

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059750.D
 Acq On : 02 Jul 2024 19:55
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 03 04:05:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	177694	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	179200	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	96612	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	65477	5.299	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.000%
7) Chloroethane-d5	1.907	69	54706	4.601	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.560	65	24387	4.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.621	46	132071	51.891	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.780%
24) Chloroform-d	5.055	84	114909	4.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.695	65	56300	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.721	84	234184	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.682	67	70162	4.643	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.891	98	224176	4.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.177	79	27462	5.803	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	116.000%
46) 2-Hexanone-d5	8.627	63	117395	59.705	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.420%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	61703	4.942	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	79079	4.599	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	66690	4.429	ug/L	100
3) Chloromethane	1.515	50	75243	4.643	ug/L	97
5) Vinyl chloride	1.599	62	85535	4.778	ug/L	98
6) Bromomethane	1.853	94	49579	3.983	ug/L	94
8) Chloroethane	1.930	64	53796	4.987	ug/L	100
9) Trichlorofluoromethane	2.133	101	105354	4.889	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	66465	4.872	ug/L	95
12) 1,1-Dichloroethene	2.573	96	60048	4.765	ug/L	91
13) Acetone	2.631	43	82862	50.189	ug/L	90
14) Carbon disulfide	2.785	76	194368	4.623	ug/L	100
15) Methyl Acetate	2.949	43	21195	4.865	ug/L #	87
16) Methylene chloride	3.039	84	74570	4.993	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	142576	5.250	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	64498	4.921	ug/L	93
19) 1,1-Dichloroethane	3.859	63	119283	4.935	ug/L	99
21) 2-Butanone	4.702	43	144886	54.713	ug/L	90
22) cis-1,2-Dichloroethene	4.657	96	72522	5.020	ug/L	95
23) Bromochloromethane	4.968	128	34951	5.307	ug/L	84
25) Chloroform	5.078	83	126232	4.959	ug/L	98

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 Data File : VU059750.D
 Acq On : 02 Jul 2024 19:55
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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 03 04:05:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

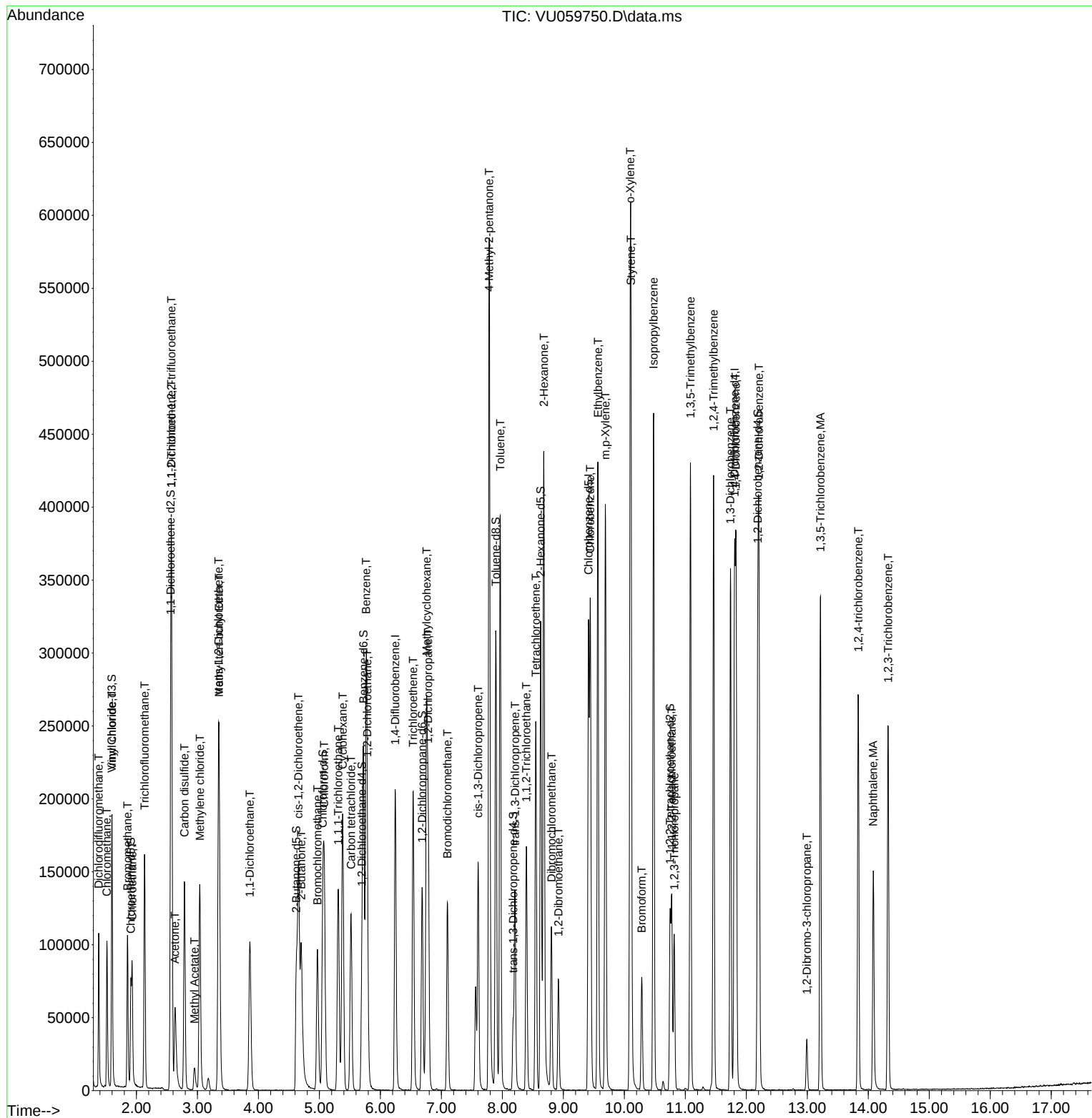
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	75282	4.880	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	100819	4.872	ug/L	98
30) Cyclohexane	5.380	56	90957	4.979	ug/L	94
31) Carbon tetrachloride	5.518	117	84895	4.900	ug/L	100
33) Benzene	5.766	78	276790	5.086	ug/L	100
34) Trichloroethene	6.538	95	73451	4.984	ug/L	99
35) Methylcyclohexane	6.756	83	104348	4.976	ug/L	94
37) 1,2-Dichloropropane	6.782	63	71612	5.085	ug/L #	97
38) Bromodichloromethane	7.100	83	86353	4.912	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	97395	5.057	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	358078	54.874	ug/L #	93
42) Toluene	7.965	91	304150	5.279	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	82036	5.307	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	55697	5.367	ug/L	97
47) Tetrachloroethene	8.547	164	58137	5.084	ug/L	97
48) 2-Hexanone	8.679	43	263720	56.627	ug/L #	93
49) Dibromochloromethane	8.804	129	58329	5.074	ug/L	95
50) 1,2-Dibromoethane	8.920	107	51024	5.324	ug/L	98
51) Chlorobenzene	9.441	112	186396	5.101	ug/L	98
52) Ethylbenzene	9.566	91	306617	5.188	ug/L	96
53) m,p-Xylene	9.689	106	119999	5.287	ug/L	100
54) o-Xylene	10.097	106	112661	5.230	ug/L	95
55) Styrene	10.110	104	197964	5.398	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	67240	5.341	ug/L	99
59) Bromoform	10.283	173	37210	5.033	ug/L	98
60) Isopropylbenzene	10.479	105	301593	5.053	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	46577	5.217	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	233528	4.939	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	231151	5.114	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	151045	4.976	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	152989	4.896	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	144498	5.059	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	9365	5.378	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.216	180	112283	4.997	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	89021	5.165	ug/L	97
71) Naphthalene	14.081	128	132902	5.387	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	82708	5.168	ug/L	98

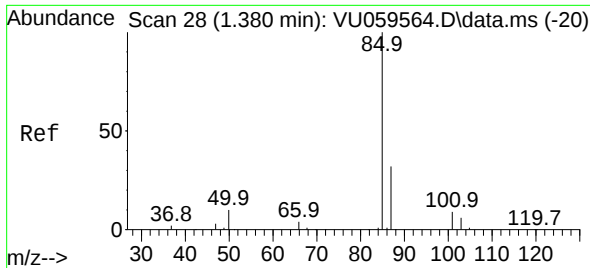
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 Data File : VU059750.D
 Acq On : 02 Jul 2024 19:55
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

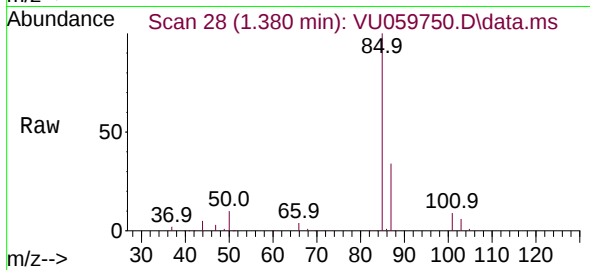
Quant Time: Jul 03 04:05:15 2024
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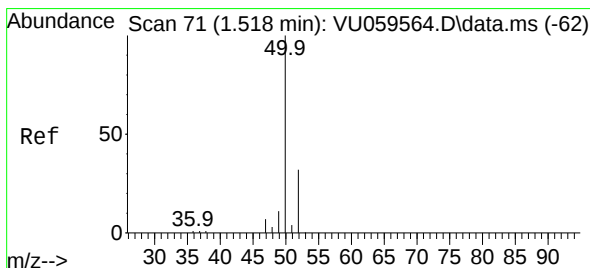
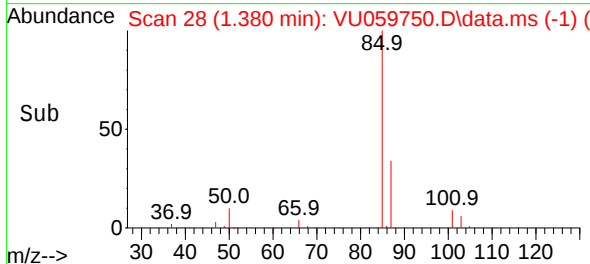
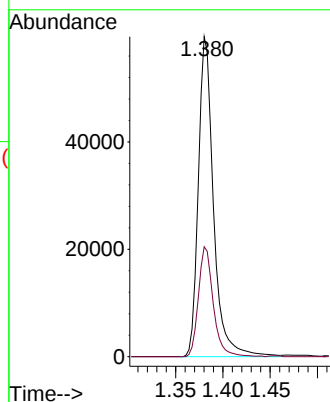


#2
 Dichlorodifluoromethane
 Concen: 4.429 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU059750.D
 Acq: 02 Jul 2024 19:55

Instrument :
 MSVOA_U
 ClientSampleId :

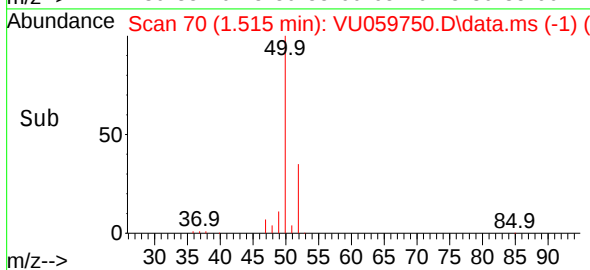
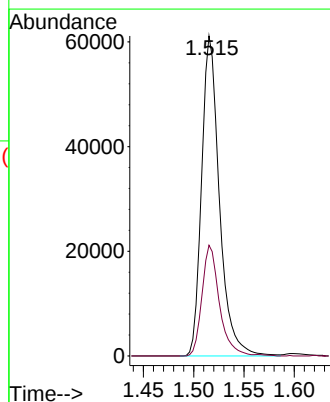
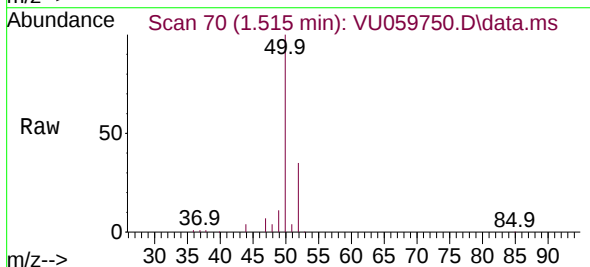


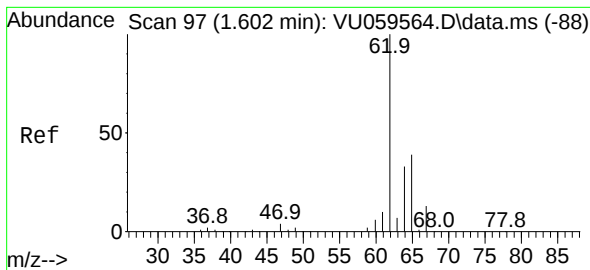
Tgt Ion: 85 Resp: 66690
 Ion Ratio Lower Upper
 85 100
 87 33.6 26.6 40.0



#3
 Chloromethane
 Concen: 4.643 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU059750.D
 Acq: 02 Jul 2024 19:55

Tgt Ion: 50 Resp: 75243
 Ion Ratio Lower Upper
 50 100
 52 34.6 23.2 43.0





#5

Vinyl chloride

Concen: 4.778 ug/L

RT: 1.599 min Scan# 9

Delta R.T. 0.000 min

Lab File: VU059750.D

Acq: 02 Jul 2024 19:55

Instrument :

MSVOA_U

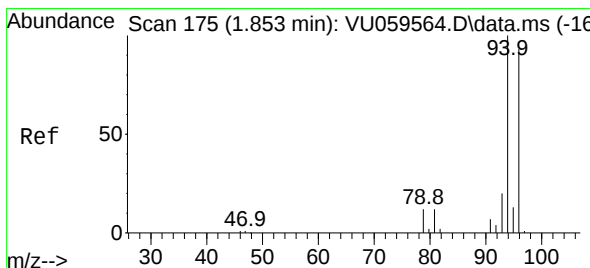
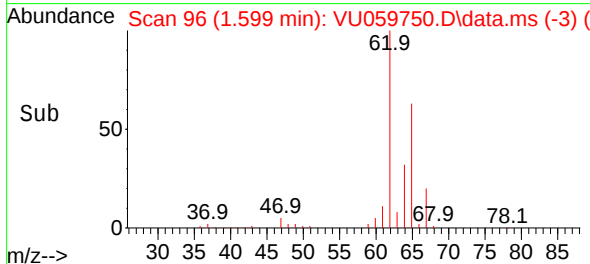
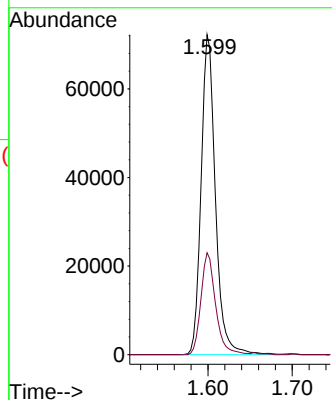
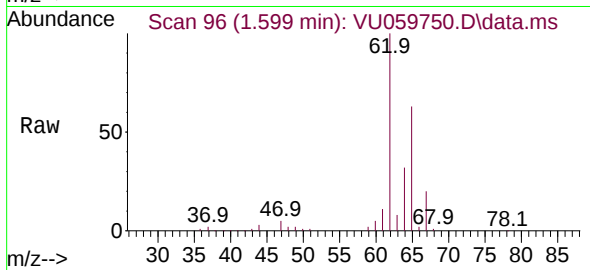
ClientSampleId :

Tgt Ion: 62 Resp: 85535

Ion Ratio Lower Upper

62 100

64 31.8 23.1 42.9



#6

Bromomethane

Concen: 3.983 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU059750.D

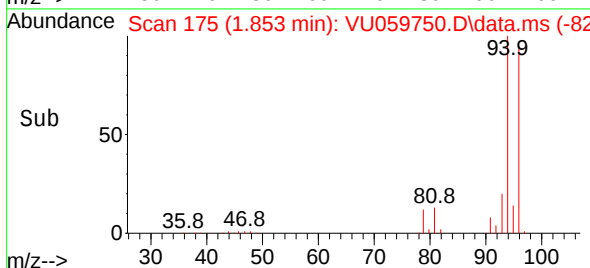
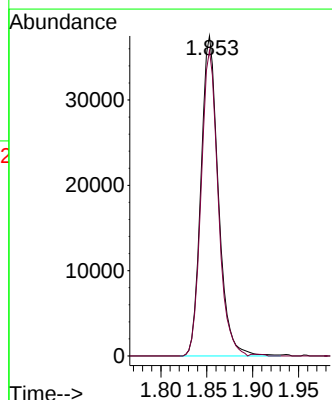
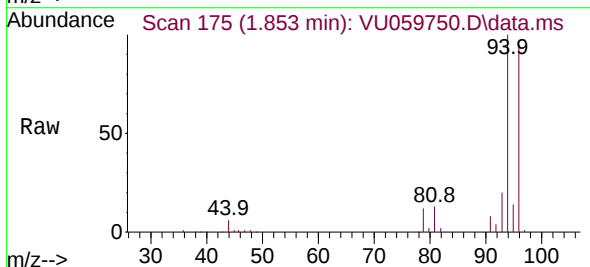
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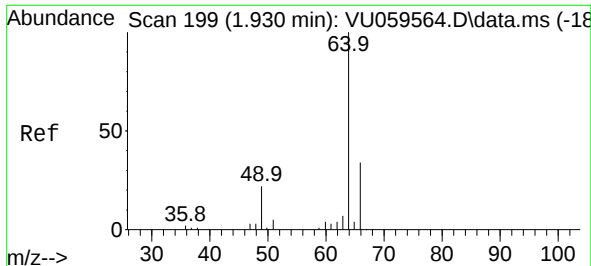
Tgt Ion: 94 Resp: 49579

Ion Ratio Lower Upper

94 100

96 95.5 62.9 116.9

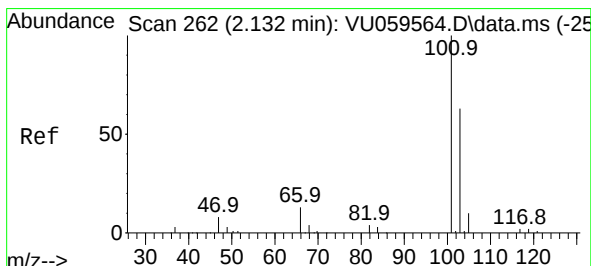
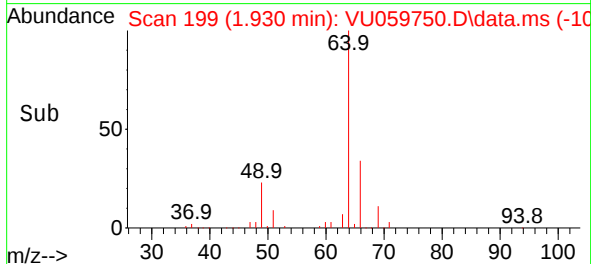
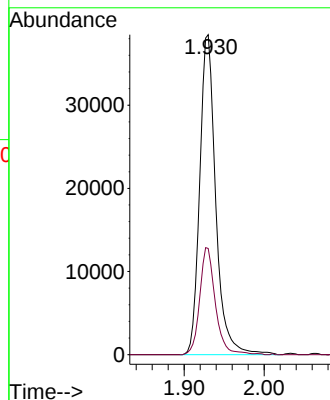
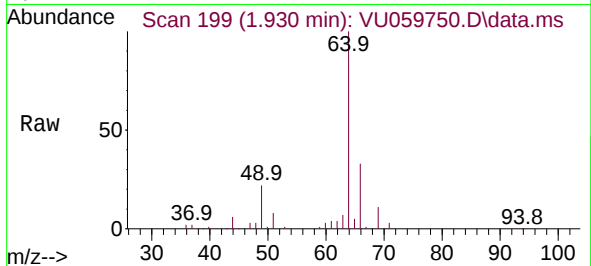




#8
Chloroethane
Concen: 4.987 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

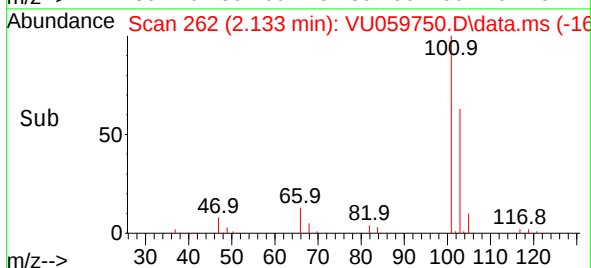
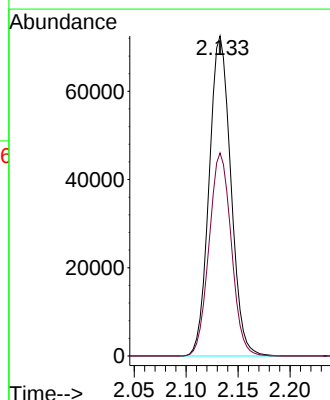
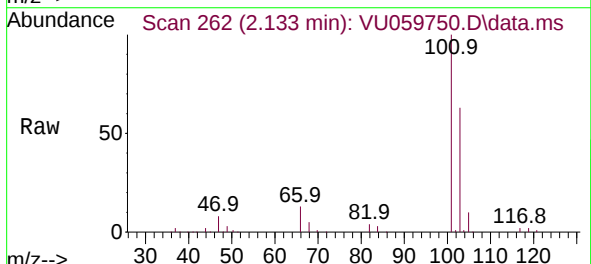
Instrument :
MSVOA_U
ClientSampleId :

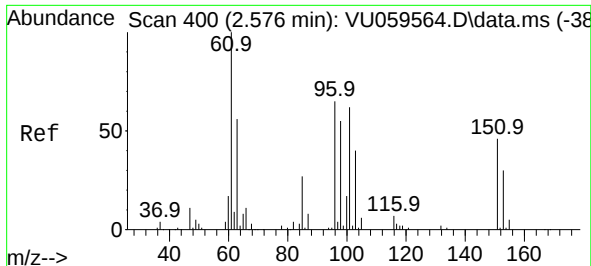
Tgt Ion: 64 Resp: 53796
Ion Ratio Lower Upper
64 100
66 33.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.889 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

Tgt Ion:101 Resp: 105354
Ion Ratio Lower Upper
101 100
103 64.9 52.6 79.0

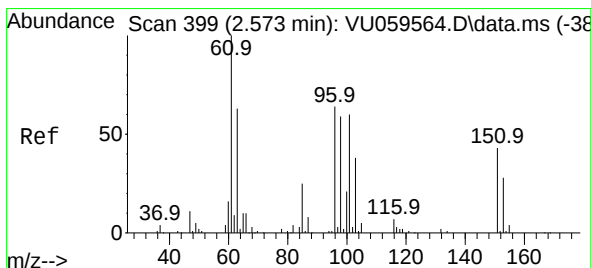
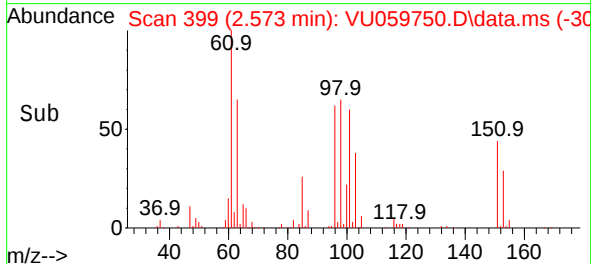
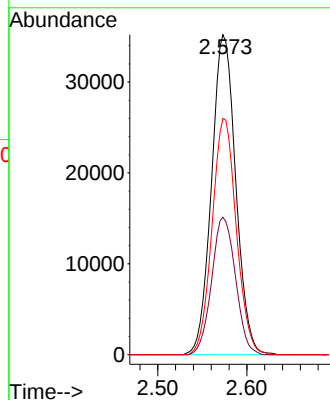
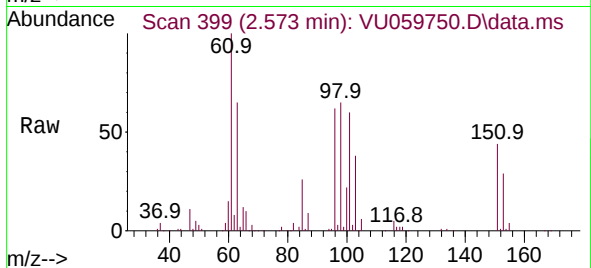




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.872 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

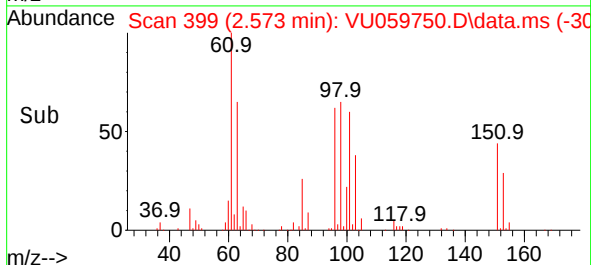
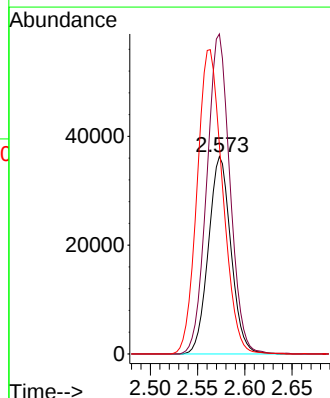
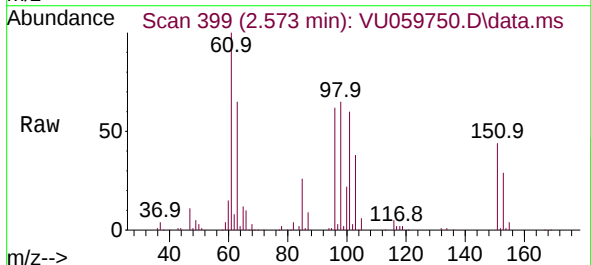
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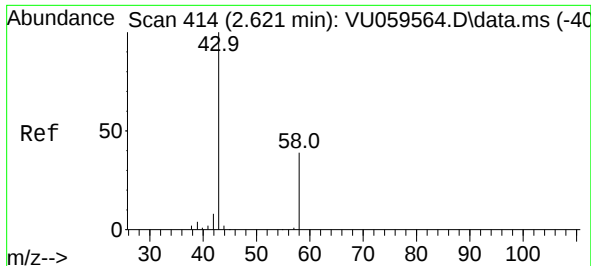
Tgt Ion:101 Resp: 66465
Ion Ratio Lower Upper
101 100
85 42.2 36.2 54.4
151 73.7 55.5 83.3



#12
1,1-Dichloroethene
Concen: 4.765 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

Tgt Ion: 96 Resp: 60048
Ion Ratio Lower Upper
96 100
61 162.1 122.9 228.3
63 105.9 80.4 149.4





#13

Acetone

Concen: 50.189 ug/L

RT: 2.631 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU059750.D

Acq: 02 Jul 2024 19:55

Instrument :

MSVOA_U

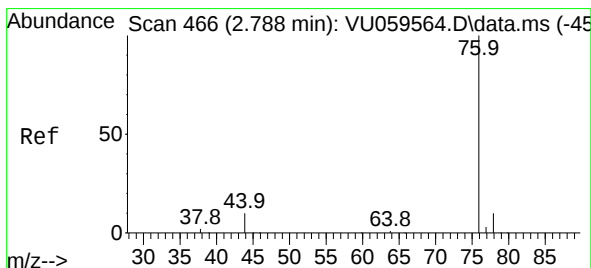
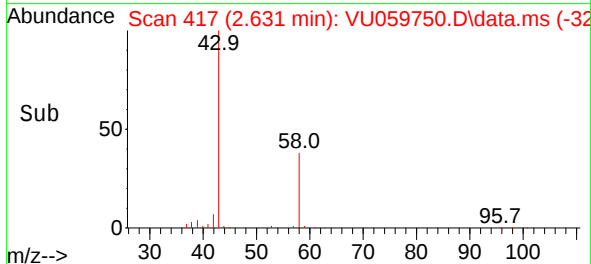
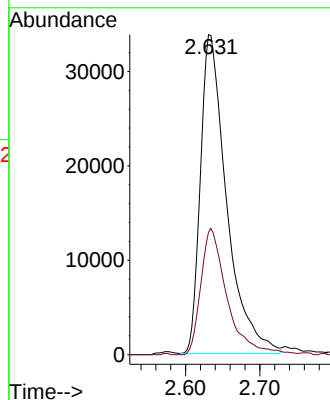
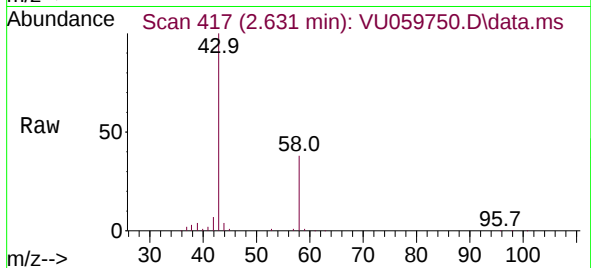
ClientSampleId :

Tgt Ion: 43 Resp: 82862

Ion Ratio Lower Upper

43 100

58 39.6 0.0 68.0



#14

Carbon disulfide

Concen: 4.623 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU059750.D

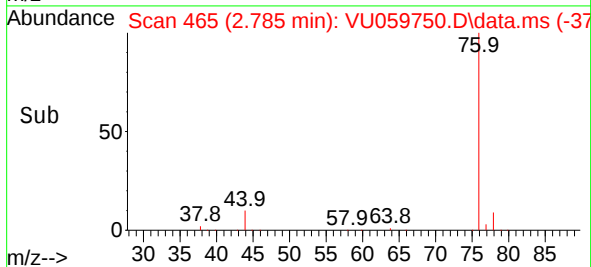
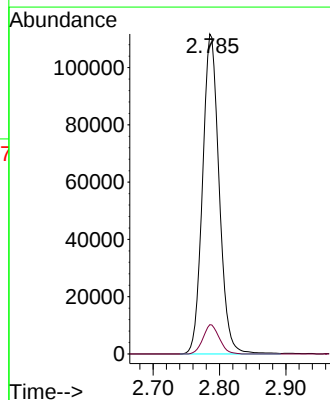
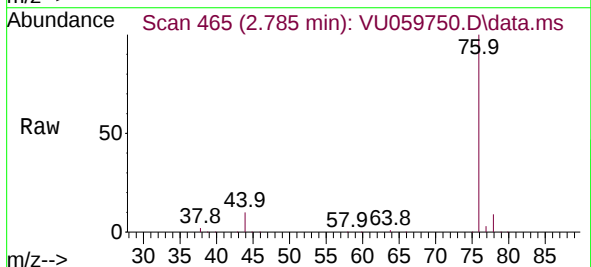
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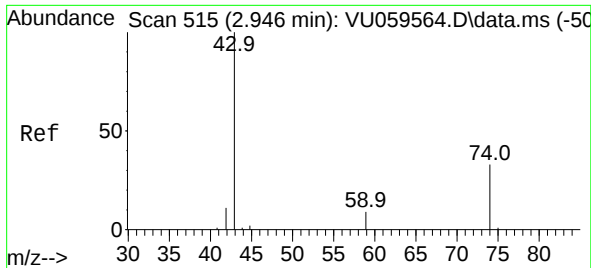
Tgt Ion: 76 Resp: 194368

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 4.865 ug/L

RT: 2.949 min Scan# 515

Delta R.T. 0.000 min

Lab File: VU059750.D

Acq: 02 Jul 2024 19:55

Instrument :

MSVOA_U

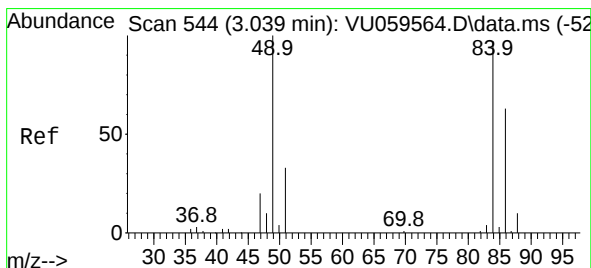
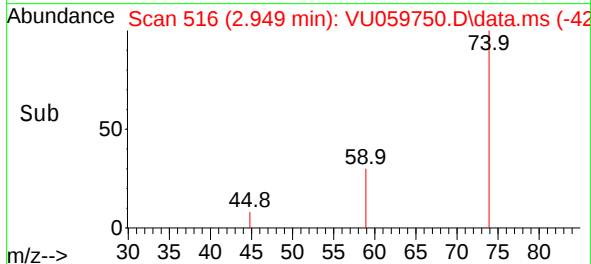
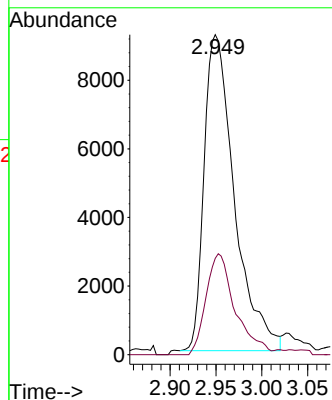
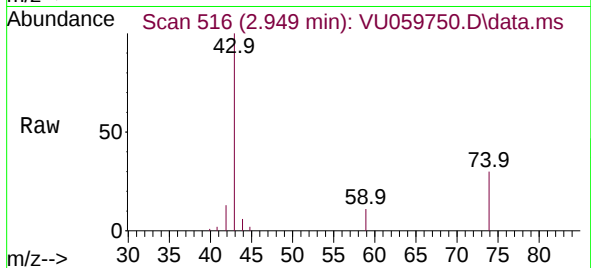
ClientSampleId :

Tgt Ion: 43 Resp: 21195

Ion Ratio Lower Upper

43 100

74 30.7 19.2 28.8#



#16

Methylene chloride

Concen: 4.993 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU059750.D

Acq: 02 Jul 2024 19:55

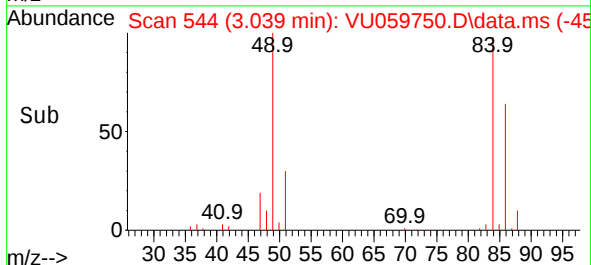
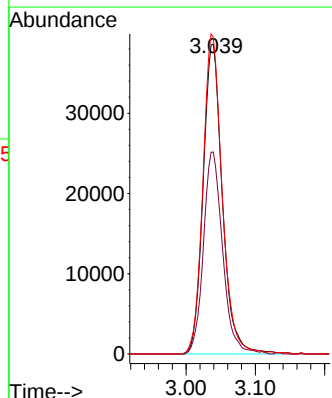
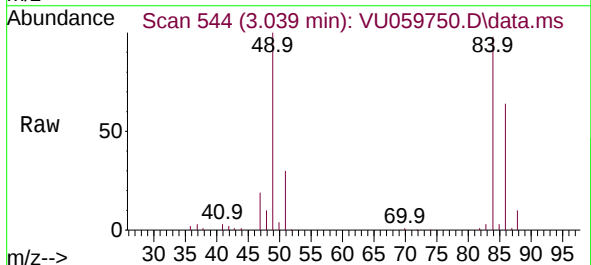
Tgt Ion: 84 Resp: 74570

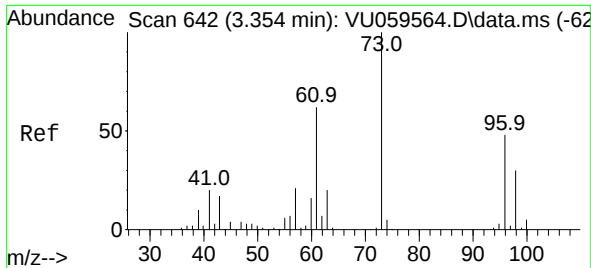
Ion Ratio Lower Upper

84 100

86 65.2 42.1 78.1

49 102.2 80.6 149.8

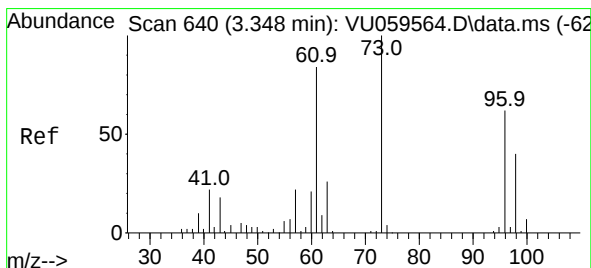
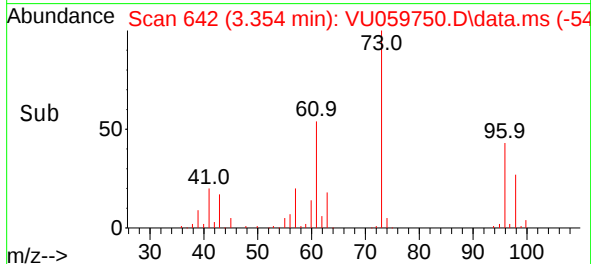
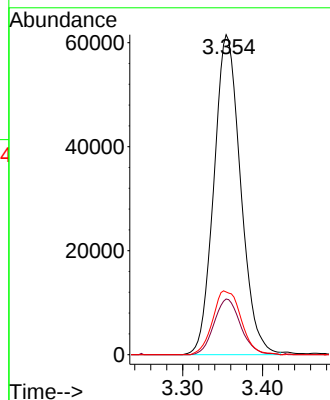
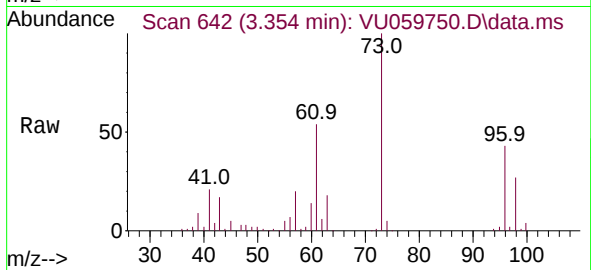




#17
Methyl tert-butyl Ether
Concen: 5.250 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

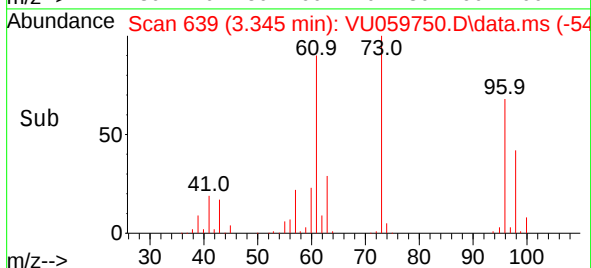
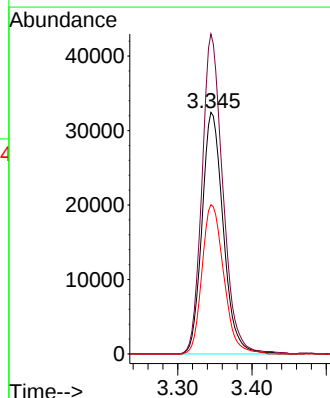
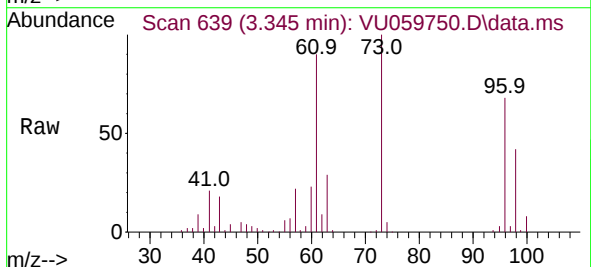
Instrument :
MSVOA_U
ClientSampleId :

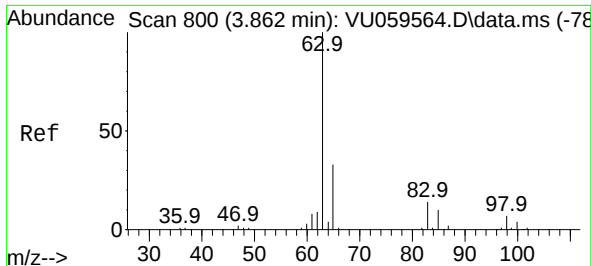
Tgt Ion: 73 Resp: 142576
Ion Ratio Lower Upper
73 100
43 17.3 14.9 22.3
57 21.3 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.921 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

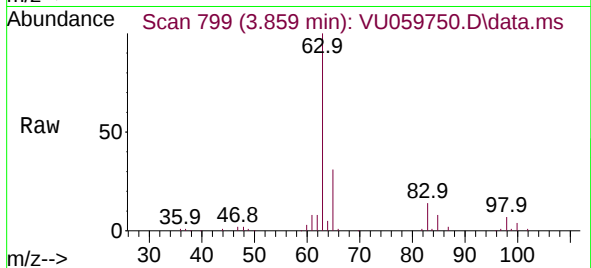
Tgt Ion: 96 Resp: 64498
Ion Ratio Lower Upper
96 100
61 132.5 101.8 189.0
98 61.8 43.3 80.5



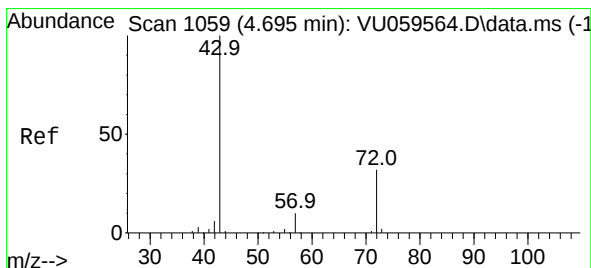
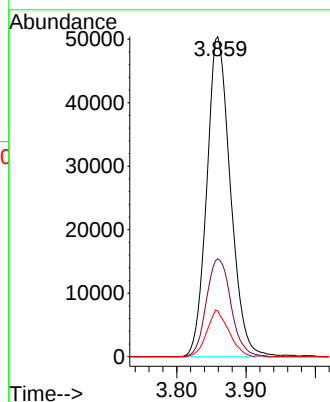
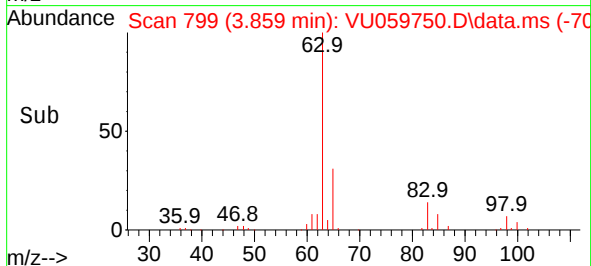


#19
1,1-Dichloroethane
Concen: 4.935 ug/L
RT: 3.859 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

Instrument :
MSVOA_U
ClientSampleId :

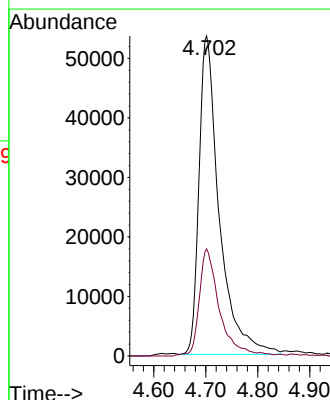
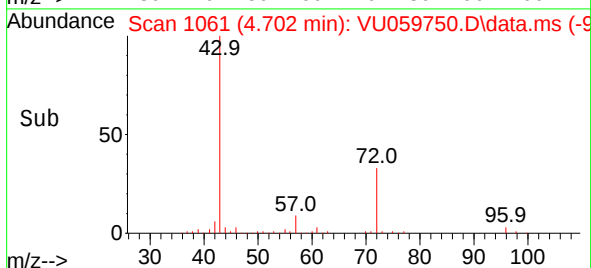
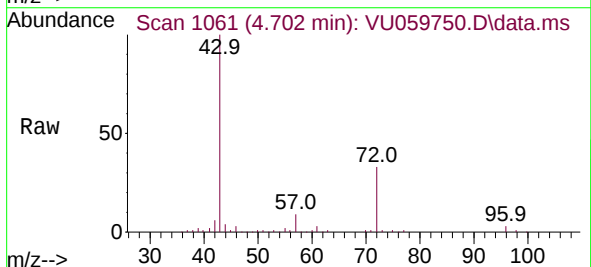


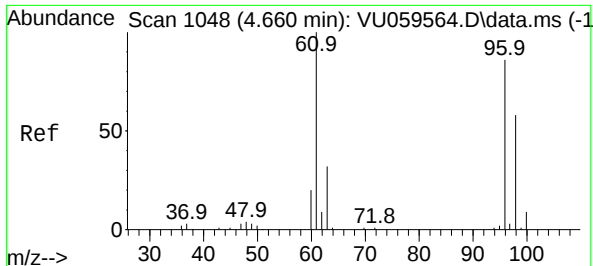
Tgt Ion: 63 Resp: 119283
Ion Ratio Lower Upper
63 100
65 30.6 21.8 40.6
83 14.3 9.9 18.5



#21
2-Butanone
Concen: 54.713 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. 0.003 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

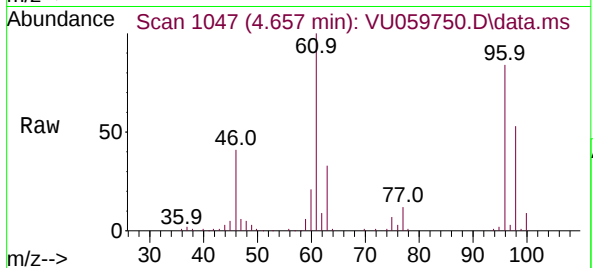
Tgt Ion: 43 Resp: 144886
Ion Ratio Lower Upper
43 100
72 32.8 13.8 41.4



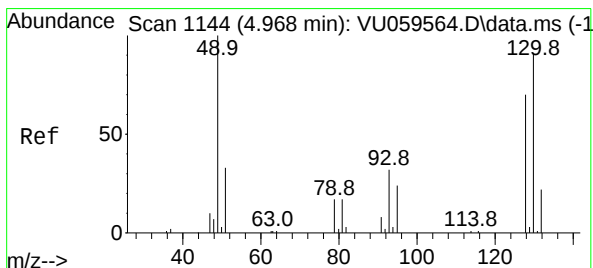
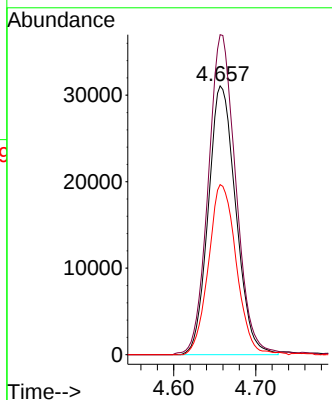
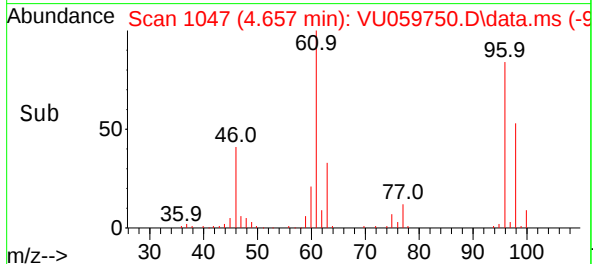


#22
cis-1,2-Dichloroethene
Concen: 5.020 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

Instrument :
MSVOA_U
ClientSampleId :

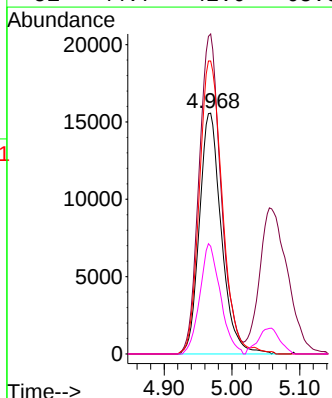
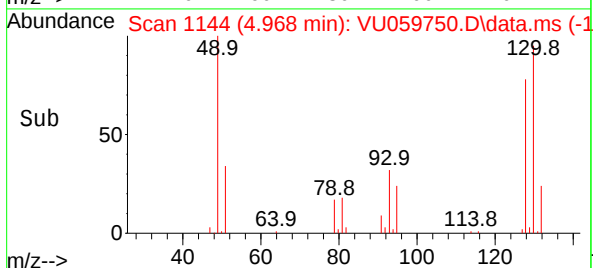
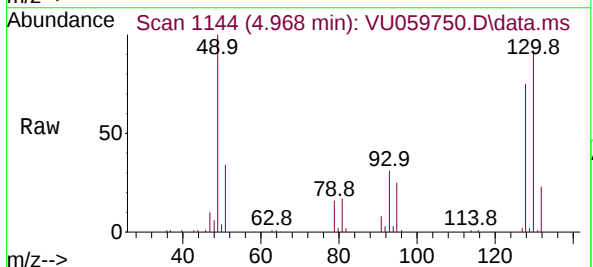


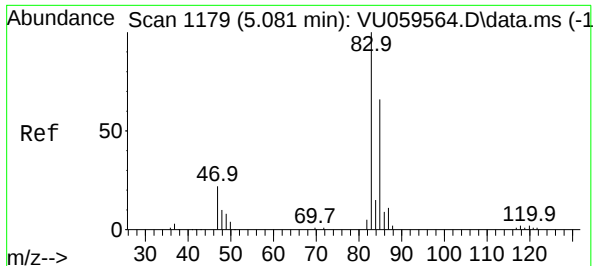
Tgt Ion: 96 Resp: 72522
Ion Ratio Lower Upper
96 100
61 119.0 87.4 162.2
98 63.3 42.3 78.5



#23
Bromochloromethane
Concen: 5.307 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

Tgt Ion:128 Resp: 34951
Ion Ratio Lower Upper
128 100
49 132.9 117.0 217.4
130 121.7 89.6 166.4
51 44.7 42.0 63.0





#25

Chloroform

Concen: 4.959 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU059750.D

Acq: 02 Jul 2024 19:55

Instrument :

MSVOA_U

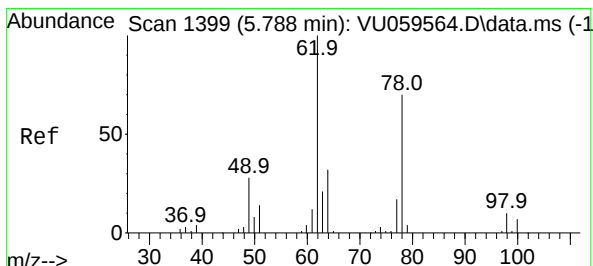
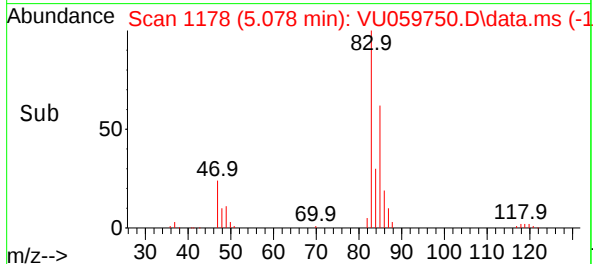
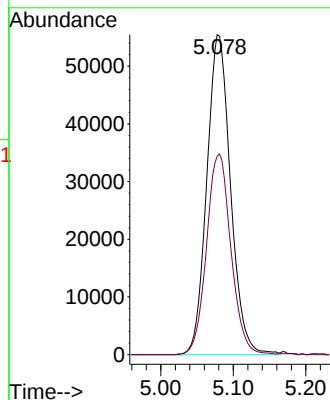
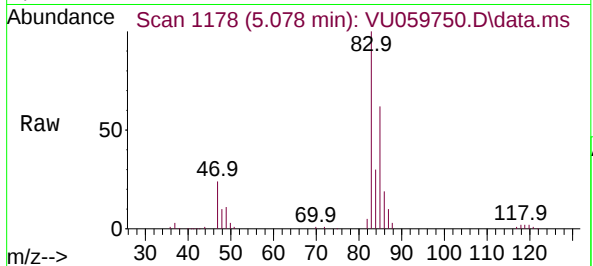
ClientSampleId :

Tgt Ion: 83 Resp: 126232

Ion Ratio Lower Upper

83 100

85 62.0 44.7 83.1



#27

1,2-Dichloroethane

Concen: 4.880 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU059750.D

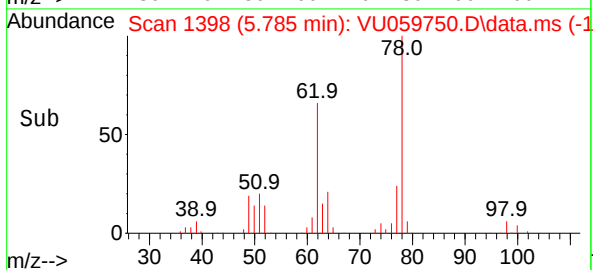
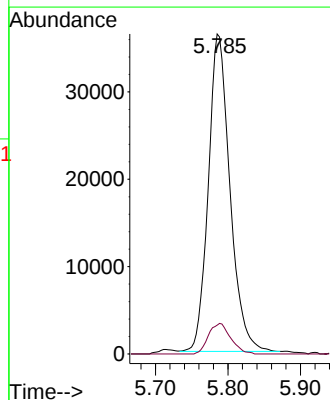
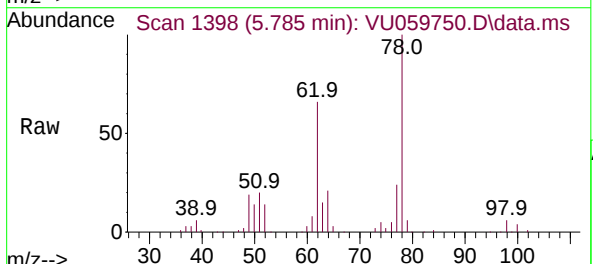
Acq: 02 Jul 2024 19:55

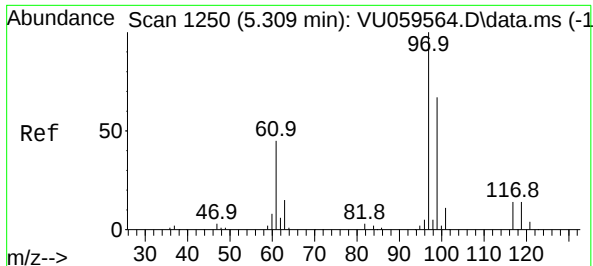
Tgt Ion: 62 Resp: 75282

Ion Ratio Lower Upper

62 100

98 9.0 7.5 11.3

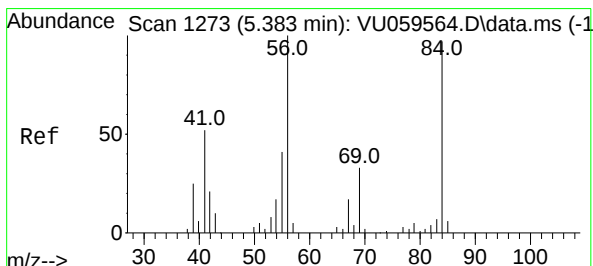
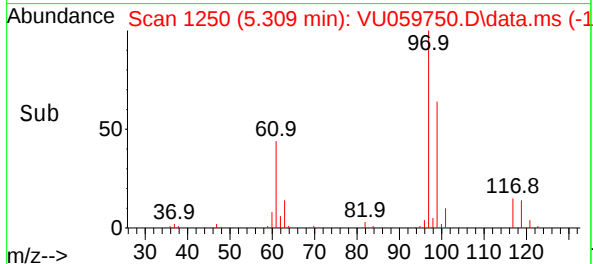
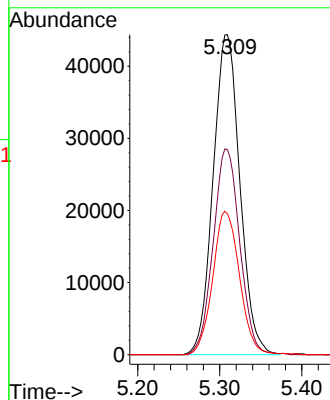
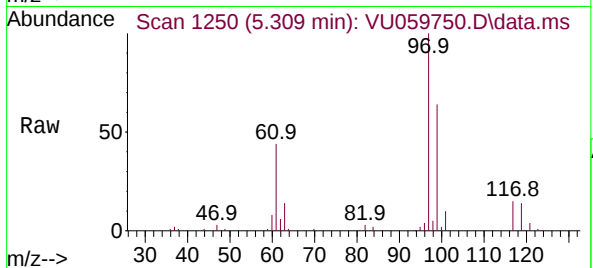




#29
1,1,1-Trichloroethane
Concen: 4.872 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

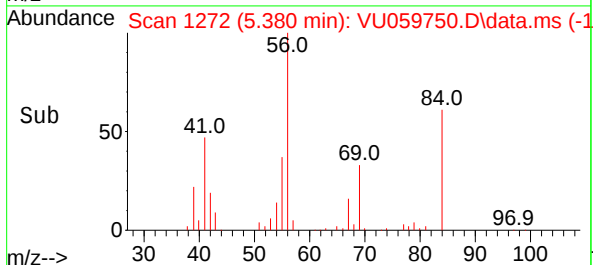
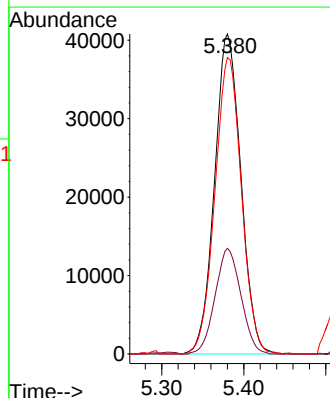
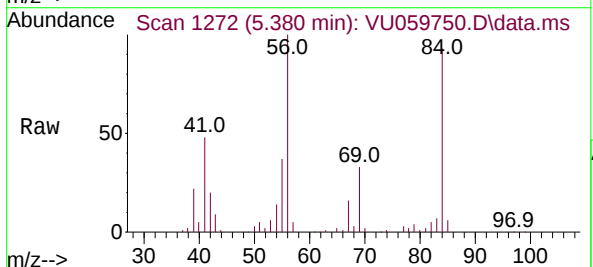
Instrument :
MSVOA_U
ClientSampleId :

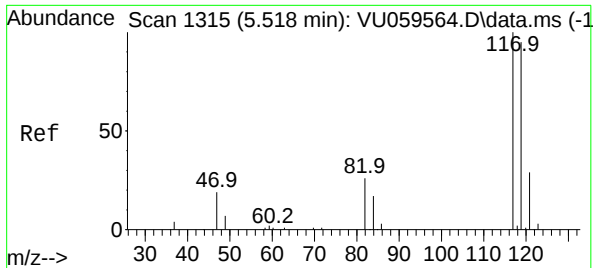
Tgt Ion: 97 Resp: 100819
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.6
61 45.0 37.4 56.2



#30
Cyclohexane
Concen: 4.979 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

Tgt Ion: 56 Resp: 90957
Ion Ratio Lower Upper
56 100
69 32.4 24.8 37.2
84 93.5 69.8 104.8

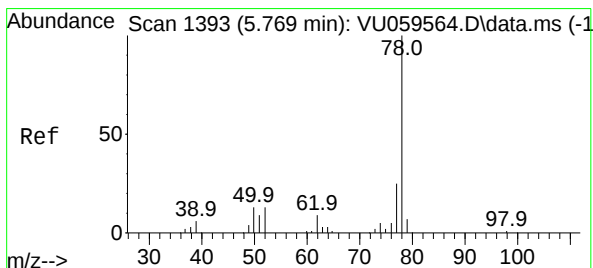
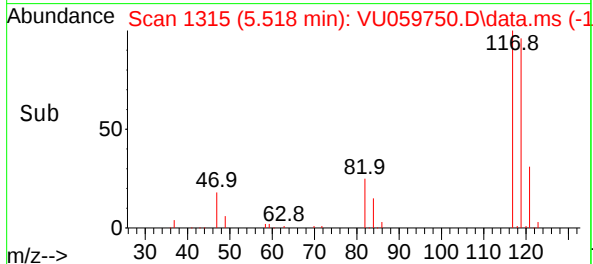
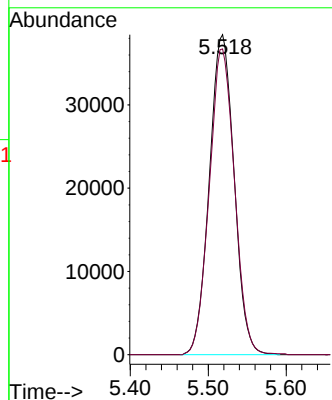
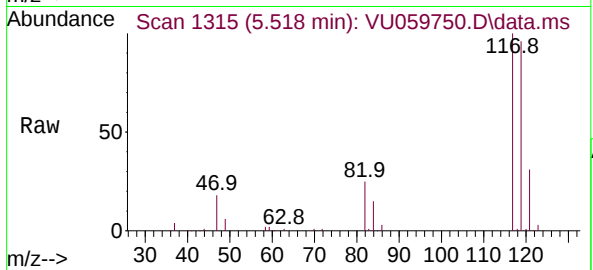




#31
Carbon tetrachloride
Concen: 4.900 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

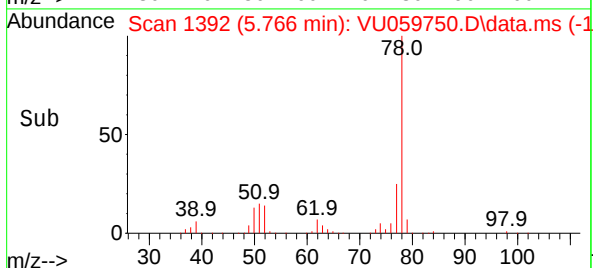
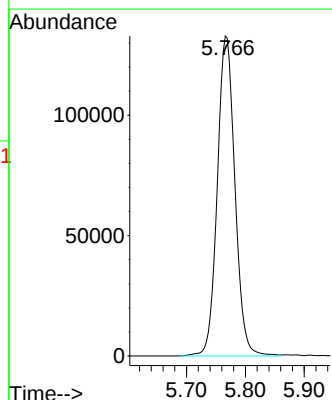
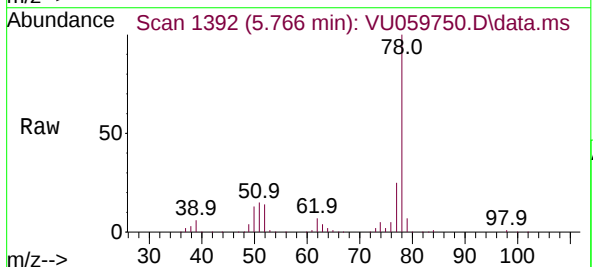
Instrument :
MSVOA_U
ClientSampleId :

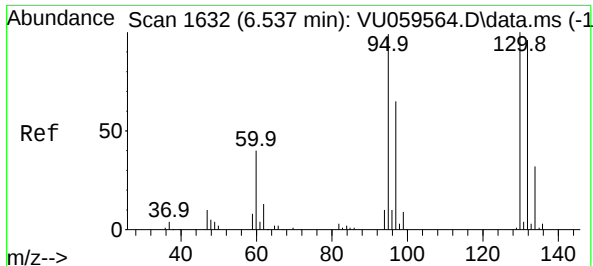
Tgt Ion:117 Resp: 84895
Ion Ratio Lower Upper
117 100
119 97.2 77.5 116.3



#33
Benzene
Concen: 5.086 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

Tgt Ion: 78 Resp: 276790

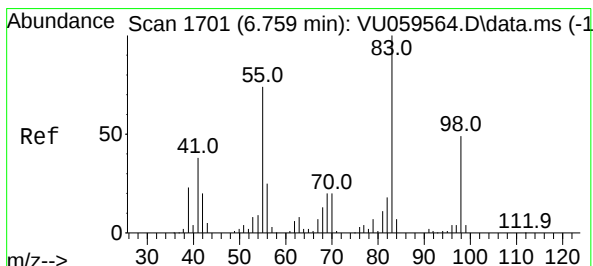
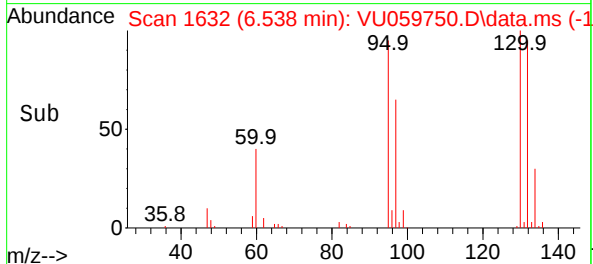
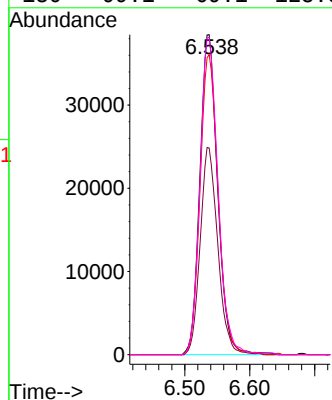
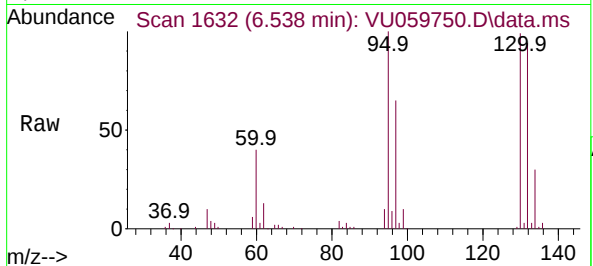




#34
Trichloroethene
Concen: 4.984 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

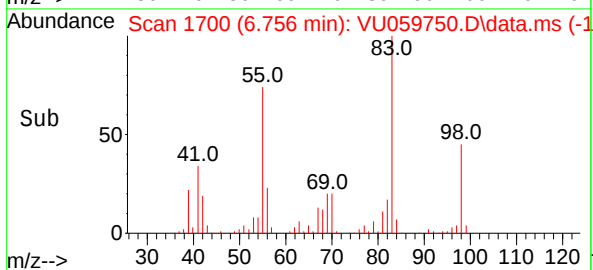
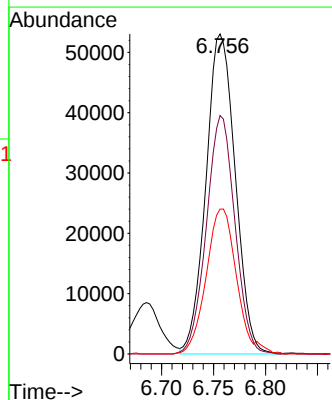
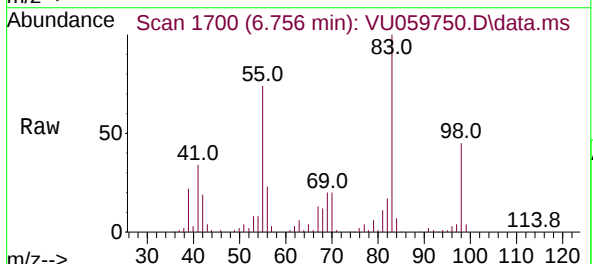
Instrument :
MSVOA_U
ClientSampleId :

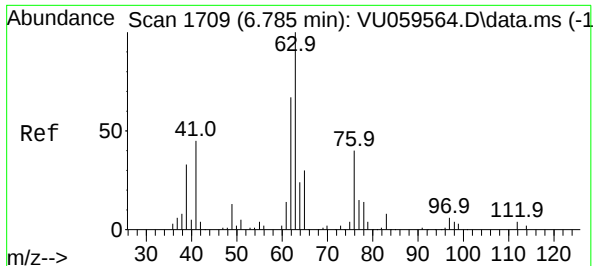
Tgt Ion: 95 Resp: 73451
Ion Ratio Lower Upper
95 100
97 64.6 45.3 84.1
132 93.8 64.0 119.0
130 99.1 69.1 128.3



#35
Methylcyclohexane
Concen: 4.976 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

Tgt Ion: 83 Resp: 104348
Ion Ratio Lower Upper
83 100
55 72.3 62.7 94.1
98 46.8 35.4 53.0

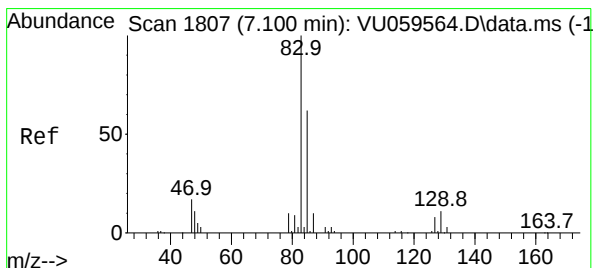
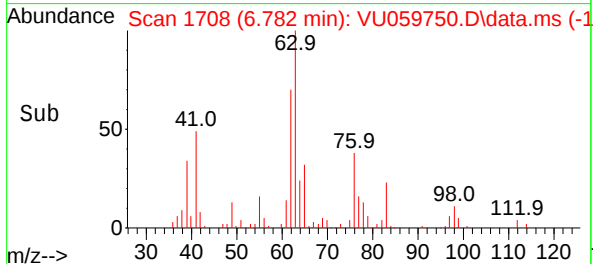
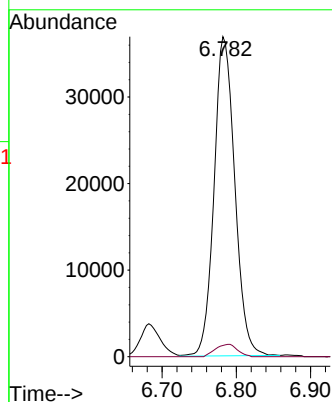
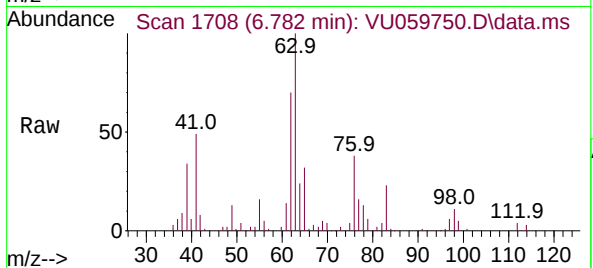




#37
1,2-Dichloropropane
Concen: 5.085 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

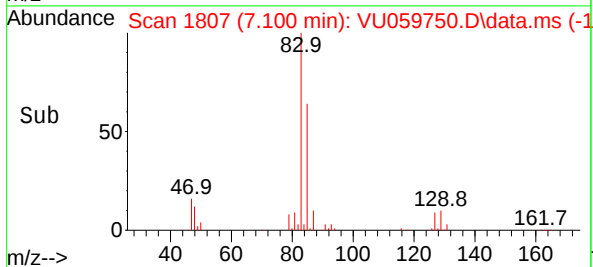
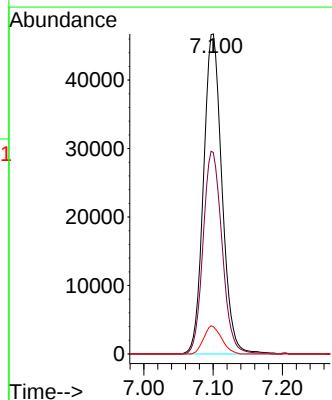
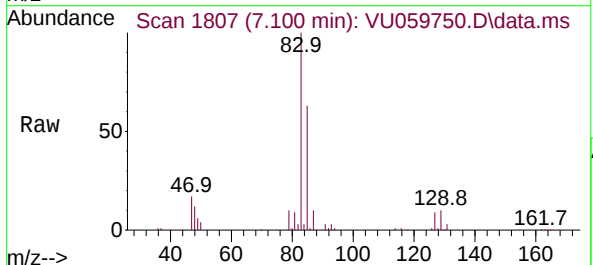
Instrument :
MSVOA_U
ClientSampleId :

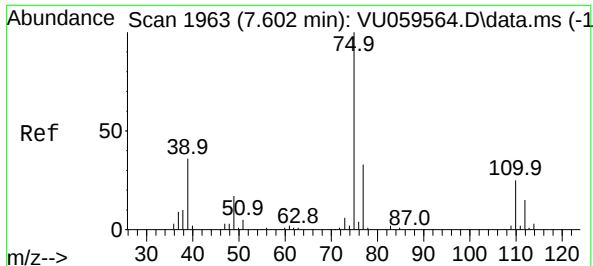
Tgt Ion: 63 Resp: 71612
Ion Ratio Lower Upper
63 100
112 4.1 2.6 3.8#



#38
Bromodichloromethane
Concen: 4.912 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

Tgt Ion: 83 Resp: 86353
Ion Ratio Lower Upper
83 100
85 62.9 42.7 79.3
127 8.6 6.1 9.1

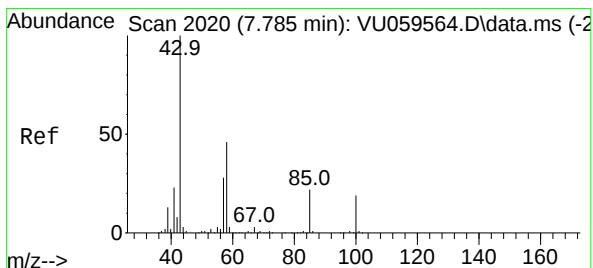
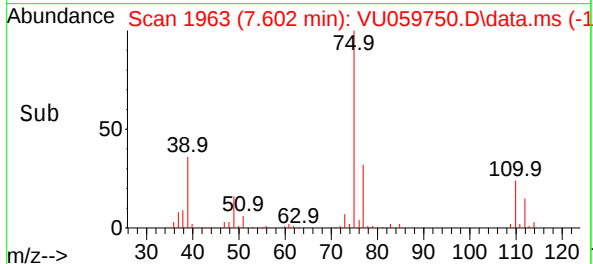
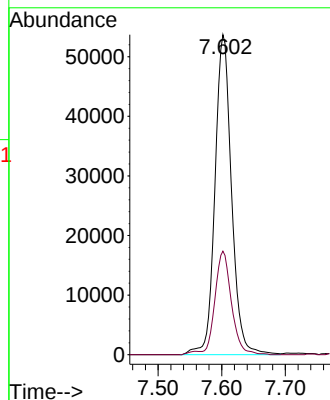
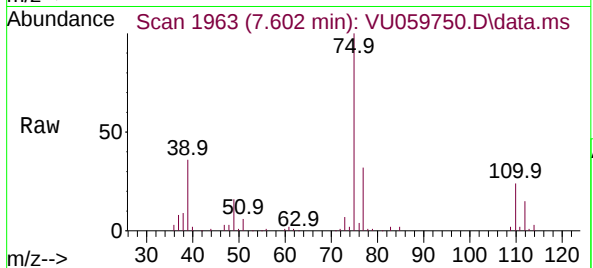




#39
 cis-1,3-Dichloropropene
 Concen: 5.057 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU059750.D
 Acq: 02 Jul 2024 19:55

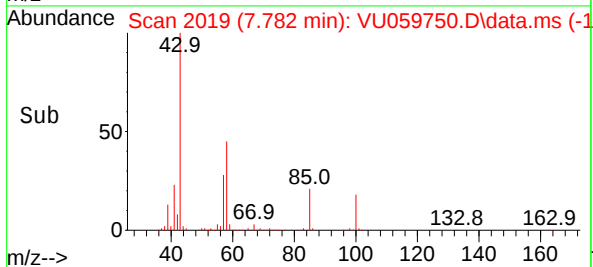
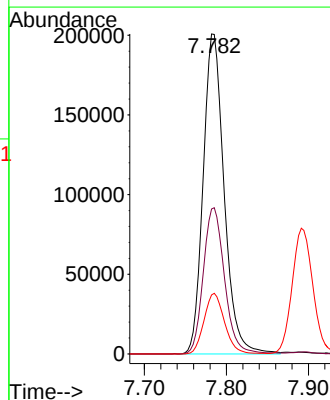
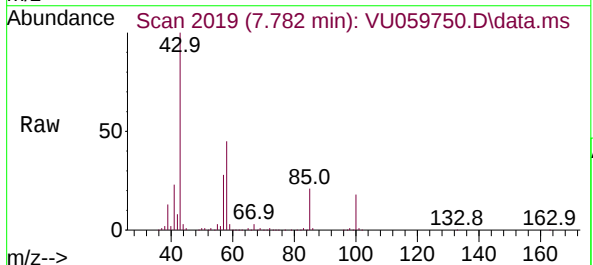
Instrument :
 MSVOA_U
 ClientSampleId :

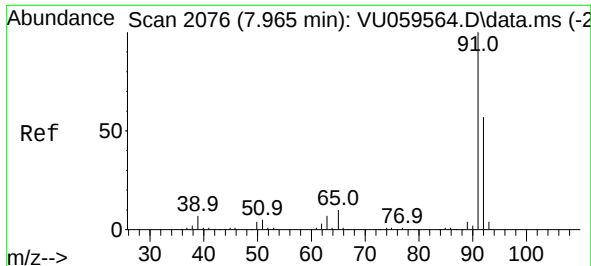
Tgt Ion: 75 Resp: 97395
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 54.874 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU059750.D
 Acq: 02 Jul 2024 19:55

Tgt Ion: 43 Resp: 358078
 Ion Ratio Lower Upper
 43 100
 58 46.3 34.0 51.0
 100 18.6 12.1 18.1#





#42

Toluene

Concen: 5.279 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU059750.D

Acq: 02 Jul 2024 19:55

Instrument :

MSVOA_U

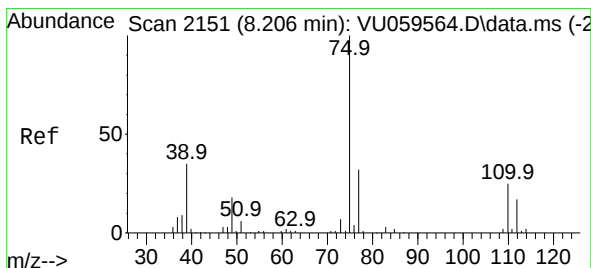
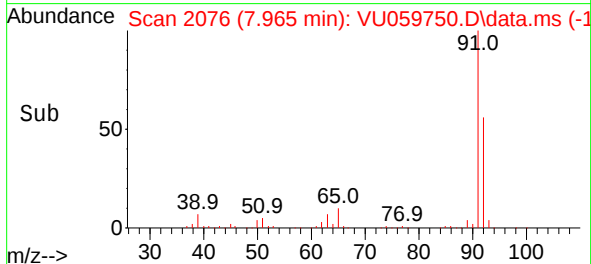
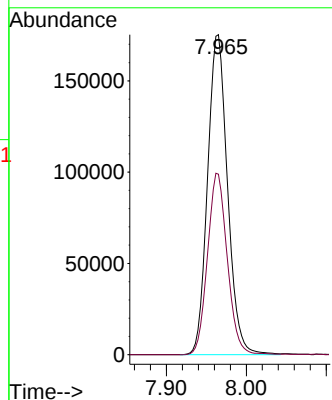
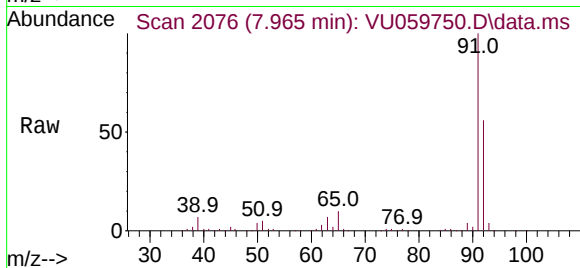
ClientSampleId :

Tgt Ion: 91 Resp: 304150

Ion Ratio Lower Upper

91 100

92 56.4 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.307 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU059750.D

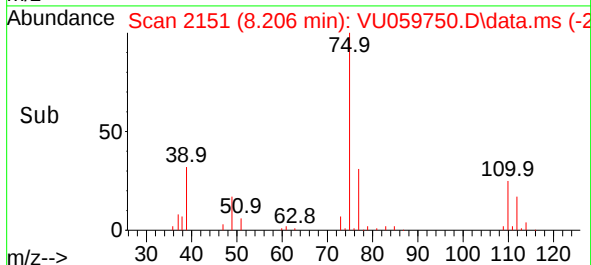
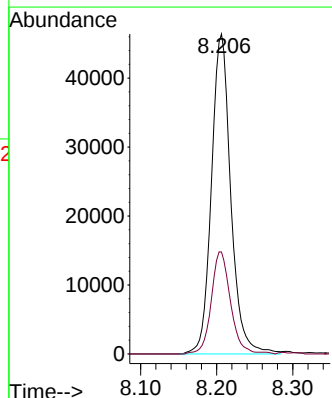
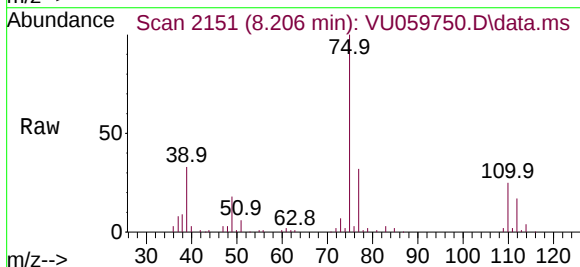
Acq: 02 Jul 2024 19:55

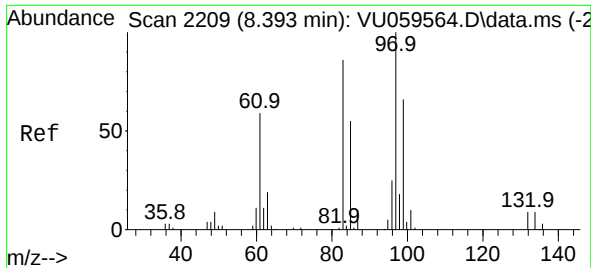
Tgt Ion: 75 Resp: 82036

Ion Ratio Lower Upper

75 100

77 31.8 22.0 41.0

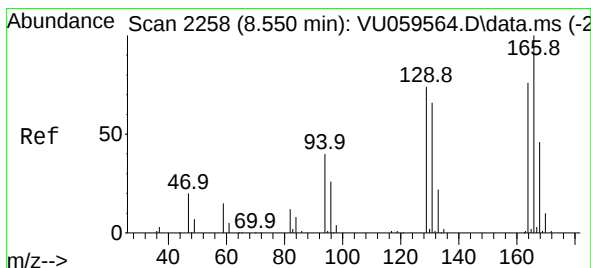
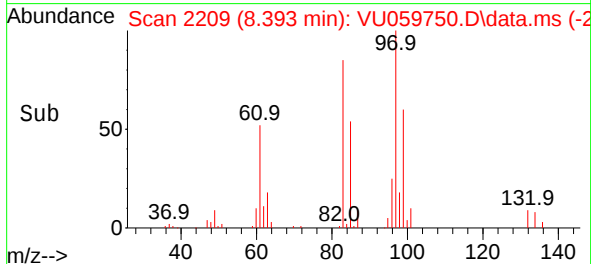
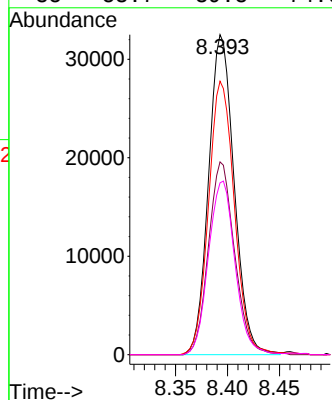
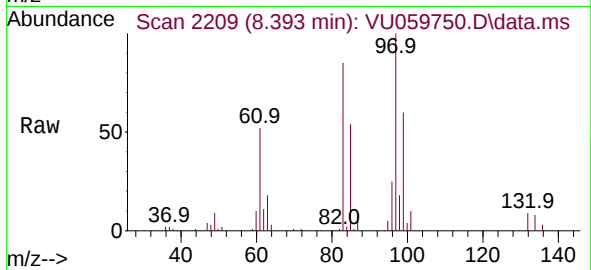




#45
1,1,2-Trichloroethane
Concen: 5.367 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

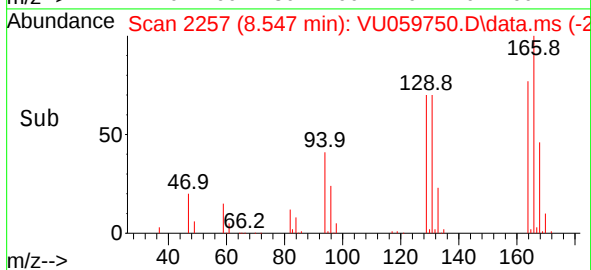
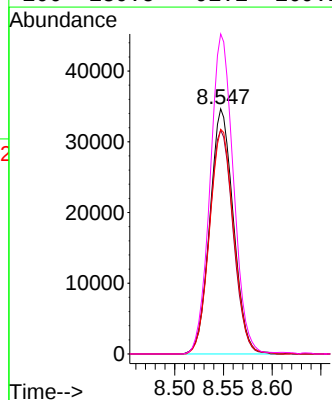
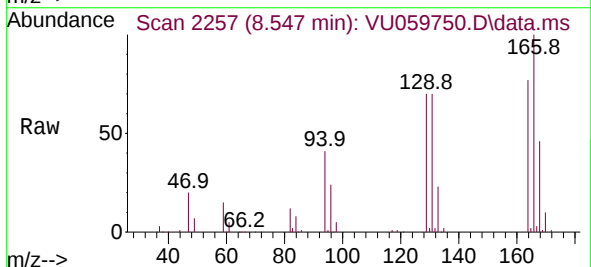
Instrument :
MSVOA_U
ClientSampleId :

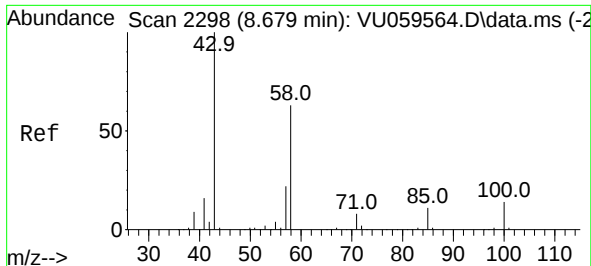
Tgt Ion:	97	Resp:	55697
Ion	Ratio	Lower	Upper
97	100		
99	60.3	43.3	80.3
83	85.5	62.3	115.7
85	53.7	39.8	74.0



#47
Tetrachloroethene
Concen: 5.084 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

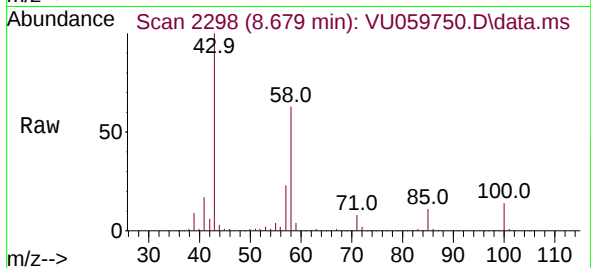
Tgt Ion:	164	Resp:	58137
Ion	Ratio	Lower	Upper
164	100		
129	91.3	70.8	131.4
131	91.6	64.8	120.3
166	130.5	91.1	169.1



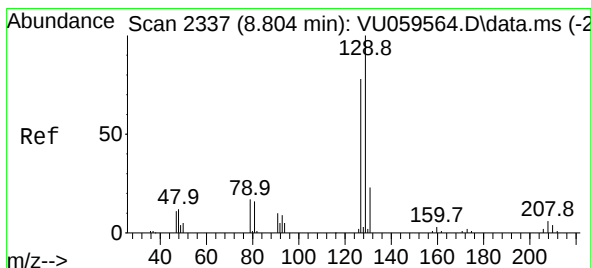
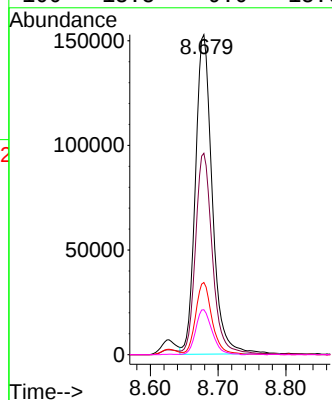
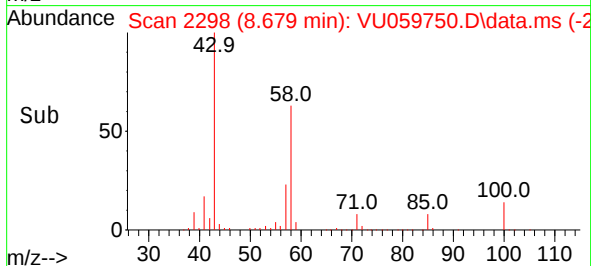


#48
2-Hexanone
Concen: 56.627 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

Instrument :
MSVOA_U
ClientSampleId :

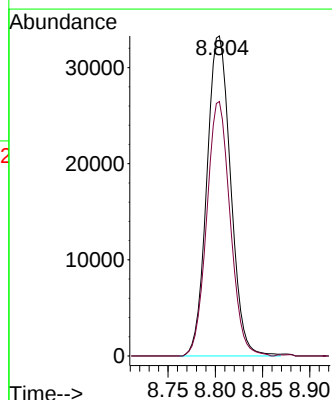
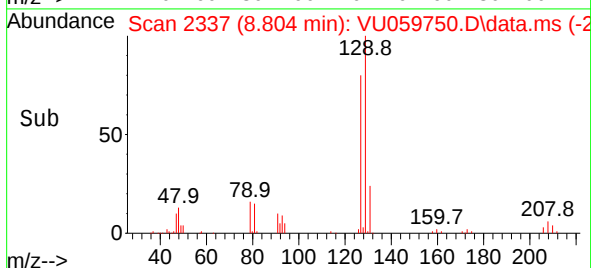
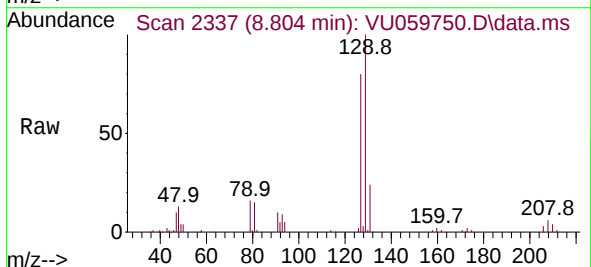


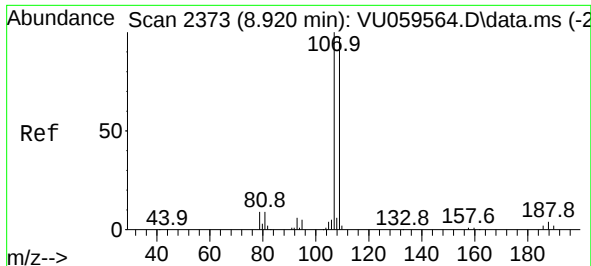
Tgt Ion: 43 Resp: 263720
Ion Ratio Lower Upper
43 100
58 62.8 46.1 69.1
57 21.8 15.5 23.3
100 13.8 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.074 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

Tgt Ion: 129 Resp: 58329
Ion Ratio Lower Upper
129 100
127 79.5 52.5 97.5

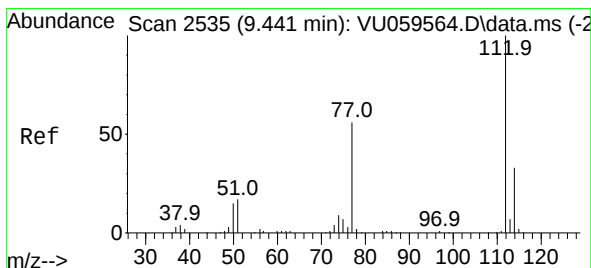
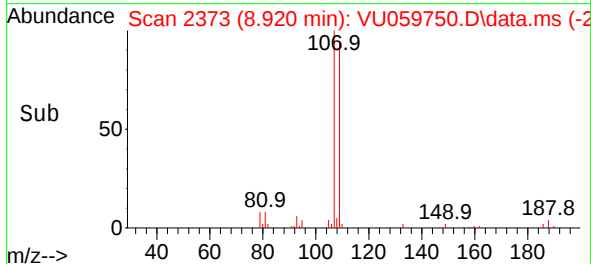
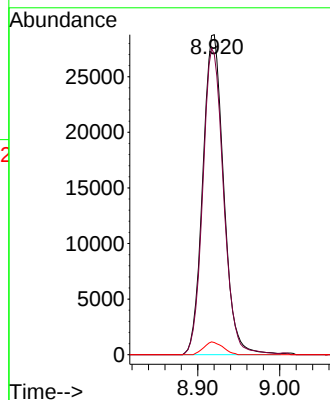
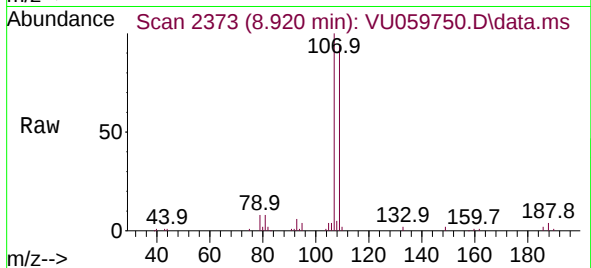




#50
1,2-Dibromoethane
Concen: 5.324 ug/L
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

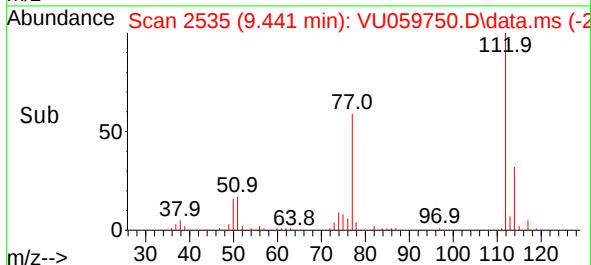
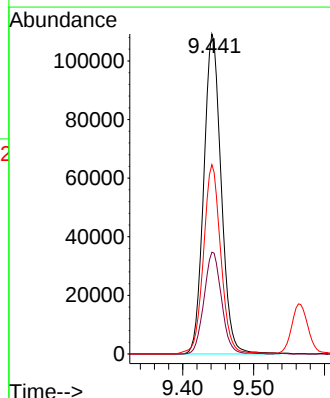
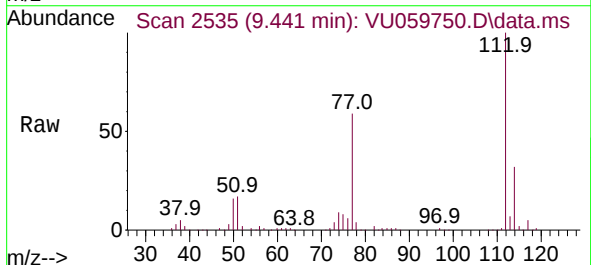
Instrument :
MSVOA_U
ClientSampleId :

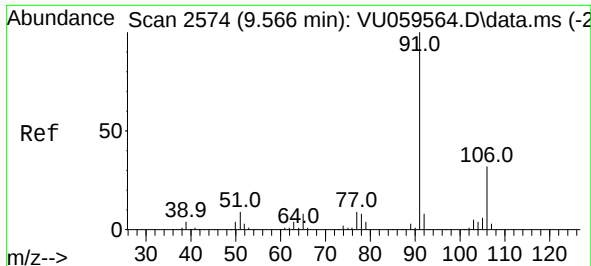
Tgt Ion:	107	Resp:	51024
Ion Ratio	Lower	Upper	
107	100		
109	94.0	66.9	124.3
188	3.8	2.7	4.1



#51
Chlorobenzene
Concen: 5.101 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

Tgt Ion:	112	Resp:	186396
Ion Ratio	Lower	Upper	
112	100		
114	31.8	22.4	41.6
77	59.2	49.1	73.7

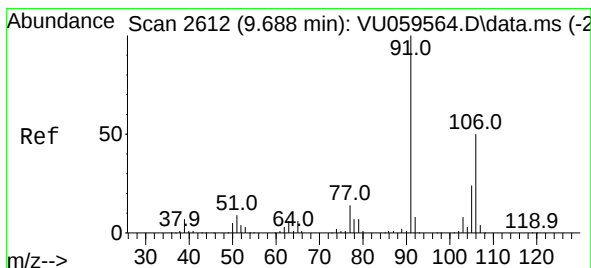
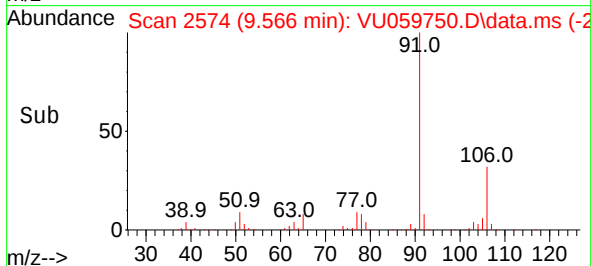
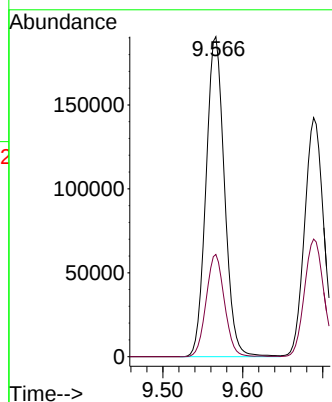
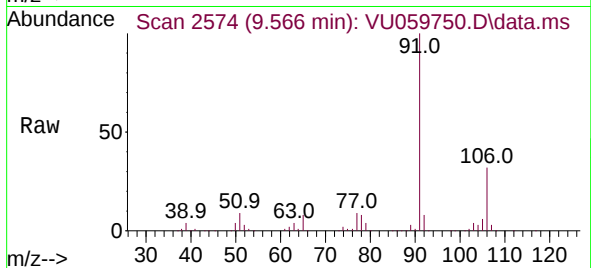




#52
Ethylbenzene
Concen: 5.188 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

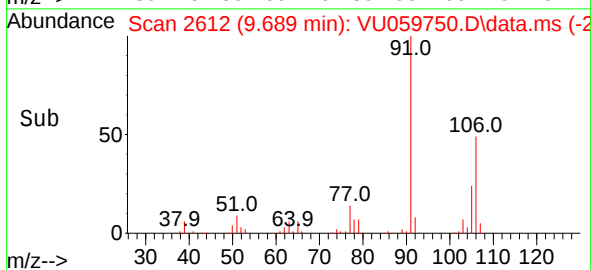
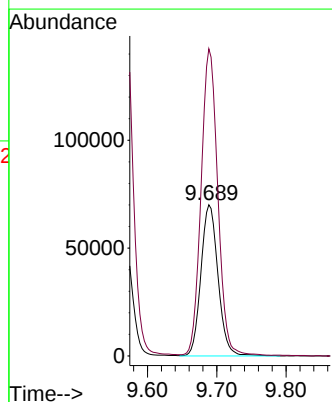
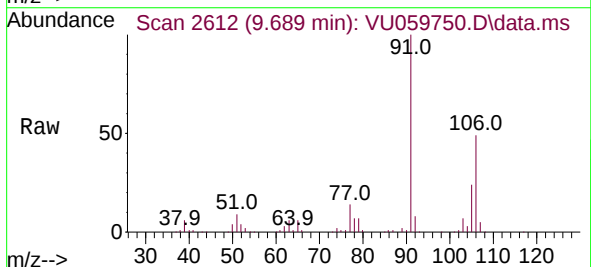
Instrument :
MSVOA_U
ClientSampleId :

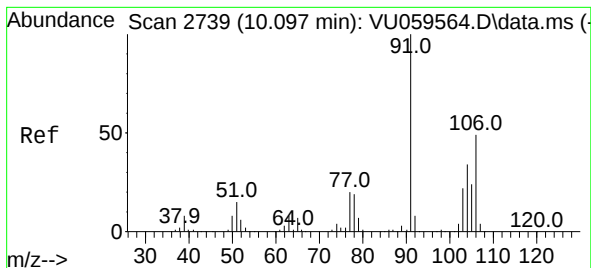
Tgt Ion: 91 Resp: 306617
Ion Ratio Lower Upper
91 100
106 32.0 20.9 38.7



#53
m,p-Xylene
Concen: 5.287 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

Tgt Ion:106 Resp: 119999
Ion Ratio Lower Upper
106 100
91 203.1 142.0 263.8





#54

o-Xylene

Concen: 5.230 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU059750.D

Acq: 02 Jul 2024 19:55

Instrument :

MSVOA_U

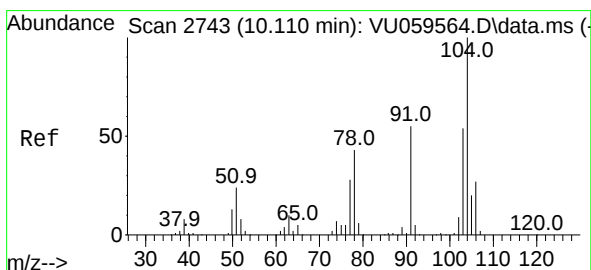
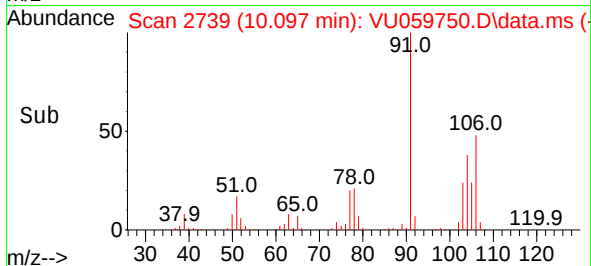
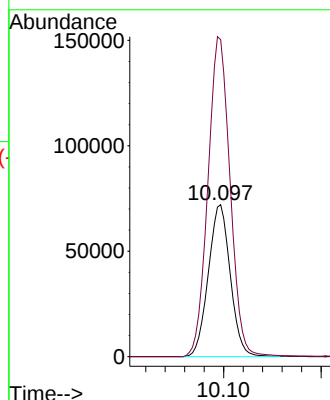
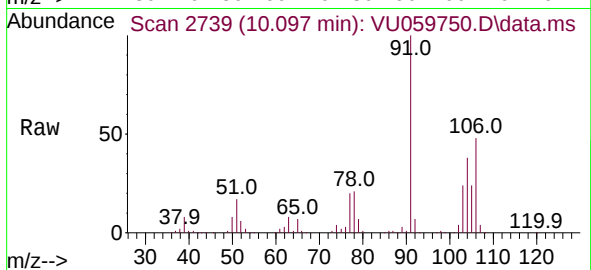
ClientSampleId :

Tgt Ion:106 Resp: 112661

Ion Ratio Lower Upper

106 100

91 208.5 151.6 281.6



#55

Styrene

Concen: 5.398 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU059750.D

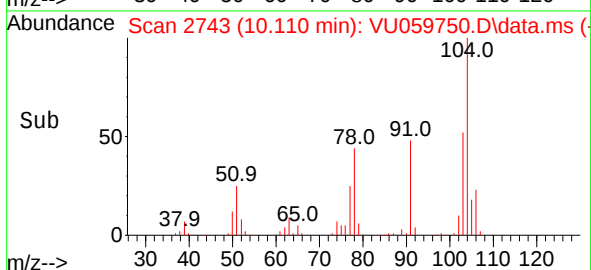
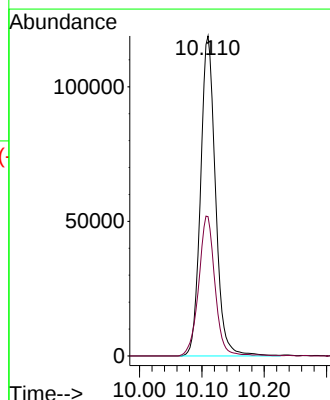
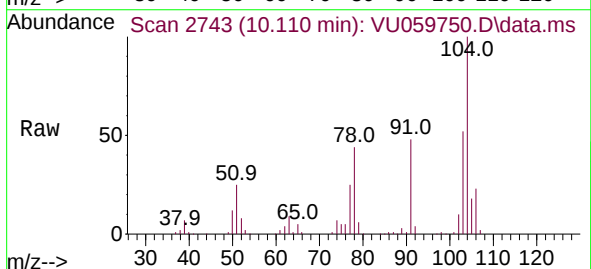
Acq: 02 Jul 2024 19:55

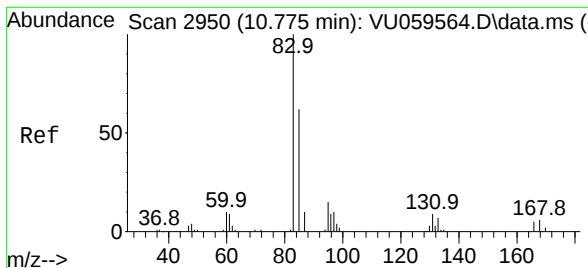
Tgt Ion:104 Resp: 197964

Ion Ratio Lower Upper

104 100

78 43.5 32.3 60.1

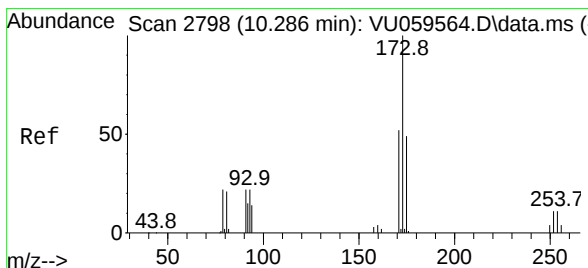
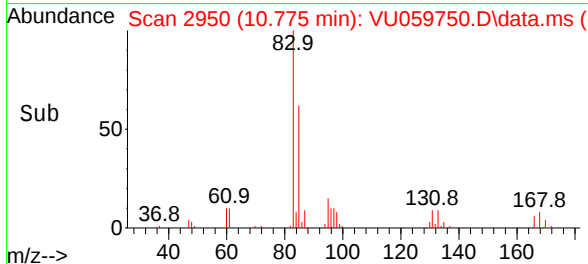
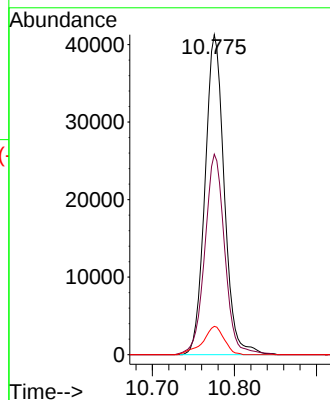
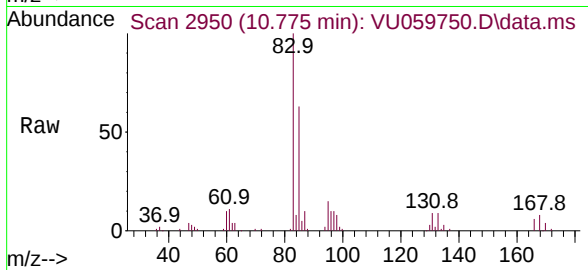




#57
1,1,2,2-Tetrachloroethane
Concen: 5.341 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

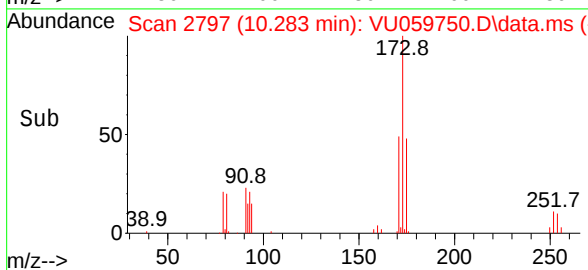
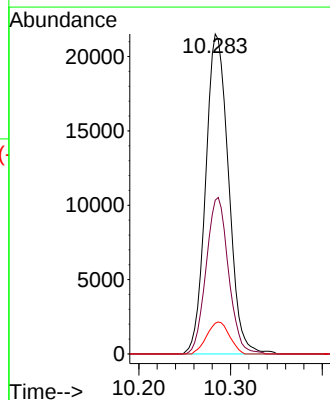
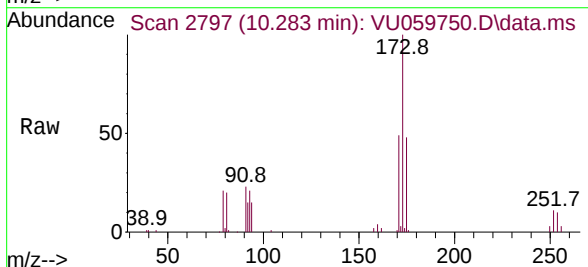
Instrument :
MSVOA_U
ClientSampleId :

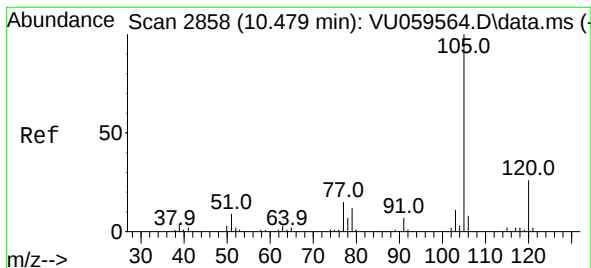
Tgt Ion: 83 Resp: 67240
Ion Ratio Lower Upper
83 100
85 62.6 44.7 82.9
131 8.9 6.9 10.3



#59
Bromoform
Concen: 5.033 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

Tgt Ion:173 Resp: 37210
Ion Ratio Lower Upper
173 100
175 47.8 39.4 59.2
254 9.9 7.4 11.2





#60

Isopropylbenzene

Concen: 5.053 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU059750.D

Acq: 02 Jul 2024 19:55

Instrument :

MSVOA_U

ClientSampleId :

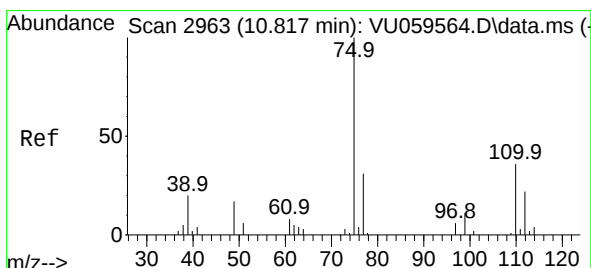
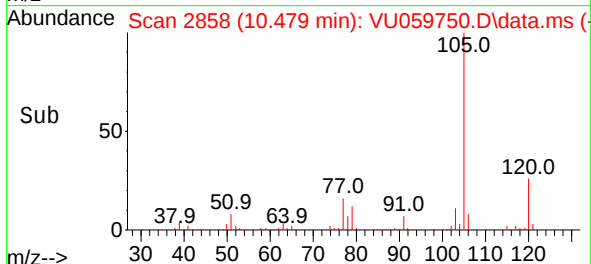
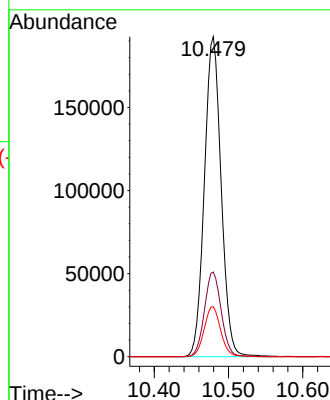
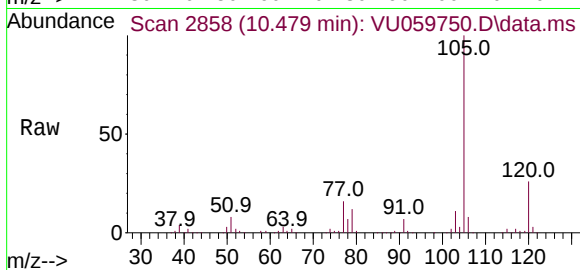
Tgt Ion:105 Resp: 301593

Ion Ratio Lower Upper

105 100

120 26.5 20.6 31.0

77 15.4 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.217 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU059750.D

Acq: 02 Jul 2024 19:55

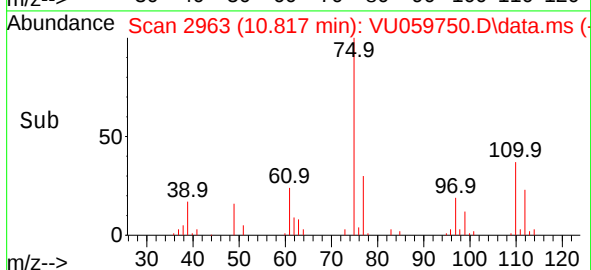
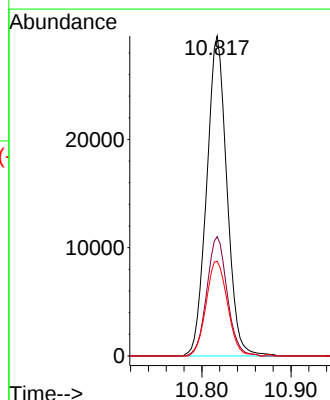
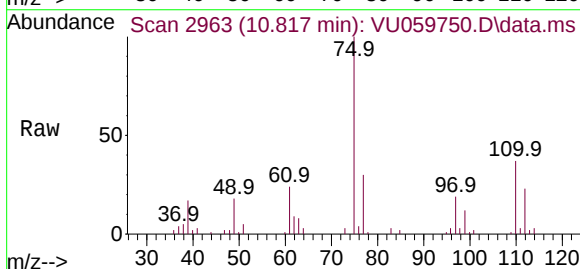
Tgt Ion: 75 Resp: 46577

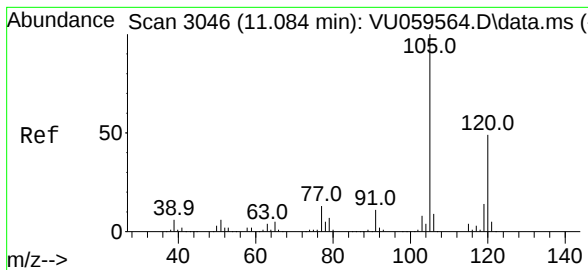
Ion Ratio Lower Upper

75 100

110 37.5 27.1 40.7

77 31.3 25.4 38.2

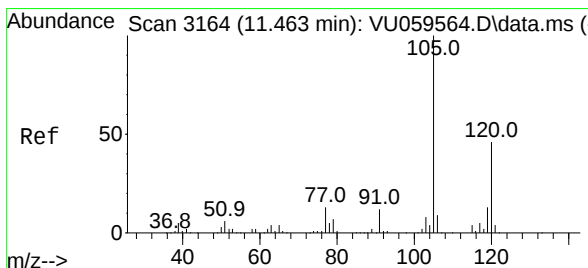
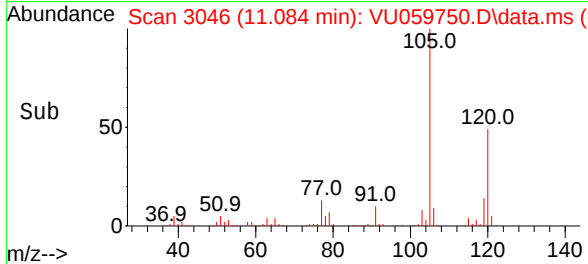
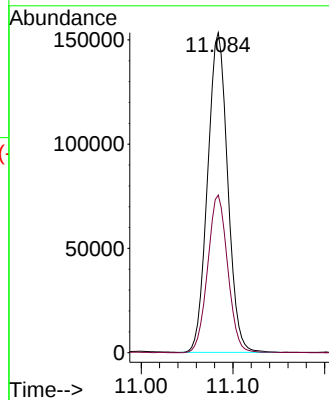
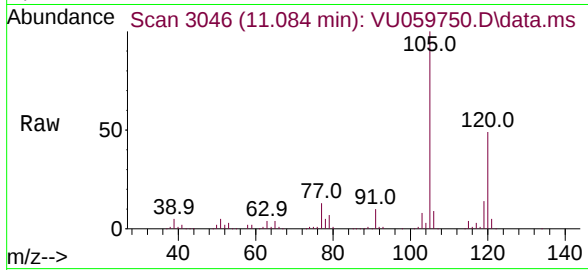




#62
1,3,5-Trimethylbenzene
Concen: 4.939 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

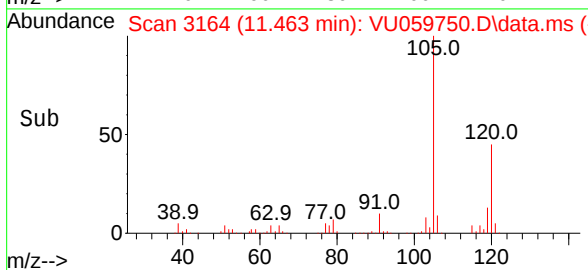
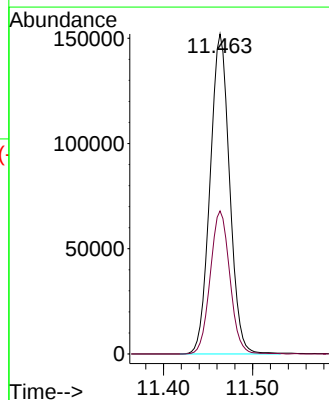
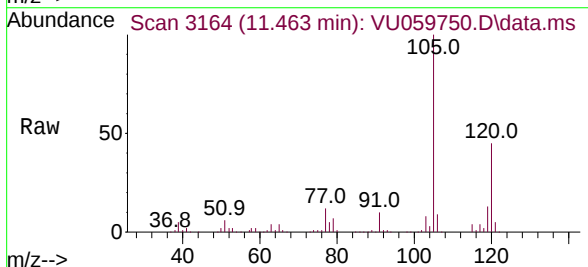
Instrument :
MSVOA_U
ClientSampleId :

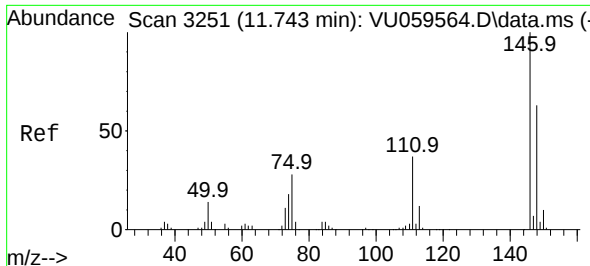
Tgt Ion:105 Resp: 233528
Ion Ratio Lower Upper
105 100
120 49.3 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.114 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

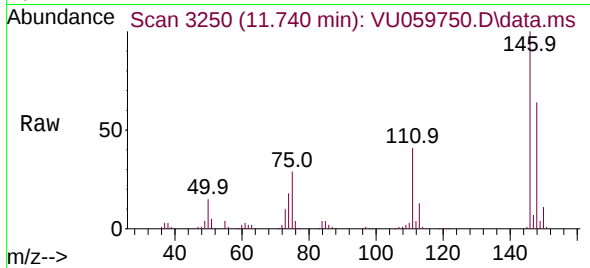
Tgt Ion:105 Resp: 231151
Ion Ratio Lower Upper
105 100
120 44.9 35.4 53.0



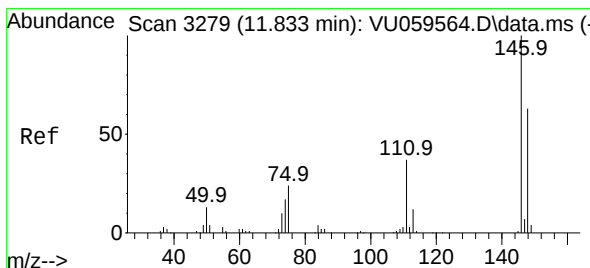
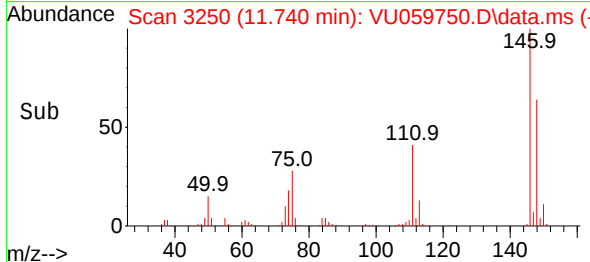
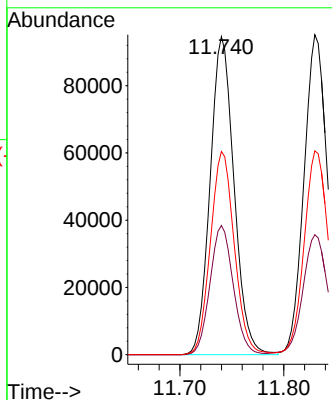


#64
1,3-Dichlorobenzene
Concen: 4.976 ug/L
RT: 11.740 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

Instrument :
MSVOA_U
ClientSampleId :

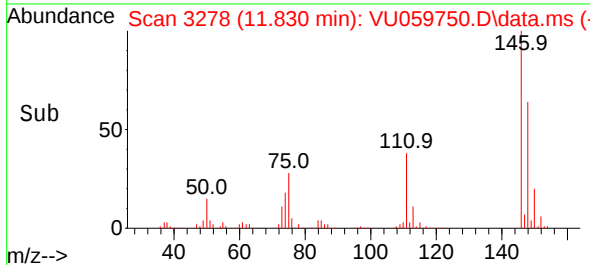
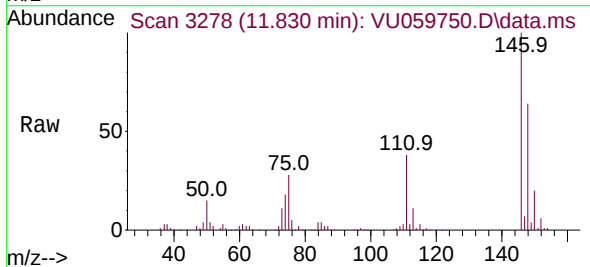
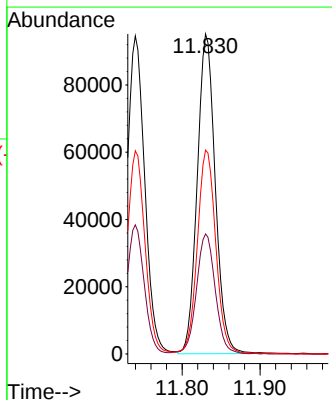


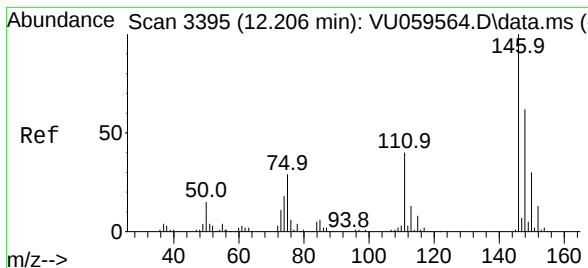
Tgt Ion:146 Resp: 151045
Ion Ratio Lower Upper
146 100
111 40.6 27.4 51.0
148 63.9 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 4.896 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

Tgt Ion:146 Resp: 152989
Ion Ratio Lower Upper
146 100
111 37.5 26.9 50.1
148 63.7 45.3 84.1

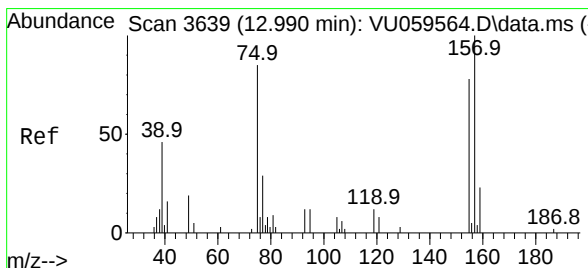
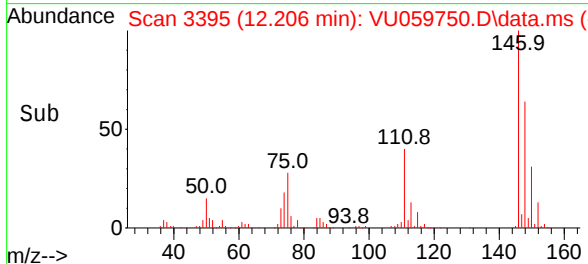
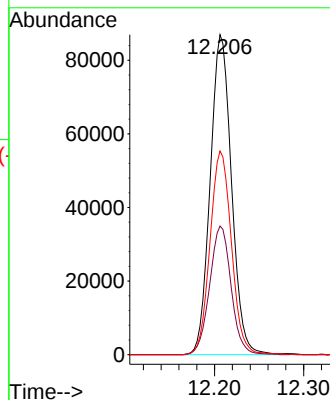
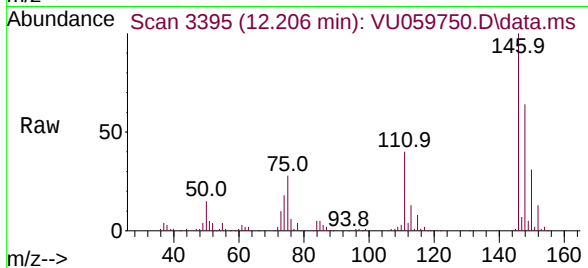




#67
1,2-Dichlorobenzene
Concen: 5.059 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

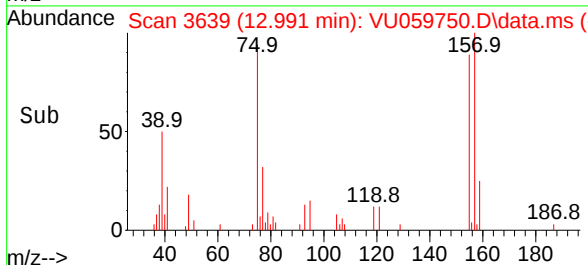
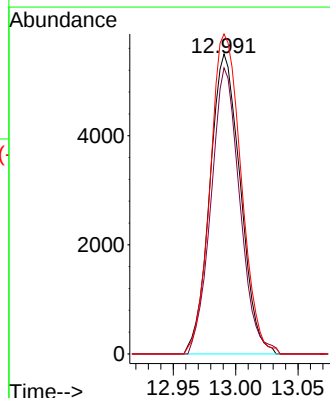
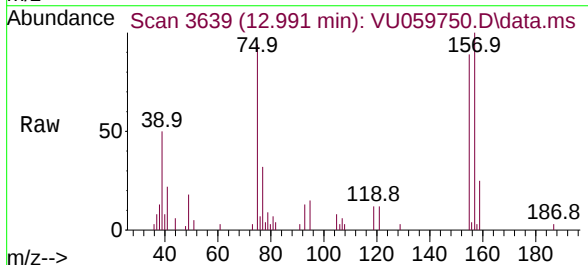
Instrument :
MSVOA_U
ClientSampleId :

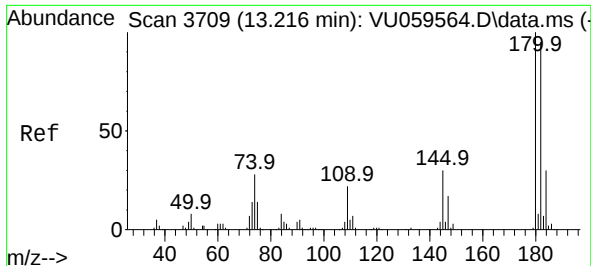
Tgt Ion:146 Resp: 144498
Ion Ratio Lower Upper
146 100
111 40.2 33.4 50.0
148 63.6 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.378 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VU059750.D
Acq: 02 Jul 2024 19:55

Tgt Ion: 75 Resp: 9365
Ion Ratio Lower Upper
75 100
155 95.4 58.2 87.2#
157 106.7 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 4.997 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.003 min

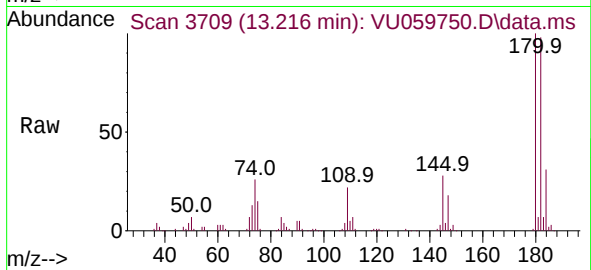
Lab File: VU059750.D

Acq: 02 Jul 2024 19:55

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 112283

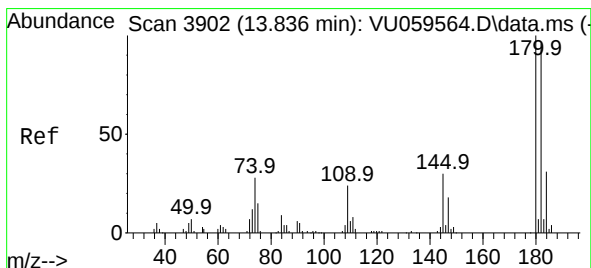
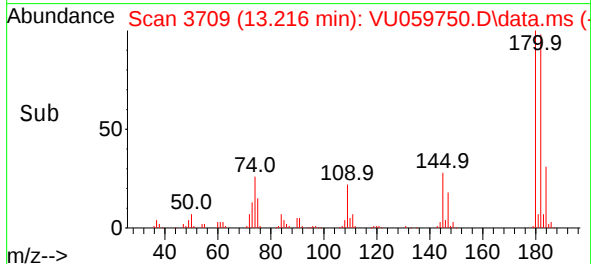
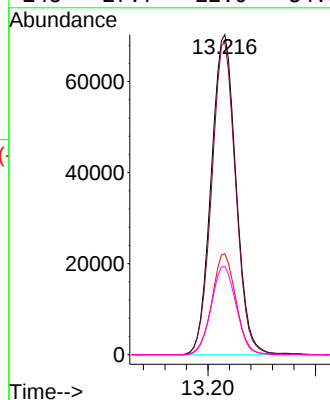
Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.0

184 30.6 23.0 34.6

145 27.7 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.165 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU059750.D

Acq: 02 Jul 2024 19:55

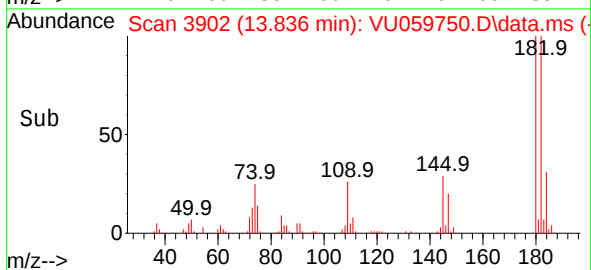
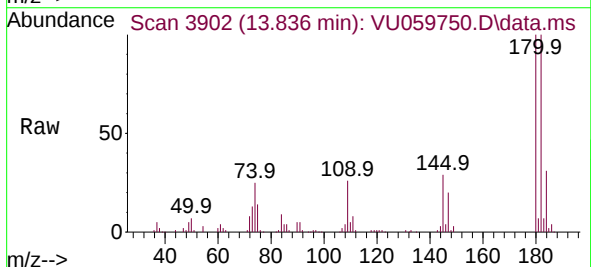
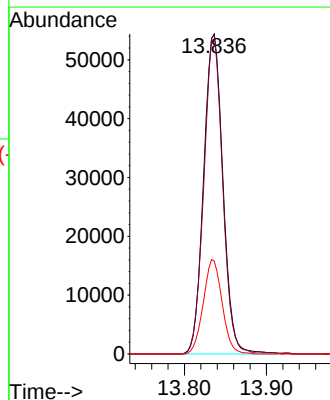
Tgt Ion:180 Resp: 89021

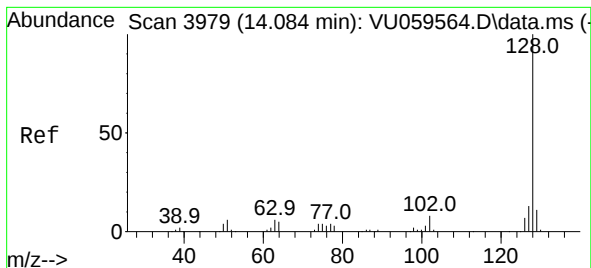
Ion Ratio Lower Upper

180 100

182 96.9 74.9 112.3

145 28.7 23.9 35.9





#71

Naphthalene

Concen: 5.387 ug/L

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU059750.D

Acq: 02 Jul 2024 19:55

Instrument :

MSVOA_U

ClientSampleId :

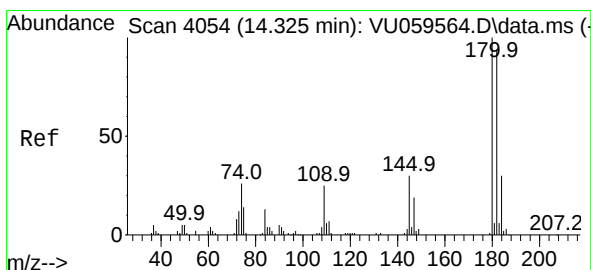
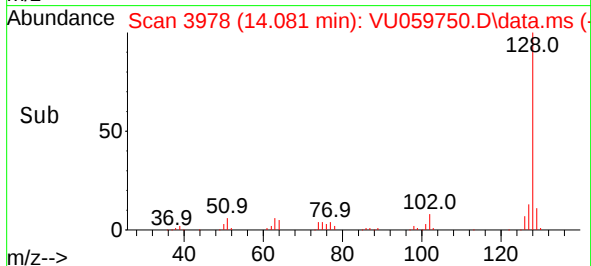
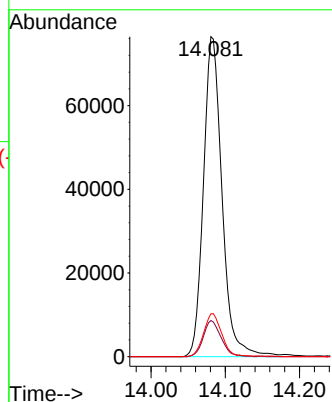
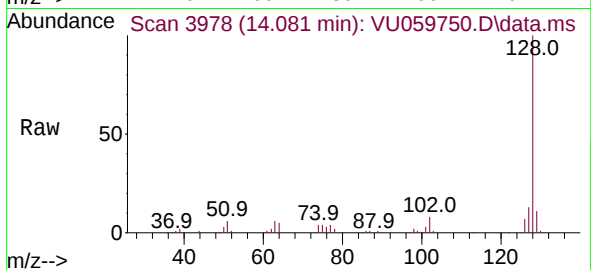
Tgt Ion:128 Resp: 132902

Ion Ratio Lower Upper

128 100

129 10.8 8.2 12.4

127 13.1 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.168 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU059750.D

Acq: 02 Jul 2024 19:55

Tgt Ion:180 Resp: 82708

Ion Ratio Lower Upper

180 100

182 97.9 77.0 115.6

145 30.1 26.2 39.4

