

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060424\
 Data File : VU059142.D
 Acq On : 04 Jun 2024 16:38
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 05 05:33:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 05 05:30:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	214327	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	217852	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	112767	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49322	38.435	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.860%
7) Chloroethane-d5	1.907	69	47046	42.798	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.563	63	115059	45.424	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.840%
21) 2-Butanone-d5	4.608	46	130591	107.966	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.970%
24) Chloroform-d	5.055	84	123402	48.305	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.620%
26) 1,2-Dichloroethane-d4	5.692	65	76070	48.583	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.160%
32) Benzene-d6	5.717	84	226619	45.323	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.640%
36) 1,2-Dichloropropane-d6	6.682	67	79229	45.957	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.920%
41) Toluene-d8	7.891	98	194258	45.766	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.540%
43) trans-1,3-Dichloroprop...	8.174	79	34127	48.972	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.940%
47) 2-Hexanone-d5	8.624	63	79035	99.137	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.140%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	135753	46.527	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.060%
66) 1,2-Dichlorobenzene-d4	12.187	152	76371	45.382	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.760%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	113636	52.328	ug/L	99
3) Chloromethane	1.518	50	129894	51.755	ug/L	100
5) Vinyl chloride	1.602	62	132178	53.596	ug/L	97
6) Bromomethane	1.849	94	76510	38.778	ug/L	98
8) Chloroethane	1.927	64	80167	52.128	ug/L	99
9) Trichlorofluoromethane	2.132	101	148210	51.644	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	90765	54.360	ug/L	98
12) 1,1-Dichloroethene	2.573	96	82246	54.308	ug/L	90
13) Acetone	2.615	43	139661	98.233	ug/L	99
14) Carbon disulfide	2.785	76	264607	51.880	ug/L	99
15) Methyl Acetate	2.939	43	120403	53.464	ug/L	97
16) Methylene chloride	3.036	84	104132	50.818	ug/L	100
17) trans-1,2-Dichloroethene	3.345	96	86756	53.076	ug/L	97
18) Methyl tert-butyl Ether	3.351	73	274304	51.662	ug/L	100
19) 1,1-Dichloroethane	3.859	63	183376	52.338	ug/L	100
20) cis-1,2-Dichloroethene	4.656	96	97631	52.415	ug/L	98
22) 2-Butanone	4.689	43	177269	102.988	ug/L	100
23) Bromochloromethane	4.965	128	49536	52.503	ug/L	98
25) Chloroform	5.078	83	180879	53.317	ug/L	100

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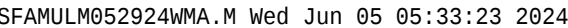
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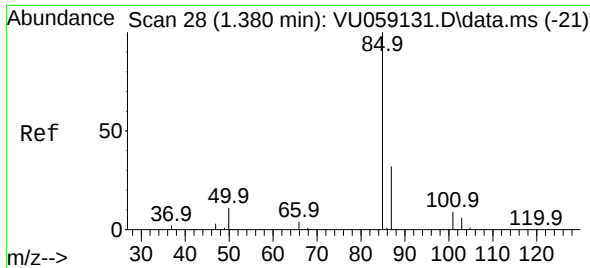
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	145269	50.688	ug/L	100
29) Cyclohexane	5.380	56	150683	51.809	ug/L	98
30) 1,1,1-Trichloroethane	5.306	97	142474	50.299	ug/L	99
31) Carbon tetrachloride	5.515	117	118618	51.556	ug/L	100
33) Benzene	5.766	78	401178	50.998	ug/L	100
34) Trichloroethene	6.534	95	102010	52.960	ug/L	99
35) Methylcyclohexane	6.756	83	152216	53.747	ug/L	99
37) 1,2-Dichloropropane	6.782	63	114744	51.368	ug/L	100
38) Bromodichloromethane	7.097	83	133546	51.325	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	155497	50.312	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	316144	107.956	ug/L	98
42) Toluene	7.962	91	424419	53.750	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	148185	52.961	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	103854	51.710	ug/L	99
46) Tetrachloroethene	8.547	164	68359	53.281	ug/L	97
48) 2-Hexanone	8.676	43	253046	102.454	ug/L	99
49) Dibromochloromethane	8.801	129	94299	51.954	ug/L	97
50) 1,2-Dibromoethane	8.917	107	105435	50.892	ug/L	98
51) Chlorobenzene	9.441	112	248208	52.081	ug/L	100
52) Ethylbenzene	9.563	91	440551	54.118	ug/L	100
53) m,p-Xylene	9.688	106	162860	54.435	ug/L	98
54) o-Xylene	10.093	106	156479	53.967	ug/L	98
55) Styrene	10.106	104	282679	57.355	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	182238	49.811	ug/L	97
59) Bromoform	10.283	173	70996	48.017	ug/L	100
60) 1,2,3-Trichloropropane	10.814	75	145894	46.524	ug/L	99
61) Isopropylbenzene	10.479	105	417198	52.587	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	298998	52.017	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	333057	53.450	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	190402	51.350	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	195910	51.159	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	190620	49.187	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	39214	49.326	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	124002	50.638	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	104242	53.298	ug/L	99
71) Naphthalene	14.080	128	295474	47.728	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	106938	53.780	ug/L	99

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

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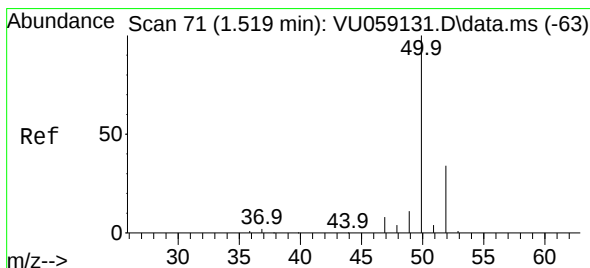
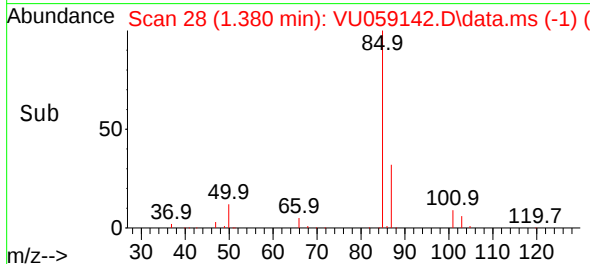
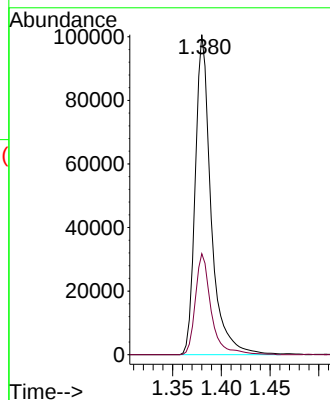
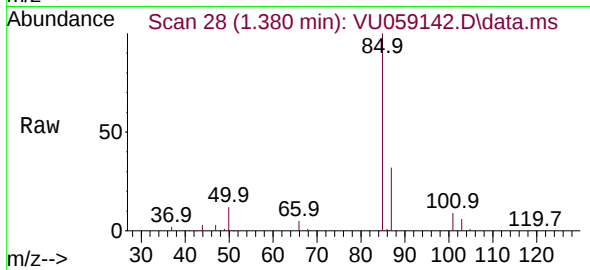




#2
 Dichlorodifluoromethane
 Concen: 52.328 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU059142.D
 Acq: 04 Jun 2024 16:38

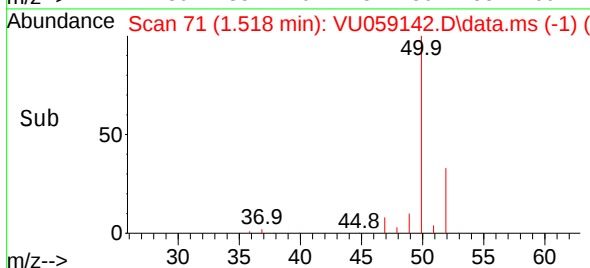
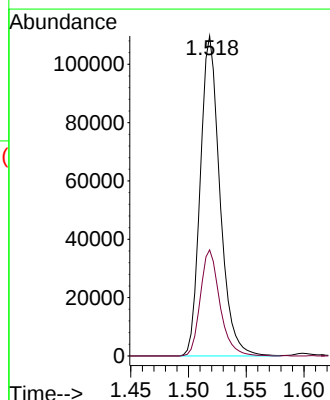
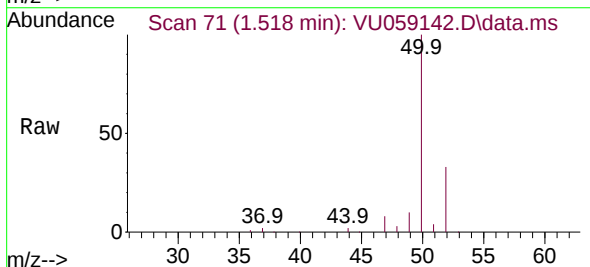
Instrument :
 MSVOA_U
 ClientSampleId :

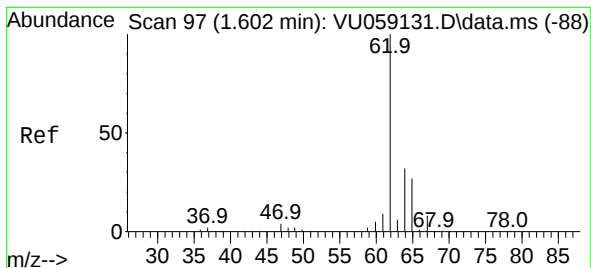
Tgt Ion: 85 Resp: 113636
 Ion Ratio Lower Upper
 85 100
 87 31.5 25.4 38.2



#3
 Chloromethane
 Concen: 51.755 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU059142.D
 Acq: 04 Jun 2024 16:38

Tgt Ion: 50 Resp: 129894
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.2 43.2





#5

Vinyl chloride

Concen: 53.596 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

Instrument :

MSVOA_U

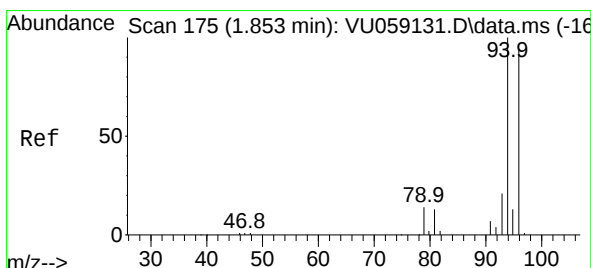
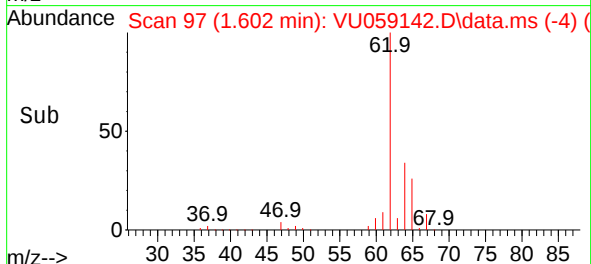
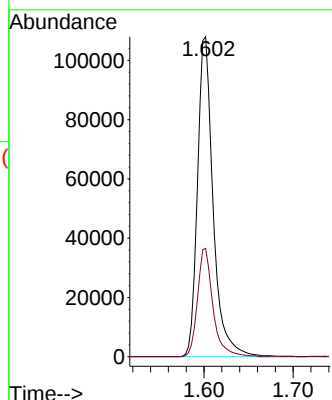
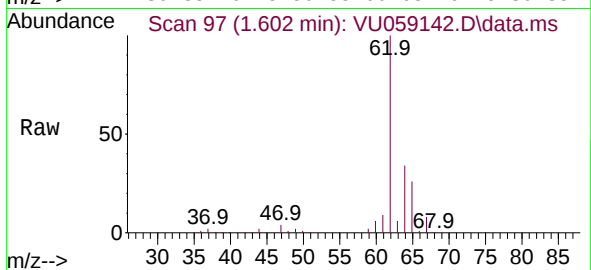
ClientSampleId :

Tgt Ion: 62 Resp: 132178

Ion Ratio Lower Upper

62 100

64 33.8 22.5 41.7



#6

Bromomethane

Concen: 38.778 ug/L

RT: 1.849 min Scan# 174

Delta R.T. -0.004 min

Lab File: VU059142.D

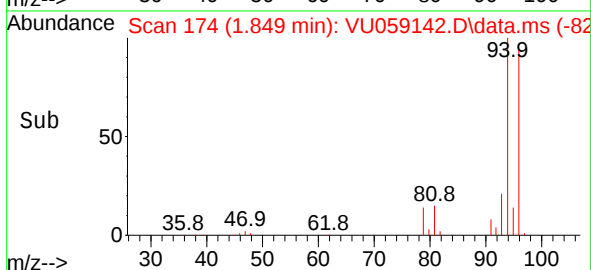
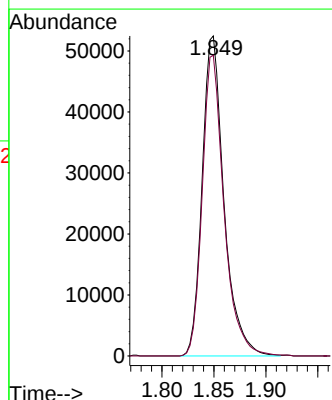
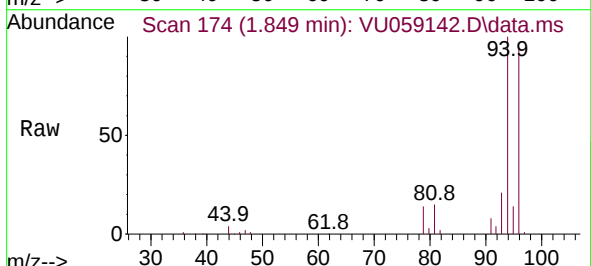
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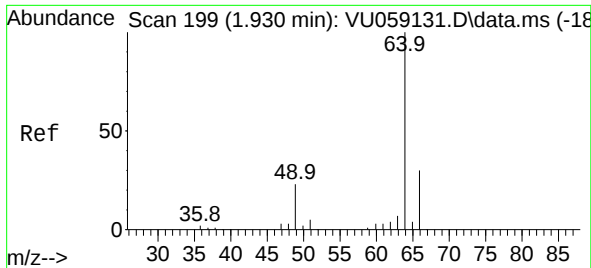
Tgt Ion: 94 Resp: 76510

Ion Ratio Lower Upper

94 100

96 93.9 67.1 124.7

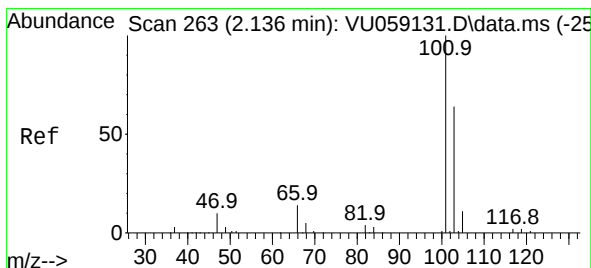
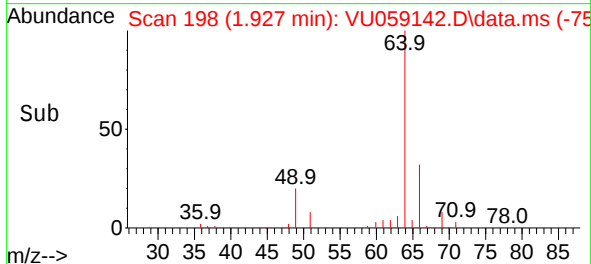
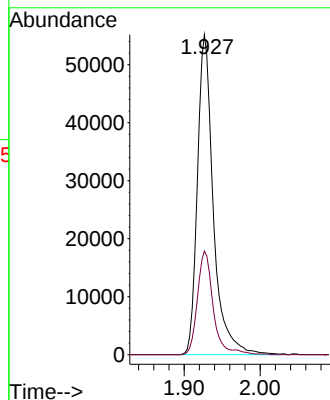
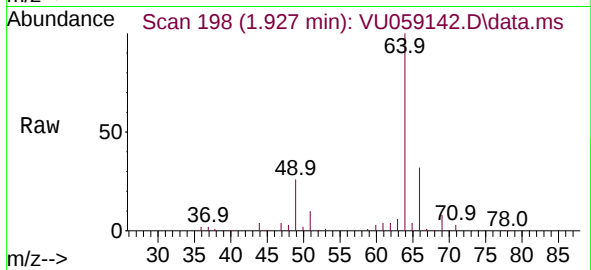




#8
Chloroethane
Concen: 52.128 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.004 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

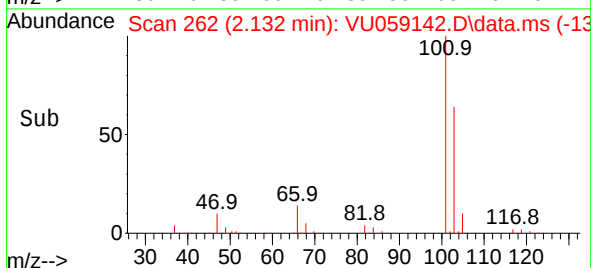
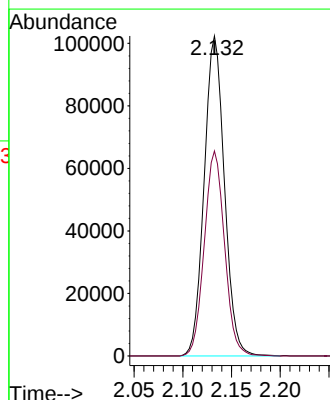
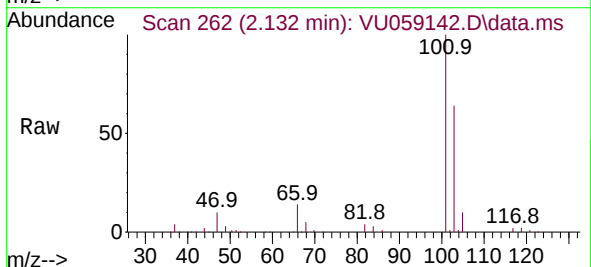
Instrument :
MSVOA_U
ClientSampleId :

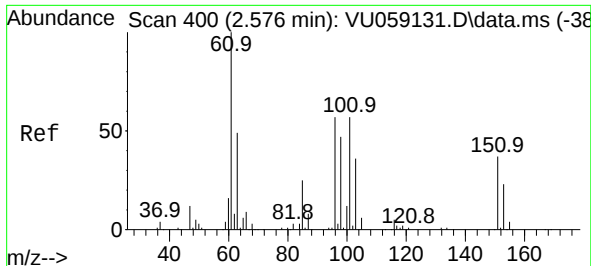
Tgt Ion: 64 Resp: 80167
Ion Ratio Lower Upper
64 100
66 32.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 51.644 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.004 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

Tgt Ion:101 Resp: 148210
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.6

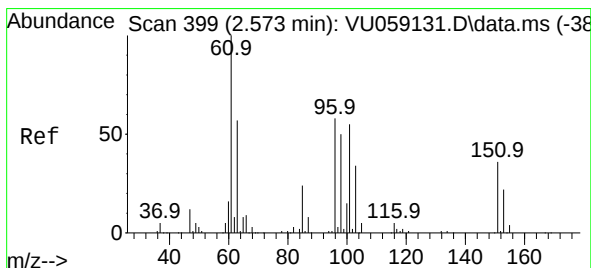
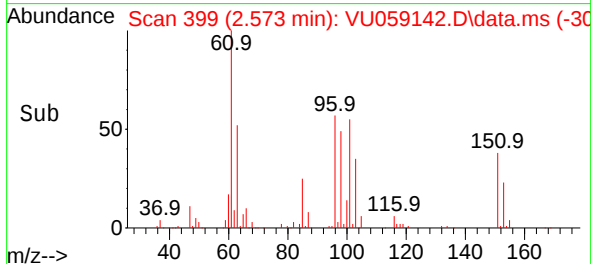
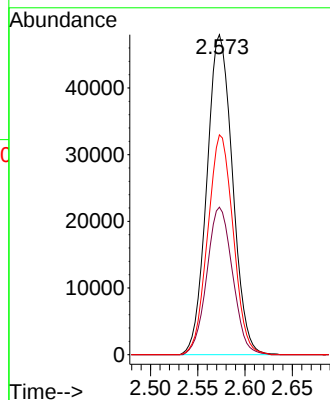
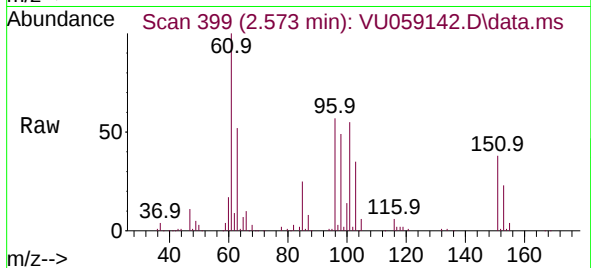




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.360 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.004 min
 Lab File: VU059142.D
 Acq: 04 Jun 2024 16:38

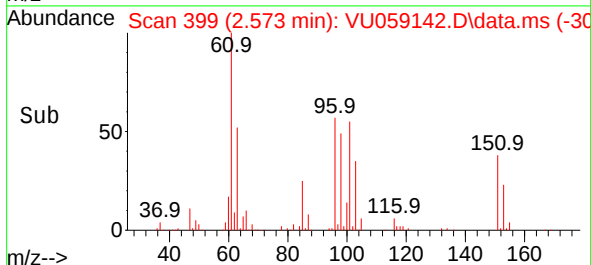
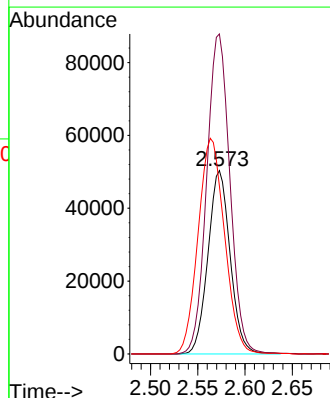
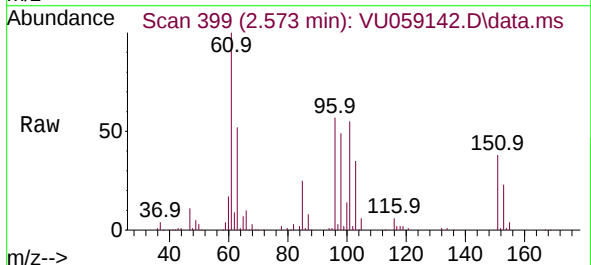
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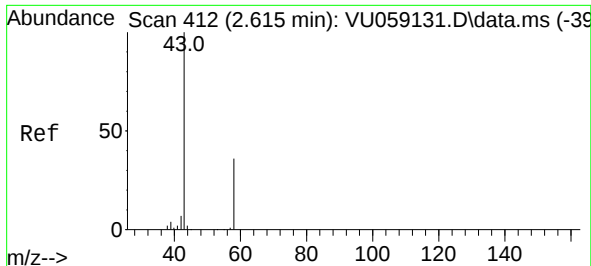
Tgt Ion:101 Resp: 90765
 Ion Ratio Lower Upper
 101 100
 85 46.0 36.7 55.1
 151 68.2 52.2 78.2



#12
 1,1-Dichloroethene
 Concen: 54.308 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU059142.D
 Acq: 04 Jun 2024 16:38

Tgt Ion: 96 Resp: 82246
 Ion Ratio Lower Upper
 96 100
 61 174.5 126.3 234.6
 63 91.6 78.7 146.1





#13

Acetone

Concen: 98.233 ug/L

RT: 2.615 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

Instrument :

MSVOA_U

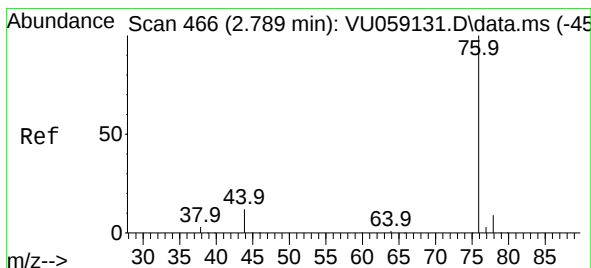
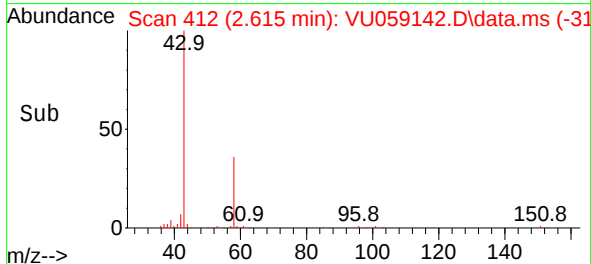
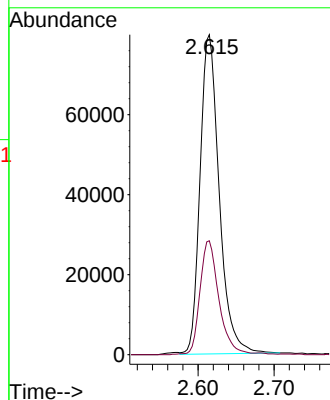
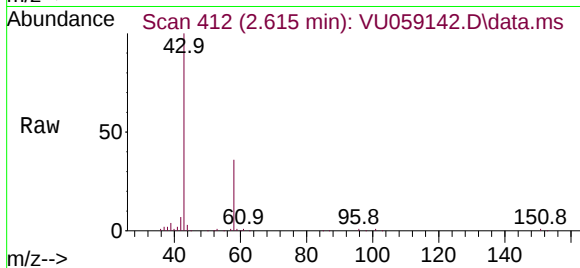
ClientSampleId :

Tgt Ion: 43 Resp: 139661

Ion Ratio Lower Upper

43 100

58 35.2 0.0 68.8



#14

Carbon disulfide

Concen: 51.880 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.004 min

Lab File: VU059142.D

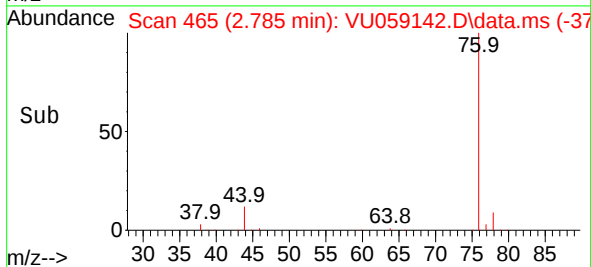
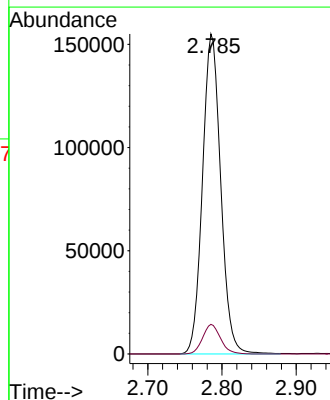
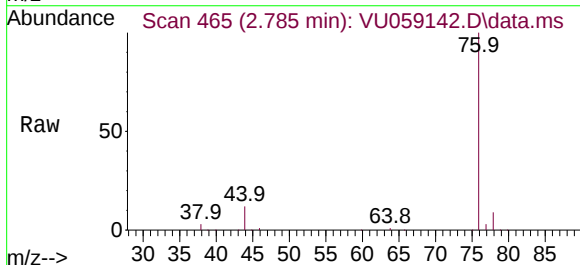
Acq: 04 Jun 2024 16:38

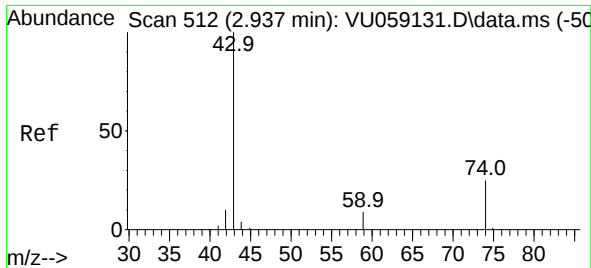
Tgt Ion: 76 Resp: 264607

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8





#15

Methyl Acetate

Concen: 53.464 ug/L

RT: 2.939 min Scan# 512

Delta R.T. 0.003 min

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

Instrument :

MSVOA_U

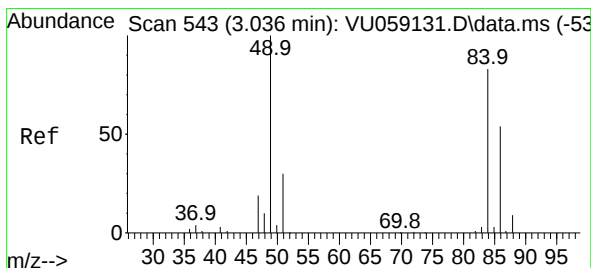
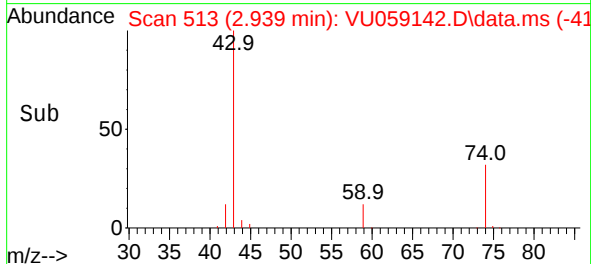
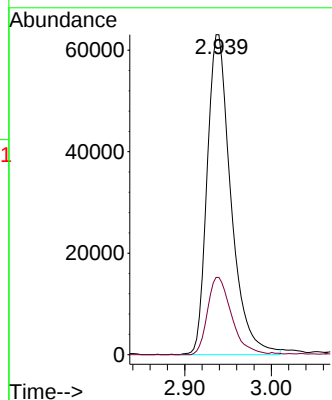
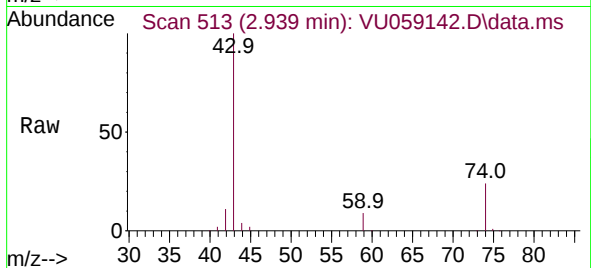
ClientSampleId :

Tgt Ion: 43 Resp: 120403

Ion Ratio Lower Upper

43 100

74 24.3 20.8 31.2



#16

Methylene chloride

Concen: 50.818 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

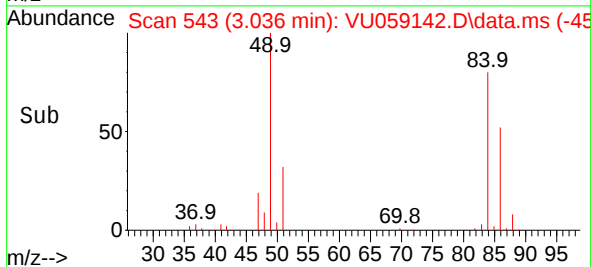
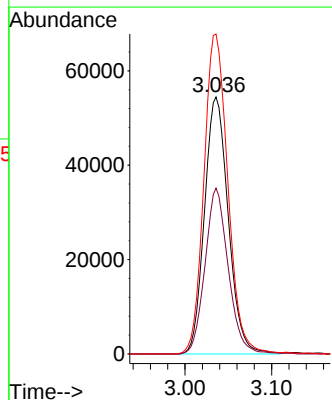
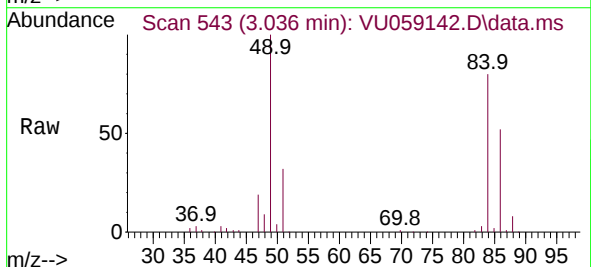
Tgt Ion: 84 Resp: 104132

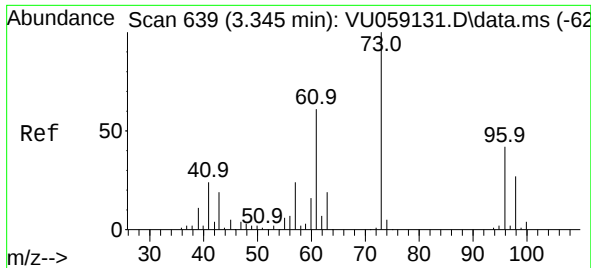
Ion Ratio Lower Upper

84 100

86 64.5 44.9 83.3

49 124.5 87.5 162.5





#17

trans-1,2-Dichloroethene

Concen: 53.076 ug/L

RT: 3.345 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

Instrument :

MSVOA_U

ClientSampleId :

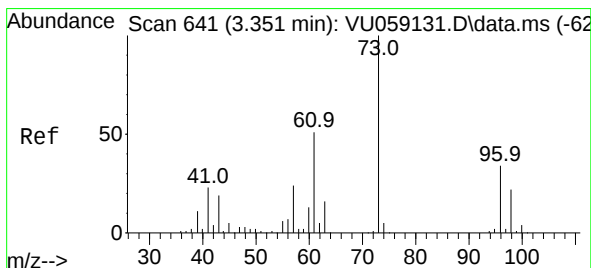
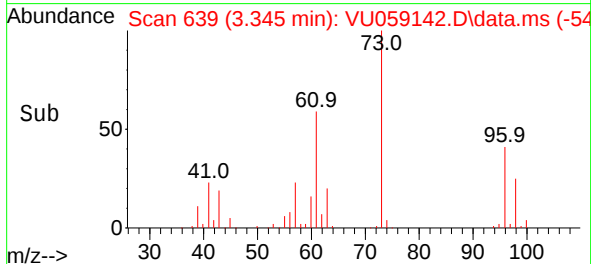
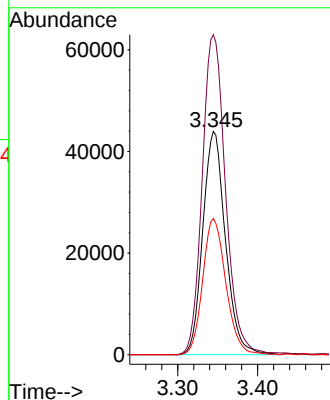
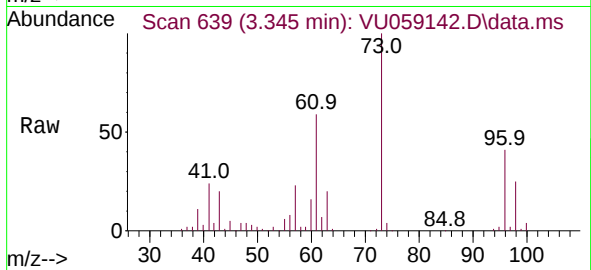
Tgt Ion: 96 Resp: 86756

Ion Ratio Lower Upper

96 100

61 143.4 103.5 192.3

98 61.0 42.4 78.6



#18

Methyl tert-butyl Ether

Concen: 51.662 ug/L

RT: 3.351 min Scan# 641

Delta R.T. -0.000 min

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

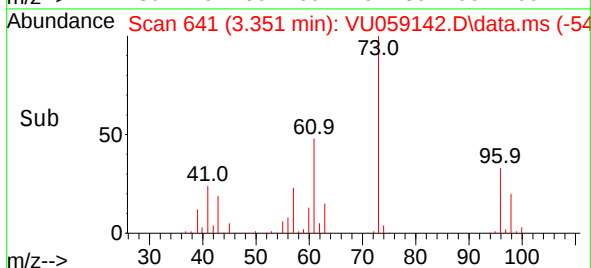
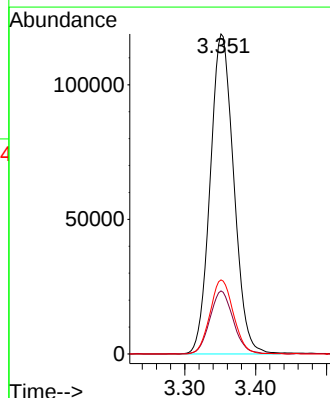
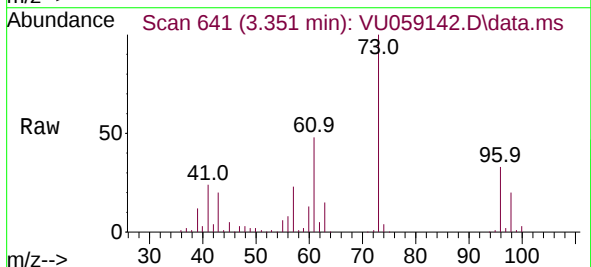
Tgt Ion: 73 Resp: 274304

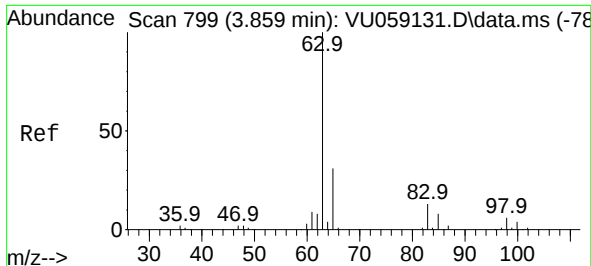
Ion Ratio Lower Upper

73 100

43 19.6 15.6 23.4

57 23.0 18.6 28.0





#19

1,1-Dichloroethane

Concen: 52.338 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min MSVOA_U

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

Instrument :

MSVOA_U

ClientSampleId :

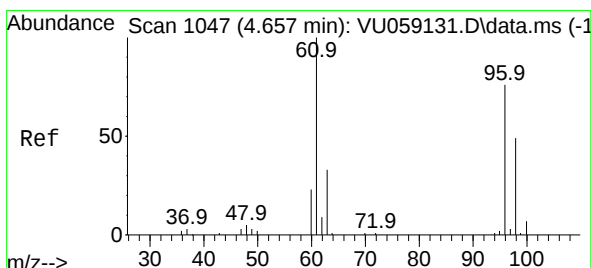
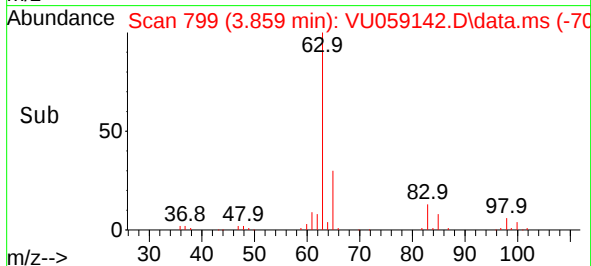
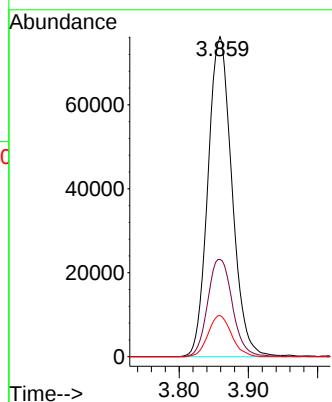
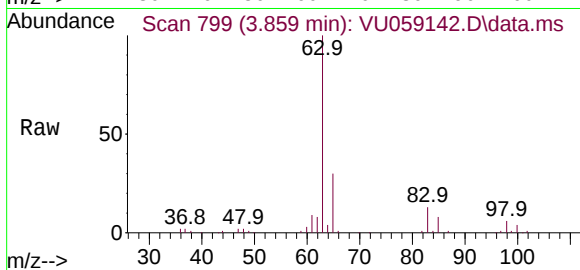
Tgt Ion: 63 Resp: 183376

Ion Ratio Lower Upper

63 100

65 30.4 21.3 39.5

83 12.9 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 52.415 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

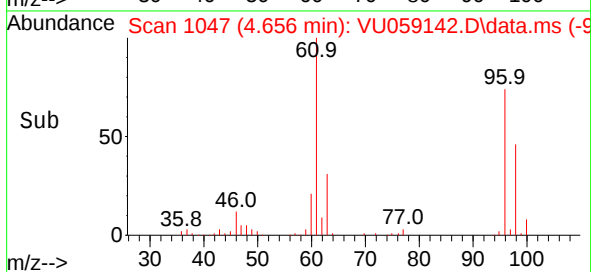
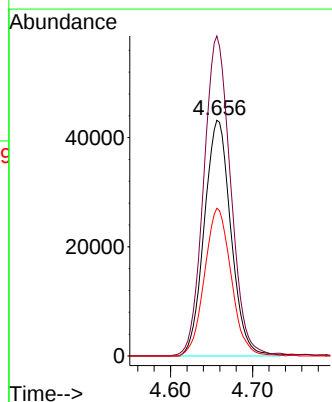
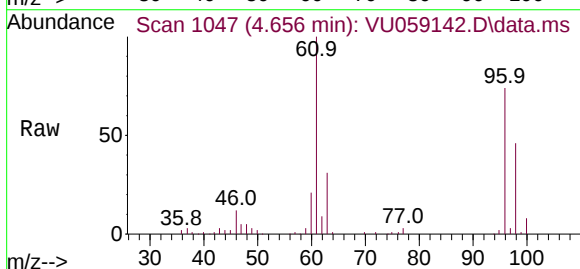
Tgt Ion: 96 Resp: 97631

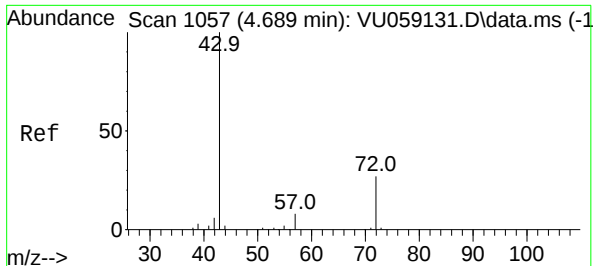
Ion Ratio Lower Upper

96 100

61 135.8 96.2 178.6

98 62.6 45.6 84.6

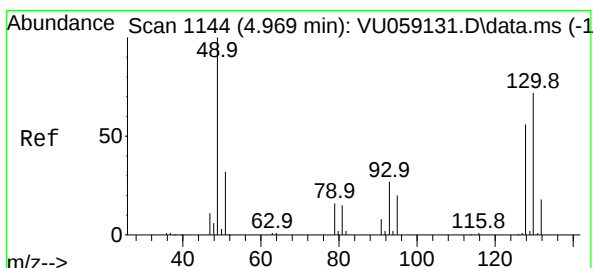
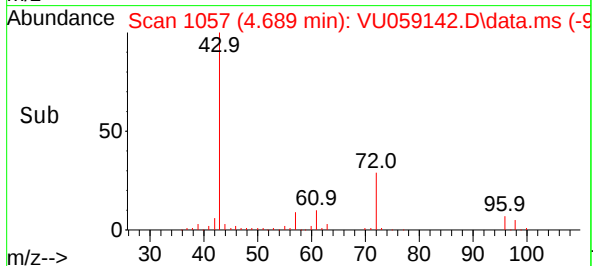
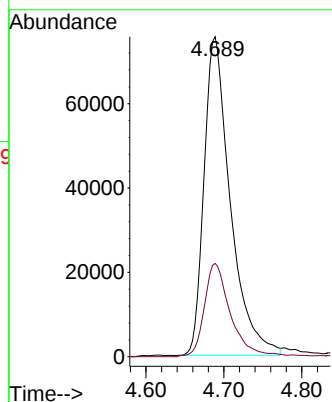
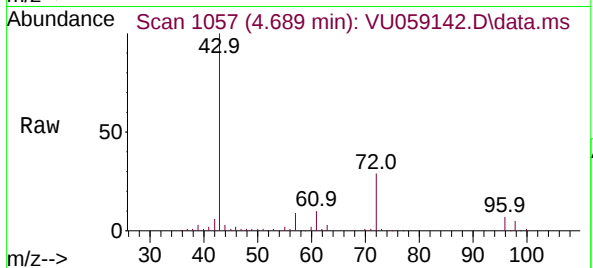




#22
2-Butanone
Concen: 102.988 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

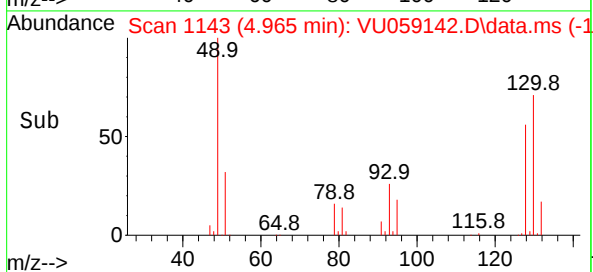
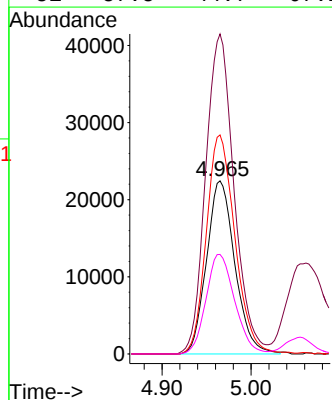
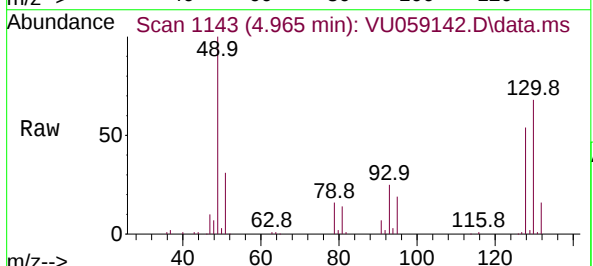
Instrument :
MSVOA_U
ClientSampleId :

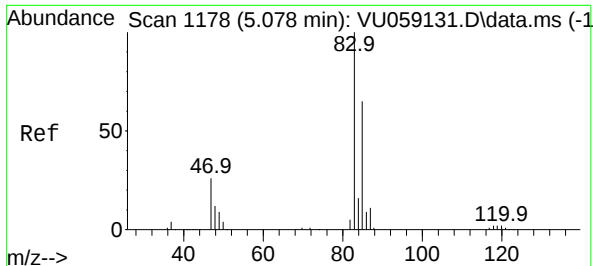
Tgt Ion: 43 Resp: 177269
Ion Ratio Lower Upper
43 100
72 28.5 14.2 42.8



#23
Bromochloromethane
Concen: 52.503 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.004 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

Tgt Ion:128 Resp: 49536
Ion Ratio Lower Upper
128 100
49 184.9 128.4 238.4
130 126.6 86.9 161.3
51 57.5 44.7 67.1





#25

Chloroform

Concen: 53.317 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

Instrument :

MSVOA_U

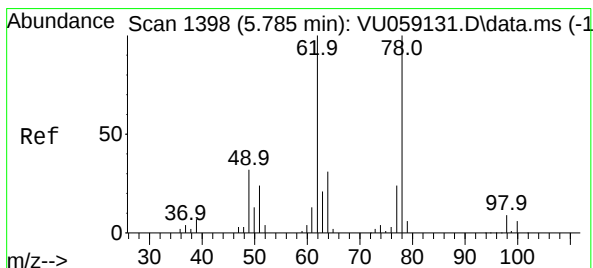
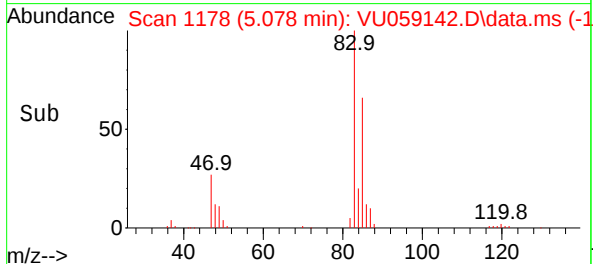
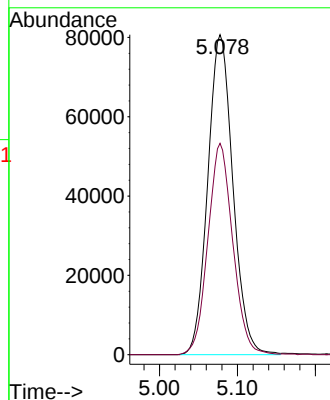
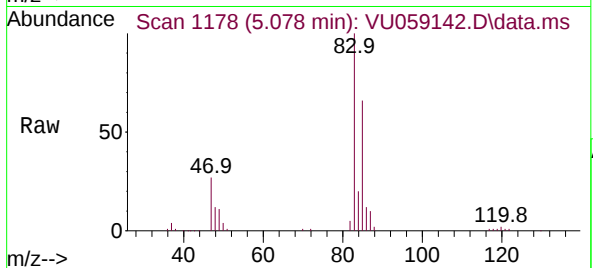
ClientSampleId :

Tgt Ion: 83 Resp: 180879

Ion Ratio Lower Upper

83 100

85 66.1 46.1 85.7



#27

1,2-Dichloroethane

Concen: 50.688 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU059142.D

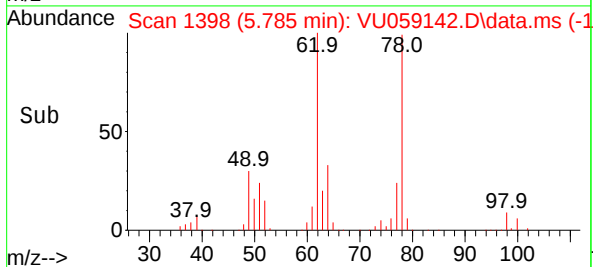
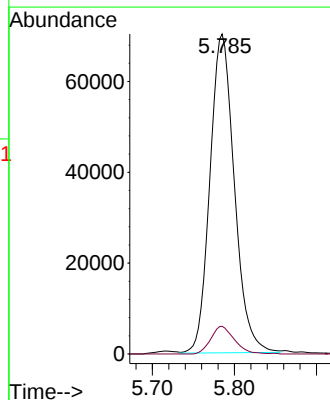
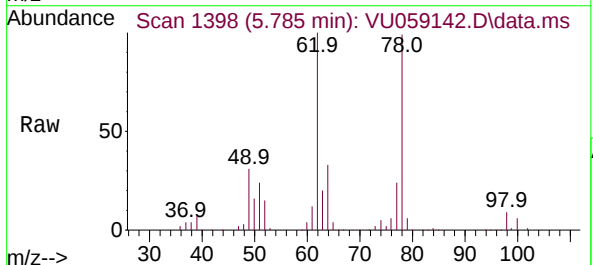
Acq: 04 Jun 2024 16:38

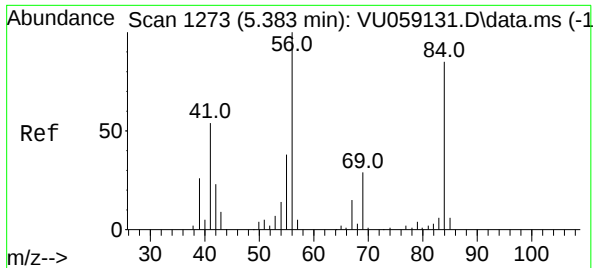
Tgt Ion: 62 Resp: 145269

Ion Ratio Lower Upper

62 100

98 8.6 6.9 10.3

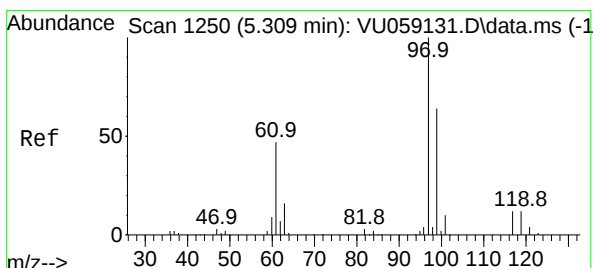
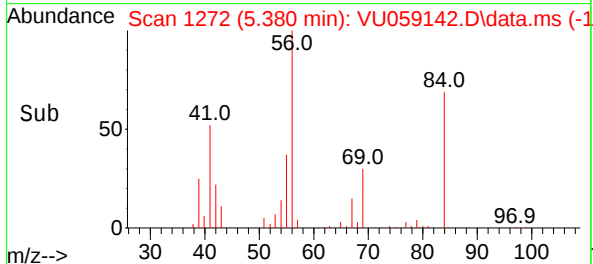
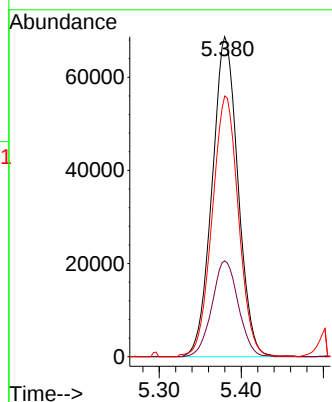
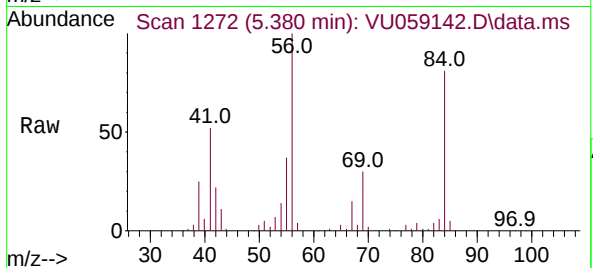




#29
Cyclohexane
Concen: 51.809 ug/L
RT: 5.380 min Scan# 1273
Delta R.T. -0.004 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

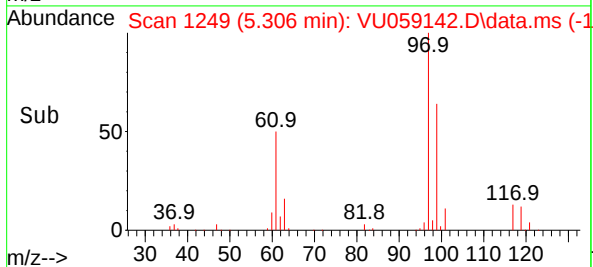
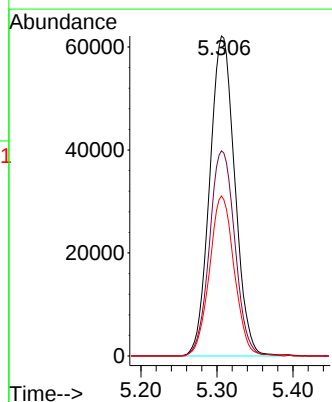
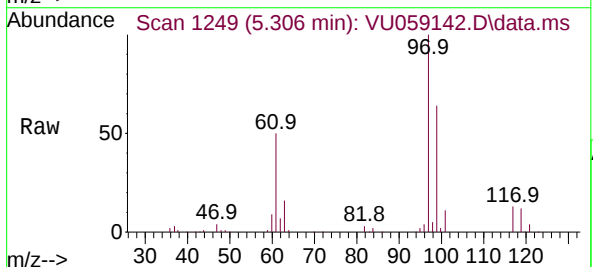
Instrument :
MSVOA_U
ClientSampleId :

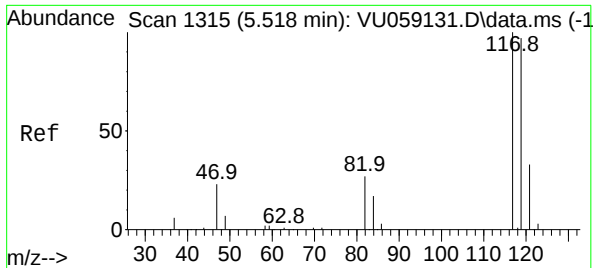
Tgt Ion: 56 Resp: 150683
Ion Ratio Lower Upper
56 100
69 30.5 24.6 37.0
84 82.1 67.4 101.0



#30
1,1,1-Trichloroethane
Concen: 50.299 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.004 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

Tgt Ion: 97 Resp: 142474
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 49.2 39.1 58.7

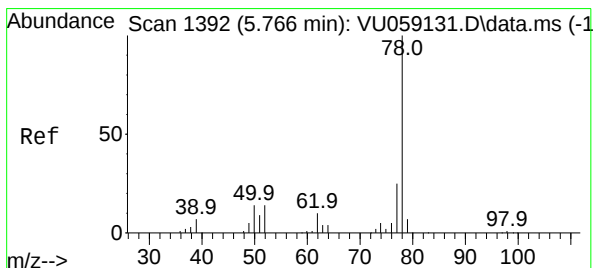
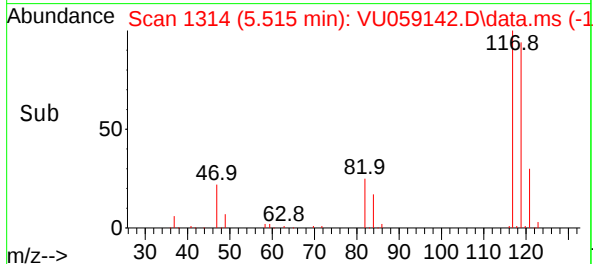
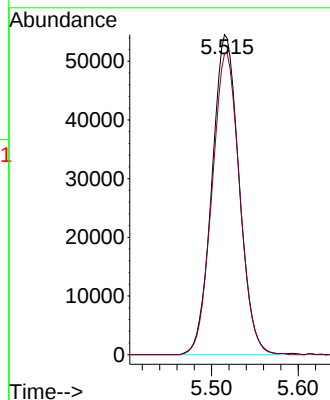
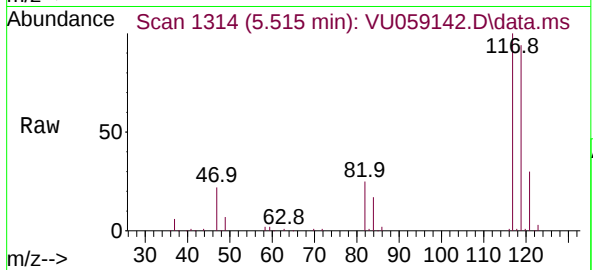




#31
Carbon tetrachloride
Concen: 51.556 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.004 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

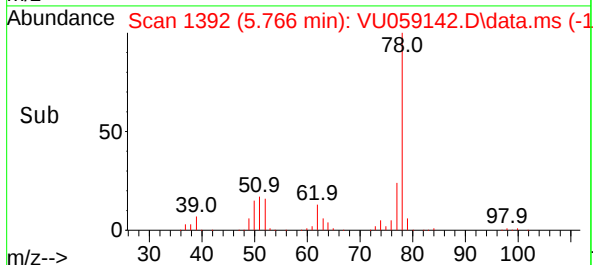
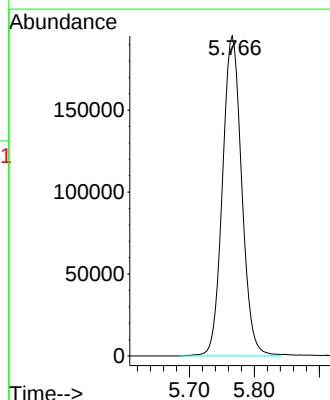
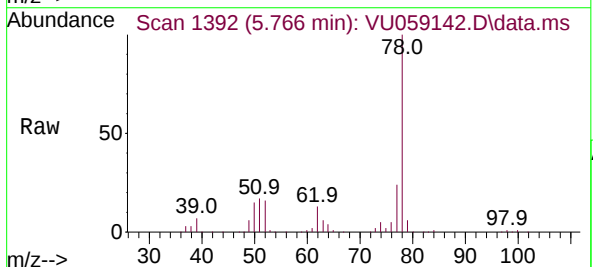
Instrument :
MSVOA_U
ClientSampleId :

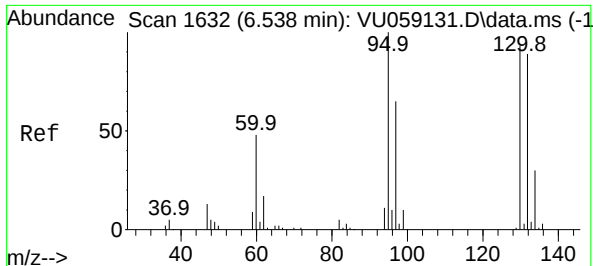
Tgt Ion:117 Resp: 118618
Ion Ratio Lower Upper
117 100
119 95.6 76.9 115.3



#33
Benzene
Concen: 50.998 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

Tgt Ion: 78 Resp: 401178





#34

Trichloroethene

Concen: 52.960 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.004 min

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 102010

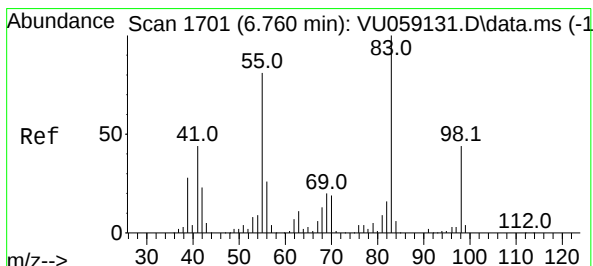
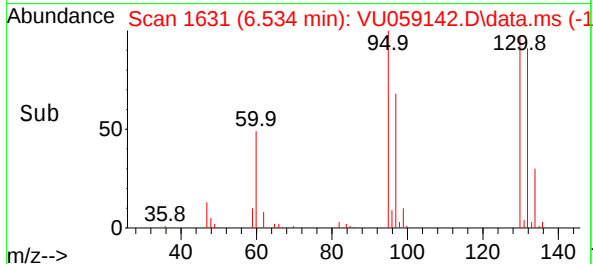
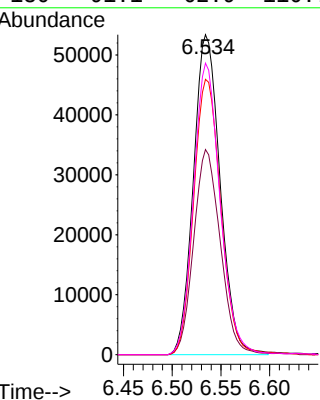
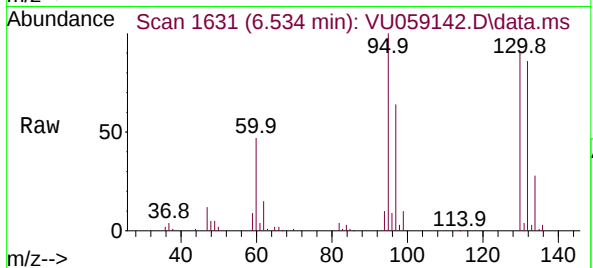
Ion Ratio Lower Upper

95 100

97 64.1 45.2 84.0

132 86.0 60.6 112.6

130 91.1 62.9 116.7



#35

Methylcyclohexane

Concen: 53.747 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.004 min

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

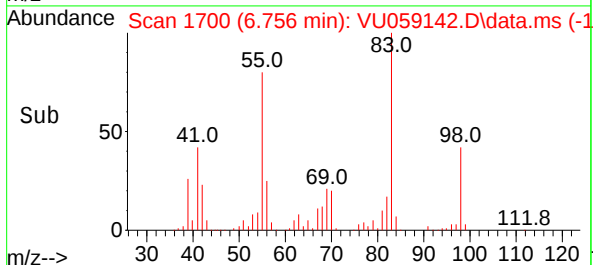
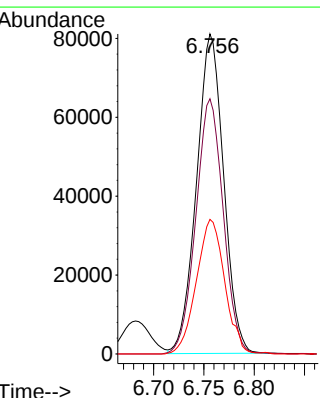
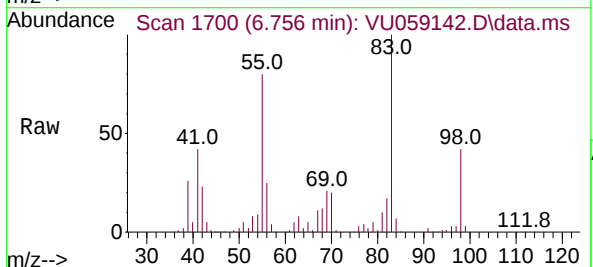
Tgt Ion: 83 Resp: 152216

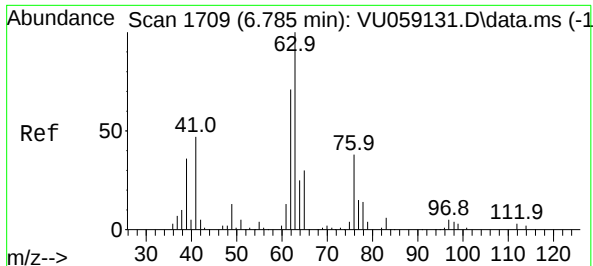
Ion Ratio Lower Upper

83 100

55 80.7 63.9 95.9

98 43.9 34.7 52.1

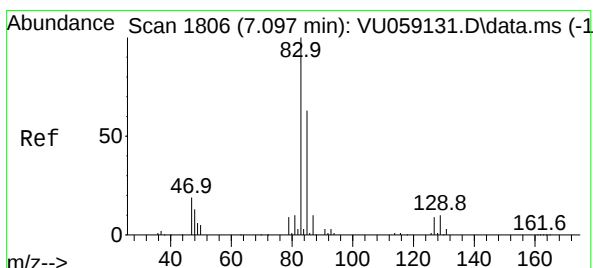
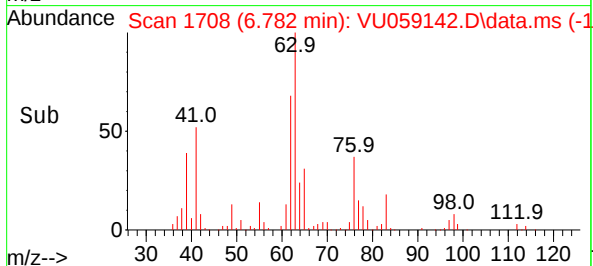
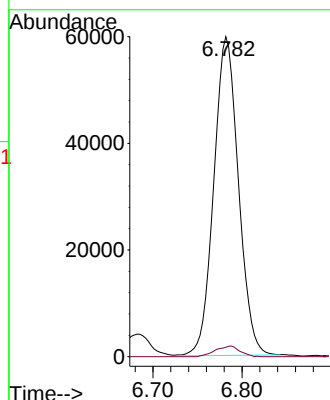
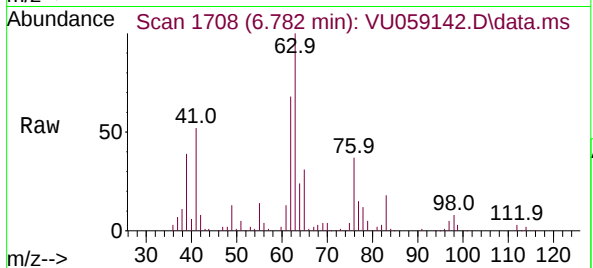




#37
1,2-Dichloropropane
Concen: 51.368 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.004 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

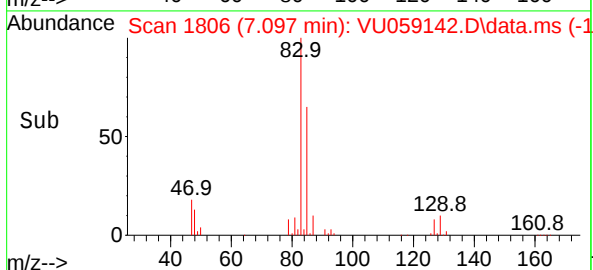
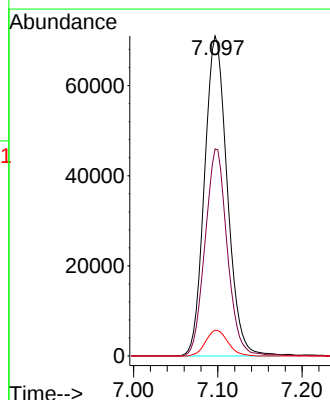
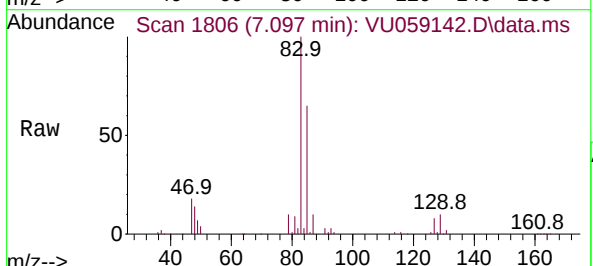
Instrument :
MSVOA_U
ClientSampleId :

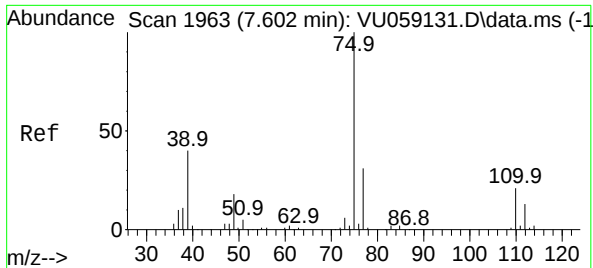
Tgt Ion: 63 Resp: 114744
Ion Ratio Lower Upper
63 100
112 3.3 2.6 4.0



#38
Bromodichloromethane
Concen: 51.325 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

Tgt Ion: 83 Resp: 133546
Ion Ratio Lower Upper
83 100
85 64.7 44.0 81.6
127 8.0 7.0 10.6

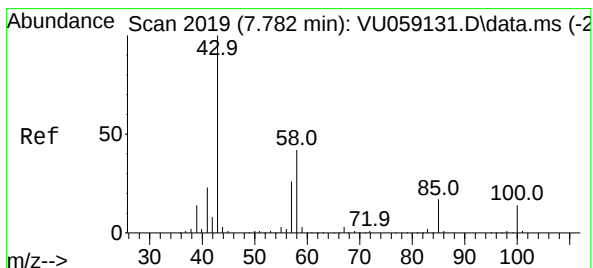
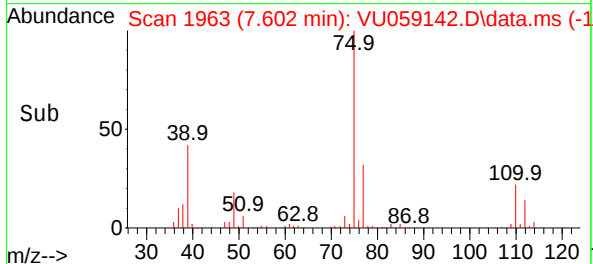
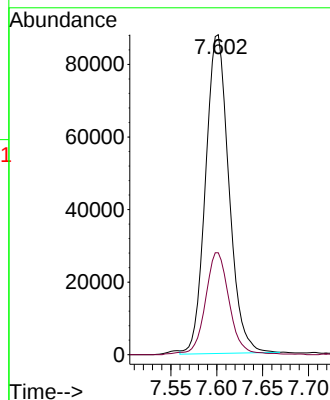
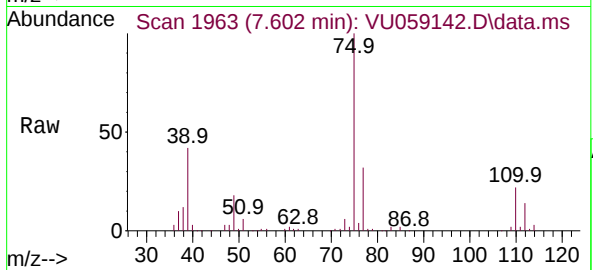




#39
cis-1,3-Dichloropropene
Concen: 50.312 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

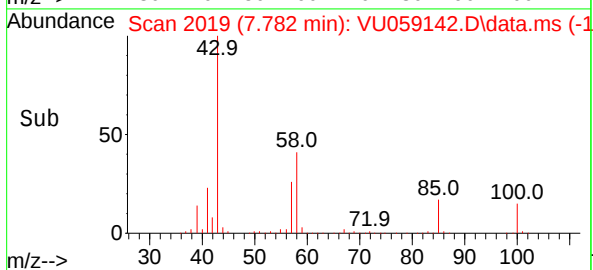
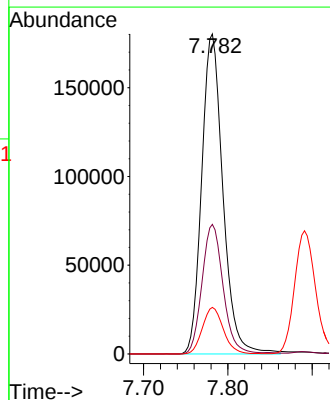
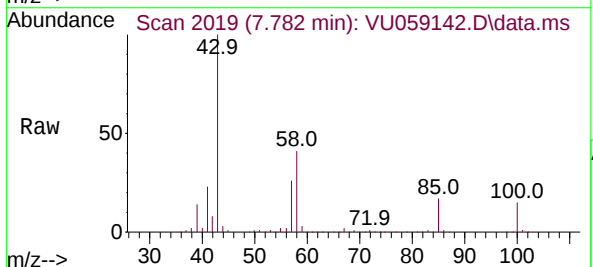
Instrument :
MSVOA_U
ClientSampleId :

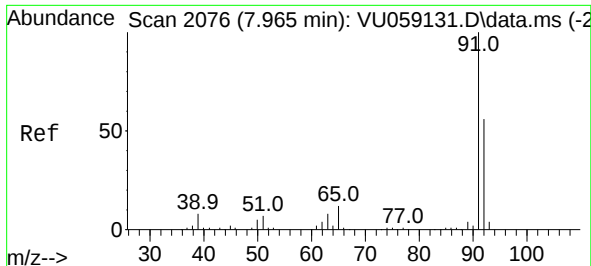
Tgt Ion: 75 Resp: 155497
Ion Ratio Lower Upper
75 100
77 31.9 21.2 39.4



#40
4-Methyl-2-pentanone
Concen: 107.956 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

Tgt Ion: 43 Resp: 316144
Ion Ratio Lower Upper
43 100
58 40.3 33.7 50.5
100 14.4 11.4 17.0





#42

Toluene

Concen: 53.750 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.004 min

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

Instrument :

MSVOA_U

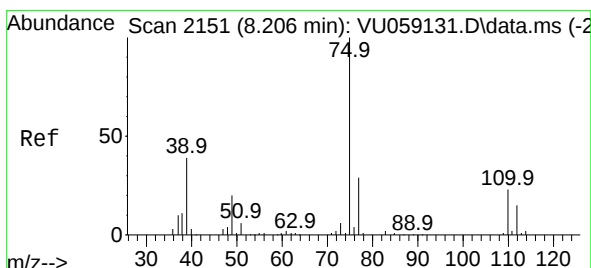
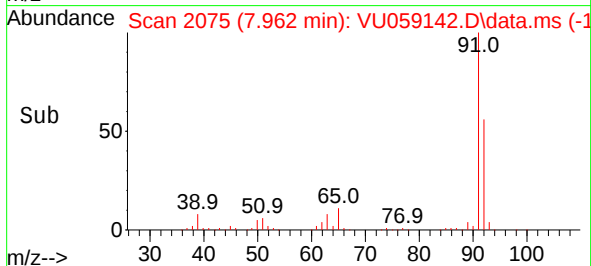
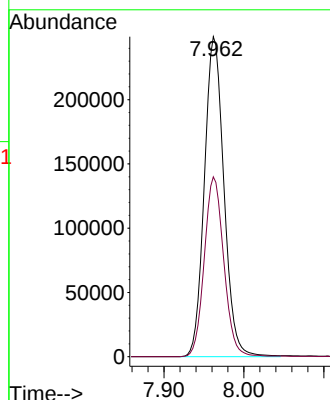
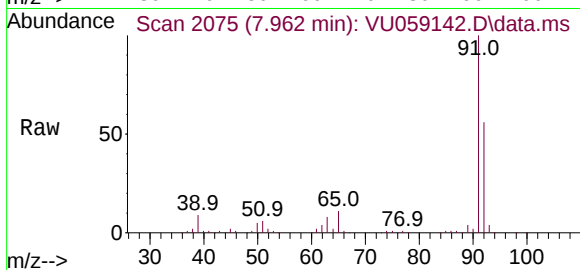
ClientSampleId :

Tgt Ion: 91 Resp: 424419

Ion Ratio Lower Upper

91 100

92 56.2 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 52.961 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.004 min

Lab File: VU059142.D

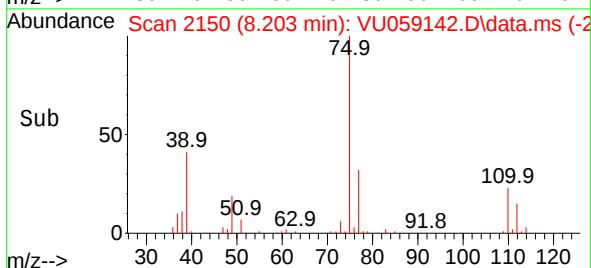
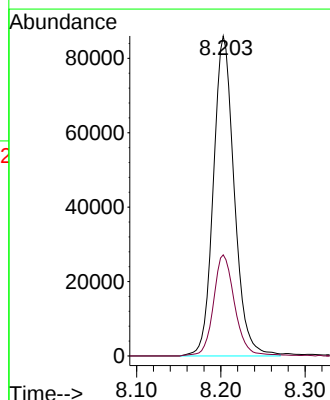
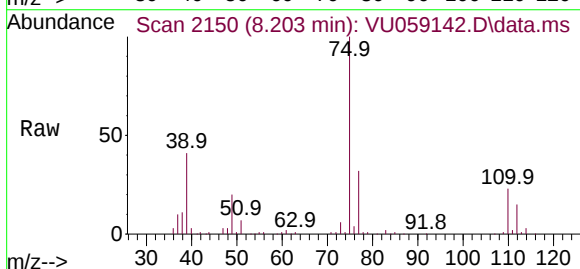
Acq: 04 Jun 2024 16:38

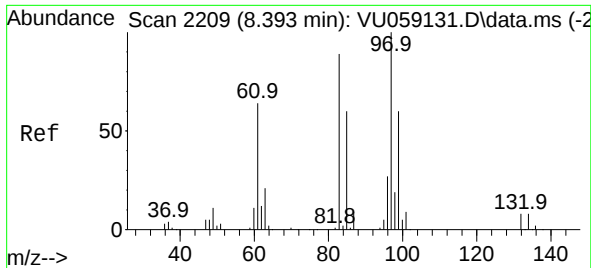
Tgt Ion: 75 Resp: 148185

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8

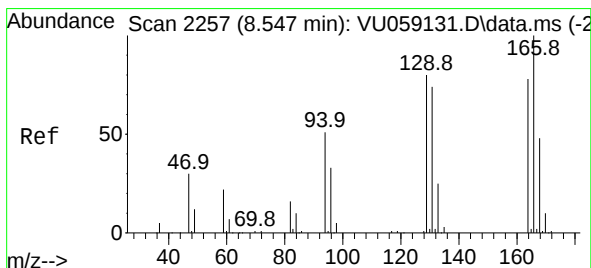
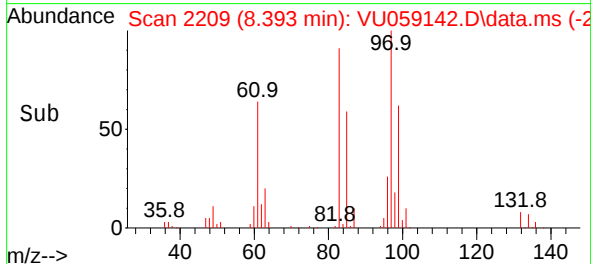
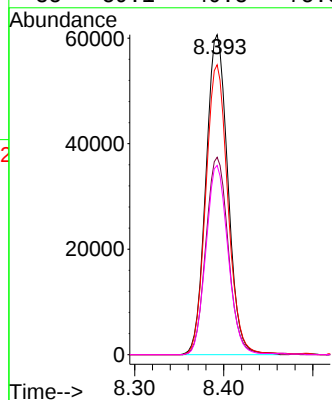
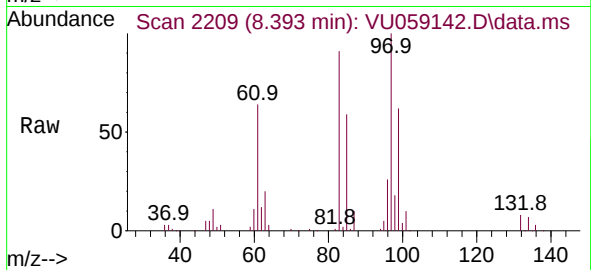




#45
1,1,2-Trichloroethane
Concen: 51.710 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

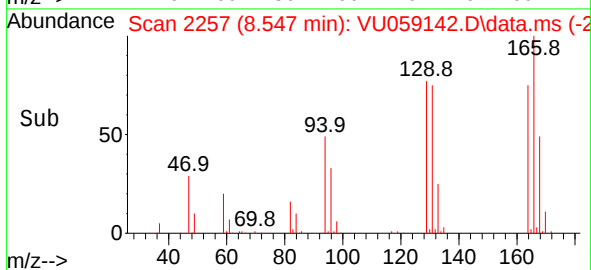
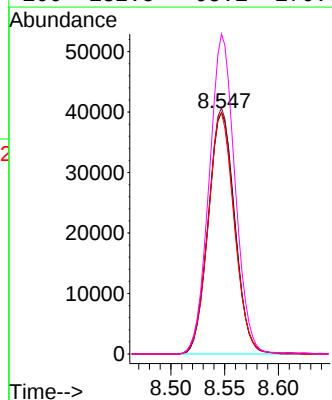
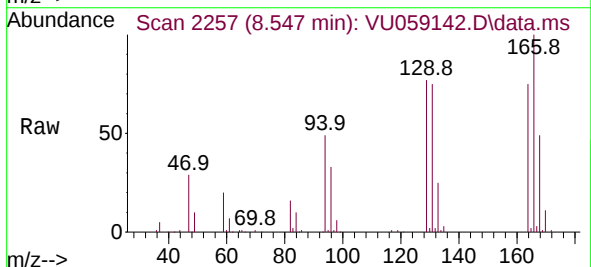
Instrument :
MSVOA_U
ClientSampleId :

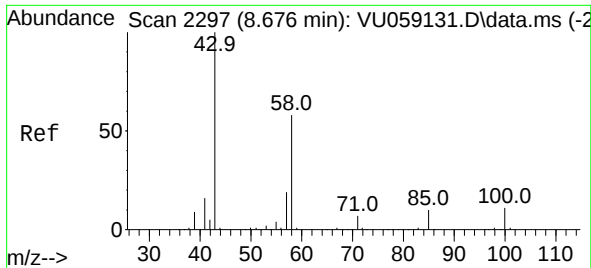
Tgt Ion:	97	Resp:	103854
Ion	Ratio	Lower	Upper
97	100		
99	61.7	44.0	81.6
83	90.6	63.6	118.2
85	59.1	40.8	75.8



#46
Tetrachloroethene
Concen: 53.281 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

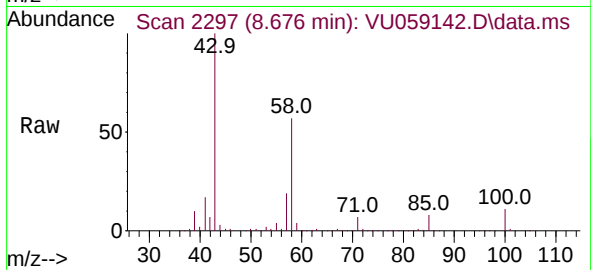
Tgt Ion:	164	Resp:	68359
Ion	Ratio	Lower	Upper
164	100		
129	101.9	74.5	138.5
131	99.9	70.6	131.0
166	132.5	95.1	176.7



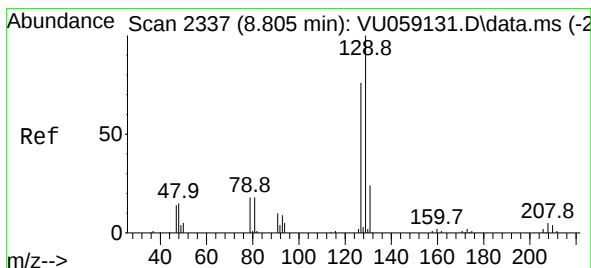
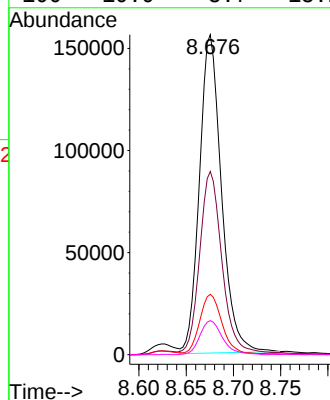
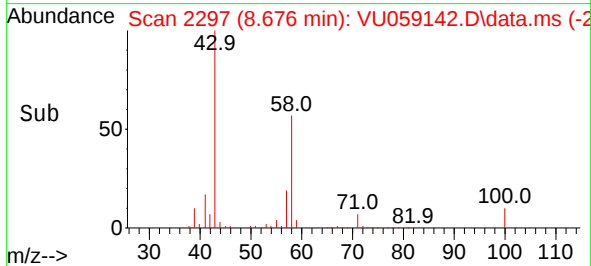


#48
2-Hexanone
Concen: 102.454 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

Instrument :
MSVOA_U
ClientSampleId :

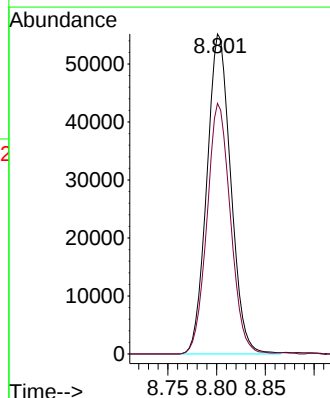
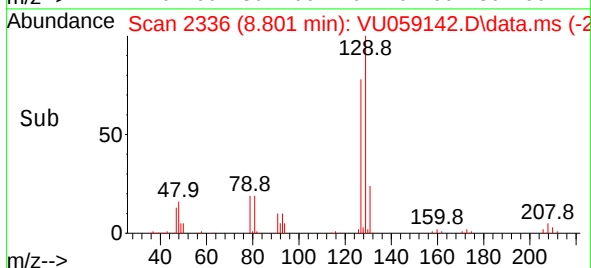
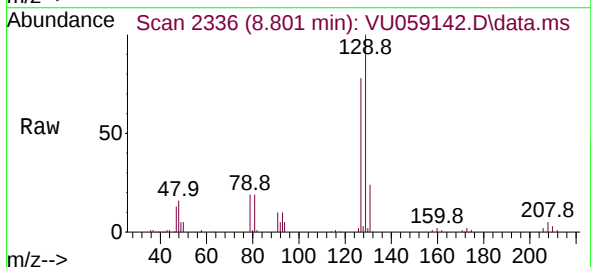


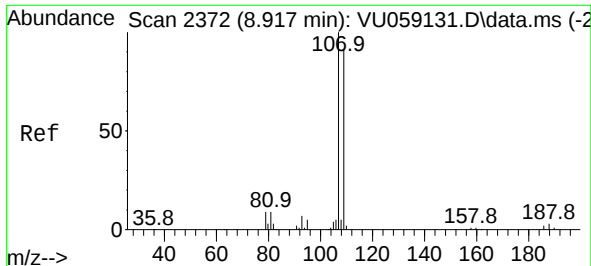
Tgt Ion: 43 Resp: 253046
Ion Ratio Lower Upper
43 100
58 57.2 45.9 68.9
57 18.7 16.3 24.5
100 10.9 8.7 13.1



#49
Dibromochloromethane
Concen: 51.954 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.004 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

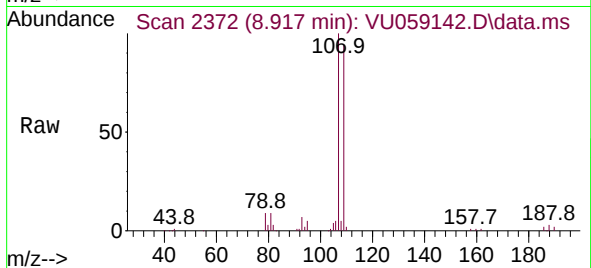
Tgt Ion: 129 Resp: 94299
Ion Ratio Lower Upper
129 100
127 78.3 53.3 98.9



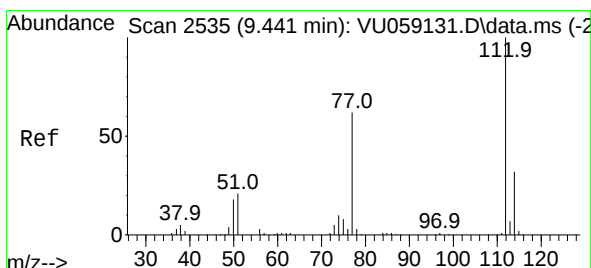
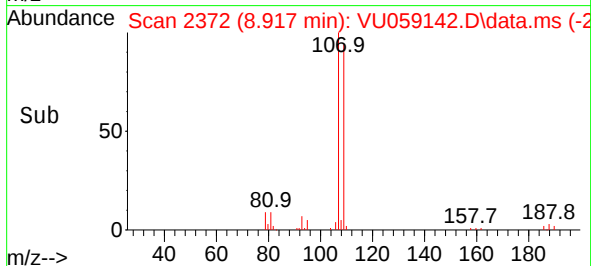
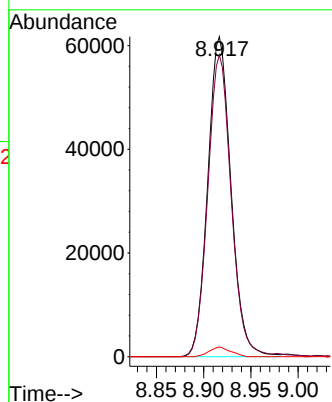


#50
1,2-Dibromoethane
Concen: 50.892 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

Instrument :
MSVOA_U
ClientSampleId :

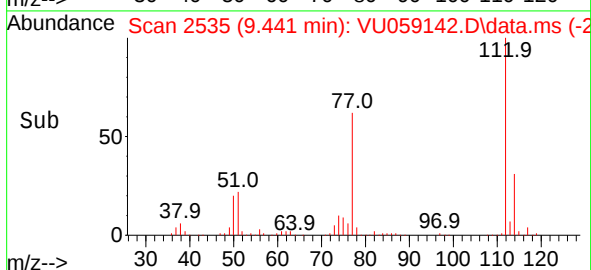
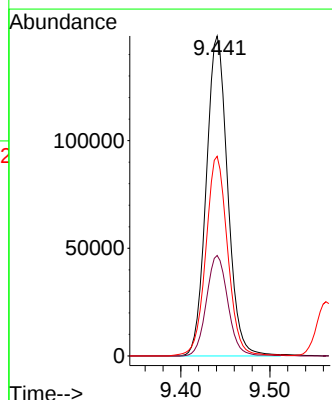
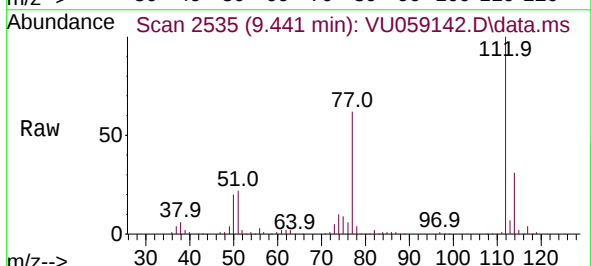


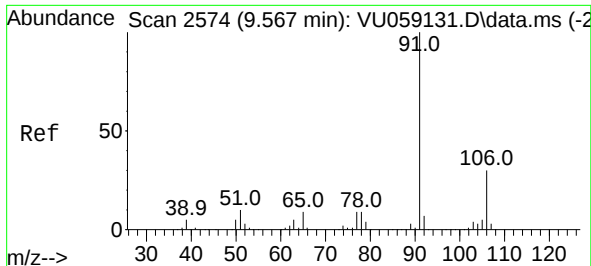
Tgt Ion:107 Resp: 105435
Ion Ratio Lower Upper
107 100
109 94.3 67.8 125.8
188 3.0 2.5 3.7



#51
Chlorobenzene
Concen: 52.081 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

Tgt Ion:112 Resp: 248208
Ion Ratio Lower Upper
112 100
114 31.4 22.1 41.1
77 62.4 49.8 74.6

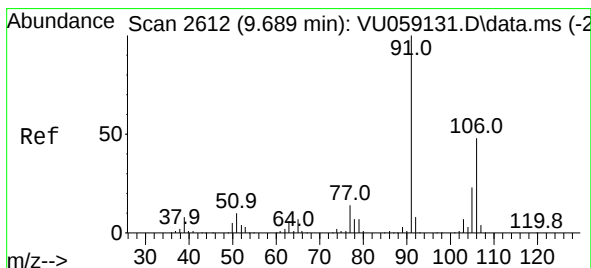
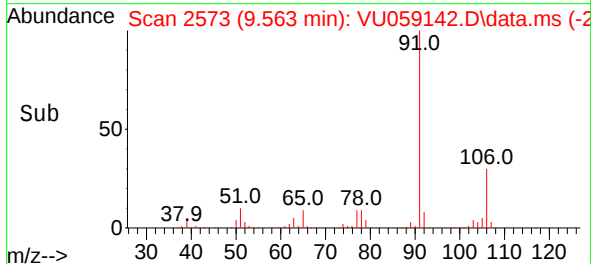
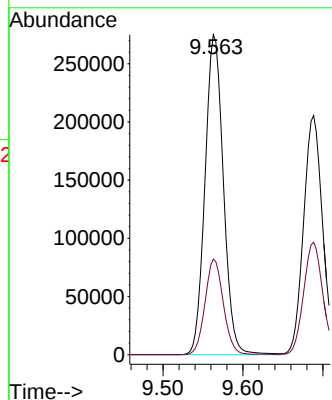
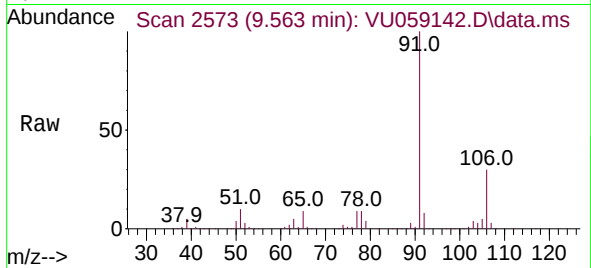




#52
Ethylbenzene
Concen: 54.118 ug/L
RT: 9.563 min Scan# 2574
Delta R.T. -0.004 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

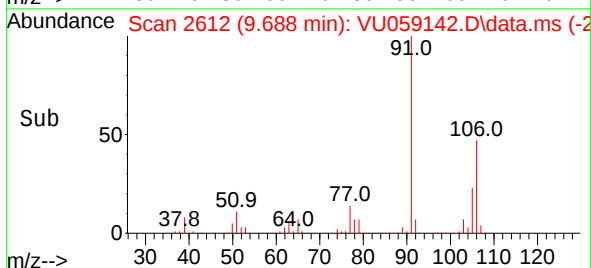
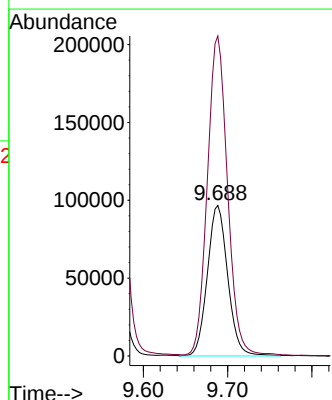
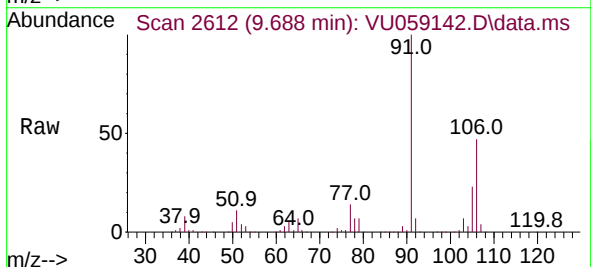
Instrument :
MSVOA_U
ClientSampleId :

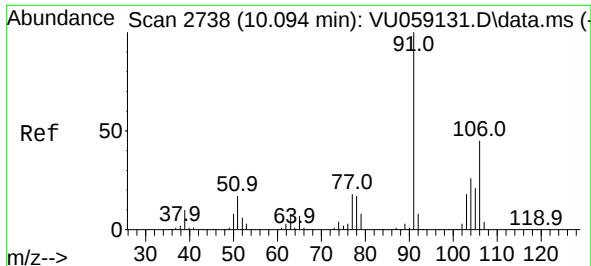
Tgt Ion: 91 Resp: 440551
Ion Ratio Lower Upper
91 100
106 29.9 21.0 39.0



#53
m,p-Xylene
Concen: 54.435 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

Tgt Ion:106 Resp: 162860
Ion Ratio Lower Upper
106 100
91 212.5 146.4 272.0

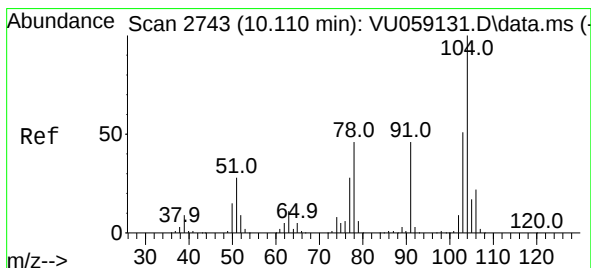
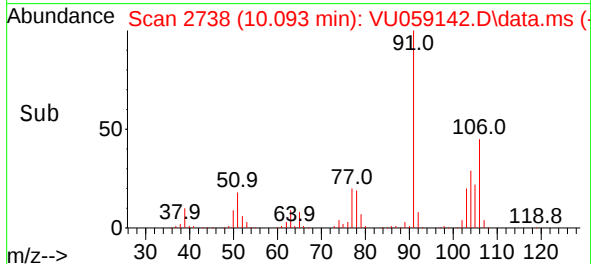
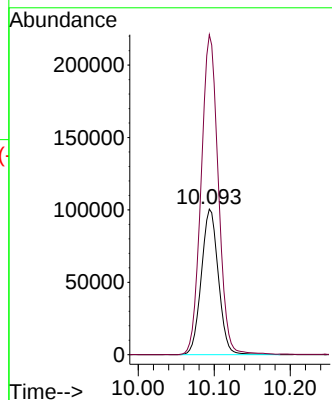
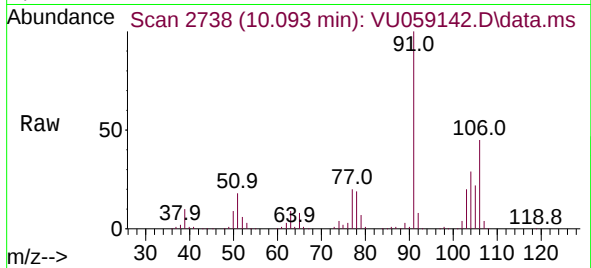




#54
o-Xylene
Concen: 53.967 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

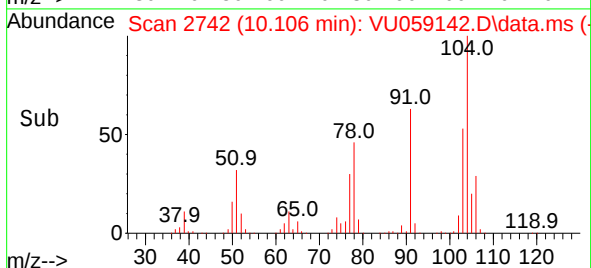
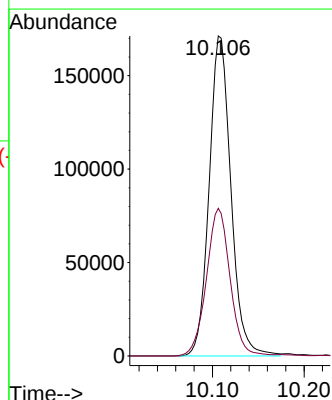
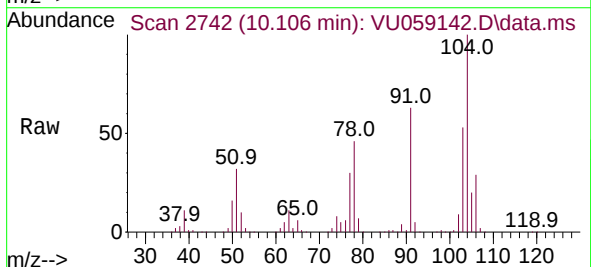
Instrument :
MSVOA_U
ClientSampleId :

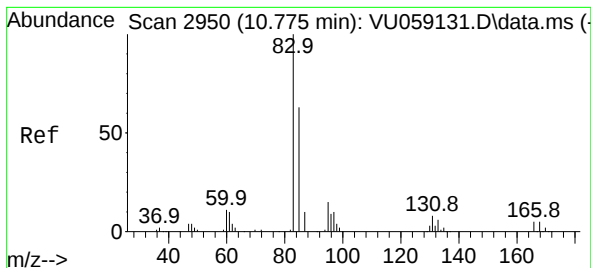
Tgt Ion:106 Resp: 156479
Ion Ratio Lower Upper
106 100
91 219.8 156.7 290.9



#55
Styrene
Concen: 57.355 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.004 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

Tgt Ion:104 Resp: 282679
Ion Ratio Lower Upper
104 100
78 46.2 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 49.811 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

Instrument :

MSVOA_U

ClientSampleId :

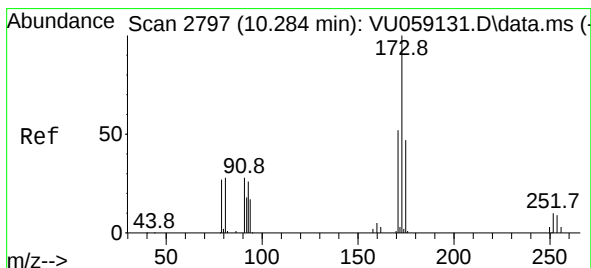
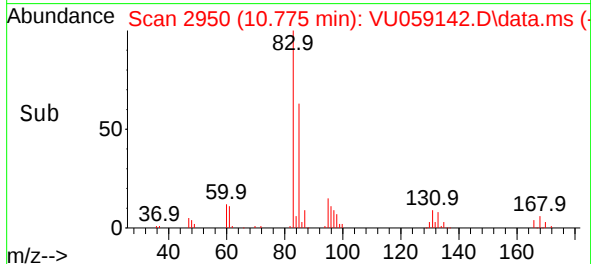
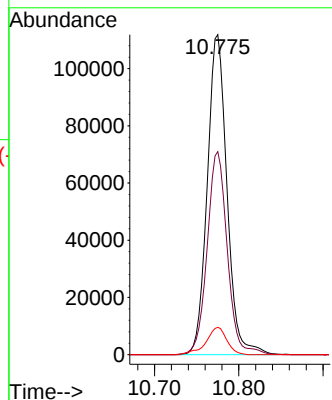
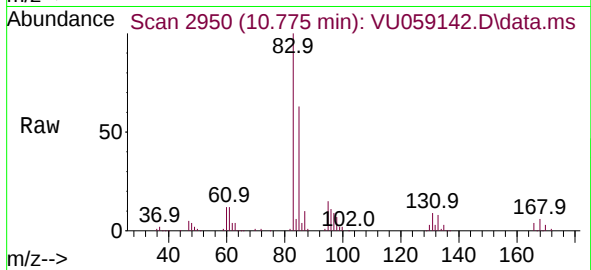
Tgt Ion: 83 Resp: 182238

Ion Ratio Lower Upper

83 100

85 63.5 46.1 85.7

131 8.6 7.0 10.4



#59

Bromoform

Concen: 48.017 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

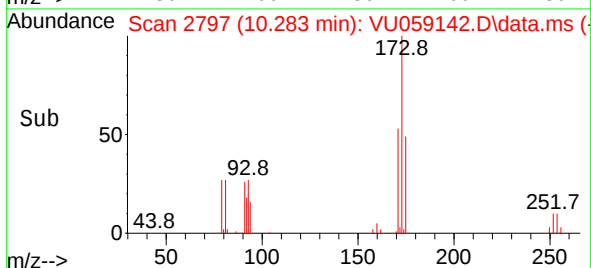
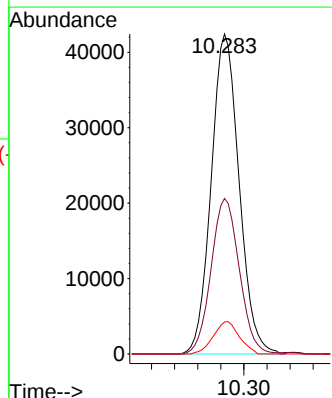
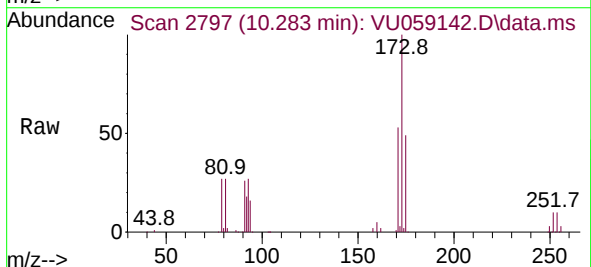
Tgt Ion:173 Resp: 70996

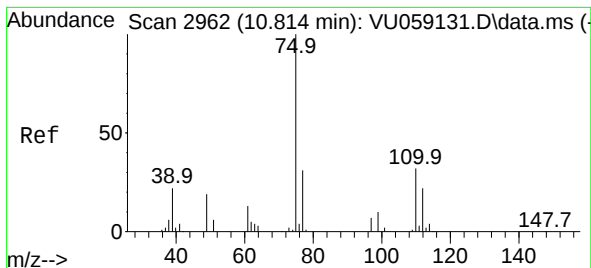
Ion Ratio Lower Upper

173 100

175 49.1 39.0 58.6

254 9.4 7.5 11.3





#60

1,2,3-Trichloropropane

Concen: 46.524 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

Instrument :

MSVOA_U

ClientSampleId :

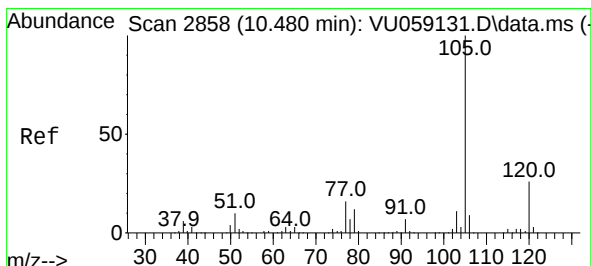
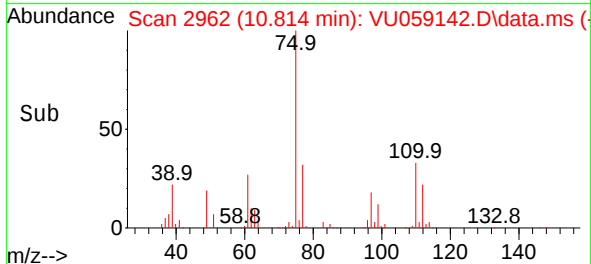
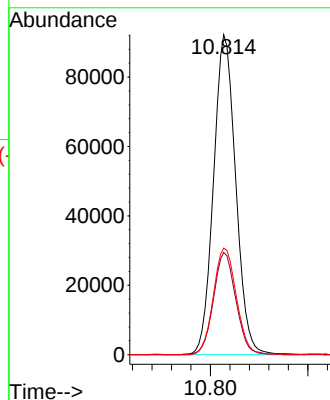
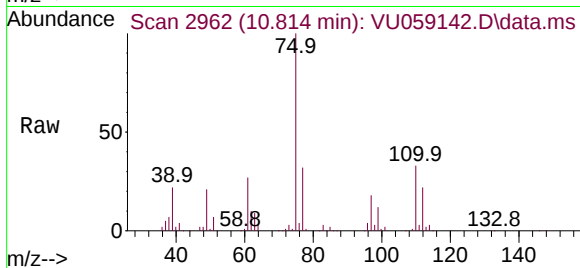
Tgt Ion: 75 Resp: 145894

Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.2

110 34.5 28.4 42.6



#61

Isopropylbenzene

Concen: 52.587 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

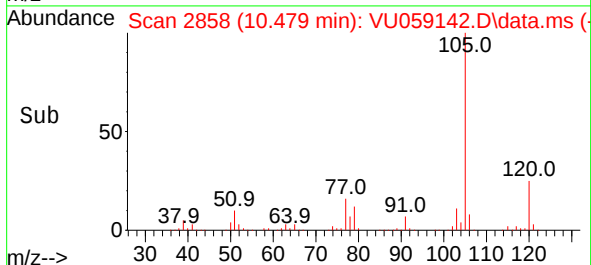
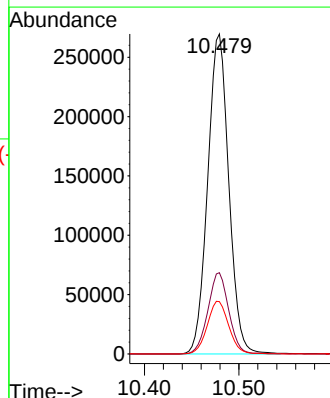
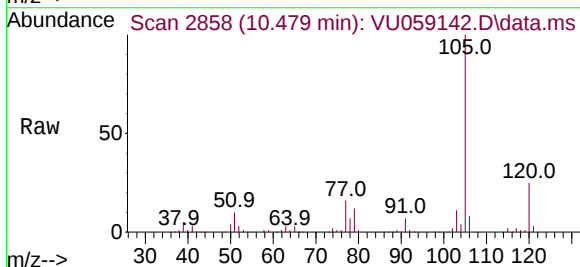
Tgt Ion:105 Resp: 417198

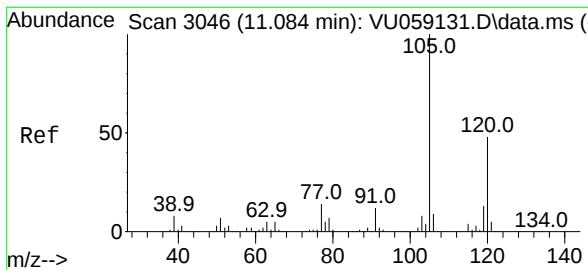
Ion Ratio Lower Upper

105 100

120 25.2 20.3 30.5

77 16.8 13.4 20.0

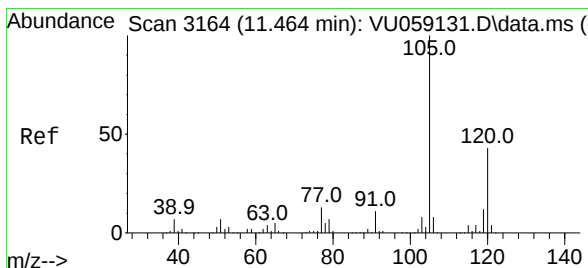
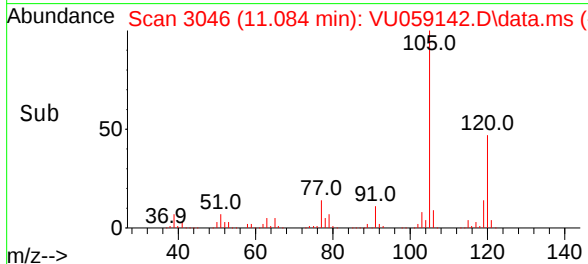
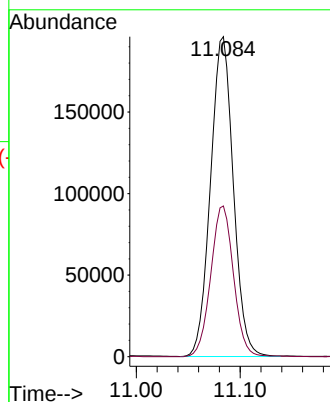
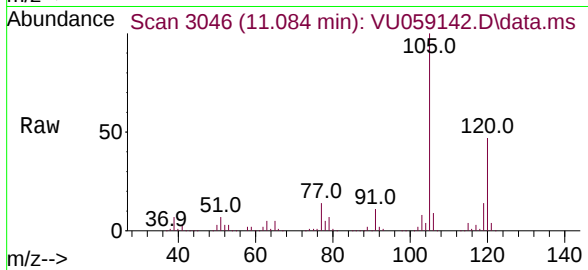




#62
1,3,5-Trimethylbenzene
Concen: 52.017 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

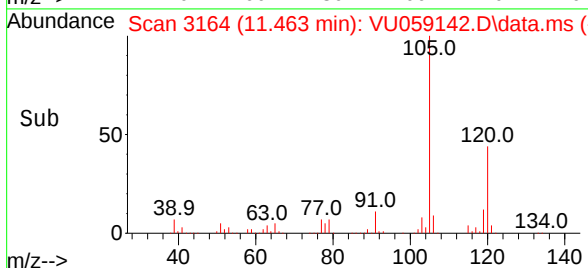
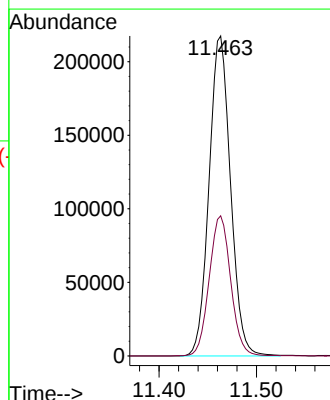
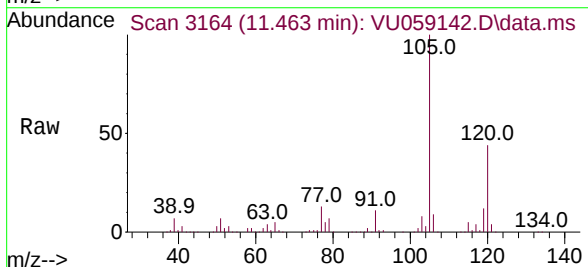
Instrument :
MSVOA_U
ClientSampleId :

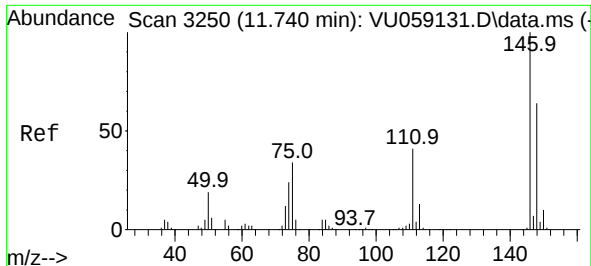
Tgt Ion:105 Resp: 298998
Ion Ratio Lower Upper
105 100
120 47.0 37.8 56.8



#63
1,2,4-Trimethylbenzene
Concen: 53.450 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU059142.D
Acq: 04 Jun 2024 16:38

Tgt Ion:105 Resp: 333057
Ion Ratio Lower Upper
105 100
120 43.7 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 51.350 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

Instrument :

MSVOA_U

ClientSampleId :

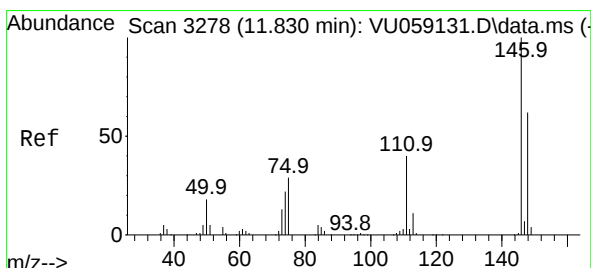
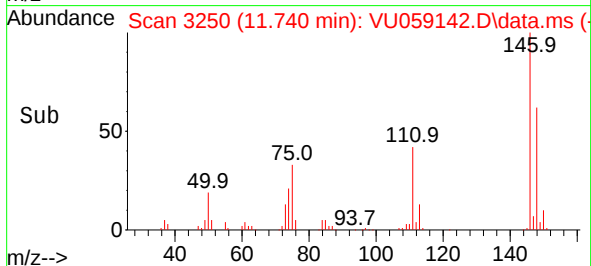
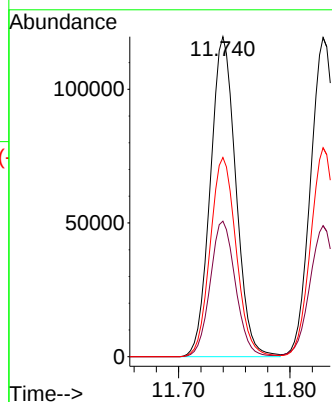
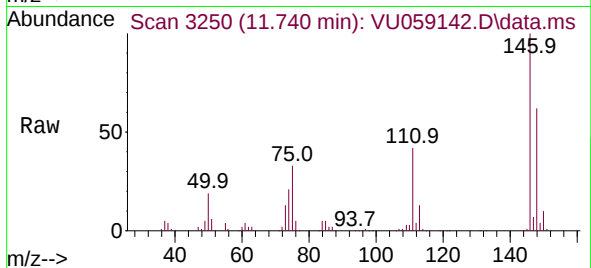
Tgt Ion:146 Resp: 190402

Ion Ratio Lower Upper

146 100

111 42.3 28.7 53.3

148 62.3 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 51.159 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

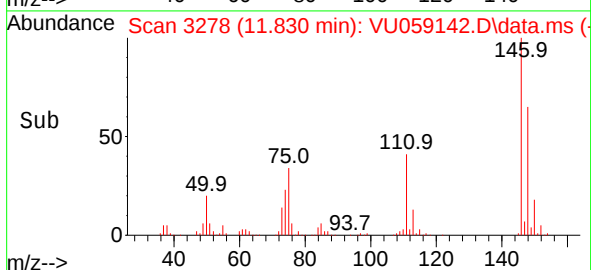
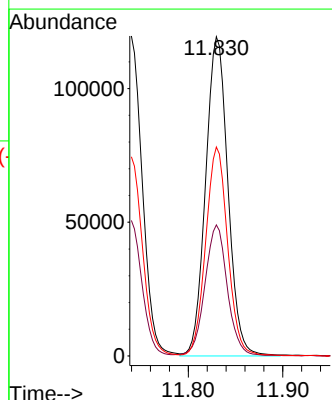
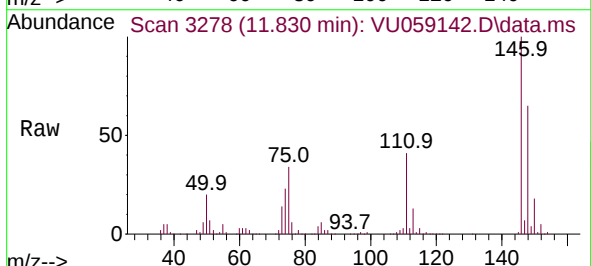
Tgt Ion:146 Resp: 195910

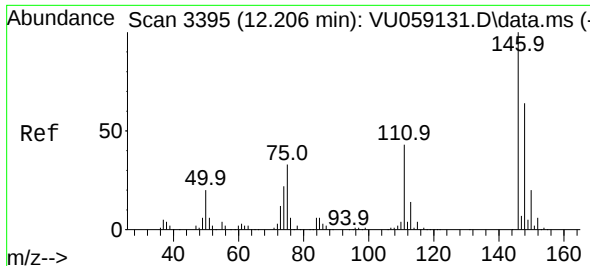
Ion Ratio Lower Upper

146 100

111 41.0 27.9 51.9

148 65.5 45.7 84.9





#67

1,2-Dichlorobenzene

Concen: 49.187 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

Instrument :

MSVOA_U

ClientSampleId :

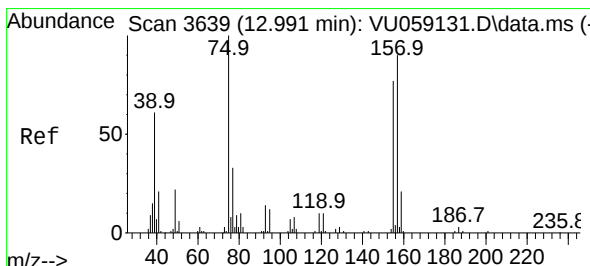
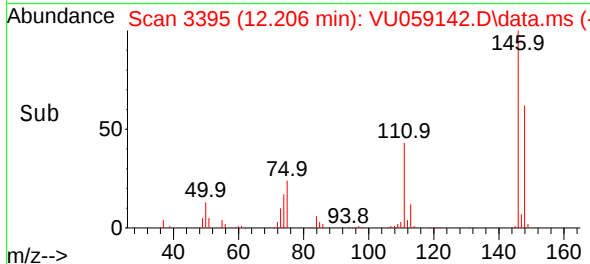
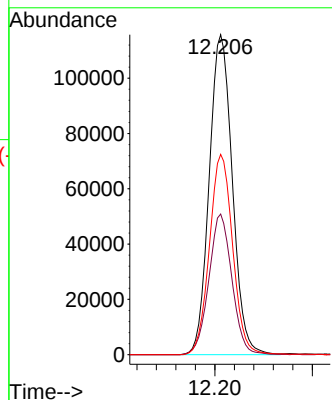
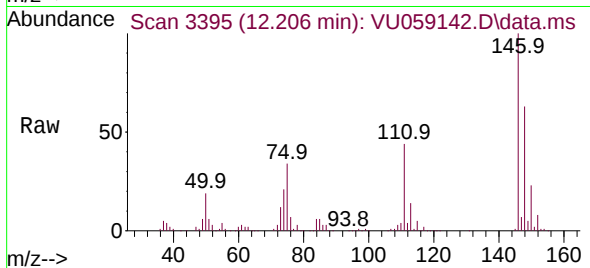
Tgt Ion:146 Resp: 190620

Ion Ratio Lower Upper

146 100

111 43.9 33.4 50.2

148 62.6 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 49.326 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.004 min

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

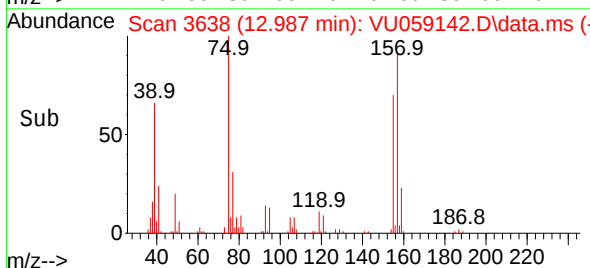
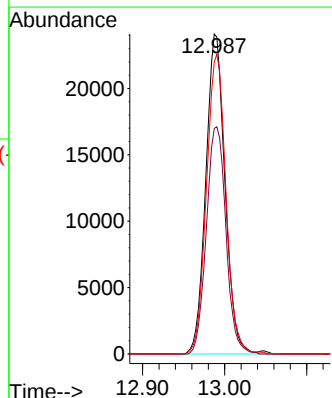
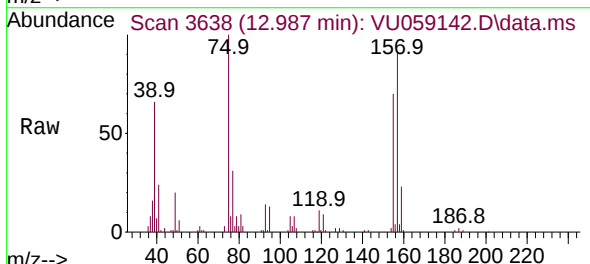
Tgt Ion: 75 Resp: 39214

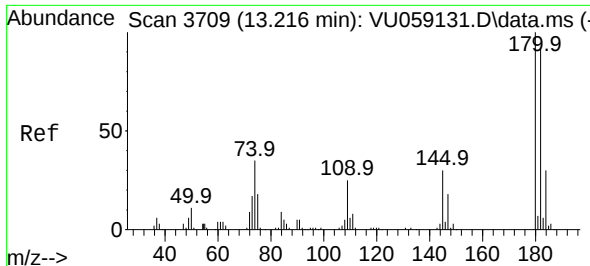
Ion Ratio Lower Upper

75 100

155 74.1 57.5 86.3

157 91.3 73.4 110.2





#69

1,3,5-Trichlorobenzene

Concen: 50.638 ug/L

RT: 13.212 min Scan# 3709

Delta R.T. -0.004 min

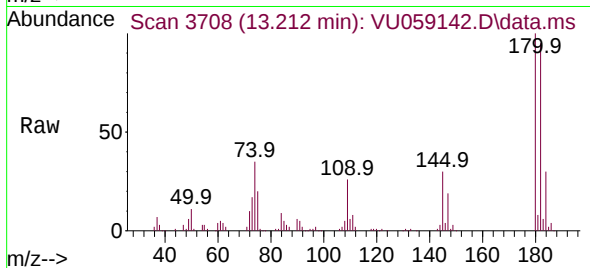
Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 124002

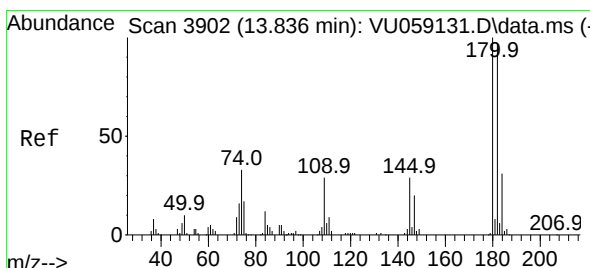
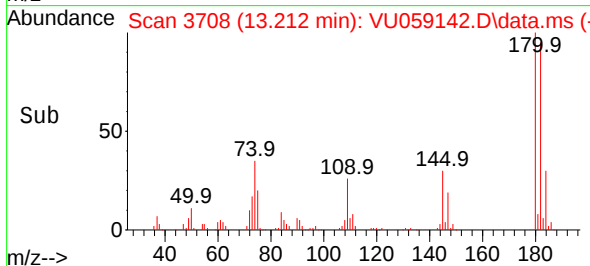
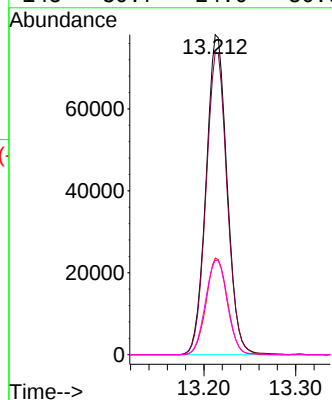
Ion Ratio Lower Upper

180 100

182 95.2 75.6 113.4

184 30.7 24.2 36.2

145 30.7 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 53.298 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

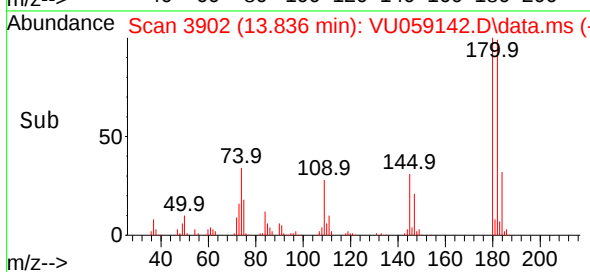
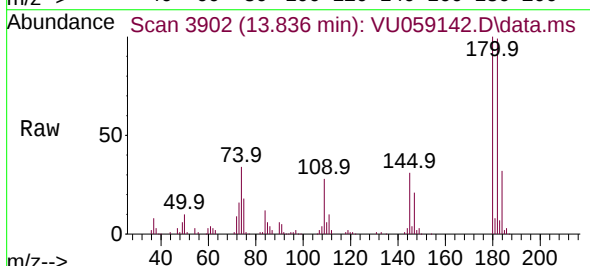
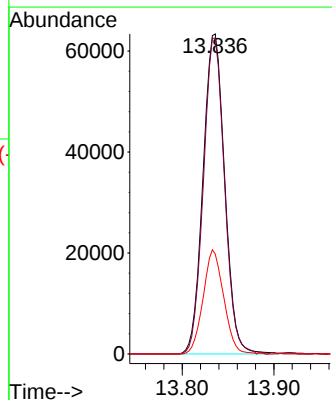
Tgt Ion:180 Resp: 104242

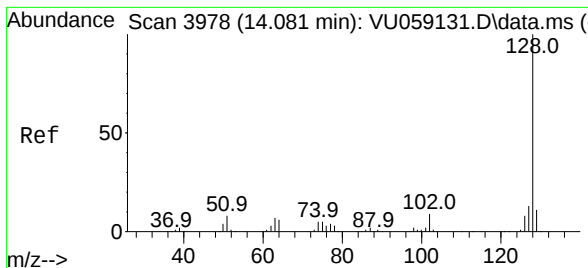
Ion Ratio Lower Upper

180 100

182 95.7 77.4 116.2

145 30.9 24.8 37.2





#71

Naphthalene

Concen: 47.728 ug/L

RT: 14.080 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

Instrument :

MSVOA_U

ClientSampleId :

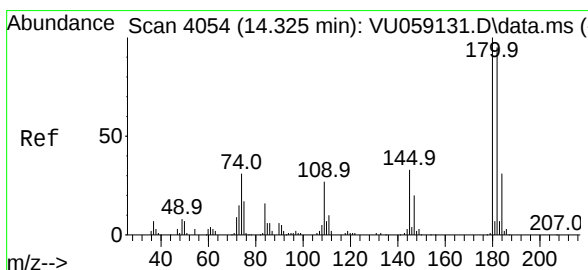
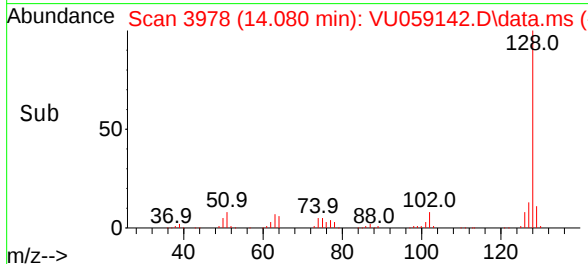
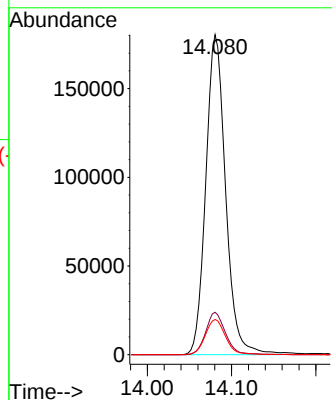
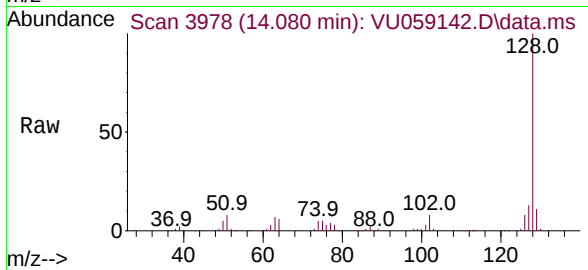
Tgt Ion:128 Resp: 295474

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.2 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 53.780 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.004 min

Lab File: VU059142.D

Acq: 04 Jun 2024 16:38

Tgt Ion:180 Resp: 106938

Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.4

145 32.6 26.4 39.6

