

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071524\
 Data File : VU059961.D
 Acq On : 15 Jul 2024 19:07
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 16 05:51:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 05:46:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	222389	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	229949	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	121820	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.596	65	65365	45.777	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.560%
7) Chloroethane-d5	1.895	69	59070	49.182	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.360%
11) 1,1-Dichloroethene-d2	2.557	63	115593	45.568	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.140%
21) 2-Butanone-d5	4.615	46	129215	130.214	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	130.210%#
24) Chloroform-d	5.055	84	141865	51.305	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.695	65	82563	50.217	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.440%
32) Benzene-d6	5.721	84	271838	46.166	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.340%
36) 1,2-Dichloropropane-d6	6.682	67	89100	48.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.780%
41) Toluene-d8	7.894	98	253751	45.315	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.640%
43) trans-1,3-Dichloroprop...	8.177	79	37141	43.553	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.100%
47) 2-Hexanone-d5	8.627	63	89042	115.934	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.930%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	152040	54.355	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.700%
66) 1,2-Dichlorobenzene-d4	12.190	152	100836	45.045	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.380	85	68073	49.287	ug/L	100
3) Chloromethane	1.518	50	81068	59.814	ug/L	97
5) Vinyl chloride	1.599	62	91463	57.487	ug/L	100
6) Bromomethane	1.834	94	45453	54.388	ug/L	100
8) Chloroethane	1.917	64	59489	57.432	ug/L	98
9) Trichlorofluoromethane	2.126	101	114795	51.825	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	73656	52.240	ug/L	98
12) 1,1-Dichloroethene	2.570	96	67571	51.244	ug/L	86
13) Acetone	2.618	43	87724	85.850	ug/L	95
14) Carbon disulfide	2.782	76	164174	49.330	ug/L	100
15) Methyl Acetate	2.943	43	96959	62.936	ug/L	98
16) Methylene chloride	3.033	84	87502	52.624	ug/L	99
17) trans-1,2-Dichloroethene	3.345	96	68999	50.828	ug/L	96
18) Methyl tert-butyl Ether	3.358	73	227028	51.491	ug/L	99
19) 1,1-Dichloroethane	3.859	63	142629	55.396	ug/L	98
20) cis-1,2-Dichloroethene	4.660	96	85595	52.071	ug/L	98
22) 2-Butanone	4.695	43	138996	110.561	ug/L	97
23) Bromochloromethane	4.968	128	47435	54.709	ug/L	96
25) Chloroform	5.078	83	153993	55.581	ug/L	96

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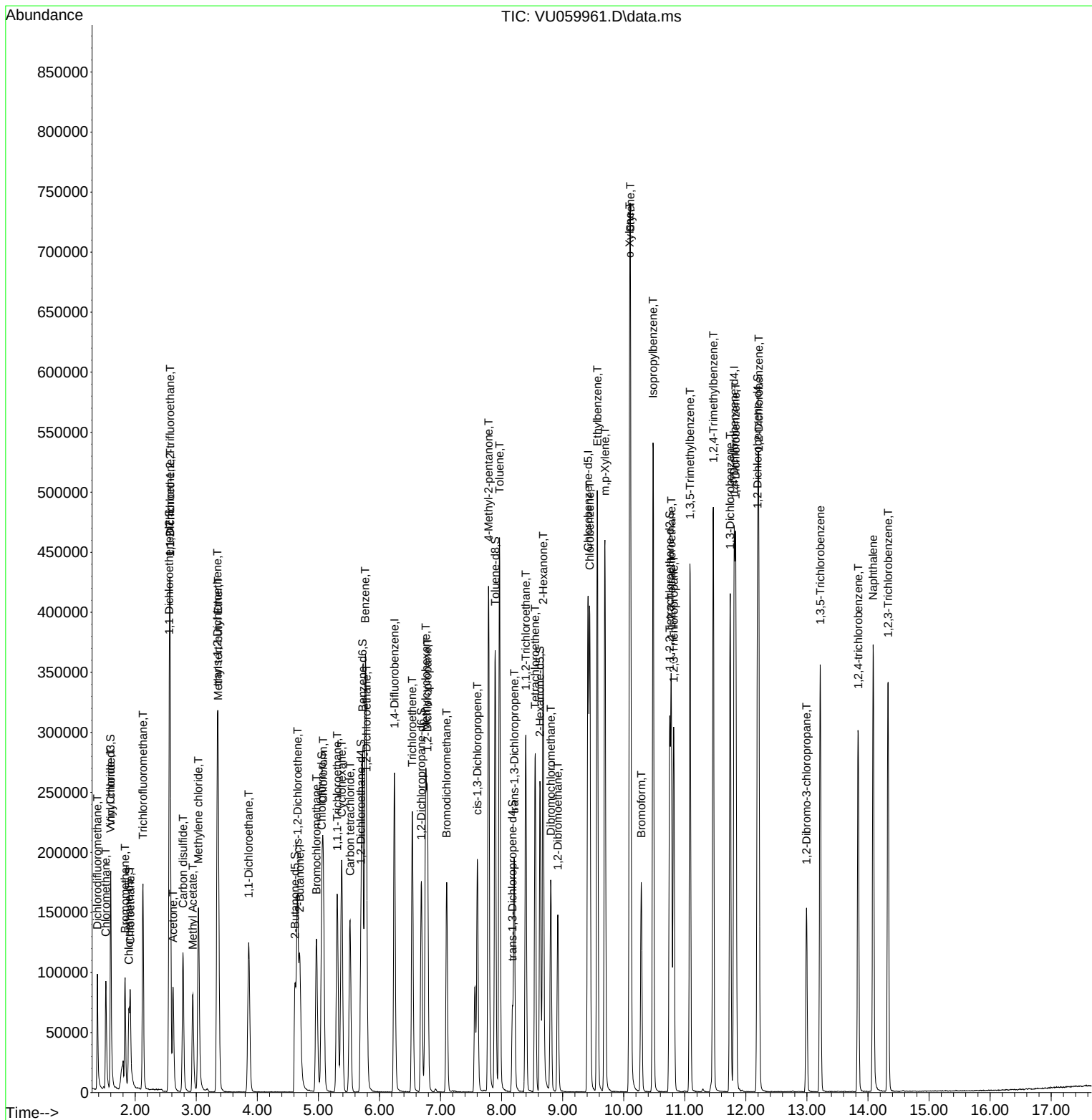
Instrument :
 MSVOA_U
 ClientSampleId :

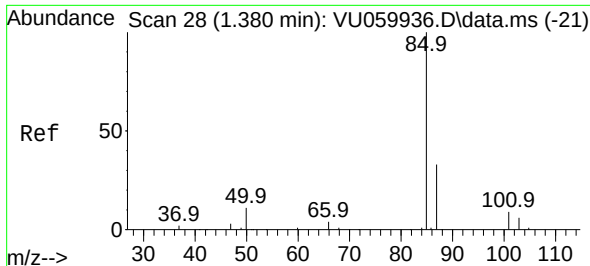
Quant Time: Jul 16 05:51:48 2024
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	116113	55.205	ug/L	99
29) Cyclohexane	5.383	56	90717	44.059	ug/L	99
30) 1,1,1-Trichloroethane	5.309	97	121248	50.898	ug/L	99
31) Carbon tetrachloride	5.518	117	99302	50.464	ug/L	99
33) Benzene	5.766	78	323727	52.134	ug/L	100
34) Trichloroethene	6.538	95	82049	49.515	ug/L	98
35) Methylcyclohexane	6.756	83	99595	43.520	ug/L	98
37) 1,2-Dichloropropane	6.785	63	92622	54.191	ug/L	100
38) Bromodichloromethane	7.100	83	115044	53.122	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	121398	46.423	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	250124	115.786	ug/L	99
42) Toluene	7.965	91	350754	51.742	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	112795	46.958	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	95821	53.532	ug/L	98
46) Tetrachloroethene	8.550	164	65082	47.743	ug/L	96
48) 2-Hexanone	8.679	43	211875	117.191	ug/L	99
49) Dibromochloromethane	8.804	129	93746	53.154	ug/L	97
50) 1,2-Dibromoethane	8.920	107	98903	52.846	ug/L	100
51) Chlorobenzene	9.444	112	224103	49.797	ug/L	99
52) Ethylbenzene	9.566	91	349503	48.280	ug/L	98
53) m,p-Xylene	9.692	106	135565	48.096	ug/L	99
54) o-Xylene	10.097	106	133918	49.408	ug/L	99
55) Styrene	10.110	104	244987	53.576	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	170006	56.319	ug/L	100
59) Bromoform	10.287	173	80782	54.843	ug/L	99
60) 1,2,3-Trichloropropane	10.817	75	133604	57.788	ug/L	98
61) Isopropylbenzene	10.479	105	345055	48.592	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	236802	45.553	ug/L	98
63) 1,2,4-Trimethylbenzene	11.467	105	261278	46.923	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	180528	49.020	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	186022	48.862	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	185718	49.920	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	38861	61.463	ug/L	99
69) 1,3,5-Trichlorobenzene	13.219	180	119745	45.098	ug/L	100
70) 1,2,4-trichlorobenzene	13.839	180	101165	42.272	ug/L	99
71) Naphthalene	14.084	128	318209	46.011	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	113165	47.130	ug/L	98

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

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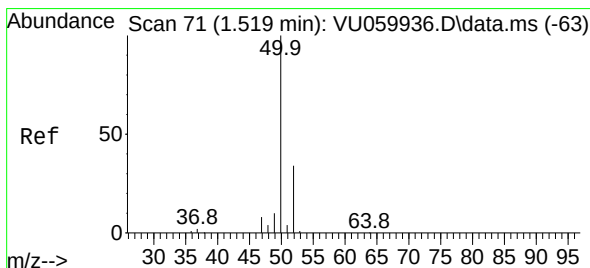
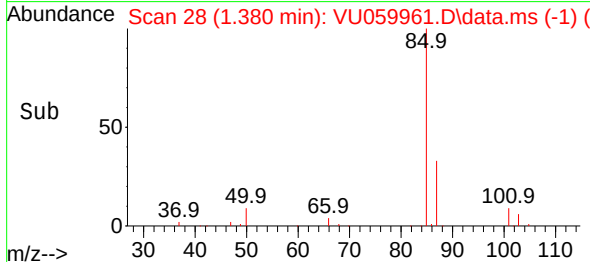
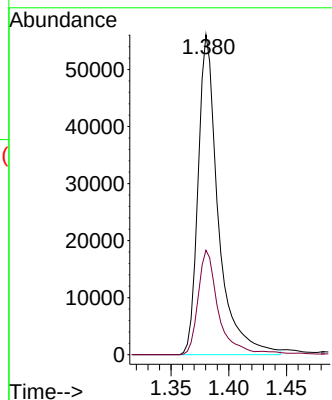
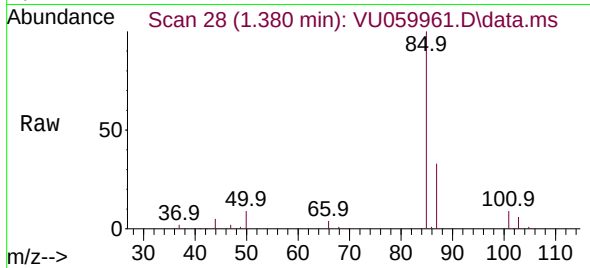




#2
 Dichlorodifluoromethane
 Concen: 49.287 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU059961.D
 Acq: 15 Jul 2024 19:07

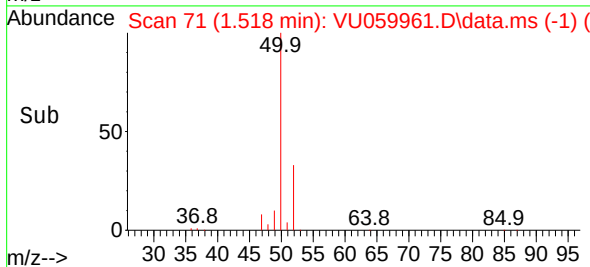
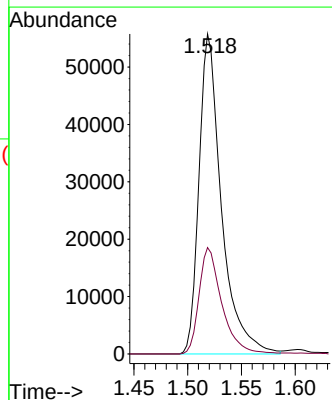
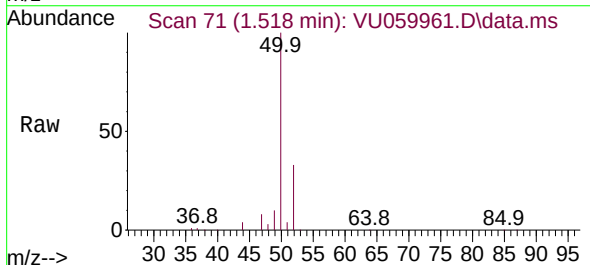
Instrument :
 MSVOA_U
 ClientSampleId :

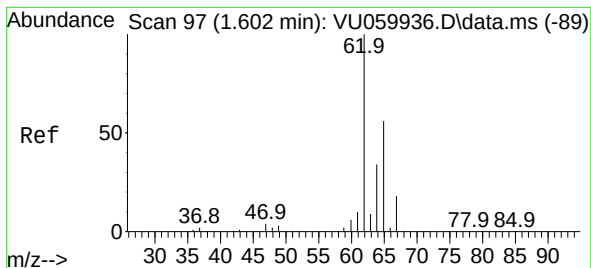
Tgt Ion: 85 Resp: 68073
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.4 38.2



#3
 Chloromethane
 Concen: 59.814 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU059961.D
 Acq: 15 Jul 2024 19:07

Tgt Ion: 50 Resp: 81068
 Ion Ratio Lower Upper
 50 100
 52 33.3 24.5 45.5





#5

Vinyl chloride

Concen: 57.487 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU059961.D

Acq: 15 Jul 2024 19:07

Instrument :

MSVOA_U

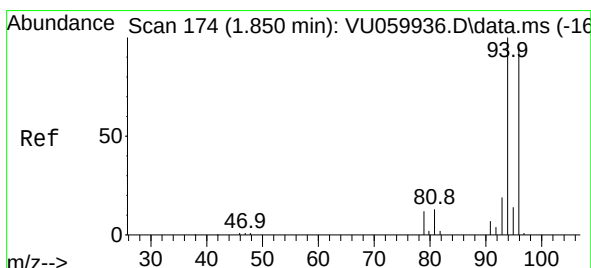
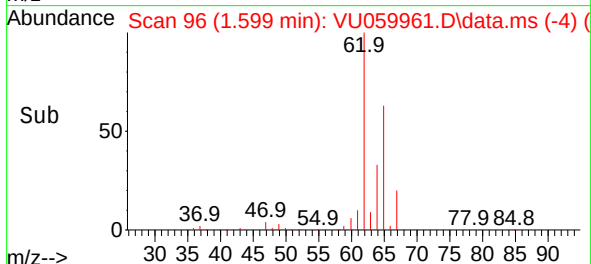
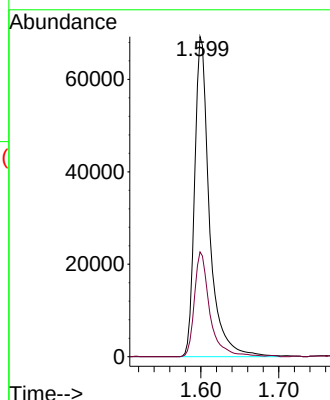
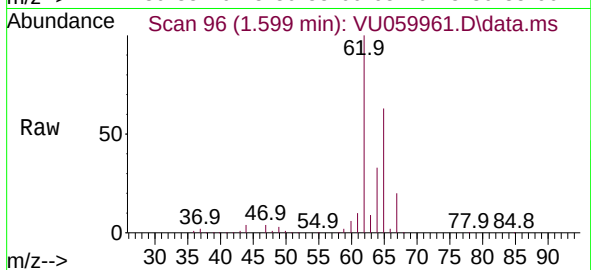
ClientSampleId :

Tgt Ion: 62 Resp: 91463

Ion Ratio Lower Upper

62 100

64 32.8 22.9 42.5



#6

Bromomethane

Concen: 54.388 ug/L

RT: 1.834 min Scan# 169

Delta R.T. -0.016 min

Lab File: VU059961.D

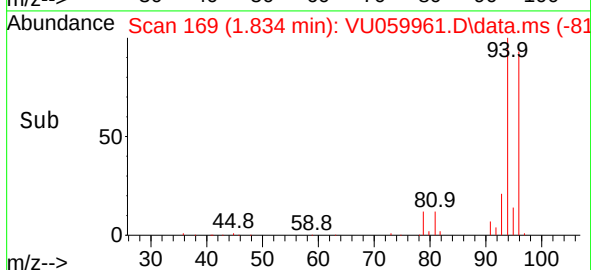
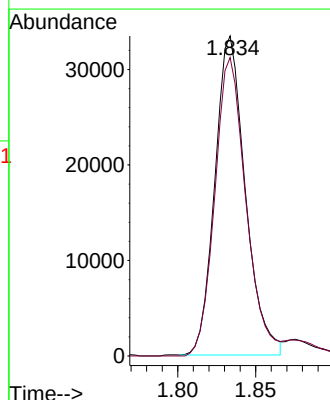
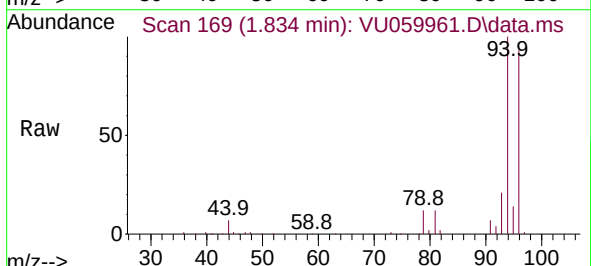
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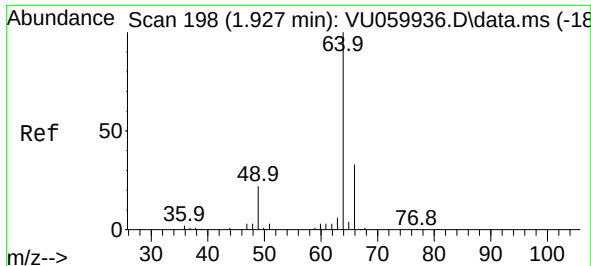
Tgt Ion: 94 Resp: 45453

Ion Ratio Lower Upper

94 100

96 93.3 65.2 121.2

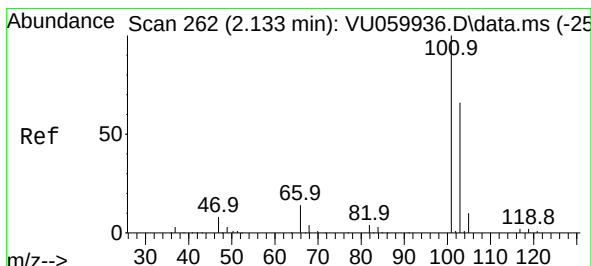
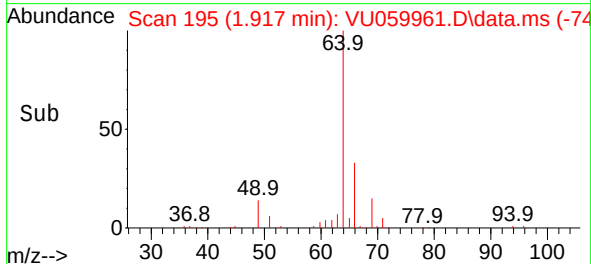
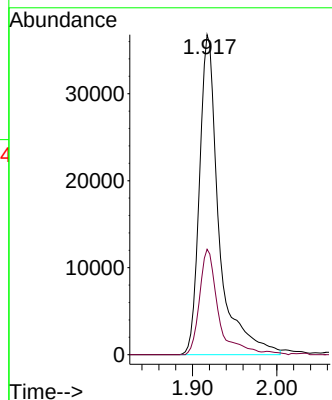
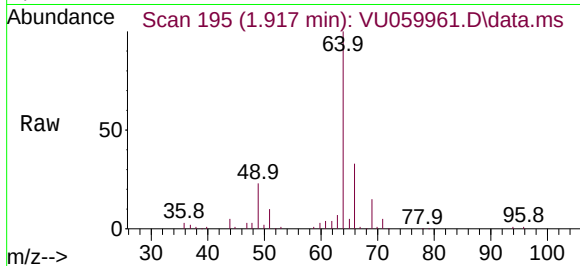




#8
Chloroethane
Concen: 57.432 ug/L
RT: 1.917 min Scan# 195
Delta R.T. -0.010 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

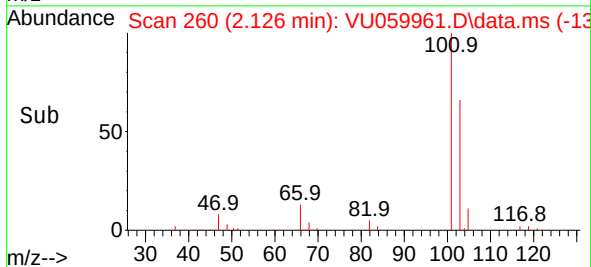
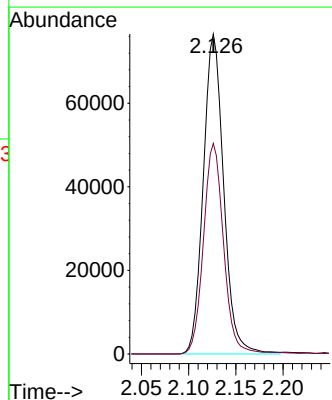
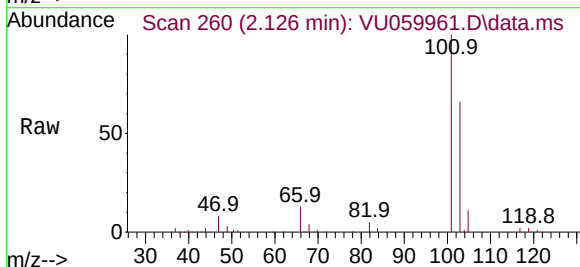
Instrument :
MSVOA_U
ClientSampleId :

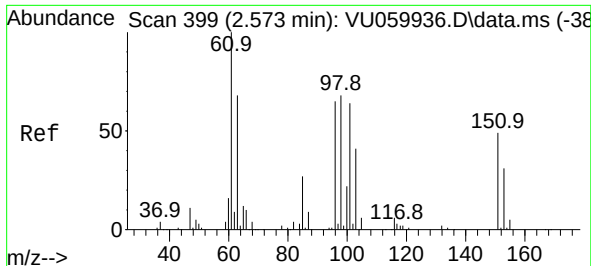
Tgt Ion: 64 Resp: 59489
Ion Ratio Lower Upper
64 100
66 33.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 51.825 ug/L
RT: 2.126 min Scan# 260
Delta R.T. -0.006 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

Tgt Ion:101 Resp: 114795
Ion Ratio Lower Upper
101 100
103 64.5 52.3 78.5

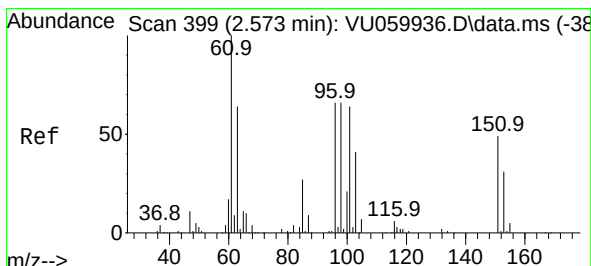
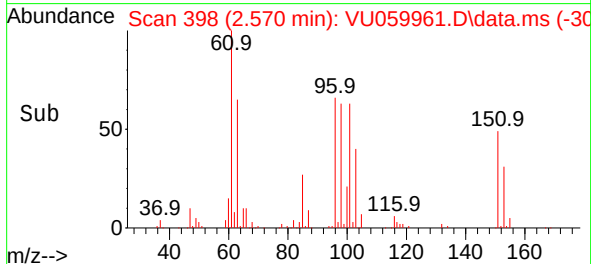
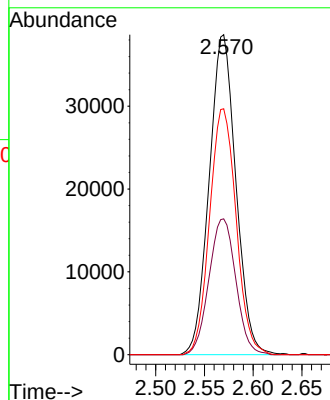
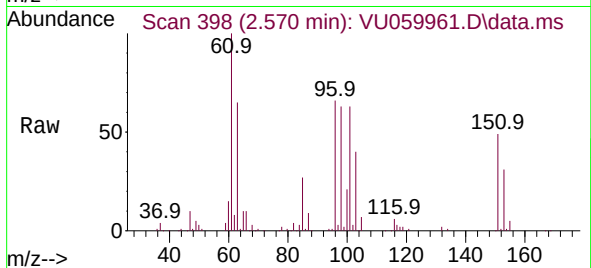




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.240 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

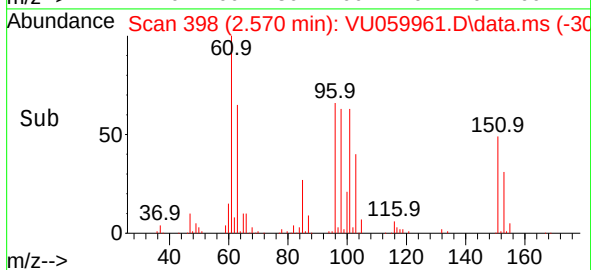
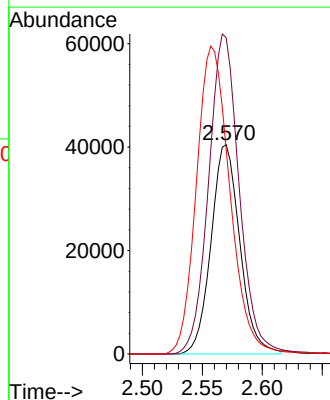
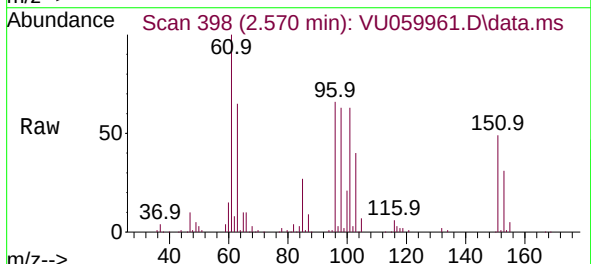
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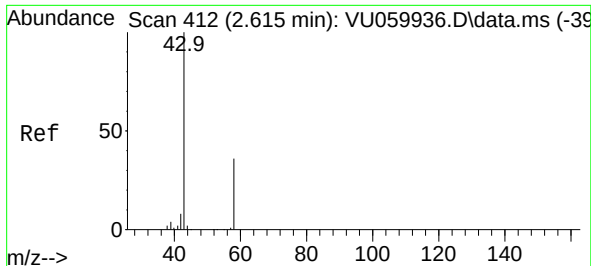
Tgt Ion:101 Resp: 73656
Ion Ratio Lower Upper
101 100
85 42.7 34.8 52.2
151 76.2 62.3 93.5



#12
1,1-Dichloroethene
Concen: 51.244 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

Tgt Ion: 96 Resp: 67571
Ion Ratio Lower Upper
96 100
61 151.1 112.2 208.4
63 98.0 87.4 162.2





#13

Acetone

Concen: 85.850 ug/L

RT: 2.618 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU059961.D

Acq: 15 Jul 2024 19:07

Instrument :

MSVOA_U

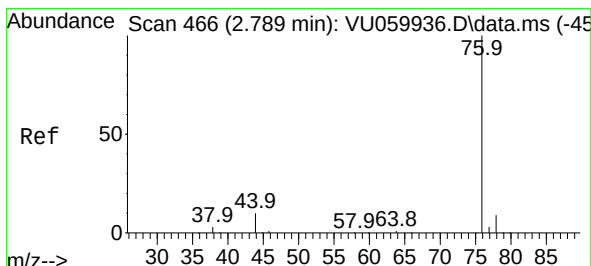
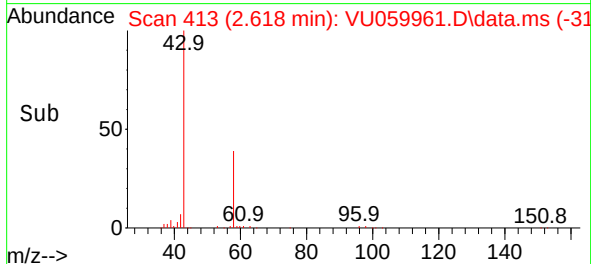
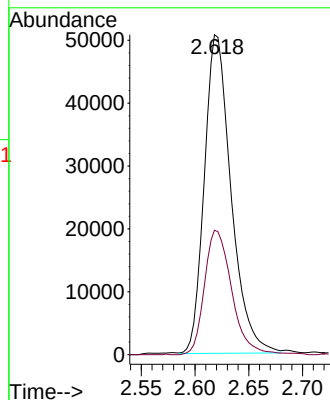
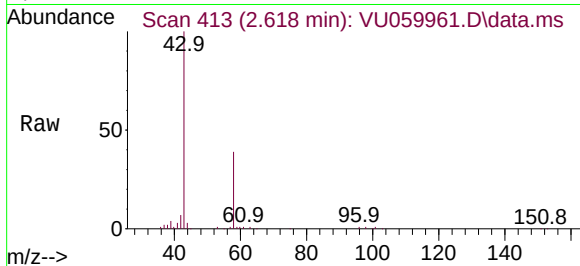
ClientSampleId :

Tgt Ion: 43 Resp: 87724

Ion Ratio Lower Upper

43 100

58 40.0 0.0 73.8



#14

Carbon disulfide

Concen: 49.330 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.006 min

Lab File: VU059961.D

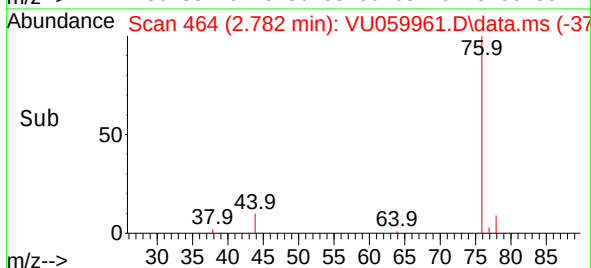
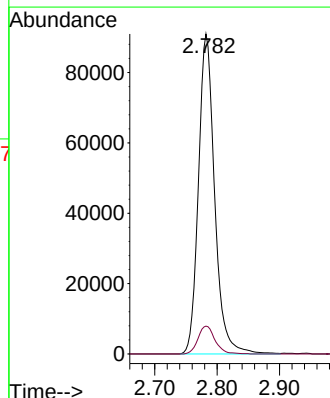
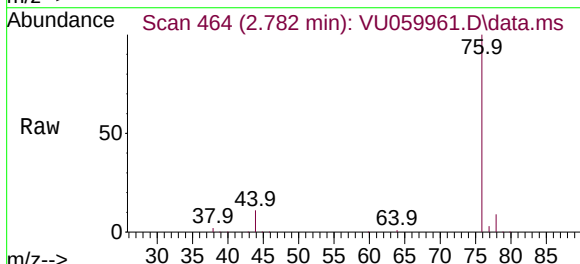
Acq: 15 Jul 2024 19:07

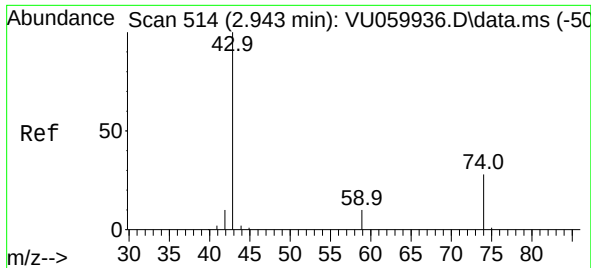
Tgt Ion: 76 Resp: 164174

Ion Ratio Lower Upper

76 100

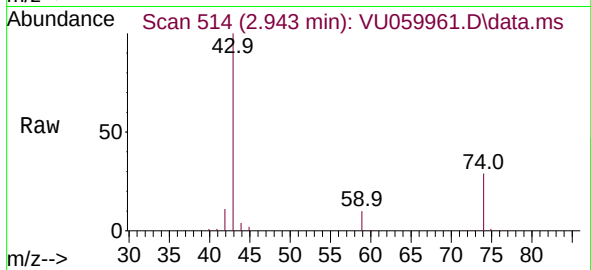
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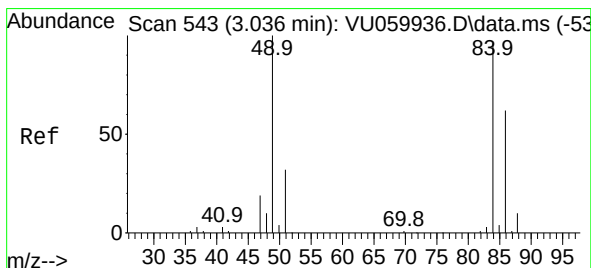
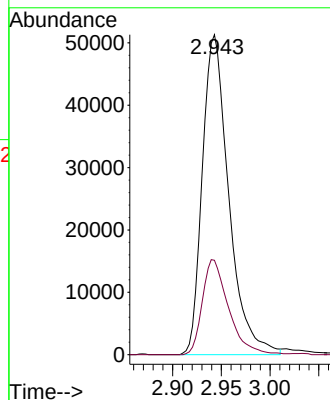
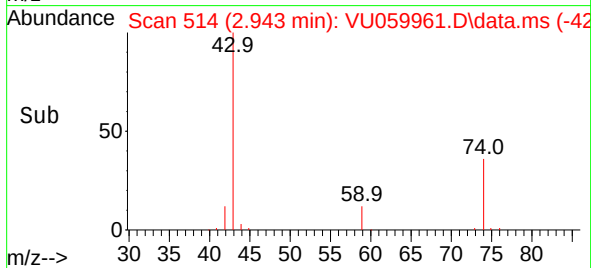


#15
Methyl Acetate
Concen: 62.936 ug/L
RT: 2.943 min Scan# 514
Delta R.T. -0.000 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

Instrument :
MSVOA_U
ClientSampleId :

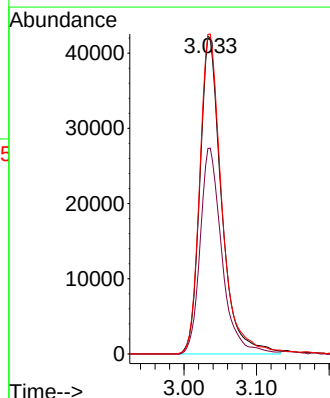
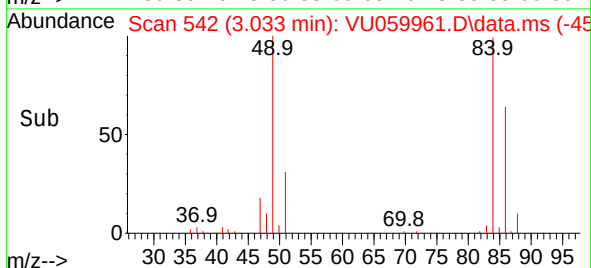
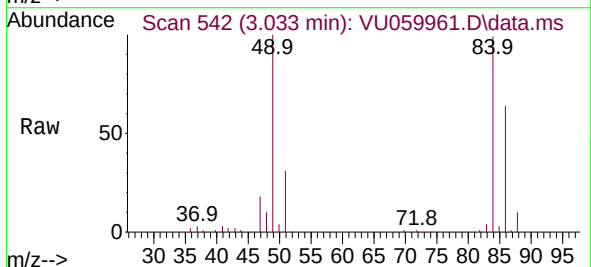


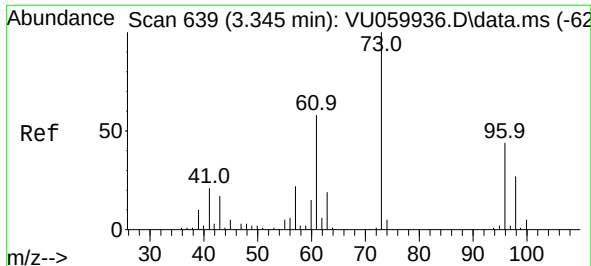
Tgt Ion: 43 Resp: 96959
Ion Ratio Lower Upper
43 100
74 29.2 24.1 36.1



#16
Methylene chloride
Concen: 52.624 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.003 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

Tgt Ion: 84 Resp: 87502
Ion Ratio Lower Upper
84 100
86 64.7 44.7 83.1
49 100.6 71.6 133.0

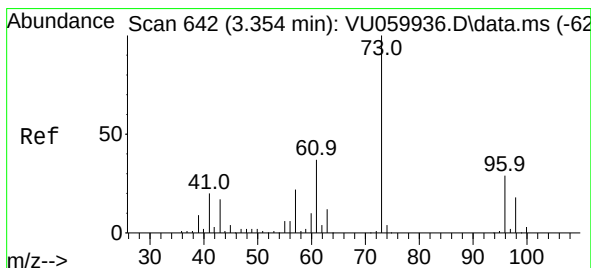
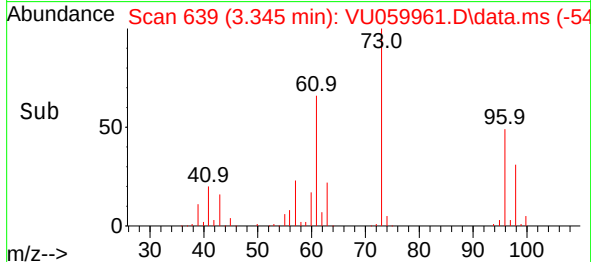
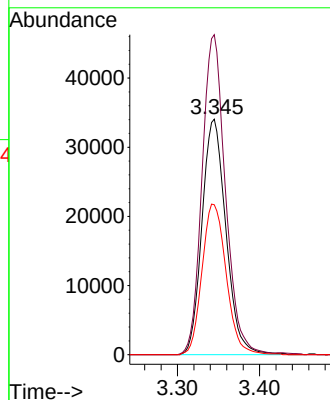
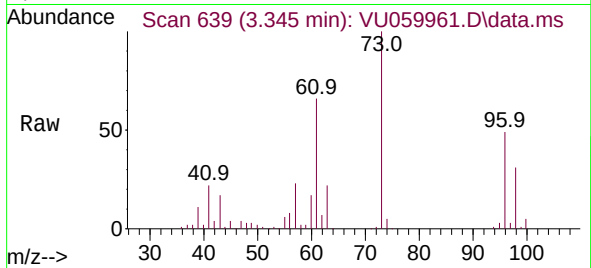




#17
trans-1,2-Dichloroethene
Concen: 50.828 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

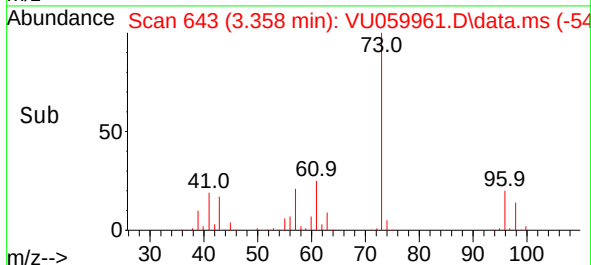
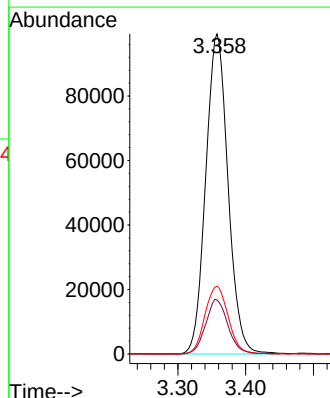
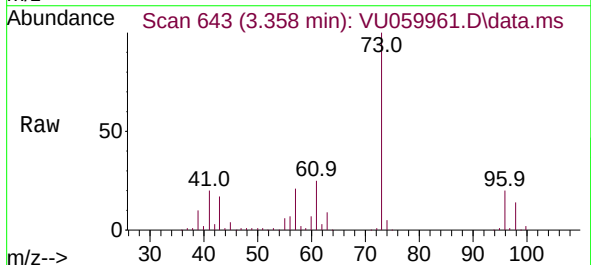
Instrument :
MSVOA_U
ClientSampleId :

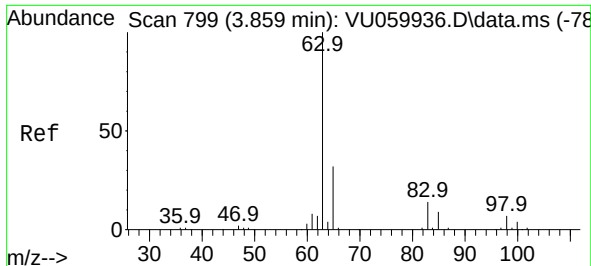
Tgt Ion: 96 Resp: 68999
Ion Ratio Lower Upper
96 100
61 135.8 90.6 168.3
98 63.7 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 51.491 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

Tgt Ion: 73 Resp: 227028
Ion Ratio Lower Upper
73 100
43 17.0 14.1 21.1
57 21.9 17.1 25.7





#19

1,1-Dichloroethane

Concen: 55.396 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU059961.D

Acq: 15 Jul 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

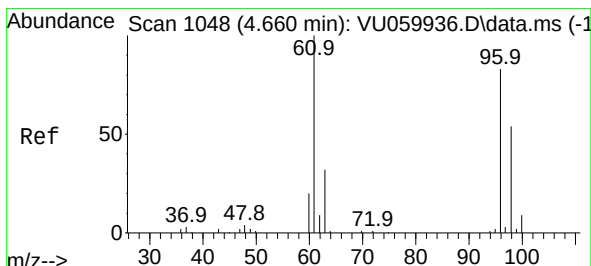
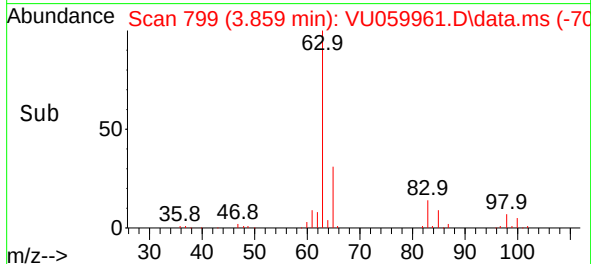
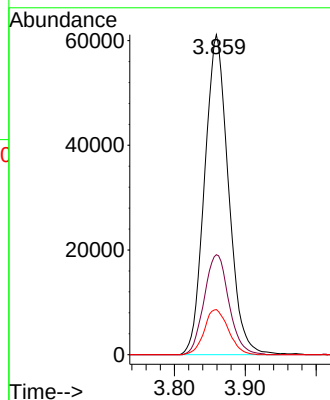
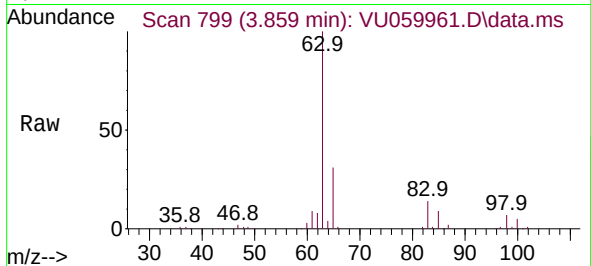
Tgt Ion: 63 Resp: 142629

Ion Ratio Lower Upper

63 100

65 31.9 23.3 43.3

83 14.1 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 52.071 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU059961.D

Acq: 15 Jul 2024 19:07

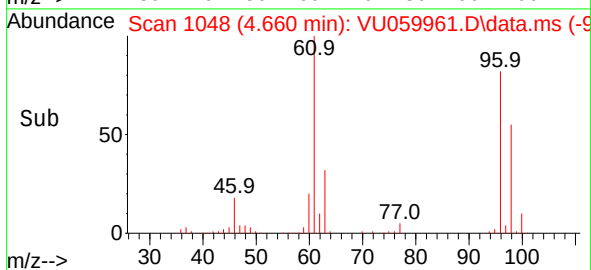
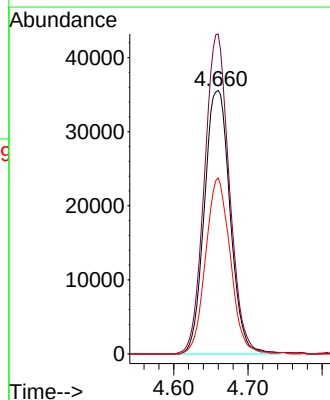
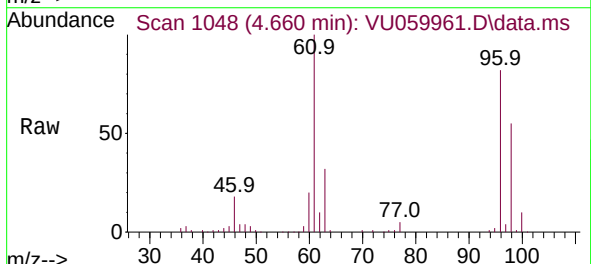
Tgt Ion: 96 Resp: 85595

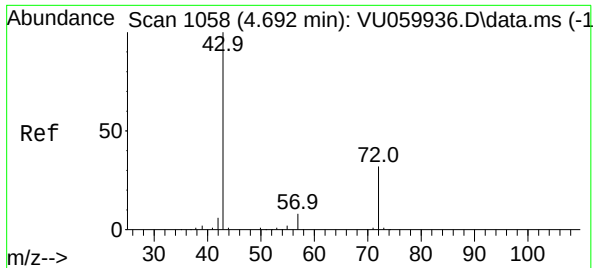
Ion Ratio Lower Upper

96 100

61 121.4 83.2 154.4

98 66.8 45.9 85.3

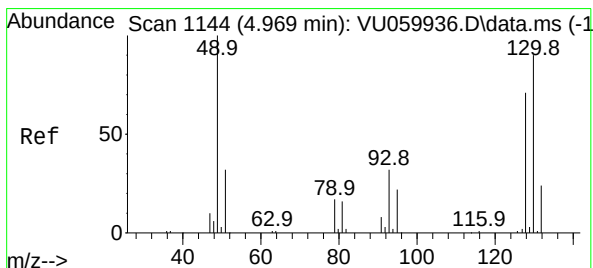
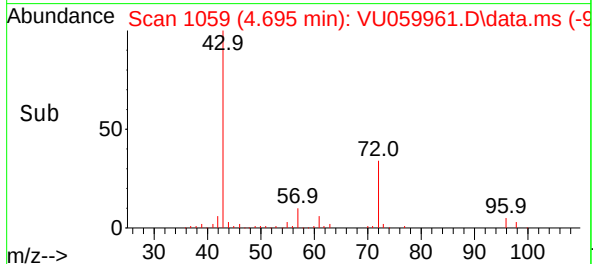
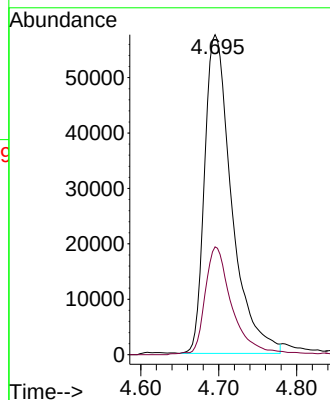
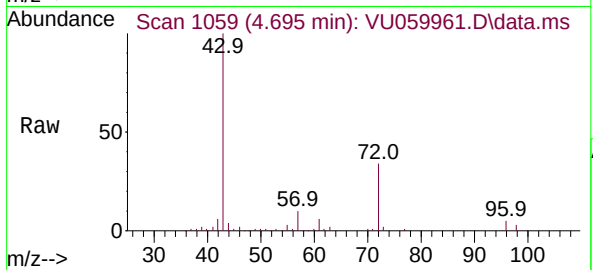




#22
2-Butanone
Concen: 110.561 ug/L
RT: 4.695 min Scan# 1058
Delta R.T. 0.003 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

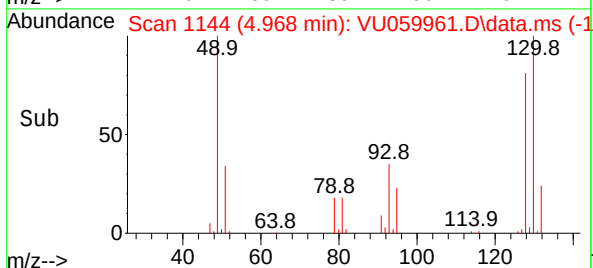
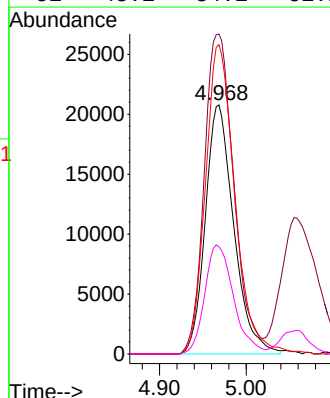
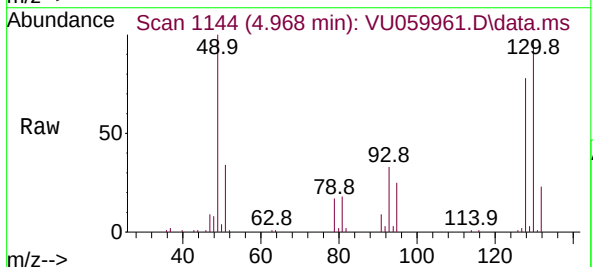
Instrument :
MSVOA_U
ClientSampleId :

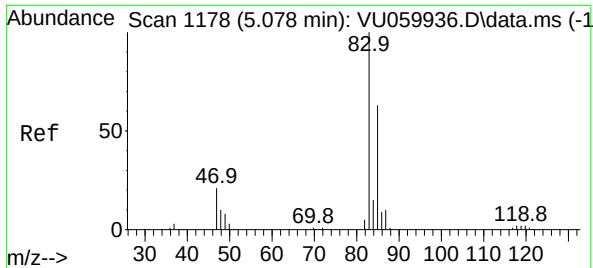
Tgt Ion: 43 Resp: 138996
Ion Ratio Lower Upper
43 100
72 31.4 16.4 49.2



#23
Bromochloromethane
Concen: 54.709 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

Tgt Ion:128 Resp: 47435
Ion Ratio Lower Upper
128 100
49 128.4 96.7 179.7
130 124.1 86.3 160.3
51 43.1 34.1 51.1

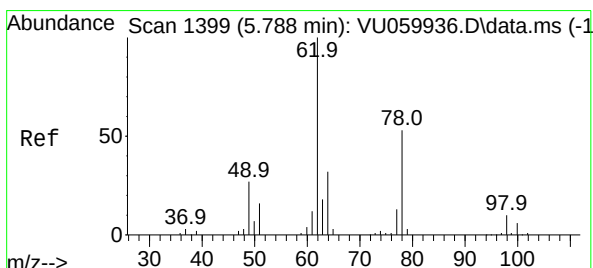
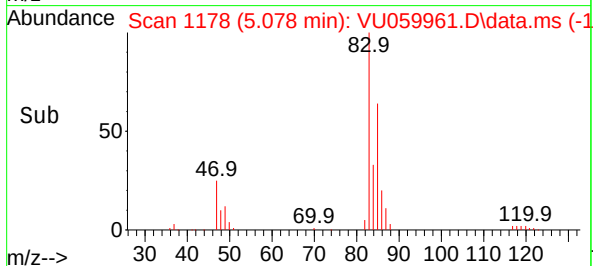
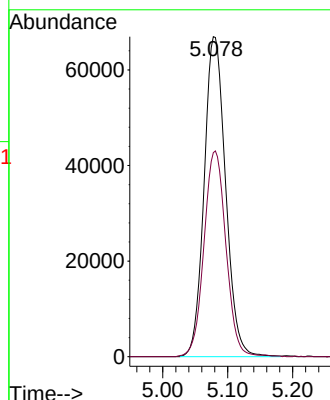
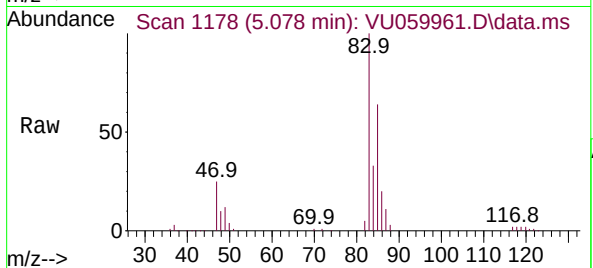




#25
Chloroform
Concen: 55.581 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

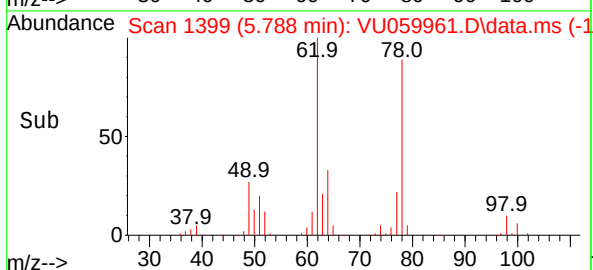
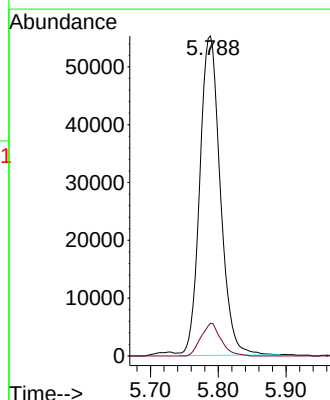
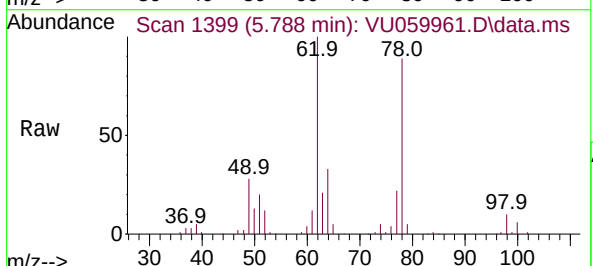
Instrument :
MSVOA_U
ClientSampleId :

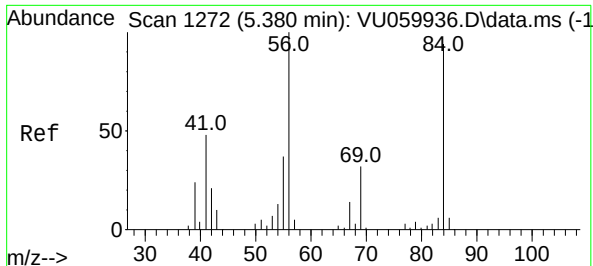
Tgt Ion: 83 Resp: 153993
Ion Ratio Lower Upper
83 100
85 63.7 46.7 86.7



#27
1,2-Dichloroethane
Concen: 55.205 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

Tgt Ion: 62 Resp: 116113
Ion Ratio Lower Upper
62 100
98 10.2 7.8 11.8

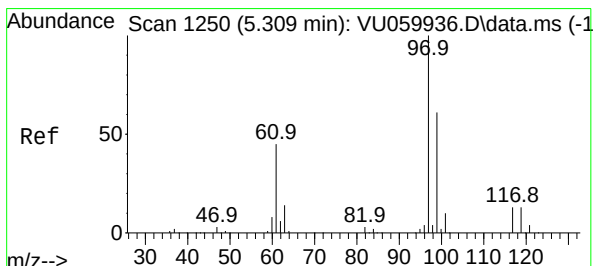
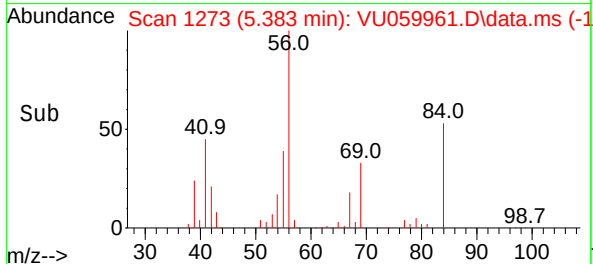
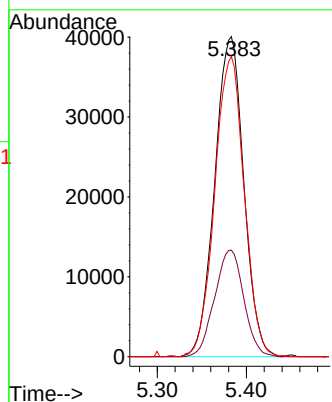
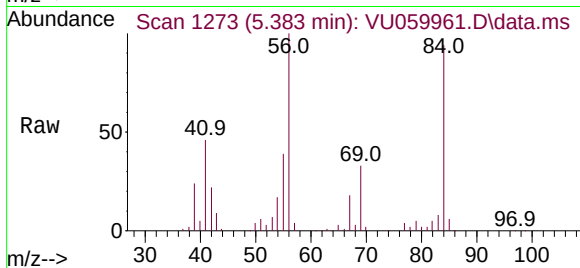




#29
Cyclohexane
Concen: 44.059 ug/L
RT: 5.383 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

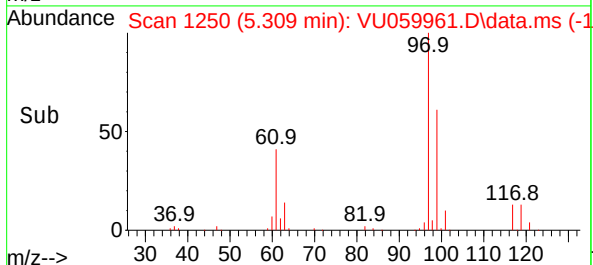
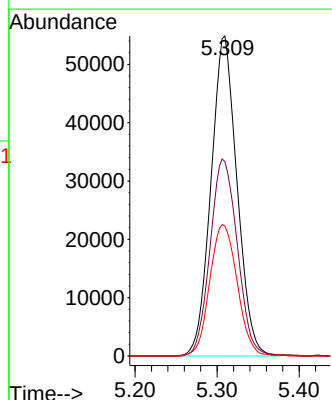
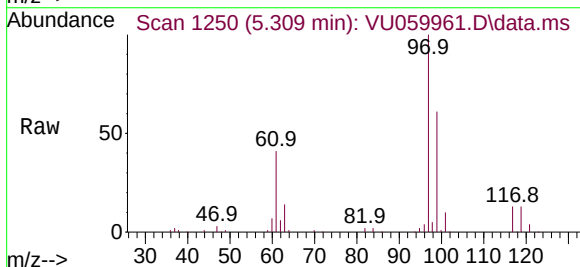
Instrument :
MSVOA_U
ClientSampleId :

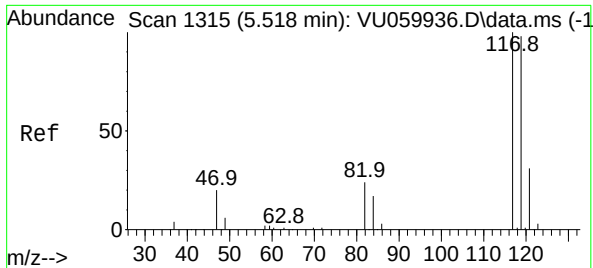
Tgt Ion: 56 Resp: 90717
Ion Ratio Lower Upper
56 100
69 33.4 26.0 39.0
84 95.1 75.5 113.3



#30
1,1,1-Trichloroethane
Concen: 50.898 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

Tgt Ion: 97 Resp: 121248
Ion Ratio Lower Upper
97 100
99 64.4 52.2 78.2
61 43.2 35.2 52.8

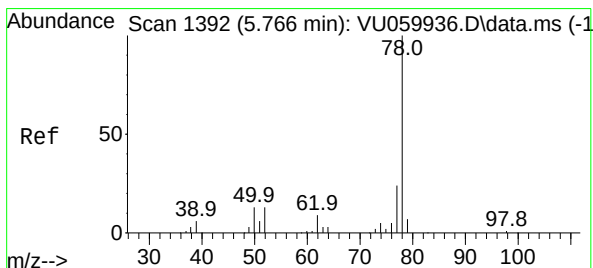
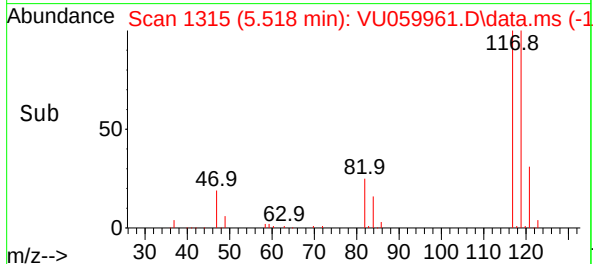
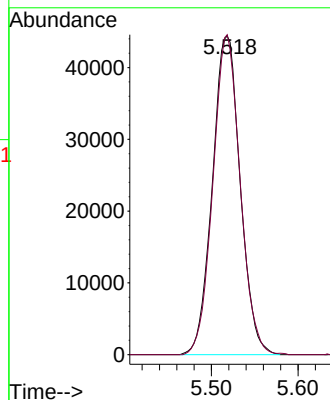
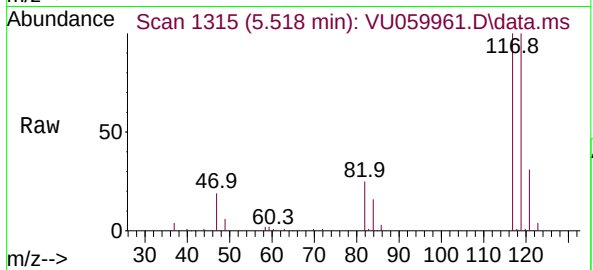




#31
Carbon tetrachloride
Concen: 50.464 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

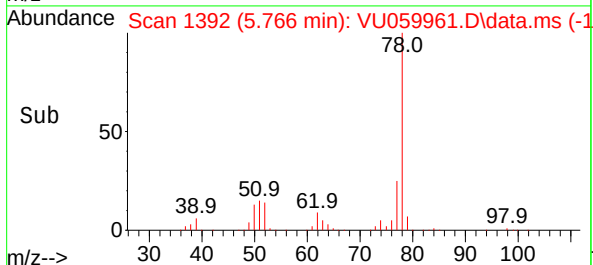
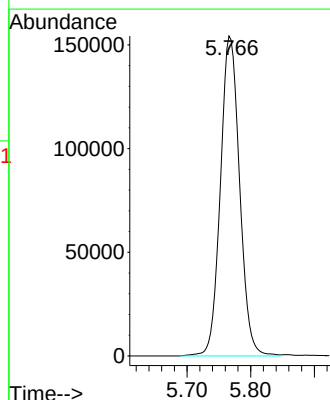
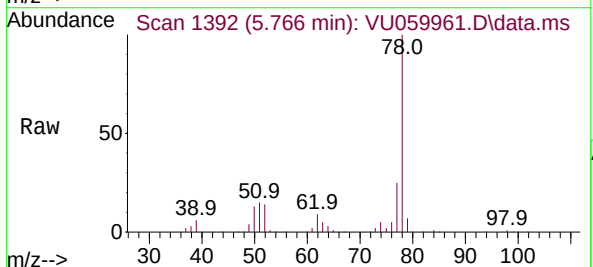
Instrument :
MSVOA_U
ClientSampleId :

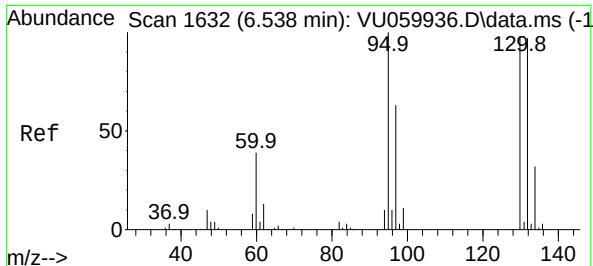
Tgt Ion:117 Resp: 99302
Ion Ratio Lower Upper
117 100
119 97.9 77.6 116.4



#33
Benzene
Concen: 52.134 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

Tgt Ion: 78 Resp: 323727





#34

Trichloroethene

Concen: 49.515 ug/L

RT: 6.538 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU059961.D

Acq: 15 Jul 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 82049

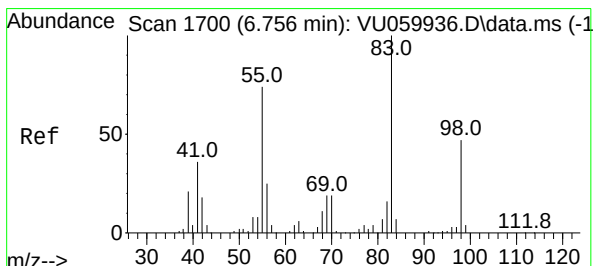
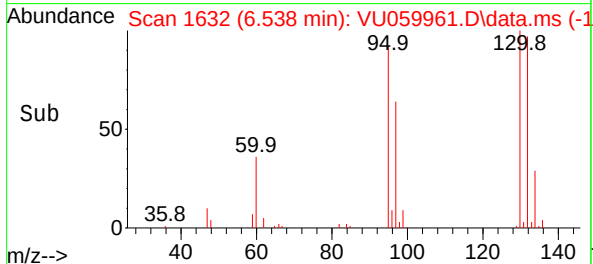
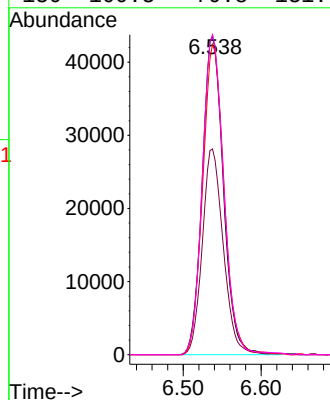
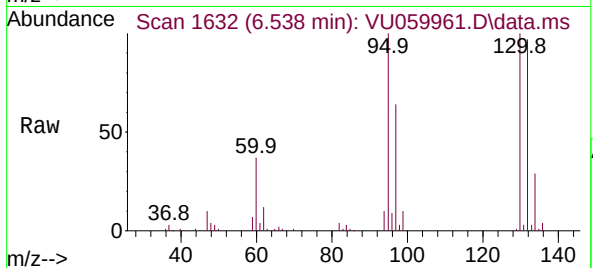
Ion Ratio Lower Upper

95 100

97 64.5 45.8 85.2

132 97.3 69.8 129.6

130 100.3 70.8 131.6



#35

Methylcyclohexane

Concen: 43.520 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU059961.D

Acq: 15 Jul 2024 19:07

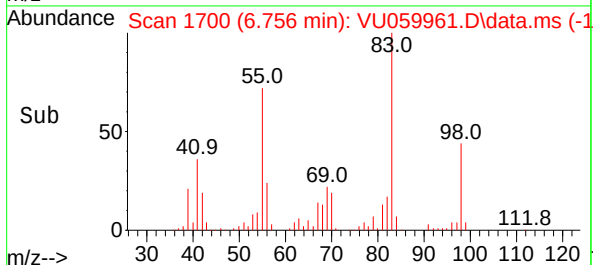
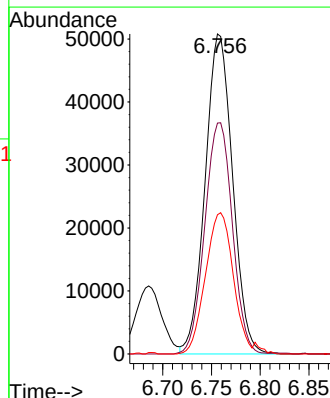
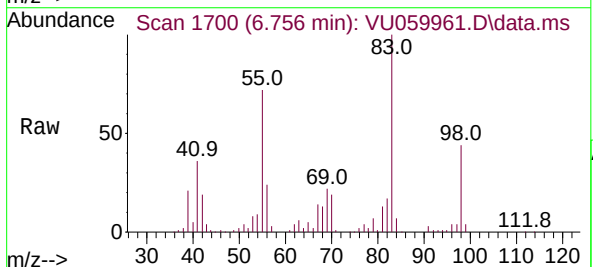
Tgt Ion: 83 Resp: 99595

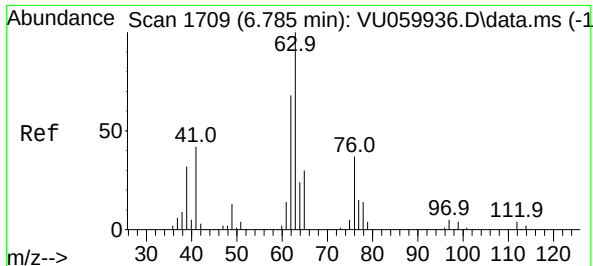
Ion Ratio Lower Upper

83 100

55 72.6 56.8 85.2

98 44.5 36.5 54.7

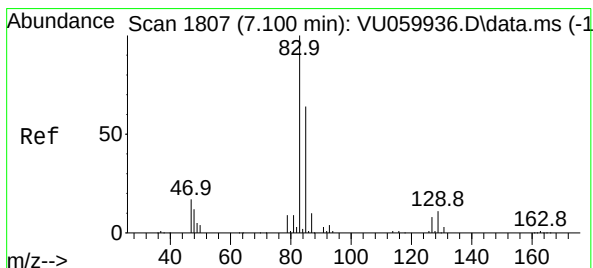
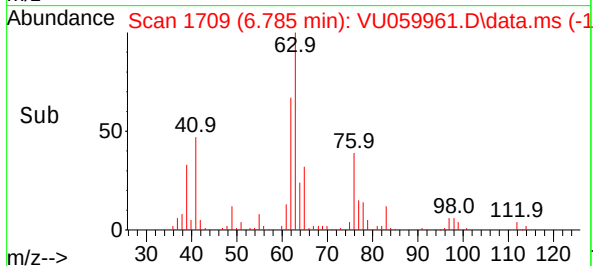
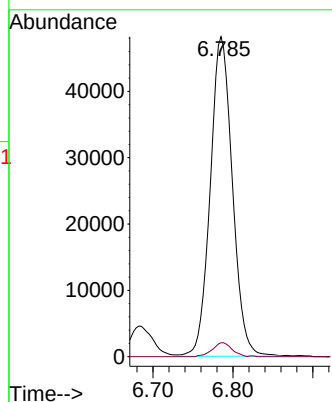
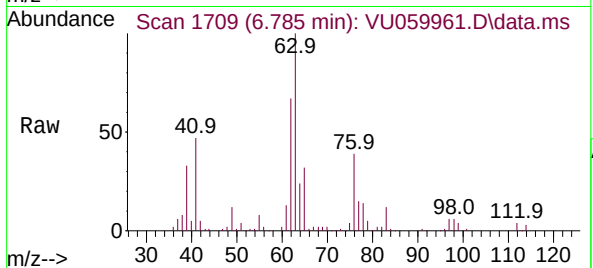




#37
1,2-Dichloropropane
Concen: 54.191 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

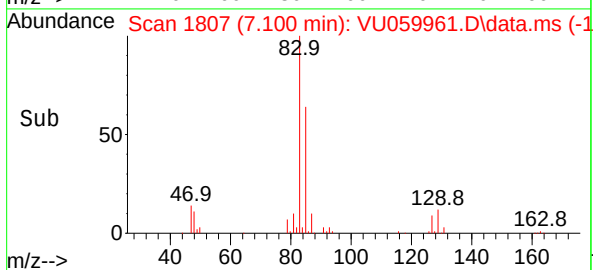
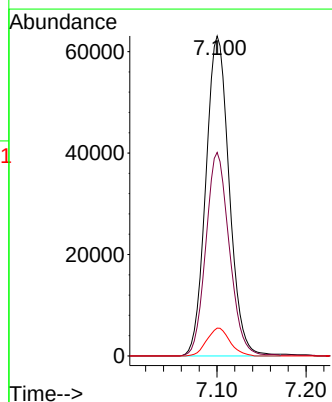
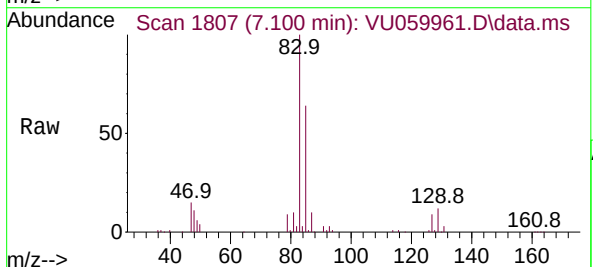
Instrument :
MSVOA_U
ClientSampleId :

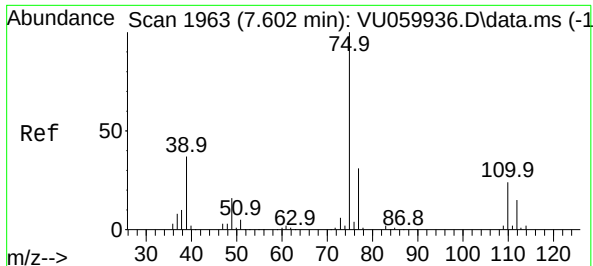
Tgt Ion: 63 Resp: 92622
Ion Ratio Lower Upper
63 100
112 3.9 3.0 4.6



#38
Bromodichloromethane
Concen: 53.122 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

Tgt Ion: 83 Resp: 115044
Ion Ratio Lower Upper
83 100
85 63.6 45.0 83.6
127 9.6 7.4 11.2

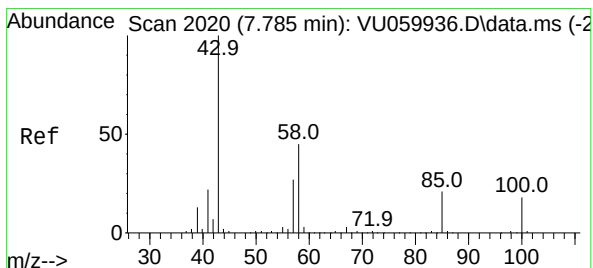
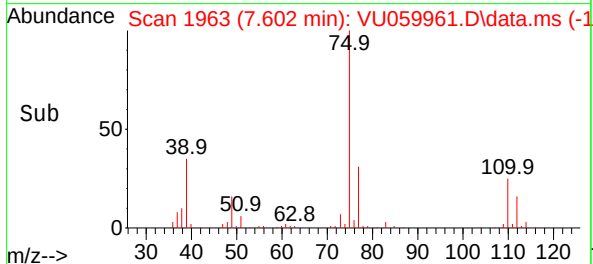
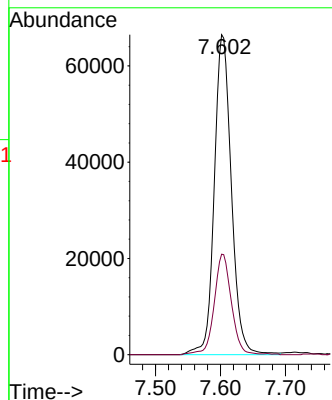
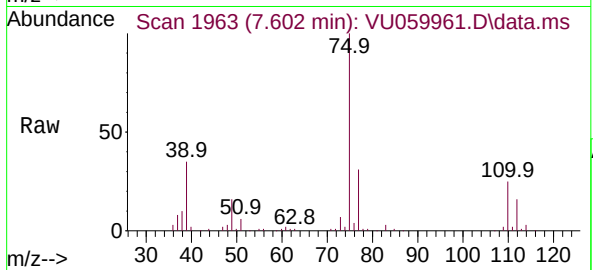




#39
 cis-1,3-Dichloropropene
 Concen: 46.423 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU059961.D
 Acq: 15 Jul 2024 19:07

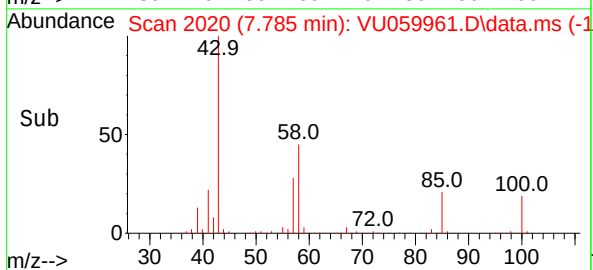
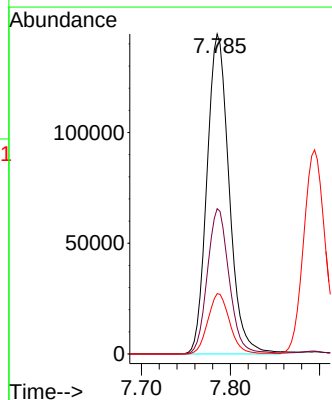
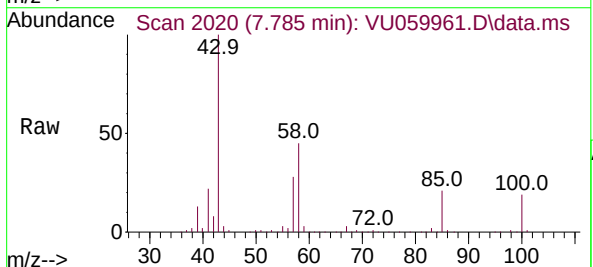
Instrument :
 MSVOA_U
 ClientSampleId :

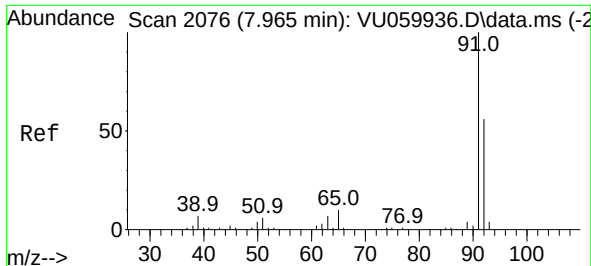
Tgt Ion: 75 Resp: 121398
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 115.786 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU059961.D
 Acq: 15 Jul 2024 19:07

Tgt Ion: 43 Resp: 250124
 Ion Ratio Lower Upper
 43 100
 58 44.8 35.3 52.9
 100 18.5 14.6 22.0





#42

Toluene

Concen: 51.742 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU059961.D

Acq: 15 Jul 2024 19:07

Instrument :

MSVOA_U

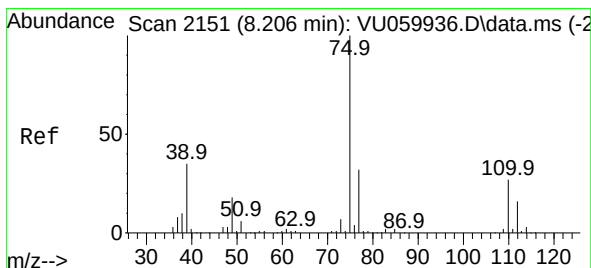
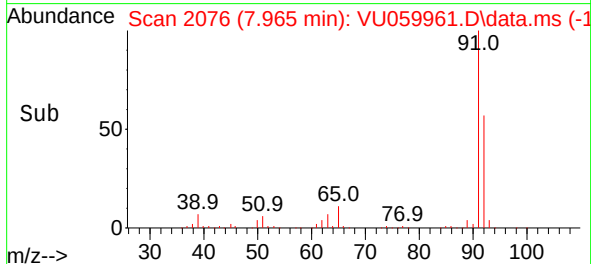
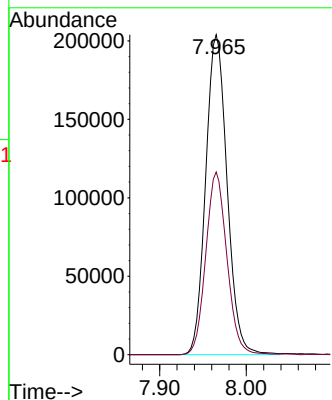
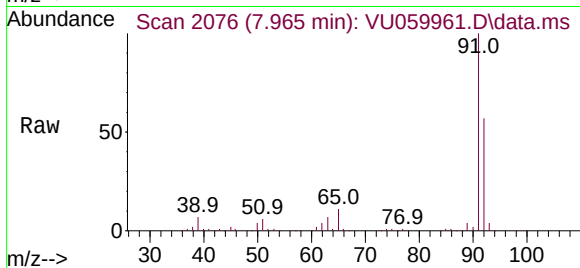
ClientSampleId :

Tgt Ion: 91 Resp: 350754

Ion Ratio Lower Upper

91 100

92 57.1 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 46.958 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU059961.D

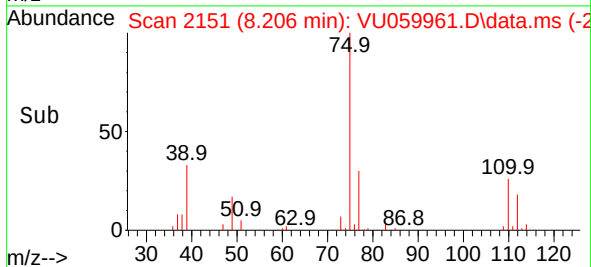
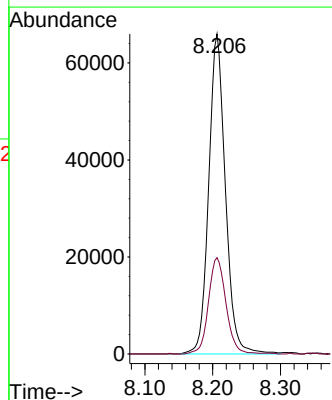
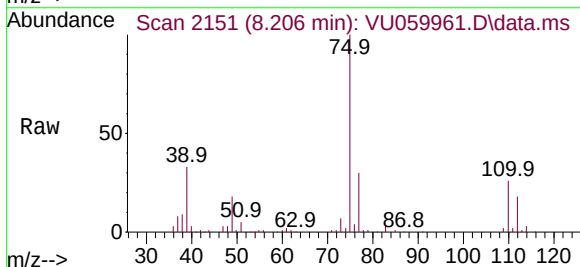
Acq: 15 Jul 2024 19:07

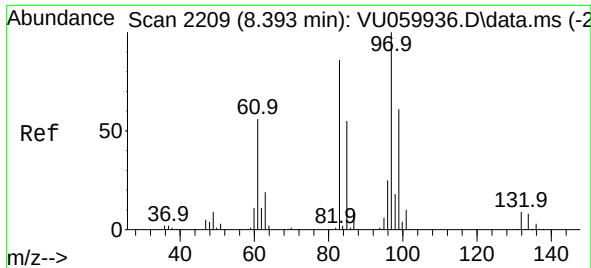
Tgt Ion: 75 Resp: 112795

Ion Ratio Lower Upper

75 100

77 30.1 21.7 40.3



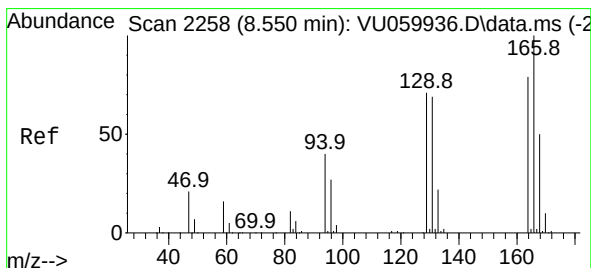
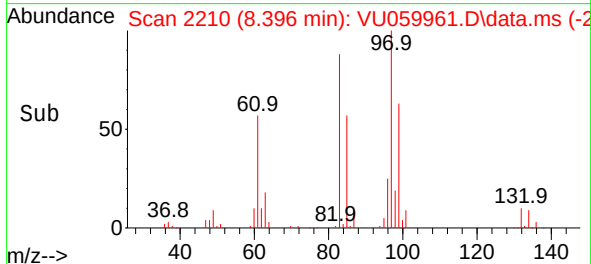
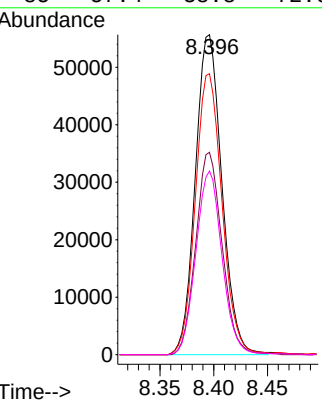
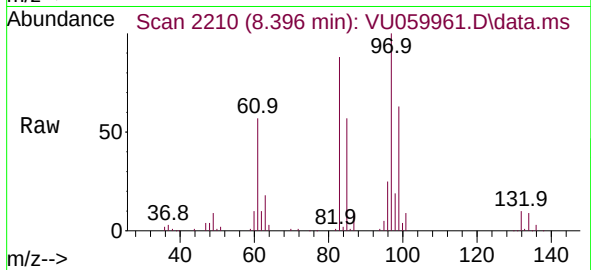


#45
1,1,2-Trichloroethane
Concen: 53.532 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 95821

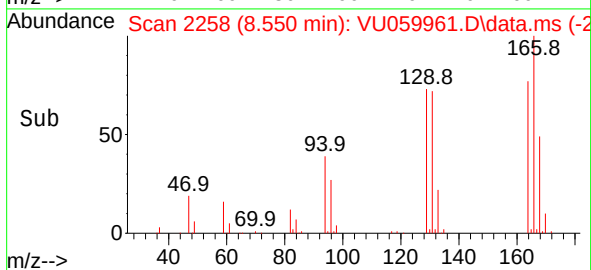
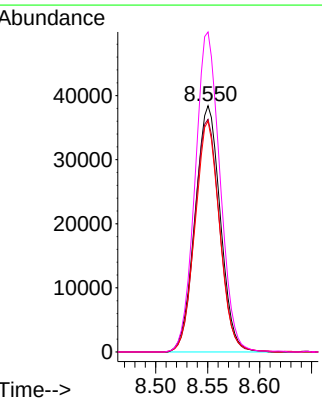
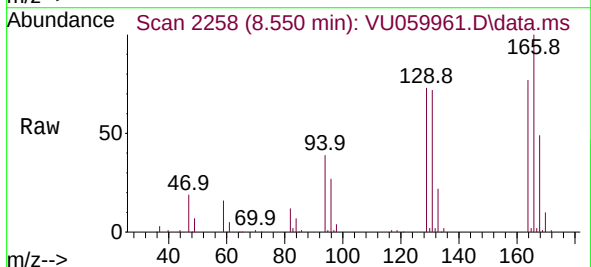
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.1	80.1
83	87.8	60.4	112.2
85	57.4	38.8	72.0

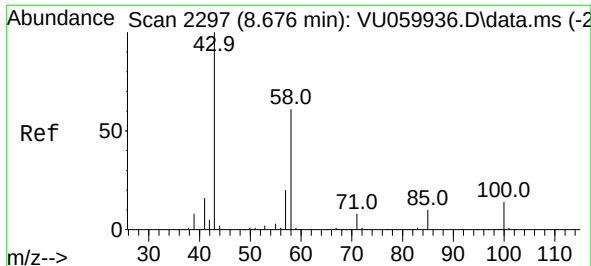


#46
Tetrachloroethene
Concen: 47.743 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

Tgt Ion: 164 Resp: 65082

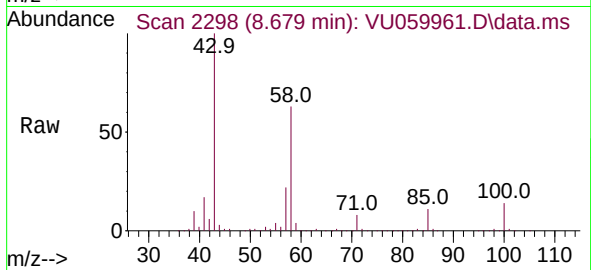
Ion	Ratio	Lower	Upper
164	100		
129	94.5	62.7	116.5
131	93.7	62.3	115.7
166	129.9	88.9	165.1



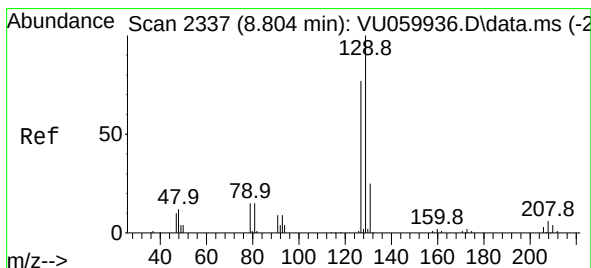
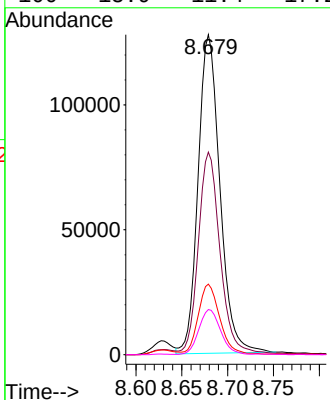
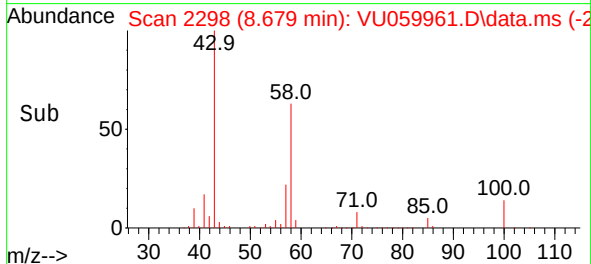


#48
2-Hexanone
Concen: 117.191 ug/L
RT: 8.679 min Scan# 211875
Delta R.T. 0.003 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

Instrument :
MSVOA_U
ClientSampleId :

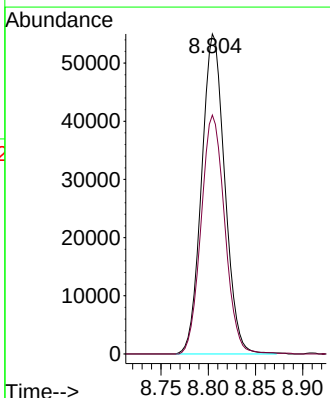
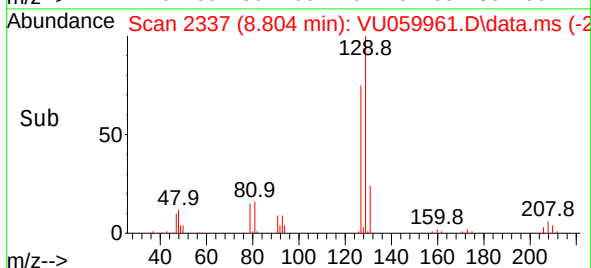
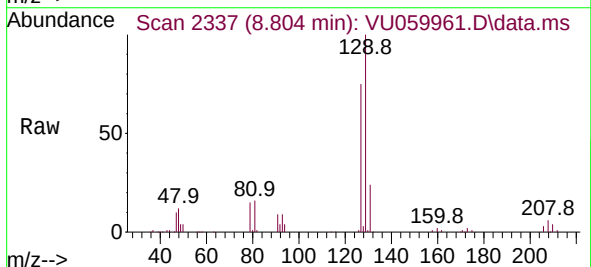


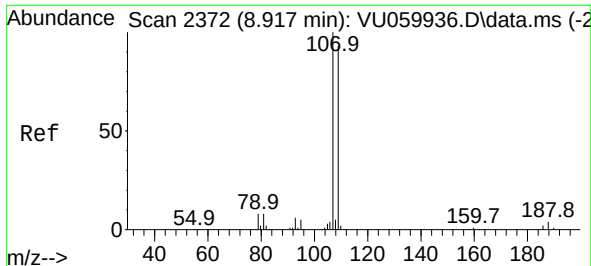
Tgt Ion:	43	Resp:	211875
Ion	Ratio	Lower	Upper
43	100		
58	62.5	49.0	73.6
57	20.9	16.7	25.1
100	13.9	11.4	17.2



#49
Dibromochloromethane
Concen: 53.154 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

Tgt Ion:	129	Resp:	93746
Ion	Ratio	Lower	Upper
129	100		
127	74.6	54.0	100.2





#50

1,2-Dibromoethane

Concen: 52.846 ug/L

RT: 8.920 min Scan# 24

Delta R.T. 0.003 min

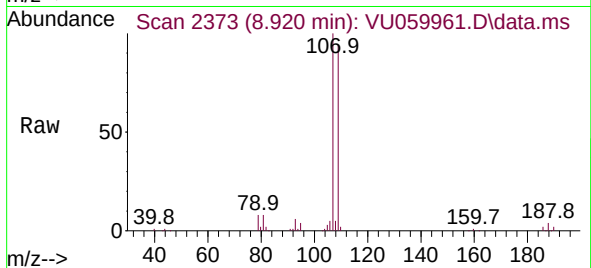
Lab File: VU059961.D

Acq: 15 Jul 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :



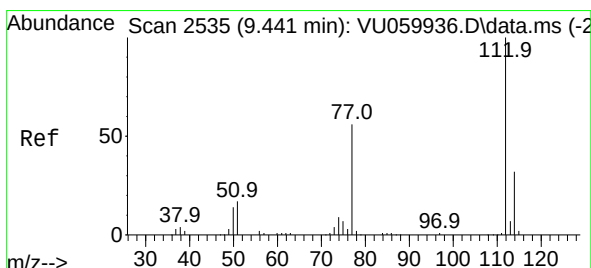
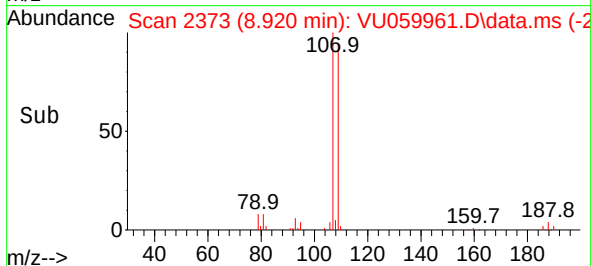
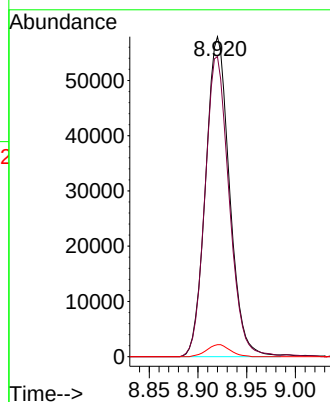
Tgt Ion:107 Resp: 98903

Ion Ratio Lower Upper

107 100

109 93.7 65.5 121.6

188 3.8 3.0 4.4



#51

Chlorobenzene

Concen: 49.797 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.003 min

Lab File: VU059961.D

Acq: 15 Jul 2024 19:07

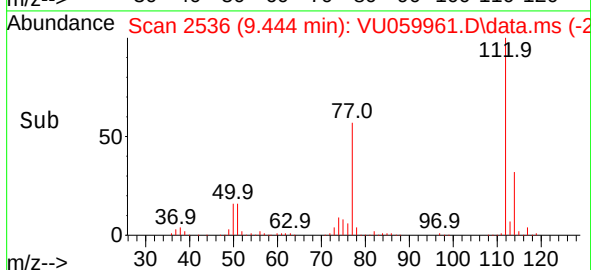
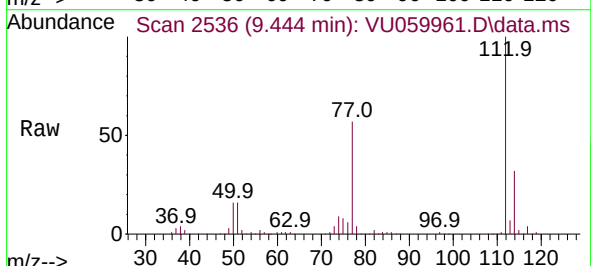
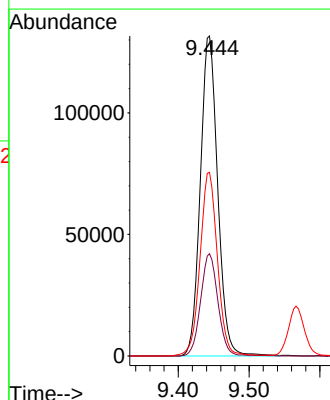
Tgt Ion:112 Resp: 224103

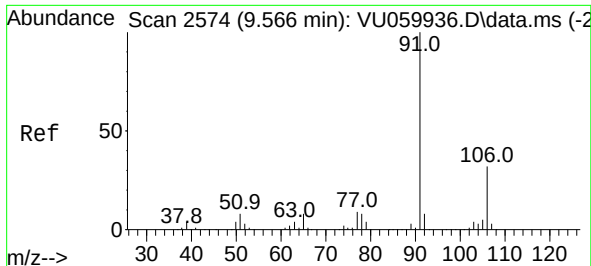
Ion Ratio Lower Upper

112 100

114 32.0 22.7 42.3

77 57.4 45.8 68.6

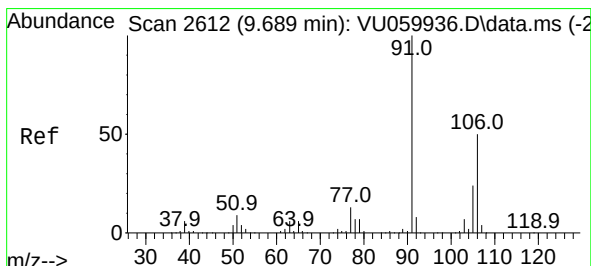
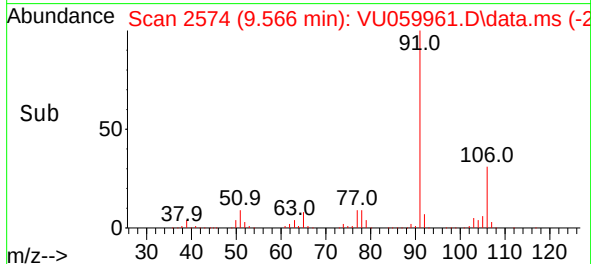
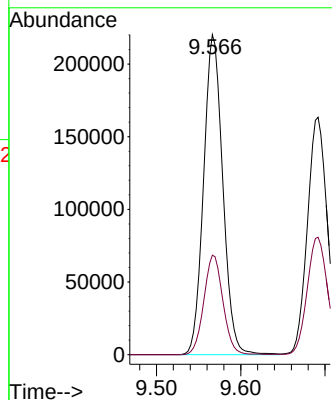
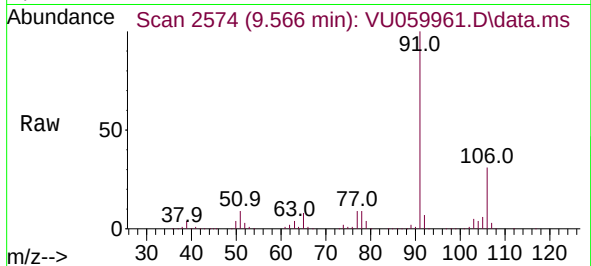




#52
Ethylbenzene
Concen: 48.280 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

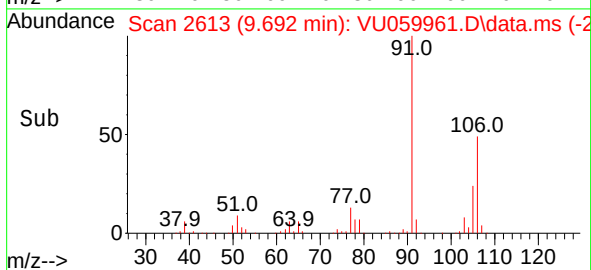
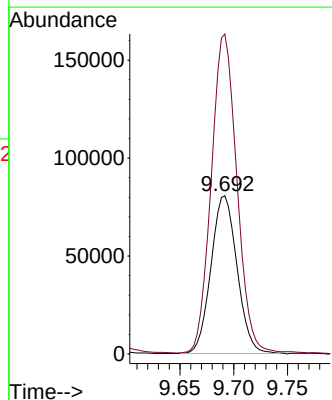
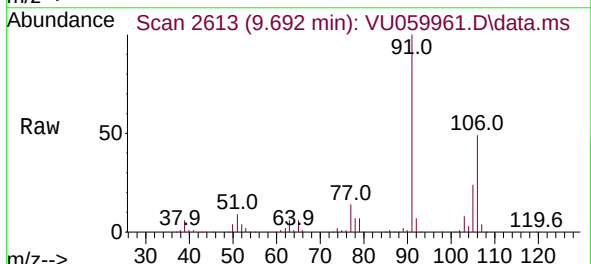
Instrument :
MSVOA_U
ClientSampleId :

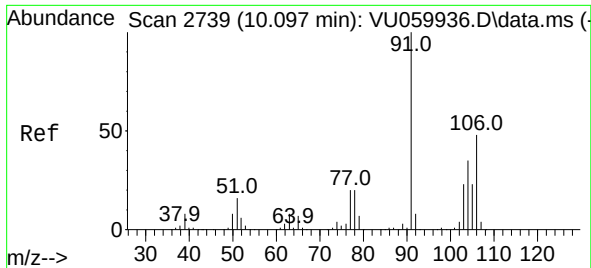
Tgt Ion: 91 Resp: 349503
Ion Ratio Lower Upper
91 100
106 31.1 22.4 41.6



#53
m,p-Xylene
Concen: 48.096 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

Tgt Ion:106 Resp: 135565
Ion Ratio Lower Upper
106 100
91 202.1 140.9 261.7

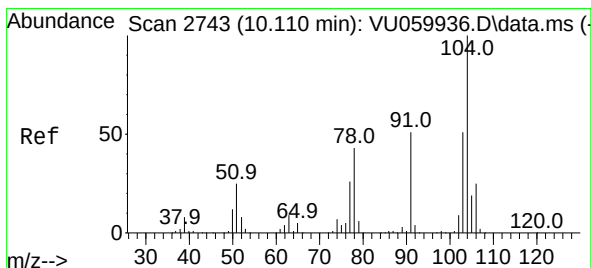
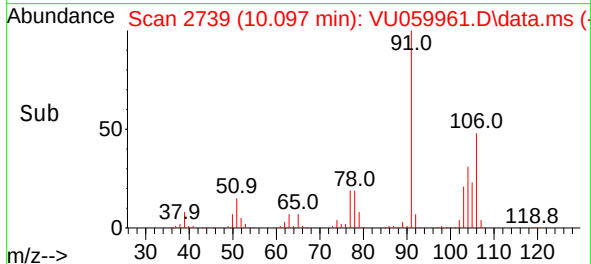
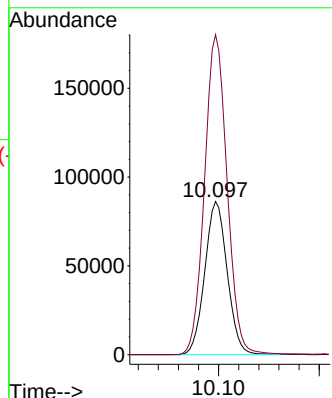
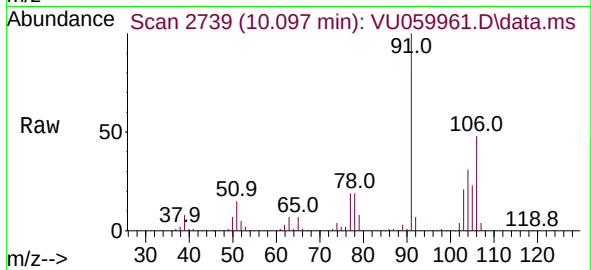




#54
o-Xylene
Concen: 49.408 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

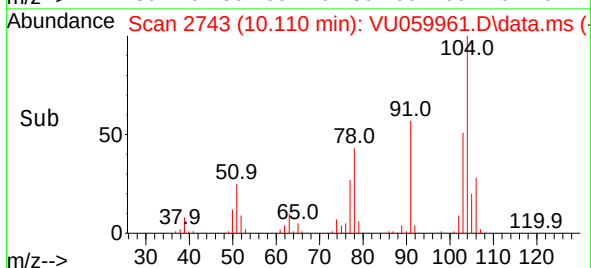
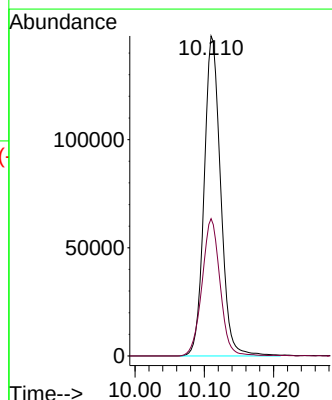
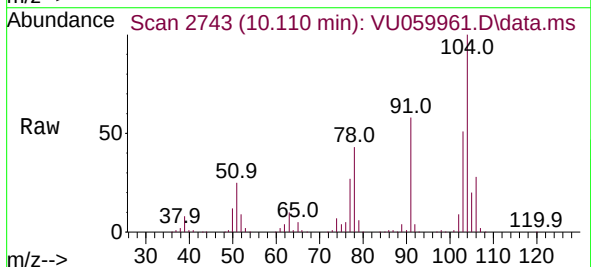
Instrument :
MSVOA_U
ClientSampleId :

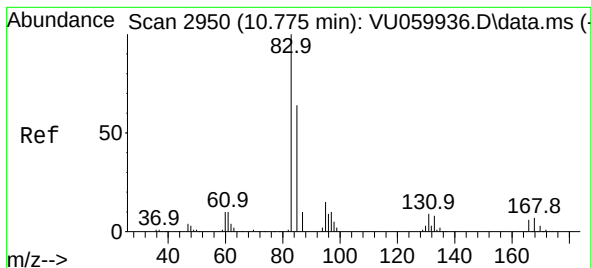
Tgt Ion:106 Resp: 133918
Ion Ratio Lower Upper
106 100
91 209.1 147.4 273.8



#55
Styrene
Concen: 53.576 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

Tgt Ion:104 Resp: 244987
Ion Ratio Lower Upper
104 100
78 42.9 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 56.319 ug/L

RT: 10.778 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU059961.D

Acq: 15 Jul 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

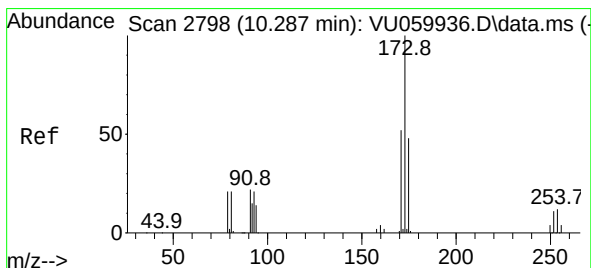
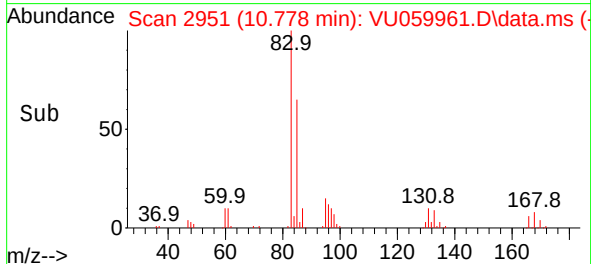
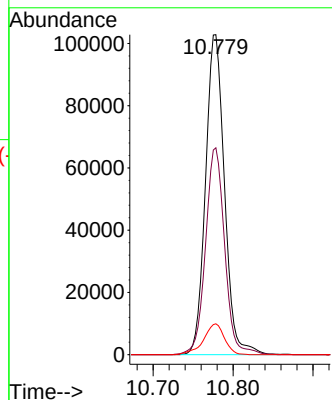
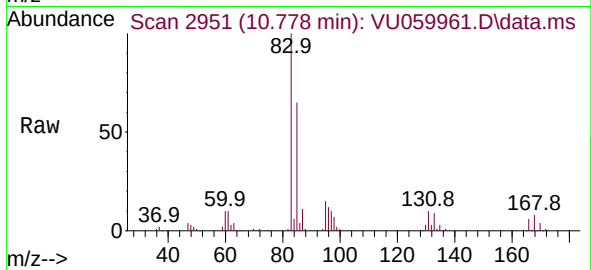
Tgt Ion: 83 Resp: 170006

Ion Ratio Lower Upper

83 100

85 64.7 45.4 84.2

131 9.6 7.5 11.3



#59

Bromoform

Concen: 54.843 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU059961.D

Acq: 15 Jul 2024 19:07

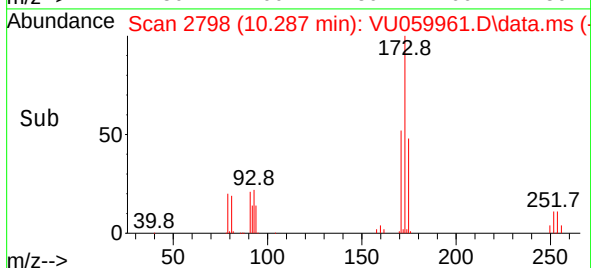
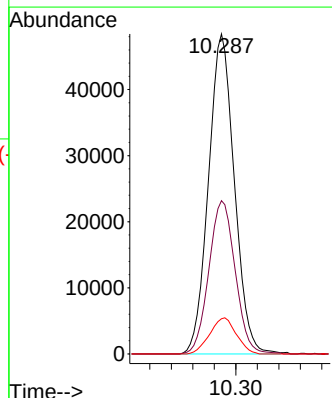
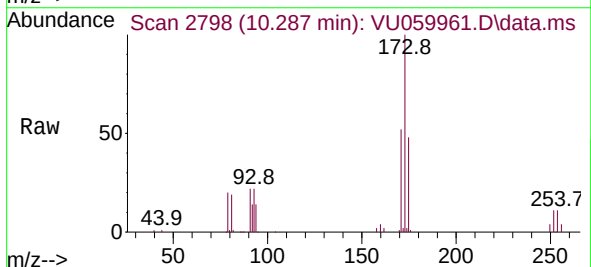
Tgt Ion:173 Resp: 80782

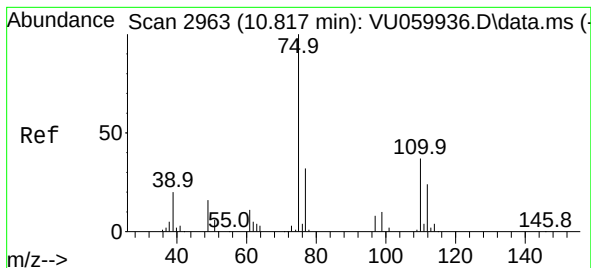
Ion Ratio Lower Upper

173 100

175 48.7 39.4 59.2

254 11.6 9.0 13.4





#60

1,2,3-Trichloropropane

Concen: 57.788 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU059961.D

Acq: 15 Jul 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

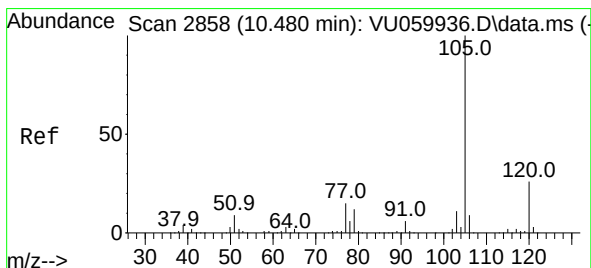
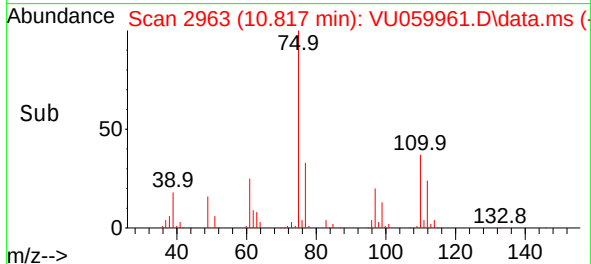
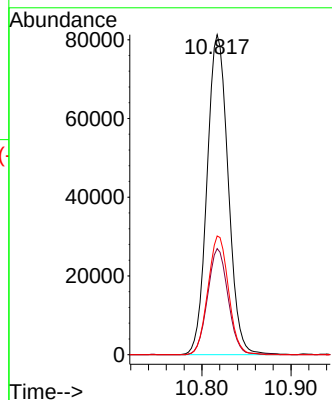
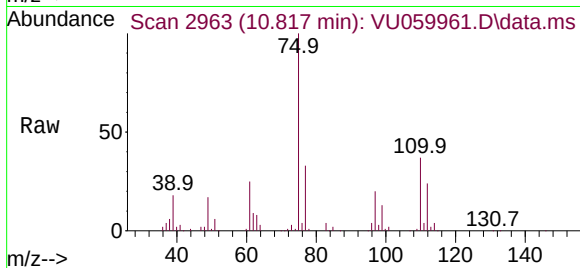
Tgt Ion: 75 Resp: 133604

Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3

110 36.2 30.7 46.1



#61

Isopropylbenzene

Concen: 48.592 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU059961.D

Acq: 15 Jul 2024 19:07

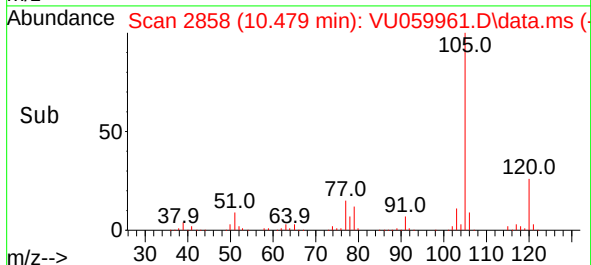
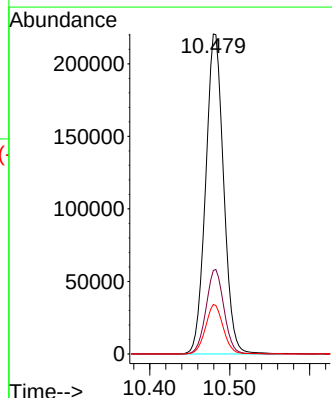
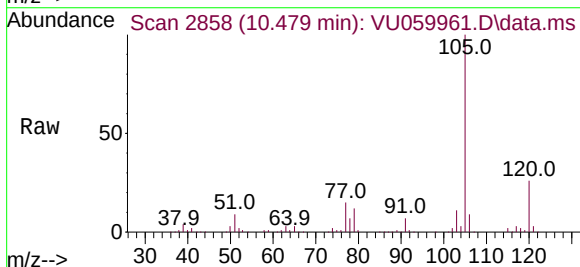
Tgt Ion:105 Resp: 345055

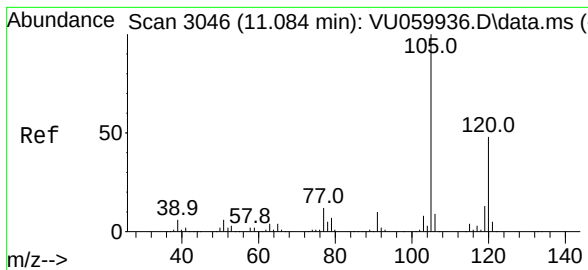
Ion Ratio Lower Upper

105 100

120 26.3 20.9 31.3

77 15.2 12.1 18.1

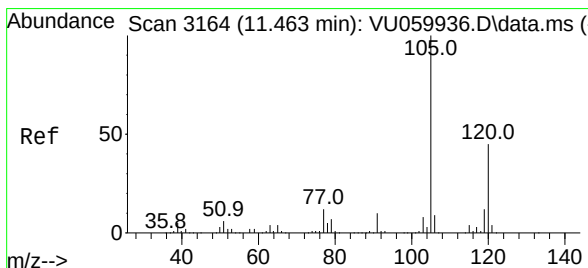
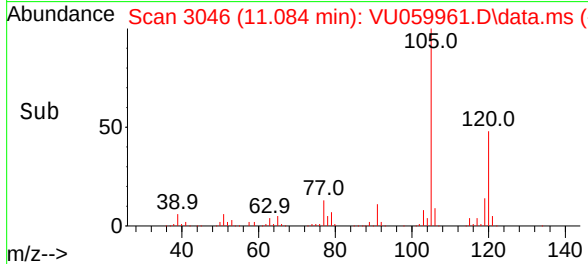
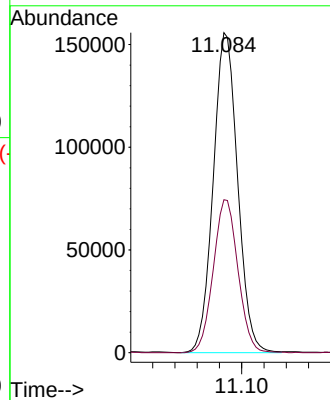
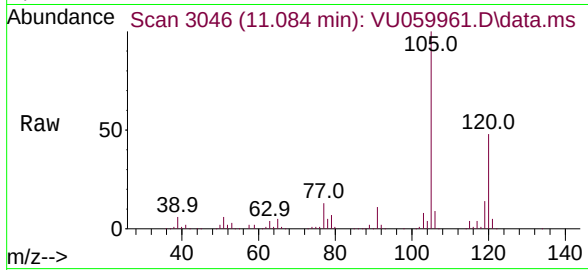




#62
1,3,5-Trimethylbenzene
Concen: 45.553 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

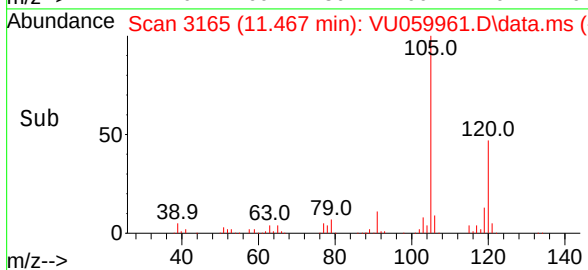
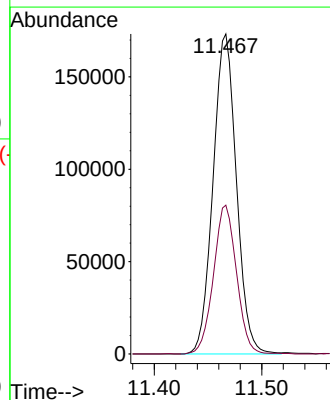
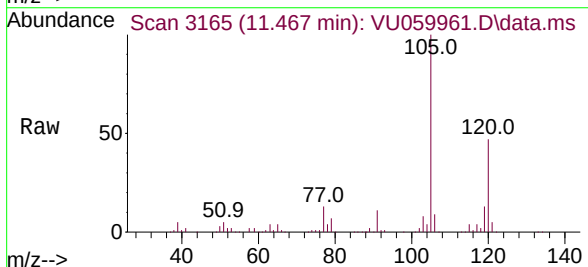
Instrument :
MSVOA_U
ClientSampleId :

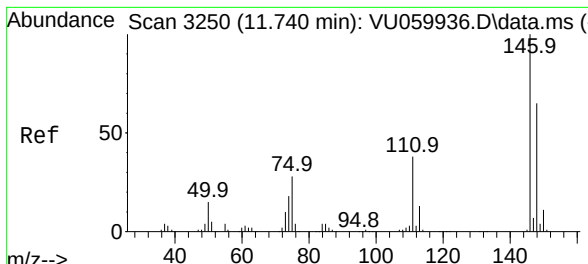
Tgt Ion:105 Resp: 236802
Ion Ratio Lower Upper
105 100
120 48.4 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 46.923 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

Tgt Ion:105 Resp: 261278
Ion Ratio Lower Upper
105 100
120 45.9 37.0 55.6

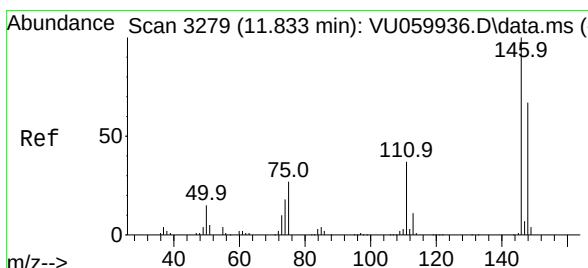
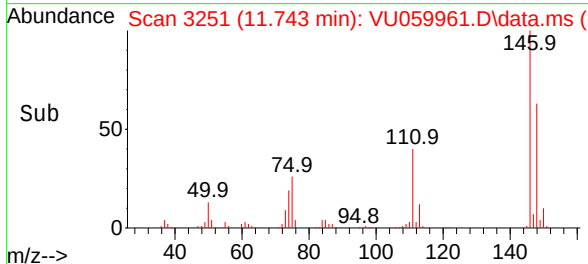
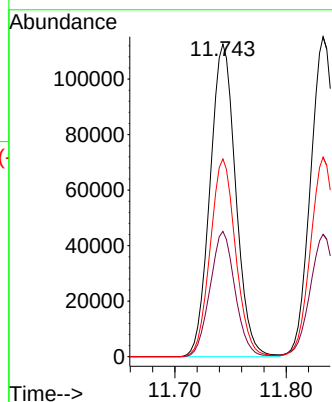
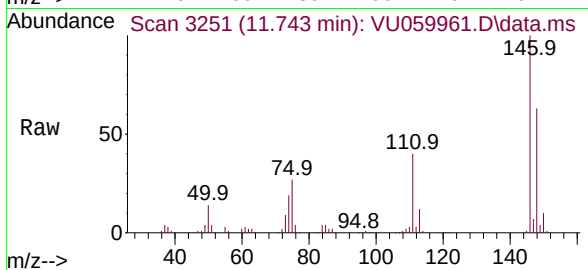




#64
1,3-Dichlorobenzene
Concen: 49.020 ug/L
RT: 11.743 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

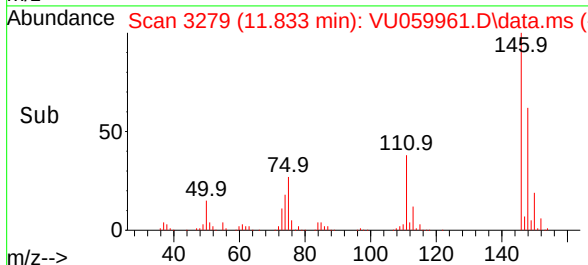
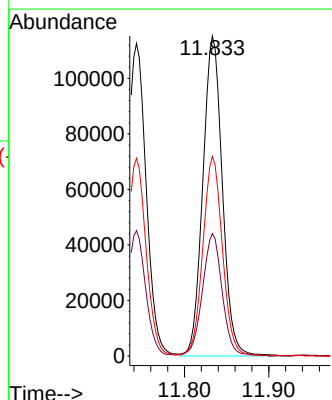
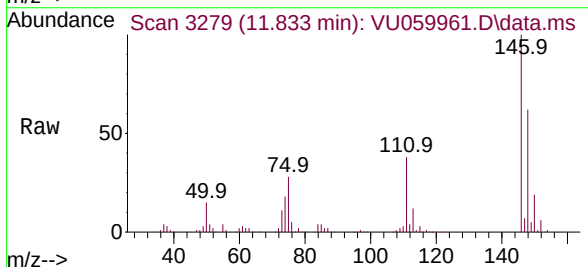
Instrument :
MSVOA_U
ClientSampleId :

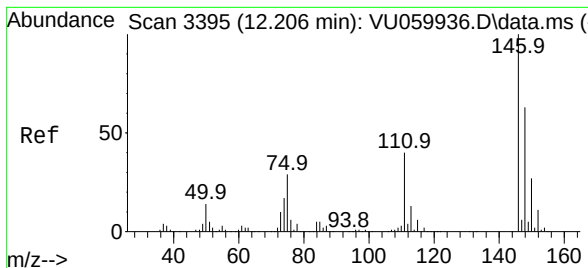
Tgt Ion:146 Resp: 180528
Ion Ratio Lower Upper
146 100
111 40.1 26.5 49.1
148 63.3 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 48.862 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

Tgt Ion:146 Resp: 186022
Ion Ratio Lower Upper
146 100
111 38.3 25.9 48.1
148 62.4 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 49.920 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU059961.D

Acq: 15 Jul 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

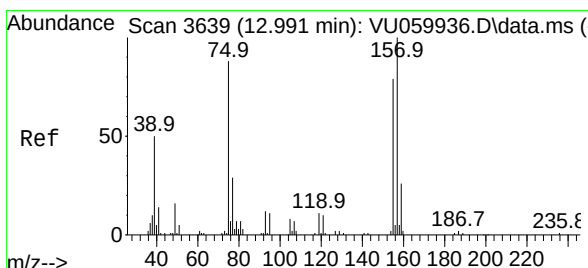
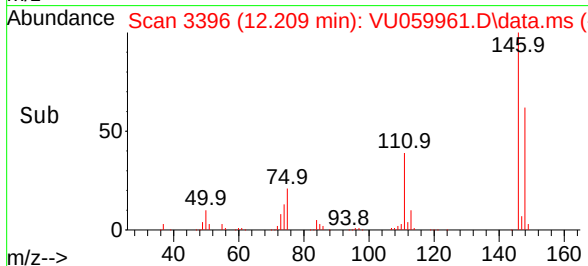
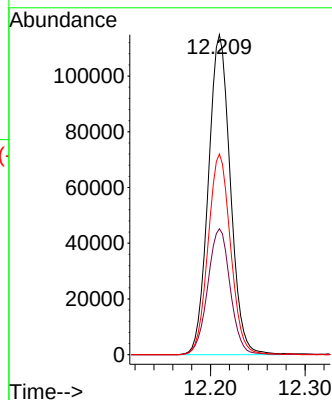
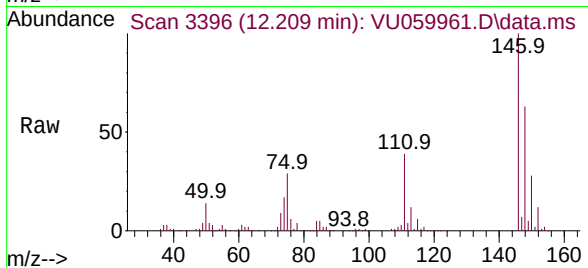
Tgt Ion:146 Resp: 185718

Ion Ratio Lower Upper

146 100

111 39.3 31.7 47.5

148 62.7 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 61.463 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU059961.D

Acq: 15 Jul 2024 19:07

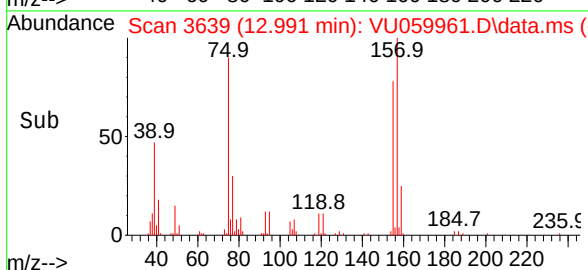
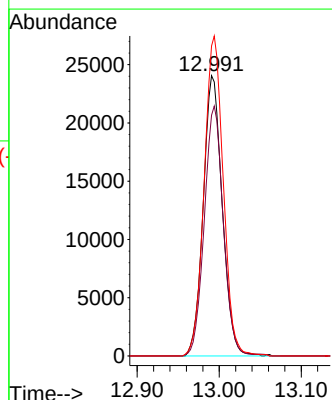
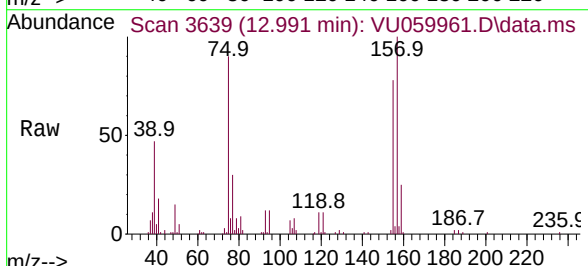
Tgt Ion: 75 Resp: 38861

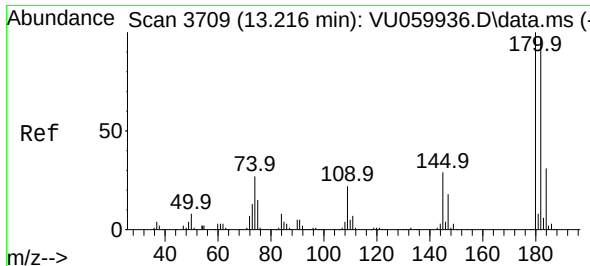
Ion Ratio Lower Upper

75 100

155 90.8 73.5 110.3

157 115.1 93.5 140.3





#69

1,3,5-Trichlorobenzene

Concen: 45.098 ug/L

RT: 13.219 min Scan# 3709

Delta R.T. 0.003 min

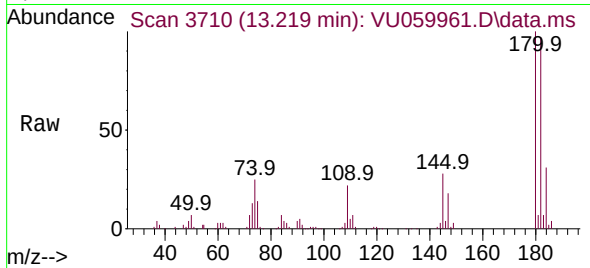
Lab File: VU059961.D

Acq: 15 Jul 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 119745

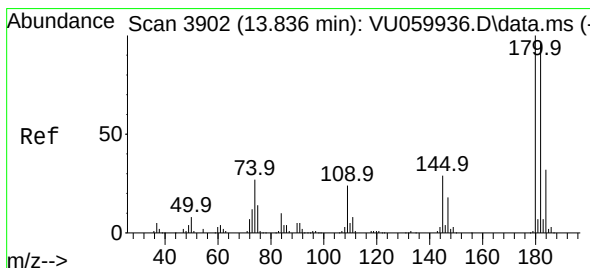
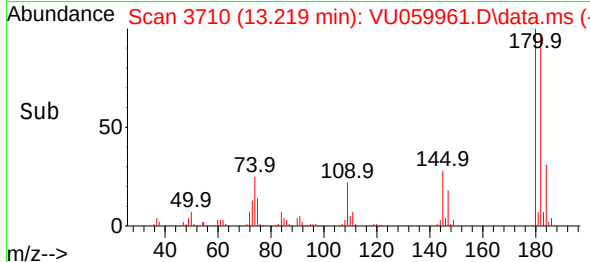
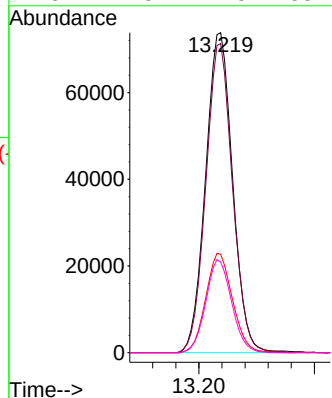
Ion Ratio Lower Upper

180 100

182 95.3 75.8 113.8

184 30.7 24.7 37.1

145 27.8 22.3 33.5



#70

1,2,4-trichlorobenzene

Concen: 42.272 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.003 min

Lab File: VU059961.D

Acq: 15 Jul 2024 19:07

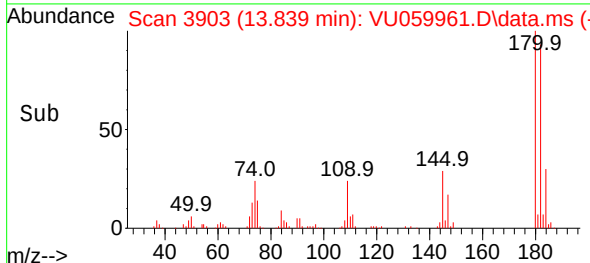
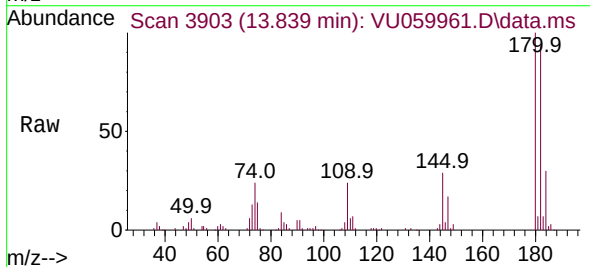
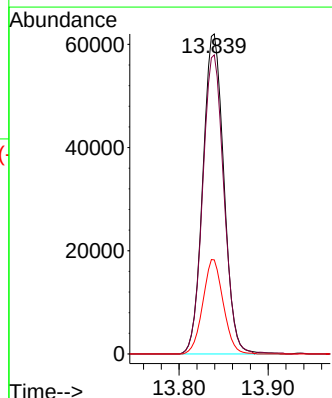
Tgt Ion:180 Resp: 101165

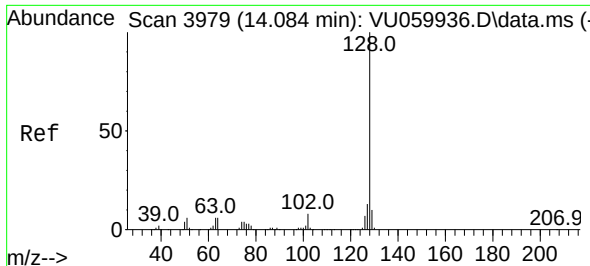
Ion Ratio Lower Upper

180 100

182 94.3 76.4 114.6

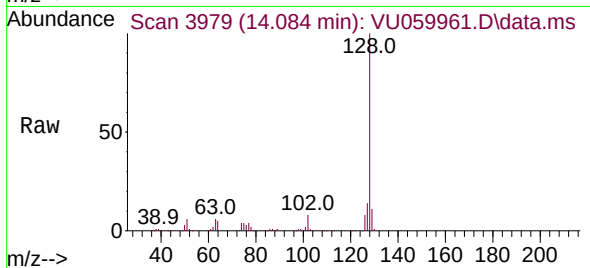
145 28.7 23.0 34.4



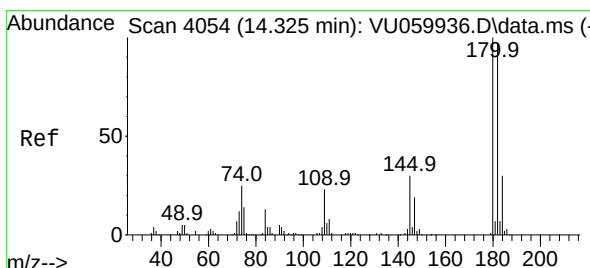
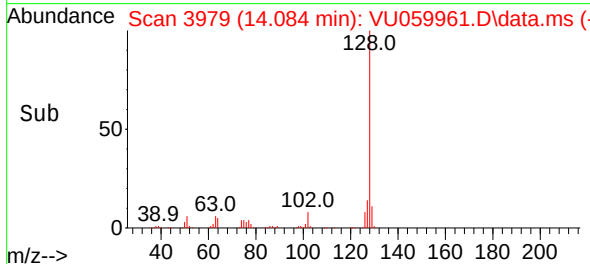
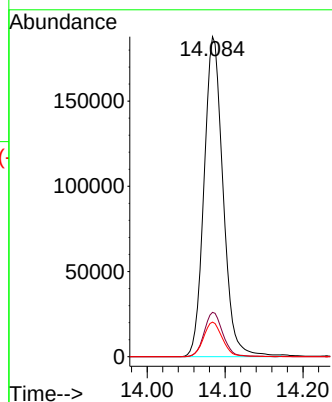


#71
Naphthalene
Concen: 46.011 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 318209
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 10.7 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 47.130 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU059961.D
Acq: 15 Jul 2024 19:07

Tgt Ion:180 Resp: 113165
Ion Ratio Lower Upper
180 100
182 96.6 75.8 113.8
145 31.0 24.5 36.7

