

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061024\
 Data File : VU059205.D
 Acq On : 10 Jun 2024 15:12
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 11 06:03:23 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	296086	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	290849	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	155007	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	83974	47.368	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.740%
7) Chloroethane-d5	1.907	69	73254	48.238	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.480%
11) 1,1-Dichloroethene-d2	2.563	63	170473	48.717	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.440%
21) 2-Butanone-d5	4.612	46	116913	69.967	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.970%
24) Chloroform-d	5.055	84	164439	46.595	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.180%
26) 1,2-Dichloroethane-d4	5.695	65	96814	44.758	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.520%
32) Benzene-d6	5.721	84	327998	49.135	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.280%
36) 1,2-Dichloropropane-d6	6.682	67	102506	44.535	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.080%
41) Toluene-d8	7.891	98	301592	53.221	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.440%
43) trans-1,3-Dichloroprop...	8.174	79	44230	47.540	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.080%
47) 2-Hexanone-d5	8.624	63	81320	76.403	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.400%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	152083	39.042	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.080%
66) 1,2-Dichlorobenzene-d4	12.187	152	110270	47.669	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.340%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	138226	46.075	ug/L	98
3) Chloromethane	1.518	50	145876	42.073	ug/L	99
5) Vinyl chloride	1.602	62	160738	47.180	ug/L	100
6) Bromomethane	1.853	94	102864	37.739	ug/L	97
8) Chloroethane	1.930	64	97489	45.887	ug/L	100
9) Trichlorofluoromethane	2.136	101	194180	48.979	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	119617	51.857	ug/L	94
12) 1,1-Dichloroethene	2.576	96	112600	53.821	ug/L	84
13) Acetone	2.615	43	176036	89.628	ug/L	99
14) Carbon disulfide	2.788	76	339195	48.140	ug/L	100
15) Methyl Acetate	2.940	43	134400	43.200	ug/L	98
16) Methylene chloride	3.036	84	144649	51.098	ug/L	91
17) trans-1,2-Dichloroethene	3.345	96	116976	51.803	ug/L	91
18) Methyl tert-butyl Ether	3.351	73	366677	49.990	ug/L	97
19) 1,1-Dichloroethane	3.859	63	229909	47.500	ug/L	98
20) cis-1,2-Dichloroethene	4.660	96	134720	52.355	ug/L	87
22) 2-Butanone	4.689	43	209270	88.007	ug/L	94
23) Bromochloromethane	4.965	128	67971	52.149	ug/L	89
25) Chloroform	5.078	83	235252	50.196	ug/L	99

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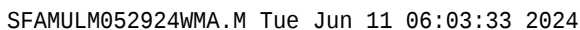
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 MSVOA_U
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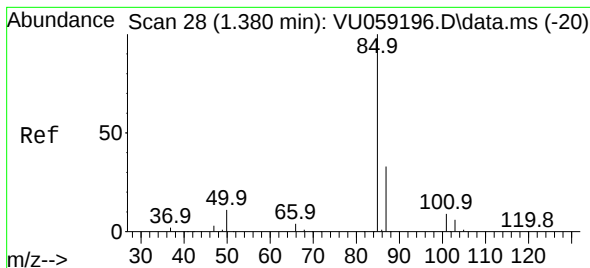
Quant Time: Jun 11 06:03:23 2024
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 Quant Title : VOC Analysis
 QLast Update : Tue Jun 11 05:56:14 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	183609	46.375	ug/L	98
29) Cyclohexane	5.380	56	191113	49.218	ug/L	97
30) 1,1,1-Trichloroethane	5.306	97	186863	49.413	ug/L	98
31) Carbon tetrachloride	5.518	117	155199	50.526	ug/L	100
33) Benzene	5.766	78	519277	49.444	ug/L	100
34) Trichloroethene	6.534	95	138684	53.929	ug/L	94
35) Methylcyclohexane	6.756	83	203277	53.762	ug/L	94
37) 1,2-Dichloropropane	6.782	63	141127	47.323	ug/L	99
38) Bromodichloromethane	7.097	83	172254	49.586	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	207645	50.323	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	372353	95.238	ug/L	98
42) Toluene	7.962	91	558786	53.005	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	187478	50.188	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	138025	51.476	ug/L	98
46) Tetrachloroethene	8.547	164	98828	57.696	ug/L	95
48) 2-Hexanone	8.676	43	294273	89.243	ug/L	96
49) Dibromochloromethane	8.801	129	129899	53.606	ug/L	98
50) 1,2-Dibromoethane	8.917	107	143610	51.921	ug/L	96
51) Chlorobenzene	9.441	112	346791	54.504	ug/L	98
52) Ethylbenzene	9.563	91	599193	55.133	ug/L	100
53) m,p-Xylene	9.689	106	221979	55.573	ug/L	98
54) o-Xylene	10.094	106	218046	56.327	ug/L	96
55) Styrene	10.107	104	375212	57.023	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	228155	46.710	ug/L	100
59) Bromoform	10.283	173	102569	50.467	ug/L	99
60) 1,2,3-Trichloropropane	10.814	75	185542	43.044	ug/L	99
61) Isopropylbenzene	10.476	105	577908	52.994	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	423196	53.561	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	469149	54.774	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	271243	53.218	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	272534	51.775	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	270226	50.727	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	48498	44.380	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.213	180	187891	55.819	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	156866	58.348	ug/L	99
71) Naphthalene	14.081	128	462598	54.361	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	160800	58.831	ug/L	98

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

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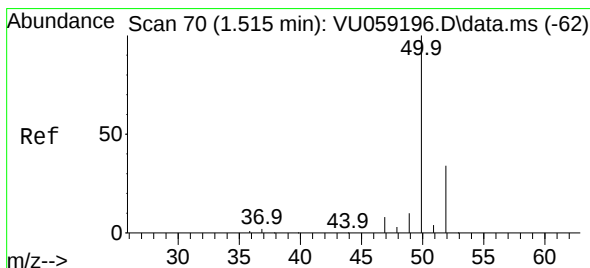
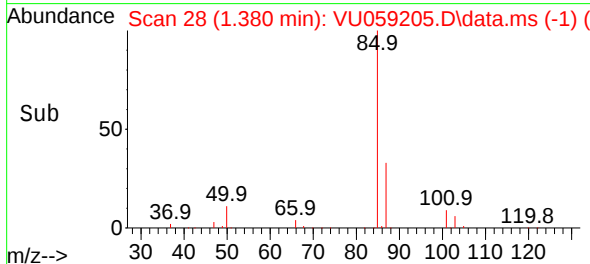
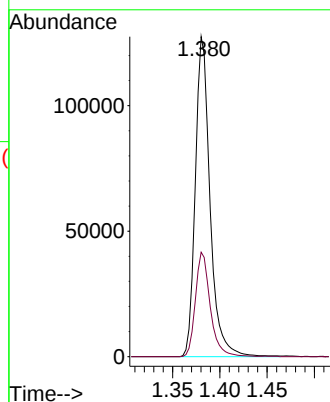
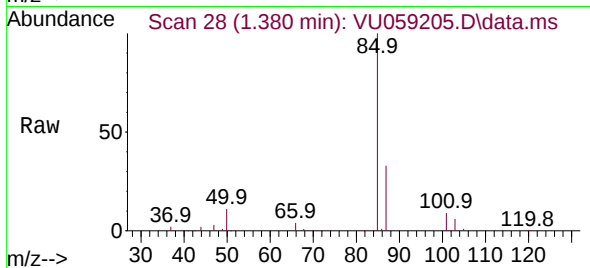




#2
 Dichlorodifluoromethane
 Concen: 46.075 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU059205.D
 Acq: 10 Jun 2024 15:12

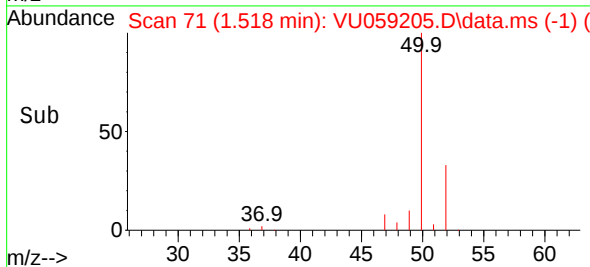
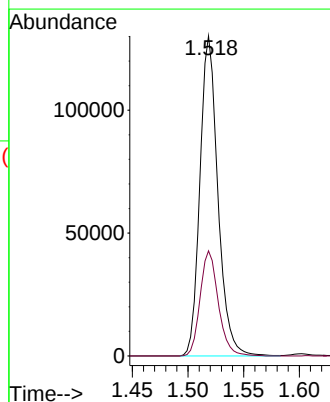
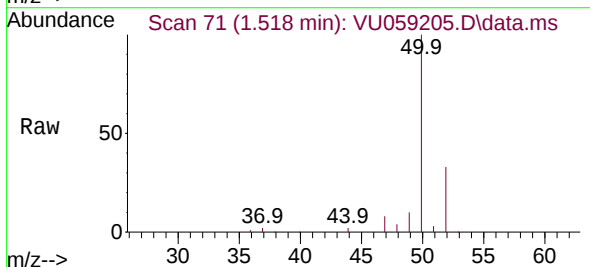
Instrument :
 MSVOA_U
 ClientSampleId :

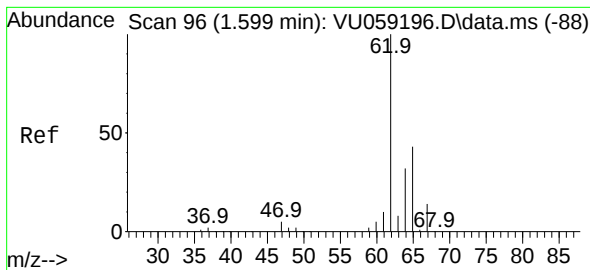
Tgt Ion: 85 Resp: 138226
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.4 38.2



#3
 Chloromethane
 Concen: 42.073 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU059205.D
 Acq: 10 Jun 2024 15:12

Tgt Ion: 50 Resp: 145876
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.2 43.2





#5

Vinyl chloride

Concen: 47.180 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU059205.D

Acq: 10 Jun 2024 15:12

Instrument :

MSVOA_U

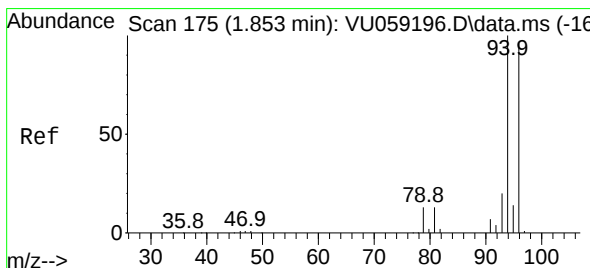
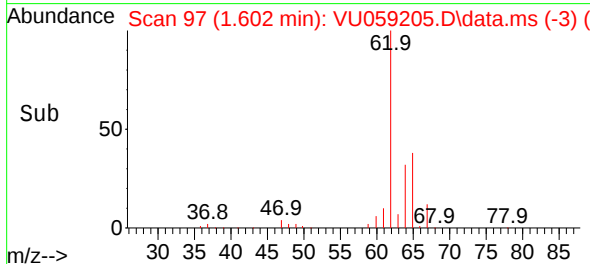
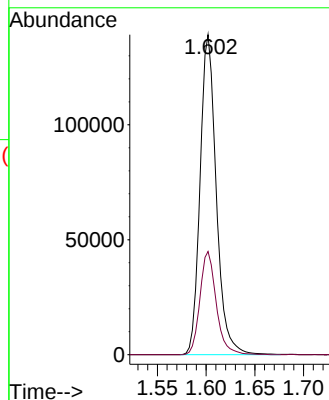
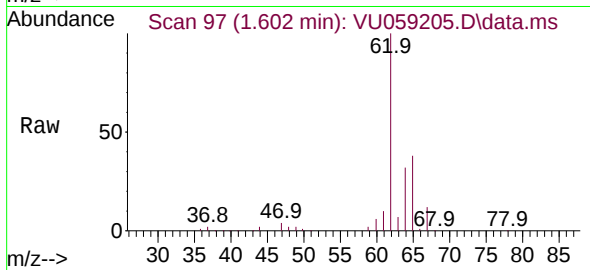
ClientSampleId :

Tgt Ion: 62 Resp: 160738

Ion Ratio Lower Upper

62 100

64 32.3 22.5 41.7



#6

Bromomethane

Concen: 37.739 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU059205.D

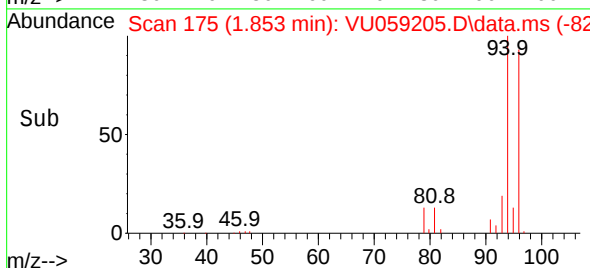
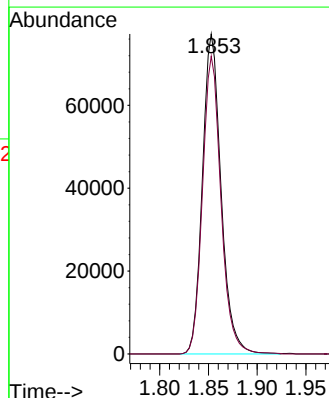
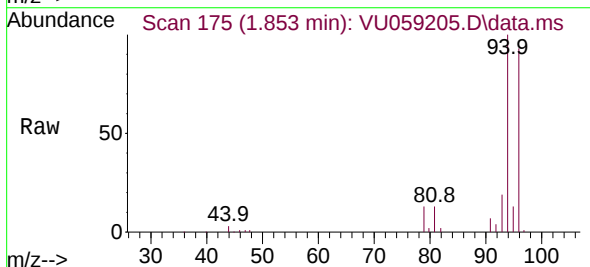
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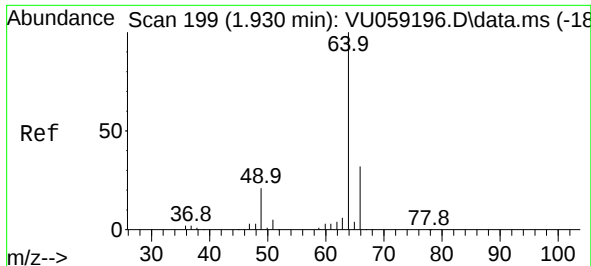
Tgt Ion: 94 Resp: 102864

Ion Ratio Lower Upper

94 100

96 93.0 67.1 124.7

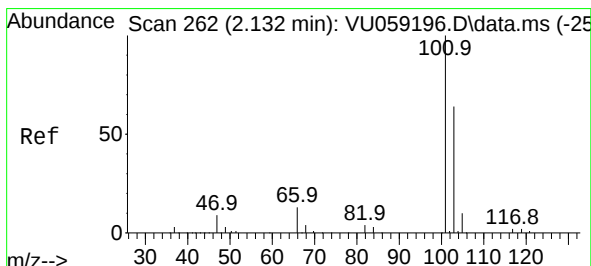
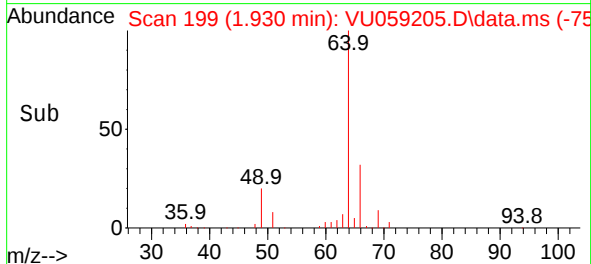
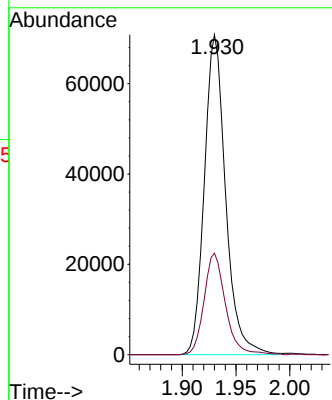
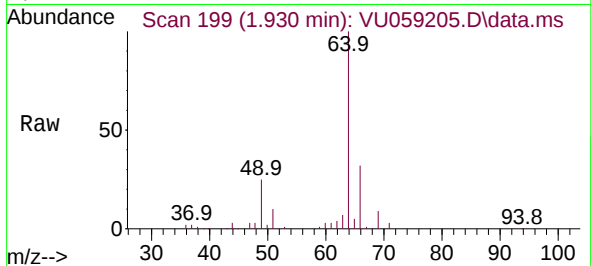




#8
Chloroethane
Concen: 45.887 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

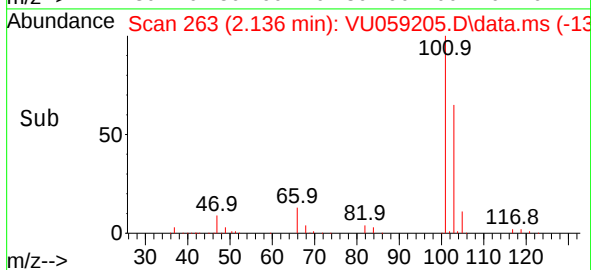
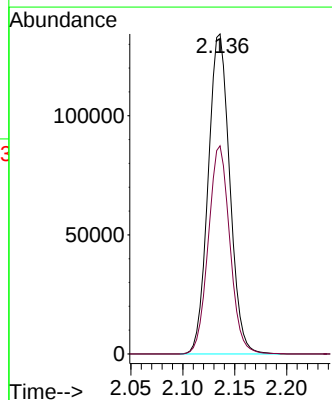
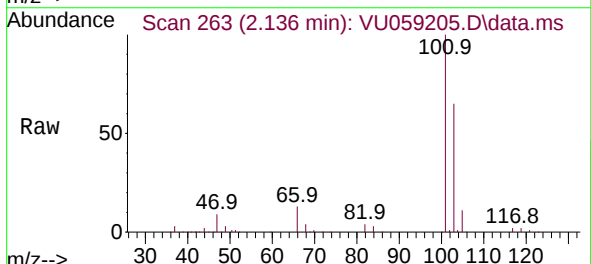
Instrument :
MSVOA_U
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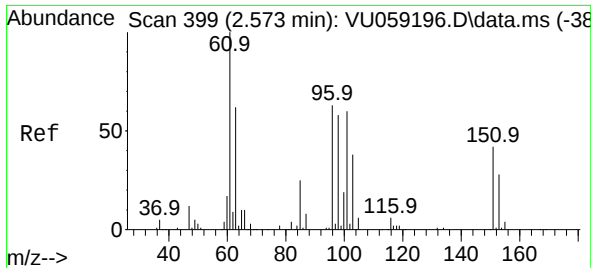
Tgt Ion: 64 Resp: 97489
Ion Ratio Lower Upper
64 100
66 31.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 48.979 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

Tgt Ion:101 Resp: 194180
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.6

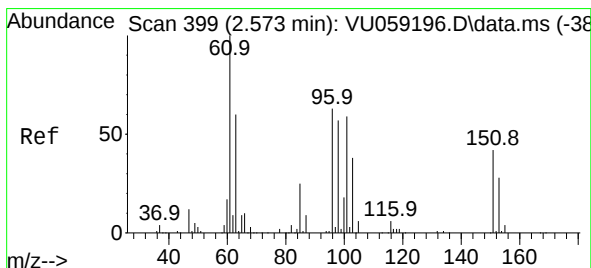
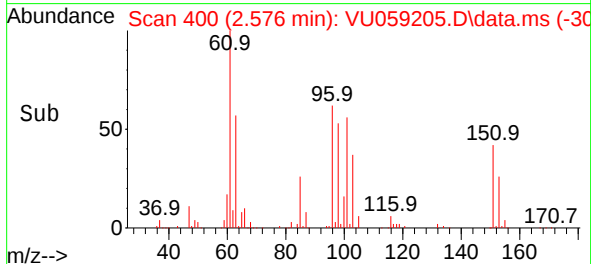
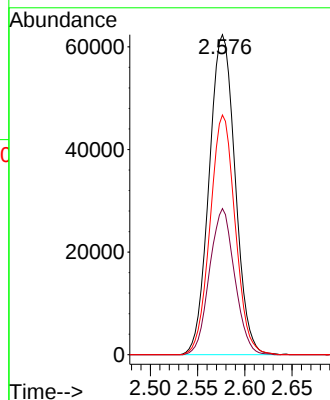
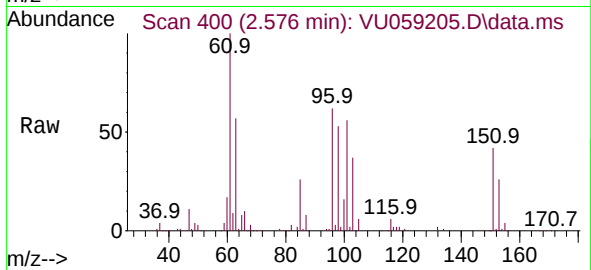




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.857 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

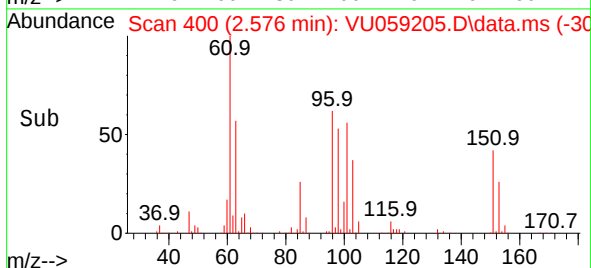
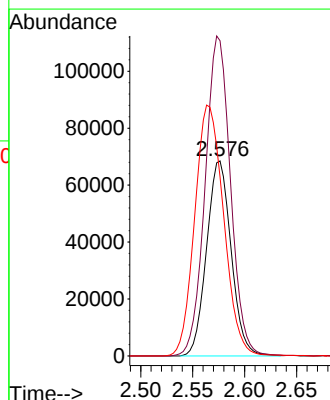
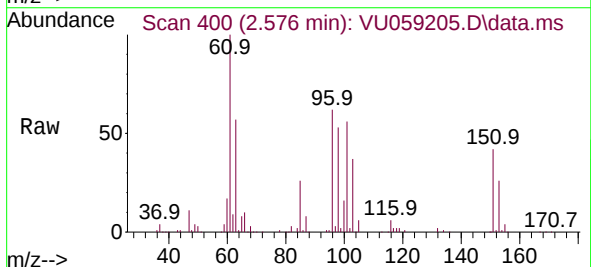
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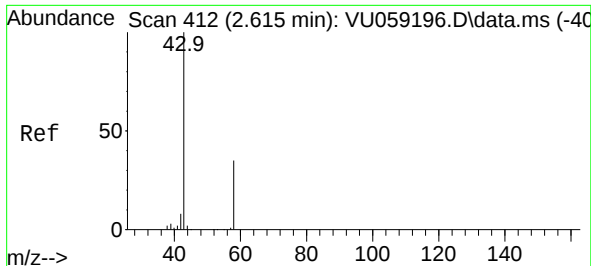
Tgt Ion:101 Resp: 119617
Ion Ratio Lower Upper
101 100
85 44.1 36.7 55.1
151 72.4 52.2 78.2



#12
1,1-Dichloroethene
Concen: 53.821 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

Tgt Ion: 96 Resp: 112600
Ion Ratio Lower Upper
96 100
61 161.6 126.3 234.6
63 91.8 78.7 146.1





#13

Acetone

Concen: 89.628 ug/L

RT: 2.615 min Scan# 412

Delta R.T. 0.000 min

Lab File: VU059205.D

Acq: 10 Jun 2024 15:12

Instrument :

MSVOA_U

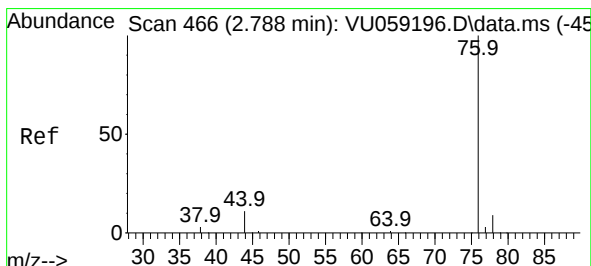
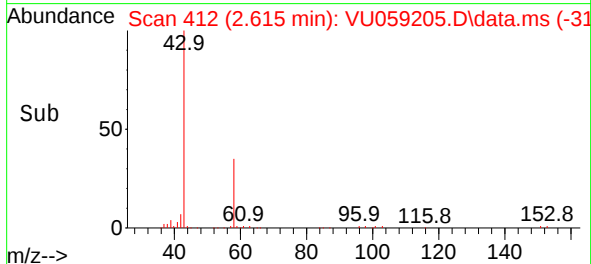
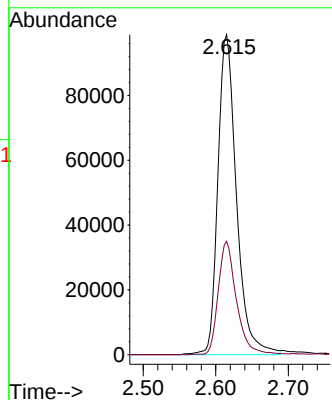
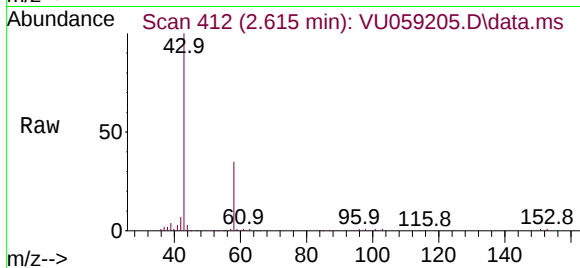
ClientSampleId :

Tgt Ion: 43 Resp: 176036

Ion Ratio Lower Upper

43 100

58 33.9 0.0 68.8



#14

Carbon disulfide

Concen: 48.140 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU059205.D

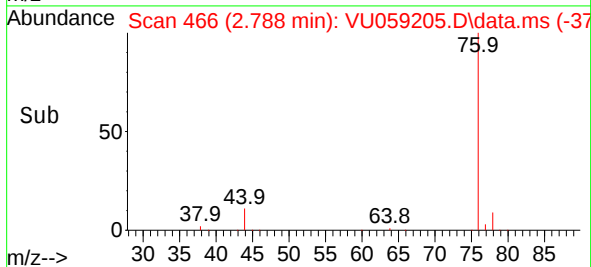
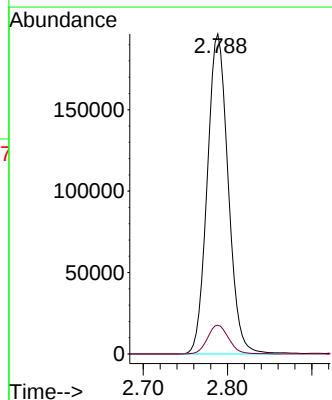
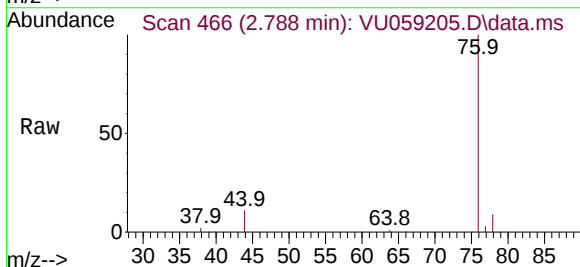
Acq: 10 Jun 2024 15:12

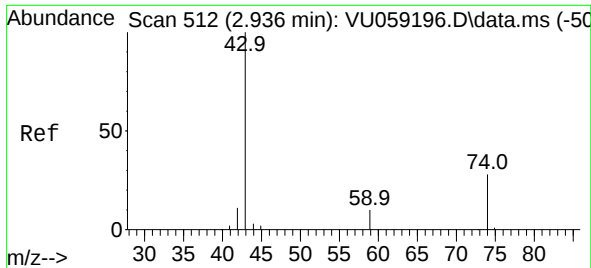
Tgt Ion: 76 Resp: 339195

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8





#15

Methyl Acetate

Concen: 43.200 ug/L

RT: 2.940 min Scan# 512

Delta R.T. 0.003 min

Lab File: VU059205.D

Acq: 10 Jun 2024 15:12

Instrument :

MSVOA_U

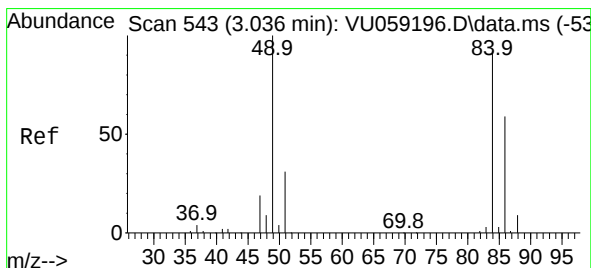
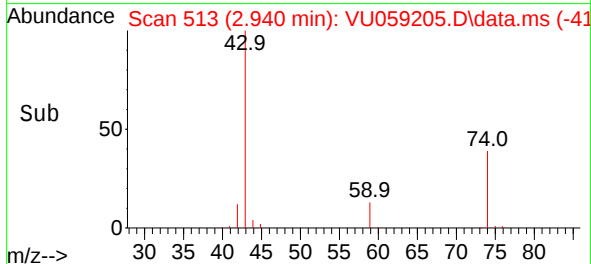
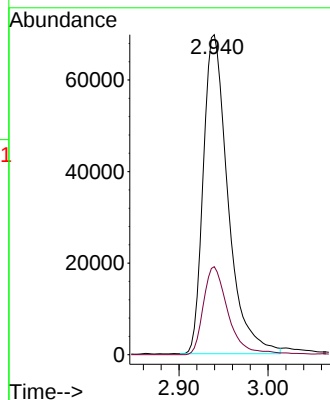
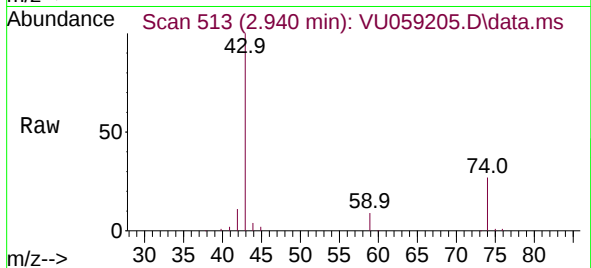
ClientSampleId :

Tgt Ion: 43 Resp: 134400

Ion Ratio Lower Upper

43 100

74 26.9 20.8 31.2



#16

Methylene chloride

Concen: 51.098 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU059205.D

Acq: 10 Jun 2024 15:12

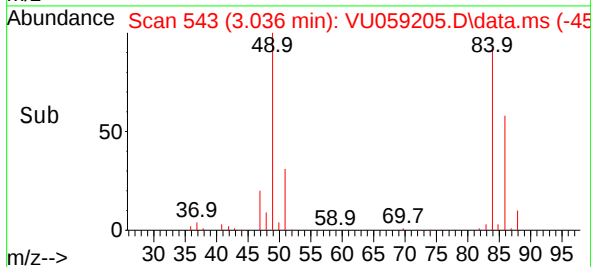
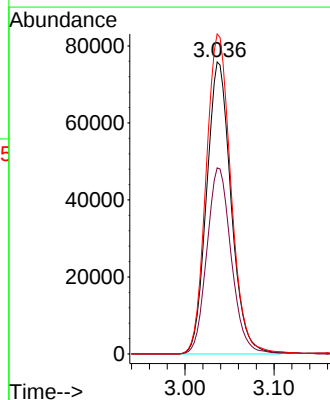
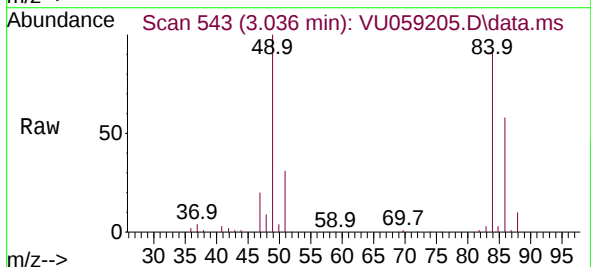
Tgt Ion: 84 Resp: 144649

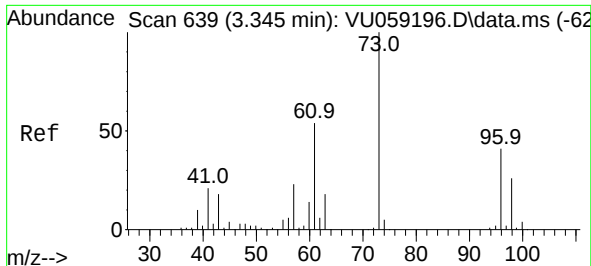
Ion Ratio Lower Upper

84 100

86 63.7 44.9 83.3

49 109.6 87.5 162.5

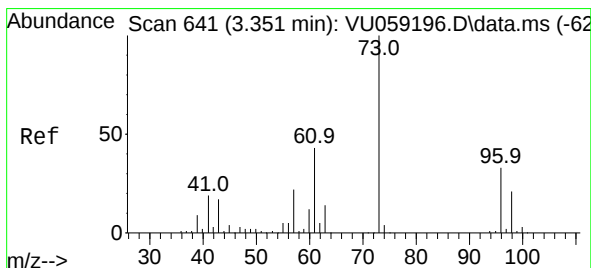
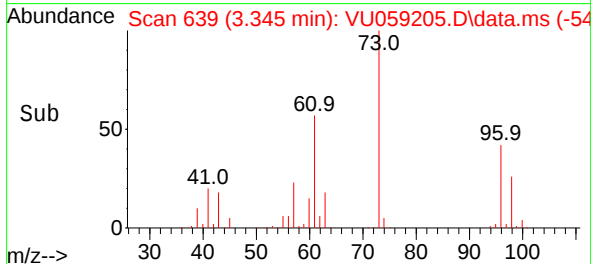
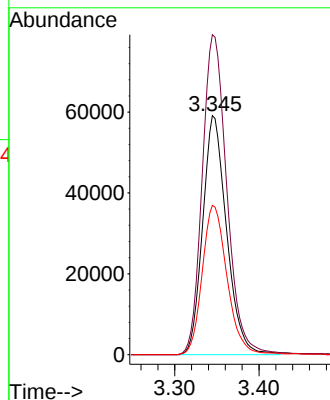
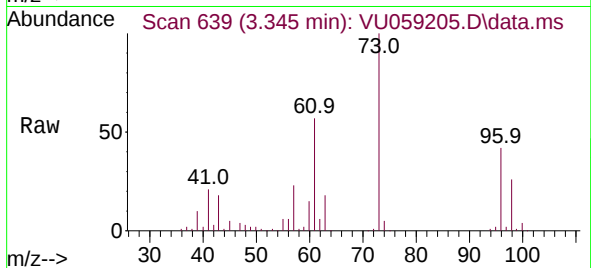




#17
trans-1,2-Dichloroethene
Concen: 51.803 ug/L
RT: 3.345 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

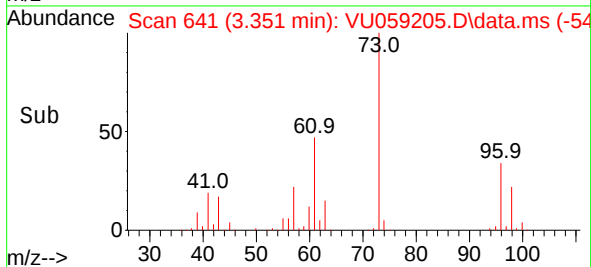
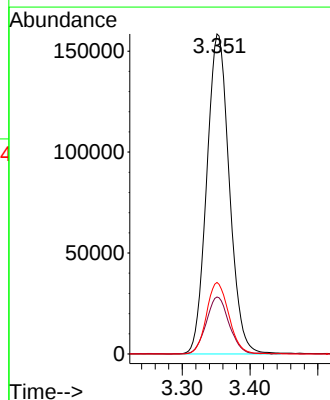
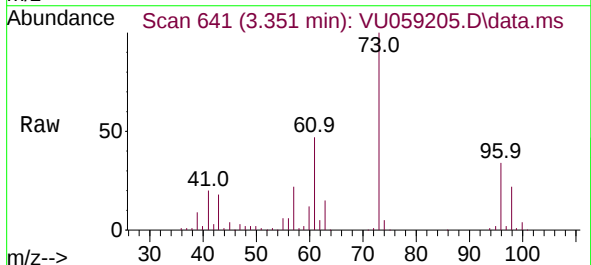
Instrument :
MSVOA_U
ClientSampleId :

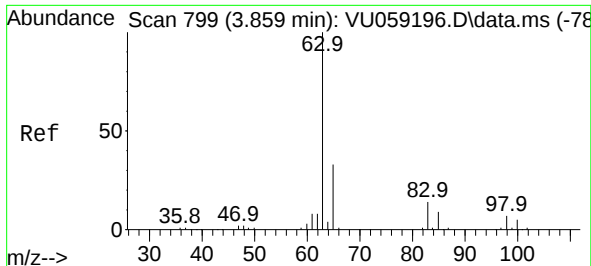
Tgt Ion: 96 Resp: 116976
Ion Ratio Lower Upper
96 100
61 133.9 103.5 192.3
98 62.4 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 49.990 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

Tgt Ion: 73 Resp: 366677
Ion Ratio Lower Upper
73 100
43 17.7 15.6 23.4
57 22.0 18.6 28.0





#19

1,1-Dichloroethane

Concen: 47.500 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU059205.D

Acq: 10 Jun 2024 15:12

Instrument :

MSVOA_U

ClientSampleId :

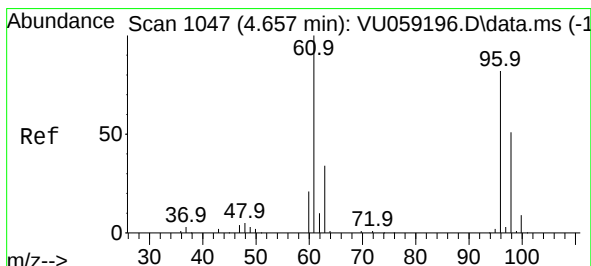
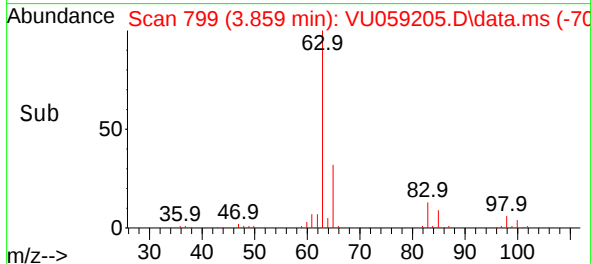
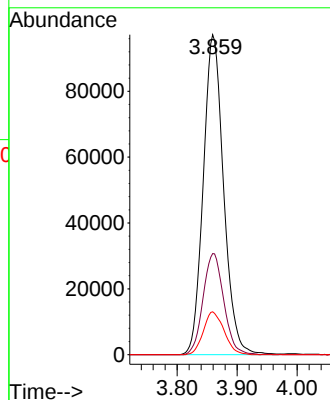
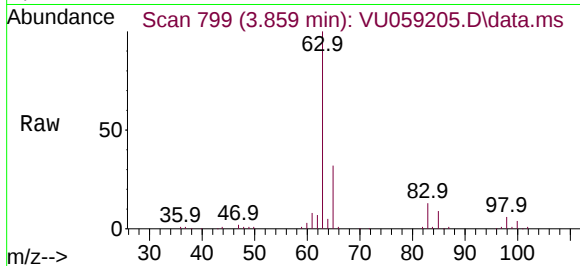
Tgt Ion: 63 Resp: 229909

Ion Ratio Lower Upper

63 100

65 31.6 21.3 39.5

83 13.4 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 52.355 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU059205.D

Acq: 10 Jun 2024 15:12

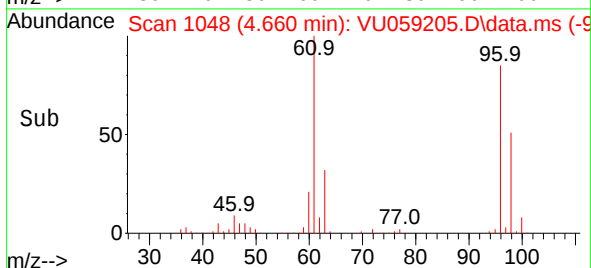
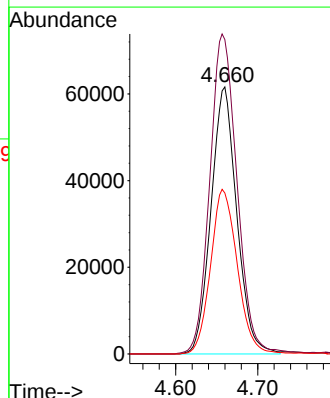
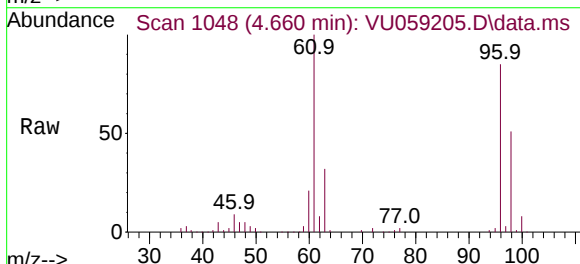
Tgt Ion: 96 Resp: 134720

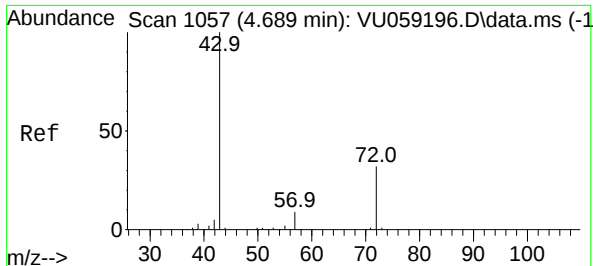
Ion Ratio Lower Upper

96 100

61 117.7 96.2 178.6

98 60.3 45.6 84.6

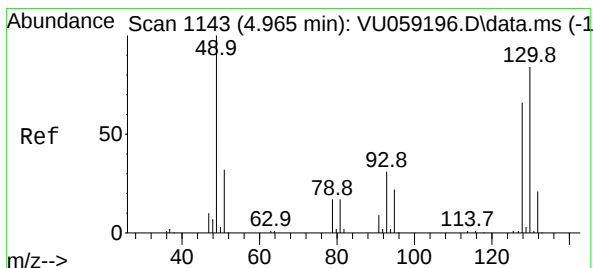
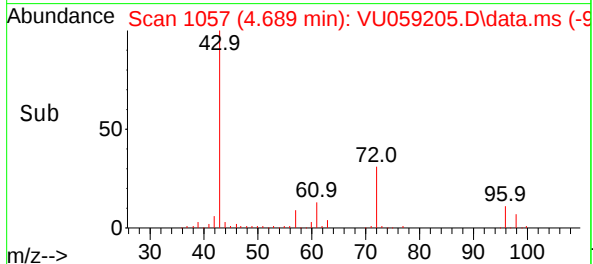
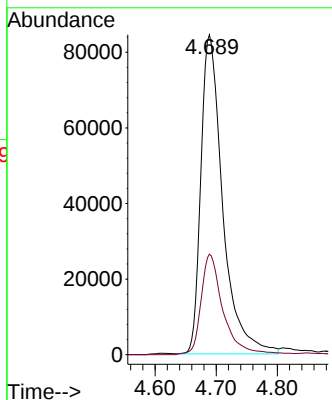
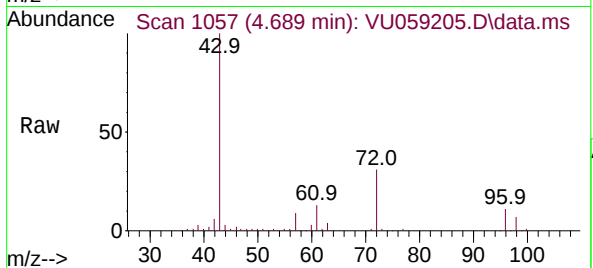




#22
2-Butanone
Concen: 88.007 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

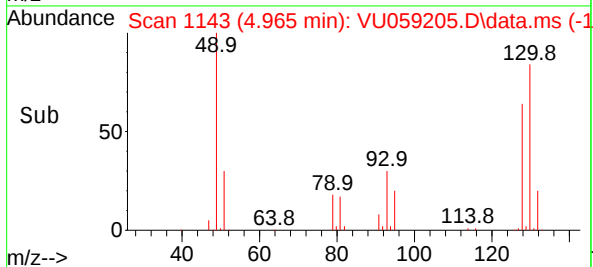
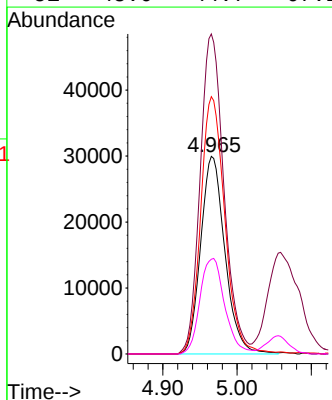
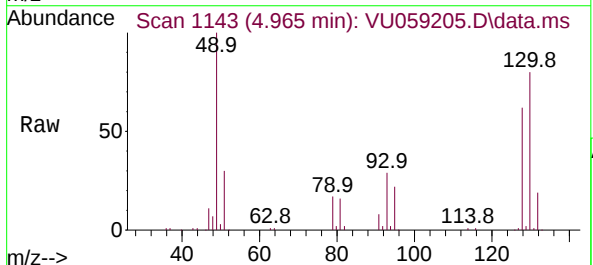
Instrument :
MSVOA_U
ClientSampleId :

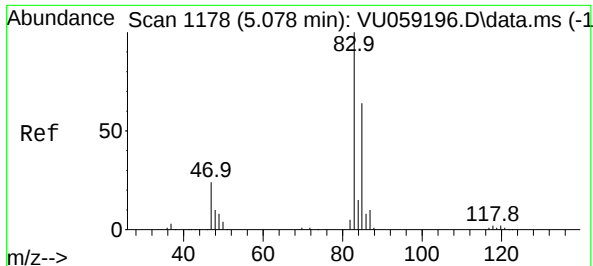
Tgt Ion: 43 Resp: 209270
Ion Ratio Lower Upper
43 100
72 31.7 14.2 42.8



#23
Bromochloromethane
Concen: 52.149 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

Tgt Ion:128 Resp: 67971
Ion Ratio Lower Upper
128 100
49 162.0 128.4 238.4
130 130.2 86.9 161.3
51 48.0 44.7 67.1





#25

Chloroform

Concen: 50.196 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU059205.D

Acq: 10 Jun 2024 15:12

Instrument :

MSVOA_U

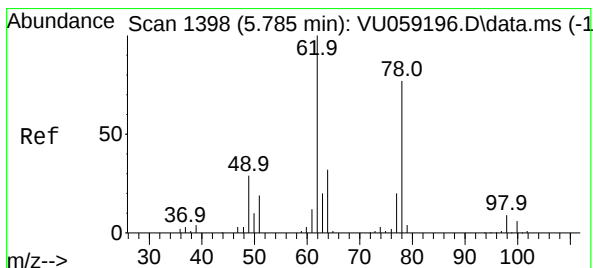
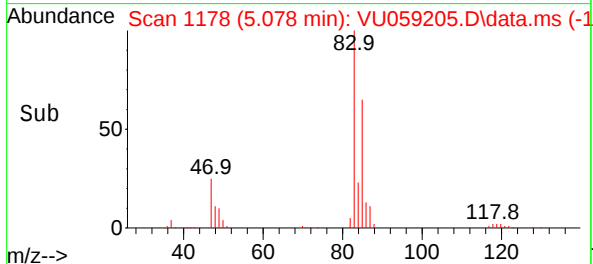
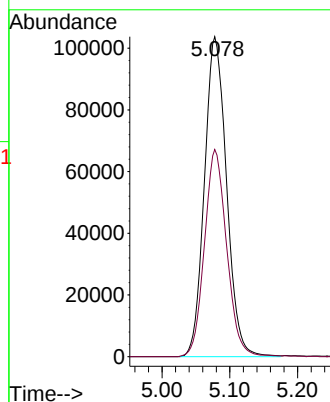
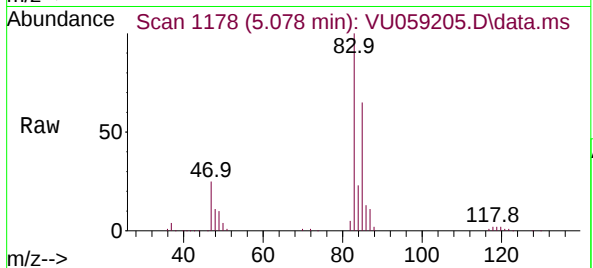
ClientSampleId :

Tgt Ion: 83 Resp: 235252

Ion Ratio Lower Upper

83 100

85 64.8 46.1 85.7



#27

1,2-Dichloroethane

Concen: 46.375 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU059205.D

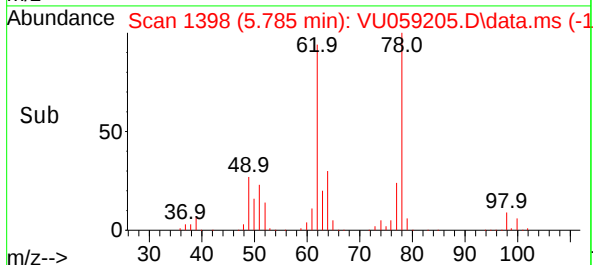
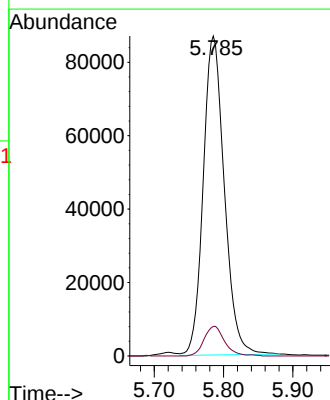
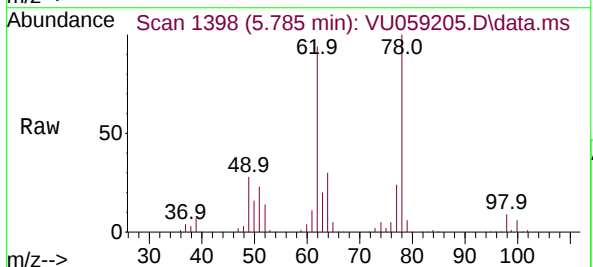
Acq: 10 Jun 2024 15:12

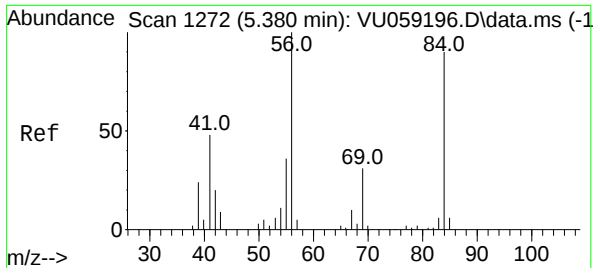
Tgt Ion: 62 Resp: 183609

Ion Ratio Lower Upper

62 100

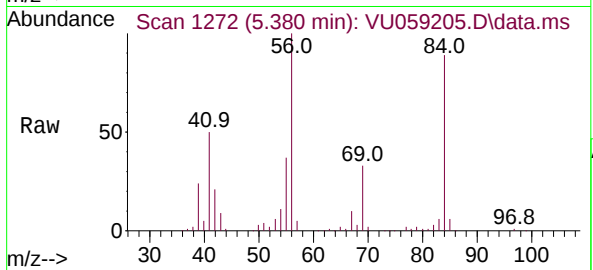
98 9.3 6.9 10.3



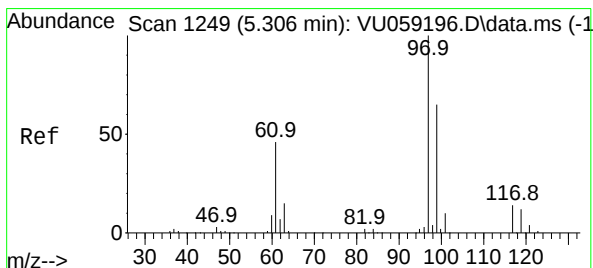
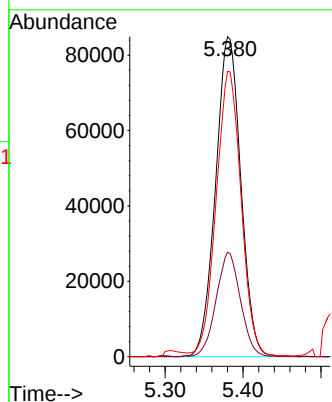
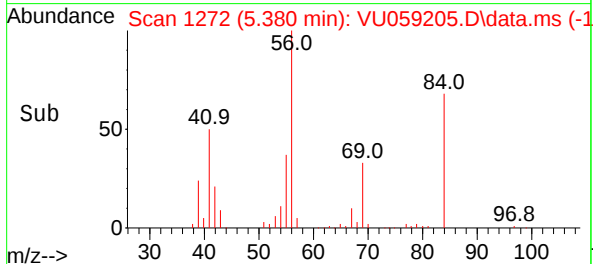


#29
Cyclohexane
Concen: 49.218 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

Instrument :
MSVOA_U
ClientSampleId :

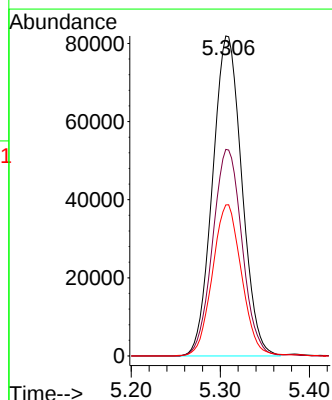
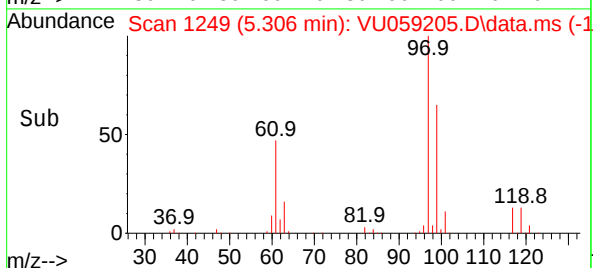
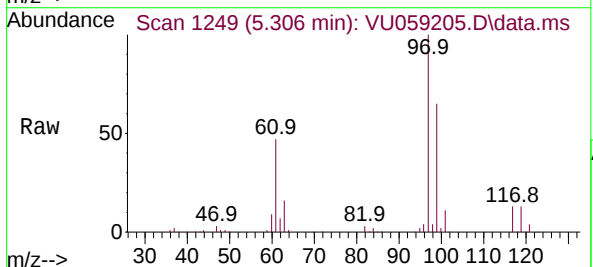


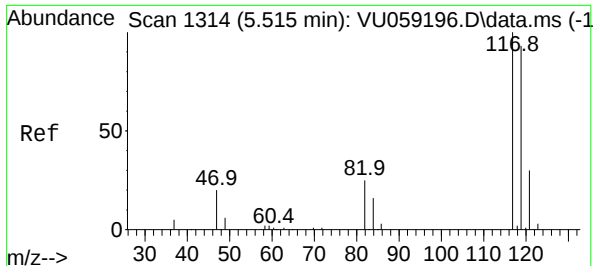
Tgt Ion: 56 Resp: 191113
Ion Ratio Lower Upper
56 100
69 31.4 24.6 37.0
84 87.4 67.4 101.0



#30
1,1,1-Trichloroethane
Concen: 49.413 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

Tgt Ion: 97 Resp: 186863
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 47.1 39.1 58.7

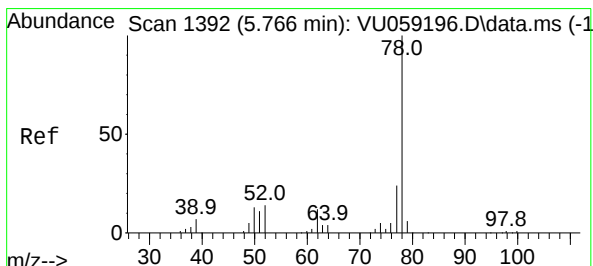
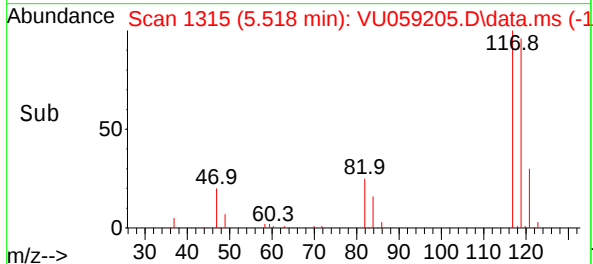
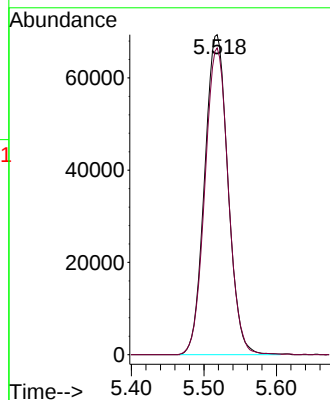
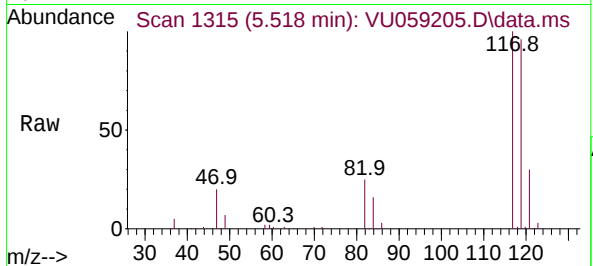




#31
Carbon tetrachloride
Concen: 50.526 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

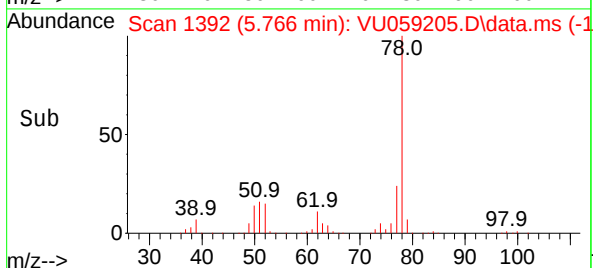
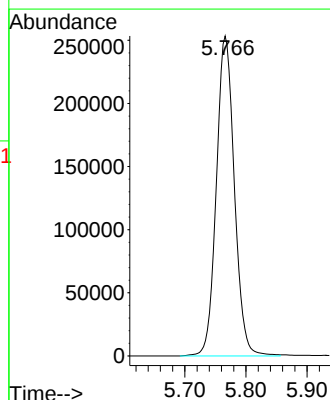
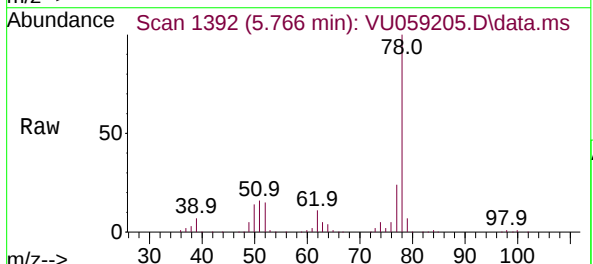
Instrument :
MSVOA_U
ClientSampleId :

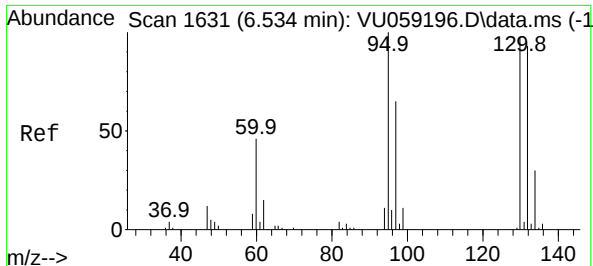
Tgt Ion:117 Resp: 155199
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 49.444 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

Tgt Ion: 78 Resp: 519277

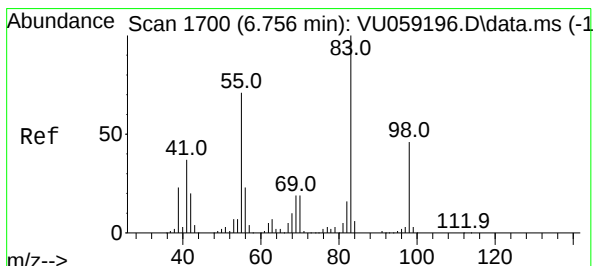
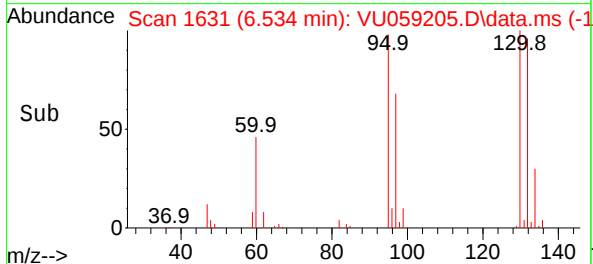
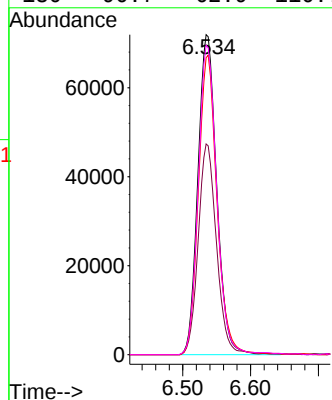
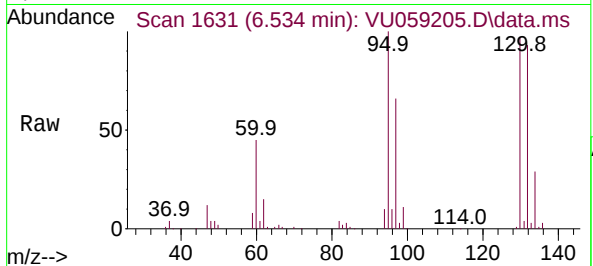




#34
Trichloroethene
Concen: 53.929 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

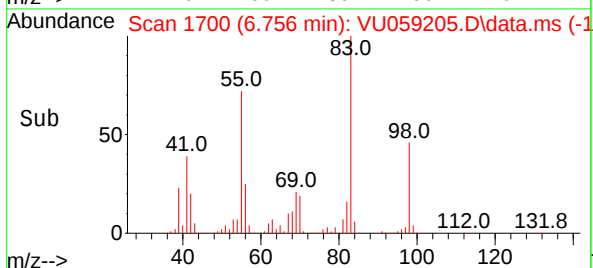
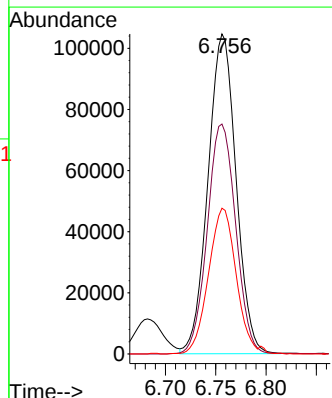
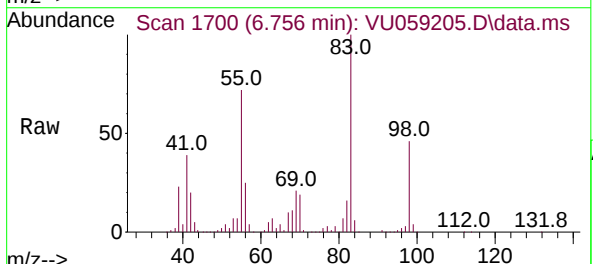
Instrument :
MSVOA_U
ClientSampleId :

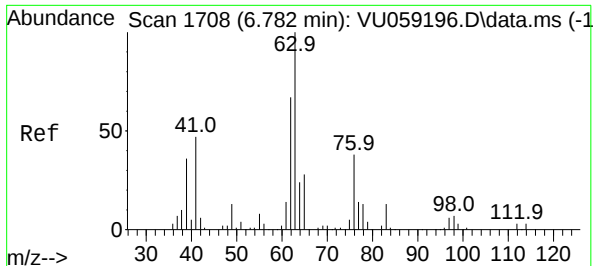
Tgt Ion: 95 Resp: 138684
Ion Ratio Lower Upper
95 100
97 65.8 45.2 84.0
132 92.8 60.6 112.6
130 96.7 62.9 116.7



#35
Methylcyclohexane
Concen: 53.762 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

Tgt Ion: 83 Resp: 203277
Ion Ratio Lower Upper
83 100
55 72.9 63.9 95.9
98 44.6 34.7 52.1

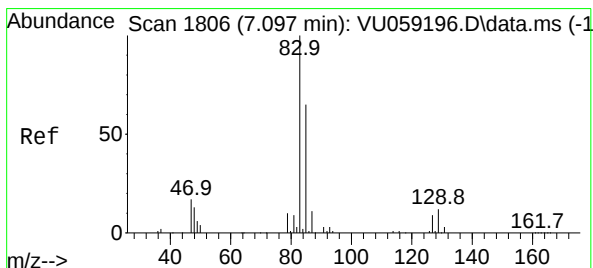
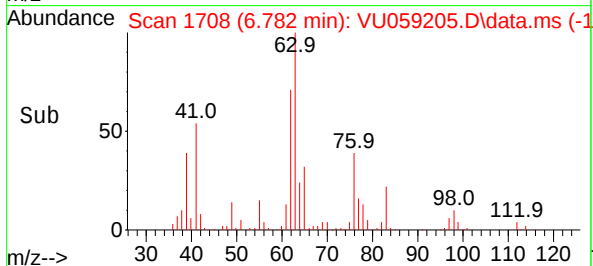
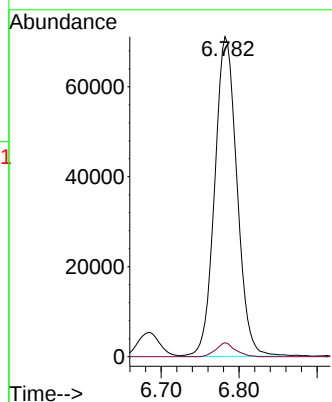
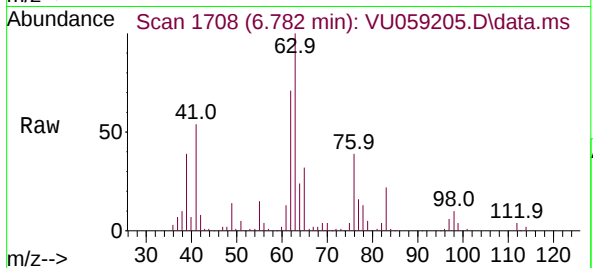




#37
1,2-Dichloropropane
Concen: 47.323 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

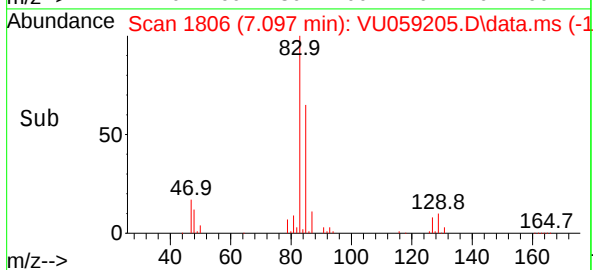
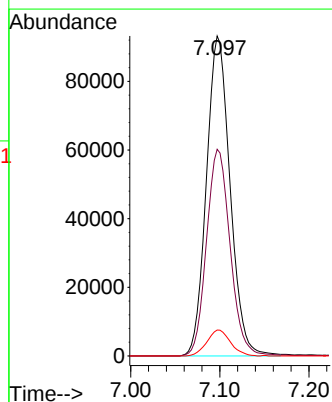
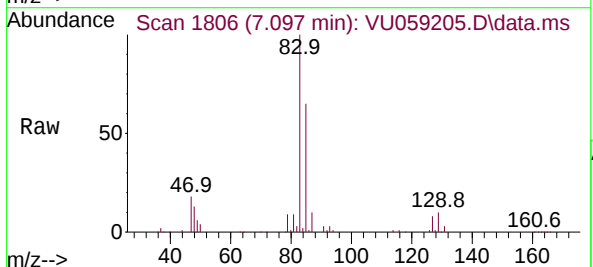
Instrument :
MSVOA_U
ClientSampleId :

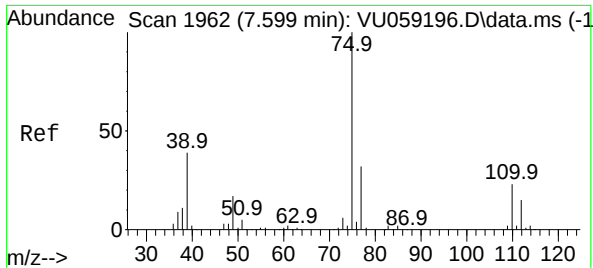
Tgt Ion: 63 Resp: 141127
Ion Ratio Lower Upper
63 100
112 3.8 2.6 4.0



#38
Bromodichloromethane
Concen: 49.586 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

Tgt Ion: 83 Resp: 172254
Ion Ratio Lower Upper
83 100
85 64.6 44.0 81.6
127 9.0 7.0 10.6

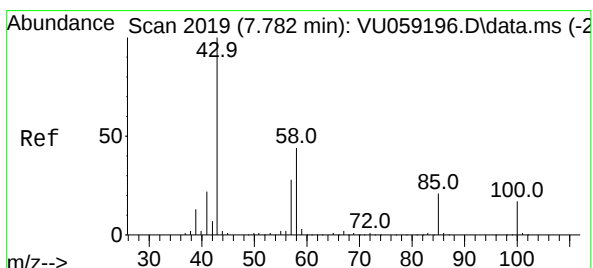
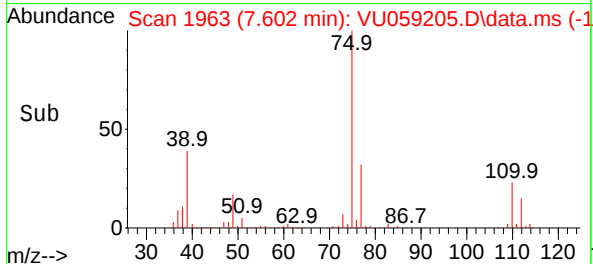
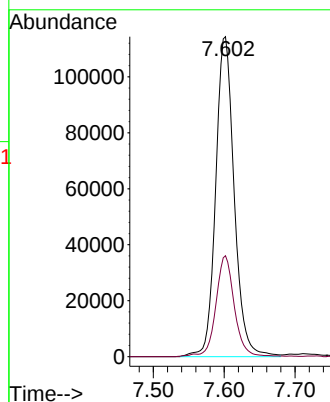
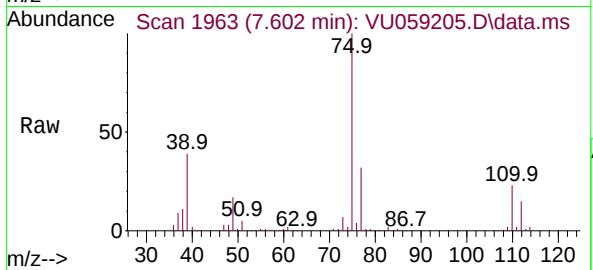




#39
 cis-1,3-Dichloropropene
 Concen: 50.323 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU059205.D
 Acq: 10 Jun 2024 15:12

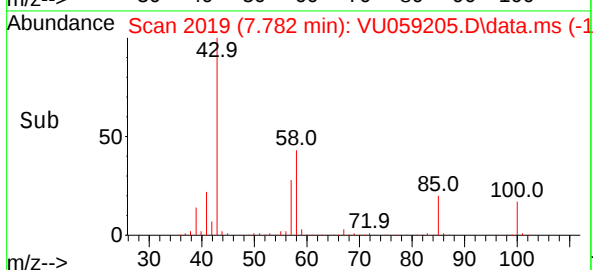
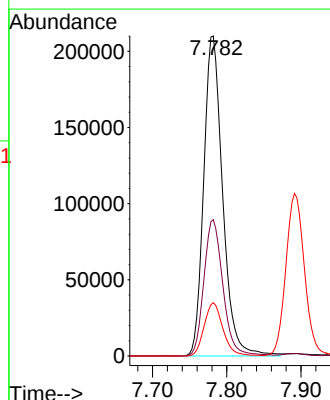
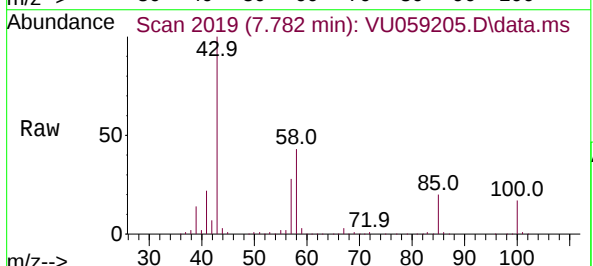
Instrument :
 MSVOA_U
 ClientSampleId :

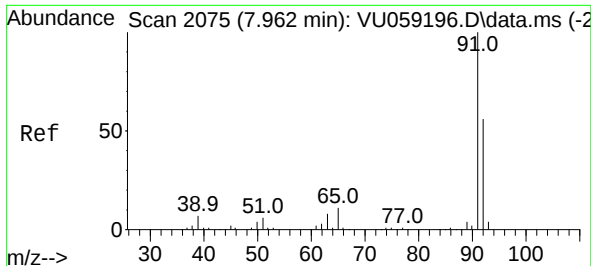
Tgt Ion: 75 Resp: 207645
 Ion Ratio Lower Upper
 75 100
 77 31.5 21.2 39.4



#40
 4-Methyl-2-pentanone
 Concen: 95.238 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU059205.D
 Acq: 10 Jun 2024 15:12

Tgt Ion: 43 Resp: 372353
 Ion Ratio Lower Upper
 43 100
 58 42.9 33.7 50.5
 100 16.4 11.4 17.0





#42

Toluene

Concen: 53.005 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU059205.D

Acq: 10 Jun 2024 15:12

Instrument :

MSVOA_U

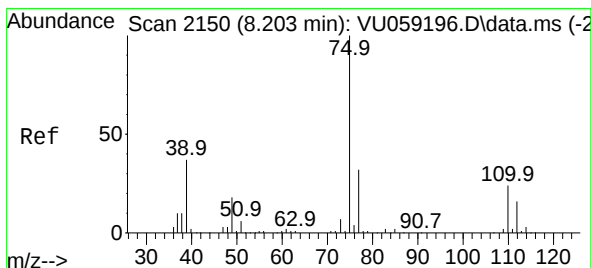
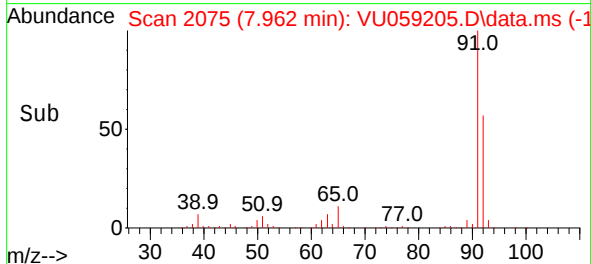
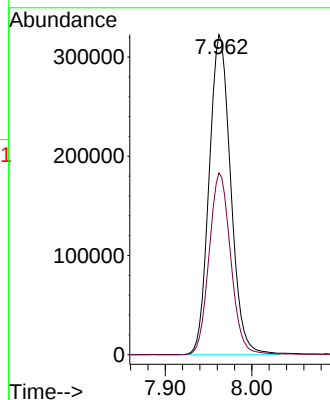
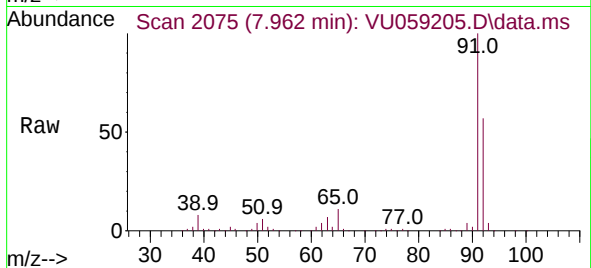
ClientSampleId :

Tgt Ion: 91 Resp: 558786

Ion Ratio Lower Upper

91 100

92 56.8 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 50.188 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU059205.D

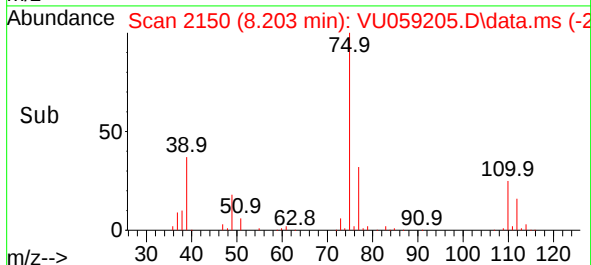
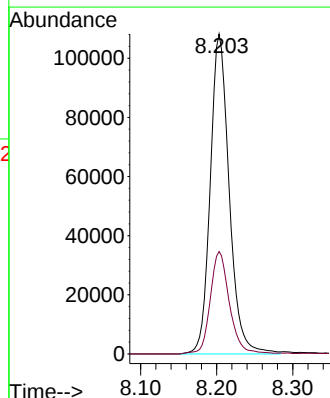
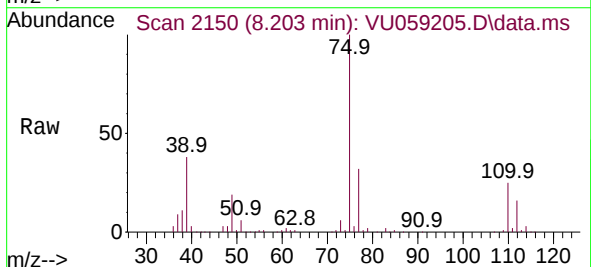
Acq: 10 Jun 2024 15:12

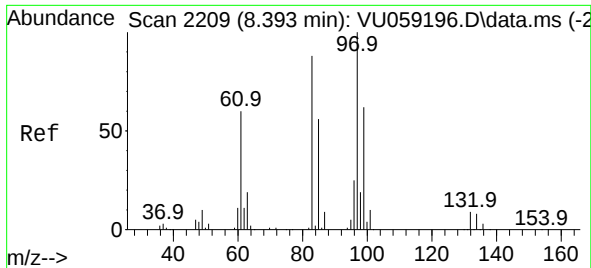
Tgt Ion: 75 Resp: 187478

Ion Ratio Lower Upper

75 100

77 32.0 22.0 40.8

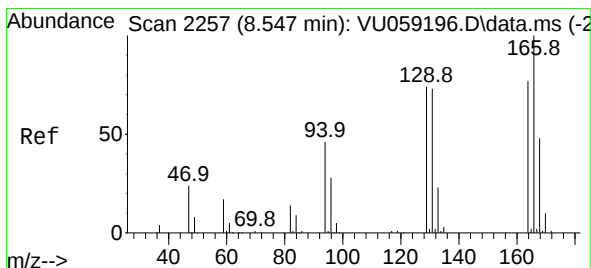
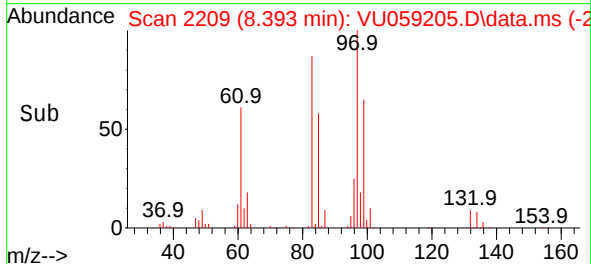
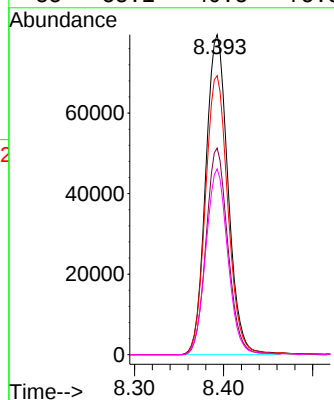
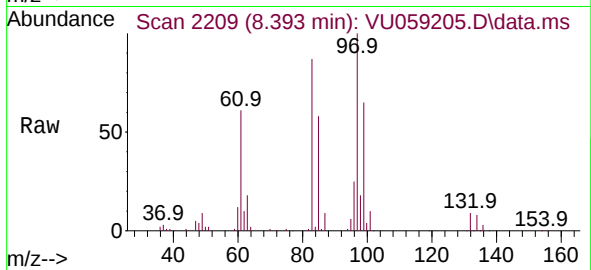




#45
1,1,2-Trichloroethane
Concen: 51.476 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

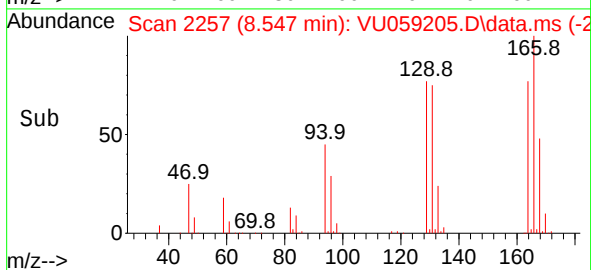
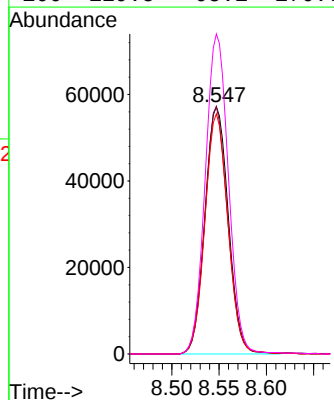
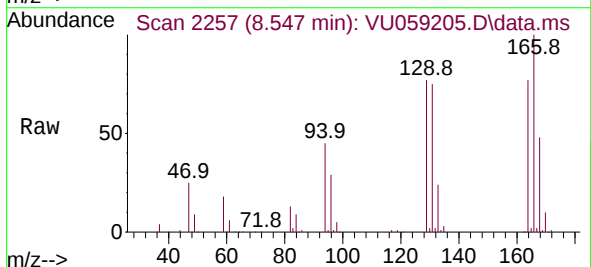
Instrument :
MSVOA_U
ClientSampleId :

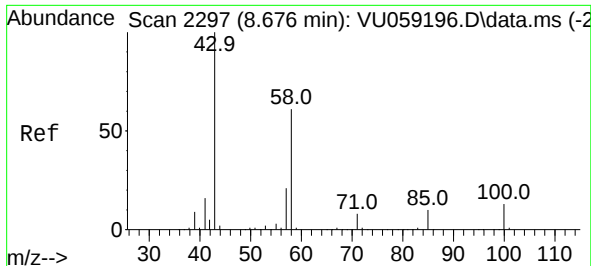
Tgt Ion:	97	Resp:	138025
Ion	Ratio	Lower	Upper
97	100		
99	64.6	44.0	81.6
83	87.2	63.6	118.2
85	58.1	40.8	75.8



#46
Tetrachloroethene
Concen: 57.696 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

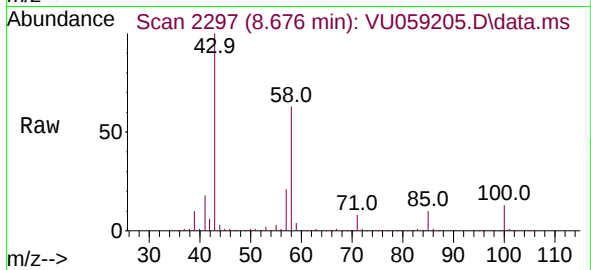
Tgt Ion:	164	Resp:	98828
Ion	Ratio	Lower	Upper
164	100		
129	100.1	74.5	138.5
131	97.2	70.6	131.0
166	129.5	95.1	176.7



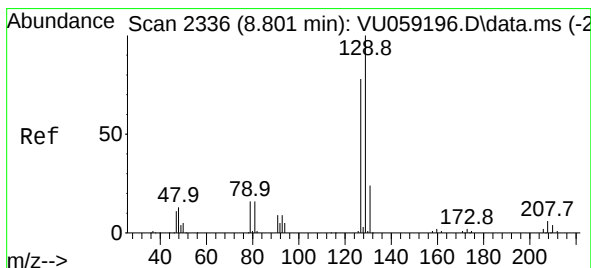
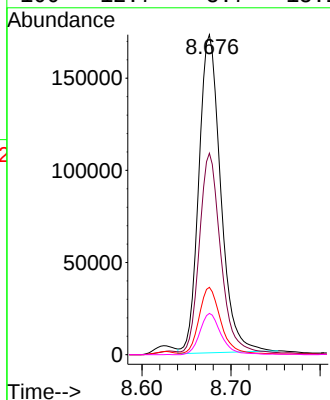
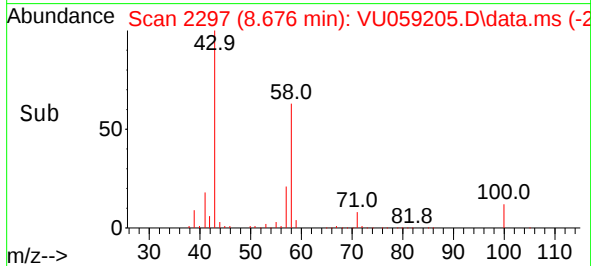


#48
2-Hexanone
Concen: 89.243 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

Instrument :
MSVOA_U
ClientSampleId :

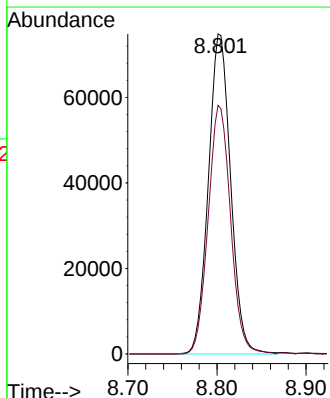
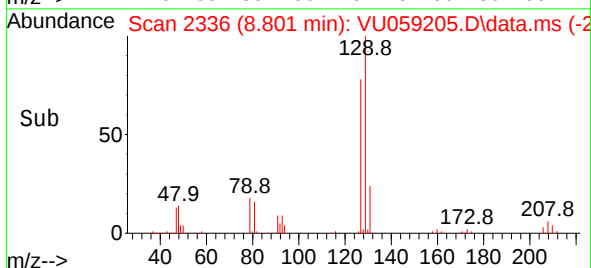
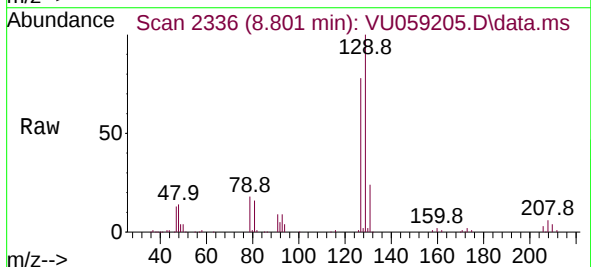


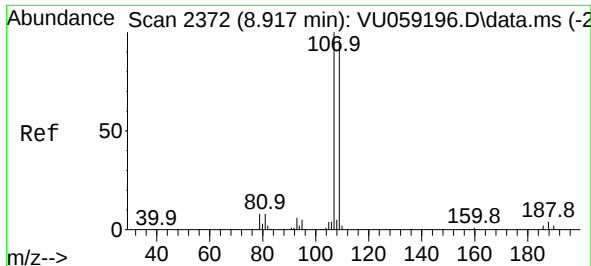
Tgt Ion:	43	Resp:	294273
Ion	Ratio	Lower	Upper
43	100		
58	61.5	45.9	68.9
57	20.5	16.3	24.5
100	12.7	8.7	13.1



#49
Dibromochloromethane
Concen: 53.606 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

Tgt Ion:	129	Resp:	129899
Ion	Ratio	Lower	Upper
129	100		
127	77.7	53.3	98.9

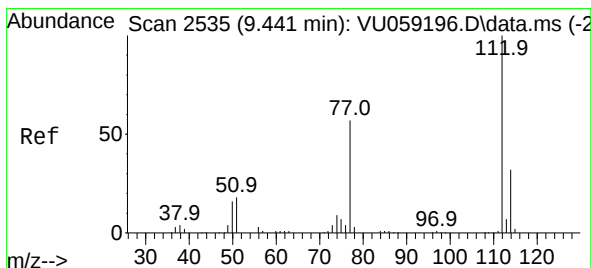
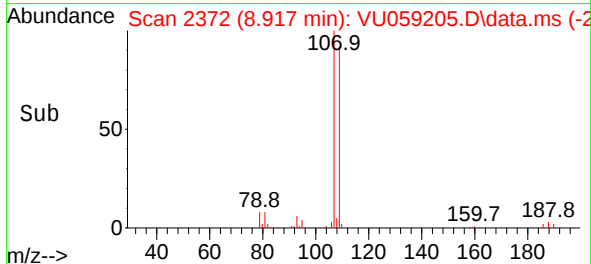
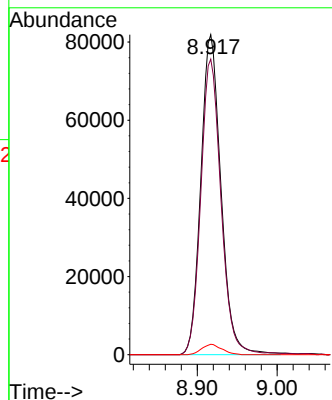
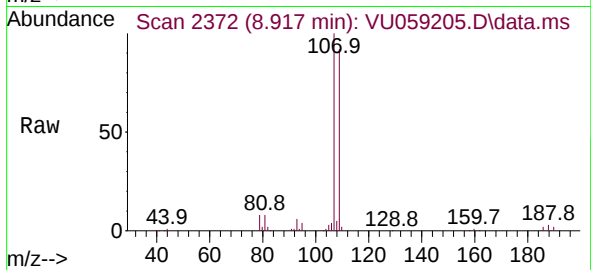




#50
1,2-Dibromoethane
Concen: 51.921 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

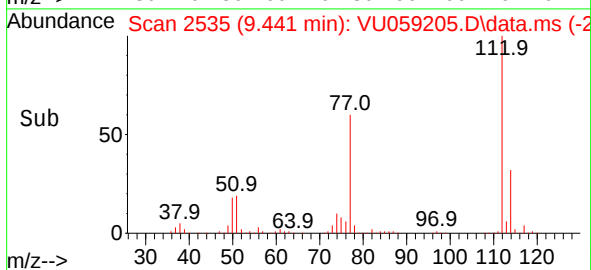
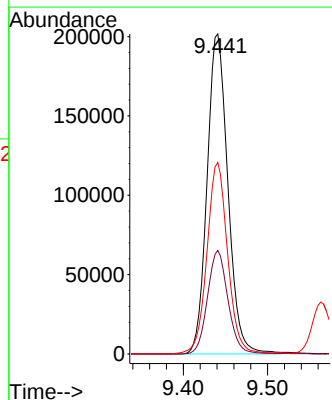
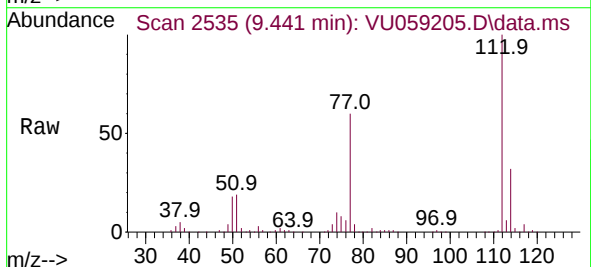
Instrument :
MSVOA_U
ClientSampleId :

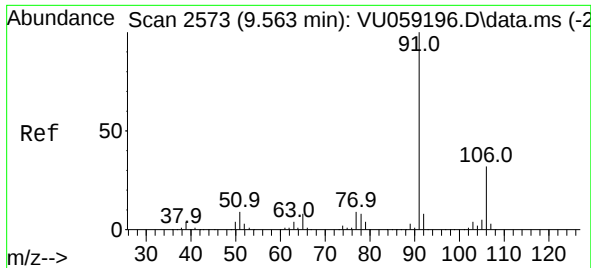
Tgt Ion:107 Resp: 143610
Ion Ratio Lower Upper
107 100
109 92.3 67.8 125.8
188 3.2 2.5 3.7



#51
Chlorobenzene
Concen: 54.504 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

Tgt Ion:112 Resp: 346791
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 59.9 49.8 74.6

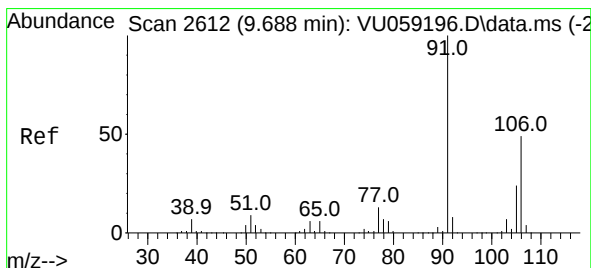
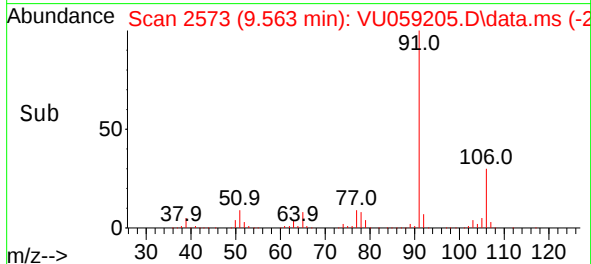
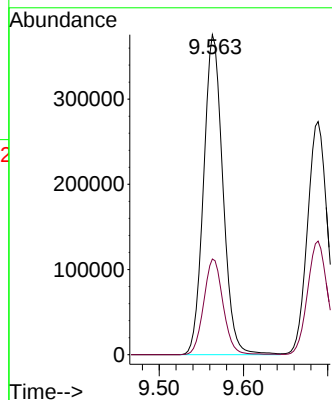
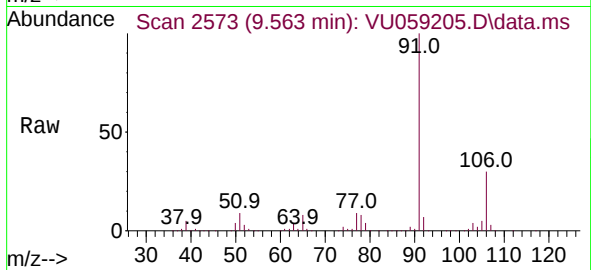




#52
Ethylbenzene
Concen: 55.133 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

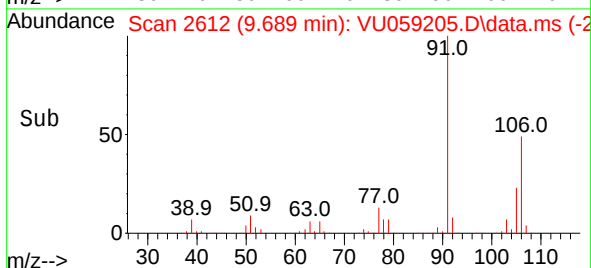
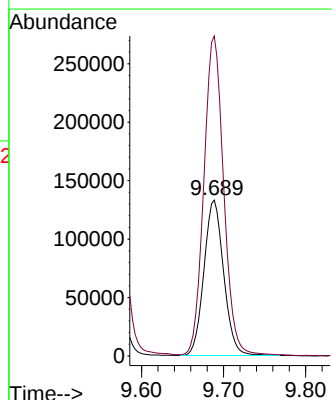
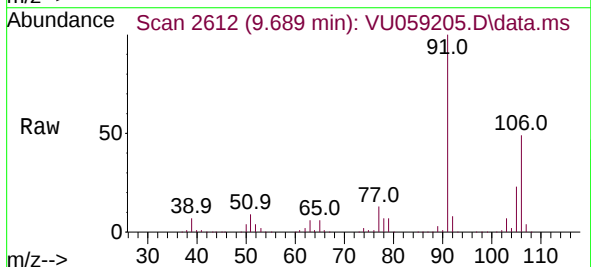
Instrument :
MSVOA_U
ClientSampleId :

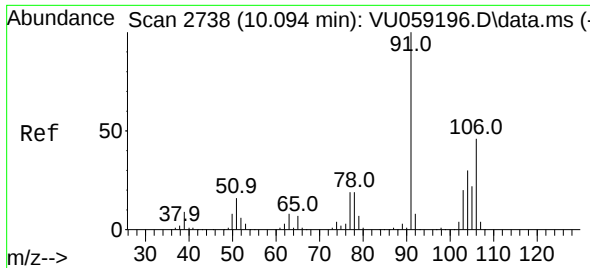
Tgt Ion: 91 Resp: 599193
Ion Ratio Lower Upper
91 100
106 29.9 21.0 39.0



#53
m,p-Xylene
Concen: 55.573 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

Tgt Ion: 106 Resp: 221979
Ion Ratio Lower Upper
106 100
91 205.4 146.4 272.0

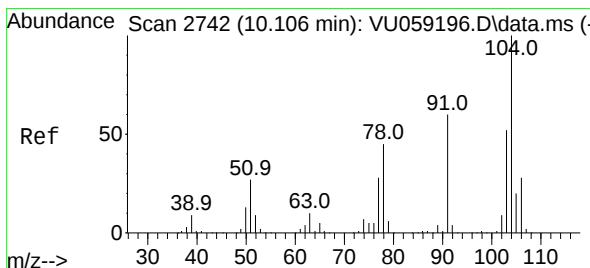
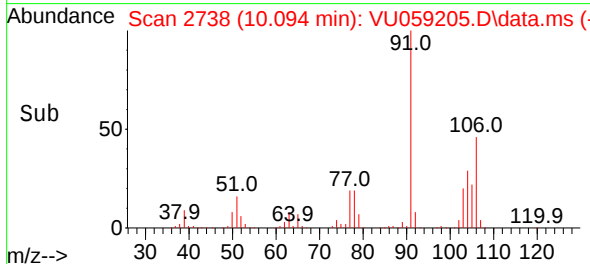
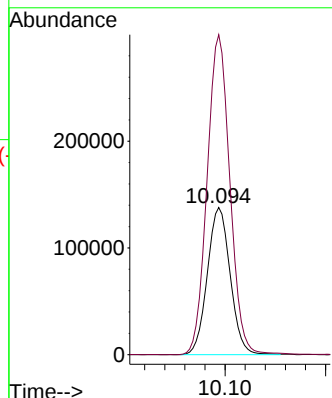
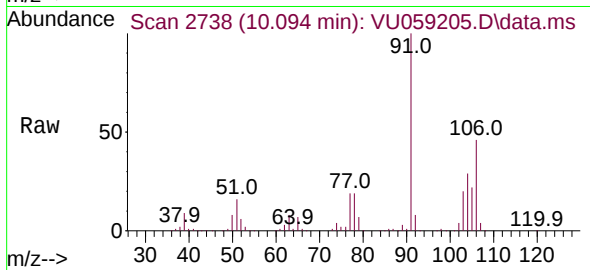




#54
o-Xylene
Concen: 56.327 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

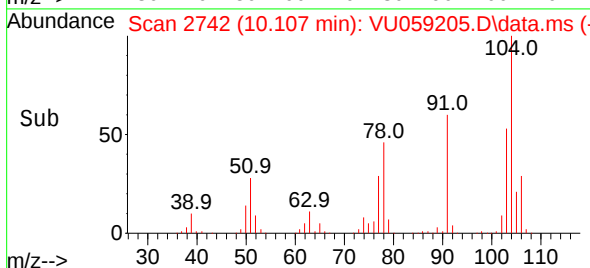
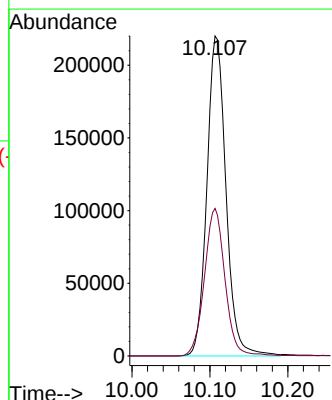
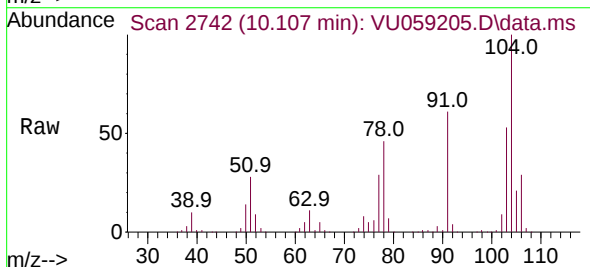
Instrument :
MSVOA_U
ClientSampleId :

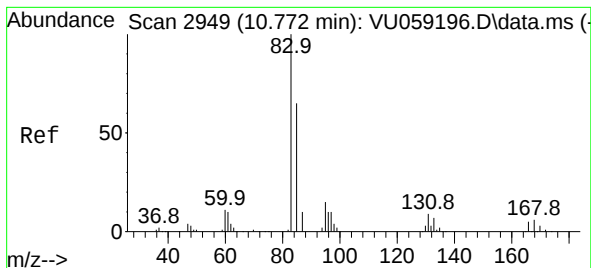
Tgt Ion:106 Resp: 218046
Ion Ratio Lower Upper
106 100
91 217.4 156.7 290.9



#55
Styrene
Concen: 57.023 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

Tgt Ion:104 Resp: 375212
Ion Ratio Lower Upper
104 100
78 46.1 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 46.710 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU059205.D

Acq: 10 Jun 2024 15:12

Instrument :

MSVOA_U

ClientSampleId :

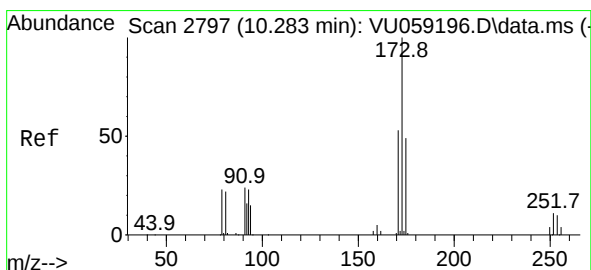
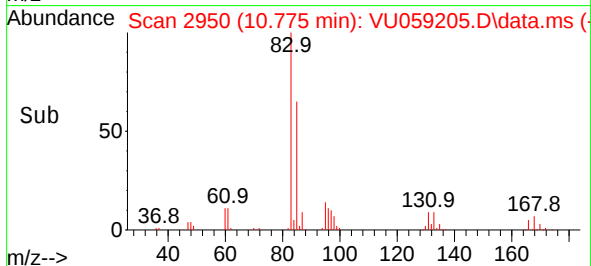
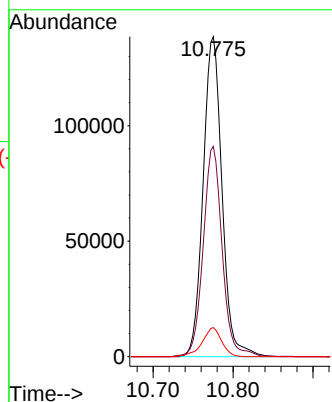
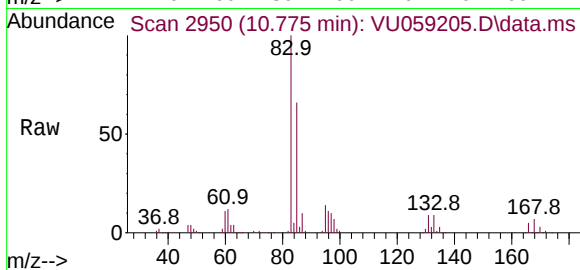
Tgt Ion: 83 Resp: 228155

Ion Ratio Lower Upper

83 100

85 65.7 46.1 85.7

131 9.1 7.0 10.4



#59

Bromoform

Concen: 50.467 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU059205.D

Acq: 10 Jun 2024 15:12

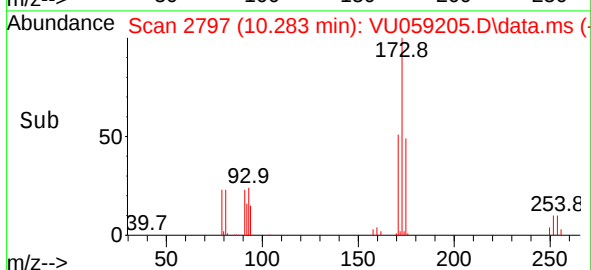
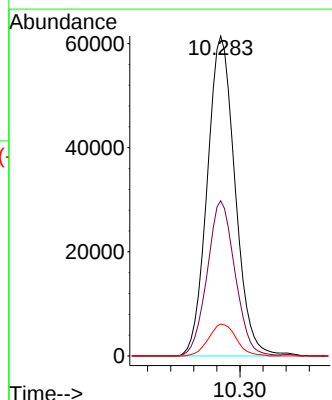
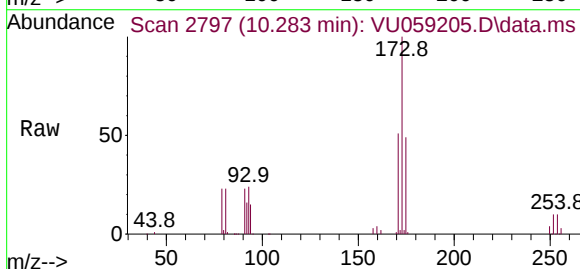
Tgt Ion:173 Resp: 102569

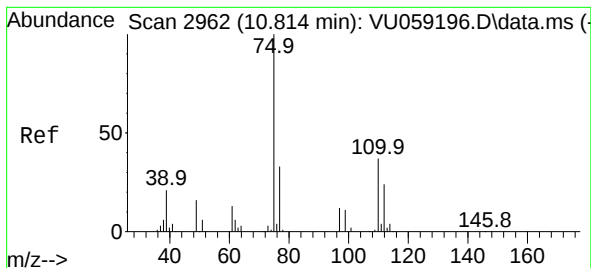
Ion Ratio Lower Upper

173 100

175 48.6 39.0 58.6

254 9.9 7.5 11.3





#60

1,2,3-Trichloropropane

Concen: 43.044 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU059205.D

Acq: 10 Jun 2024 15:12

Instrument :

MSVOA_U

ClientSampleId :

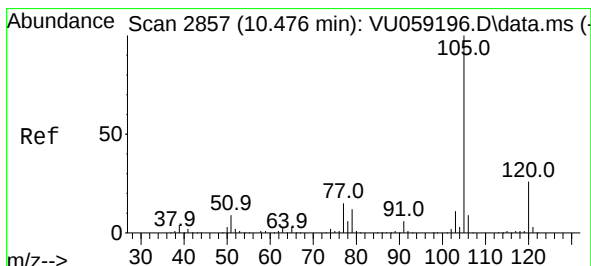
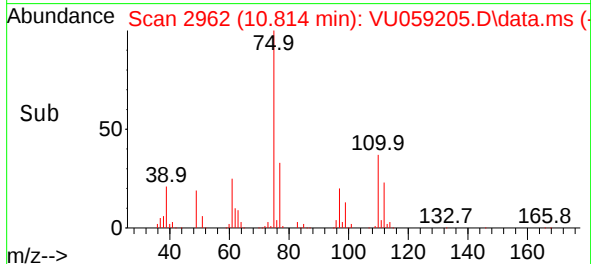
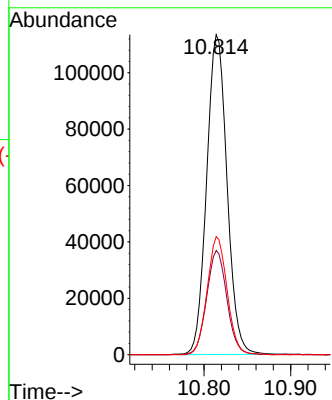
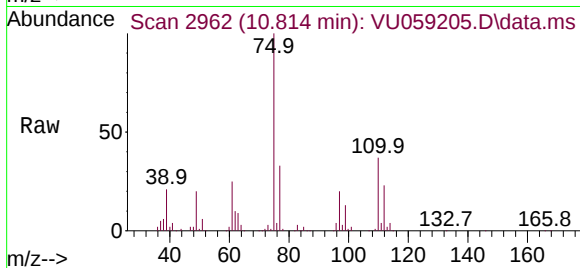
Tgt Ion: 75 Resp: 185542

Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.2

110 36.1 28.4 42.6



#61

Isopropylbenzene

Concen: 52.994 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU059205.D

Acq: 10 Jun 2024 15:12

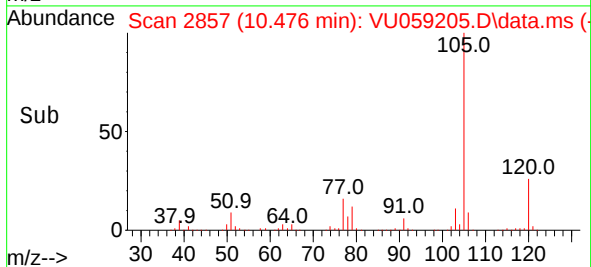
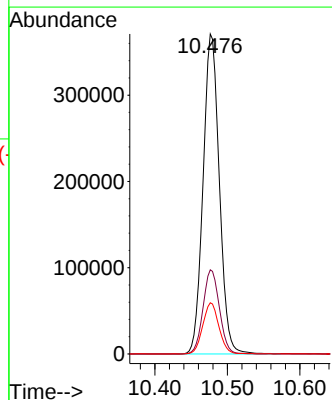
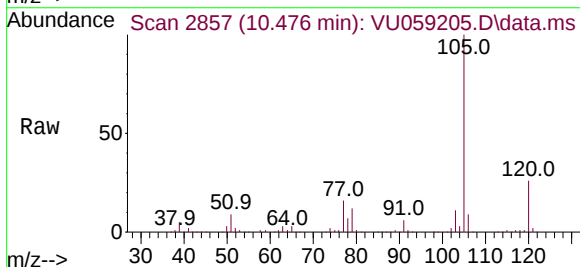
Tgt Ion:105 Resp: 577908

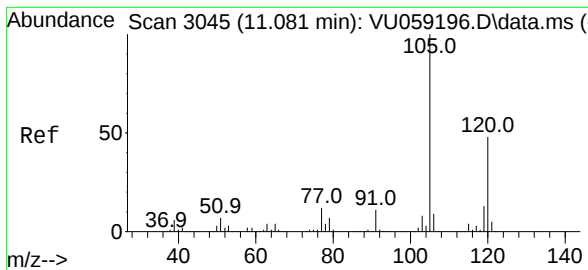
Ion Ratio Lower Upper

105 100

120 26.4 20.3 30.5

77 15.9 13.4 20.0

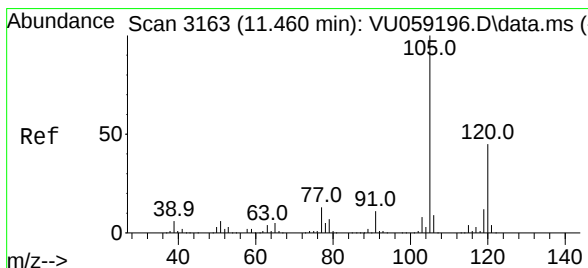
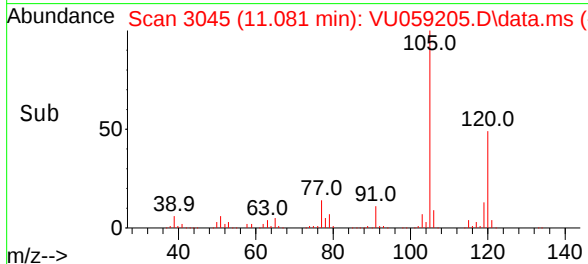
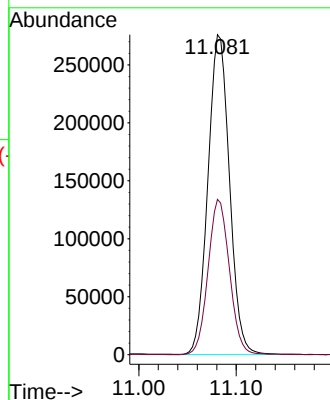
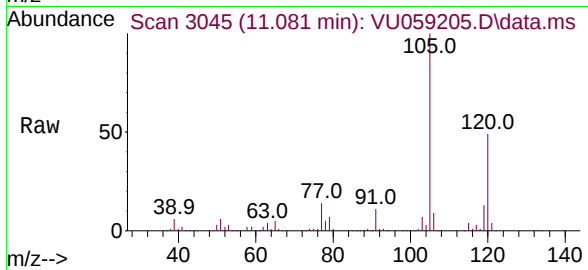




#62
1,3,5-Trimethylbenzene
Concen: 53.561 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

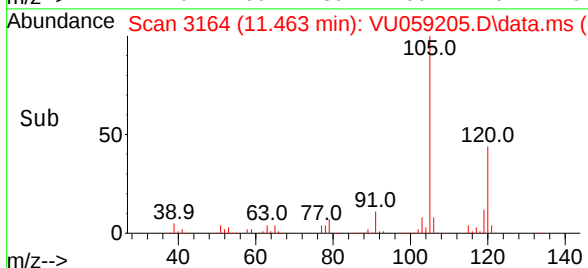
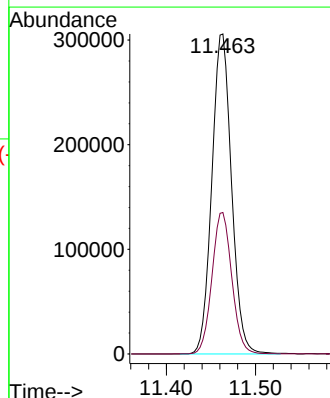
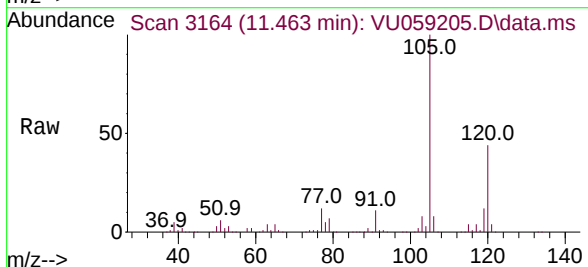
Instrument :
MSVOA_U
ClientSampleId :

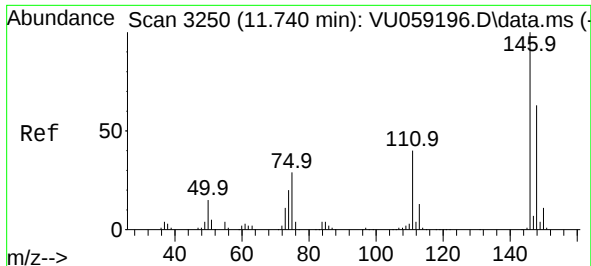
Tgt Ion:105 Resp: 423196
Ion Ratio Lower Upper
105 100
120 48.2 37.8 56.8



#63
1,2,4-Trimethylbenzene
Concen: 54.774 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

Tgt Ion:105 Resp: 469149
Ion Ratio Lower Upper
105 100
120 44.6 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 53.218 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

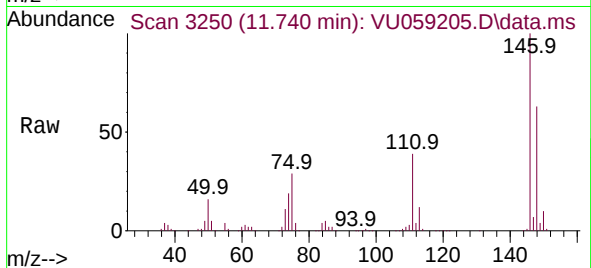
Lab File: VU059205.D

Acq: 10 Jun 2024 15:12

Instrument :

MSVOA_U

ClientSampleId :



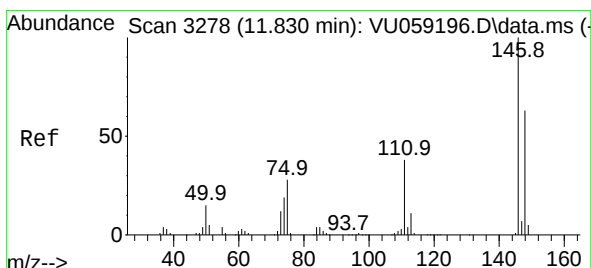
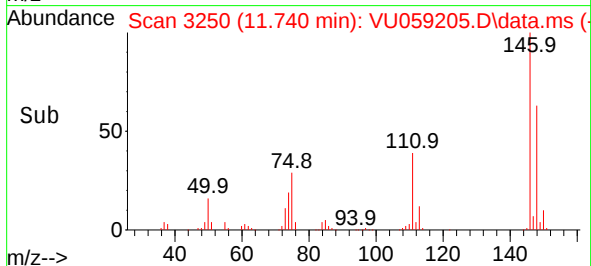
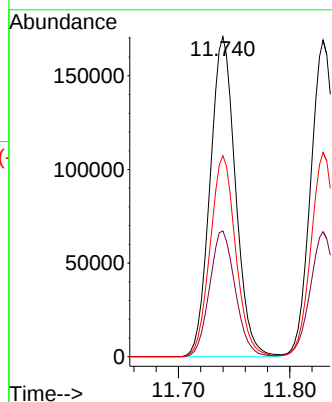
Tgt Ion:146 Resp: 271243

Ion Ratio Lower Upper

146 100

111 39.3 28.7 53.3

148 62.8 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 51.775 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU059205.D

Acq: 10 Jun 2024 15:12

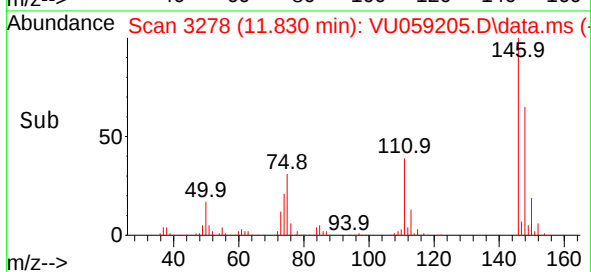
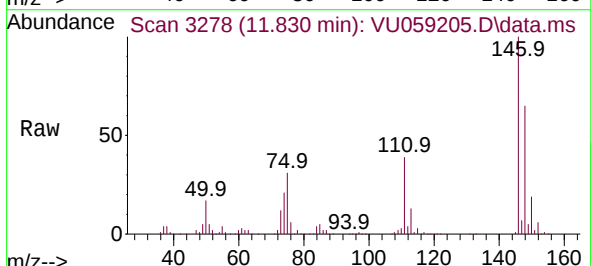
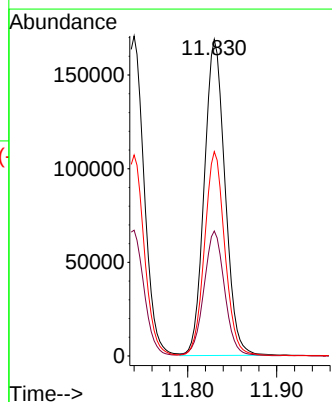
Tgt Ion:146 Resp: 272534

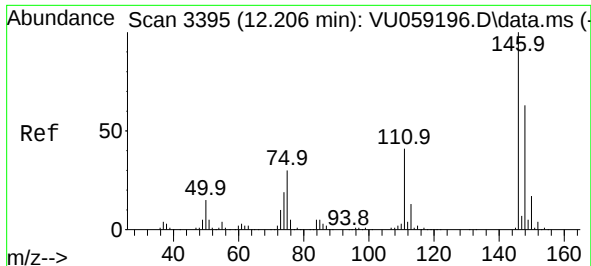
Ion Ratio Lower Upper

146 100

111 39.5 27.9 51.9

148 64.5 45.7 84.9





#67

1,2-Dichlorobenzene

Concen: 50.727 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU059205.D

Acq: 10 Jun 2024 15:12

Instrument :

MSVOA_U

ClientSampleId :

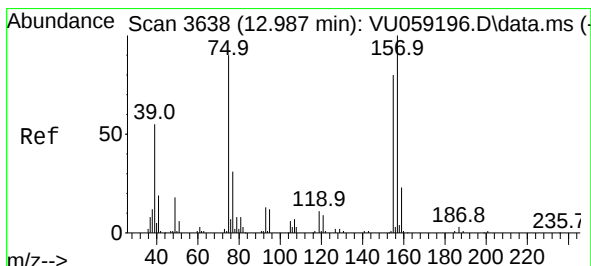
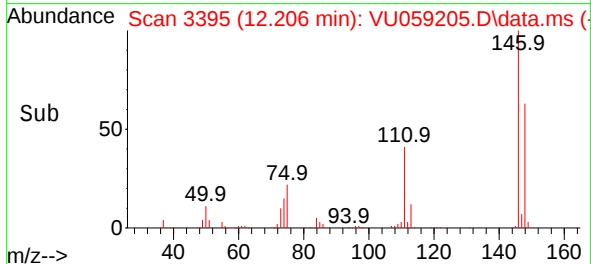
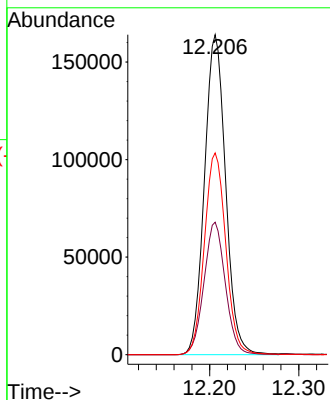
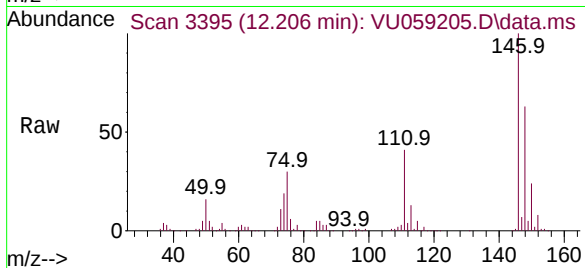
Tgt Ion:146 Resp: 270226

Ion Ratio Lower Upper

146 100

111 41.4 33.4 50.2

148 63.1 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 44.380 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU059205.D

Acq: 10 Jun 2024 15:12

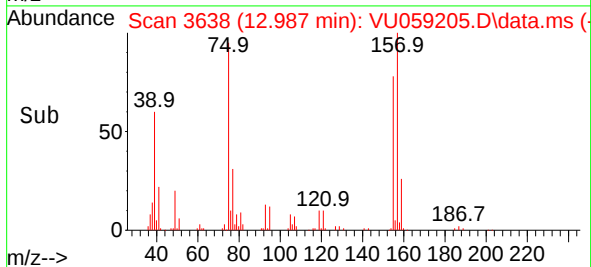
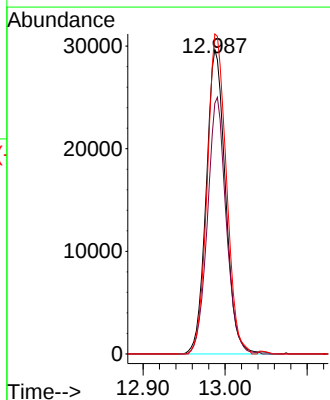
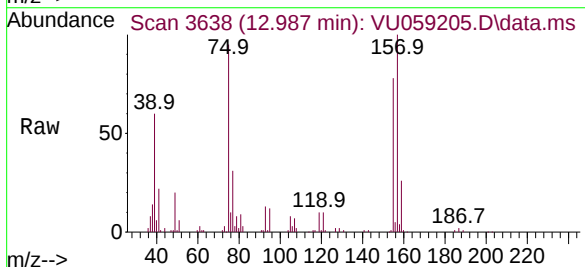
Tgt Ion: 75 Resp: 48498

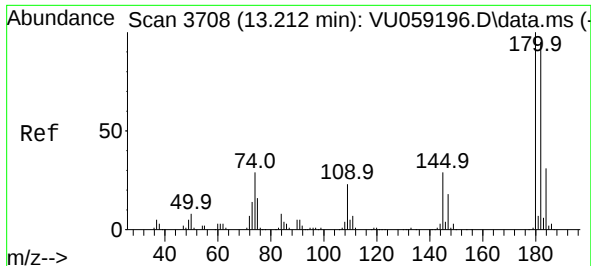
Ion Ratio Lower Upper

75 100

155 87.1 57.5 86.3#

157 105.1 73.4 110.2





#69

1,3,5-Trichlorobenzene

Concen: 55.819 ug/L

RT: 13.213 min Scan# 31

Delta R.T. 0.000 min

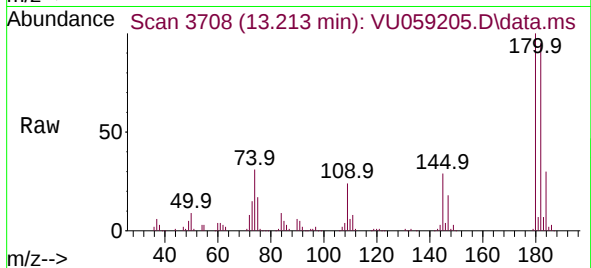
Lab File: VU059205.D

Acq: 10 Jun 2024 15:12

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 187891

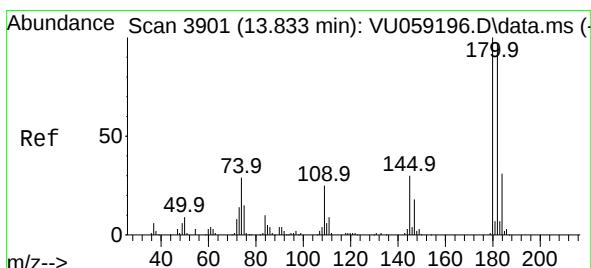
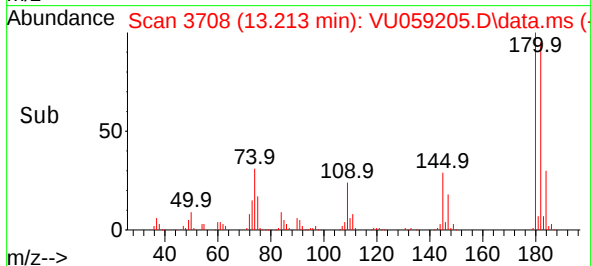
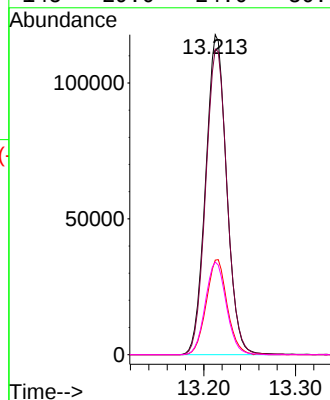
Ion Ratio Lower Upper

180 100

182 96.7 75.6 113.4

184 29.5 24.2 36.2

145 29.0 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 58.348 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU059205.D

Acq: 10 Jun 2024 15:12

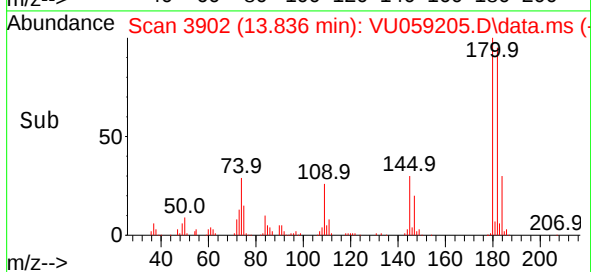
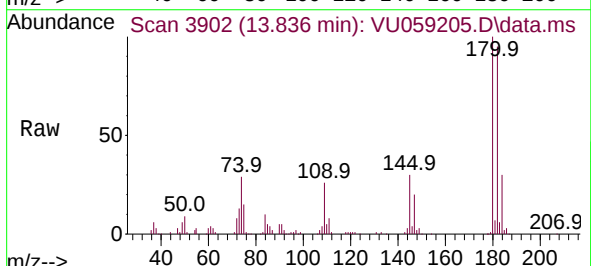
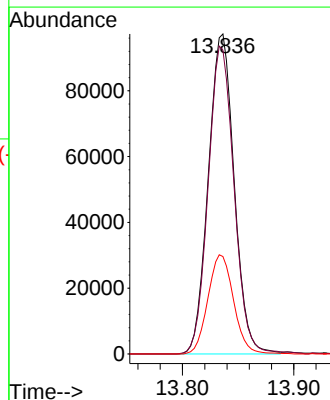
Tgt Ion:180 Resp: 156866

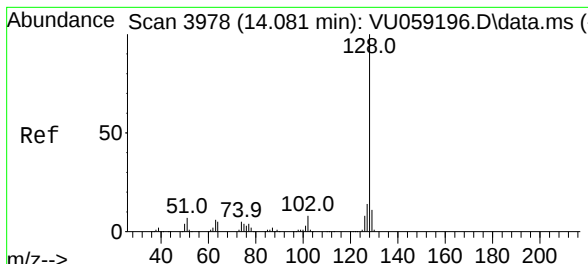
Ion Ratio Lower Upper

180 100

182 96.2 77.4 116.2

145 30.8 24.8 37.2

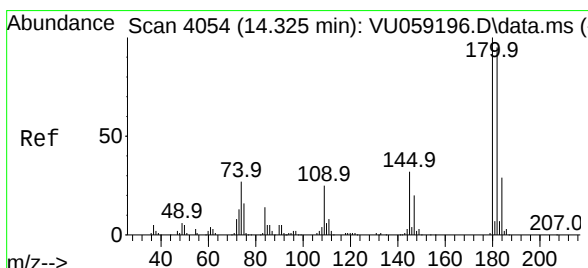
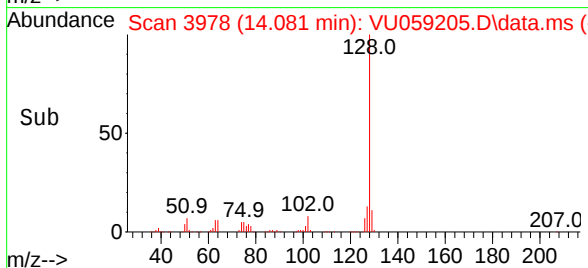
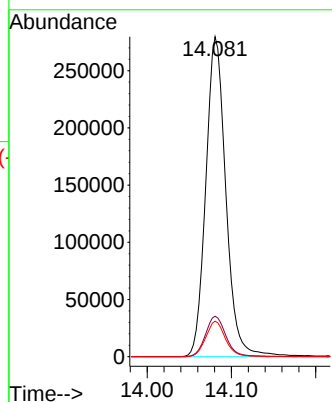
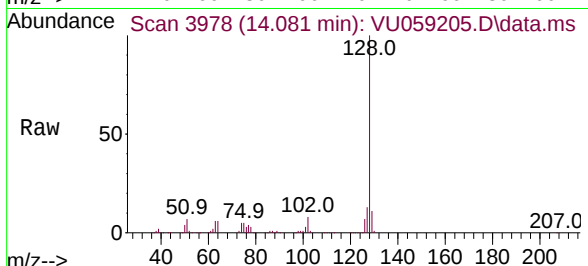




#71
Naphthalene
Concen: 54.361 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	128	Resp:	462598
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.9	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 58.831 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU059205.D
Acq: 10 Jun 2024 15:12

Tgt Ion:	180	Resp:	160800
Ion Ratio	Lower	Upper	
180	100		
182	97.0	76.2	114.4
145	31.9	26.4	39.6

