

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
 Data File : VU058640.D
 Acq On : 12 Apr 2024 04:12
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 05:03:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 04:41:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	79398	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	78695	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38707	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23907	4.548	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.904	69	21782	4.768	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.557	65	10998	4.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.618	46	51513	46.501	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.000%
24) Chloroform-d	5.052	84	51595	4.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.692	65	23518	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.718	84	97717	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.682	67	29967	4.510	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.891	98	85981	4.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.174	79	9085	4.405	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.627	63	38808	45.620	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.240%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19853	4.233	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	26536	4.070	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	26646	4.026	ug/L	98
3) Chloromethane	1.515	50	32832	4.054	ug/L	97
5) Vinyl chloride	1.599	62	34872	4.311	ug/L	100
6) Bromomethane	1.853	94	15830	4.137	ug/L	97
8) Chloroethane	1.927	64	23228	4.546	ug/L	99
9) Trichlorofluoromethane	2.133	101	46737	4.375	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	27501	4.333	ug/L	97
12) 1,1-Dichloroethene	2.573	96	24611	4.374	ug/L	96
13) Acetone	2.624	43	36840	38.963	ug/L	100
14) Carbon disulfide	2.785	76	74086	4.145	ug/L	98
15) Methyl Acetate	2.943	43	9948	4.459	ug/L	99
16) Methylene chloride	3.036	84	31597	4.231	ug/L	93
17) Methyl tert-butyl Ether	3.348	73	58734	4.419	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	26217	4.446	ug/L	96
19) 1,1-Dichloroethane	3.856	63	61075	4.745	ug/L	98
21) 2-Butanone	4.695	43	61557	43.558	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	30324	4.579	ug/L	97
23) Bromochloromethane	4.965	128	11976	4.590	ug/L	92
25) Chloroform	5.075	83	59466	4.773	ug/L	100

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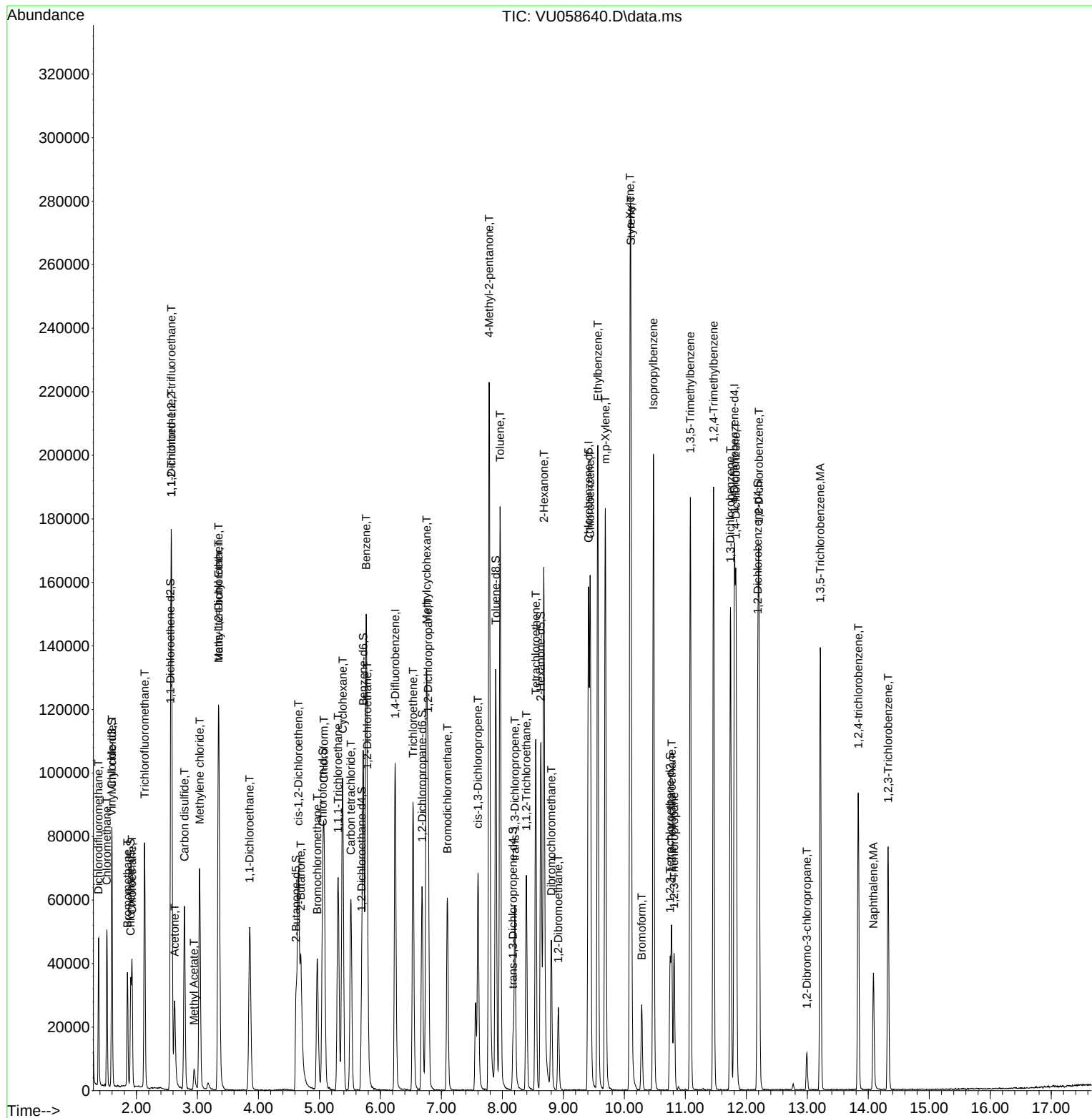
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	37076	4.887	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	47104	4.464	ug/L	97
30) Cyclohexane	5.380	56	46303	4.155	ug/L	99
31) Carbon tetrachloride	5.515	117	39767	4.451	ug/L	99
33) Benzene	5.766	78	126016	4.417	ug/L	100
34) Trichloroethene	6.534	95	30727	4.273	ug/L	95
35) Methylcyclohexane	6.756	83	43467	4.012	ug/L	96
37) 1,2-Dichloropropane	6.782	63	34704	4.624	ug/L	100
38) Bromodichloromethane	7.097	83	39643	4.628	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	40380	4.231	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	162574	46.020	ug/L	98
42) Toluene	7.962	91	130513	4.362	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	33187	4.409	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	20295	4.630	ug/L	95
47) Tetrachloroethene	8.547	164	22342	4.238	ug/L	96
48) 2-Hexanone	8.679	43	115762	46.159	ug/L	98
49) Dibromochloromethane	8.801	129	22199	4.380	ug/L	97
50) 1,2-Dibromoethane	8.917	107	17659	4.405	ug/L	97
51) Chlorobenzene	9.441	112	77909	4.303	ug/L	99
52) Ethylbenzene	9.563	91	137941	4.352	ug/L	99
53) m,p-Xylene	9.689	106	49700	4.378	ug/L	98
54) o-Xylene	10.094	106	48632	4.370	ug/L	98
55) Styrene	10.107	104	79883	4.462	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	24434	4.519	ug/L	98
59) Bromoform	10.283	173	11428	4.419	ug/L	99
60) Isopropylbenzene	10.476	105	123176	4.347	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	17339	4.390	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	98079	4.244	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	101073	4.284	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	57600	4.185	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	55372	4.129	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	53428	4.267	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	3261	4.869	ug/L	92
69) 1,3,5-Trichlorobenzene	13.213	180	40117	3.941	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	27305	3.479	ug/L	99
71) Naphthalene	14.084	128	30882	2.871	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	22841	3.524	ug/L	98

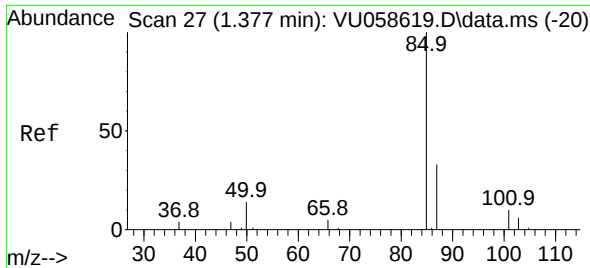
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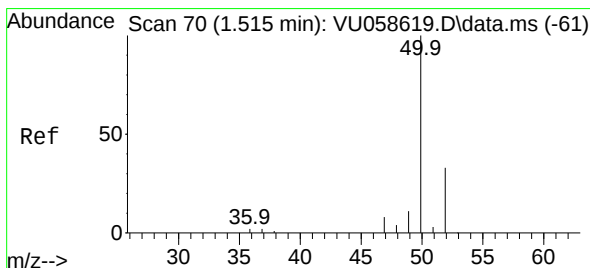
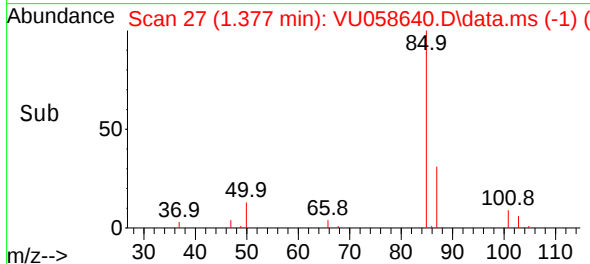
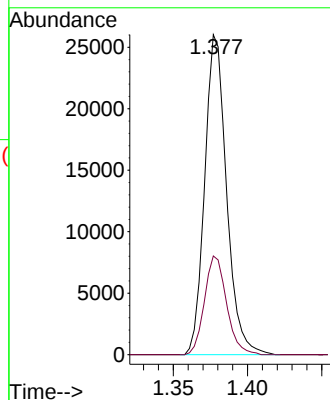
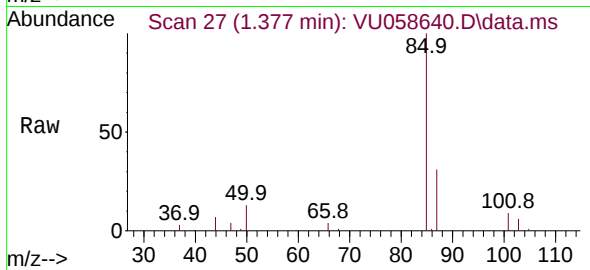




#2
 Dichlorodifluoromethane
 Concen: 4.026 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU058640.D
 Acq: 12 Apr 2024 04:12

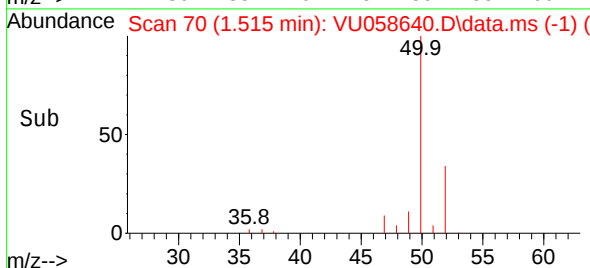
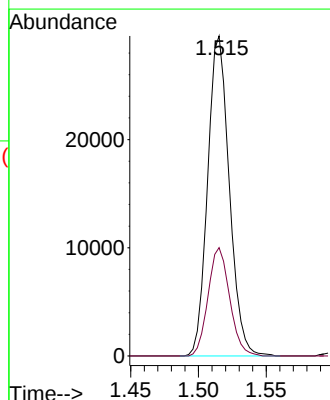
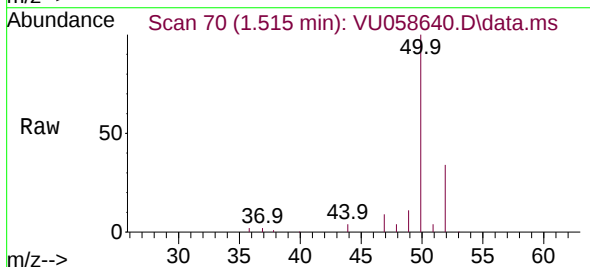
Instrument :
 MSVOA_U
 ClientSampleId :

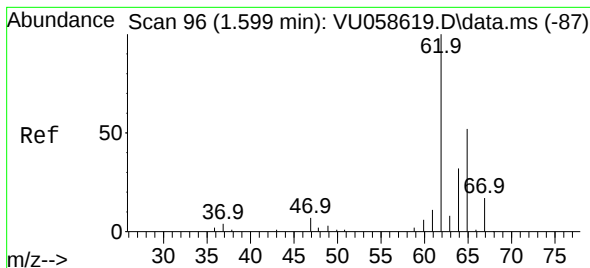
Tgt Ion: 85 Resp: 26646
 Ion Ratio Lower Upper
 85 100
 87 31.1 25.9 38.9



#3
 Chloromethane
 Concen: 4.054 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU058640.D
 Acq: 12 Apr 2024 04:12

Tgt Ion: 50 Resp: 32832
 Ion Ratio Lower Upper
 50 100
 52 33.9 22.6 42.0





#5

Vinyl chloride

Concen: 4.311 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU058640.D

Acq: 12 Apr 2024 04:12

Instrument :

MSVOA_U

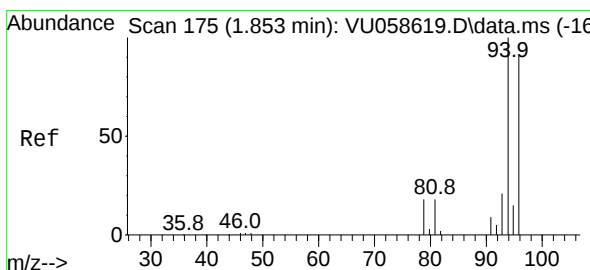
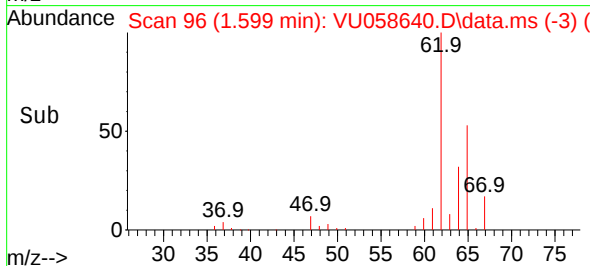
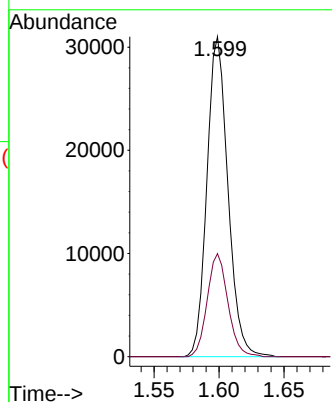
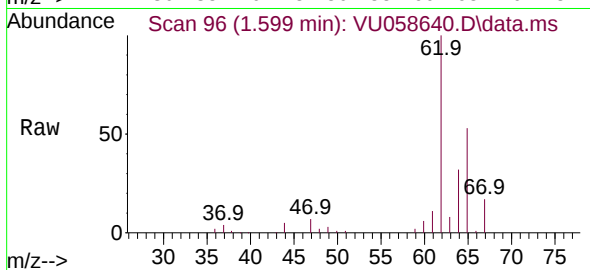
ClientSampleId :

Tgt Ion: 62 Resp: 34872

Ion Ratio Lower Upper

62 100

64 32.2 22.6 42.0



#6

Bromomethane

Concen: 4.137 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU058640.D

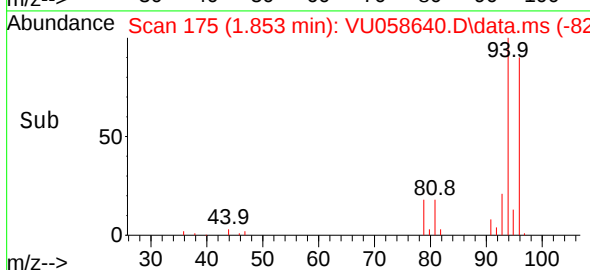
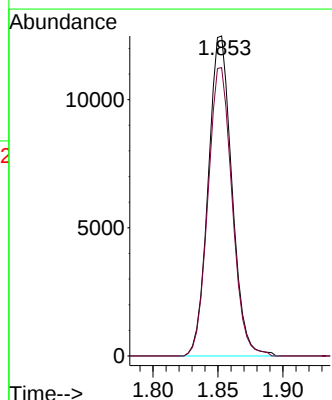
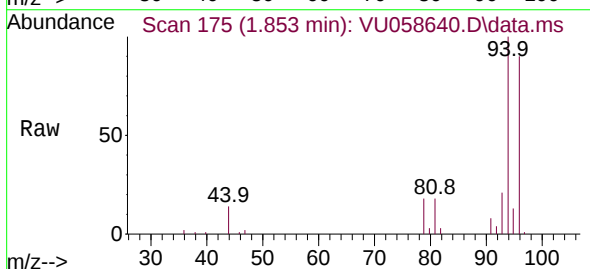
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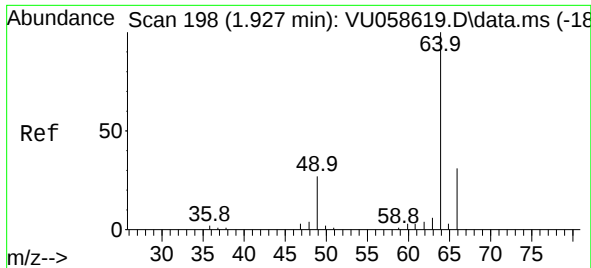
Tgt Ion: 94 Resp: 15830

Ion Ratio Lower Upper

94 100

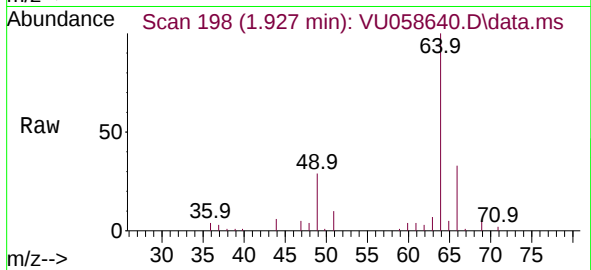
96 90.1 65.4 121.4



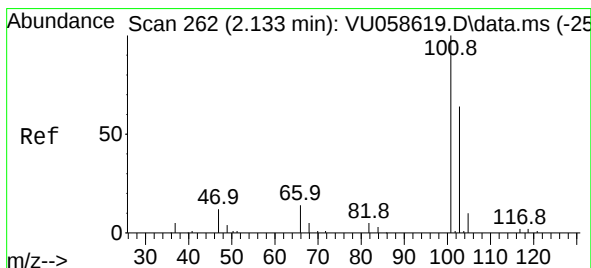
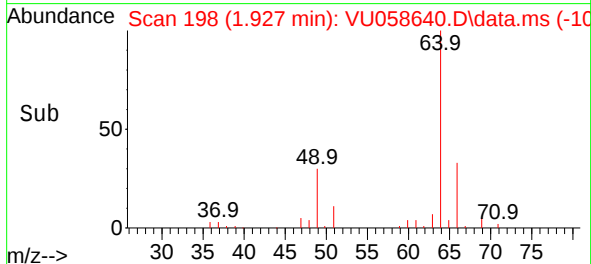
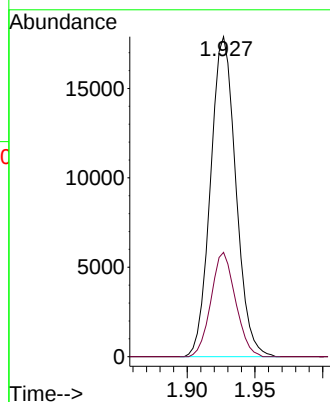


#8
Chloroethane
Concen: 4.546 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

Instrument :
MSVOA_U
ClientSampleId :

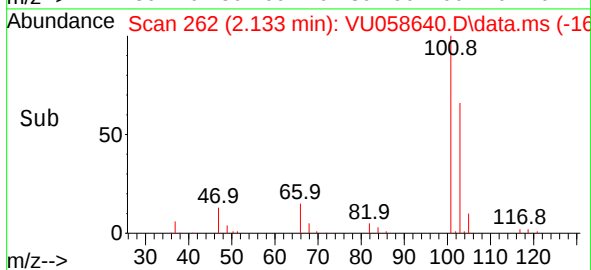
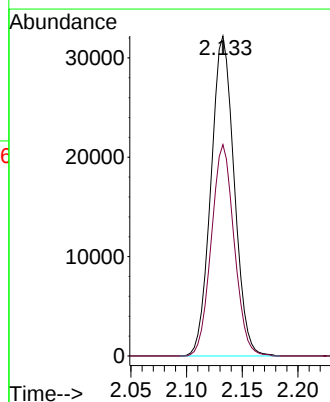
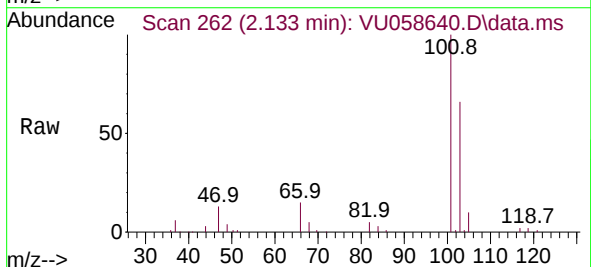


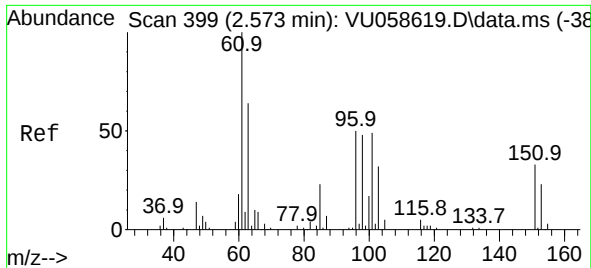
Tgt Ion: 64 Resp: 23228
Ion Ratio Lower Upper
64 100
66 32.6 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.375 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

Tgt Ion:101 Resp: 46737
Ion Ratio Lower Upper
101 100
103 65.0 51.2 76.8

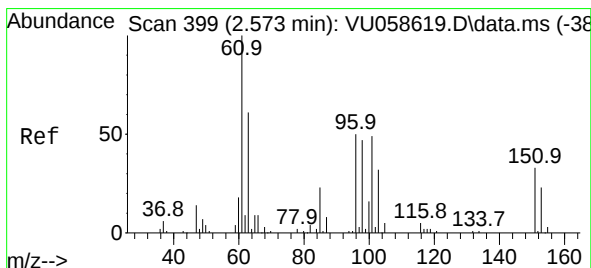
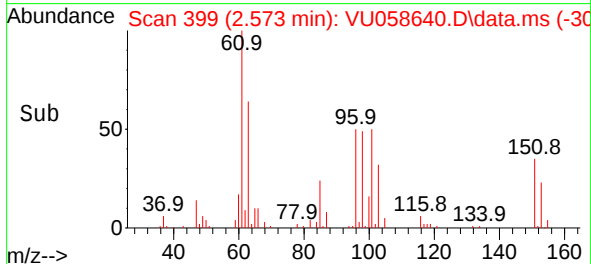
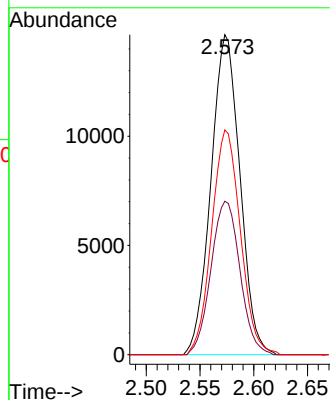
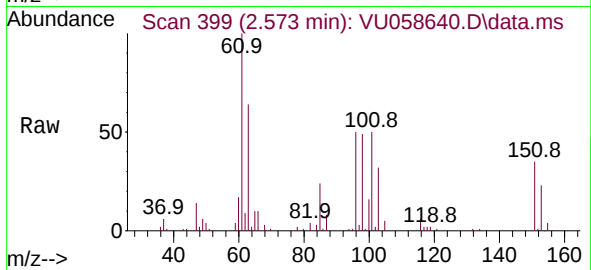




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.333 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU058640.D
 Acq: 12 Apr 2024 04:12

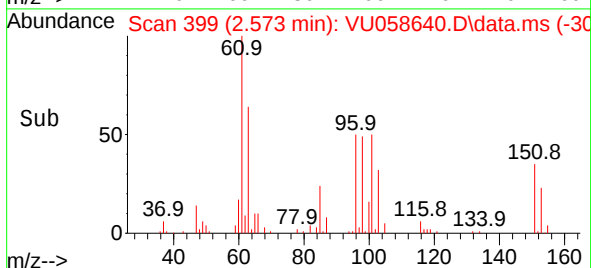
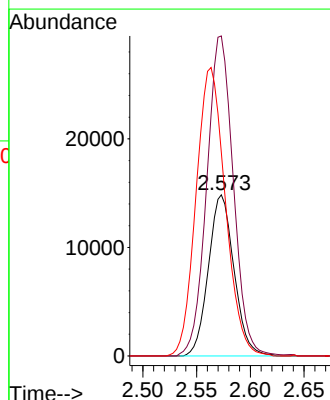
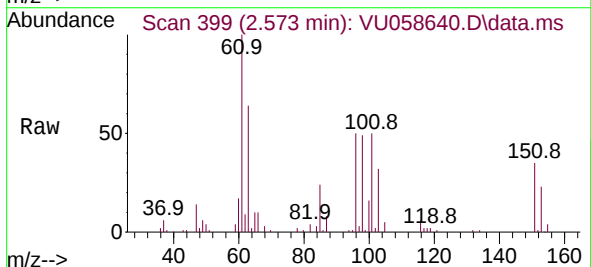
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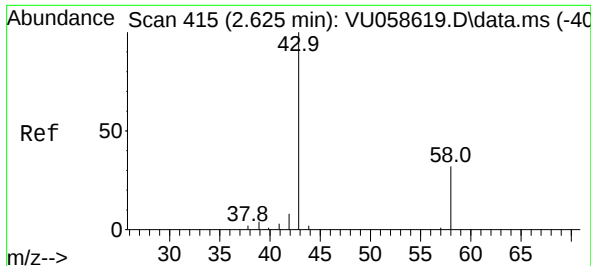
Tgt Ion:101 Resp: 27501
 Ion Ratio Lower Upper
 101 100
 85 48.0 36.8 55.2
 151 69.6 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 4.374 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU058640.D
 Acq: 12 Apr 2024 04:12

Tgt Ion: 96 Resp: 24611
 Ion Ratio Lower Upper
 96 100
 61 198.5 132.5 246.1
 63 126.4 87.7 162.9





#13

Acetone

Concen: 38.963 ug/L

RT: 2.624 min Scan# 415

Delta R.T. -0.000 min

Lab File: VU058640.D

Acq: 12 Apr 2024 04:12

Instrument :

MSVOA_U

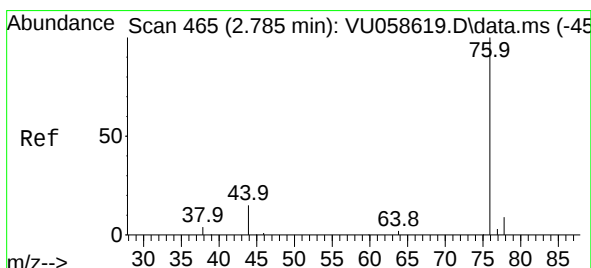
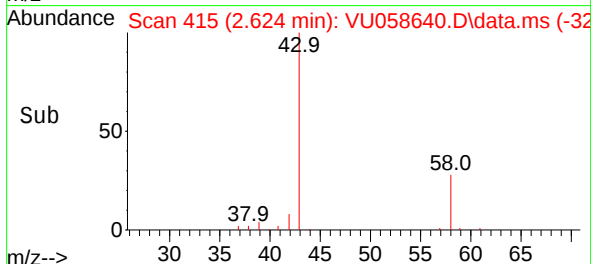
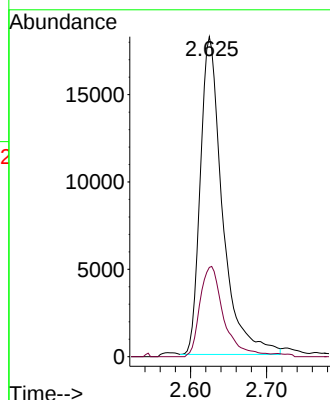
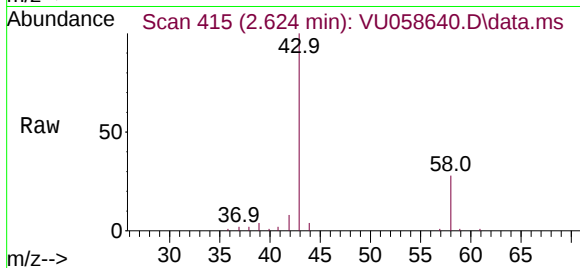
ClientSampleId :

Tgt Ion: 43 Resp: 36840

Ion Ratio Lower Upper

43 100

58 30.5 0.0 61.4



#14

Carbon disulfide

Concen: 4.145 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU058640.D

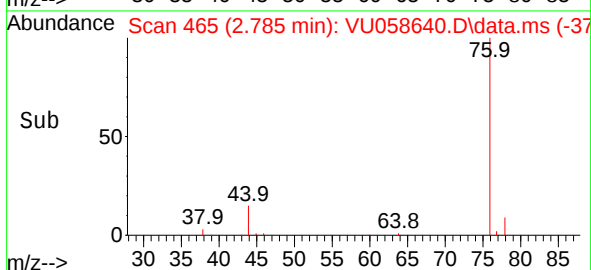
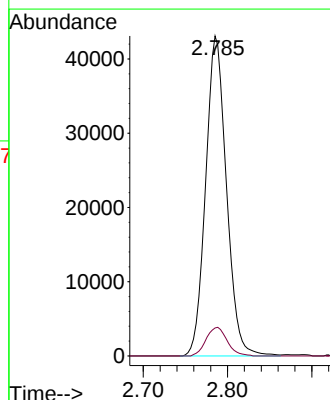
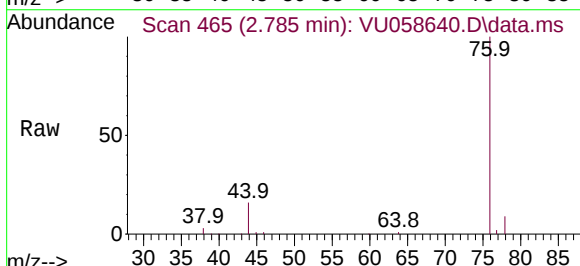
Acq: 12 Apr 2024 04:12

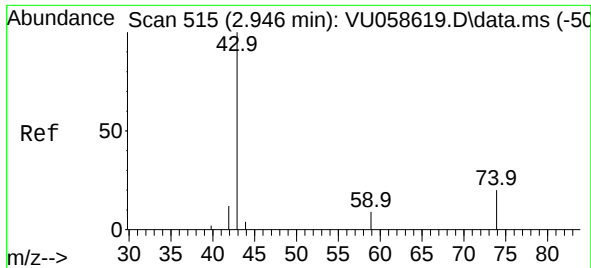
Tgt Ion: 76 Resp: 74086

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3





#15

Methyl Acetate

Concen: 4.459 ug/L

RT: 2.943 min Scan# 51

Delta R.T. -0.003 min

Lab File: VU058640.D

Acq: 12 Apr 2024 04:12

Instrument :

MSVOA_U

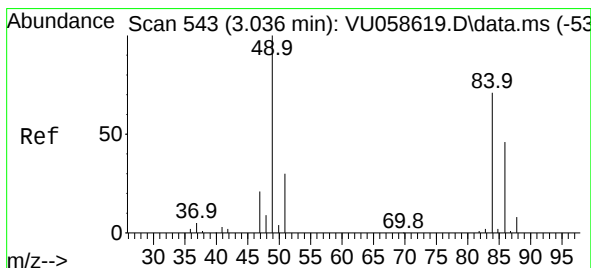
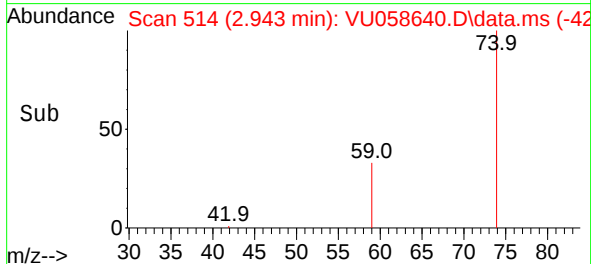
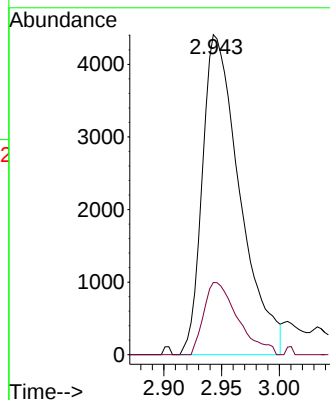
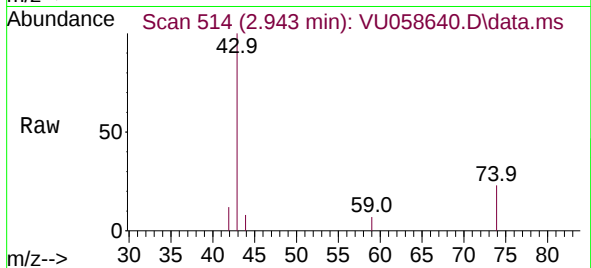
ClientSampleId :

Tgt Ion: 43 Resp: 9948

Ion Ratio Lower Upper

43 100

74 20.6 16.6 25.0



#16

Methylene chloride

Concen: 4.231 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU058640.D

Acq: 12 Apr 2024 04:12

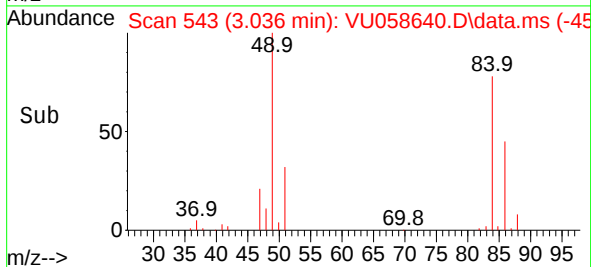
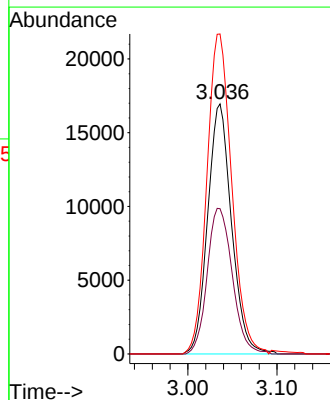
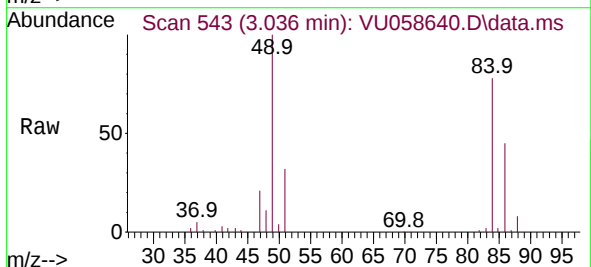
Tgt Ion: 84 Resp: 31597

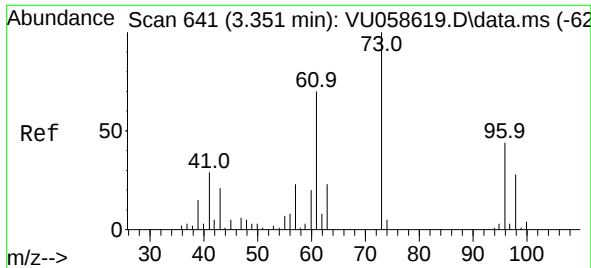
Ion Ratio Lower Upper

84 100

86 58.1 44.3 82.3

49 127.9 96.0 178.2

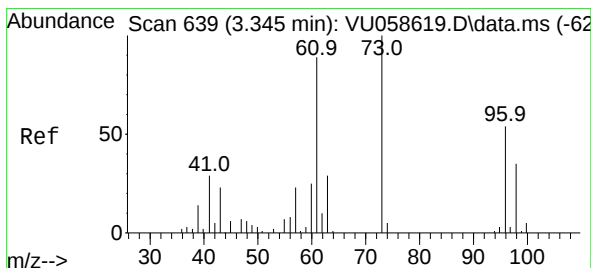
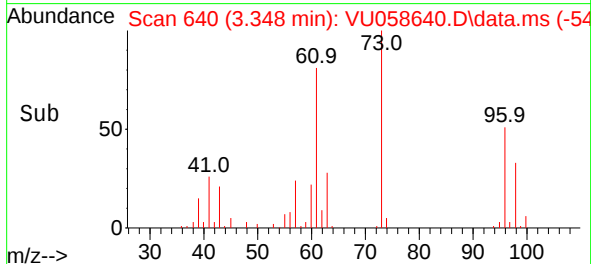
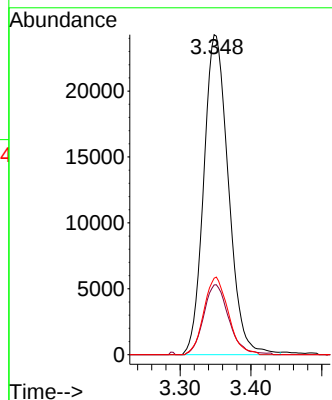
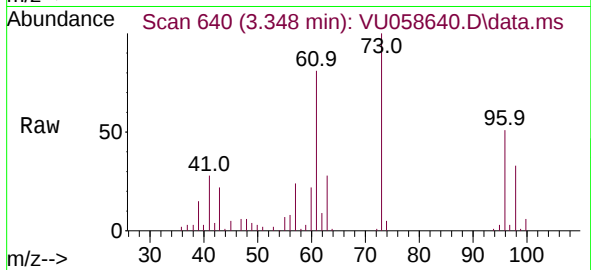




#17
Methyl tert-butyl Ether
Concen: 4.419 ug/L
RT: 3.348 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

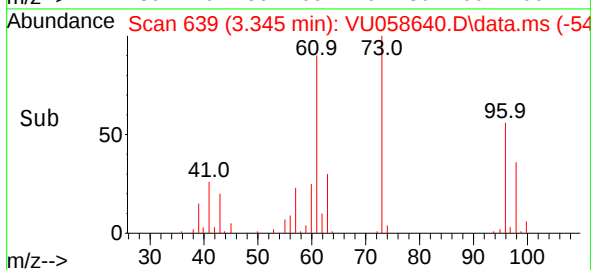
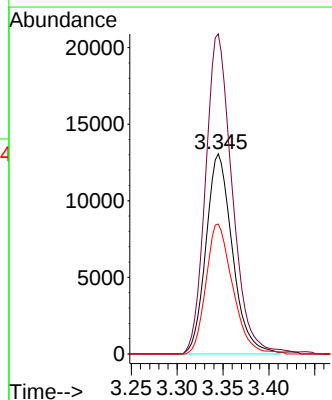
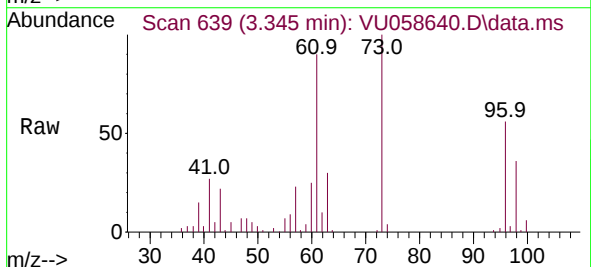
Instrument :
MSVOA_U
ClientSampleId :

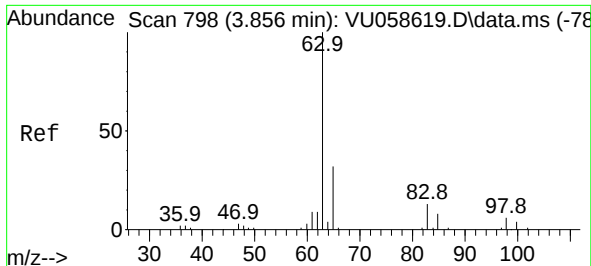
Tgt Ion: 73 Resp: 58734
Ion Ratio Lower Upper
73 100
43 22.3 17.4 26.2
57 24.0 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 4.446 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

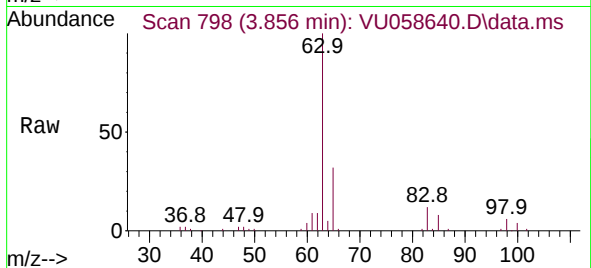
Tgt Ion: 96 Resp: 26217
Ion Ratio Lower Upper
96 100
61 159.8 107.6 199.8
98 64.9 45.1 83.7



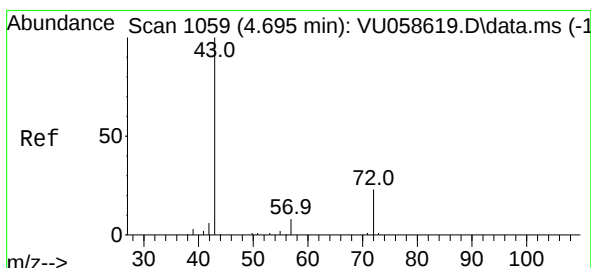
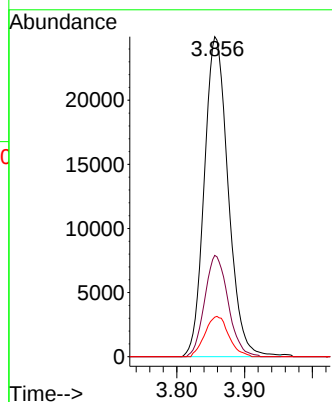
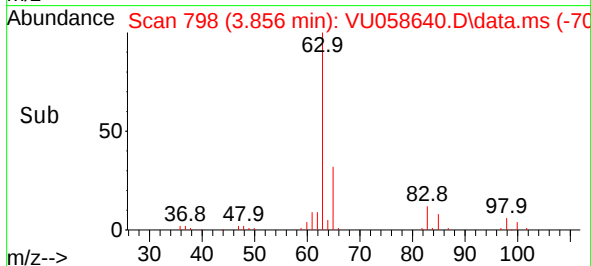


#19
1,1-Dichloroethane
Concen: 4.745 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

Instrument :
MSVOA_U
ClientSampleId :

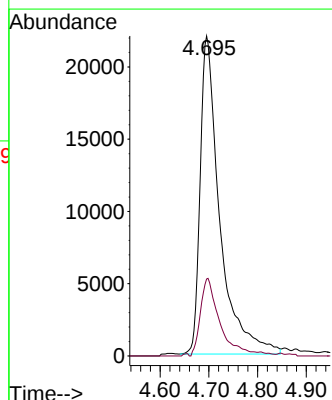
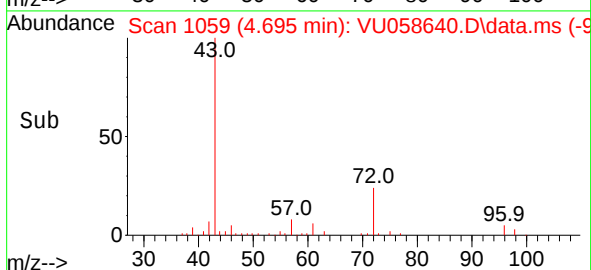
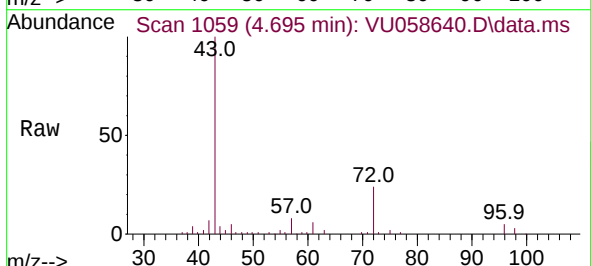


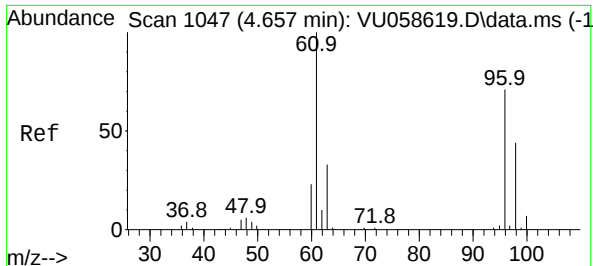
Tgt Ion: 63 Resp: 61075
Ion Ratio Lower Upper
63 100
65 31.7 22.9 42.5
83 12.4 9.6 17.8



#21
2-Butanone
Concen: 43.558 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

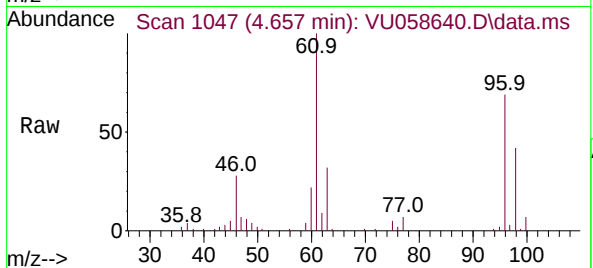
Tgt Ion: 43 Resp: 61557
Ion Ratio Lower Upper
43 100
72 24.0 11.7 35.0





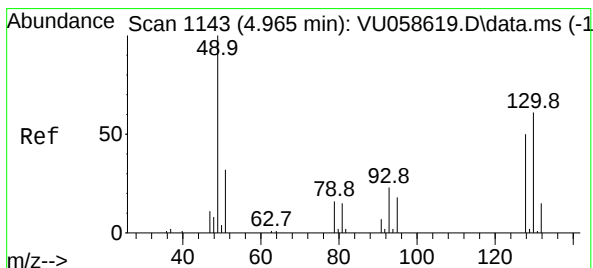
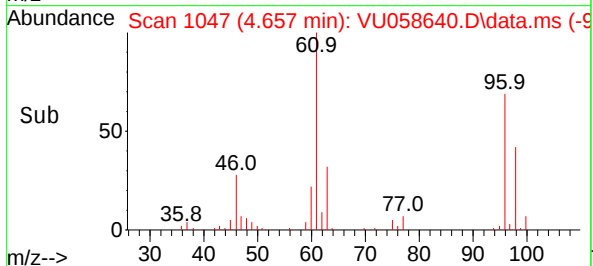
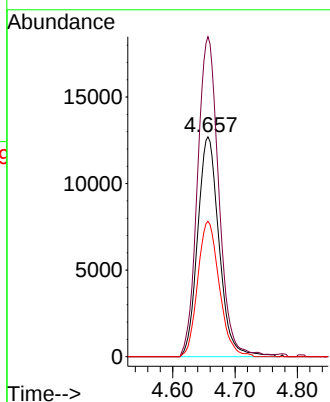
#22
cis-1,2-Dichloroethene
Concen: 4.579 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 30324

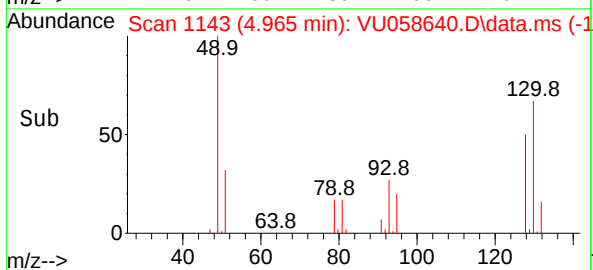
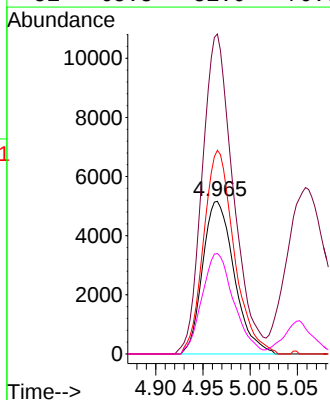
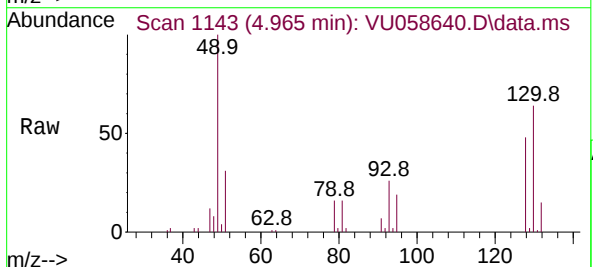
Ion	Ratio	Lower	Upper
96	100		
61	145.6	98.1	182.3
98	61.6	43.6	81.0

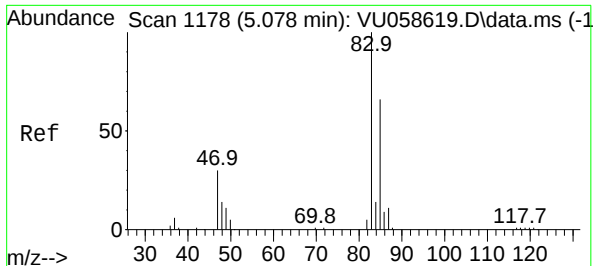


#23
Bromochloromethane
Concen: 4.590 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

Tgt Ion: 128 Resp: 11976

Ion	Ratio	Lower	Upper
128	100		
49	209.6	134.4	249.6
130	133.3	90.0	167.2
51	65.8	51.0	76.6





#25

Chloroform

Concen: 4.773 ug/L

RT: 5.075 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU058640.D

Acq: 12 Apr 2024 04:12

Instrument :

MSVOA_U

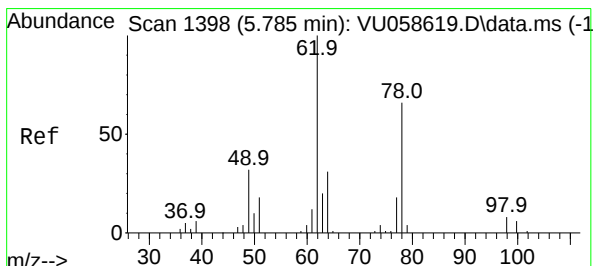
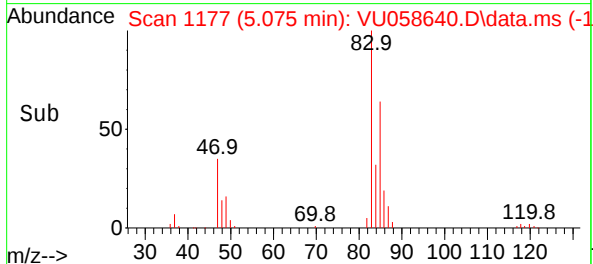
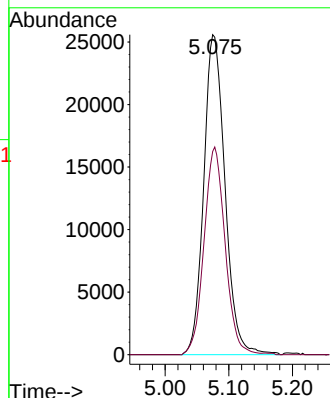
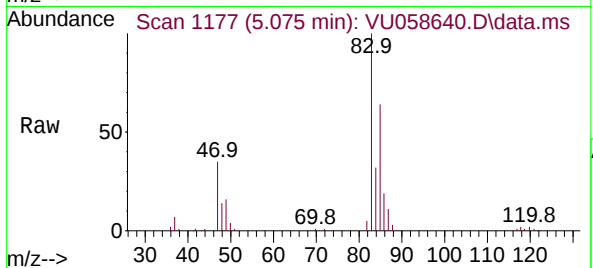
ClientSampleId :

Tgt Ion: 83 Resp: 59466

Ion Ratio Lower Upper

83 100

85 63.5 44.7 83.1



#27

1,2-Dichloroethane

Concen: 4.887 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU058640.D

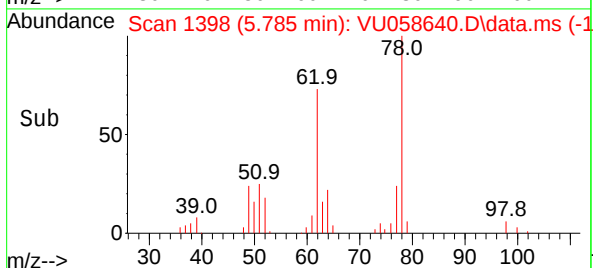
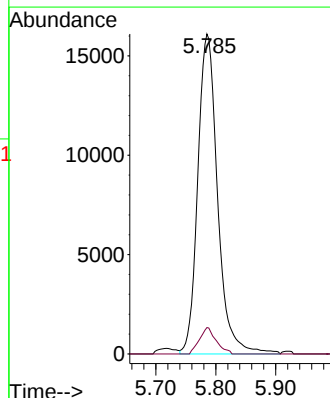
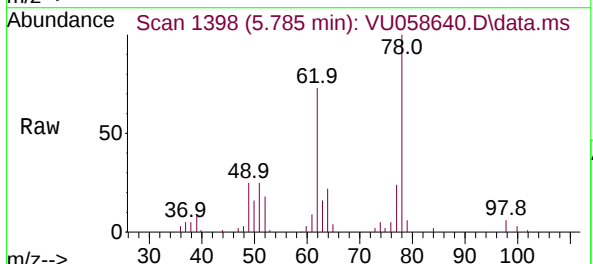
Acq: 12 Apr 2024 04:12

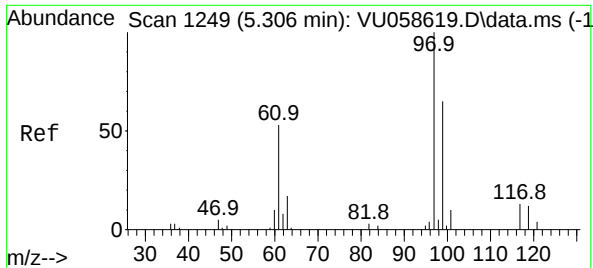
Tgt Ion: 62 Resp: 37076

Ion Ratio Lower Upper

62 100

98 8.3 7.0 10.4

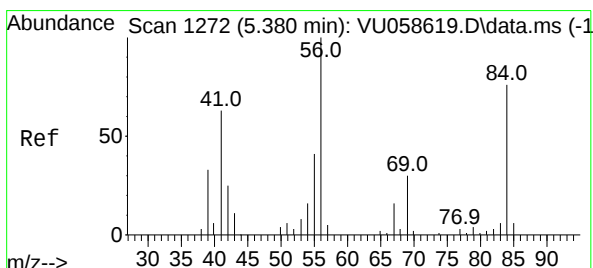
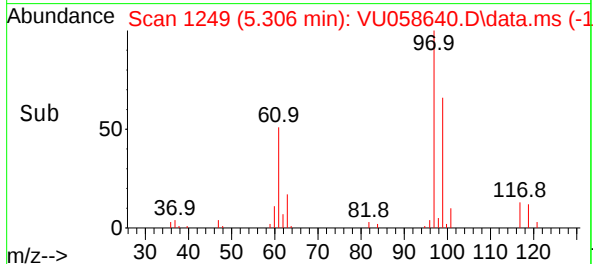
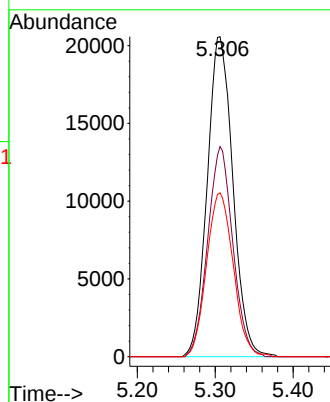
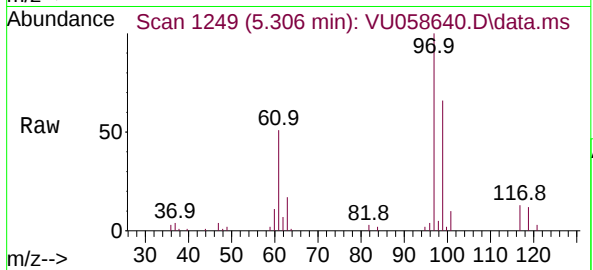




#29
1,1,1-Trichloroethane
Concen: 4.464 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

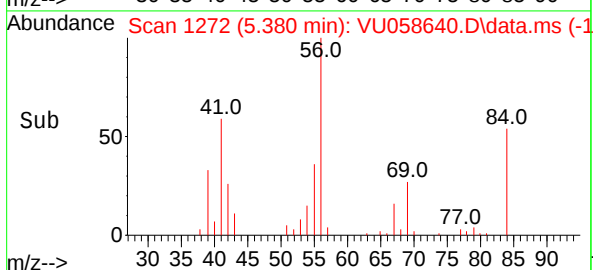
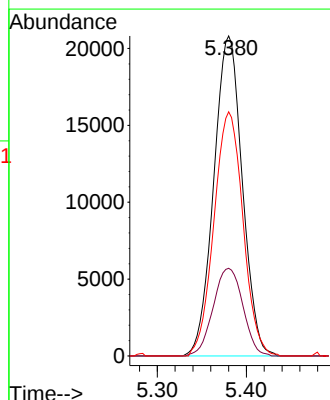
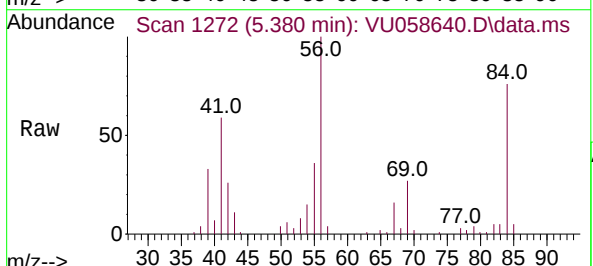
Instrument :
MSVOA_U
ClientSampleId :

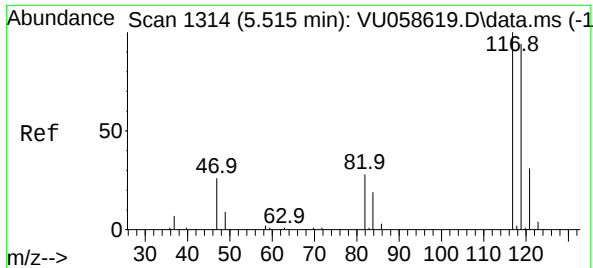
Tgt Ion:	97	Resp:	47104
Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.4	75.6
61	53.2	39.4	59.0



#30
Cyclohexane
Concen: 4.155 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

Tgt Ion:	56	Resp:	46303
Ion	Ratio	Lower	Upper
56	100		
69	28.5	23.2	34.8
84	77.6	63.3	94.9

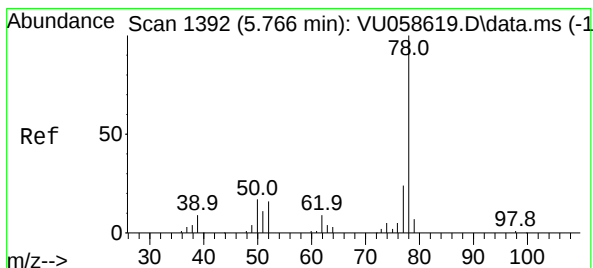
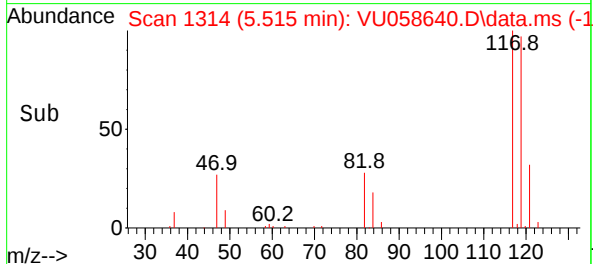
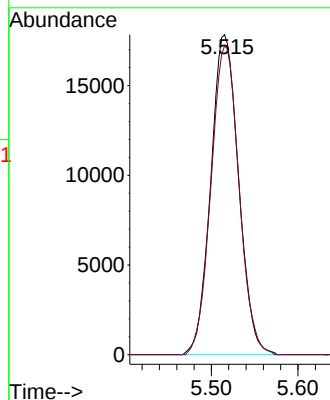
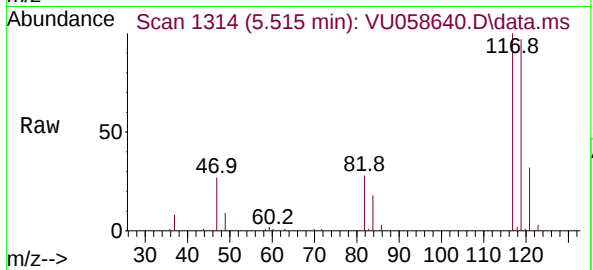




#31
Carbon tetrachloride
Concen: 4.451 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

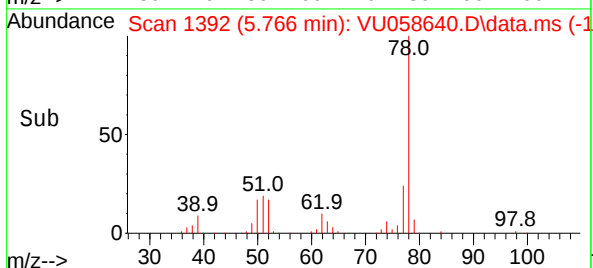
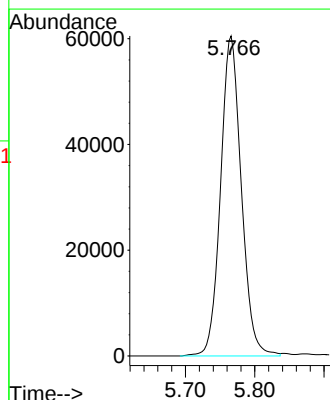
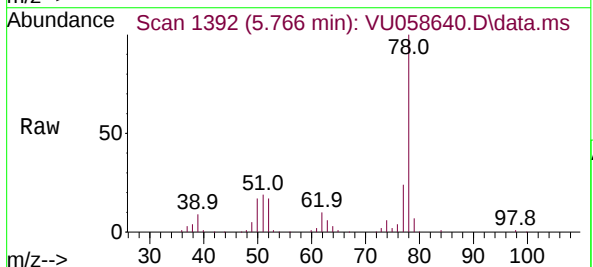
Instrument :
MSVOA_U
ClientSampleId :

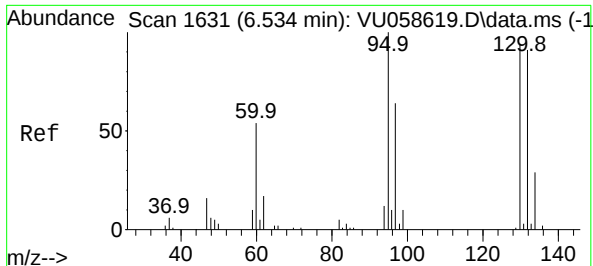
Tgt Ion:117 Resp: 39767
Ion Ratio Lower Upper
117 100
119 97.2 76.7 115.1



#33
Benzene
Concen: 4.417 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

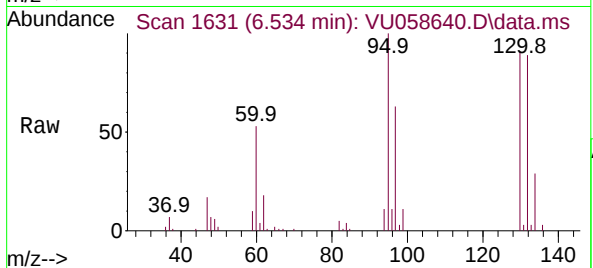
Tgt Ion: 78 Resp: 126016



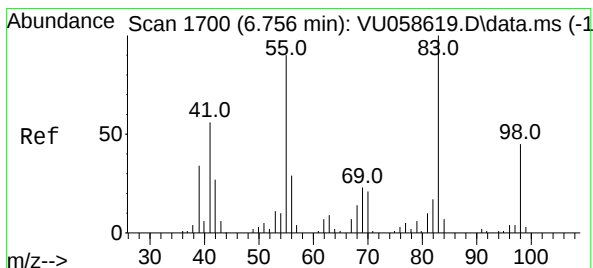
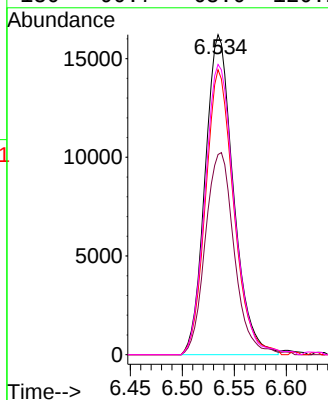
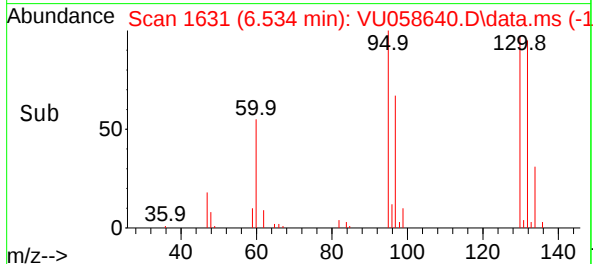


#34
Trichloroethene
Concen: 4.273 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

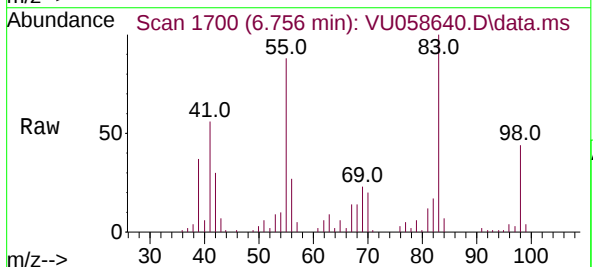
Instrument :
MSVOA_U
ClientSampleId :



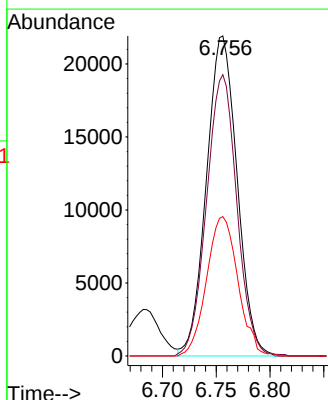
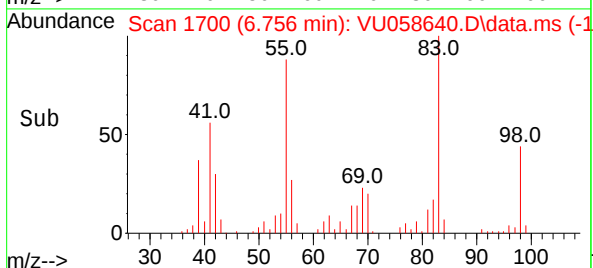
Tgt Ion: 95 Resp: 30727
Ion Ratio Lower Upper
95 100
97 62.6 45.6 84.6
132 89.0 64.8 120.3
130 90.7 68.0 126.2

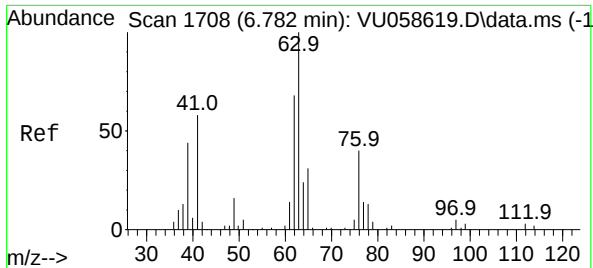


#35
Methylcyclohexane
Concen: 4.012 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12



Tgt Ion: 83 Resp: 43467
Ion Ratio Lower Upper
83 100
55 86.8 66.2 99.4
98 44.5 34.6 52.0

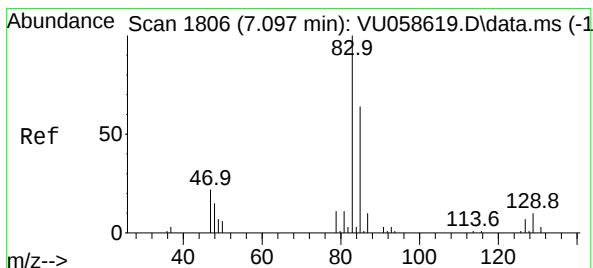
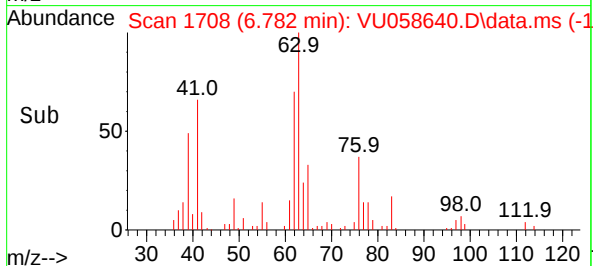
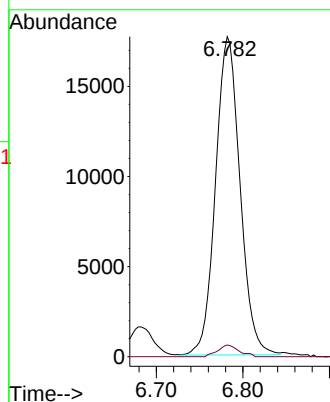
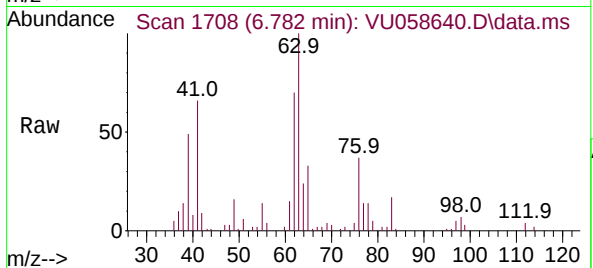




#37
1,2-Dichloropropane
Concen: 4.624 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

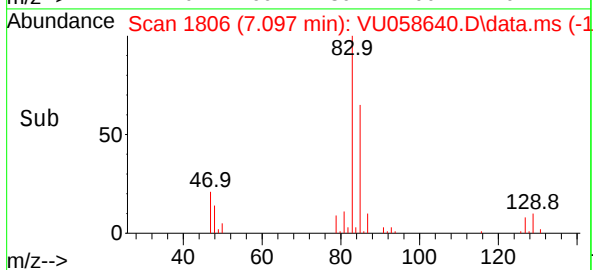
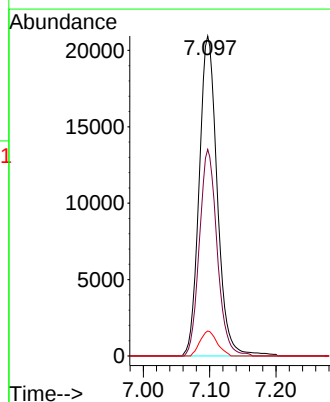
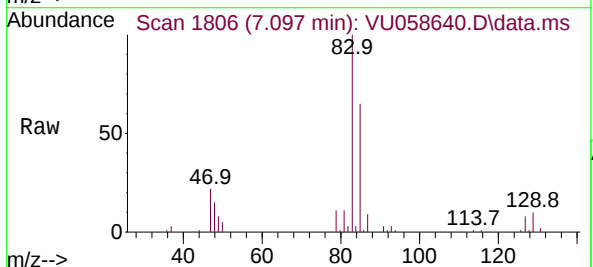
Instrument :
MSVOA_U
ClientSampleId :

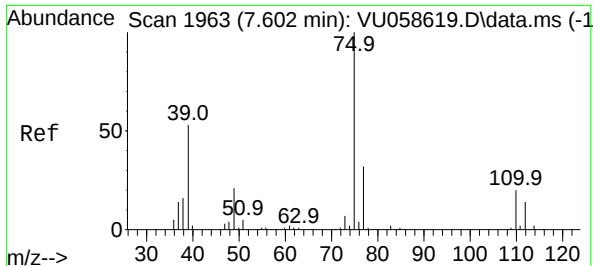
Tgt Ion: 63 Resp: 34704
Ion Ratio Lower Upper
63 100
112 3.1 2.6 4.0



#38
Bromodichloromethane
Concen: 4.628 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

Tgt Ion: 83 Resp: 39643
Ion Ratio Lower Upper
83 100
85 64.6 44.2 82.2
127 7.8 6.5 9.7

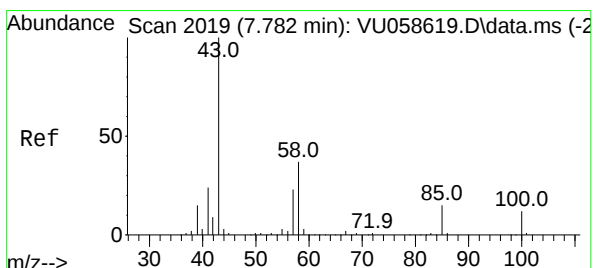
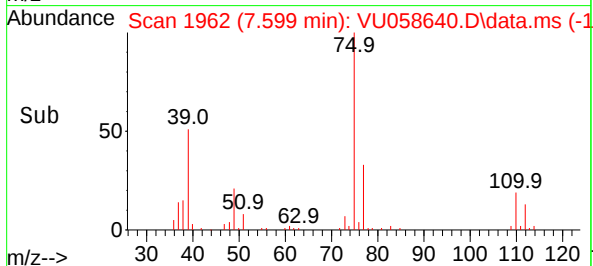
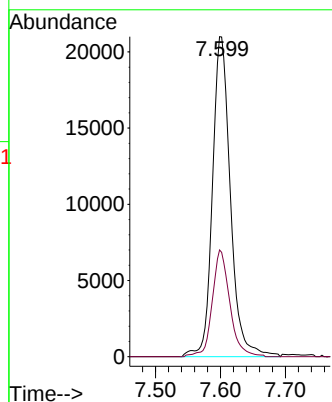
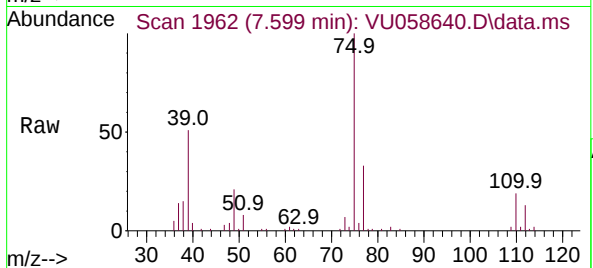




#39
 cis-1,3-Dichloropropene
 Concen: 4.231 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU058640.D
 Acq: 12 Apr 2024 04:12

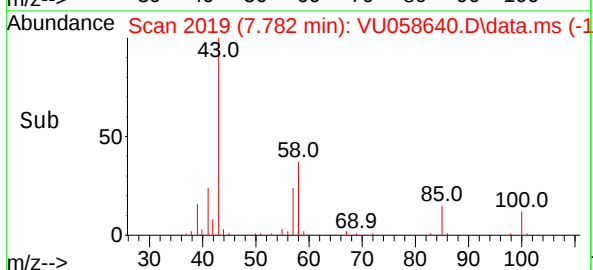
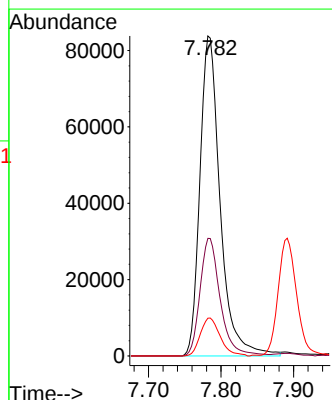
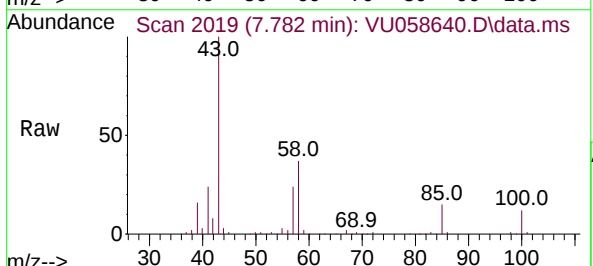
Instrument :
 MSVOA_U
 ClientSampleId :

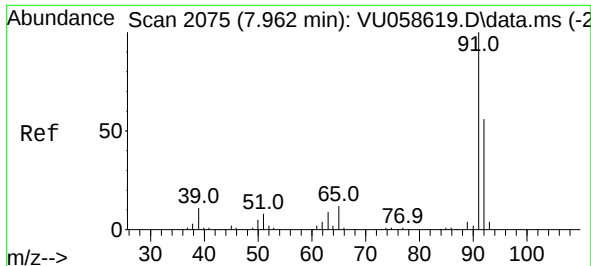
Tgt Ion: 75 Resp: 40380
 Ion Ratio Lower Upper
 75 100
 77 33.3 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 46.020 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU058640.D
 Acq: 12 Apr 2024 04:12

Tgt Ion: 43 Resp: 162574
 Ion Ratio Lower Upper
 43 100
 58 36.7 30.4 45.6
 100 11.6 10.3 15.5





#42

Toluene

Concen: 4.362 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058640.D

Acq: 12 Apr 2024 04:12

Instrument :

MSVOA_U

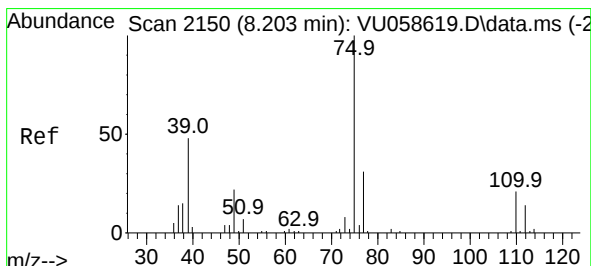
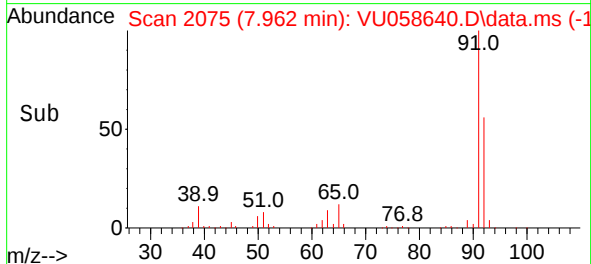
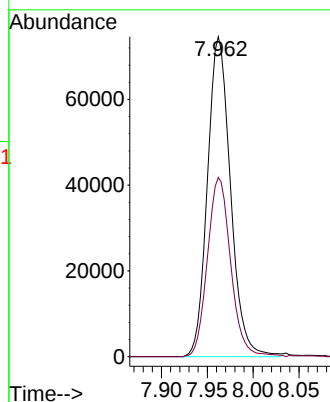
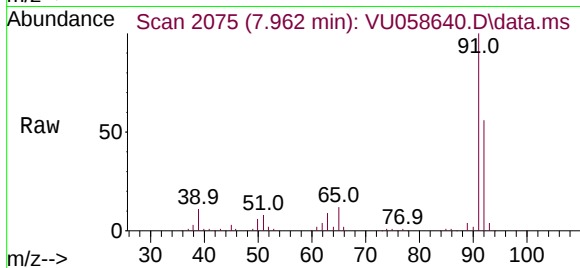
ClientSampleId :

Tgt Ion: 91 Resp: 130513

Ion Ratio Lower Upper

91 100

92 56.0 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 4.409 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU058640.D

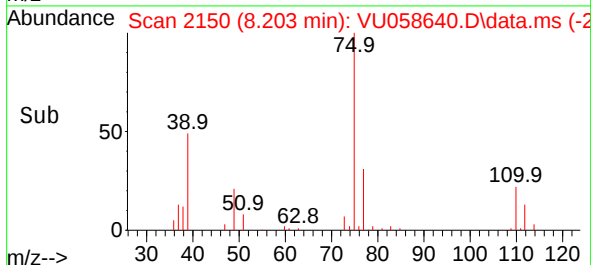
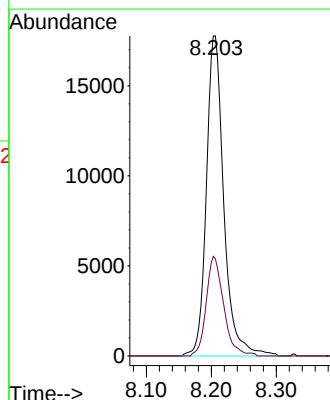
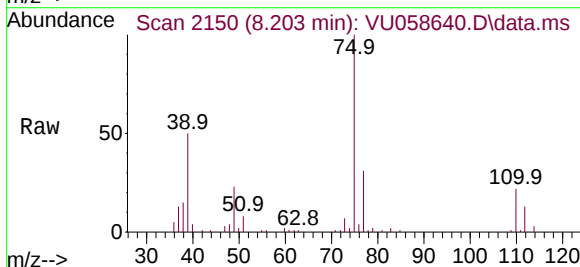
Acq: 12 Apr 2024 04:12

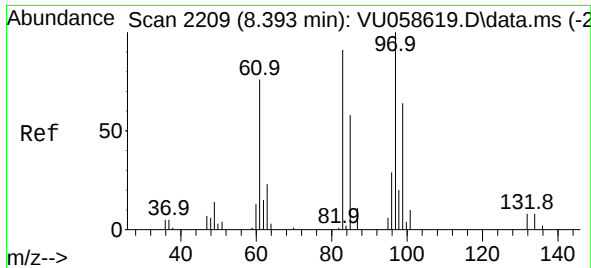
Tgt Ion: 75 Resp: 33187

Ion Ratio Lower Upper

75 100

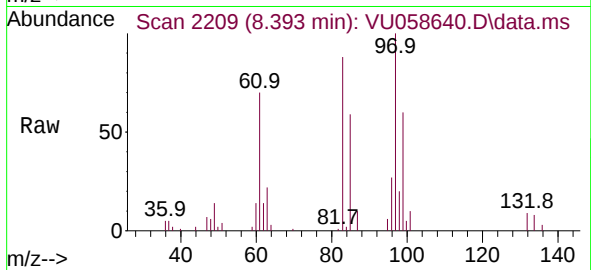
77 31.1 22.2 41.2



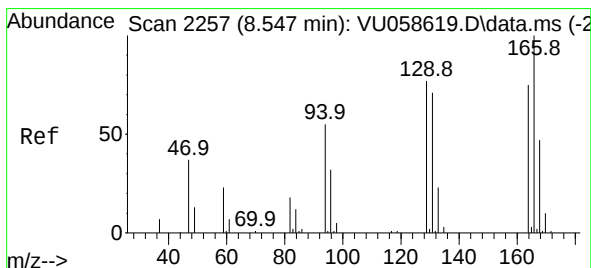
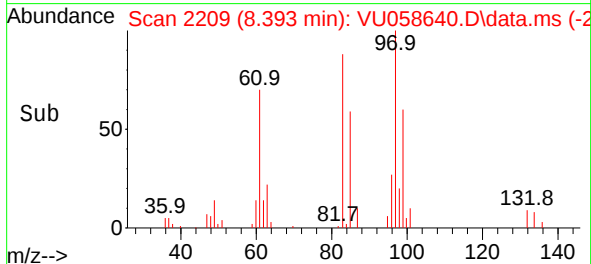
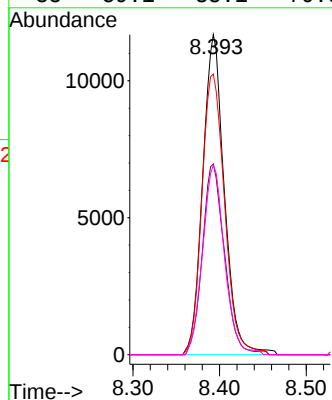


#45
1,1,2-Trichloroethane
Concen: 4.630 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

Instrument :
MSVOA_U
ClientSampleId :

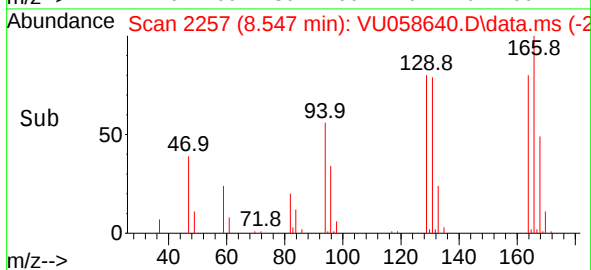
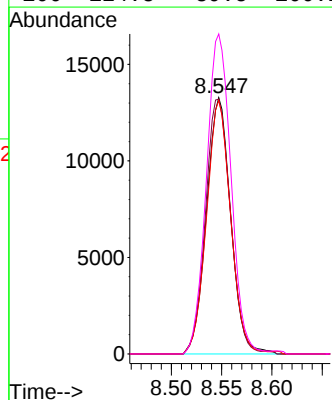
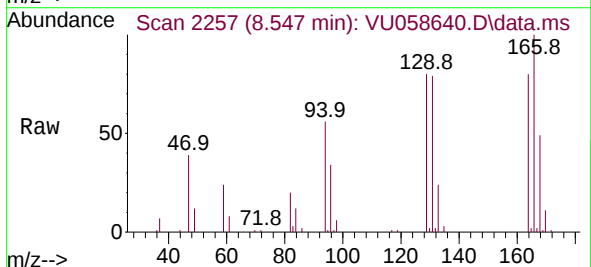


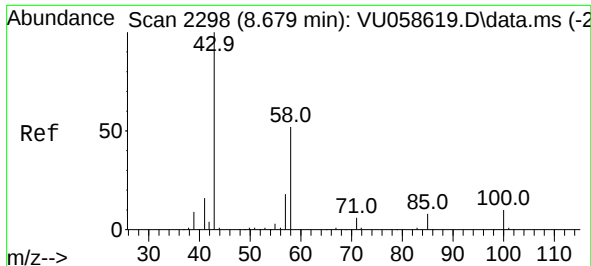
Tgt Ion:	97	Resp:	20295
Ion	Ratio	Lower	Upper
97	100		
99	59.6	43.7	81.1
83	87.7	64.5	119.7
85	59.1	38.1	70.9



#47
Tetrachloroethene
Concen: 4.238 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

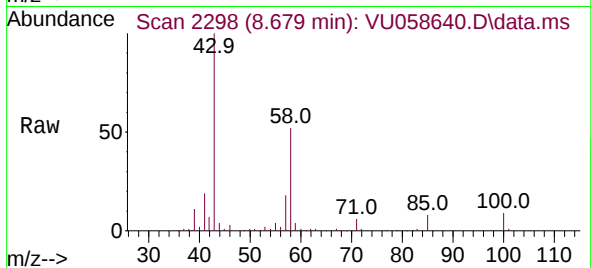
Tgt Ion:	164	Resp:	22342
Ion	Ratio	Lower	Upper
164	100		
129	99.5	67.3	125.1
131	98.9	65.5	121.6
166	124.8	89.5	166.1





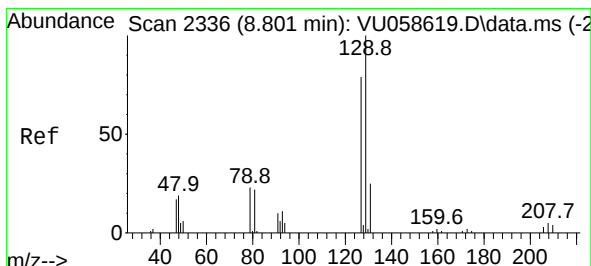
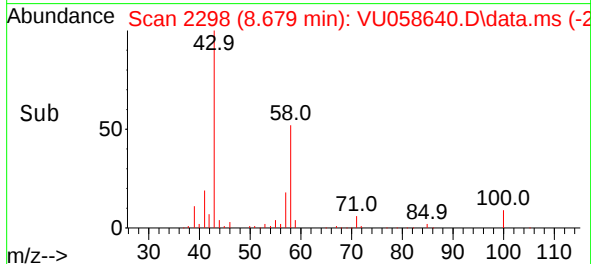
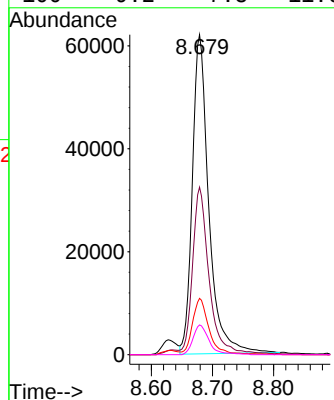
#48
2-Hexanone
Concen: 46.159 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 115762

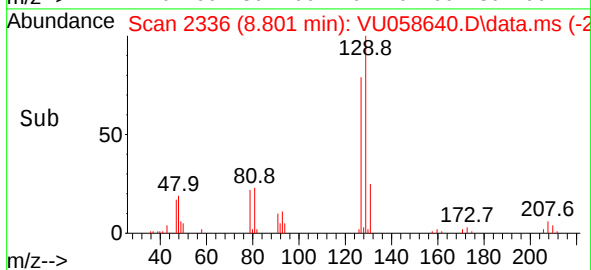
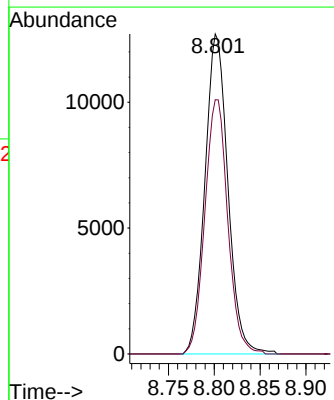
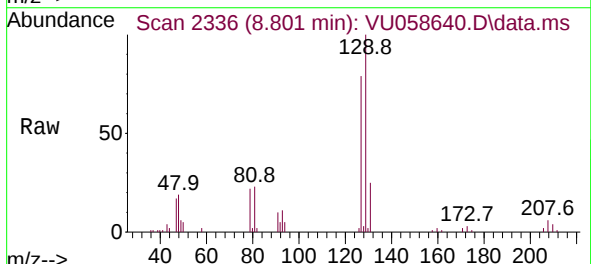
Ion	Ratio	Lower	Upper
43	100		
58	52.6	43.2	64.8
57	17.4	15.4	23.0
100	9.2	7.8	11.6

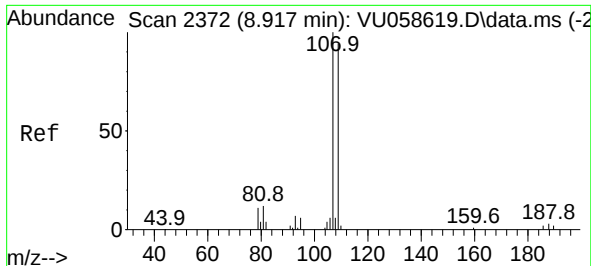


#49
Dibromochloromethane
Concen: 4.380 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

Tgt Ion: 129 Resp: 22199

Ion	Ratio	Lower	Upper
129	100		
127	79.5	53.5	99.5





#50

1,2-Dibromoethane

Concen: 4.405 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

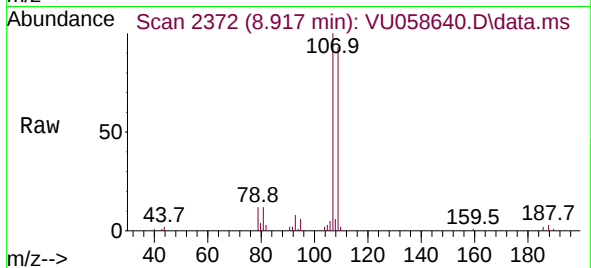
Lab File: VU058640.D

Acq: 12 Apr 2024 04:12

Instrument :

MSVOA_U

ClientSampleId :



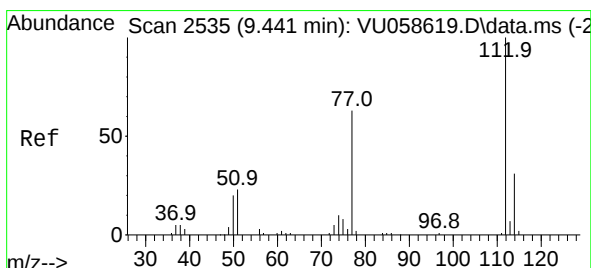
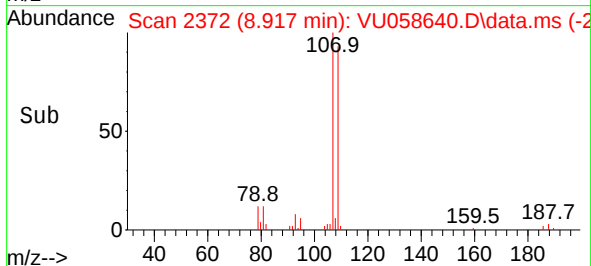
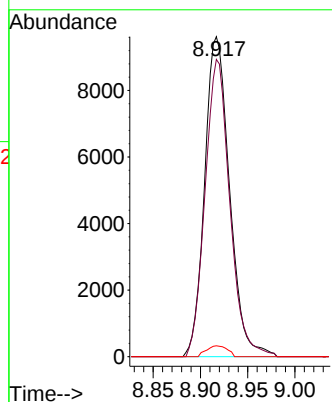
Tgt Ion:107 Resp: 17659

Ion Ratio Lower Upper

107 100

109 92.9 67.3 124.9

188 3.4 2.5 3.7



#51

Chlorobenzene

Concen: 4.303 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU058640.D

Acq: 12 Apr 2024 04:12

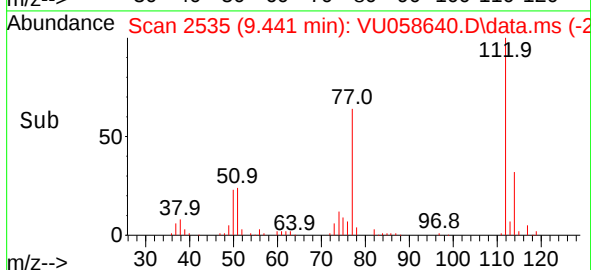
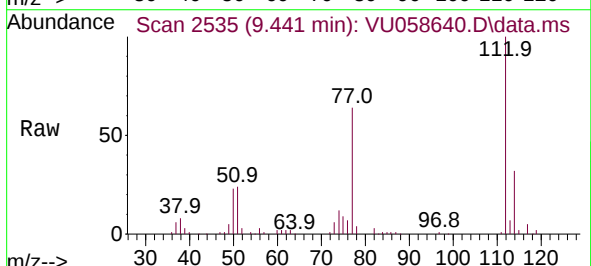
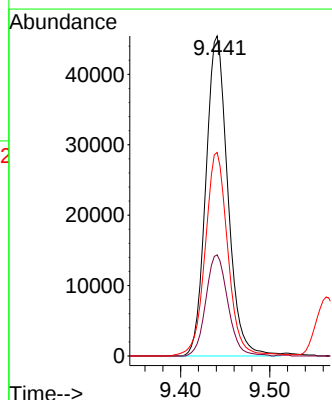
Tgt Ion:112 Resp: 77909

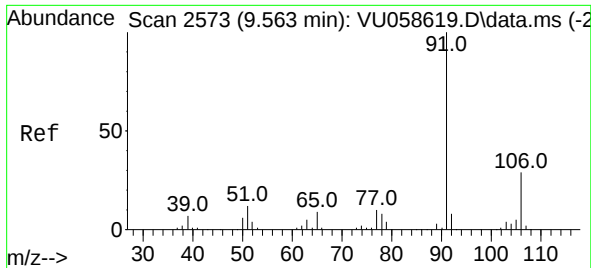
Ion Ratio Lower Upper

112 100

114 31.6 22.4 41.6

77 63.6 50.1 75.1

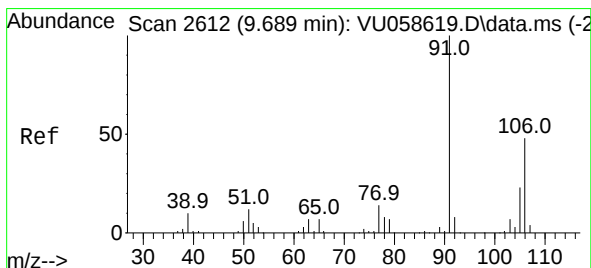
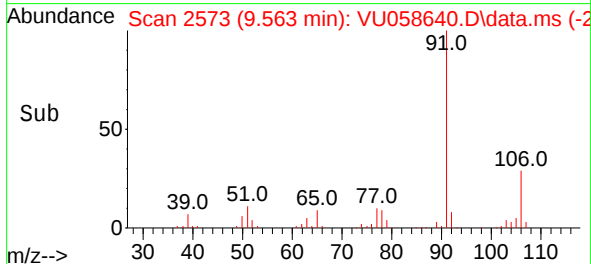
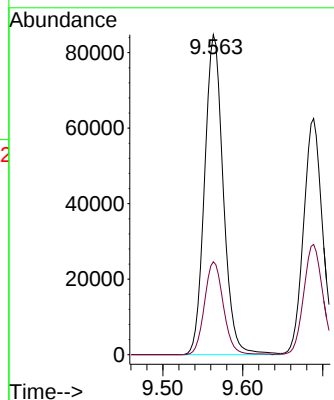
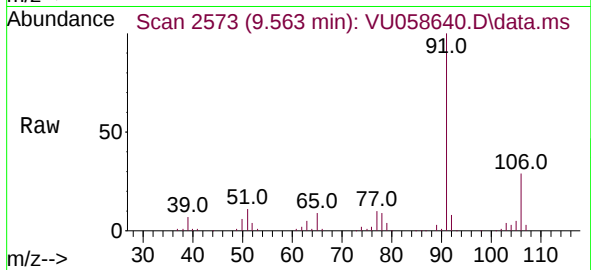




#52
Ethylbenzene
Concen: 4.352 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

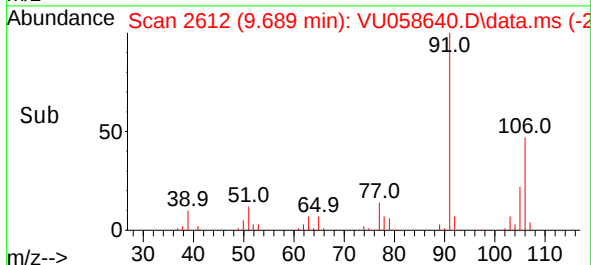
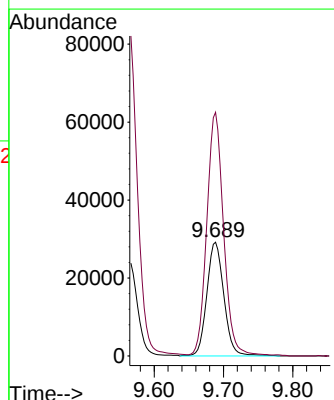
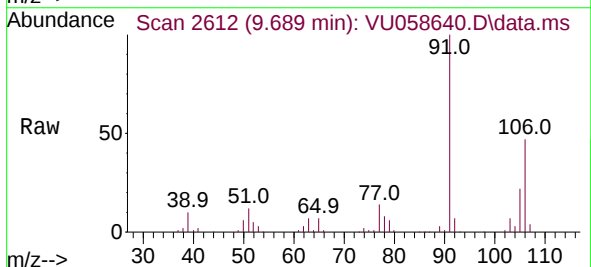
Instrument :
MSVOA_U
ClientSampleId :

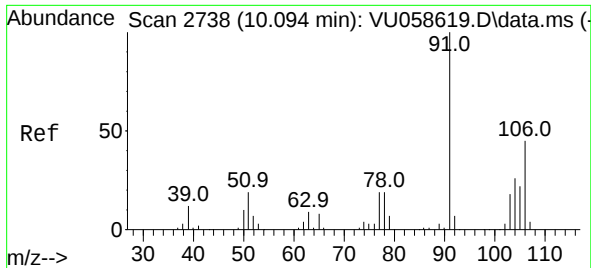
Tgt Ion: 91 Resp: 137941
Ion Ratio Lower Upper
91 100
106 29.0 20.6 38.4



#53
m,p-Xylene
Concen: 4.378 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

Tgt Ion:106 Resp: 49700
Ion Ratio Lower Upper
106 100
91 214.2 147.8 274.4

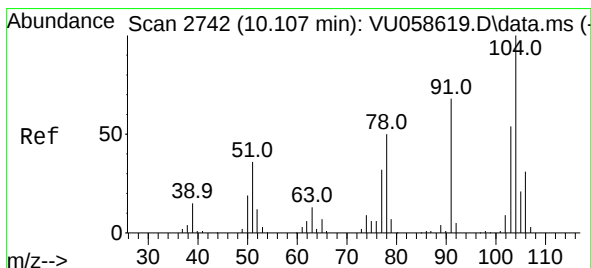
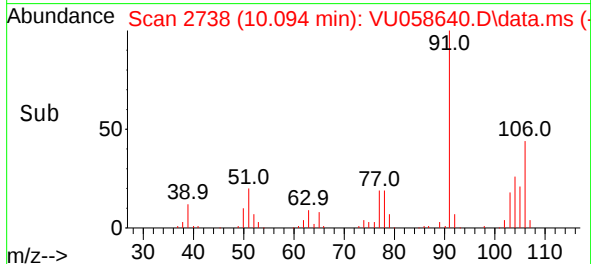
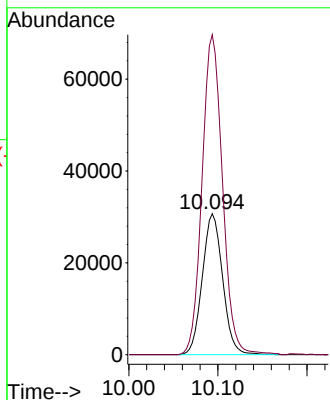
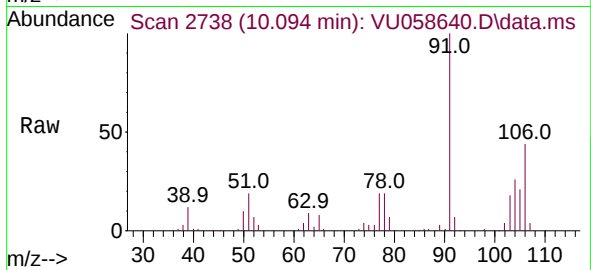




#54
o-Xylene
Concen: 4.370 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

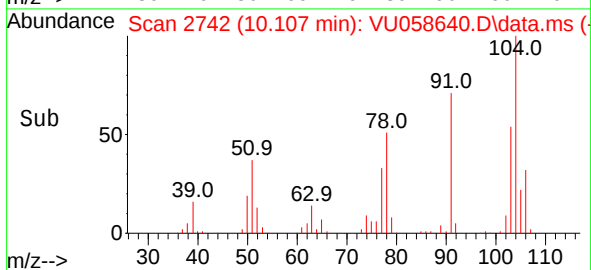
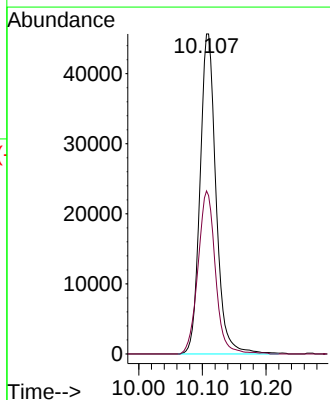
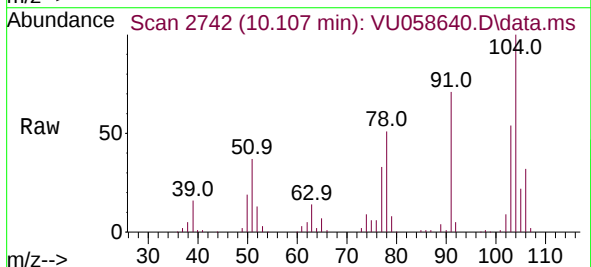
Instrument :
MSVOA_U
ClientSampleId :

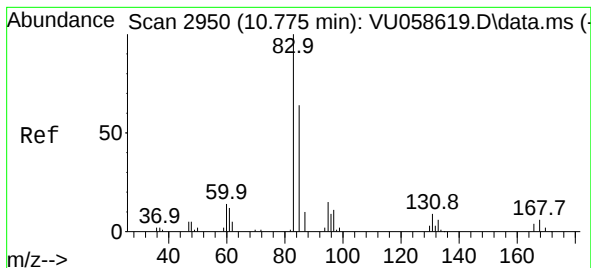
Tgt Ion:106 Resp: 48632
Ion Ratio Lower Upper
106 100
91 227.1 156.9 291.5



#55
Styrene
Concen: 4.462 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

Tgt Ion:104 Resp: 79883
Ion Ratio Lower Upper
104 100
78 50.9 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 4.519 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058640.D

Acq: 12 Apr 2024 04:12

Instrument :

MSVOA_U

ClientSampleId :

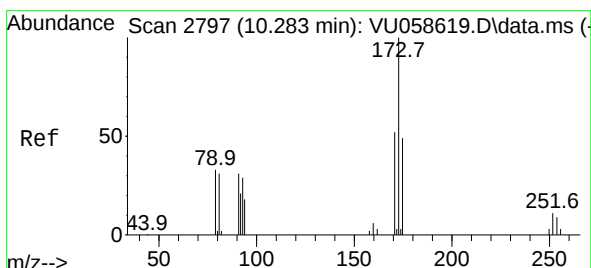
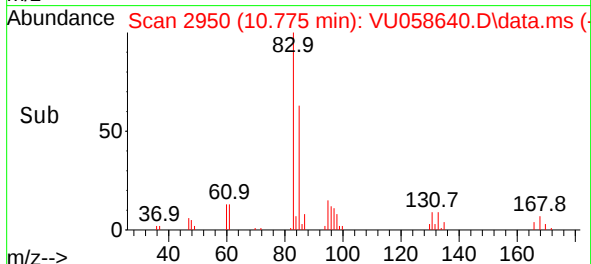
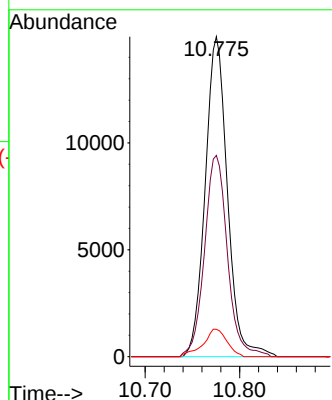
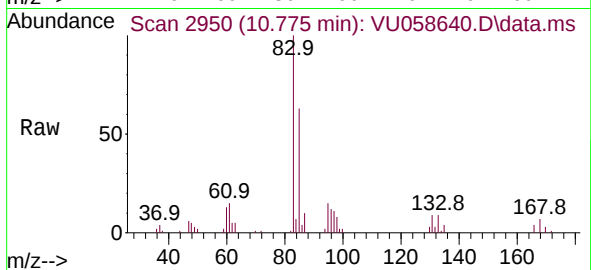
Tgt Ion: 83 Resp: 24434

Ion Ratio Lower Upper

83 100

85 62.9 45.1 83.7

131 8.5 6.9 10.3



#59

Bromoform

Concen: 4.419 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU058640.D

Acq: 12 Apr 2024 04:12

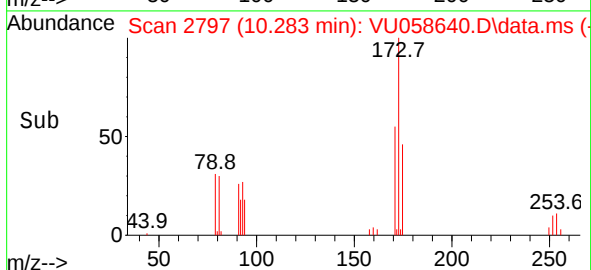
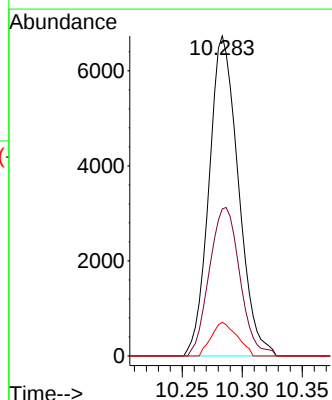
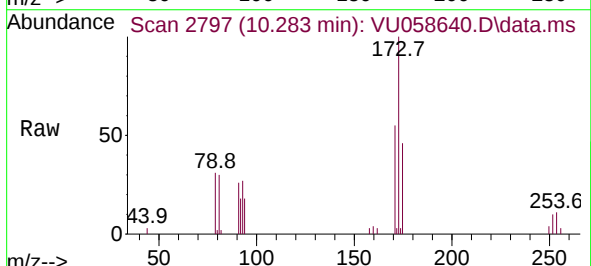
Tgt Ion:173 Resp: 11428

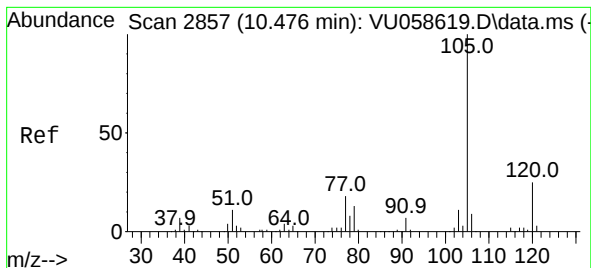
Ion Ratio Lower Upper

173 100

175 48.4 38.0 57.0

254 9.2 7.5 11.3





#60

Isopropylbenzene

Concen: 4.347 ug/L

RT: 10.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU058640.D

Acq: 12 Apr 2024 04:12

Instrument :

MSVOA_U

ClientSampleId :

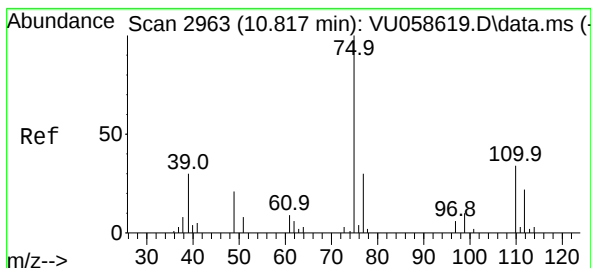
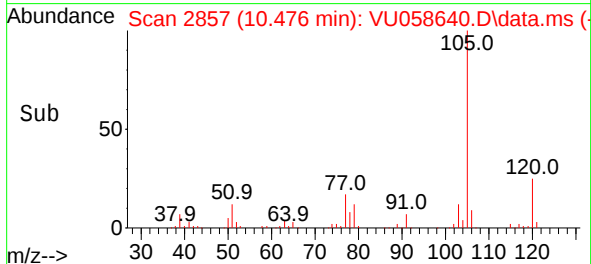
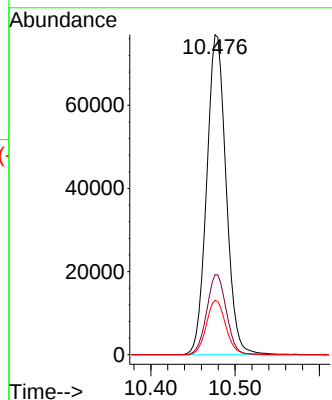
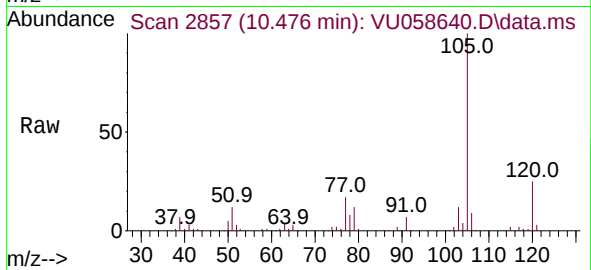
Tgt Ion:105 Resp: 123176

Ion Ratio Lower Upper

105 100

120 25.3 20.2 30.4

77 17.0 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 4.390 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU058640.D

Acq: 12 Apr 2024 04:12

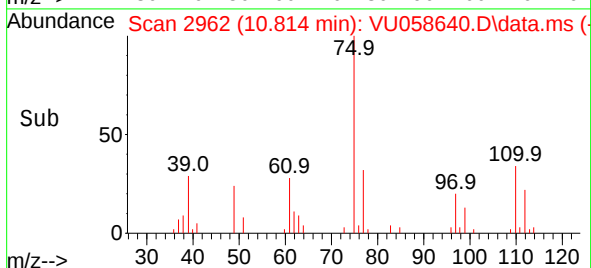
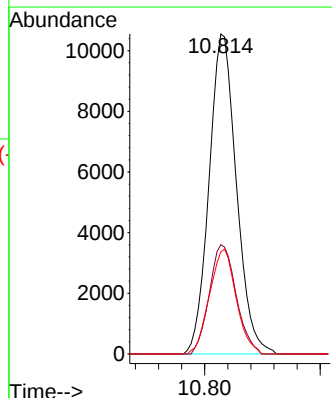
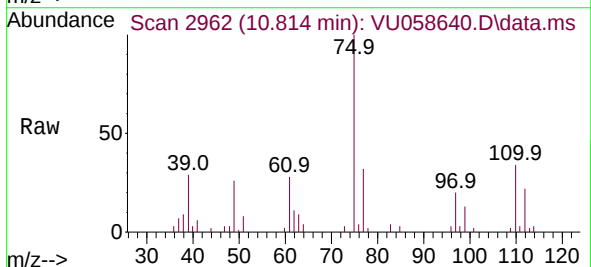
Tgt Ion: 75 Resp: 17339

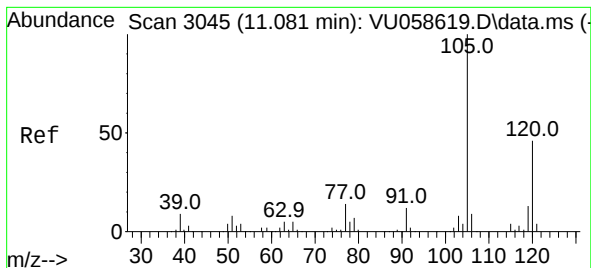
Ion Ratio Lower Upper

75 100

110 33.5 25.8 38.6

77 31.9 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 4.244 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU058640.D

Acq: 12 Apr 2024 04:12

Instrument :

MSVOA_U

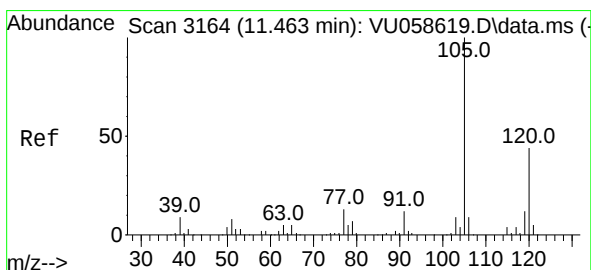
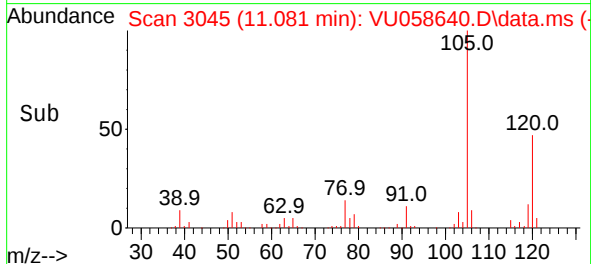
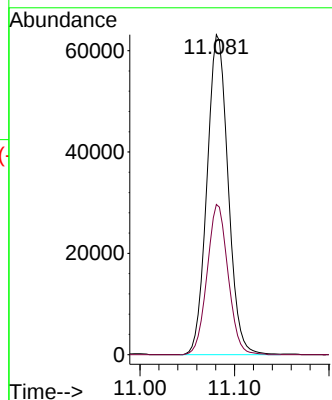
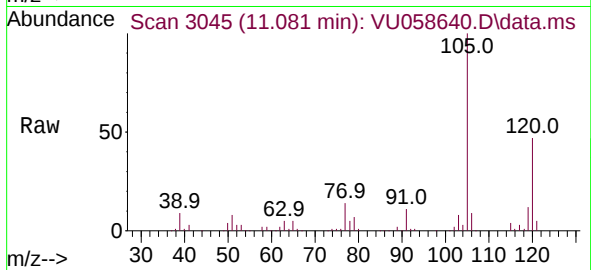
ClientSampleId :

Tgt Ion:105 Resp: 98079

Ion Ratio Lower Upper

105 100

120 46.6 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 4.284 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU058640.D

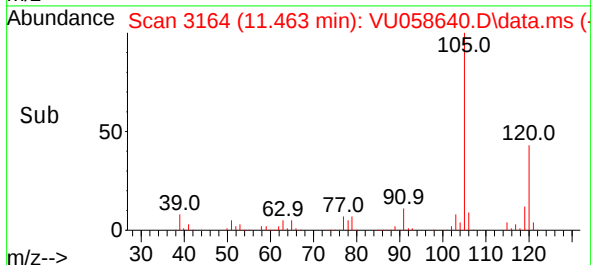
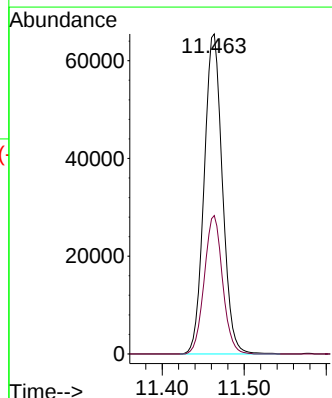
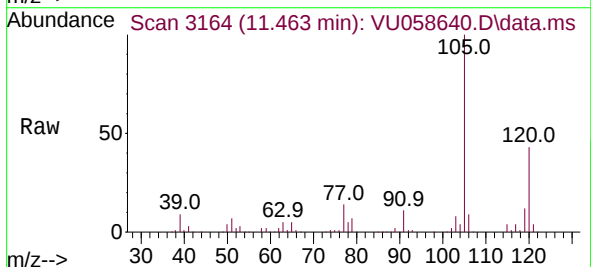
Acq: 12 Apr 2024 04:12

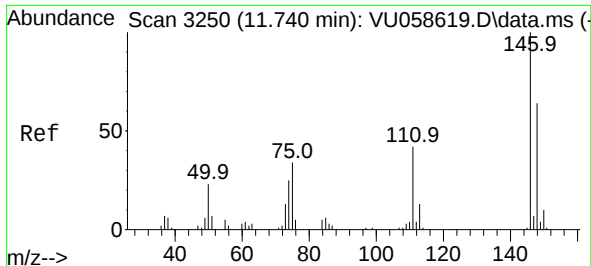
Tgt Ion:105 Resp: 101073

Ion Ratio Lower Upper

105 100

120 43.3 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 4.185 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU058640.D

Acq: 12 Apr 2024 04:12

Instrument :

MSVOA_U

ClientSampleId :

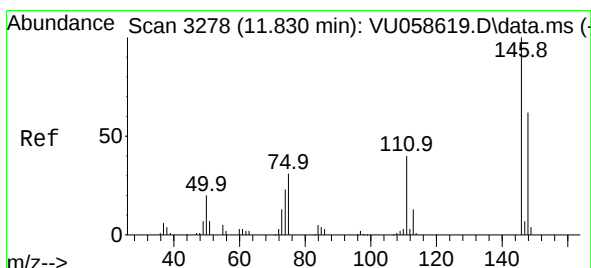
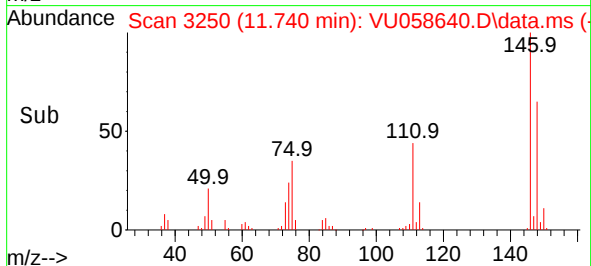
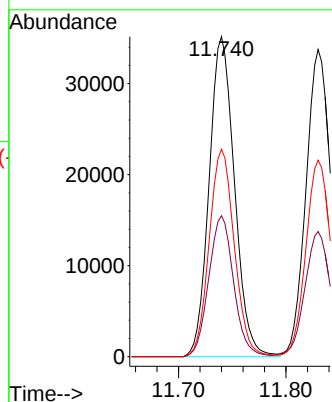
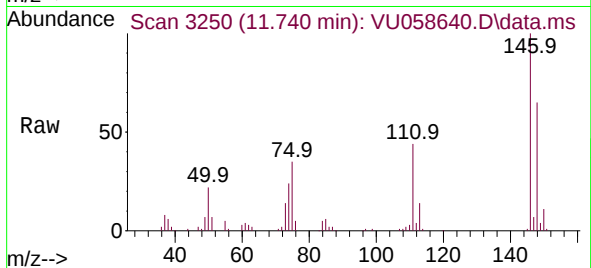
Tgt Ion:146 Resp: 57600

Ion Ratio Lower Upper

146 100

111 44.1 28.8 53.4

148 64.8 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 4.129 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU058640.D

Acq: 12 Apr 2024 04:12

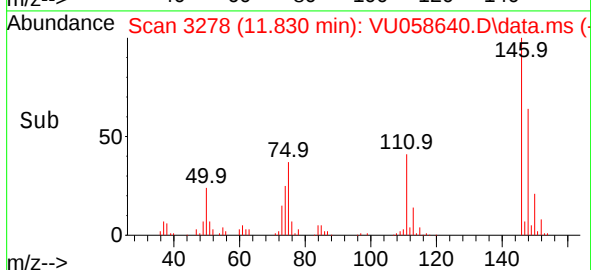
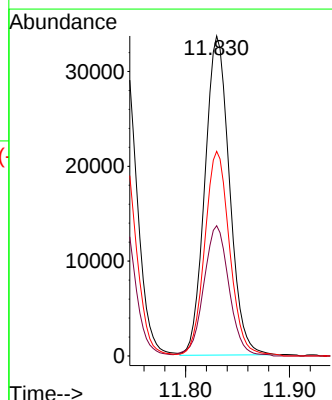
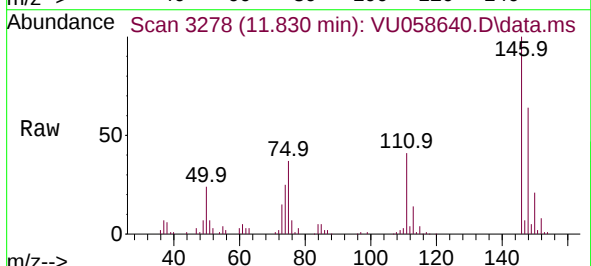
Tgt Ion:146 Resp: 55372

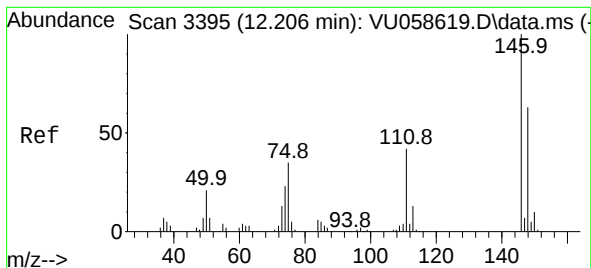
Ion Ratio Lower Upper

146 100

111 40.7 28.8 53.6

148 64.0 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.267 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU058640.D

Acq: 12 Apr 2024 04:12

Instrument :

MSVOA_U

ClientSampleId :

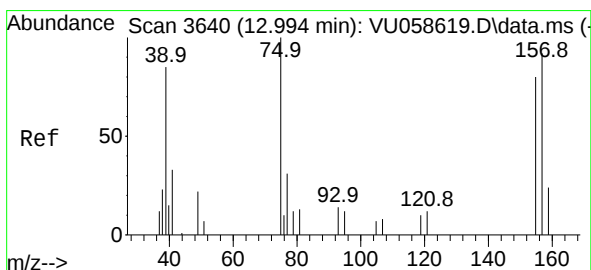
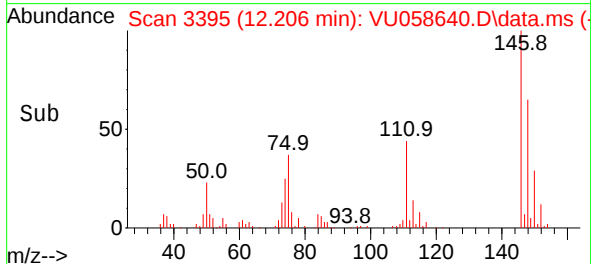
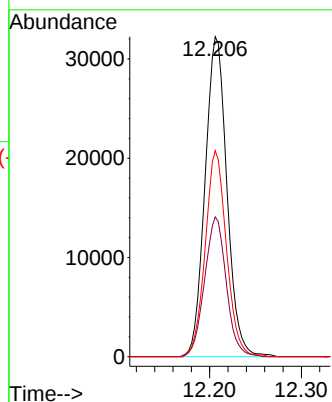
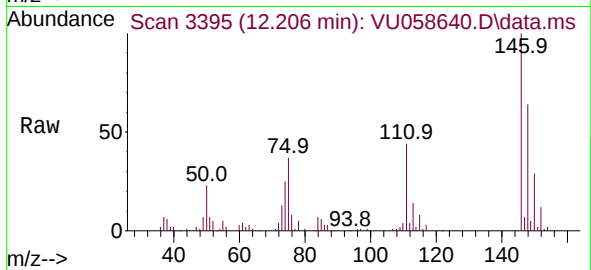
Tgt Ion:146 Resp: 53428

Ion Ratio Lower Upper

146 100

111 43.7 35.0 52.4

148 64.4 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.869 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU058640.D

Acq: 12 Apr 2024 04:12

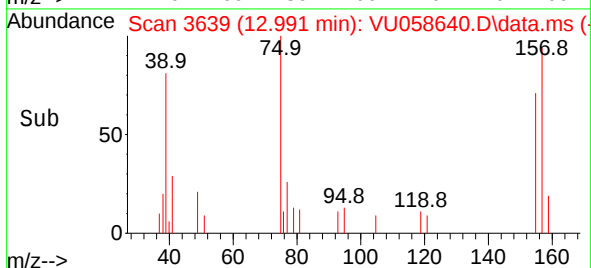
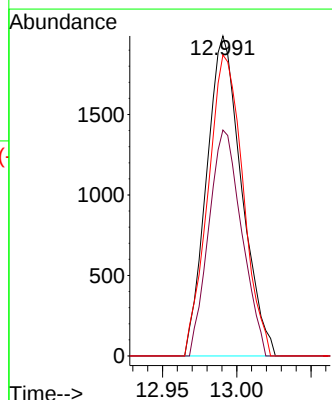
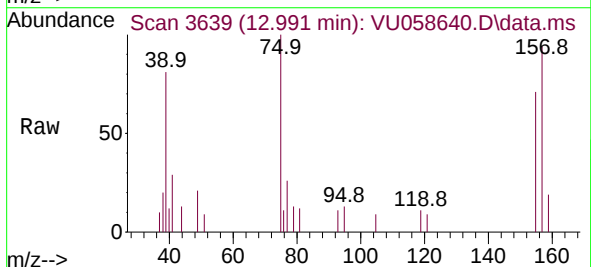
Tgt Ion: 75 Resp: 3261

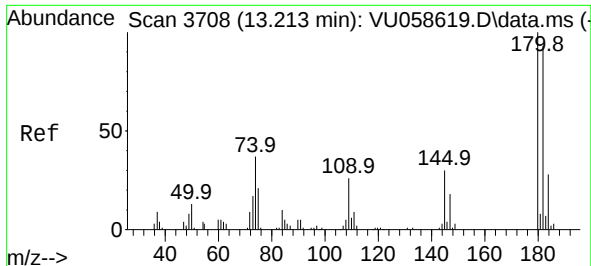
Ion Ratio Lower Upper

75 100

155 70.6 61.4 92.0

157 94.1 81.7 122.5





#69

1,3,5-Trichlorobenzene

Concen: 3.941 ug/L

RT: 13.213 min Scan# 31

Delta R.T. -0.000 min

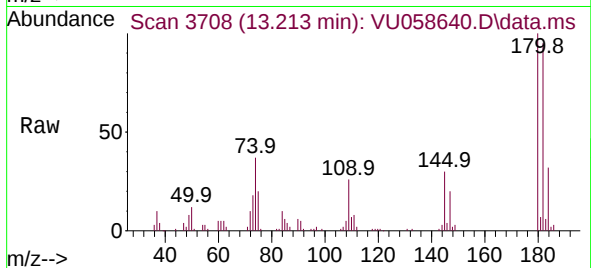
Lab File: VU058640.D

Acq: 12 Apr 2024 04:12

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 40117

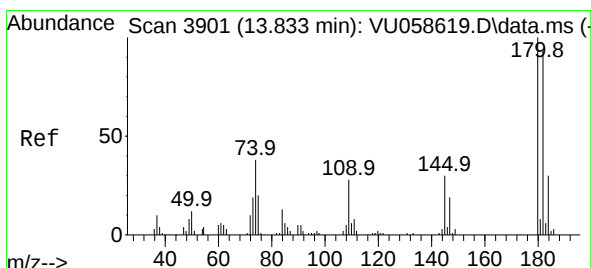
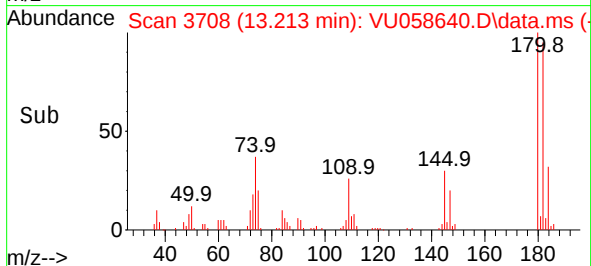
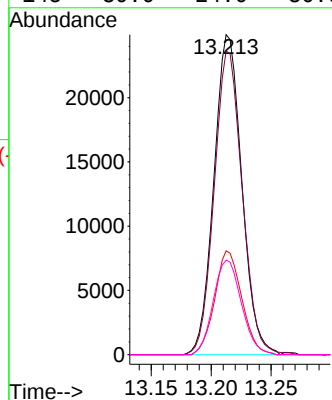
Ion Ratio Lower Upper

180 100

182 95.3 75.7 113.5

184 31.5 24.3 36.5

145 30.0 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 3.479 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU058640.D

Acq: 12 Apr 2024 04:12

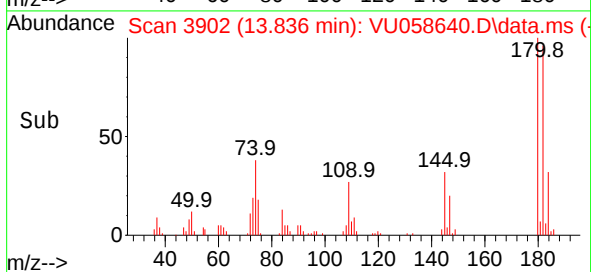
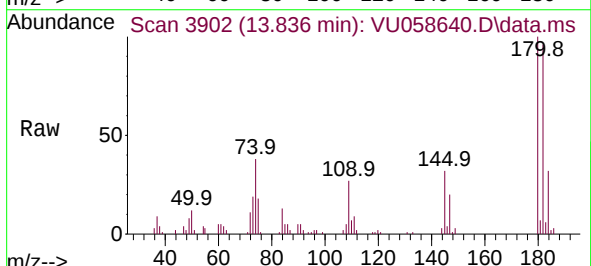
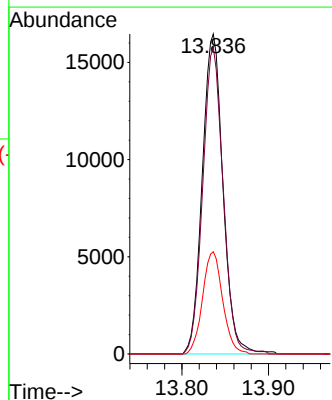
Tgt Ion:180 Resp: 27305

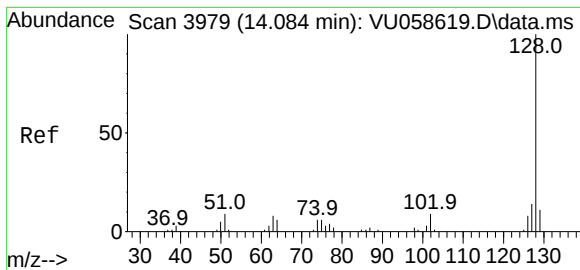
Ion Ratio Lower Upper

180 100

182 94.3 74.4 111.6

145 31.0 24.1 36.1

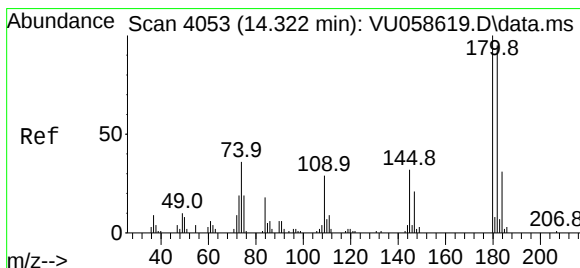
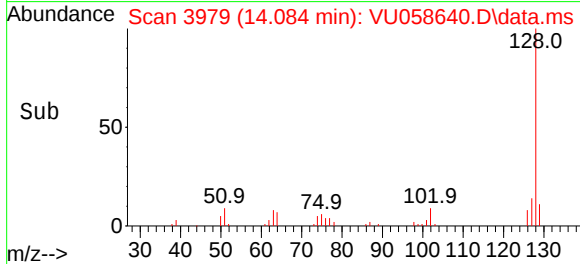
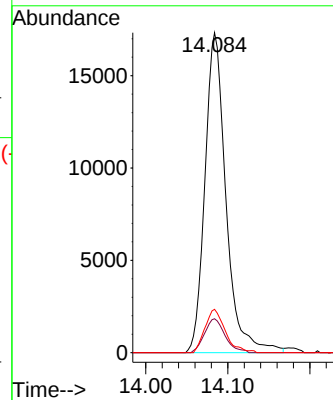
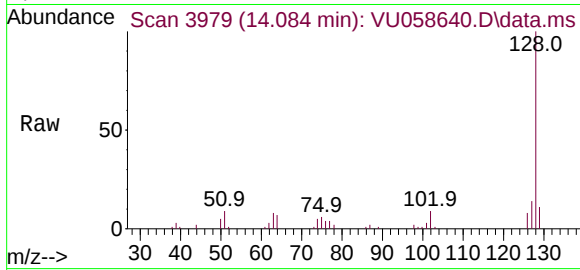




#71
Naphthalene
Concen: 2.871 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 30882
Ion Ratio Lower Upper
128 100
129 10.3 8.6 13.0
127 13.1 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 3.524 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU058640.D
Acq: 12 Apr 2024 04:12

Tgt Ion:180 Resp: 22841
Ion Ratio Lower Upper
180 100
182 93.3 75.9 113.9
145 33.0 25.2 37.8

