

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
 Data File : VU059641.D
 Acq On : 28 Jun 2024 23:26
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 29 00:02:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 28 23:55:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	158461	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	162636	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86859	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40166	3.645	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.907	69	43912	4.142	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.560	65	17860	3.907	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	4.621	46	123296	54.323	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.640%
24) Chloroform-d	5.055	84	102938	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.695	65	50976	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.717	84	202020	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.682	67	60939	4.443	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.891	98	188843	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.174	79	20690	4.817	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.627	63	107129	60.033	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.060%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	57301	5.056	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	72267	4.675	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	60076	4.474	ug/L	99
3) Chloromethane	1.515	50	65734	4.549	ug/L	98
5) Vinyl chloride	1.599	62	75104	4.705	ug/L	100
6) Bromomethane	1.853	94	44940	4.049	ug/L	98
8) Chloroethane	1.930	64	47887	4.978	ug/L	99
9) Trichlorofluoromethane	2.132	101	92901	4.834	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	58557	4.814	ug/L	94
12) 1,1-Dichloroethene	2.573	96	54112	4.815	ug/L	87
13) Acetone	2.634	43	77274	52.485	ug/L	92
14) Carbon disulfide	2.785	76	172161	4.591	ug/L	98
15) Methyl Acetate	2.949	43	19730	5.078	ug/L #	86
16) Methylene chloride	3.039	84	69241	5.199	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	125238	5.171	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	57018	4.878	ug/L	90
19) 1,1-Dichloroethane	3.859	63	104092	4.830	ug/L	97
21) 2-Butanone	4.698	43	131121	55.524	ug/L	89
22) cis-1,2-Dichloroethene	4.660	96	62873	4.880	ug/L	94
23) Bromochloromethane	4.968	128	30773	5.240	ug/L	89
25) Chloroform	5.078	83	111903	4.929	ug/L	99

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 ALS Vial : 29 Sample Multiplier: 1

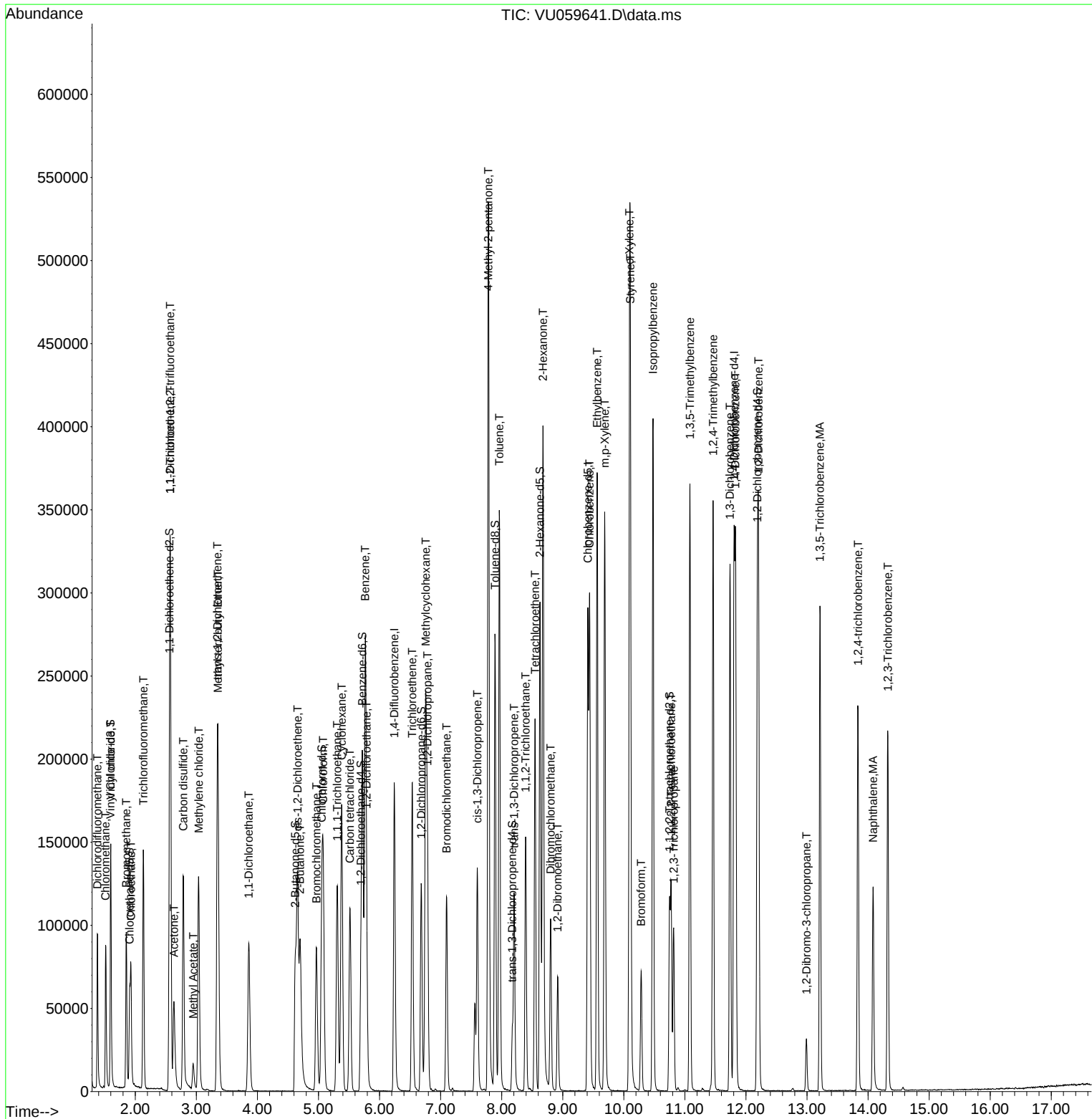
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 MSVOA_U
 ClientSampleId :

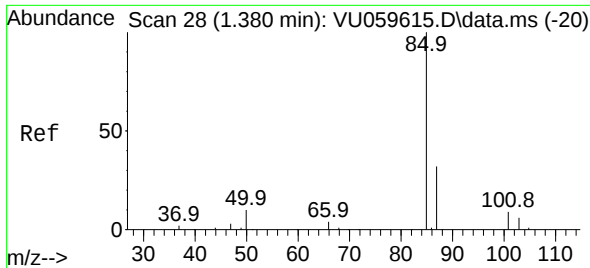
Quant Time: Jun 29 00:02:56 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 28 23:55:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	68066	4.948	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	90982	4.844	ug/L	98
30) Cyclohexane	5.380	56	80019	4.826	ug/L	96
31) Carbon tetrachloride	5.515	117	77845	4.950	ug/L	97
33) Benzene	5.766	78	246154	4.984	ug/L	100
34) Trichloroethene	6.537	95	65262	4.879	ug/L	96
35) Methylcyclohexane	6.756	83	89941	4.726	ug/L	94
37) 1,2-Dichloropropane	6.785	63	63942	5.003	ug/L #	97
38) Bromodichloromethane	7.100	83	79770	5.000	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	85543	4.894	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	327933	55.372	ug/L #	95
42) Toluene	7.962	91	266756	5.102	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	71376	5.088	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	49749	5.282	ug/L	99
47) Tetrachloroethene	8.547	164	52778	5.085	ug/L	91
48) 2-Hexanone	8.675	43	241005	57.020	ug/L #	94
49) Dibromochloromethane	8.801	129	54084	5.184	ug/L	100
50) 1,2-Dibromoethane	8.917	107	46553	5.352	ug/L #	98
51) Chlorobenzene	9.441	112	165510	4.991	ug/L	95
52) Ethylbenzene	9.563	91	265845	4.956	ug/L	97
53) m,p-Xylene	9.688	106	103121	5.006	ug/L	97
54) o-Xylene	10.093	106	99113	5.070	ug/L	99
55) Styrene	10.110	104	175909	5.285	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	63105	5.523	ug/L	99
59) Bromoform	10.283	173	34323	5.163	ug/L #	97
60) Isopropylbenzene	10.479	105	263166	4.905	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	42046	5.238	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	197448	4.645	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	196680	4.840	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	134866	4.942	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	136219	4.849	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	128036	4.986	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.990	75	8598	5.492	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.212	180	94951	4.700	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	77345	4.991	ug/L	99
71) Naphthalene	14.084	128	107163	4.832	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	71675	4.981	ug/L	99

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

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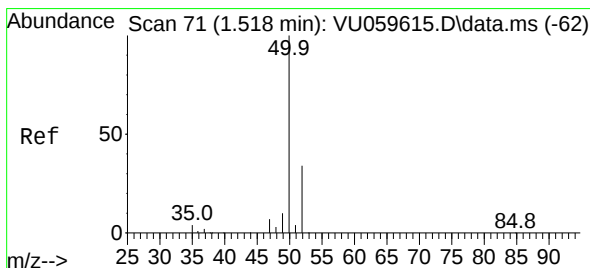
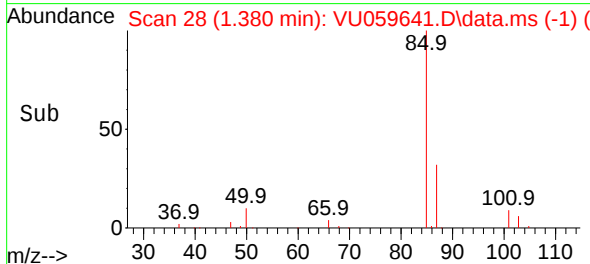
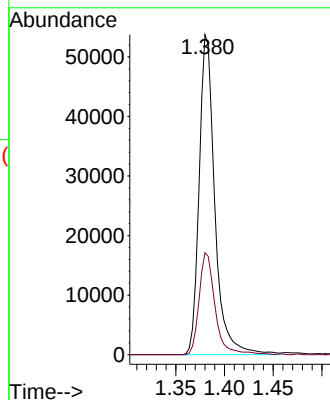
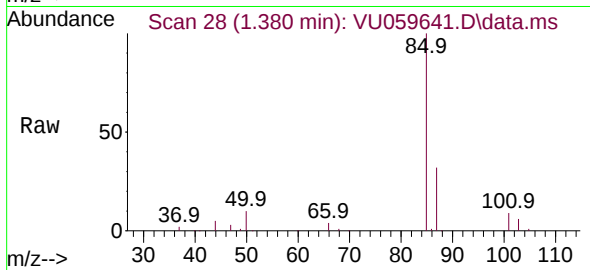




#2
 Dichlorodifluoromethane
 Concen: 4.474 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU059641.D
 Acq: 28 Jun 2024 23:26

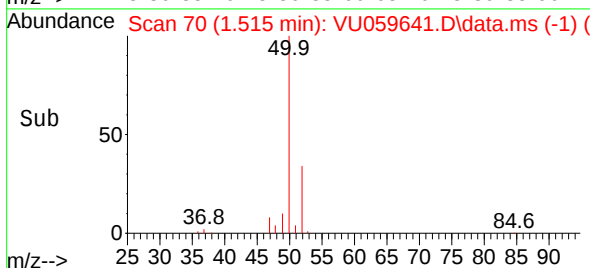
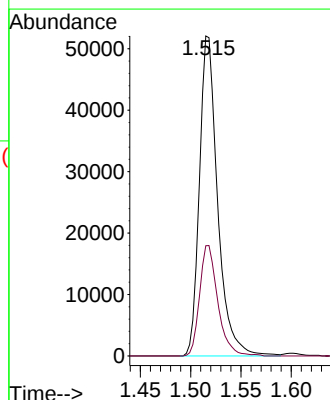
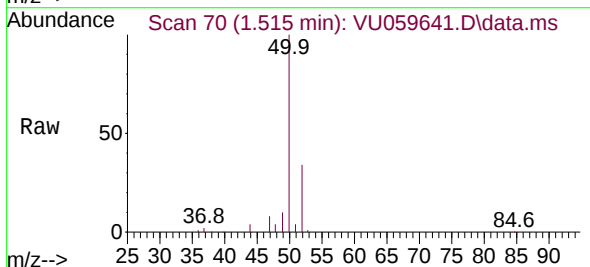
Instrument :
 MSVOA_U
 ClientSampleId :

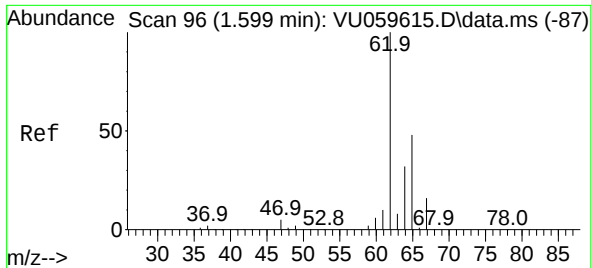
Tgt Ion: 85 Resp: 60076
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.6 40.0



#3
 Chloromethane
 Concen: 4.549 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU059641.D
 Acq: 28 Jun 2024 23:26

Tgt Ion: 50 Resp: 65734
 Ion Ratio Lower Upper
 50 100
 52 34.5 23.2 43.0

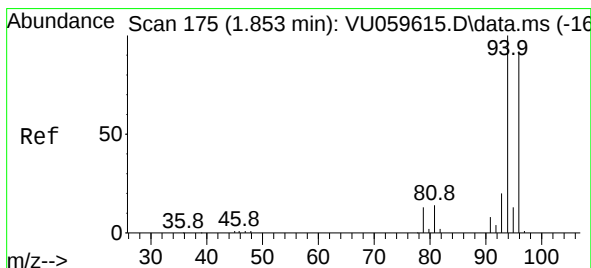
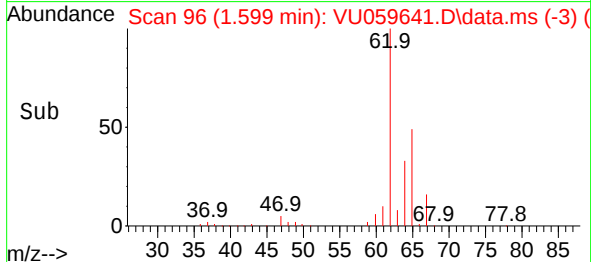
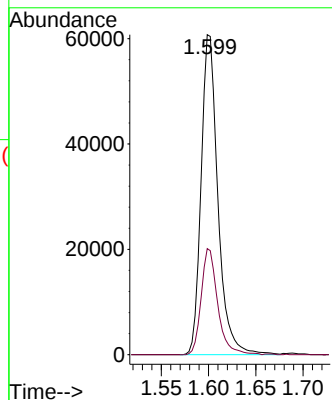
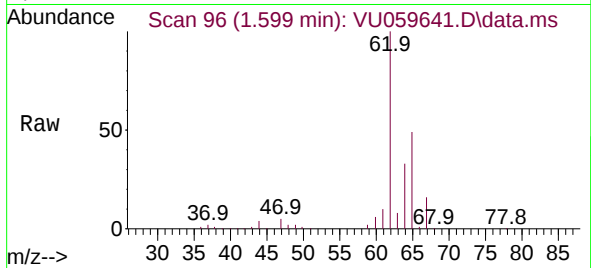




#5
Vinyl chloride
Concen: 4.705 ug/L
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

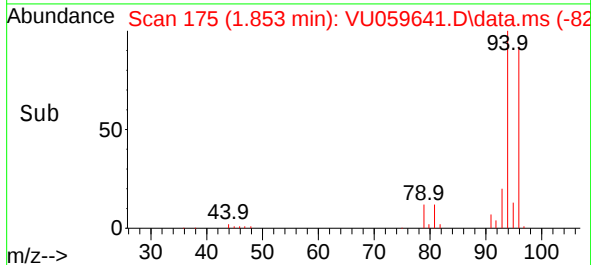
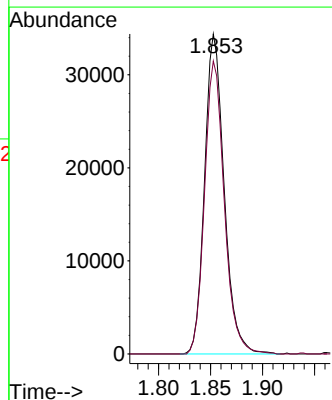
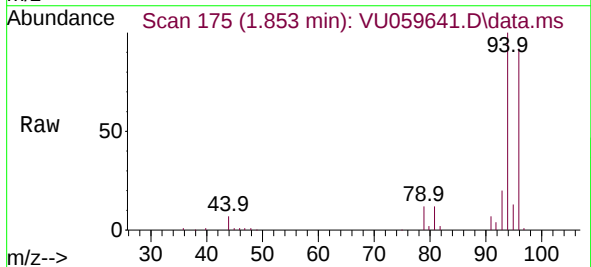
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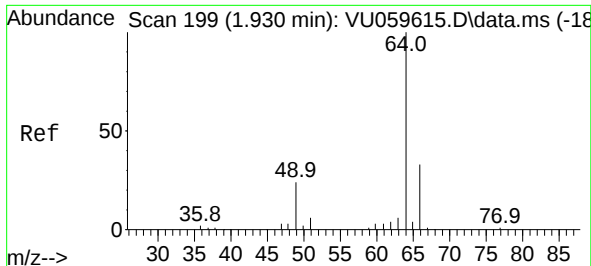
Tgt Ion: 62 Resp: 75104
Ion Ratio Lower Upper
62 100
64 33.2 23.1 42.9



#6
Bromomethane
Concen: 4.049 ug/L
RT: 1.853 min Scan# 175
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

Tgt Ion: 94 Resp: 44940
Ion Ratio Lower Upper
94 100
96 91.6 62.9 116.9

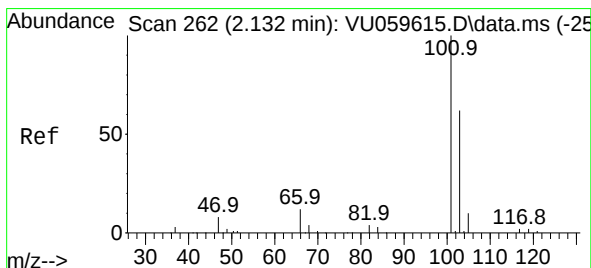
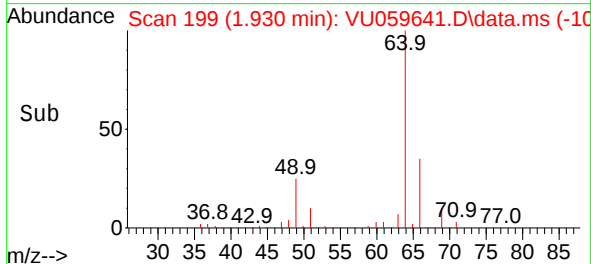
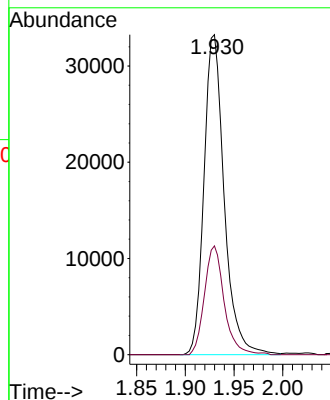
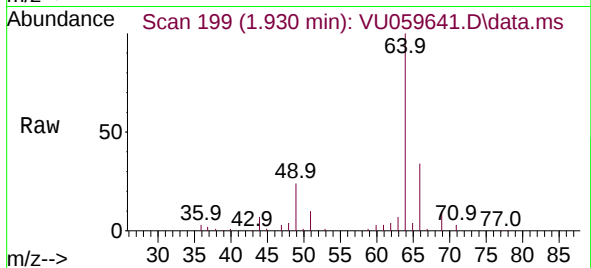




#8
Chloroethane
Concen: 4.978 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

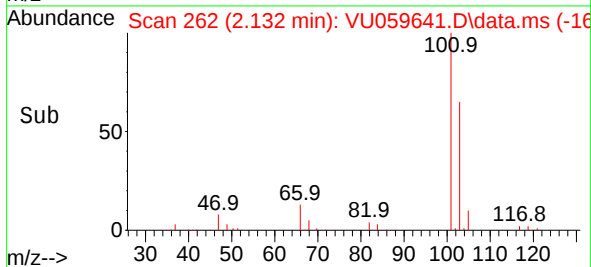
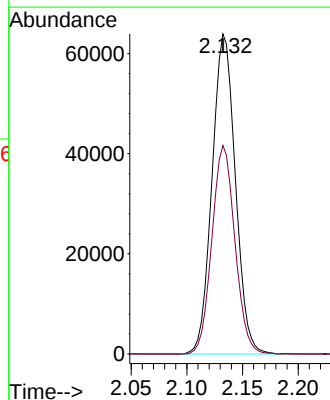
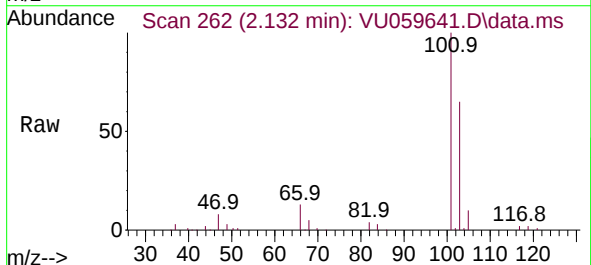
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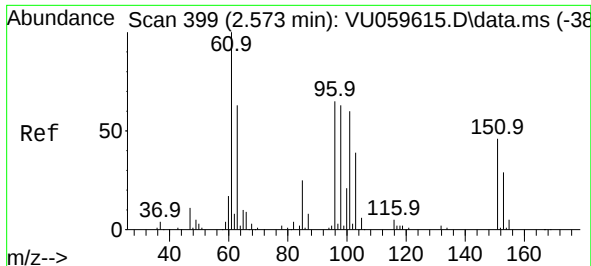
Tgt Ion: 64 Resp: 47887
Ion Ratio Lower Upper
64 100
66 34.0 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.834 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

Tgt Ion:101 Resp: 92901
Ion Ratio Lower Upper
101 100
103 64.3 52.6 79.0

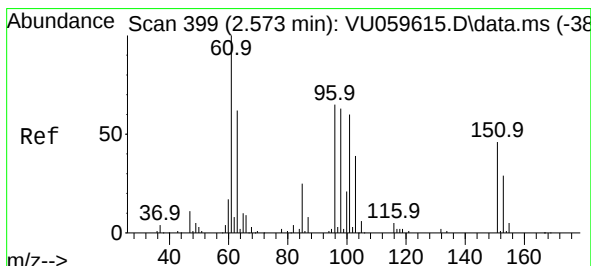
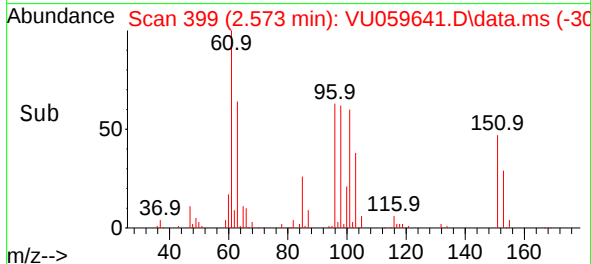
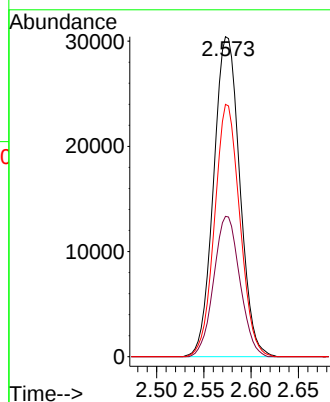
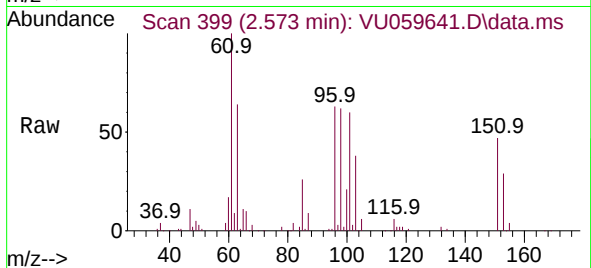




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.814 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

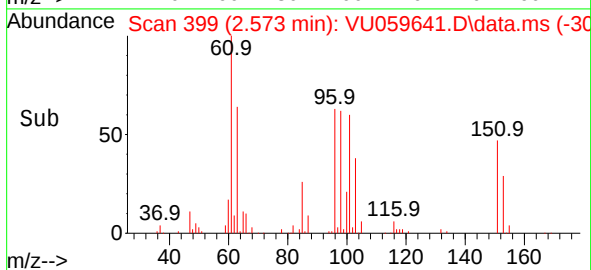
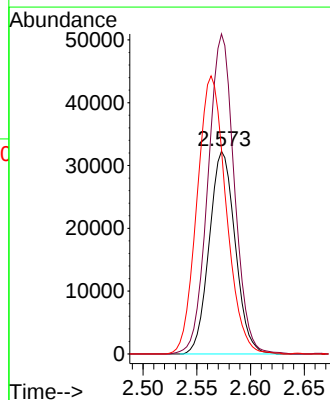
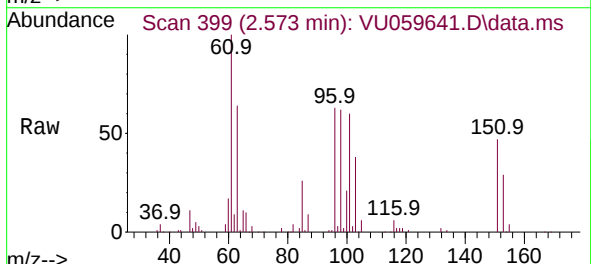
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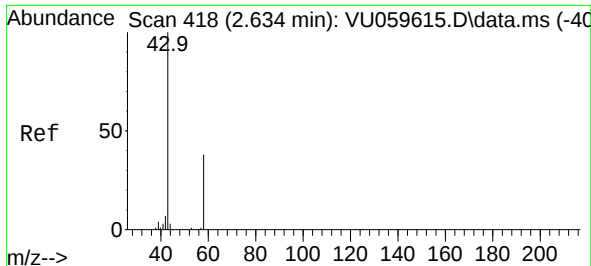
Tgt Ion:101 Resp: 58557
Ion Ratio Lower Upper
101 100
85 43.8 36.2 54.4
151 76.3 55.5 83.3



#12
1,1-Dichloroethene
Concen: 4.815 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

Tgt Ion: 96 Resp: 54112
Ion Ratio Lower Upper
96 100
61 157.9 122.9 228.3
63 100.9 80.4 149.4





#13

Acetone

Concen: 52.485 ug/L

RT: 2.634 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU059641.D

Acq: 28 Jun 2024 23:26

Instrument :

MSVOA_U

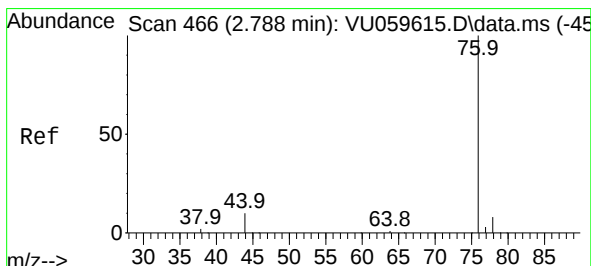
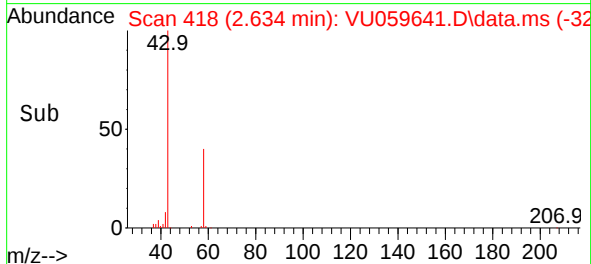
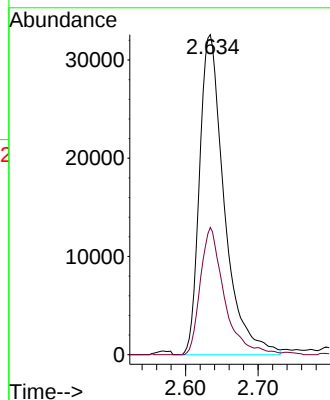
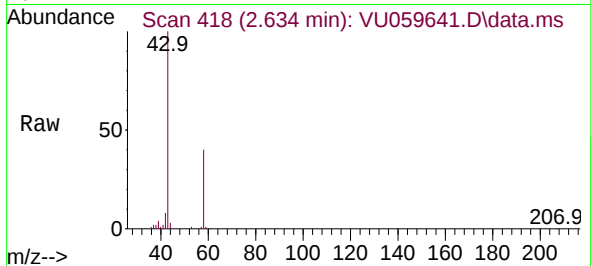
ClientSampleId :

Tgt Ion: 43 Resp: 77274

Ion Ratio Lower Upper

43 100

58 38.5 0.0 68.0



#14

Carbon disulfide

Concen: 4.591 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU059641.D

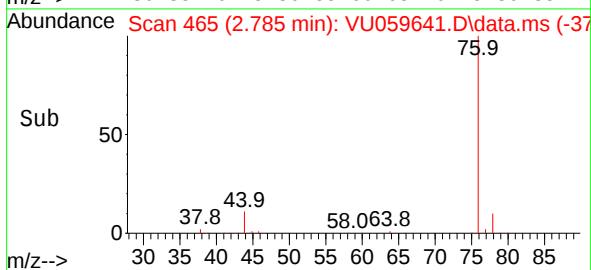
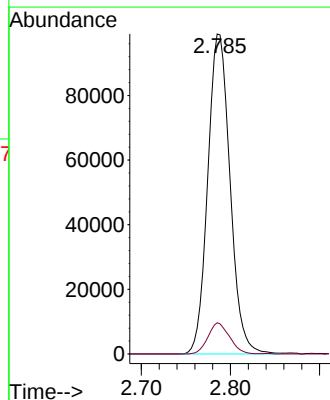
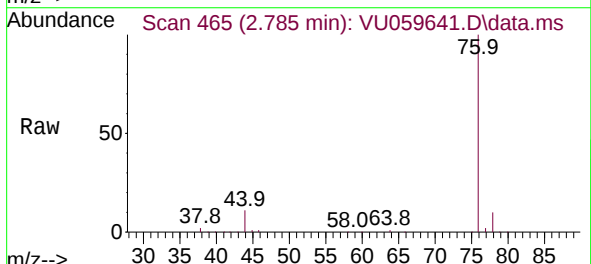
Acq: 28 Jun 2024 23:26

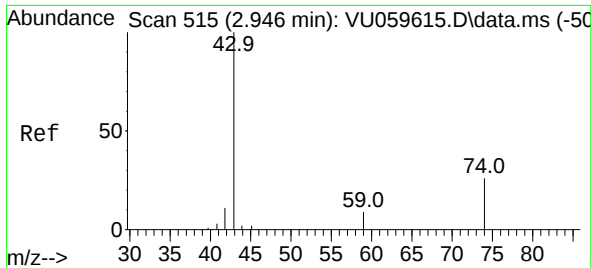
Tgt Ion: 76 Resp: 172161

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9





#15

Methyl Acetate

Concen: 5.078 ug/L

RT: 2.949 min Scan# 515

Delta R.T. 0.003 min

Lab File: VU059641.D

Acq: 28 Jun 2024 23:26

Instrument :

MSVOA_U

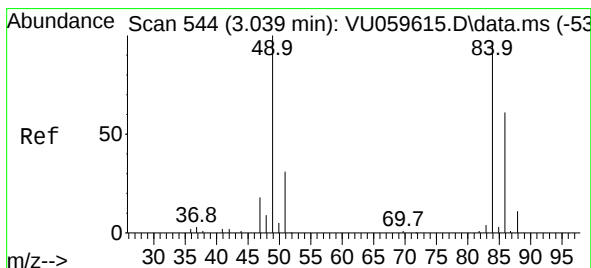
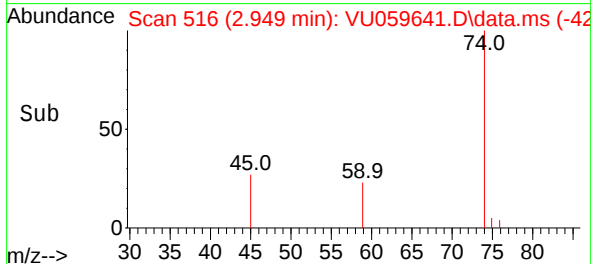
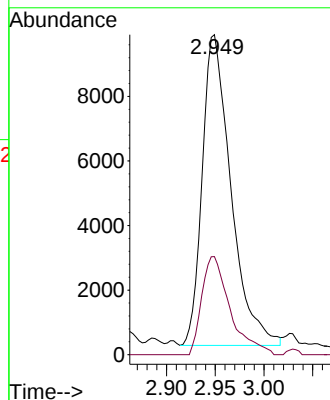
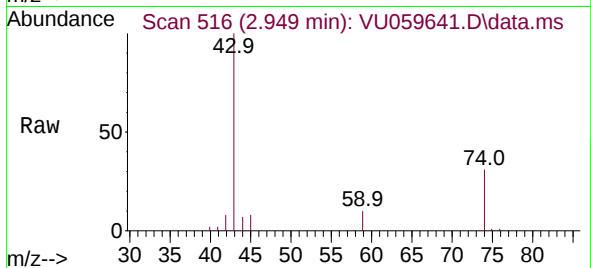
ClientSampleId :

Tgt Ion: 43 Resp: 19730

Ion Ratio Lower Upper

43 100

74 31.1 19.2 28.8#



#16

Methylene chloride

Concen: 5.199 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU059641.D

Acq: 28 Jun 2024 23:26

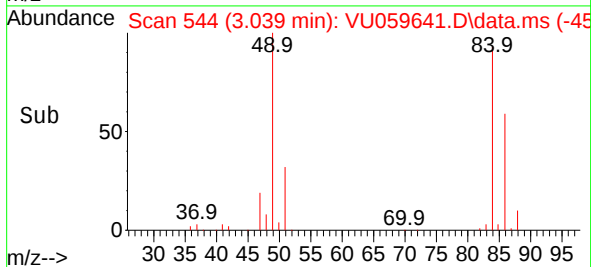
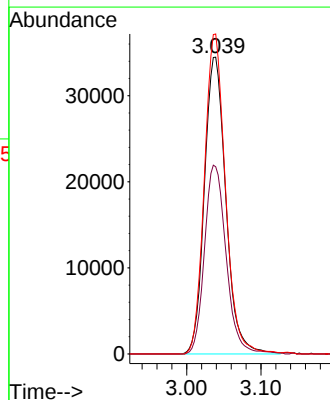
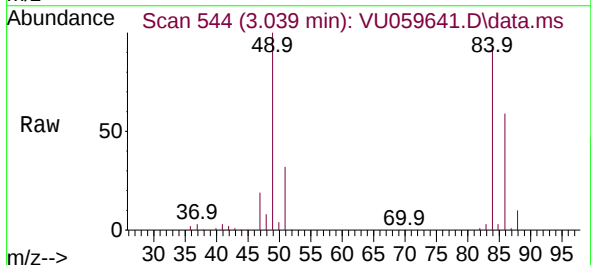
Tgt Ion: 84 Resp: 69241

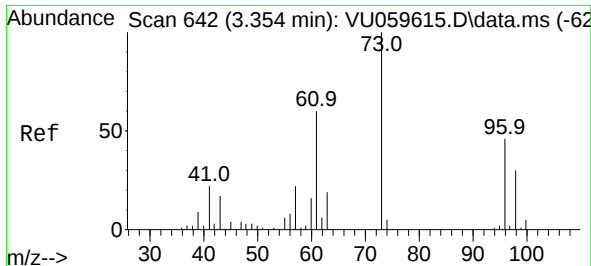
Ion Ratio Lower Upper

84 100

86 63.1 42.1 78.1

49 107.8 80.6 149.8

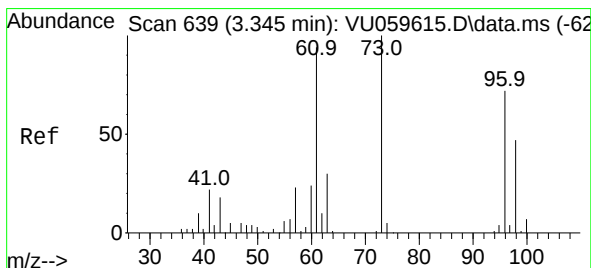
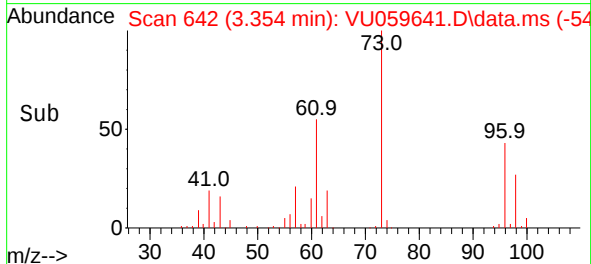
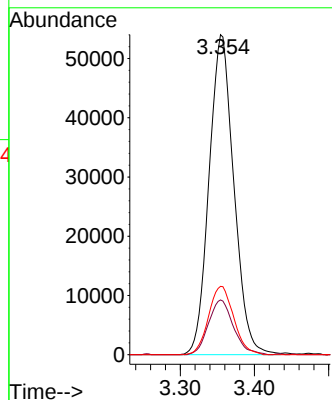
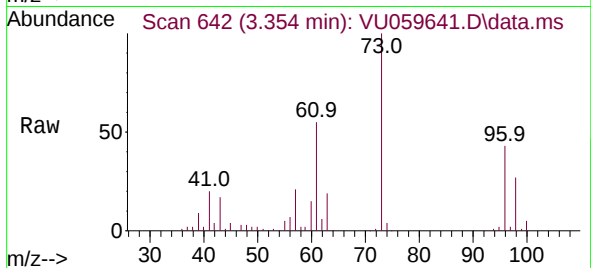




#17
Methyl tert-butyl Ether
Concen: 5.171 ug/L
RT: 3.354 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

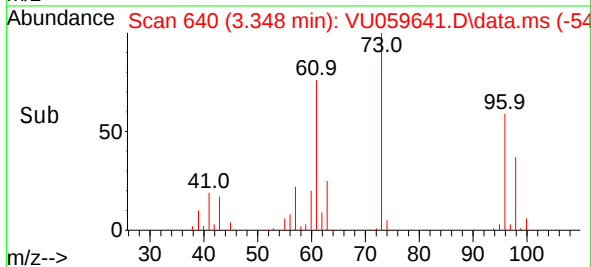
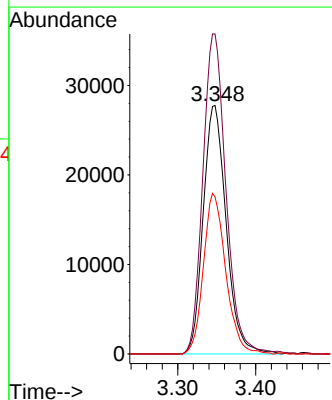
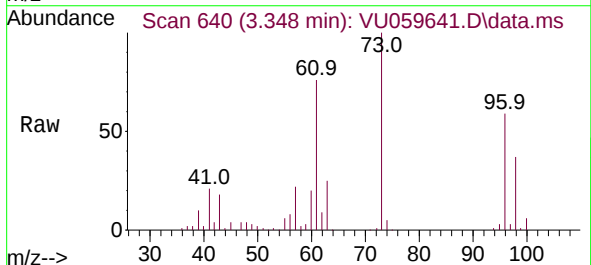
Instrument :
MSVOA_U
ClientSampleId :

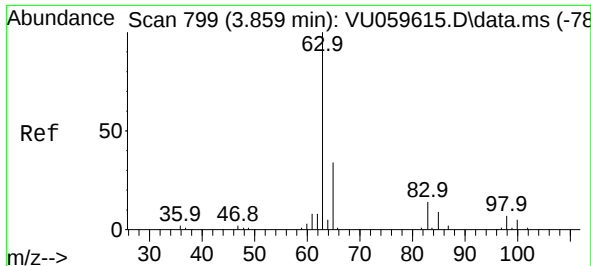
Tgt Ion: 73 Resp: 125238
Ion Ratio Lower Upper
73 100
43 17.2 14.9 22.3
57 21.7 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.878 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

Tgt Ion: 96 Resp: 57018
Ion Ratio Lower Upper
96 100
61 128.8 101.8 189.0
98 63.2 43.3 80.5

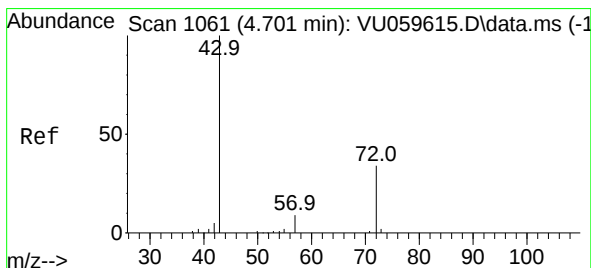
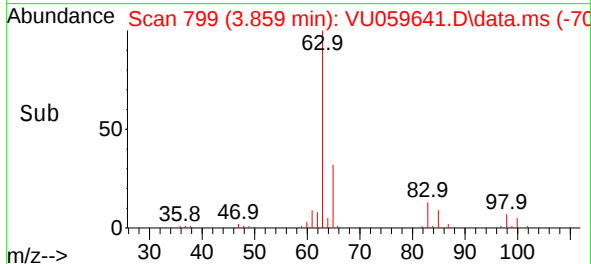
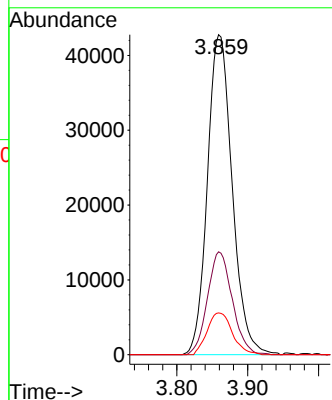
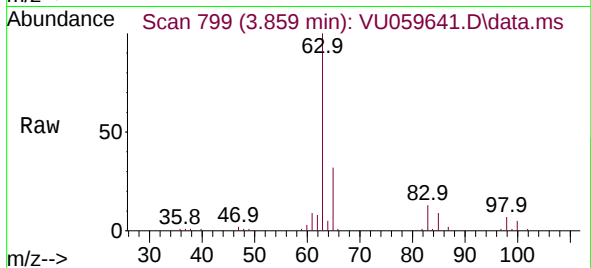




#19
1,1-Dichloroethane
Concen: 4.830 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

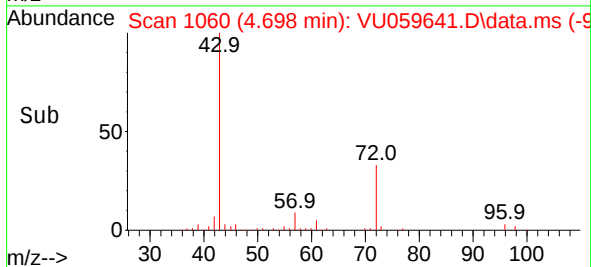
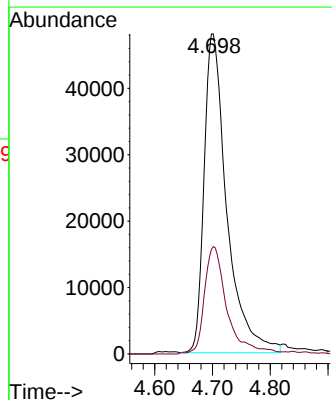
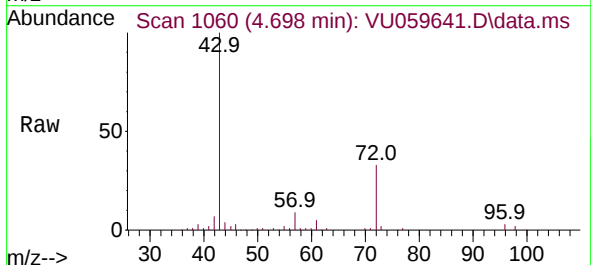
Instrument :
MSVOA_U
ClientSampleId :

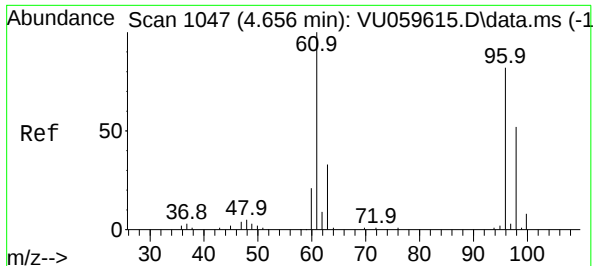
Tgt Ion: 63 Resp: 104092
Ion Ratio Lower Upper
63 100
65 33.0 21.8 40.6
83 13.0 9.9 18.5



#21
2-Butanone
Concen: 55.524 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.003 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

Tgt Ion: 43 Resp: 131121
Ion Ratio Lower Upper
43 100
72 33.3 13.8 41.4

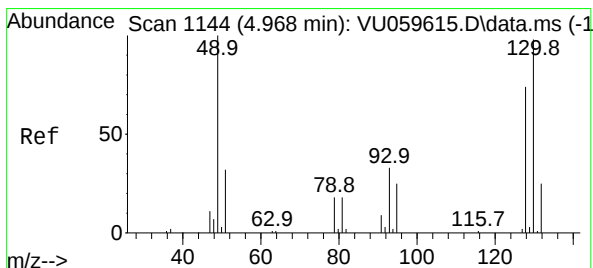
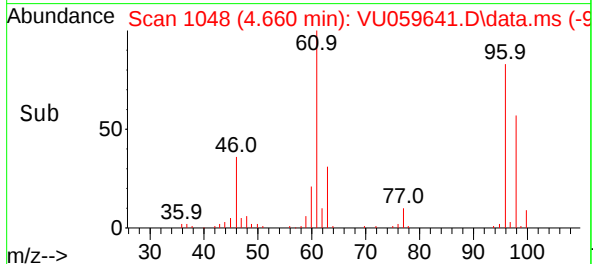
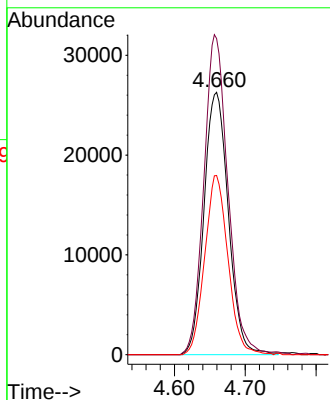
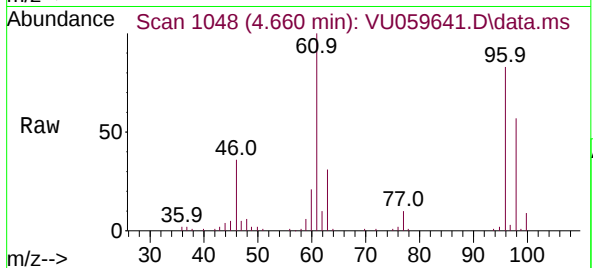




#22
cis-1,2-Dichloroethene
Concen: 4.880 ug/L
RT: 4.660 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

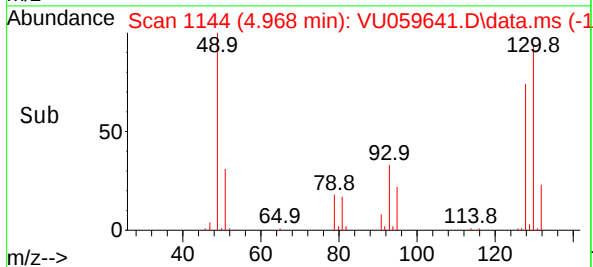
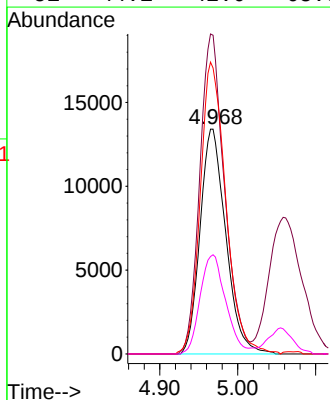
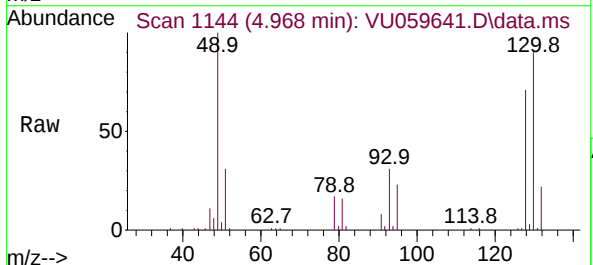
Instrument :
MSVOA_U
ClientSampleId :

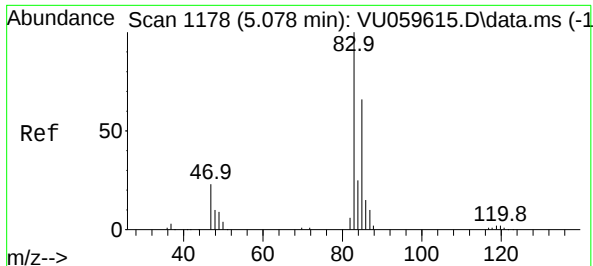
Tgt Ion: 96 Resp: 62873
Ion Ratio Lower Upper
96 100
61 120.4 87.4 162.2
98 68.3 42.3 78.5



#23
Bromochloromethane
Concen: 5.240 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

Tgt Ion:128 Resp: 30773
Ion Ratio Lower Upper
128 100
49 141.7 117.0 217.4
130 127.2 89.6 166.4
51 44.1 42.0 63.0

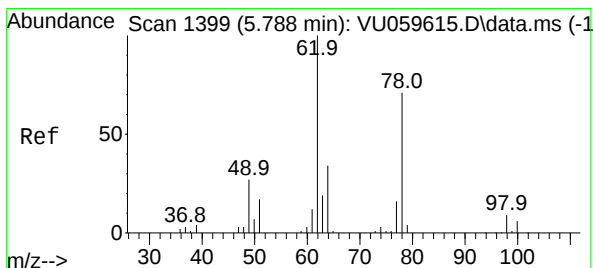
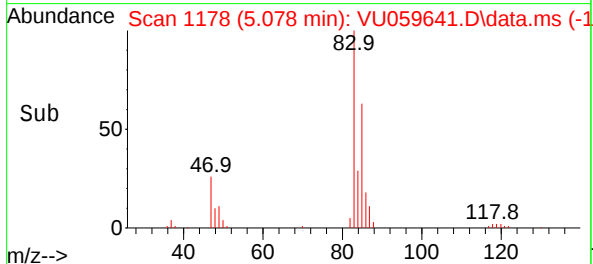
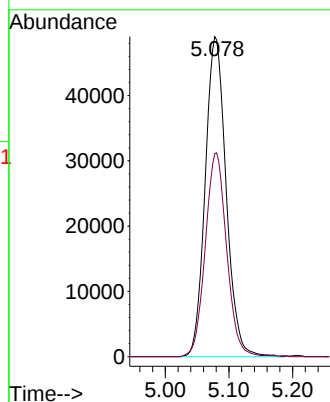
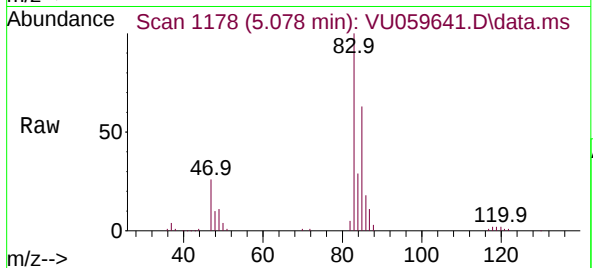




#25
Chloroform
Concen: 4.929 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

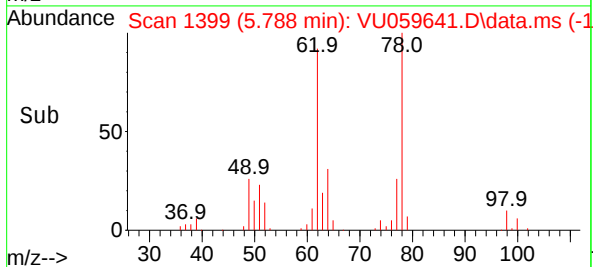
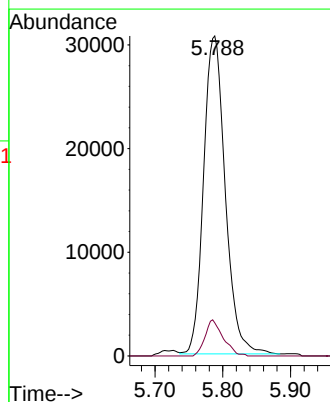
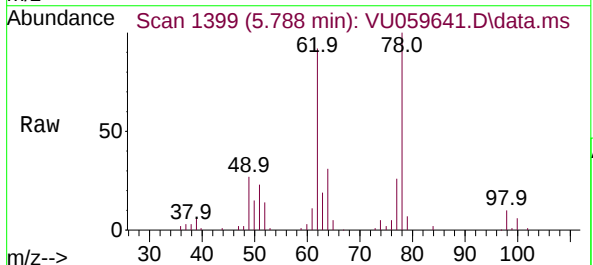
Instrument :
MSVOA_U
ClientSampleId :

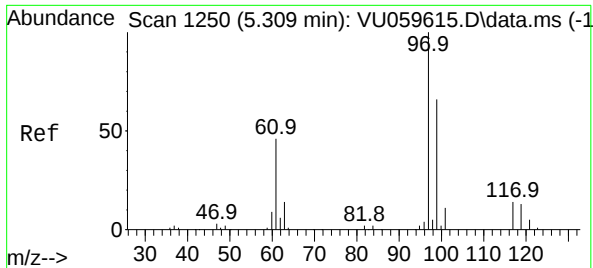
Tgt Ion: 83 Resp: 111903
Ion Ratio Lower Upper
83 100
85 63.5 44.7 83.1



#27
1,2-Dichloroethane
Concen: 4.948 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

Tgt Ion: 62 Resp: 68066
Ion Ratio Lower Upper
62 100
98 10.3 7.5 11.3

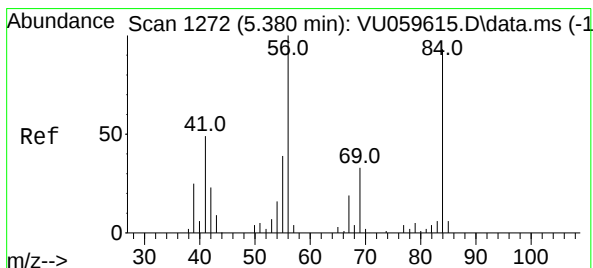
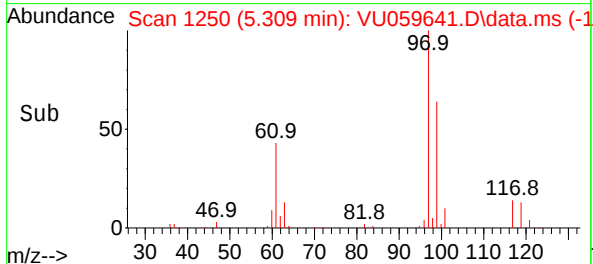
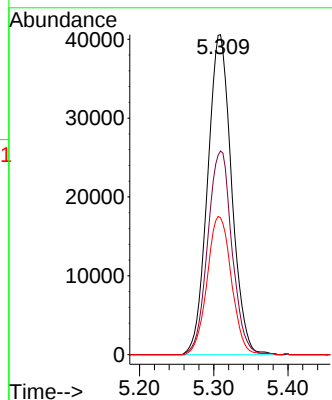
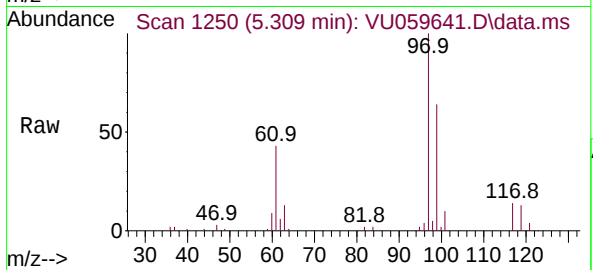




#29
1,1,1-Trichloroethane
Concen: 4.844 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

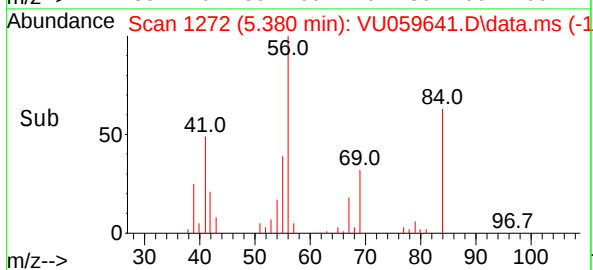
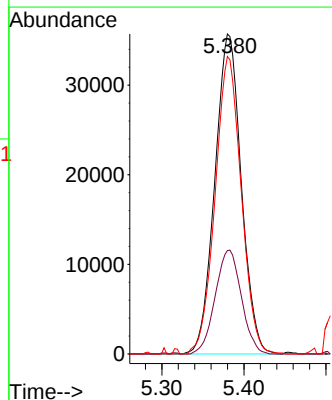
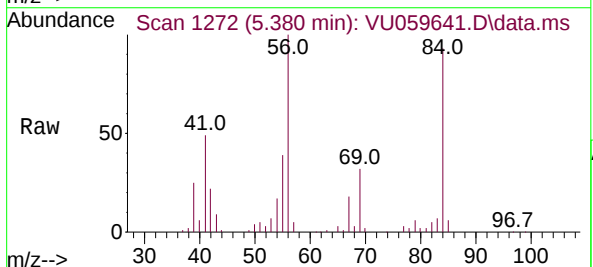
Instrument :
MSVOA_U
ClientSampleId :

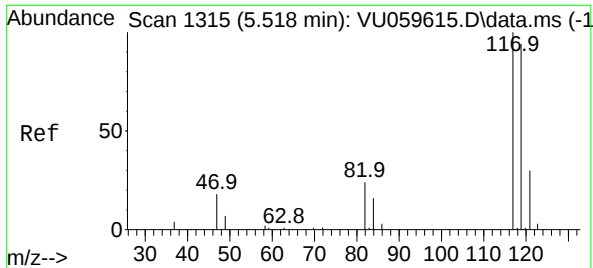
Tgt Ion:	97	Resp:	90982
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.8	77.6
61	43.8	37.4	56.2



#30
Cyclohexane
Concen: 4.826 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

Tgt Ion:	56	Resp:	80019
Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.8	37.2
84	91.8	69.8	104.8

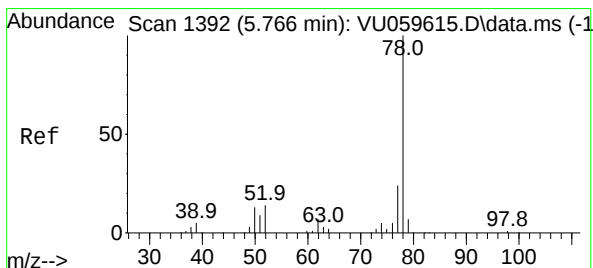
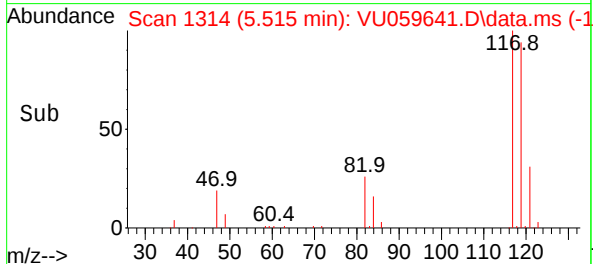
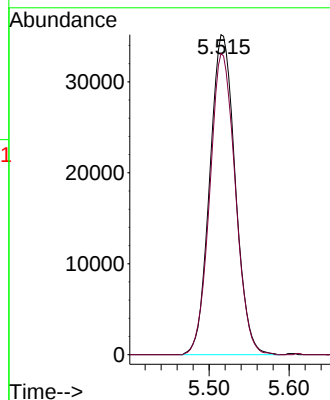
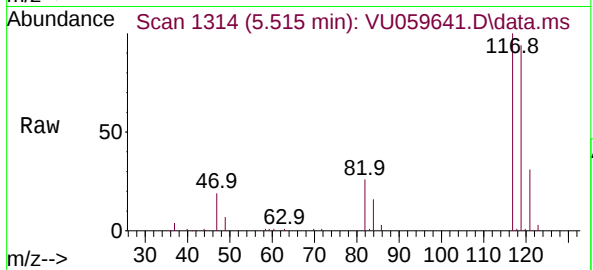




#31
Carbon tetrachloride
Concen: 4.950 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

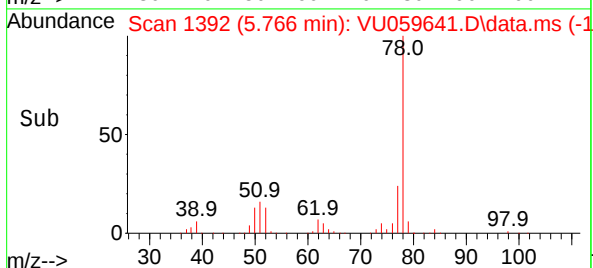
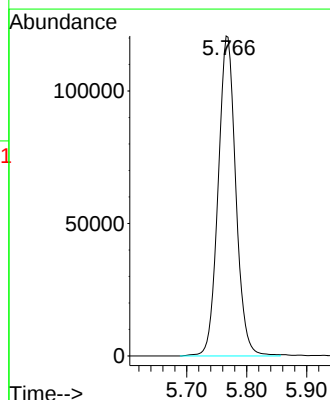
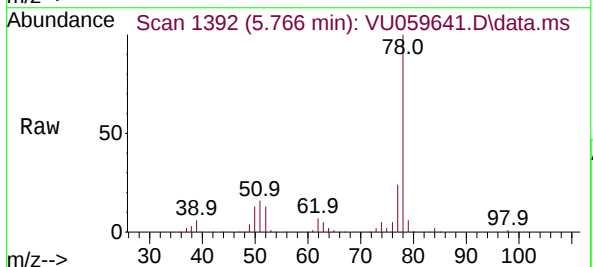
Instrument :
MSVOA_U
ClientSampleId :

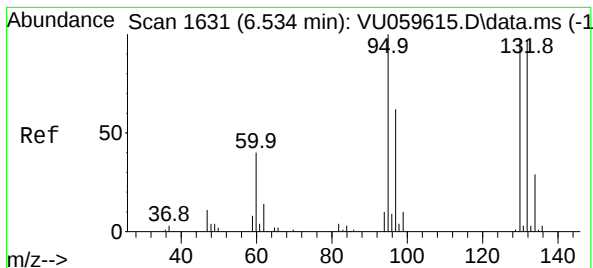
Tgt Ion:117 Resp: 77845
Ion Ratio Lower Upper
117 100
119 94.2 77.5 116.3



#33
Benzene
Concen: 4.984 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

Tgt Ion: 78 Resp: 246154





#34

Trichloroethene

Concen: 4.879 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU059641.D

Acq: 28 Jun 2024 23:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 65262

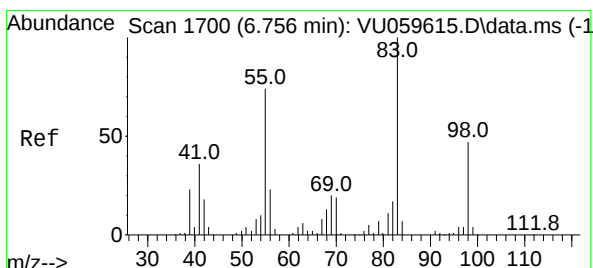
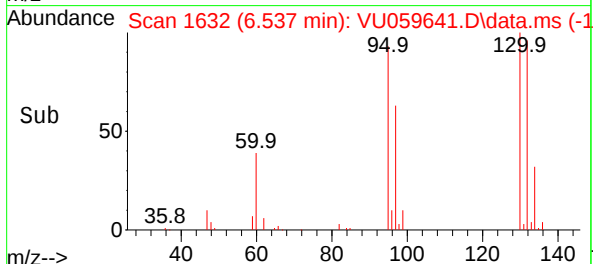
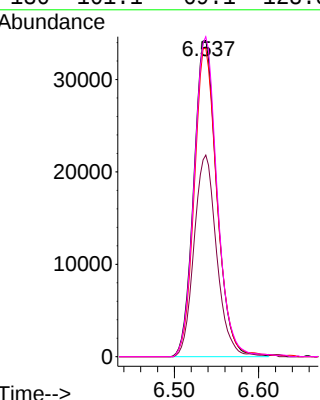
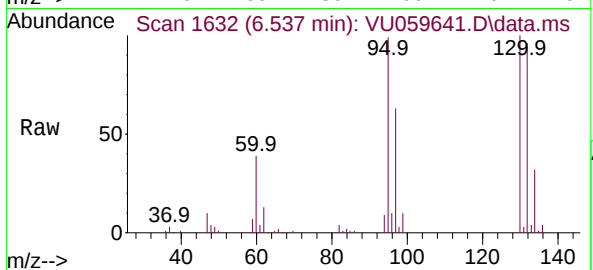
Ion Ratio Lower Upper

95 100

97 63.7 45.3 84.1

132 97.5 64.0 119.0

130 101.1 69.1 128.3



#35

Methylcyclohexane

Concen: 4.726 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU059641.D

Acq: 28 Jun 2024 23:26

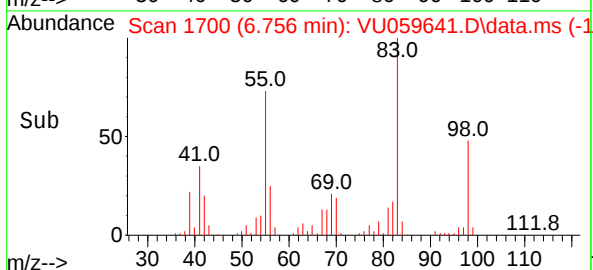
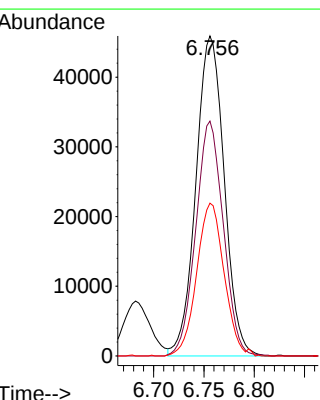
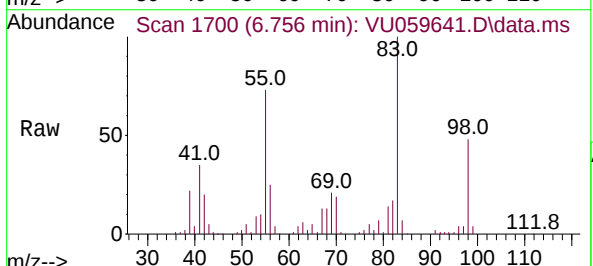
Tgt Ion: 83 Resp: 89941

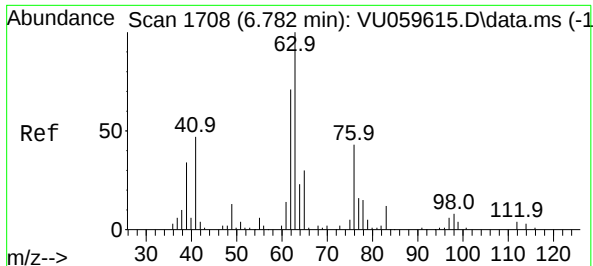
Ion Ratio Lower Upper

83 100

55 71.4 62.7 94.1

98 46.3 35.4 53.0

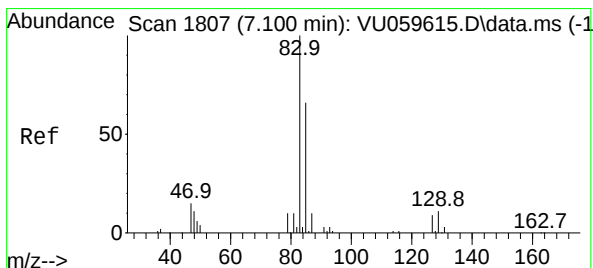
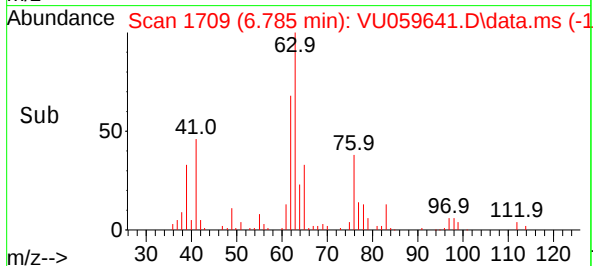
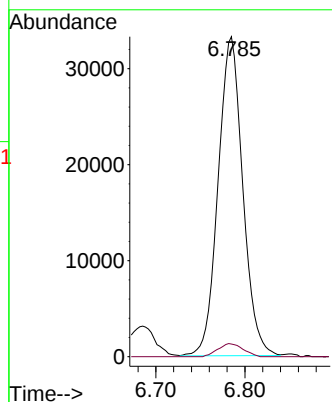
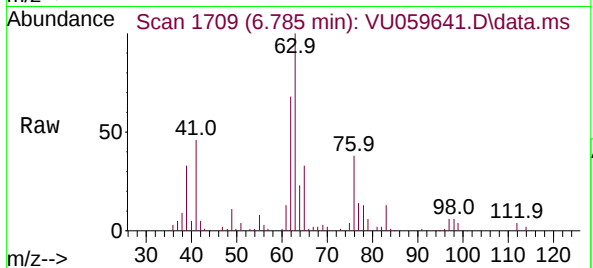




#37
1,2-Dichloropropane
Concen: 5.003 ug/L
RT: 6.785 min Scan# 1708
Delta R.T. 0.003 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

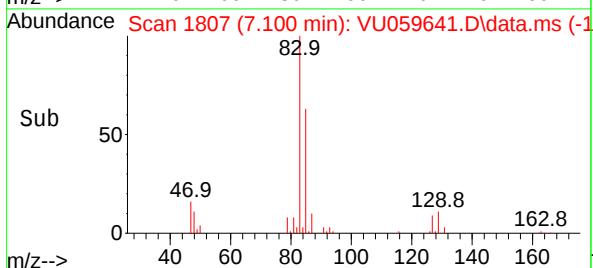
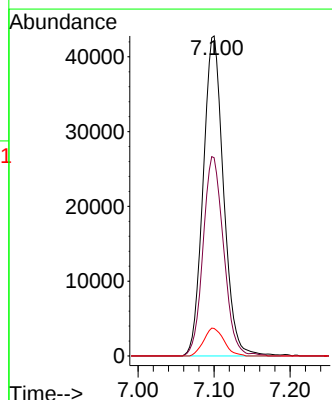
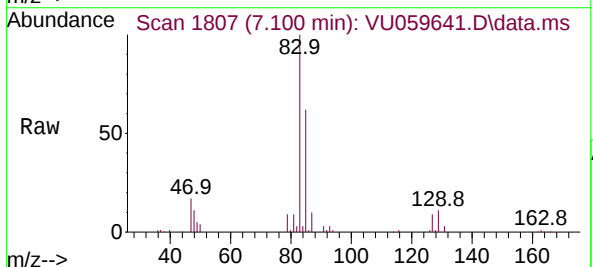
Instrument :
MSVOA_U
ClientSampleId :

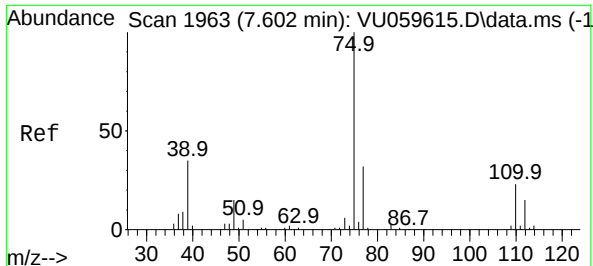
Tgt Ion: 63 Resp: 63942
Ion Ratio Lower Upper
63 100
112 4.2 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.000 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

Tgt Ion: 83 Resp: 79770
Ion Ratio Lower Upper
83 100
85 61.9 42.7 79.3
127 8.6 6.1 9.1

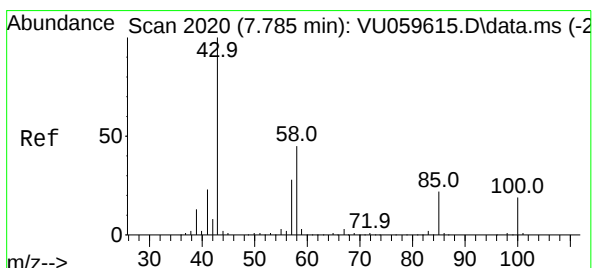
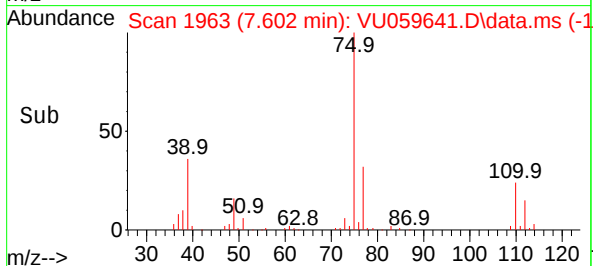
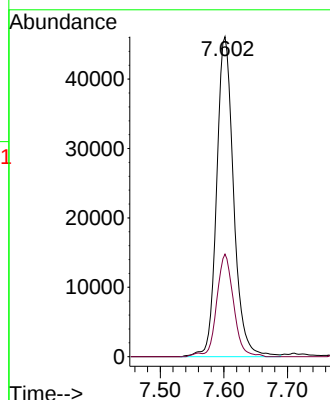
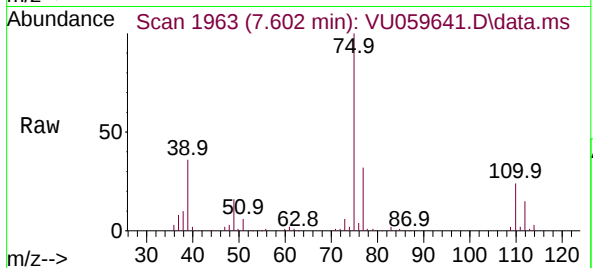




#39
 cis-1,3-Dichloropropene
 Concen: 4.894 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU059641.D
 Acq: 28 Jun 2024 23:26

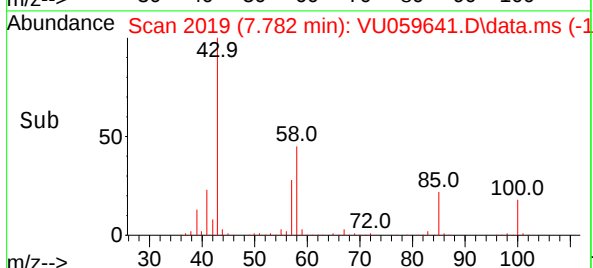
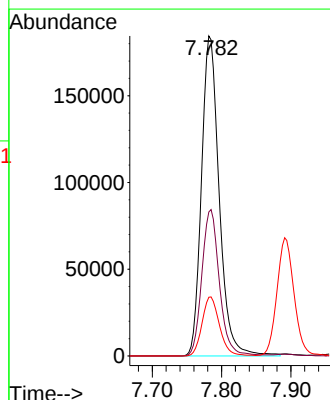
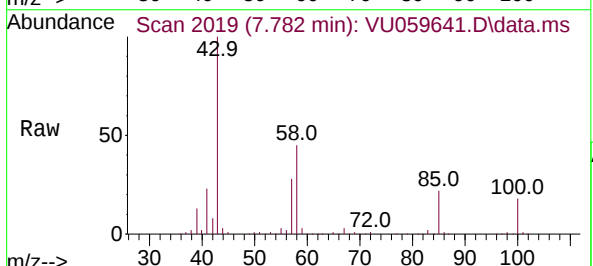
Instrument :
 MSVOA_U
 ClientSampleId :

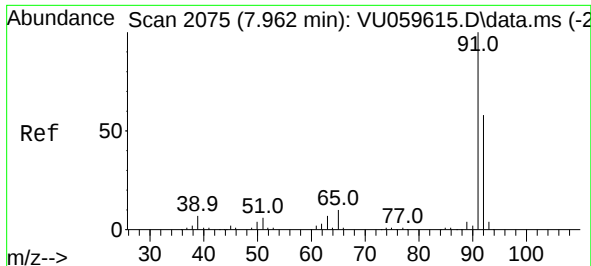
Tgt Ion: 75 Resp: 85543
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 55.372 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU059641.D
 Acq: 28 Jun 2024 23:26

Tgt Ion: 43 Resp: 327933
 Ion Ratio Lower Upper
 43 100
 58 45.3 34.0 51.0
 100 18.2 12.1 18.1#





#42

Toluene

Concen: 5.102 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU059641.D

Acq: 28 Jun 2024 23:26

Instrument :

MSVOA_U

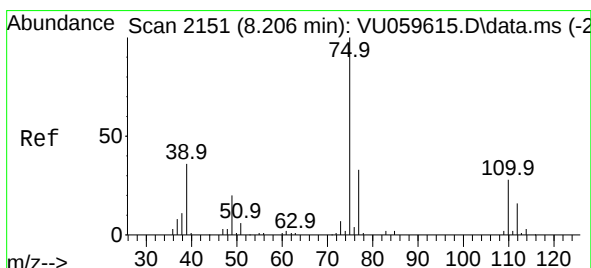
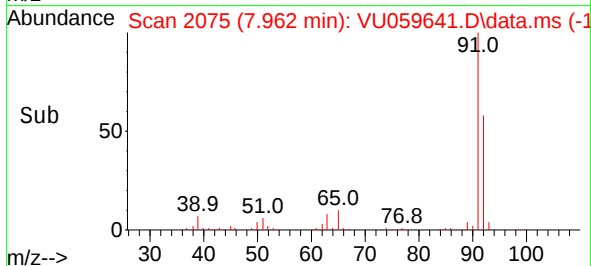
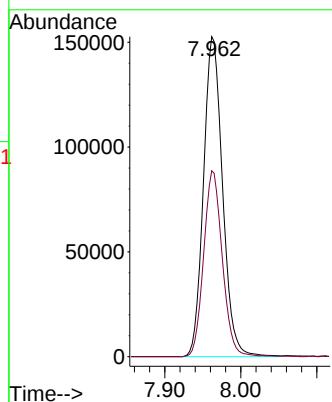
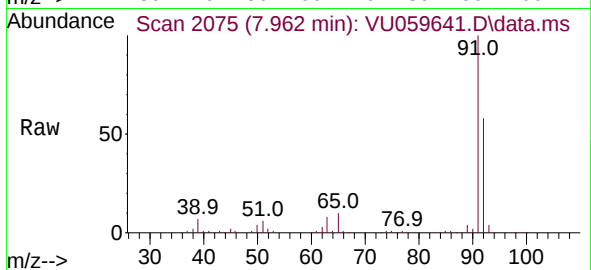
ClientSampleId :

Tgt Ion: 91 Resp: 266756

Ion Ratio Lower Upper

91 100

92 58.1 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.088 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU059641.D

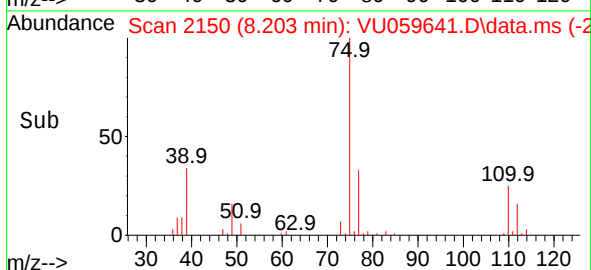
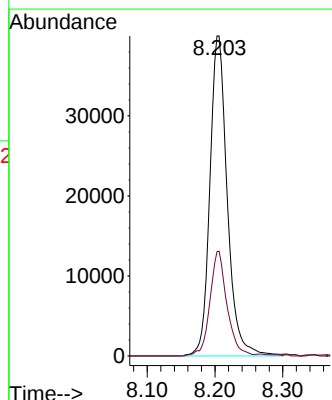
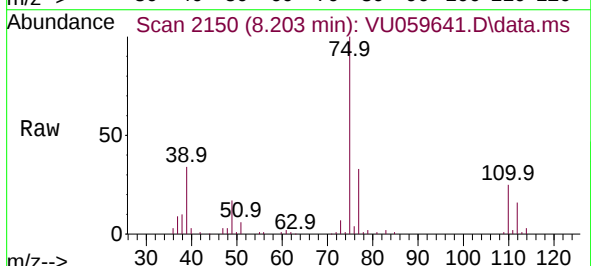
Acq: 28 Jun 2024 23:26

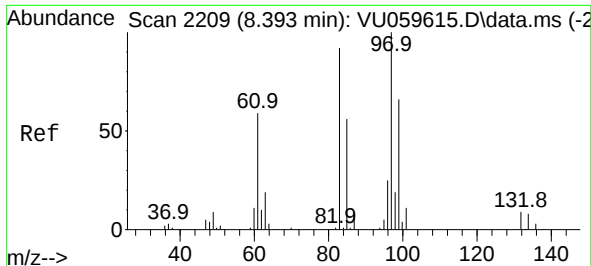
Tgt Ion: 75 Resp: 71376

Ion Ratio Lower Upper

75 100

77 32.6 22.0 41.0

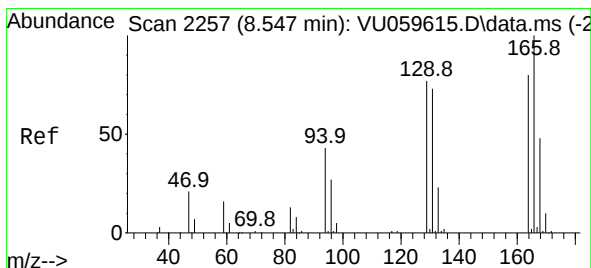
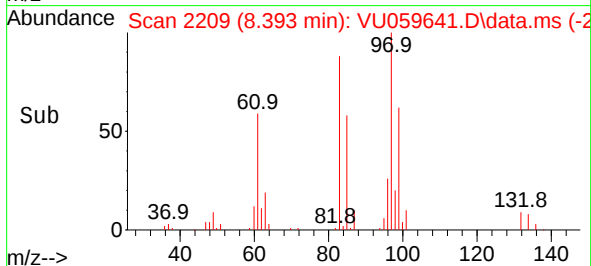
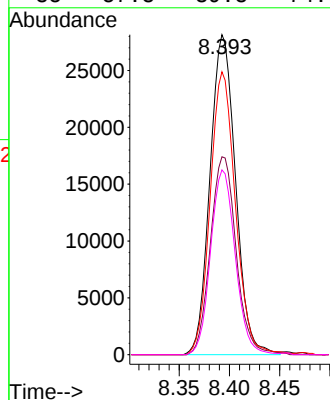
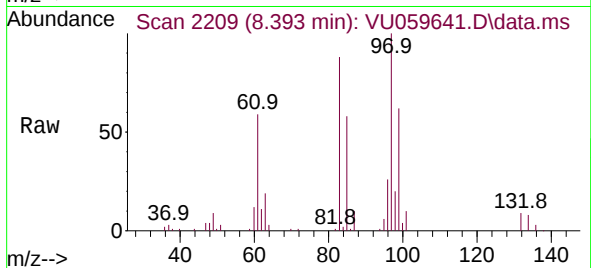




#45
1,1,2-Trichloroethane
Concen: 5.282 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

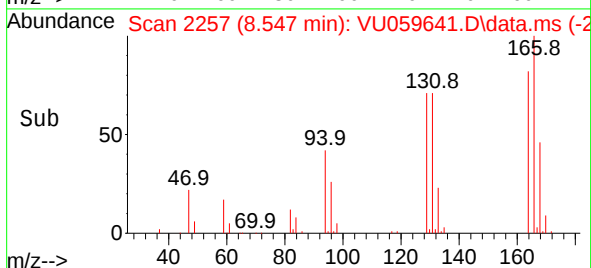
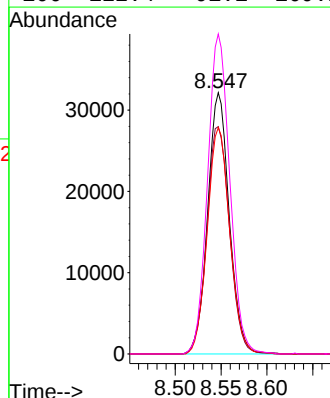
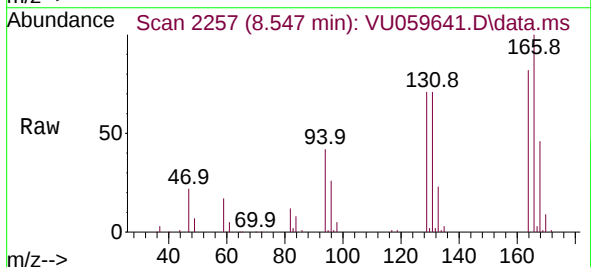
Instrument :
MSVOA_U
ClientSampleId :

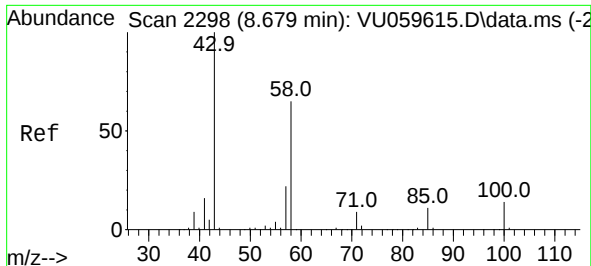
Tgt Ion:	97	Resp:	49749
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.3	80.3
83	88.4	62.3	115.7
85	57.8	39.8	74.0



#47
Tetrachloroethene
Concen: 5.085 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

Tgt Ion:	164	Resp:	52778
Ion	Ratio	Lower	Upper
164	100		
129	87.0	70.8	131.4
131	86.6	64.8	120.3
166	122.4	91.1	169.1





#48

2-Hexanone

Concen: 57.020 ug/L

RT: 8.675 min Scan# 21

Delta R.T. -0.003 min MSVOA_U

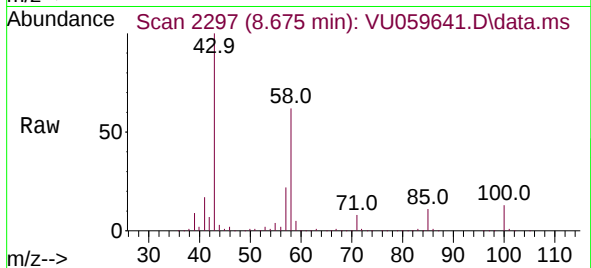
Lab File: VU059641.D

Acq: 28 Jun 2024 23:26

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 241005

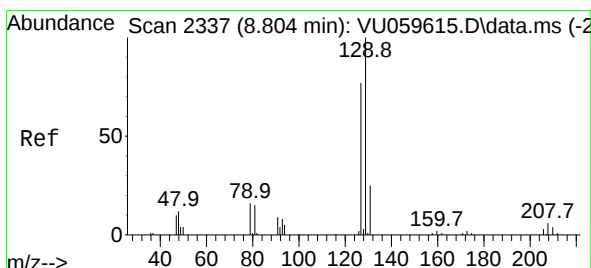
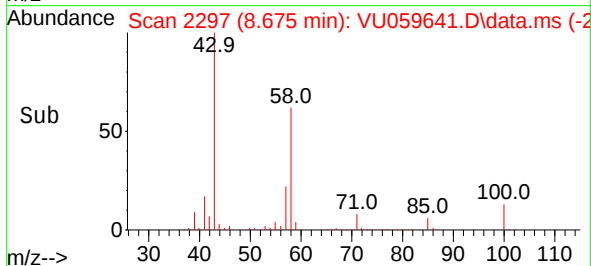
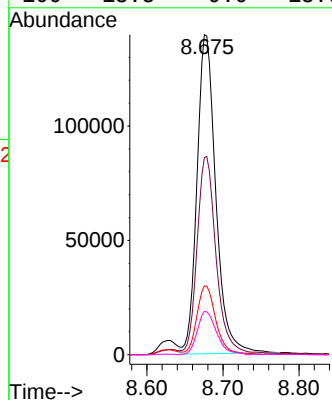
Ion Ratio Lower Upper

43 100

58 62.4 46.1 69.1

57 22.0 15.5 23.3

100 13.8 9.0 13.6#



#49

Dibromochloromethane

Concen: 5.184 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.003 min

Lab File: VU059641.D

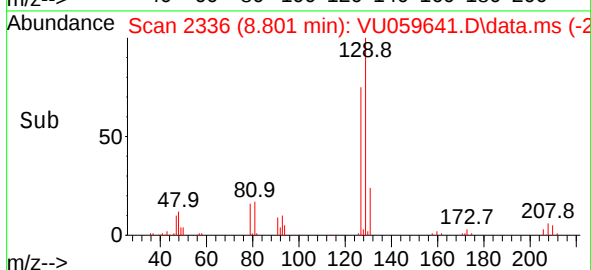
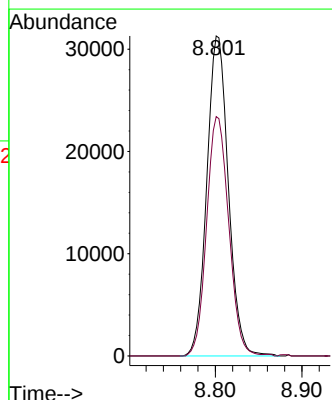
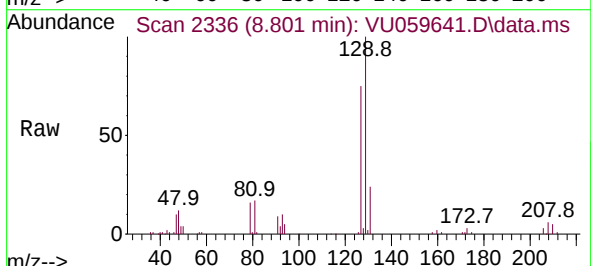
Acq: 28 Jun 2024 23:26

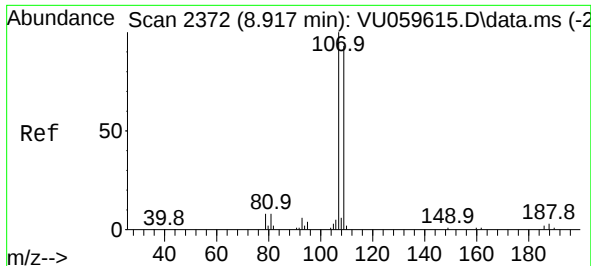
Tgt Ion: 129 Resp: 54084

Ion Ratio Lower Upper

129 100

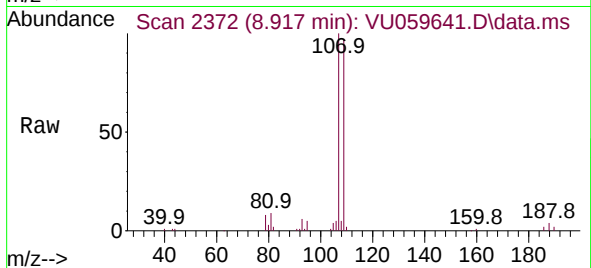
127 74.8 52.5 97.5



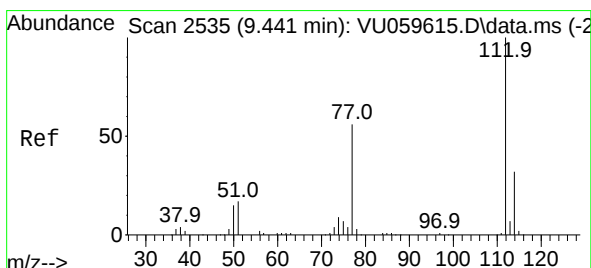
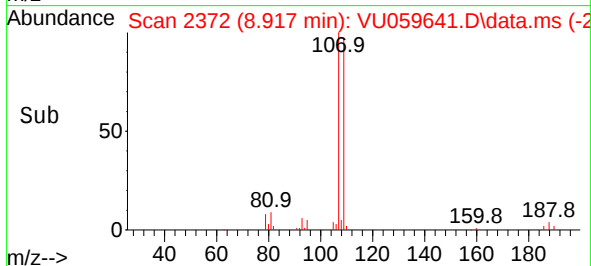
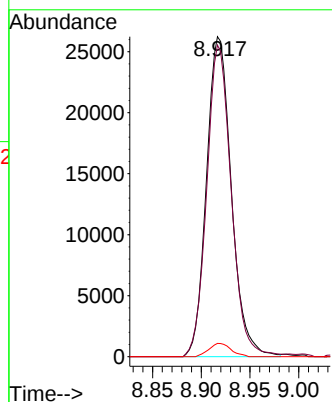


#50
1,2-Dibromoethane
Concen: 5.352 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

Instrument :
MSVOA_U
ClientSampleId :

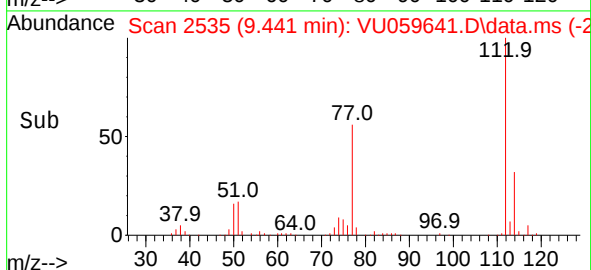
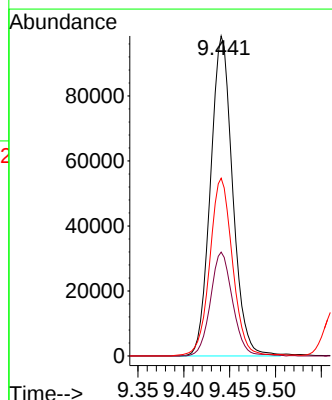
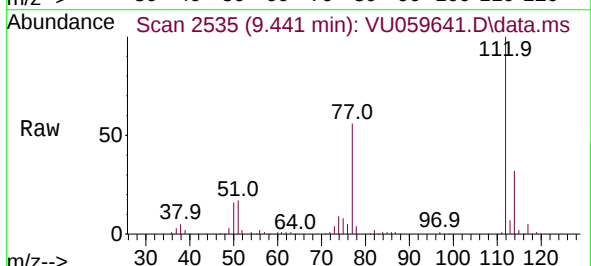


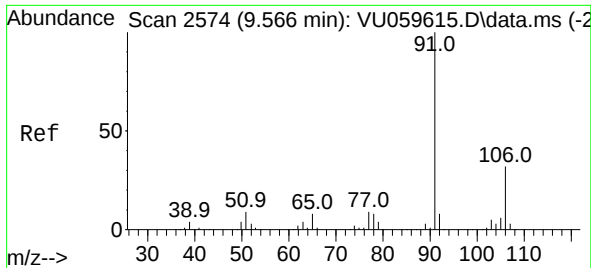
Tgt Ion:107 Resp: 46553
Ion Ratio Lower Upper
107 100
109 97.4 66.9 124.3
188 4.2 2.7 4.1#



#51
Chlorobenzene
Concen: 4.991 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

Tgt Ion:112 Resp: 165510
Ion Ratio Lower Upper
112 100
114 32.4 22.4 41.6
77 55.6 49.1 73.7

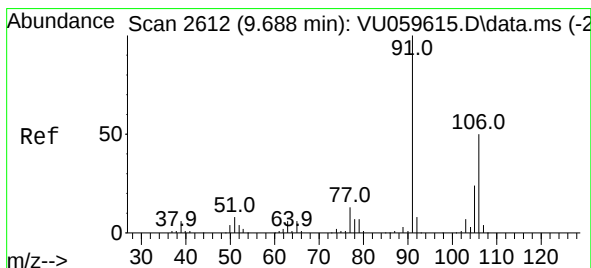
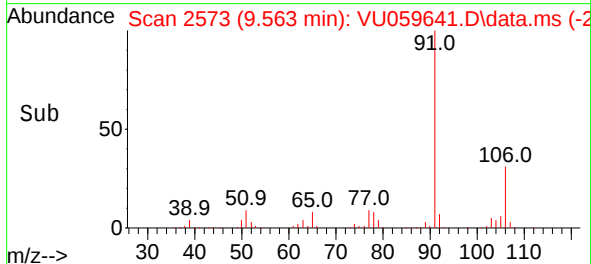
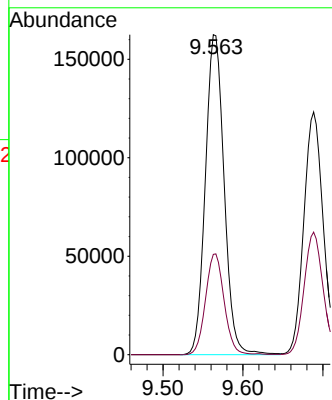
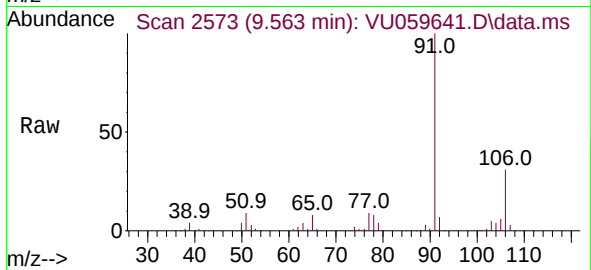




#52
Ethylbenzene
Concen: 4.956 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.003 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

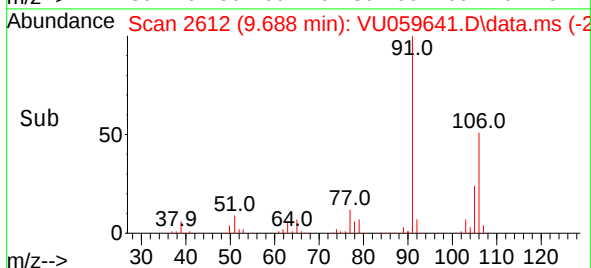
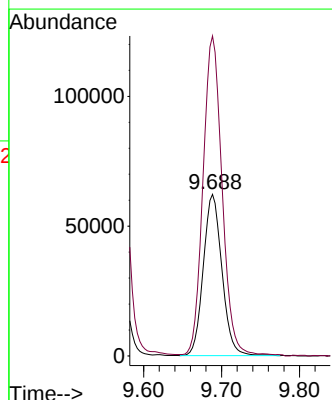
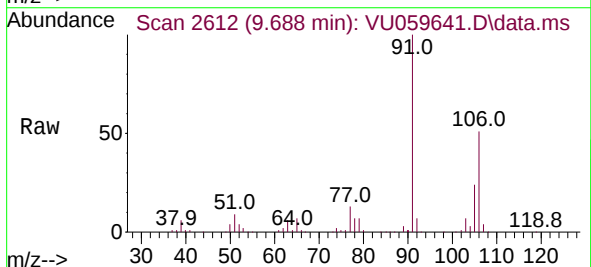
Instrument :
MSVOA_U
ClientSampleId :

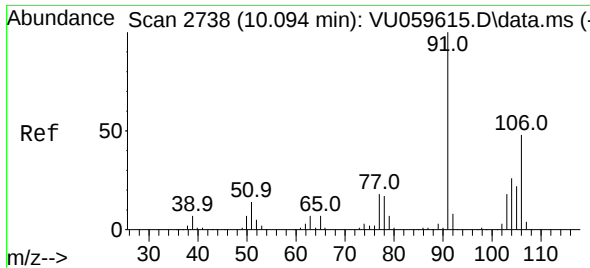
Tgt Ion: 91 Resp: 265845
Ion Ratio Lower Upper
91 100
106 31.4 20.9 38.7



#53
m,p-Xylene
Concen: 5.006 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

Tgt Ion:106 Resp: 103121
Ion Ratio Lower Upper
106 100
91 198.0 142.0 263.8

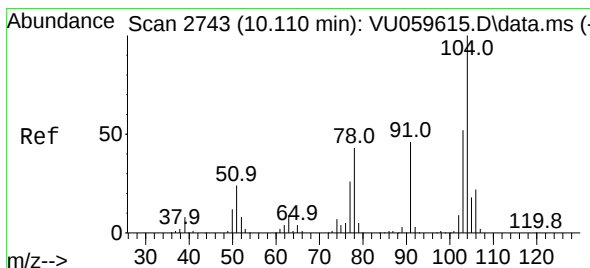
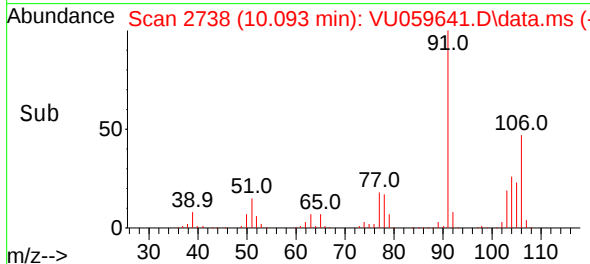
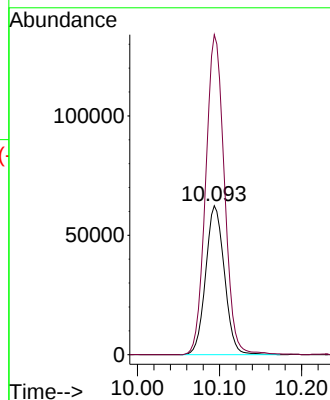
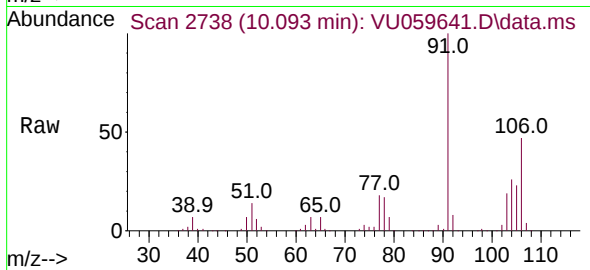




#54
o-Xylene
Concen: 5.070 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

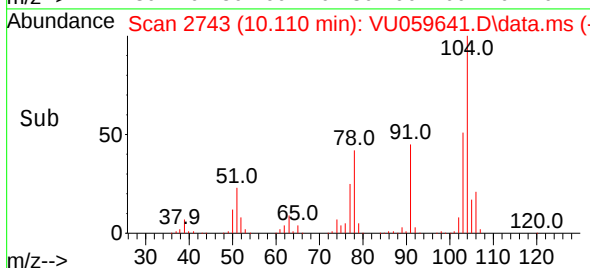
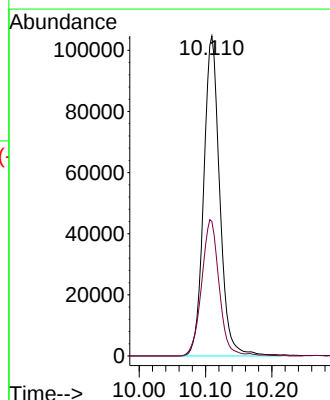
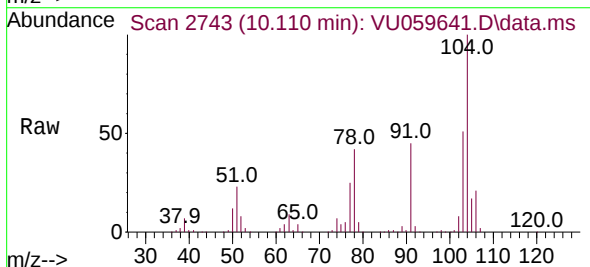
Instrument :
MSVOA_U
ClientSampleId :

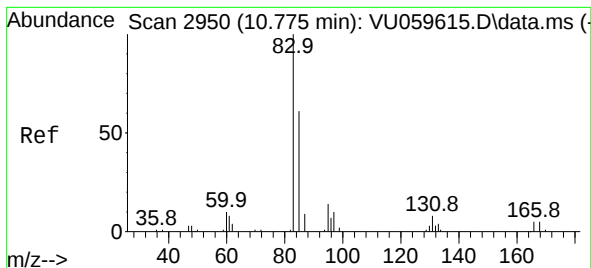
Tgt Ion:106 Resp: 99113
Ion Ratio Lower Upper
106 100
91 214.9 151.6 281.6



#55
Styrene
Concen: 5.285 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

Tgt Ion:104 Resp: 175909
Ion Ratio Lower Upper
104 100
78 42.0 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.523 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059641.D

Acq: 28 Jun 2024 23:26

Instrument :

MSVOA_U

ClientSampleId :

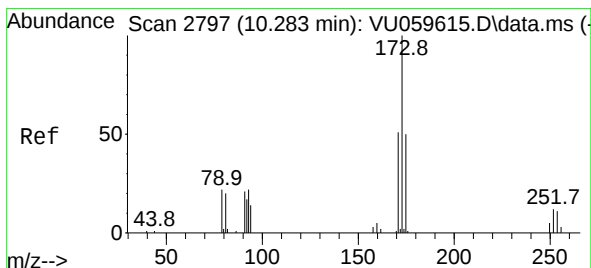
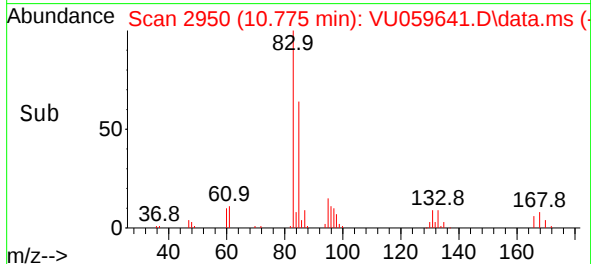
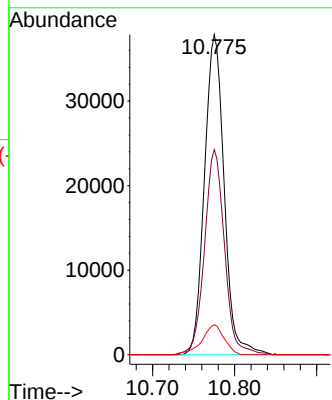
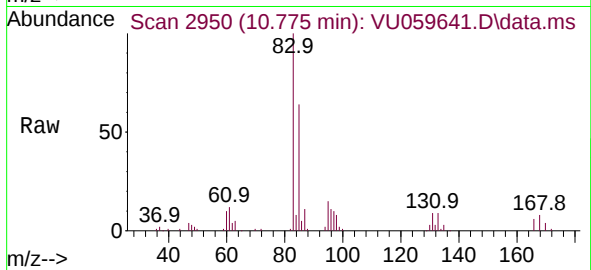
Tgt Ion: 83 Resp: 63105

Ion Ratio Lower Upper

83 100

85 64.1 44.7 82.9

131 9.4 6.9 10.3



#59

Bromoform

Concen: 5.163 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU059641.D

Acq: 28 Jun 2024 23:26

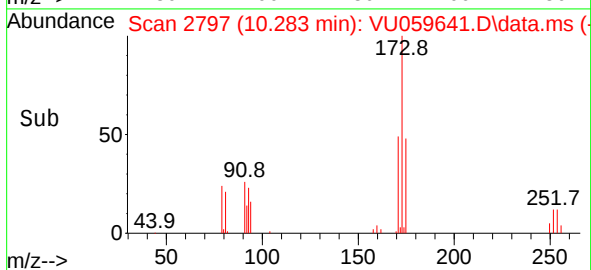
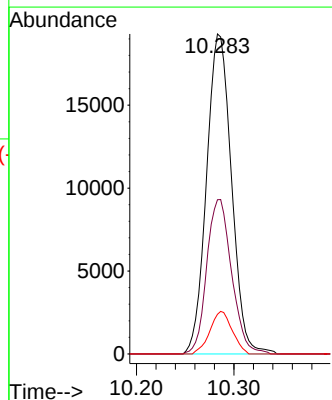
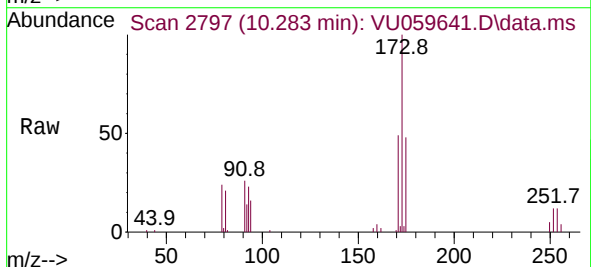
Tgt Ion:173 Resp: 34323

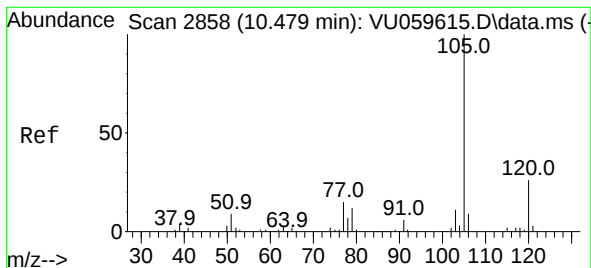
Ion Ratio Lower Upper

173 100

175 48.1 39.4 59.2

254 11.9 7.4 11.2#





#60

Isopropylbenzene

Concen: 4.905 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU059641.D

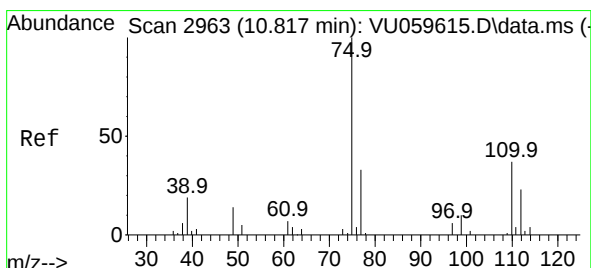
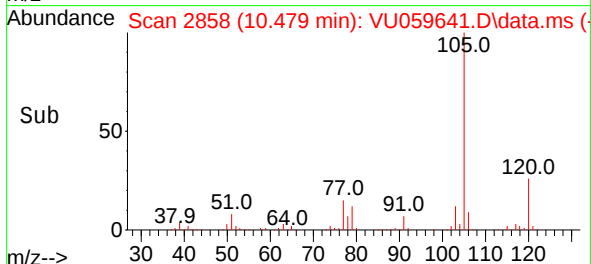
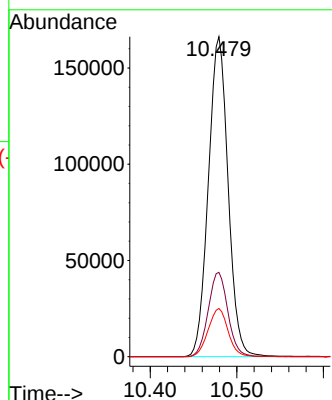
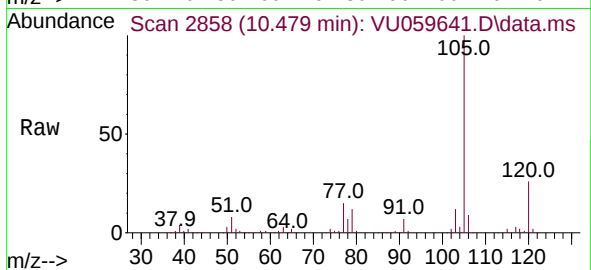
Acq: 28 Jun 2024 23:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	263166
Ion Ratio	Lower	Upper	
105	100		
120	26.3	20.6	31.0
77	15.3	12.8	19.2



#61

1,2,3-Trichloropropane

Concen: 5.238 ug/L

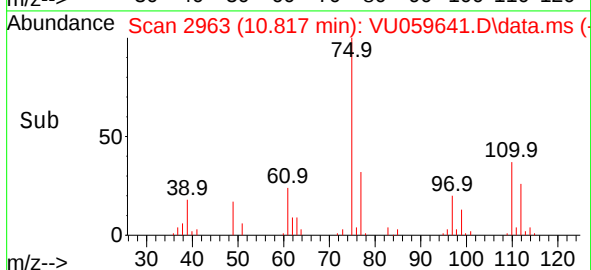
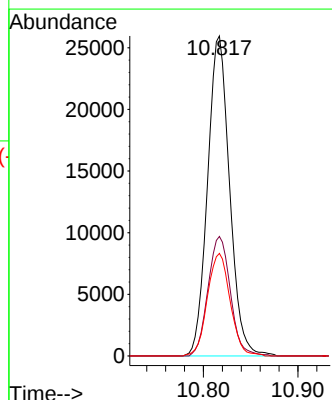
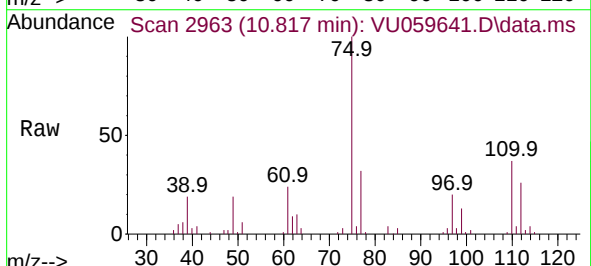
RT: 10.817 min Scan# 2963

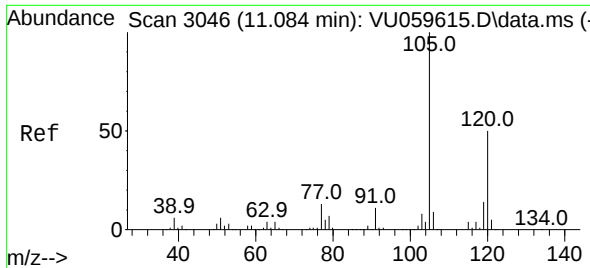
Delta R.T. -0.000 min

Lab File: VU059641.D

Acq: 28 Jun 2024 23:26

Tgt Ion:	75	Resp:	42046
Ion Ratio	Lower	Upper	
75	100		
110	37.9	27.1	40.7
77	33.1	25.4	38.2





#62

1,3,5-Trimethylbenzene

Concen: 4.645 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU059641.D

Acq: 28 Jun 2024 23:26

Instrument :

MSVOA_U

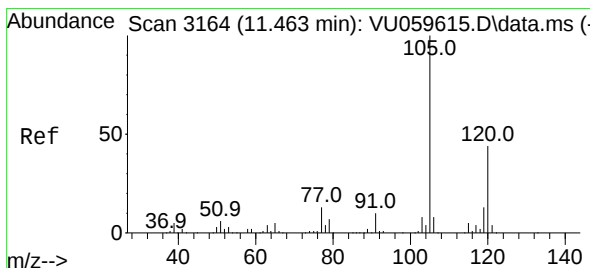
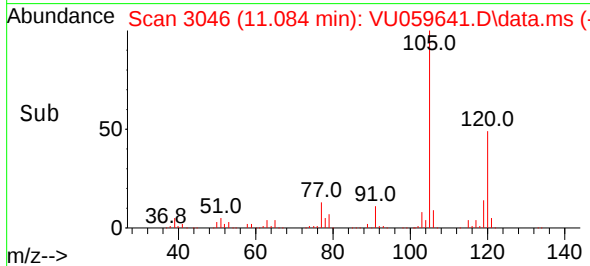
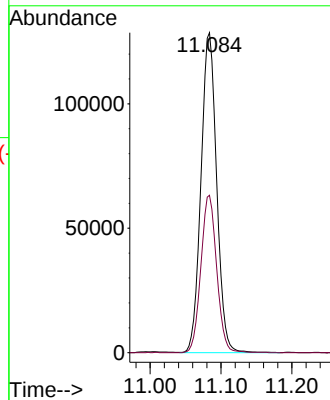
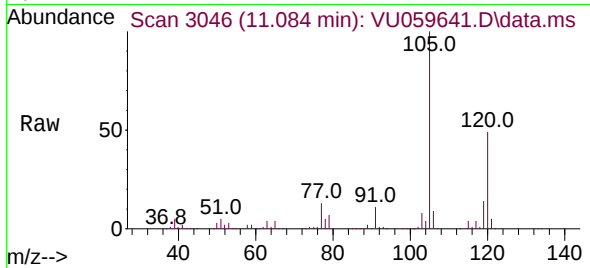
ClientSampleId :

Tgt Ion:105 Resp: 197448

Ion Ratio Lower Upper

105 100

120 49.5 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 4.840 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU059641.D

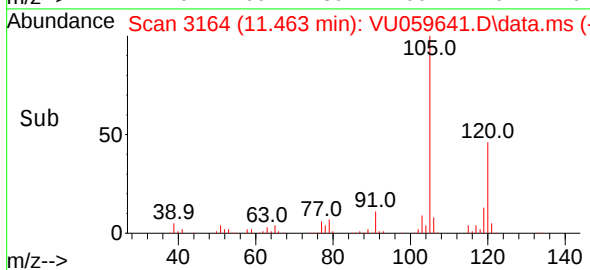
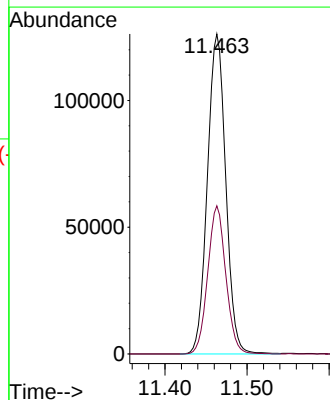
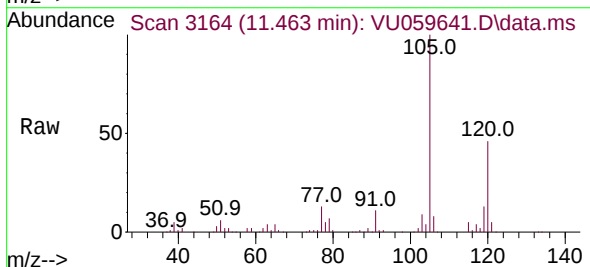
Acq: 28 Jun 2024 23:26

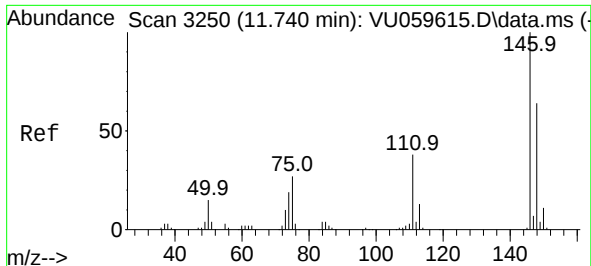
Tgt Ion:105 Resp: 196680

Ion Ratio Lower Upper

105 100

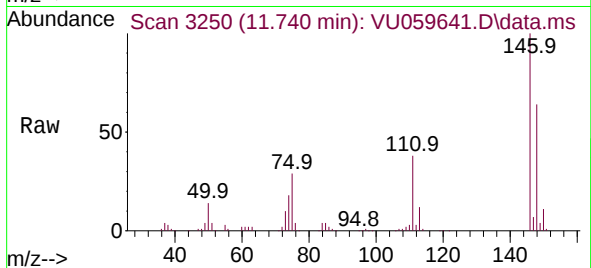
120 45.7 35.4 53.0



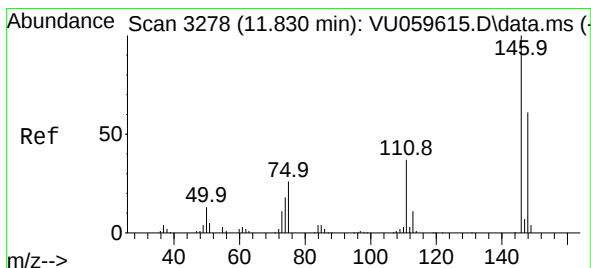
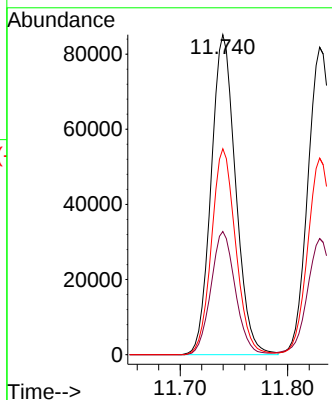
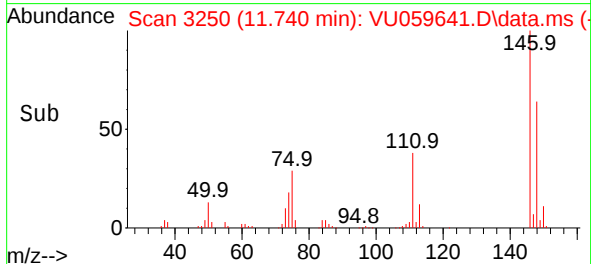


#64
1,3-Dichlorobenzene
Concen: 4.942 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

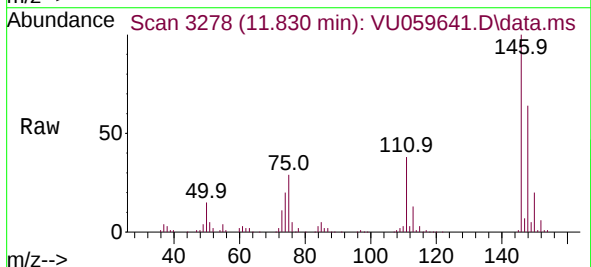
Instrument :
MSVOA_U
ClientSampleId :



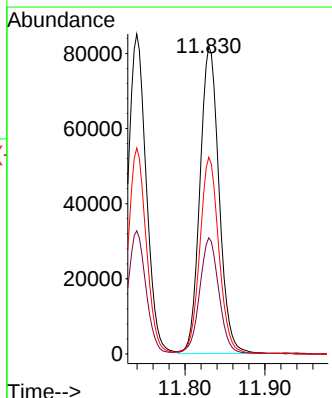
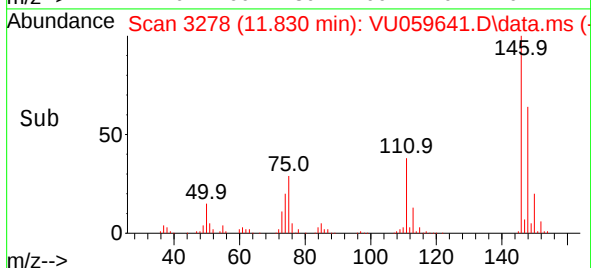
Tgt Ion:146 Resp: 134866
Ion Ratio Lower Upper
146 100
111 38.5 27.4 51.0
148 64.4 45.0 83.6

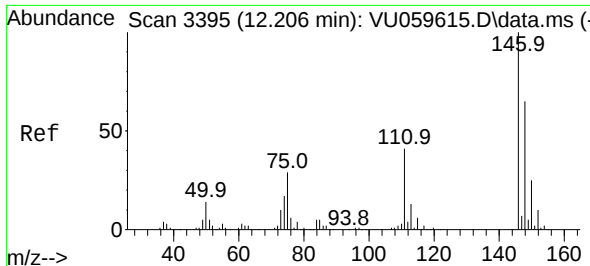


#65
1,4-Dichlorobenzene
Concen: 4.849 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26



Tgt Ion:146 Resp: 136219
Ion Ratio Lower Upper
146 100
111 37.8 26.9 50.1
148 63.9 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.986 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU059641.D

Acq: 28 Jun 2024 23:26

Instrument :

MSVOA_U

ClientSampleId :

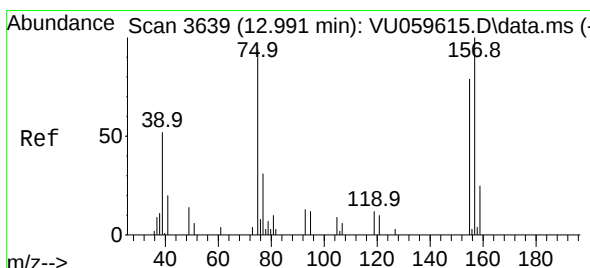
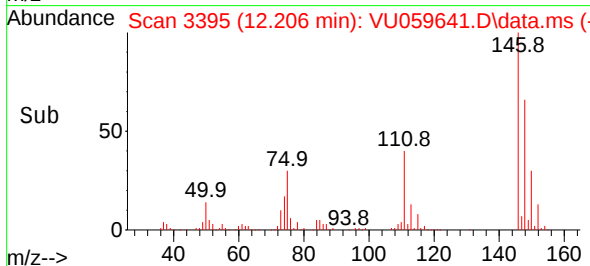
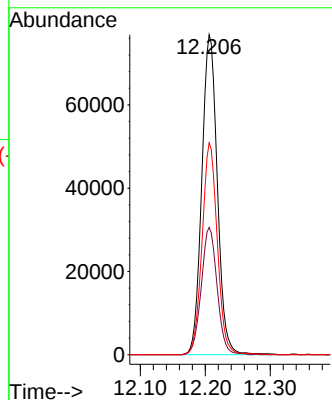
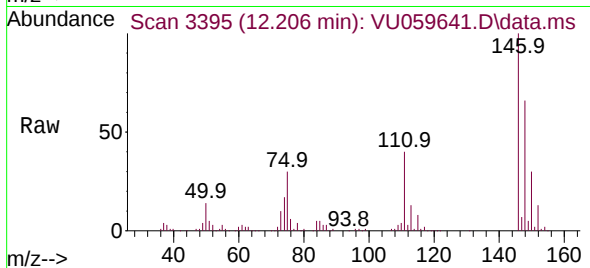
Tgt Ion:146 Resp: 128036

Ion Ratio Lower Upper

146 100

111 39.8 33.4 50.0

148 66.2 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.492 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU059641.D

Acq: 28 Jun 2024 23:26

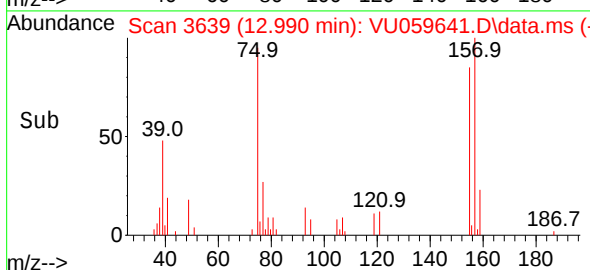
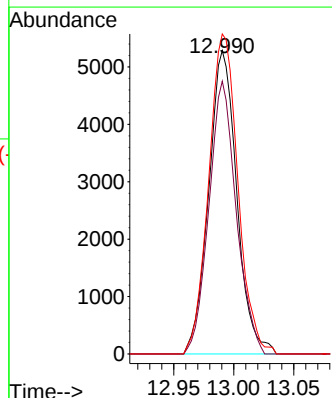
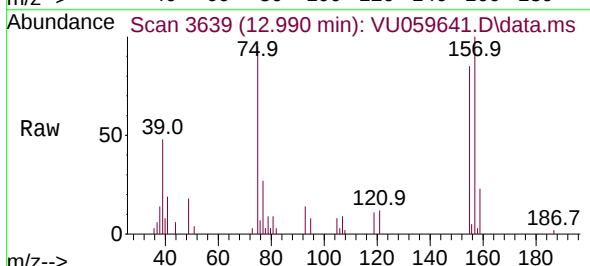
Tgt Ion: 75 Resp: 8598

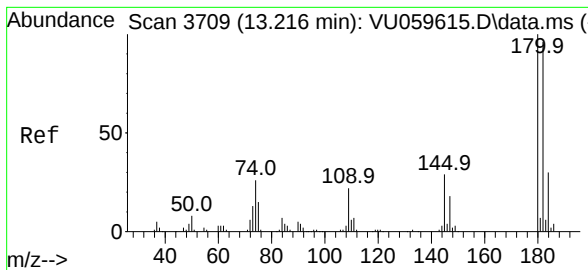
Ion Ratio Lower Upper

75 100

155 89.9 58.2 87.2#

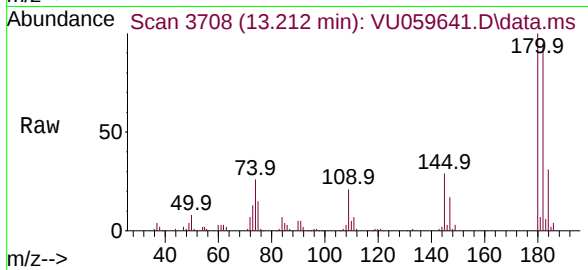
157 105.5 80.0 120.0



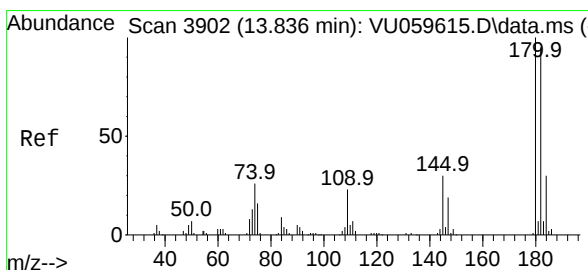
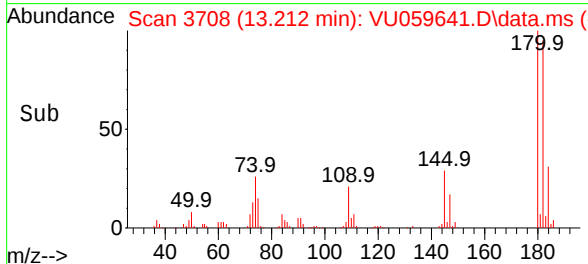
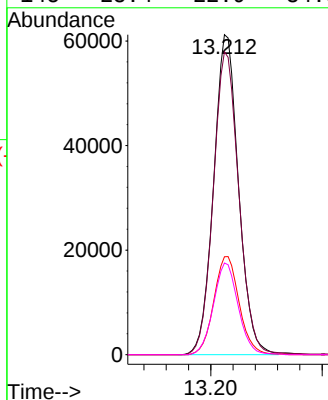


#69
1,3,5-Trichlorobenzene
Concen: 4.700 ug/L
RT: 13.212 min Scan# 3709
Delta R.T. -0.003 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

Instrument :
MSVOA_U
ClientSampleId :

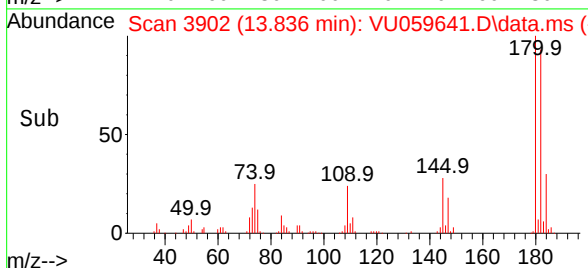
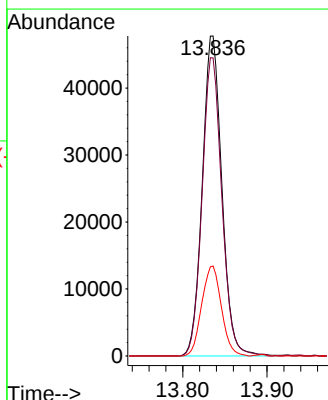
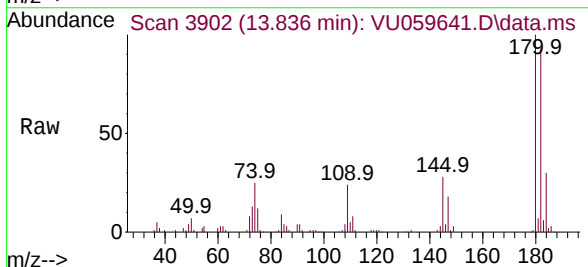


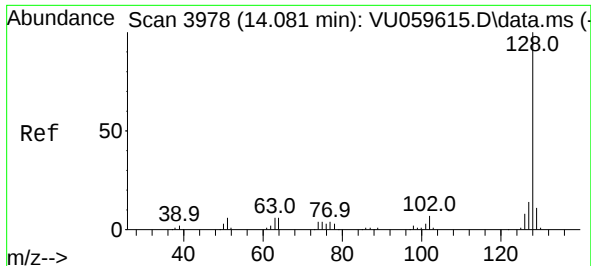
Tgt Ion:180 Resp: 94951
Ion Ratio Lower Upper
180 100
182 97.0 75.4 113.0
184 31.3 23.0 34.6
145 28.4 22.9 34.3



#70
1,2,4-trichlorobenzene
Concen: 4.991 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

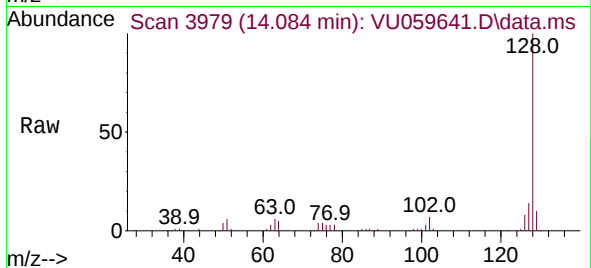
Tgt Ion:180 Resp: 77345
Ion Ratio Lower Upper
180 100
182 93.8 74.9 112.3
145 28.2 23.9 35.9



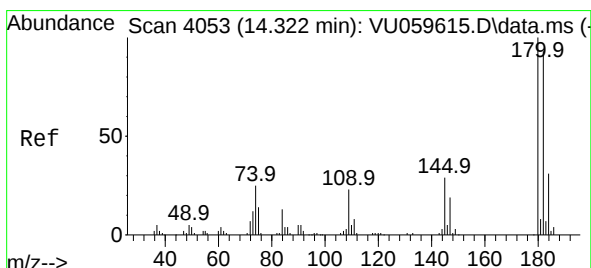
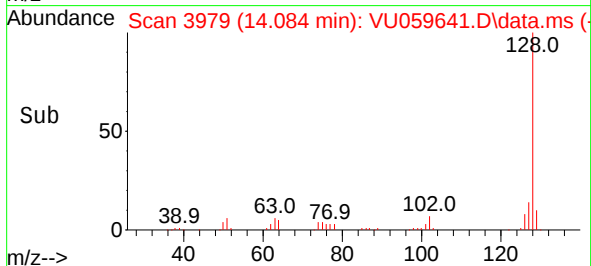
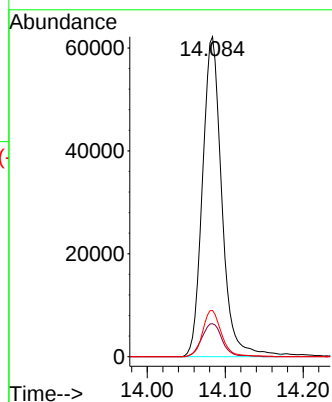


#71
Naphthalene
Concen: 4.832 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 107163
Ion Ratio Lower Upper
128 100
129 11.0 8.2 12.4
127 14.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.981 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU059641.D
Acq: 28 Jun 2024 23:26

Tgt Ion:180 Resp: 71675
Ion Ratio Lower Upper
180 100
182 96.0 77.0 115.6
145 30.1 26.2 39.4

