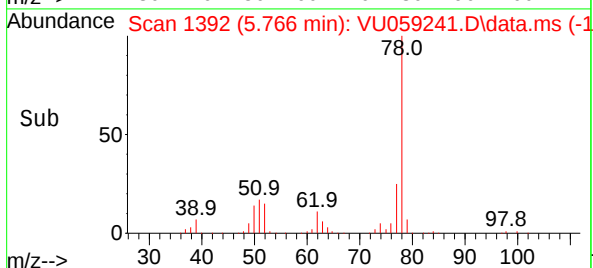
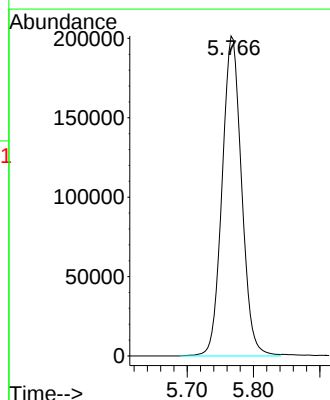
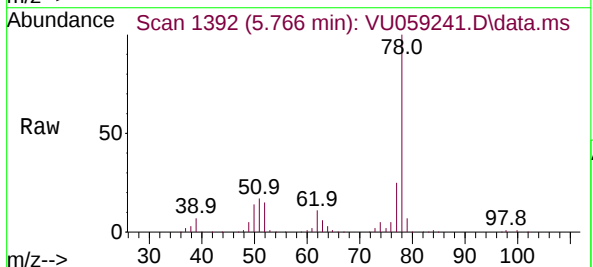
Instrument :
MSVOA_U
ClientSampleId :

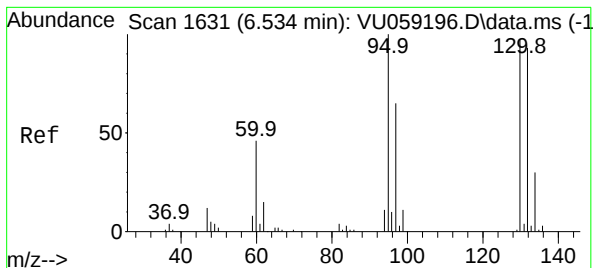
Tgt Ion:117 Resp: 121189
Ion Ratio Lower Upper
117 100
119 98.1 76.9 115.3



#33
Benzene
Concen: 50.025 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059241.D
Acq: 14 Jun 2024 12:26

Tgt Ion: 78 Resp: 411283





#34

Trichloroethene

Concen: 52.747 ug/L

RT: 6.535 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU059241.D

Acq: 14 Jun 2024 12:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 106185

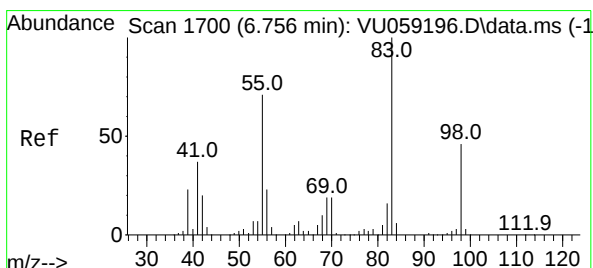
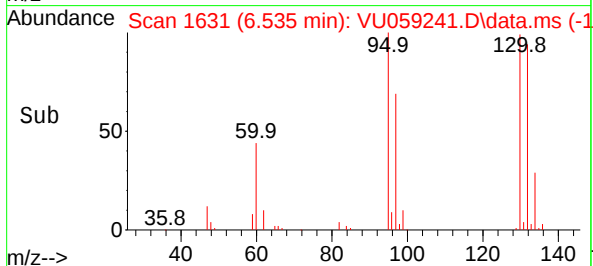
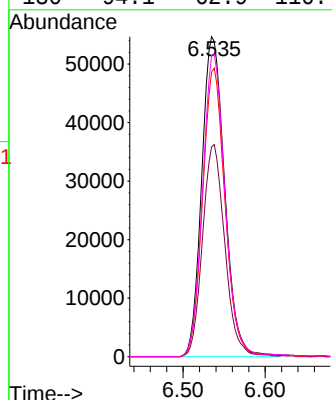
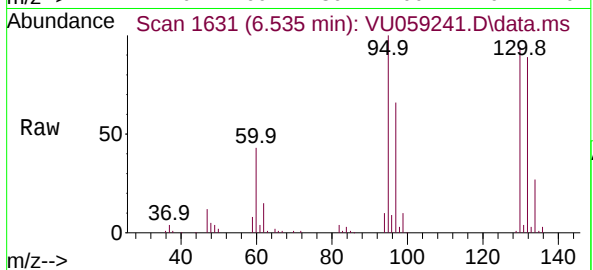
Ion Ratio Lower Upper

95 100

97 65.6 45.2 84.0

132 89.0 60.6 112.6

130 94.1 62.9 116.7



#35

Methylcyclohexane

Concen: 52.253 ug/L

RT: 6.757 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU059241.D

Acq: 14 Jun 2024 12:26

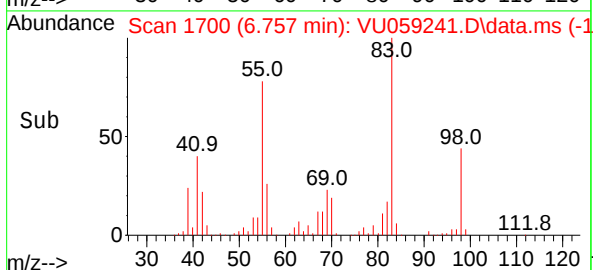
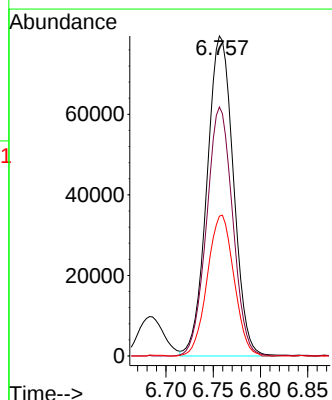
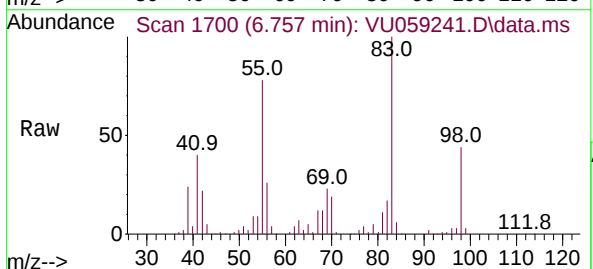
Tgt Ion: 83 Resp: 154663

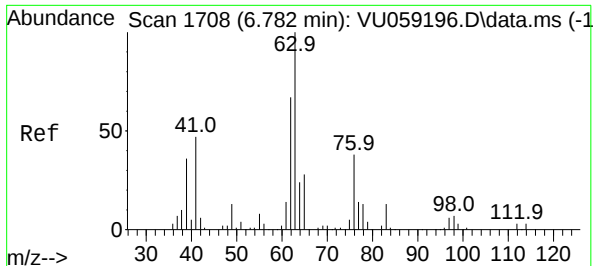
Ion Ratio Lower Upper

83 100

55 76.8 63.9 95.9

98 44.3 34.7 52.1

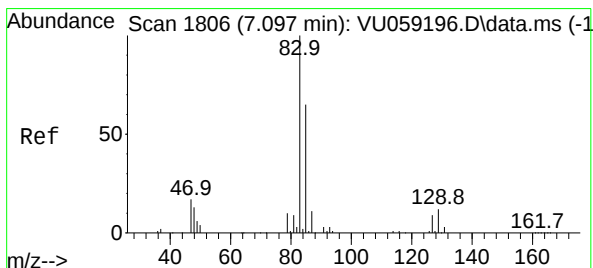
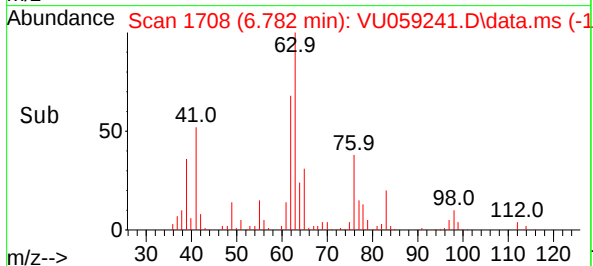
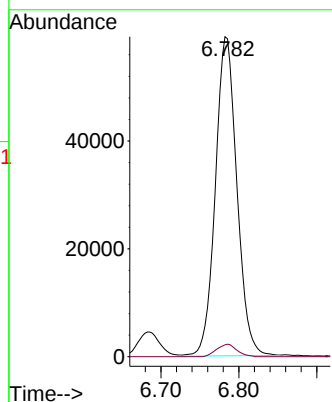
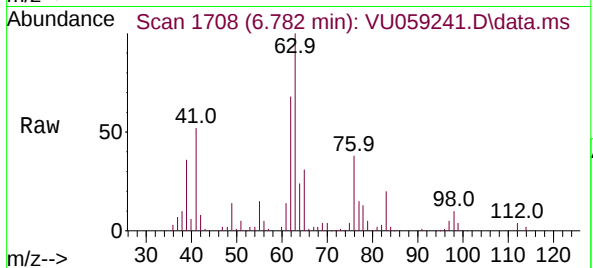




#37
1,2-Dichloropropane
Concen: 48.718 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059241.D
Acq: 14 Jun 2024 12:26

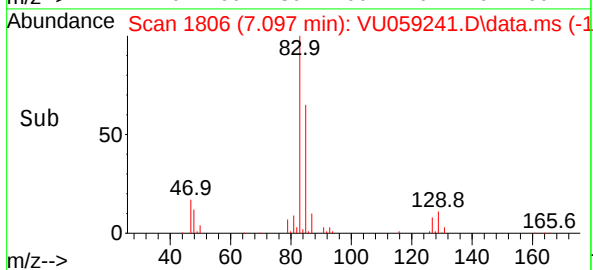
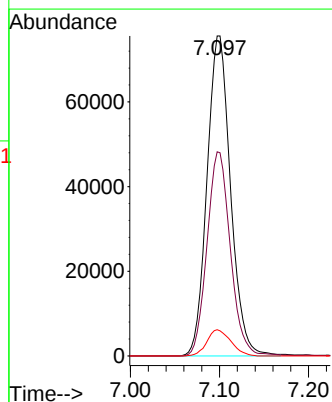
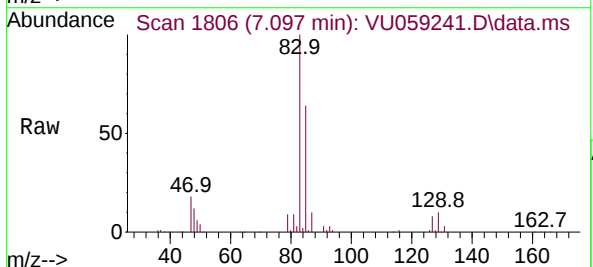
Instrument :
MSVOA_U
ClientSampleId :

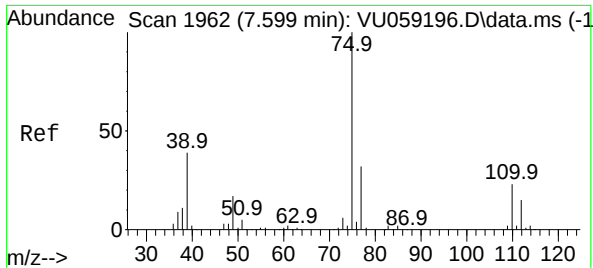
Tgt Ion: 63 Resp: 113735
Ion Ratio Lower Upper
63 100
112 3.7 2.6 4.0



#38
Bromodichloromethane
Concen: 51.116 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU059241.D
Acq: 14 Jun 2024 12:26

Tgt Ion: 83 Resp: 139003
Ion Ratio Lower Upper
83 100
85 63.8 44.0 81.6
127 8.2 7.0 10.6

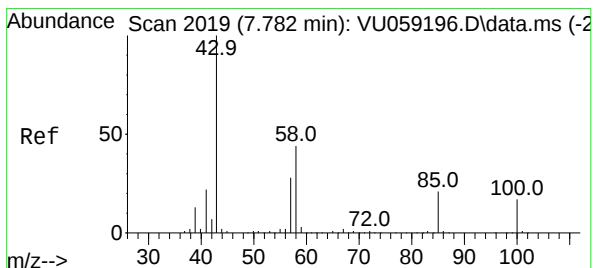
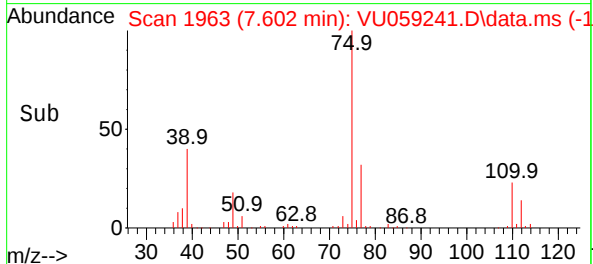
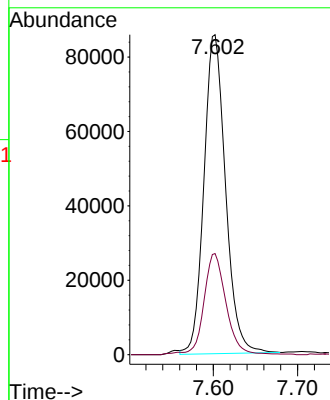
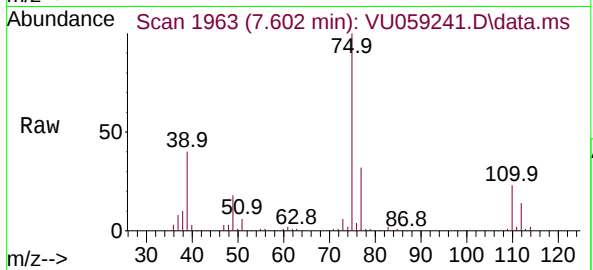




#39
 cis-1,3-Dichloropropene
 Concen: 47.429 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.004 min
 Lab File: VU059241.D
 Acq: 14 Jun 2024 12:26

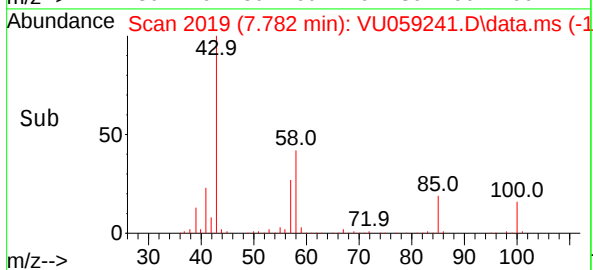
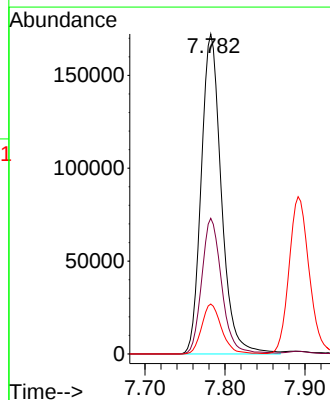
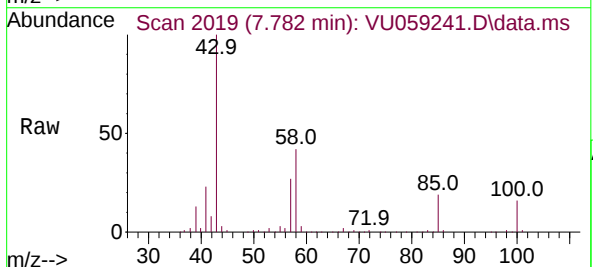
Instrument :
 MSVOA_U
 ClientSampleId :

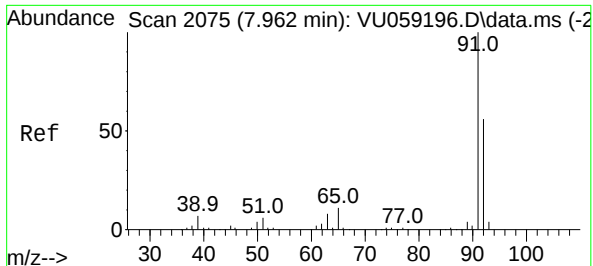
Tgt Ion: 75 Resp: 153202
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.2 39.4



#40
 4-Methyl-2-pentanone
 Concen: 98.822 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU059241.D
 Acq: 14 Jun 2024 12:26

Tgt Ion: 43 Resp: 302455
 Ion Ratio Lower Upper
 43 100
 58 41.8 33.7 50.5
 100 15.4 11.4 17.0





#42

Toluene

Concen: 52.681 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU059241.D

Acq: 14 Jun 2024 12:26

Instrument :

MSVOA_U

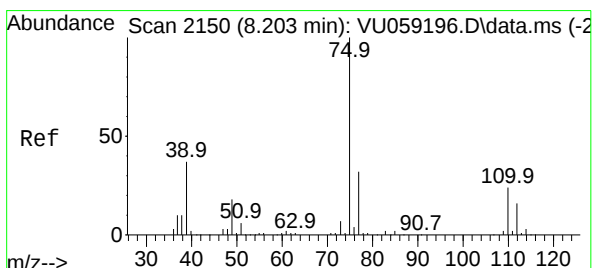
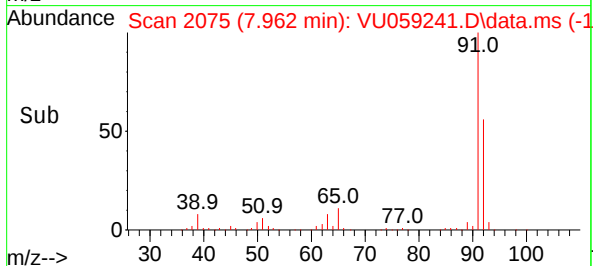
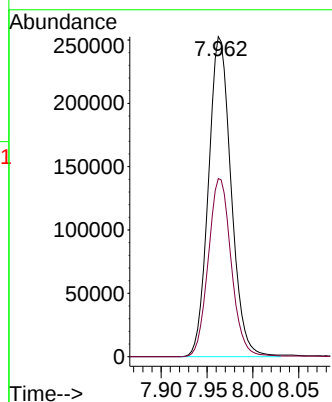
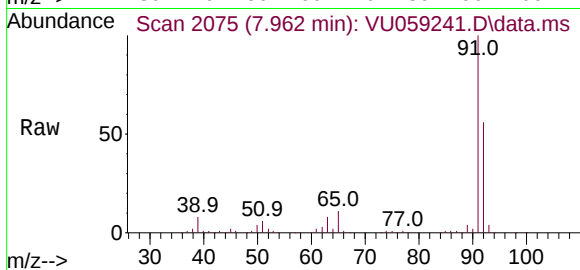
ClientSampleId :

Tgt Ion: 91 Resp: 434752

Ion Ratio Lower Upper

91 100

92 55.6 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 50.335 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU059241.D

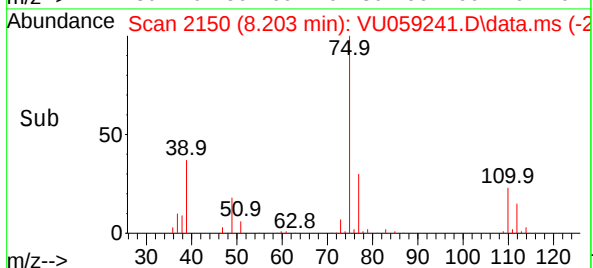
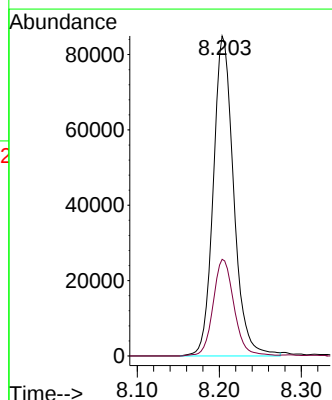
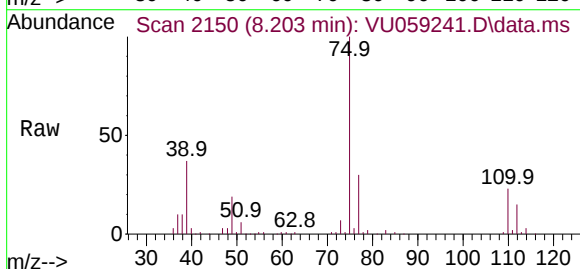
Acq: 14 Jun 2024 12:26

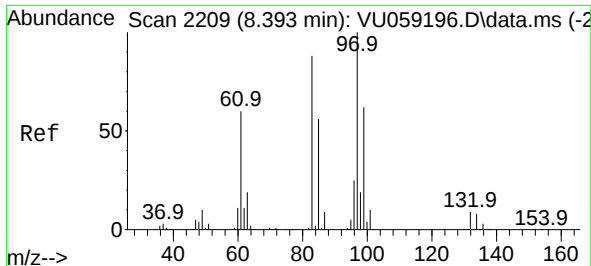
Tgt Ion: 75 Resp: 147191

Ion Ratio Lower Upper

75 100

77 30.2 22.0 40.8

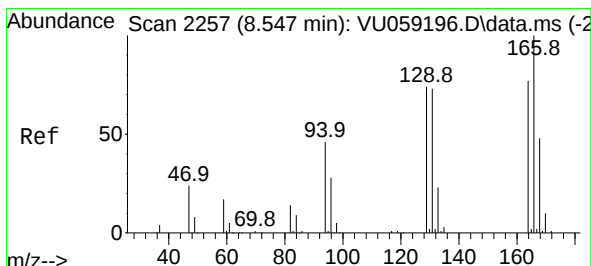
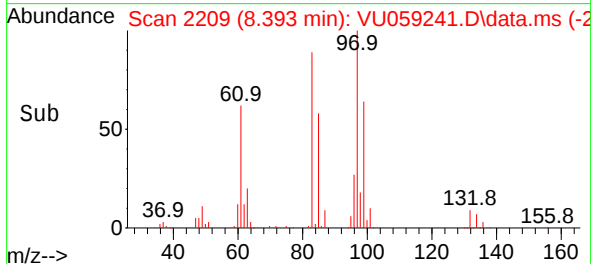
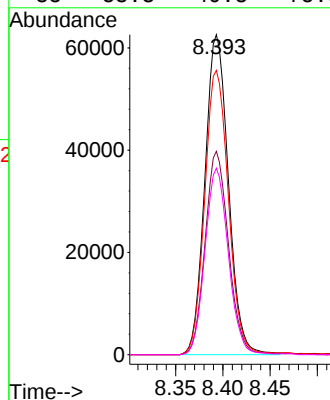
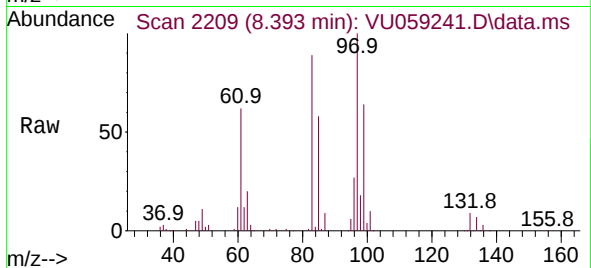




#45
1,1,2-Trichloroethane
Concen: 51.638 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059241.D
Acq: 14 Jun 2024 12:26

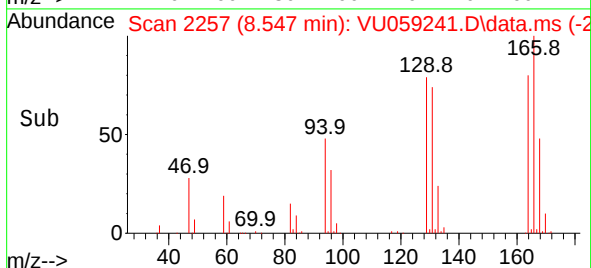
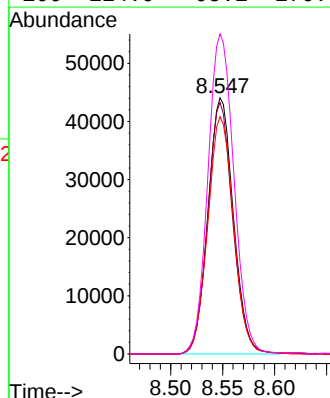
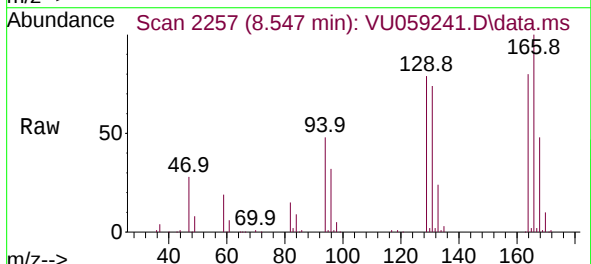
Instrument :
MSVOA_U
ClientSampleId :

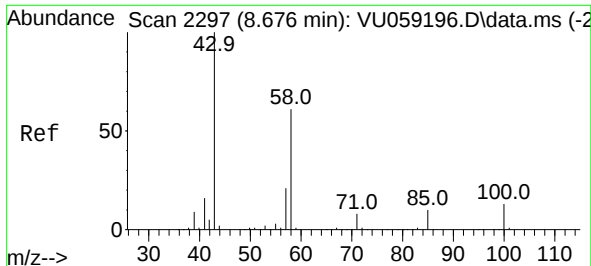
Tgt Ion:	97	Resp:	108390
Ion	Ratio	Lower	Upper
97	100		
99	63.6	44.0	81.6
83	88.9	63.6	118.2
85	58.3	40.8	75.8



#46
Tetrachloroethene
Concen: 55.954 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059241.D
Acq: 14 Jun 2024 12:26

Tgt Ion:	164	Resp:	75029
Ion	Ratio	Lower	Upper
164	100		
129	98.1	74.5	138.5
131	92.6	70.6	131.0
166	124.9	95.1	176.7





#48

2-Hexanone

Concen: 89.058 ug/L

RT: 8.676 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VU059241.D

Acq: 14 Jun 2024 12:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 229885

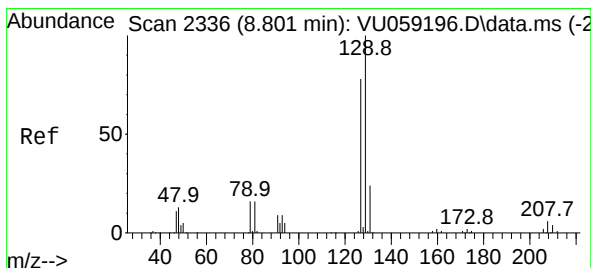
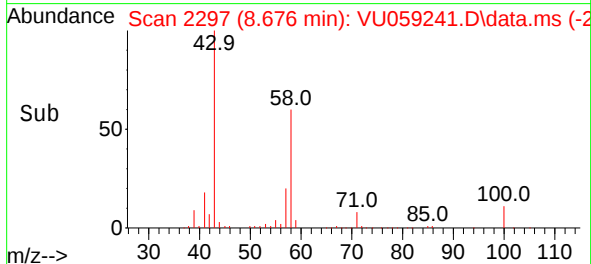
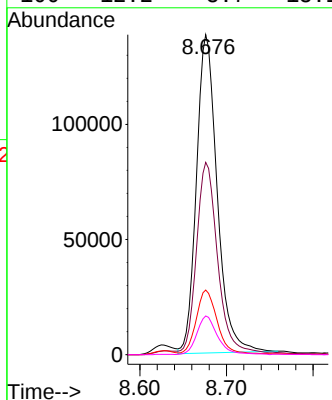
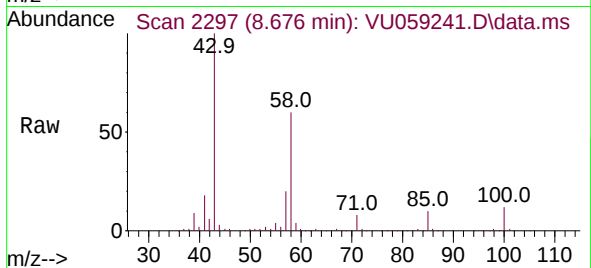
Ion Ratio Lower Upper

43 100

58 60.3 45.9 68.9

57 20.3 16.3 24.5

100 12.2 8.7 13.1



#49

Dibromochloromethane

Concen: 53.744 ug/L

RT: 8.805 min Scan# 2337

Delta R.T. 0.004 min

Lab File: VU059241.D

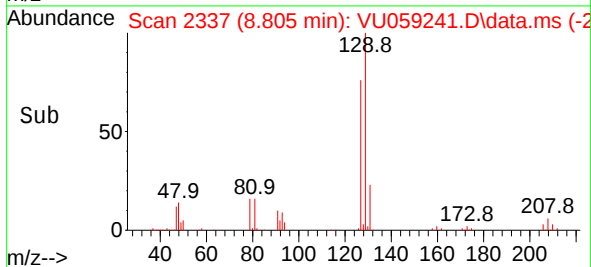
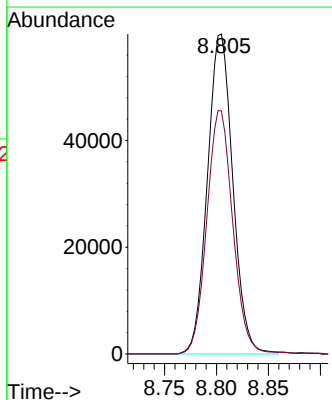
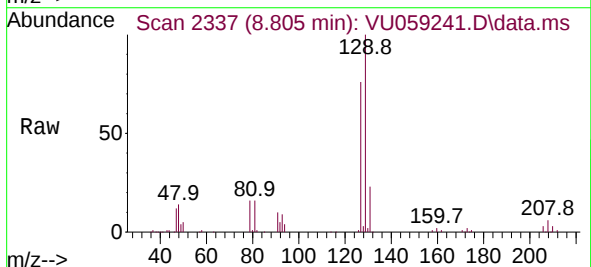
Acq: 14 Jun 2024 12:26

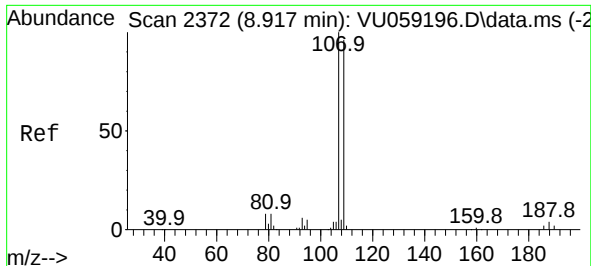
Tgt Ion: 129 Resp: 101949

Ion Ratio Lower Upper

129 100

127 76.0 53.3 98.9

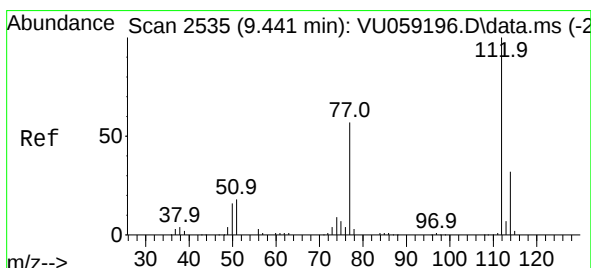
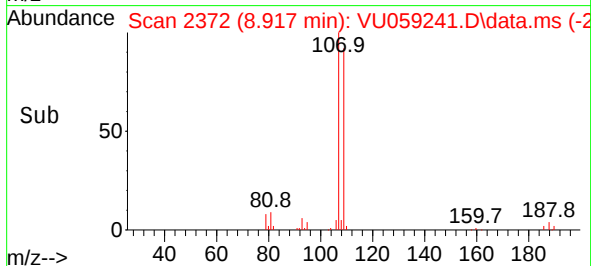
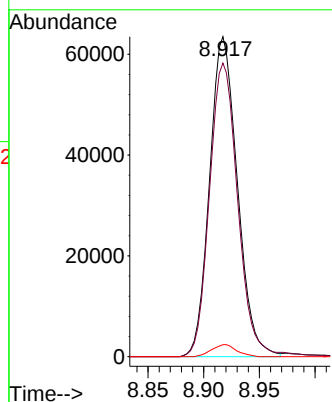
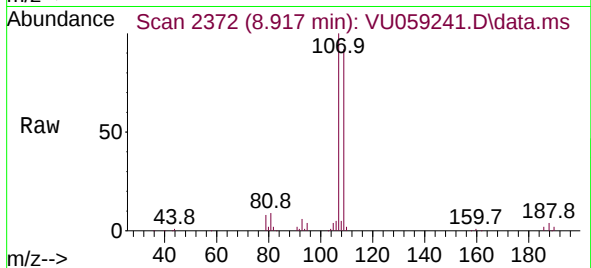




#50
1,2-Dibromoethane
Concen: 50.954 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU059241.D
Acq: 14 Jun 2024 12:26

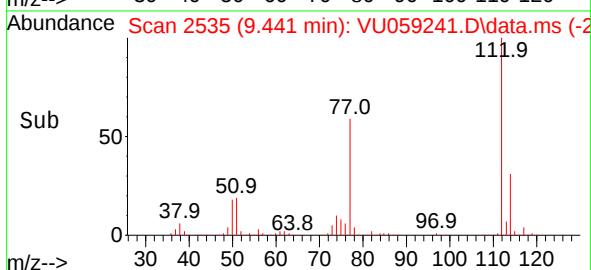
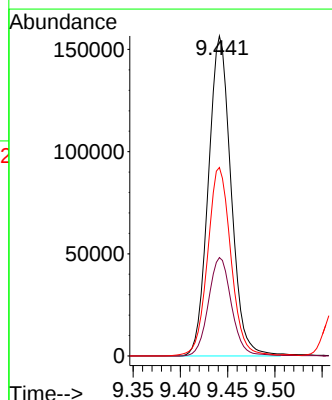
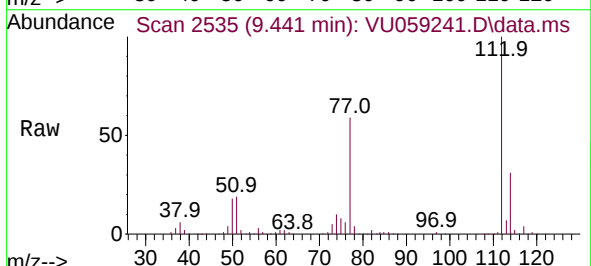
Instrument :
MSVOA_U
ClientSampleId :

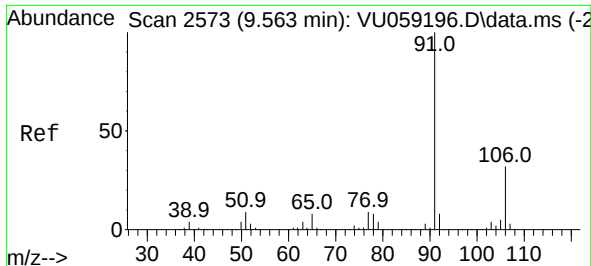
Tgt Ion:107 Resp: 110327
Ion Ratio Lower Upper
107 100
109 91.8 67.8 125.8
188 3.7 2.5 3.7#



#51
Chlorobenzene
Concen: 52.502 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU059241.D
Acq: 14 Jun 2024 12:26

Tgt Ion:112 Resp: 261506
Ion Ratio Lower Upper
112 100
114 30.7 22.1 41.1
77 58.9 49.8 74.6





#52

Ethylbenzene

Concen: 52.479 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU059241.D

Acq: 14 Jun 2024 12:26

Instrument :

MSVOA_U

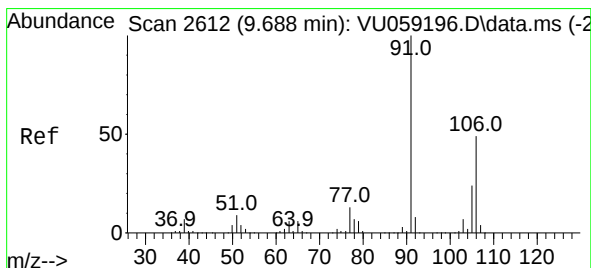
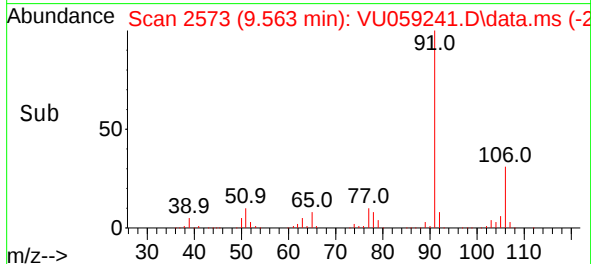
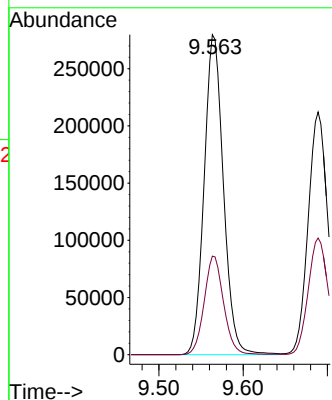
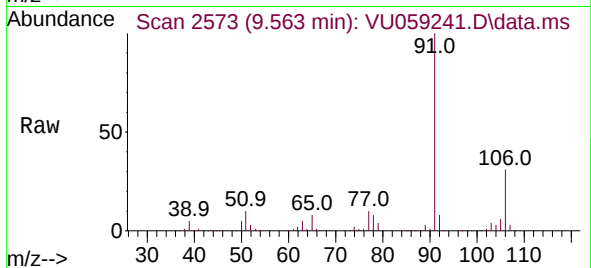
ClientSampleId :

Tgt Ion: 91 Resp: 446483

Ion Ratio Lower Upper

91 100

106 30.8 21.0 39.0



#53

m,p-Xylene

Concen: 54.357 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU059241.D

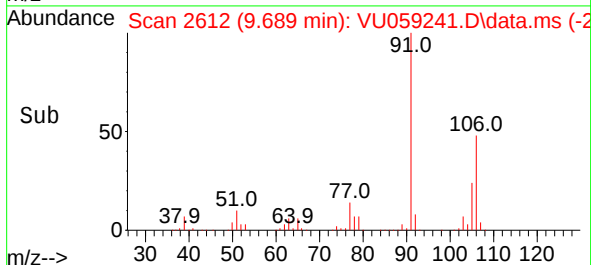
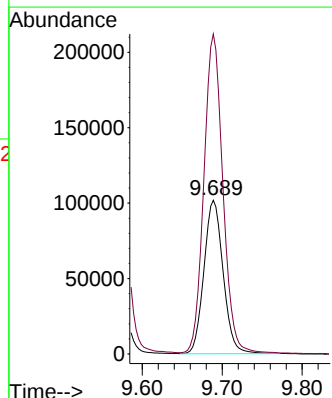
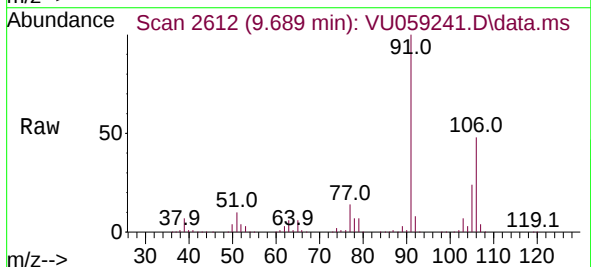
Acq: 14 Jun 2024 12:26

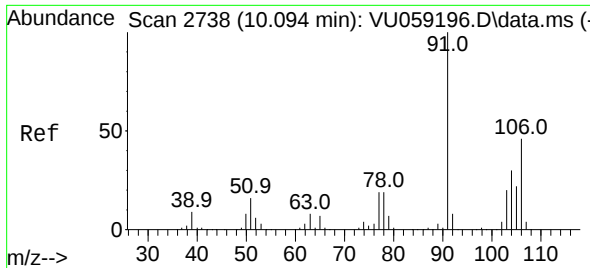
Tgt Ion:106 Resp: 169966

Ion Ratio Lower Upper

106 100

91 208.1 146.4 272.0

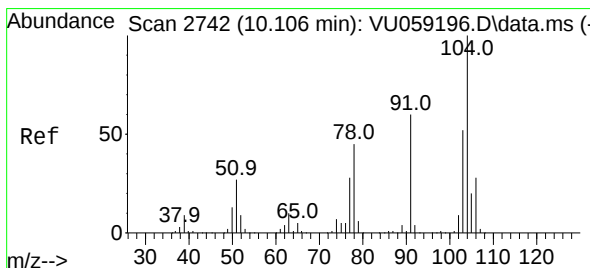
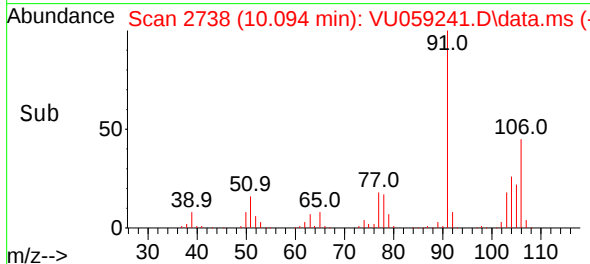
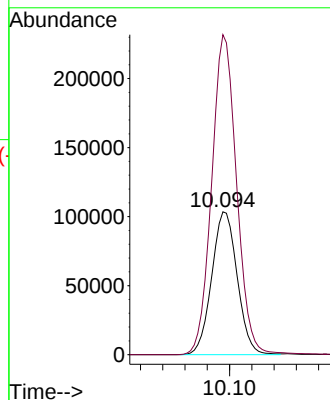
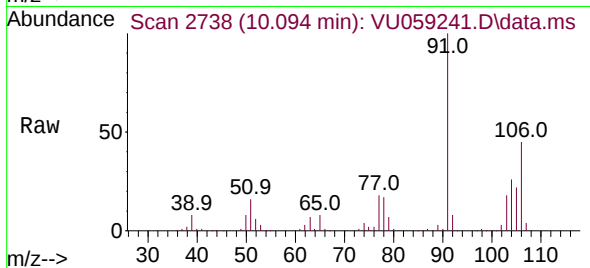




#54
o-Xylene
Concen: 54.280 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU059241.D
Acq: 14 Jun 2024 12:26

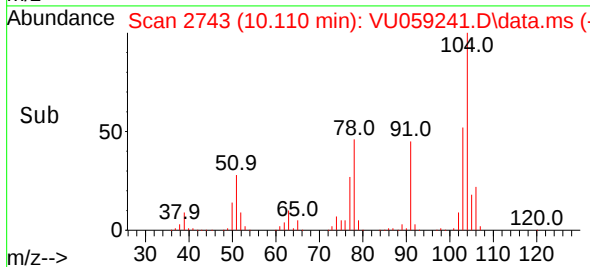
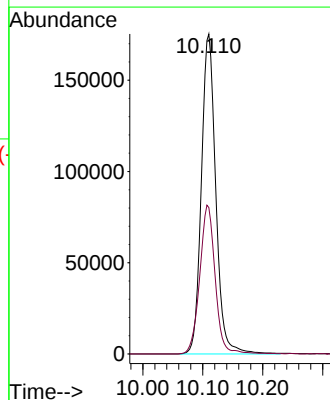
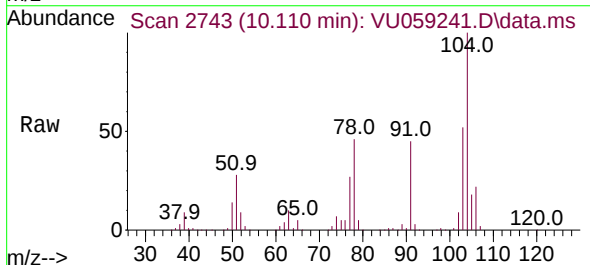
Instrument :
MSVOA_U
ClientSampleId :

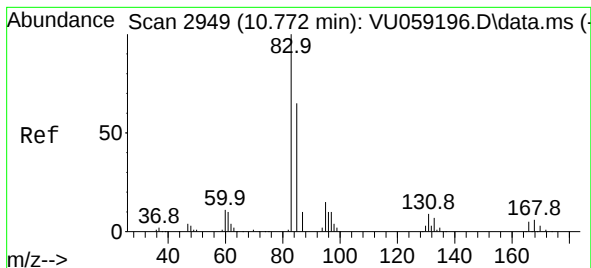
Tgt Ion:106 Resp: 164489
Ion Ratio Lower Upper
106 100
91 224.1 156.7 290.9



#55
Styrene
Concen: 57.139 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.004 min
Lab File: VU059241.D
Acq: 14 Jun 2024 12:26

Tgt Ion:104 Resp: 294321
Ion Ratio Lower Upper
104 100
78 45.8 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 48.969 ug/L

RT: 10.776 min Scan# 2949

Delta R.T. 0.004 min

Lab File: VU059241.D

Acq: 14 Jun 2024 12:26

Instrument :

MSVOA_U

ClientSampleId :

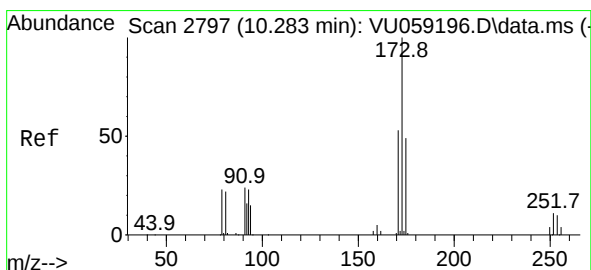
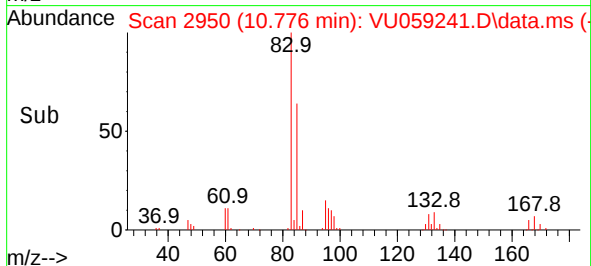
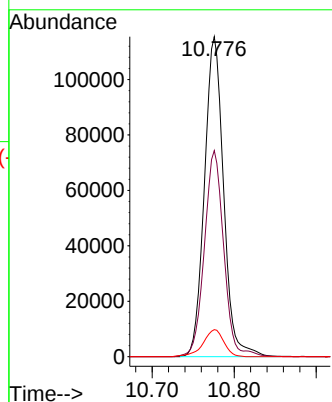
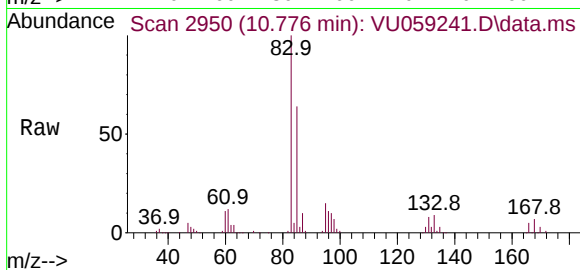
Tgt Ion: 83 Resp: 187241

Ion Ratio Lower Upper

83 100

85 64.4 46.1 85.7

131 8.5 7.0 10.4



#59

Bromoform

Concen: 53.232 ug/L

RT: 10.284 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU059241.D

Acq: 14 Jun 2024 12:26

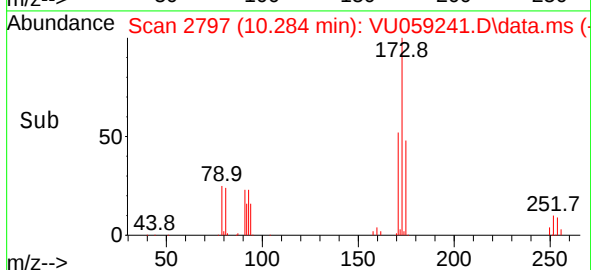
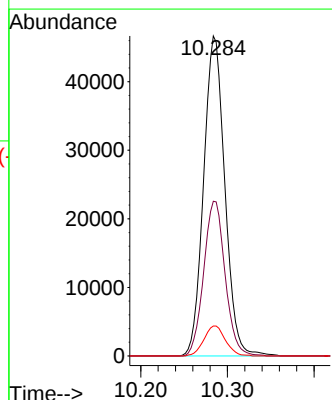
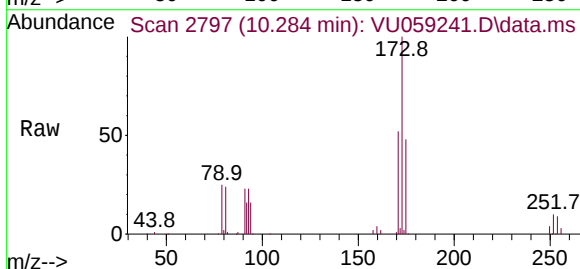
Tgt Ion:173 Resp: 79536

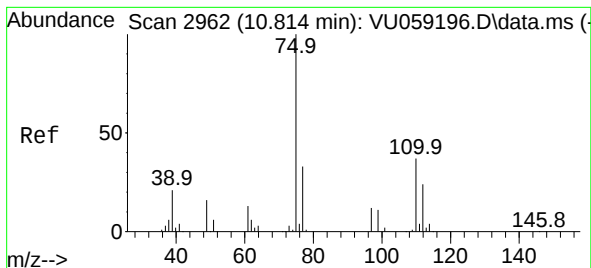
Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.6

254 9.5 7.5 11.3





#60

1,2,3-Trichloropropane

Concen: 46.866 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU059241.D

Acq: 14 Jun 2024 12:26

Instrument :

MSVOA_U

ClientSampleId :

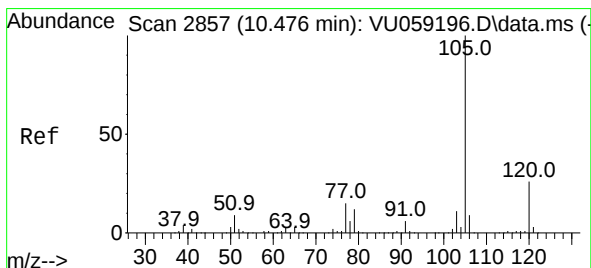
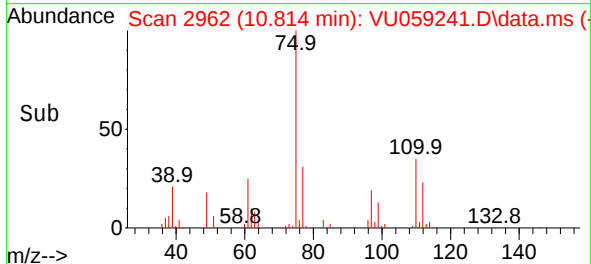
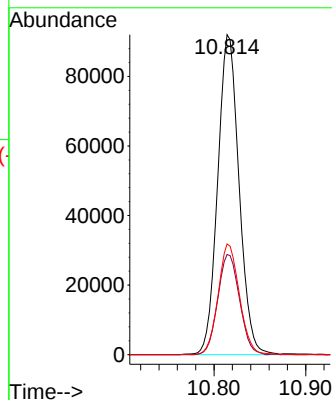
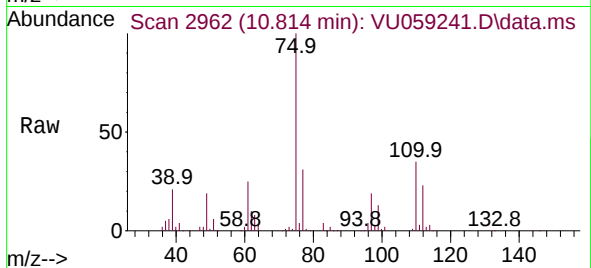
Tgt Ion: 75 Resp: 148517

Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.2

110 34.5 28.4 42.6



#61

Isopropylbenzene

Concen: 54.562 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.004 min

Lab File: VU059241.D

Acq: 14 Jun 2024 12:26

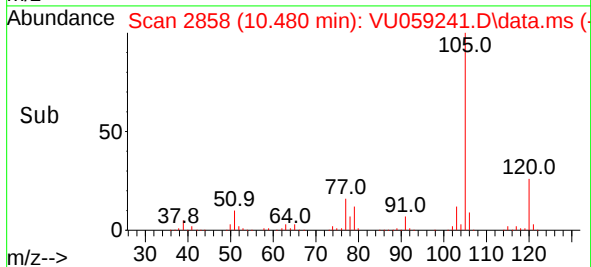
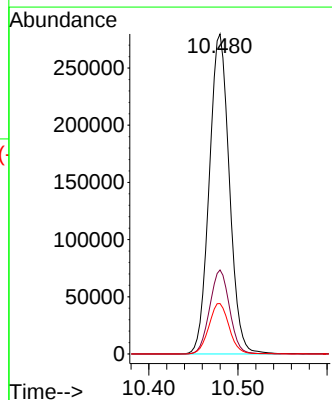
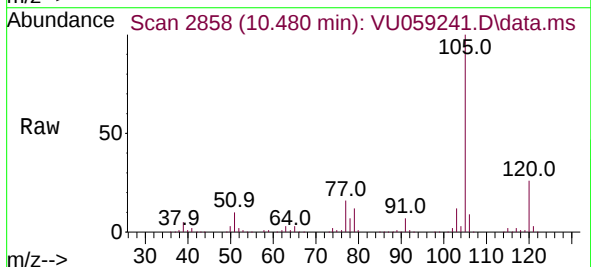
Tgt Ion:105 Resp: 437429

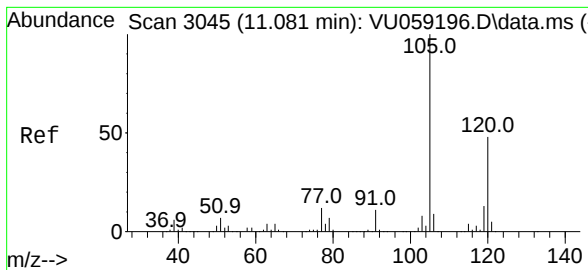
Ion Ratio Lower Upper

105 100

120 26.0 20.3 30.5

77 16.0 13.4 20.0

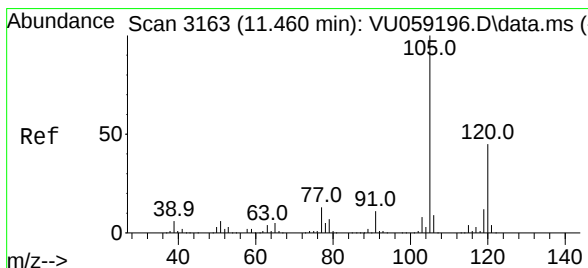
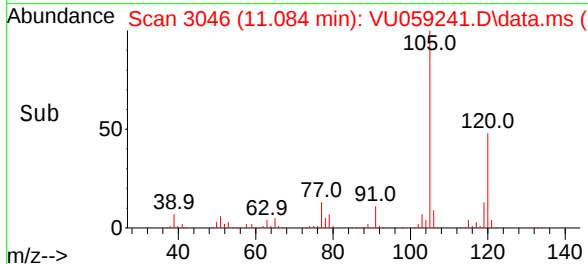
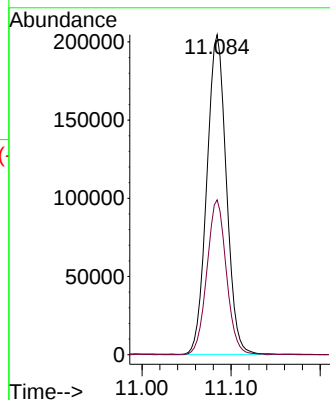
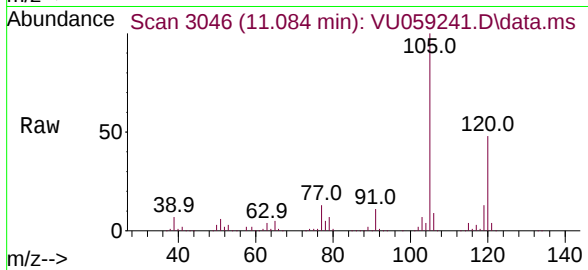




#62
1,3,5-Trimethylbenzene
Concen: 53.485 ug/L
RT: 11.084 min Scan# 3045
Delta R.T. 0.004 min
Lab File: VU059241.D
Acq: 14 Jun 2024 12:26

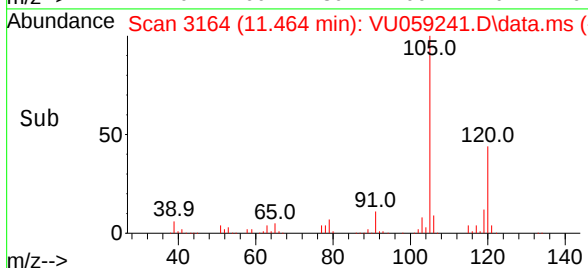
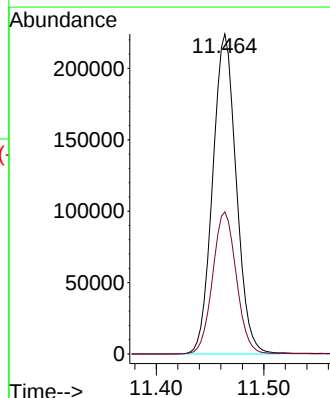
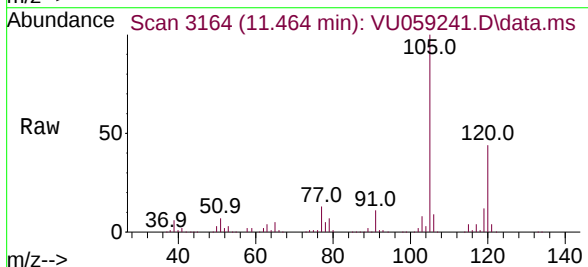
Instrument :
MSVOA_U
ClientSampleId :

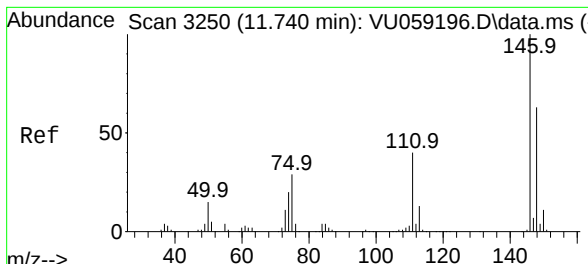
Tgt Ion:105 Resp: 310675
Ion Ratio Lower Upper
105 100
120 48.3 37.8 56.8



#63
1,2,4-Trimethylbenzene
Concen: 54.283 ug/L
RT: 11.464 min Scan# 3164
Delta R.T. 0.004 min
Lab File: VU059241.D
Acq: 14 Jun 2024 12:26

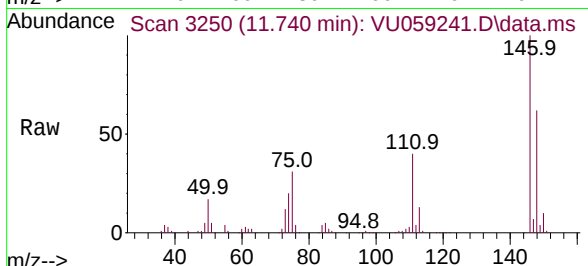
Tgt Ion:105 Resp: 341811
Ion Ratio Lower Upper
105 100
120 44.8 35.0 52.6



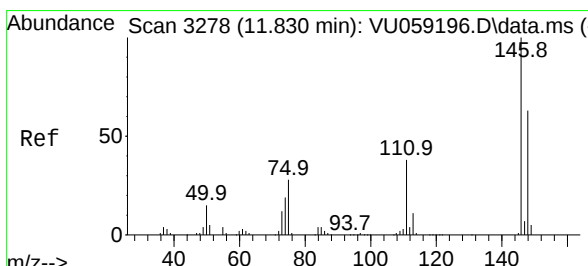
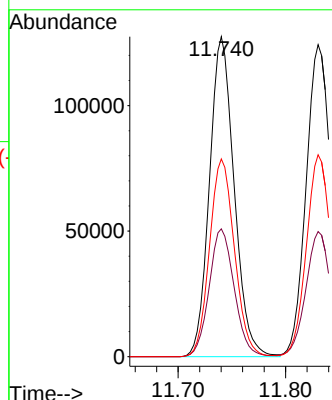
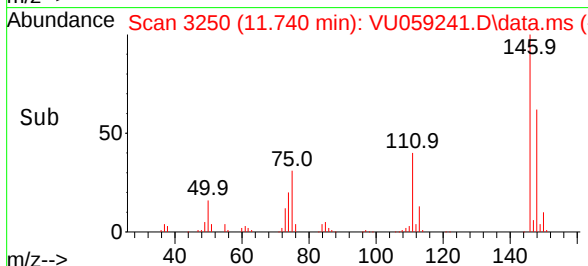


#64
1,3-Dichlorobenzene
Concen: 54.275 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU059241.D
Acq: 14 Jun 2024 12:26

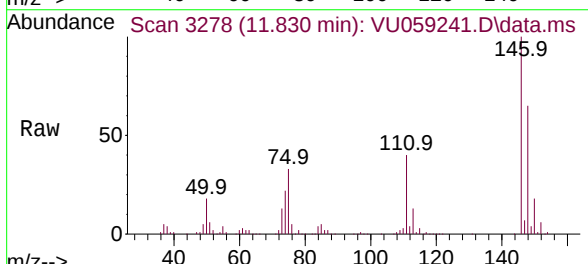
Instrument :
MSVOA_U
ClientSampleId :



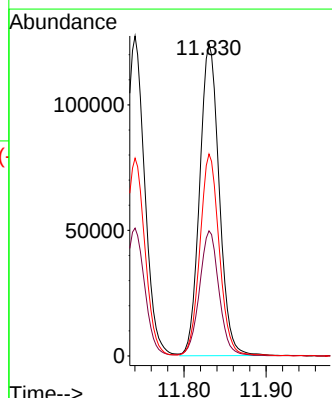
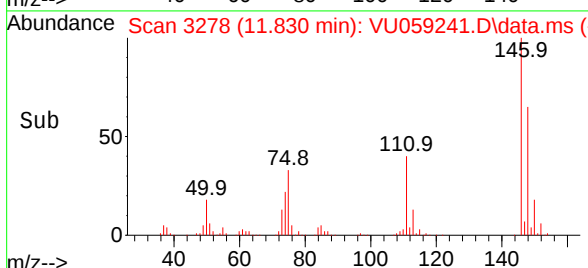
Tgt Ion:146 Resp: 203369
Ion Ratio Lower Upper
146 100
111 40.0 28.7 53.3
148 61.8 44.9 83.5

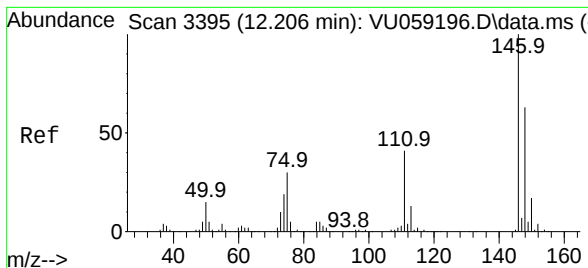


#65
1,4-Dichlorobenzene
Concen: 53.054 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU059241.D
Acq: 14 Jun 2024 12:26



Tgt Ion:146 Resp: 205305
Ion Ratio Lower Upper
146 100
111 40.1 27.9 51.9
148 64.7 45.7 84.9





#67

1,2-Dichlorobenzene

Concen: 51.220 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU059241.D

Acq: 14 Jun 2024 12:26

Instrument :

MSVOA_U

ClientSampleId :

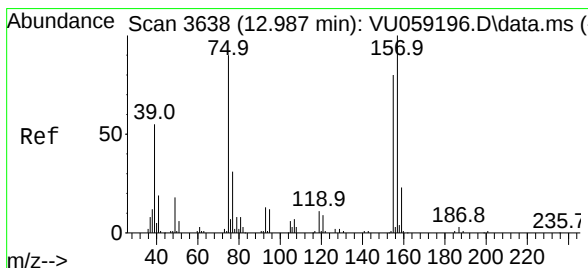
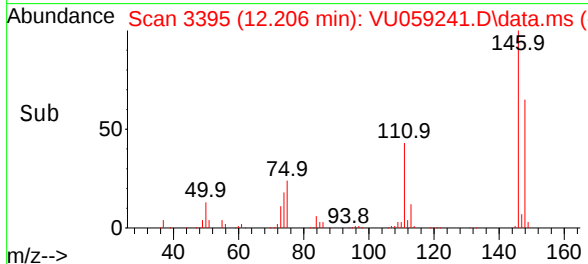
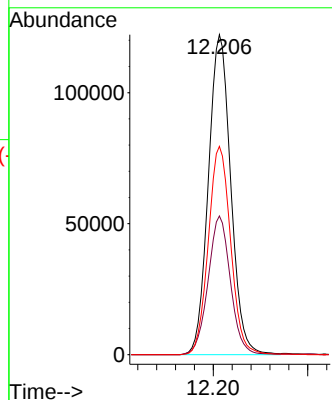
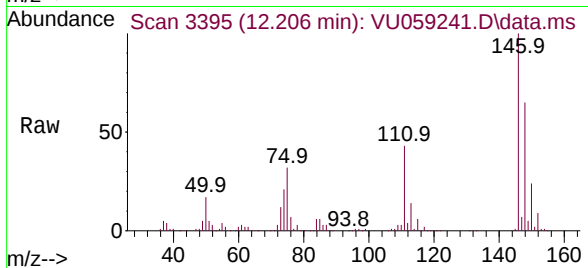
Tgt Ion:146 Resp: 200592

Ion Ratio Lower Upper

146 100

111 43.4 33.4 50.2

148 65.1 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 48.856 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.004 min

Lab File: VU059241.D

Acq: 14 Jun 2024 12:26

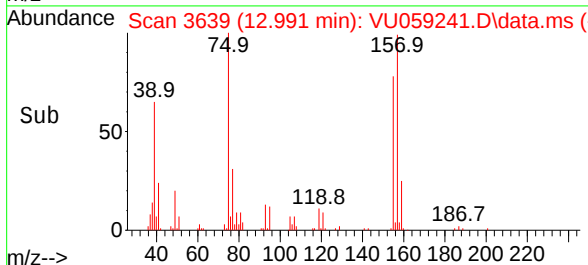
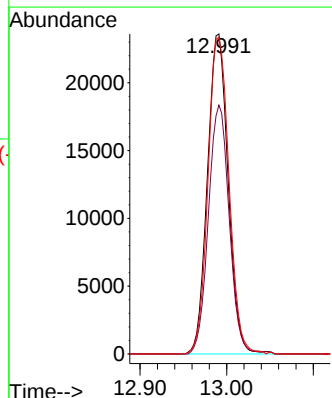
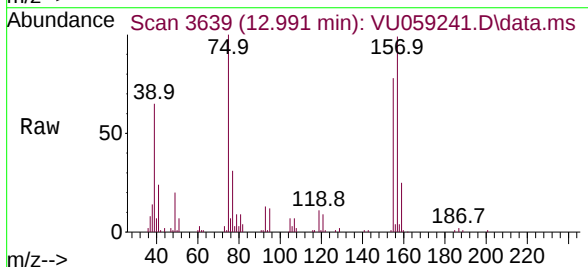
Tgt Ion: 75 Resp: 39250

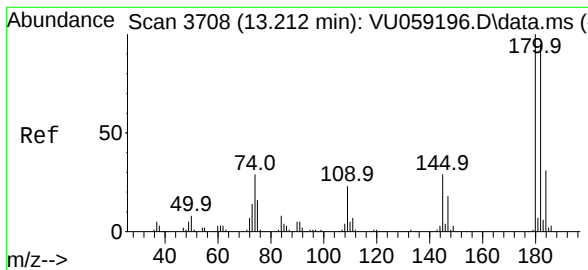
Ion Ratio Lower Upper

75 100

155 77.8 57.5 86.3

157 102.8 73.4 110.2





#69

1,3,5-Trichlorobenzene

Concen: 55.242 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.004 min

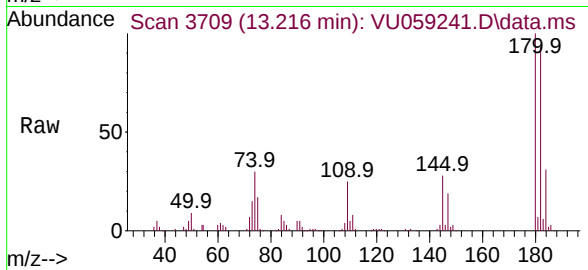
Lab File: VU059241.D

Acq: 14 Jun 2024 12:26

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 136702

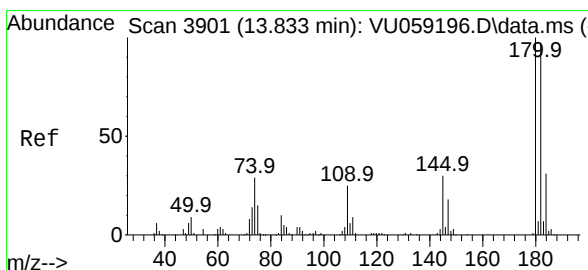
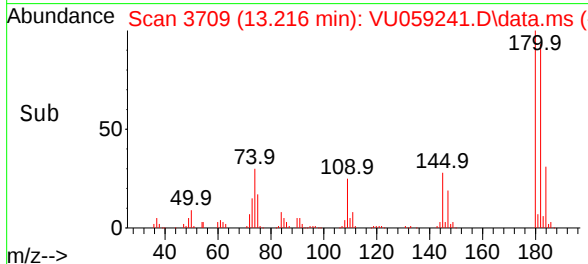
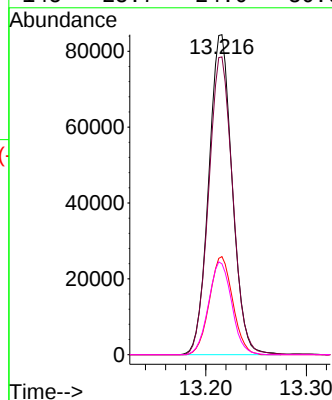
Ion Ratio Lower Upper

180 100

182 95.2 75.6 113.4

184 30.4 24.2 36.2

145 28.7 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 57.077 ug/L

RT: 13.837 min Scan# 3902

Delta R.T. 0.004 min

Lab File: VU059241.D

Acq: 14 Jun 2024 12:26

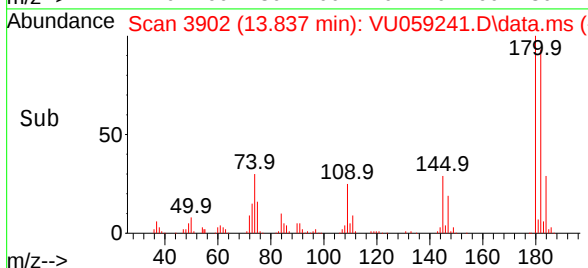
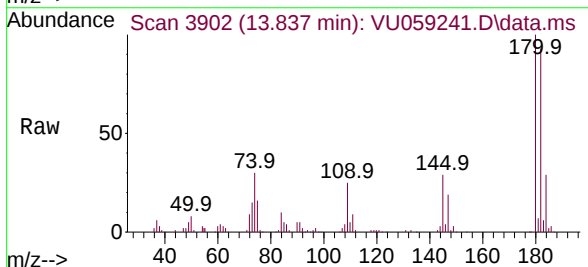
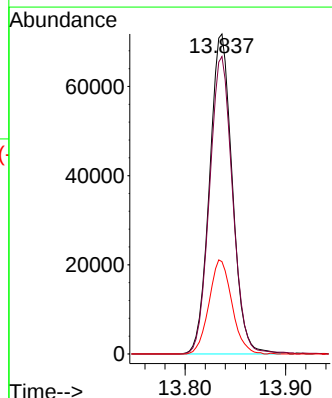
Tgt Ion:180 Resp: 112811

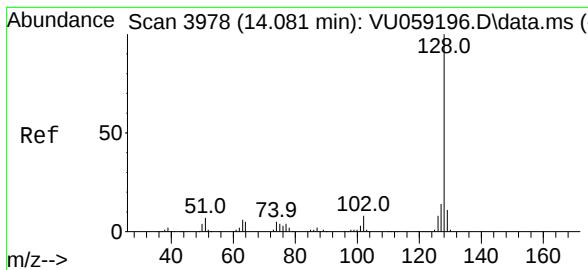
Ion Ratio Lower Upper

180 100

182 93.9 77.4 116.2

145 29.7 24.8 37.2

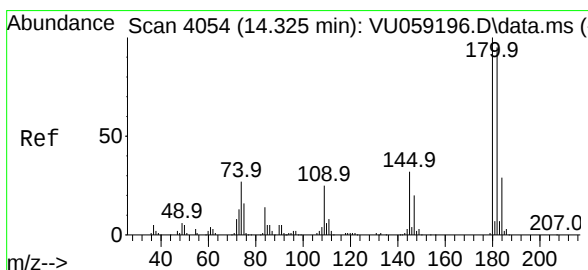
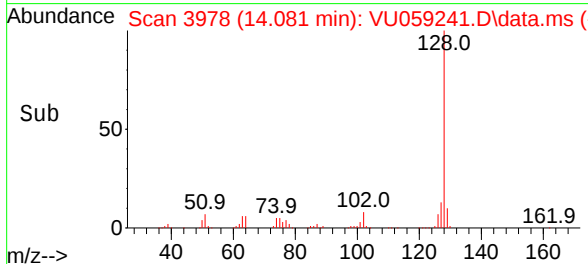
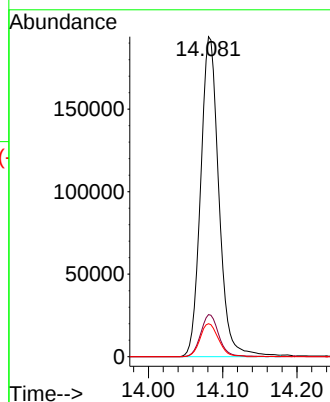
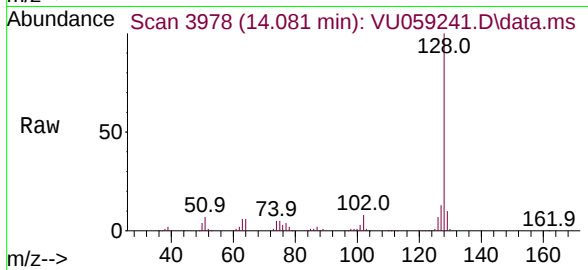




#71
Naphthalene
Concen: 52.875 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU059241.D
Acq: 14 Jun 2024 12:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 330789
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.4 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 59.016 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU059241.D
Acq: 14 Jun 2024 12:26

Tgt Ion:180 Resp: 118586
Ion Ratio Lower Upper
180 100
182 96.2 76.2 114.4
145 33.0 26.4 39.6

