

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058573.D
 Acq On : 10 Apr 2024 20:27
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 11 01:34:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 11 01:28:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	86916	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	83892	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	41669	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24058	4.181	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.907	69	23054	4.610	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.560	65	11609	4.457	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.618	46	49315	40.666	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.340%
24) Chloroform-d	5.052	84	51036	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.692	65	23409	4.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.718	84	99022	4.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.682	67	30267	4.273	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.891	98	90214	4.504	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.174	79	9272	4.217	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.627	63	36991	40.791	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.580%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19746	3.949	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	26855	3.827	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	29218	4.033	ug/L	98
3) Chloromethane	1.515	50	36340	4.099	ug/L	99
5) Vinyl chloride	1.599	62	36775	4.153	ug/L	100
6) Bromomethane	1.853	94	14288	3.411	ug/L	97
8) Chloroethane	1.927	64	25633	4.582	ug/L	96
9) Trichlorofluoromethane	2.133	101	49499	4.233	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	29788	4.287	ug/L	97
12) 1,1-Dichloroethene	2.573	96	26358	4.279	ug/L	96
13) Acetone	2.628	43	38960	37.641	ug/L	98
14) Carbon disulfide	2.785	76	80115	4.095	ug/L	99
15) Methyl Acetate	2.946	43	11585	4.744	ug/L	97
16) Methylene chloride	3.036	84	32252	3.945	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	62053	4.265	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	27797	4.306	ug/L	95
19) 1,1-Dichloroethane	3.856	63	64266	4.561	ug/L	98
21) 2-Butanone	4.698	43	64854	41.922	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	32845	4.530	ug/L	97
23) Bromochloromethane	4.965	128	13289	4.652	ug/L	98
25) Chloroform	5.078	83	62974	4.617	ug/L	99

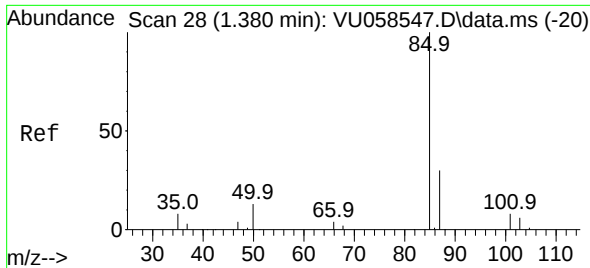
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058573.D
 Acq On : 10 Apr 2024 20:27
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Quant Time: Apr 11 01:34:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 11 01:28:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	38307	4.613	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	49922	4.438	ug/L	98
30) Cyclohexane	5.380	56	49033	4.128	ug/L	99
31) Carbon tetrachloride	5.515	117	42206	4.431	ug/L	100
33) Benzene	5.766	78	135646	4.460	ug/L	100
34) Trichloroethene	6.534	95	33320	4.347	ug/L	96
35) Methylcyclohexane	6.756	83	47758	4.135	ug/L	96
37) 1,2-Dichloropropane	6.782	63	36856	4.606	ug/L	100
38) Bromodichloromethane	7.097	83	41584	4.553	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	44012	4.326	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	171913	45.649	ug/L	98
42) Toluene	7.962	91	138548	4.344	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	34855	4.344	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	20972	4.488	ug/L	97
47) Tetrachloroethene	8.547	164	23025	4.097	ug/L	99
48) 2-Hexanone	8.679	43	119237	44.599	ug/L	98
49) Dibromochloromethane	8.801	129	23860	4.416	ug/L	99
50) 1,2-Dibromoethane	8.917	107	18926	4.429	ug/L	98
51) Chlorobenzene	9.441	112	82998	4.300	ug/L	99
52) Ethylbenzene	9.563	91	147155	4.355	ug/L	99
53) m,p-Xylene	9.688	106	53311	4.406	ug/L	97
54) o-Xylene	10.094	106	51017	4.300	ug/L	98
55) Styrene	10.110	104	85364	4.472	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	26033	4.516	ug/L	99
59) Bromoform	10.283	173	12126	4.356	ug/L	99
60) Isopropylbenzene	10.476	105	131922	4.325	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	18688	4.395	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	105828	4.254	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	108299	4.264	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	62021	4.186	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	59210	4.101	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	55527	4.120	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	3270	4.535	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	42931	3.918	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	30647	3.627	ug/L	98
71) Naphthalene	14.084	128	34137	2.948	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	24930	3.573	ug/L	99

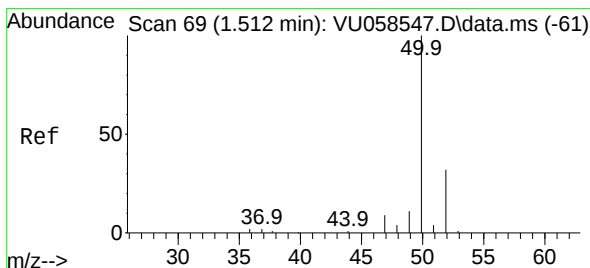
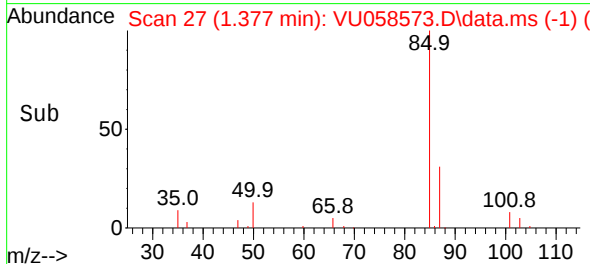
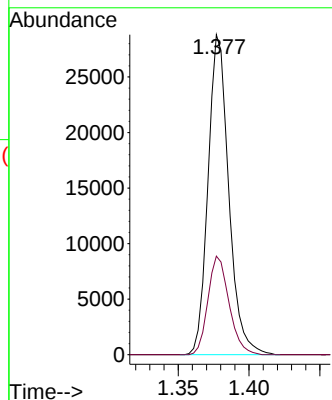
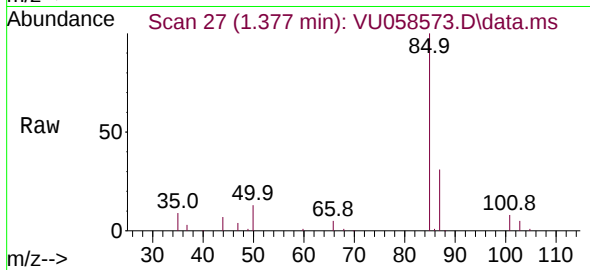
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.033 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU058573.D
 Acq: 10 Apr 2024 20:27

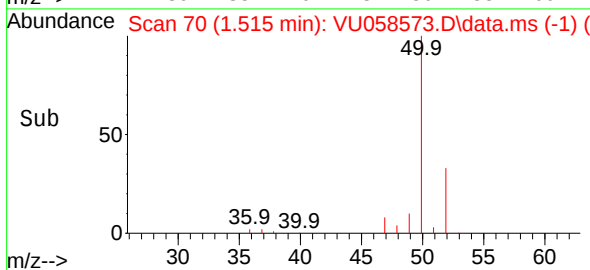
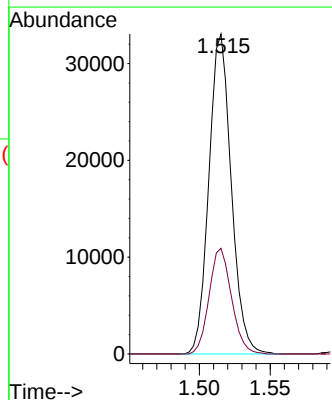
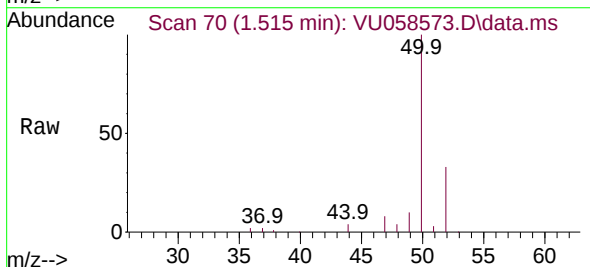
Instrument :
 MSVOA_U
 ClientSampleId :

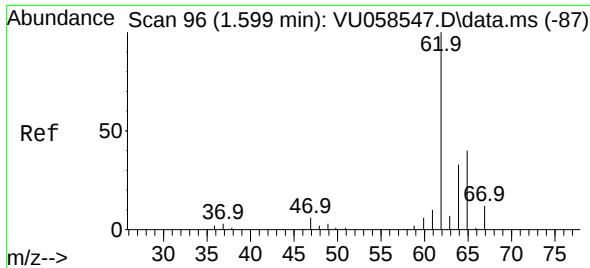
Tgt Ion: 85 Resp: 29218
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.9 38.9



#3
 Chloromethane
 Concen: 4.099 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.003 min
 Lab File: VU058573.D
 Acq: 10 Apr 2024 20:27

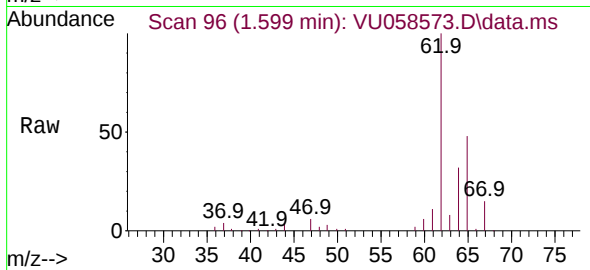
Tgt Ion: 50 Resp: 36340
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.6 42.0



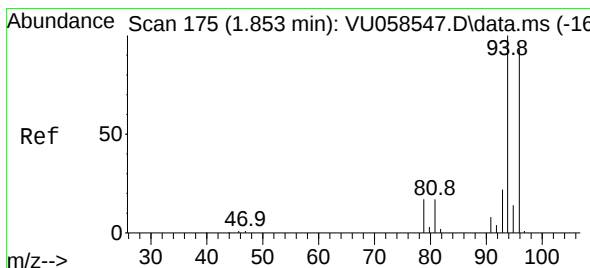
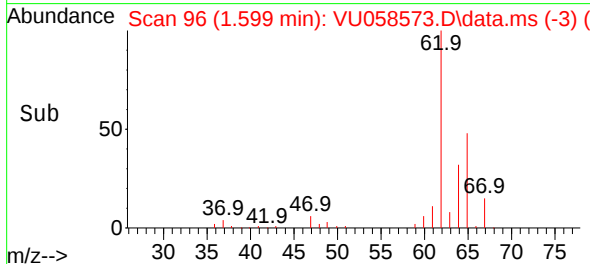
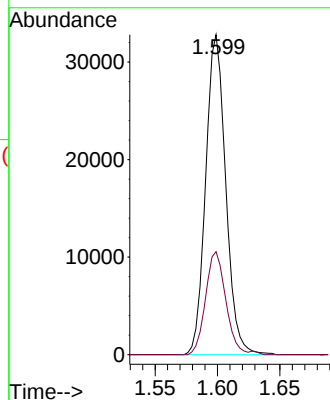


#5
 Vinyl chloride
 Concen: 4.153 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU058573.D
 Acq: 10 Apr 2024 20:27

Instrument :
 MSVOA_U
 ClientSampleId :

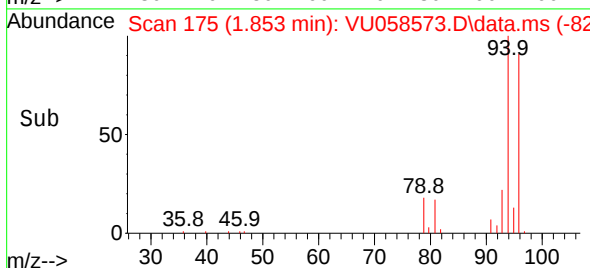
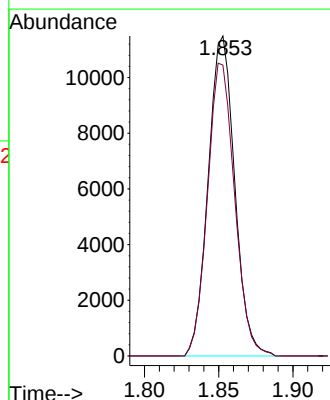
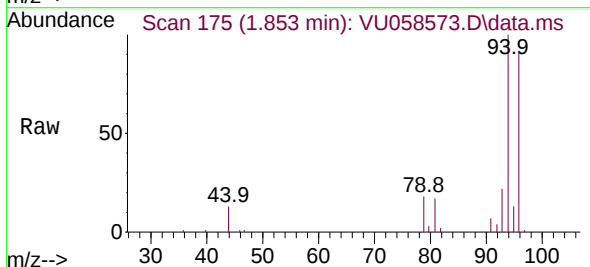


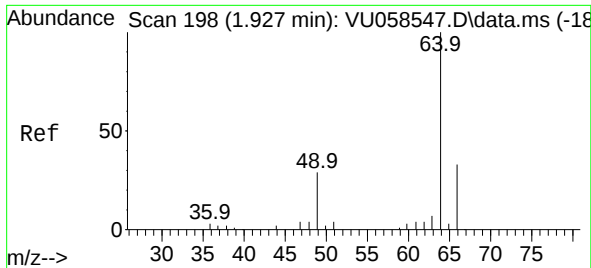
Tgt Ion: 62 Resp: 36775
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.6 42.0



#6
 Bromomethane
 Concen: 3.411 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU058573.D
 Acq: 10 Apr 2024 20:27

Tgt Ion: 94 Resp: 14288
 Ion Ratio Lower Upper
 94 100
 96 90.9 65.4 121.4

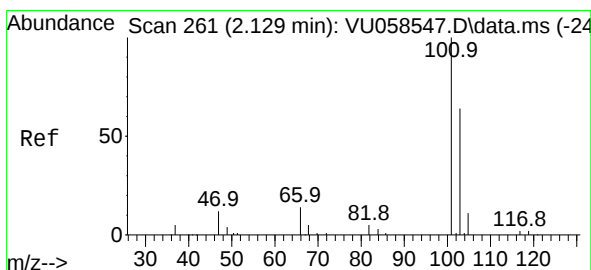
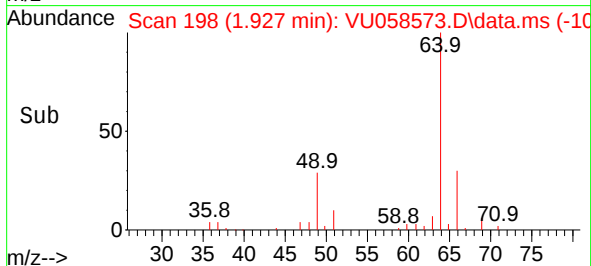
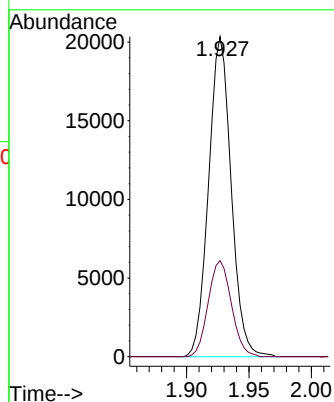
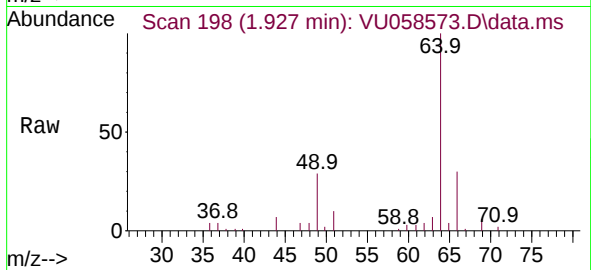




#8
Chloroethane
Concen: 4.582 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

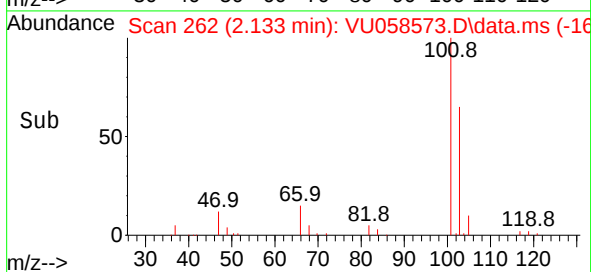
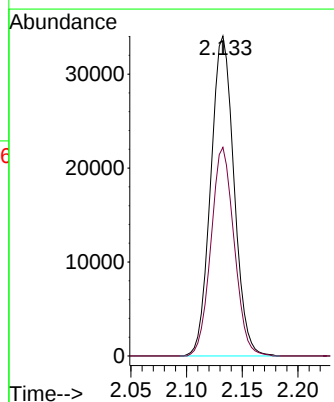
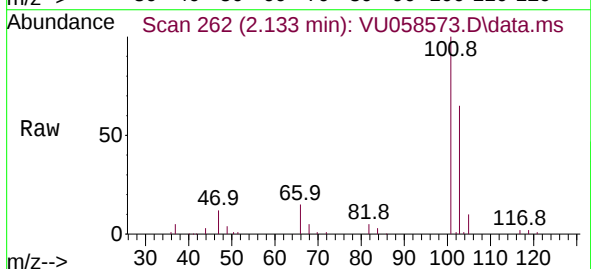
Instrument :
MSVOA_U
ClientSampleId :

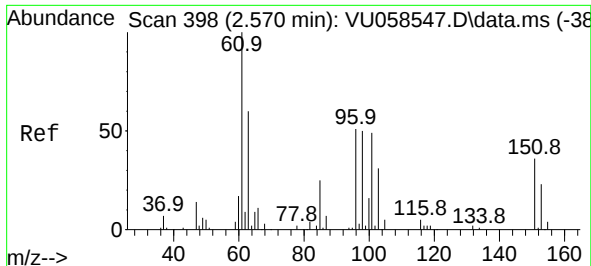
Tgt Ion: 64 Resp: 25633
Ion Ratio Lower Upper
64 100
66 30.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.233 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

Tgt Ion:101 Resp: 49499
Ion Ratio Lower Upper
101 100
103 64.9 51.2 76.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.287 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.003 min

Lab File: VU058573.D

Acq: 10 Apr 2024 20:27

Instrument :

MSVOA_U

ClientSampleId :

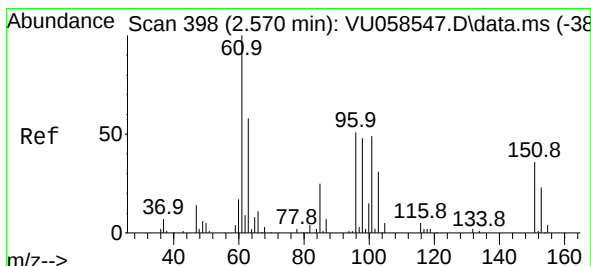
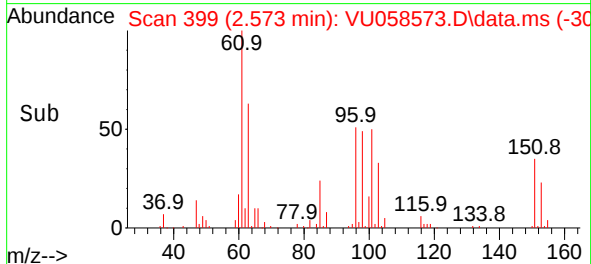
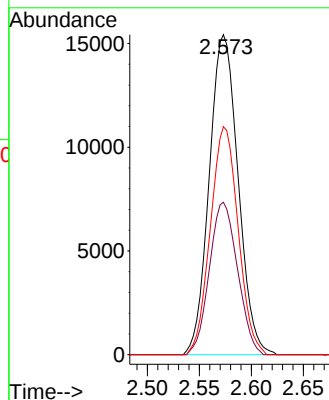
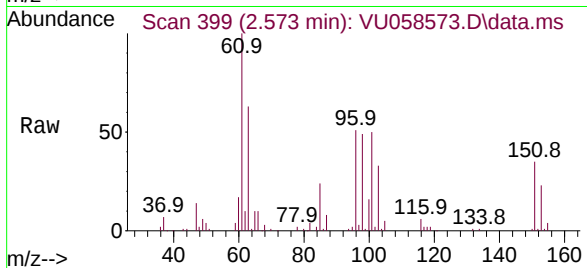
Tgt Ion:101 Resp: 29788

Ion Ratio Lower Upper

101 100

85 46.4 36.8 55.2

151 68.6 58.2 87.4



#12

1,1-Dichloroethene

Concen: 4.279 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.003 min

Lab File: VU058573.D

Acq: 10 Apr 2024 20:27

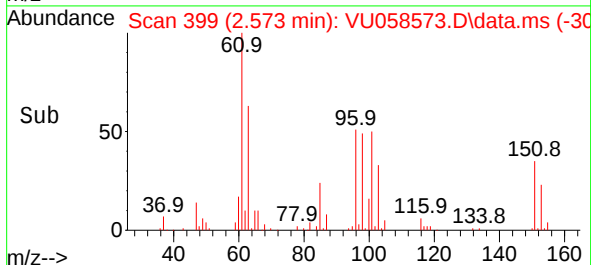
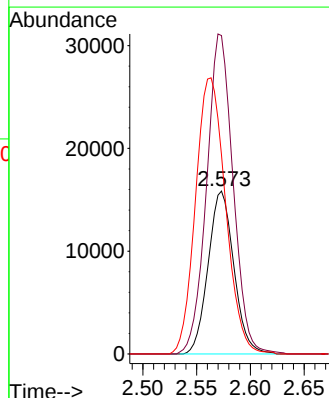
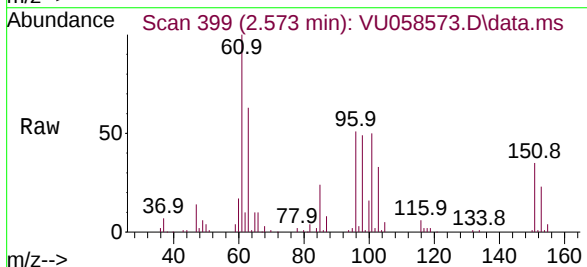
Tgt Ion: 96 Resp: 26358

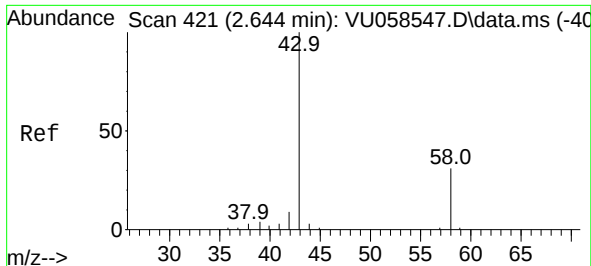
Ion Ratio Lower Upper

96 100

61 195.6 132.5 246.1

63 122.4 87.7 162.9





#13

Acetone

Concen: 37.641 ug/L

RT: 2.628 min Scan# 416

Delta R.T. -0.016 min

Lab File: VU058573.D

Acq: 10 Apr 2024 20:27

Instrument :

MSVOA_U

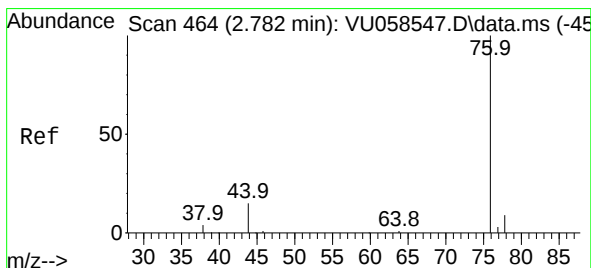
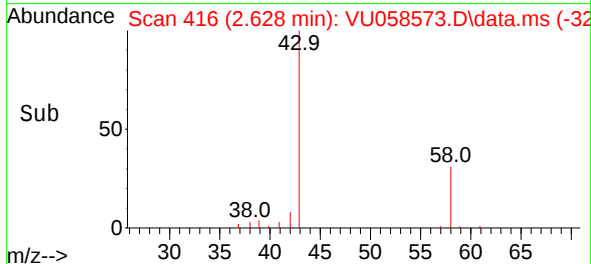
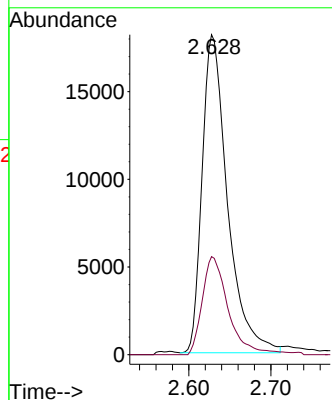
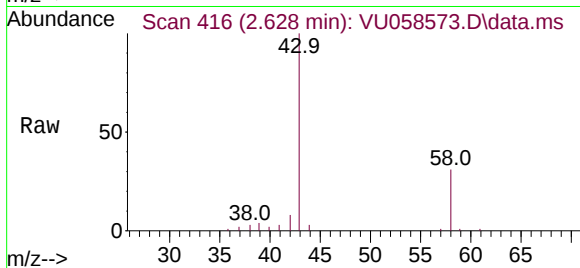
ClientSampleId :

Tgt Ion: 43 Resp: 38960

Ion Ratio Lower Upper

43 100

58 31.7 0.0 61.4



#14

Carbon disulfide

Concen: 4.095 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.003 min

Lab File: VU058573.D

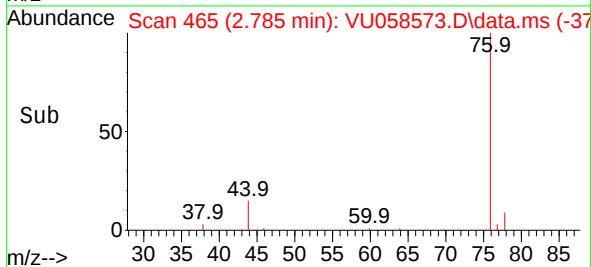
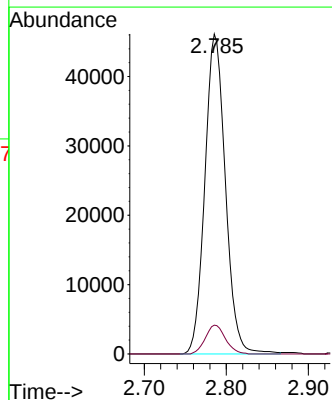
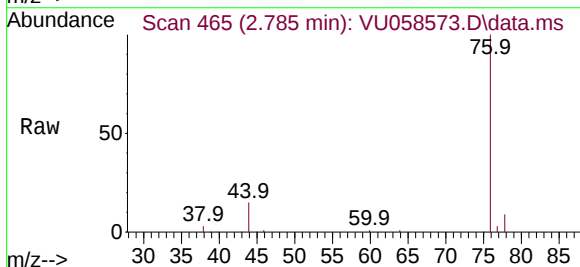
Acq: 10 Apr 2024 20:27

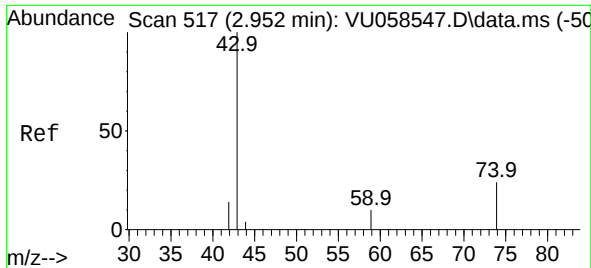
Tgt Ion: 76 Resp: 80115

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3





#15

Methyl Acetate

Concen: 4.744 ug/L

RT: 2.946 min Scan# 51

Delta R.T. -0.006 min

Lab File: VU058573.D

Acq: 10 Apr 2024 20:27

Instrument :

MSVOA_U

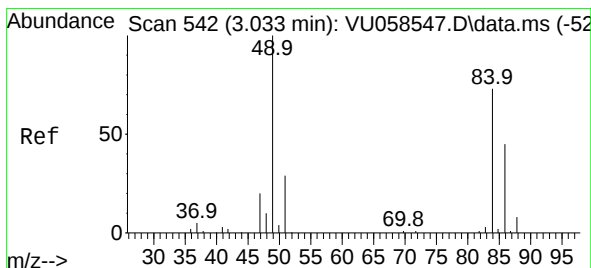
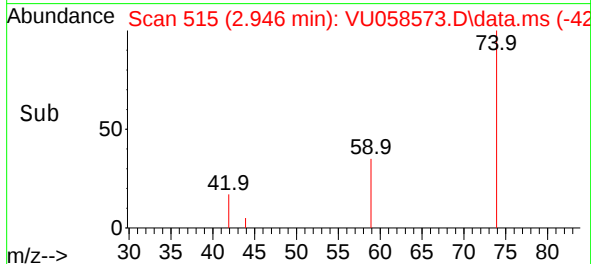
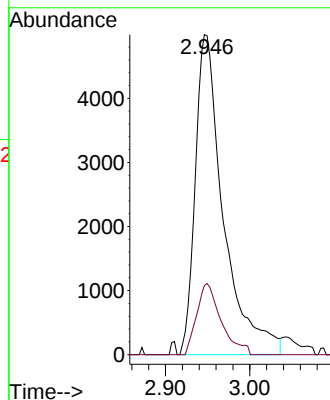
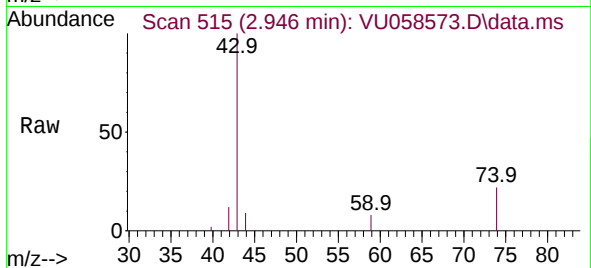
ClientSampleId :

Tgt Ion: 43 Resp: 11585

Ion Ratio Lower Upper

43 100

74 19.3 16.6 25.0



#16

Methylene chloride

Concen: 3.945 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.003 min

Lab File: VU058573.D

Acq: 10 Apr 2024 20:27

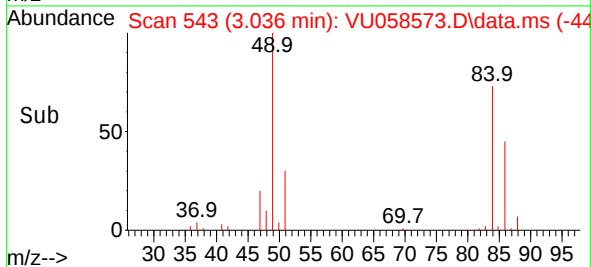
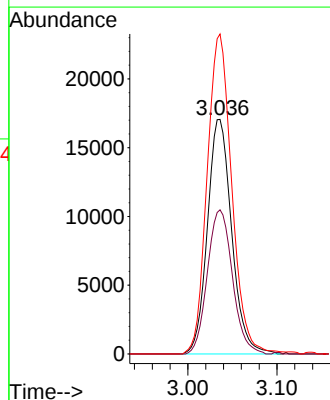
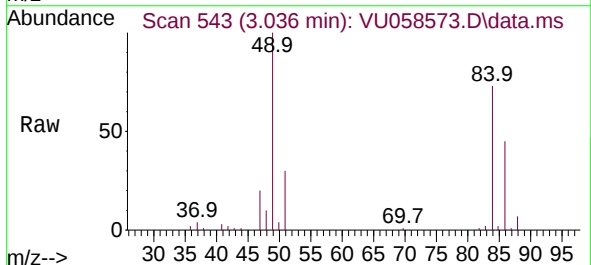
Tgt Ion: 84 Resp: 32252

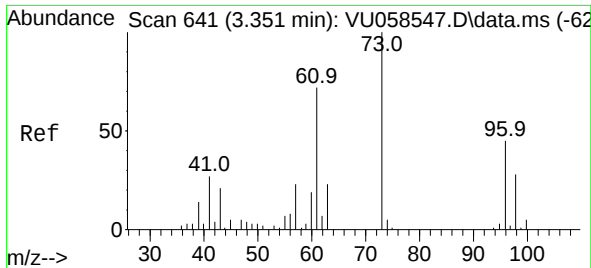
Ion Ratio Lower Upper

84 100

86 61.4 44.3 82.3

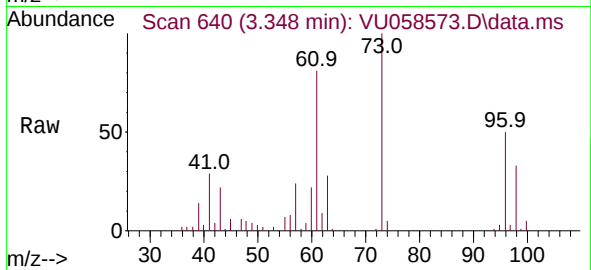
49 136.4 96.0 178.2



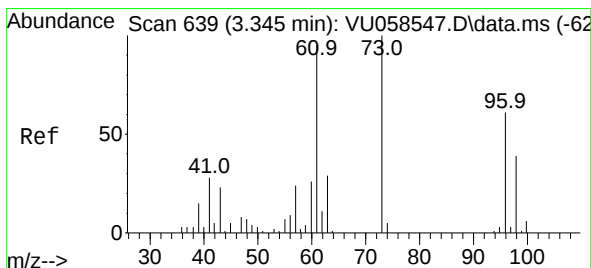
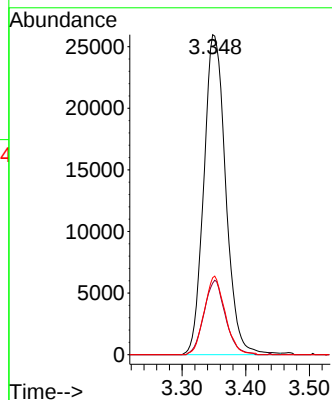
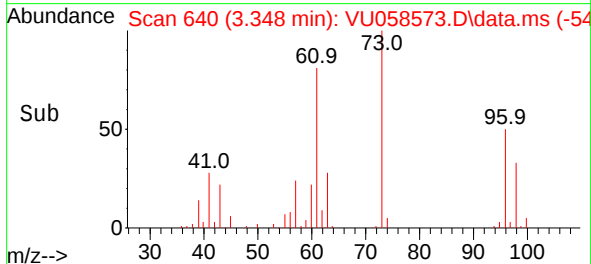


#17
Methyl tert-butyl Ether
Concen: 4.265 ug/L
RT: 3.348 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

Instrument :
MSVOA_U
ClientSampleId :

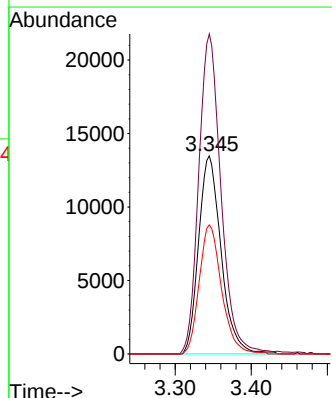
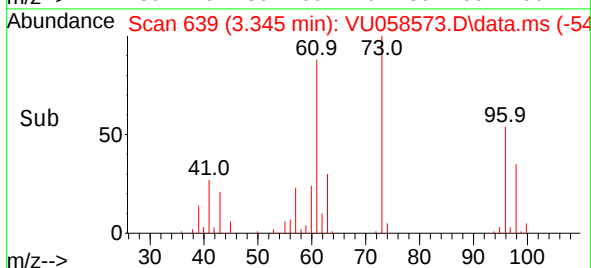
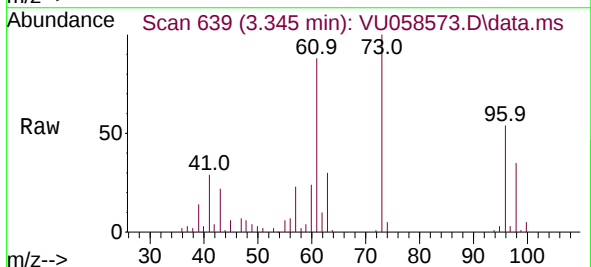


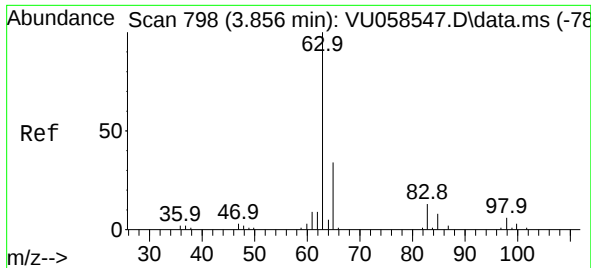
Tgt Ion: 73 Resp: 62053
Ion Ratio Lower Upper
73 100
43 22.7 17.4 26.2
57 23.4 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 4.306 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

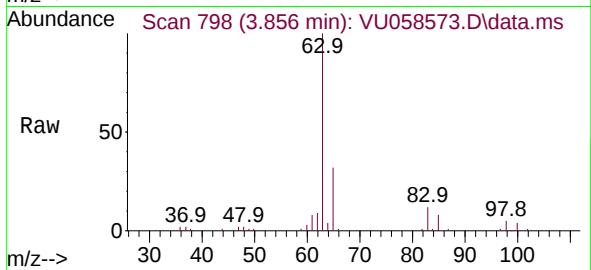
Tgt Ion: 96 Resp: 27797
Ion Ratio Lower Upper
96 100
61 161.5 107.6 199.8
98 65.1 45.1 83.7



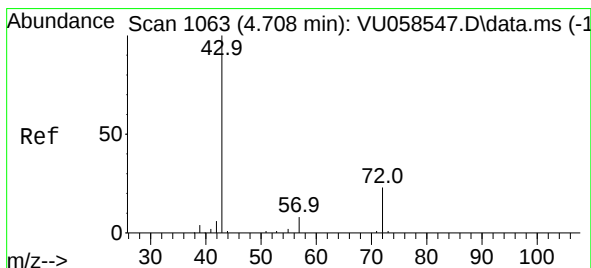
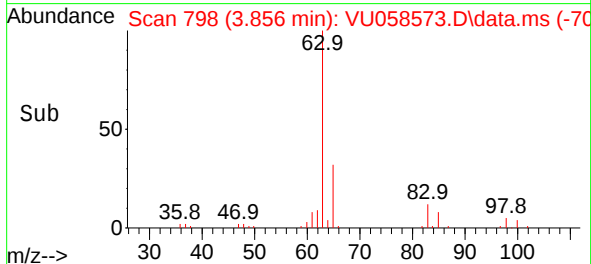
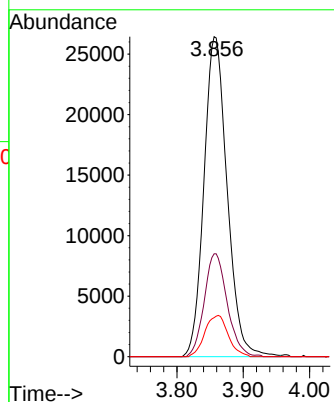


#19
1,1-Dichloroethane
Concen: 4.561 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.000 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

Instrument :
MSVOA_U
ClientSampleId :

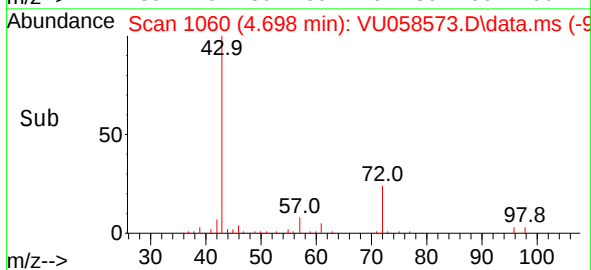
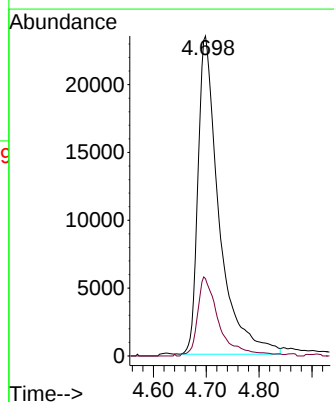
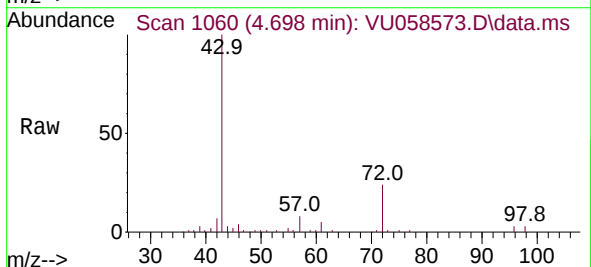


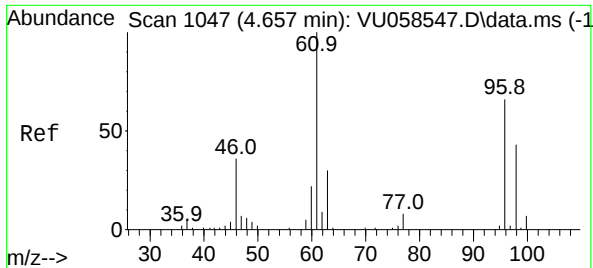
Tgt Ion: 63 Resp: 64266
Ion Ratio Lower Upper
63 100
65 32.1 22.9 42.5
83 12.2 9.6 17.8



#21
2-Butanone
Concen: 41.922 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.010 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

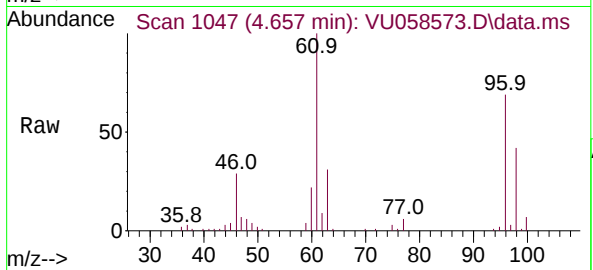
Tgt Ion: 43 Resp: 64854
Ion Ratio Lower Upper
43 100
72 25.0 11.7 35.0



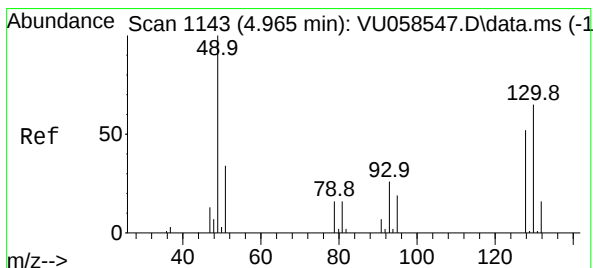
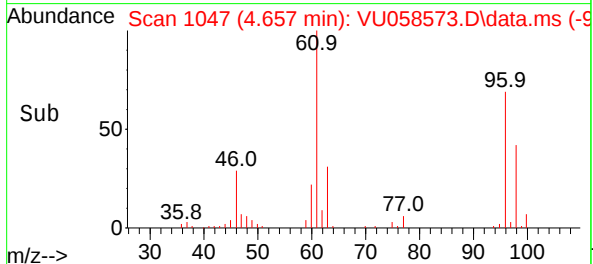
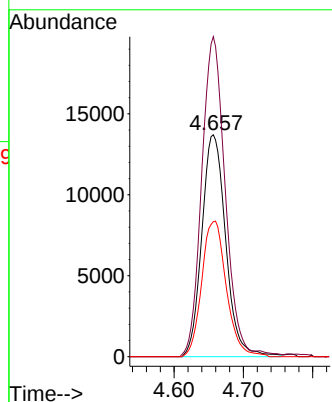


#22
 cis-1,2-Dichloroethene
 Concen: 4.530 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU058573.D
 Acq: 10 Apr 2024 20:27

Instrument :
 MSVOA_U
 ClientSampleId :

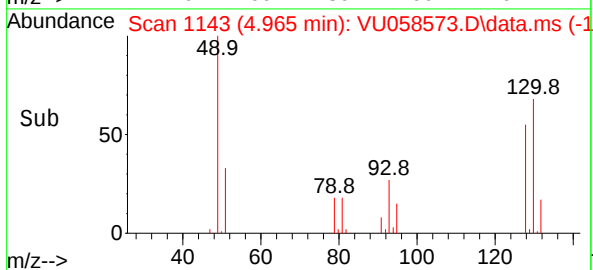
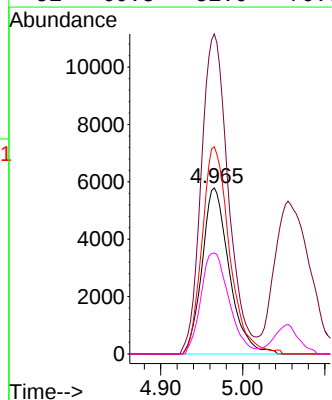
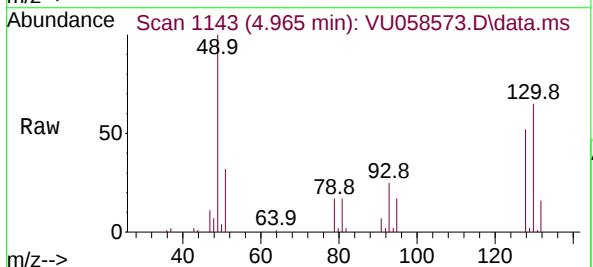


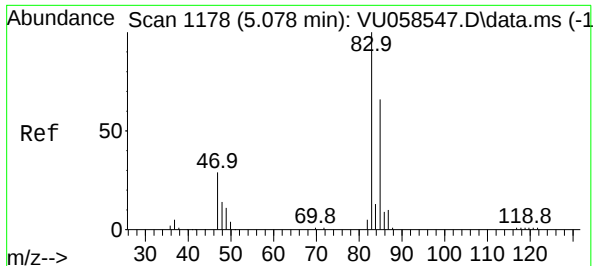
Tgt Ion: 96	Resp: 32845
Ion Ratio	Lower Upper
96	100
61	144.2 98.1 182.3
98	60.9 43.6 81.0



#23
 Bromochloromethane
 Concen: 4.652 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU058573.D
 Acq: 10 Apr 2024 20:27

Tgt Ion: 128	Resp: 13289
Ion Ratio	Lower Upper
128	100
49	192.7 134.4 249.6
130	124.8 90.0 167.2
51	60.8 51.0 76.6

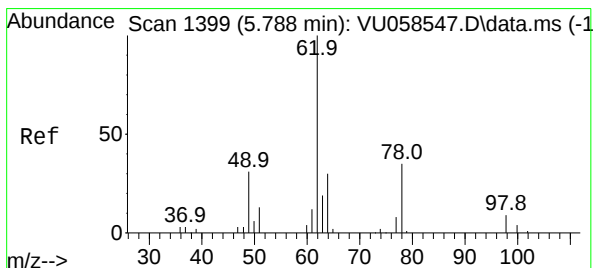
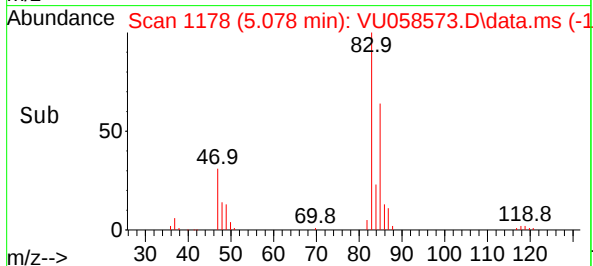
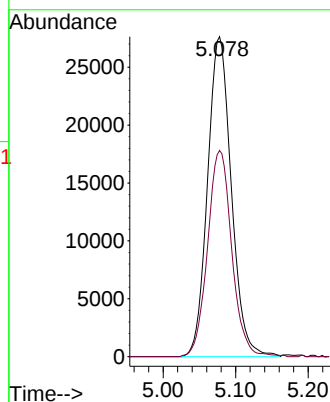
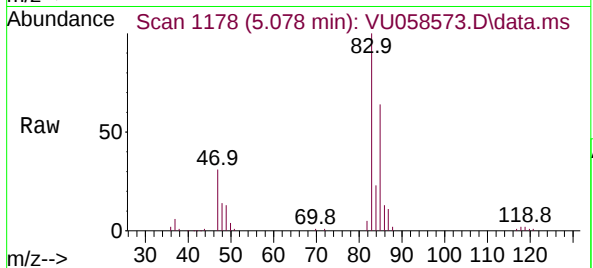




#25
Chloroform
Concen: 4.617 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

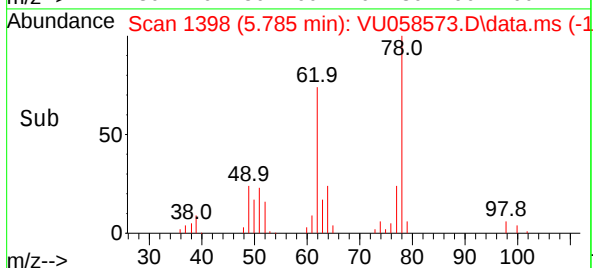
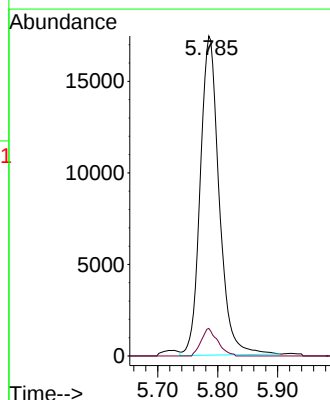
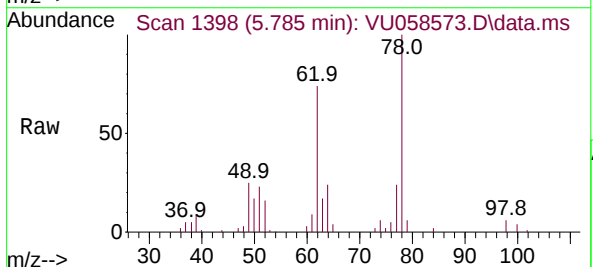
Instrument :
MSVOA_U
ClientSampleId :

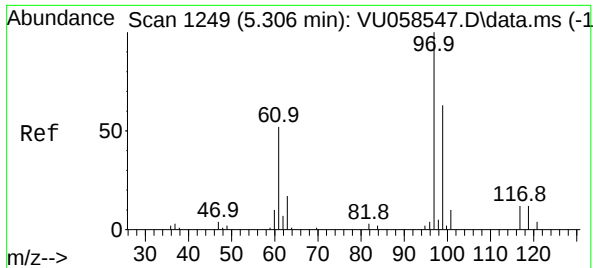
Tgt Ion: 83 Resp: 62974
Ion Ratio Lower Upper
83 100
85 64.4 44.7 83.1



#27
1,2-Dichloroethane
Concen: 4.613 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

Tgt Ion: 62 Resp: 38307
Ion Ratio Lower Upper
62 100
98 8.6 7.0 10.4

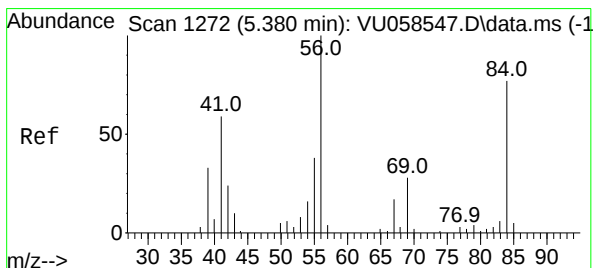
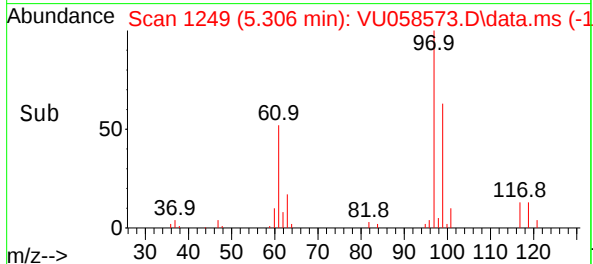
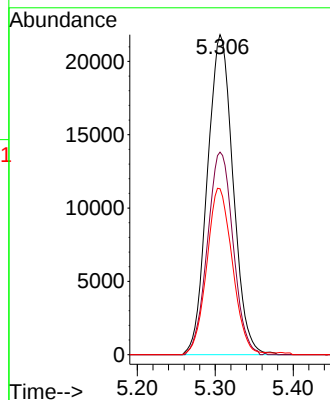
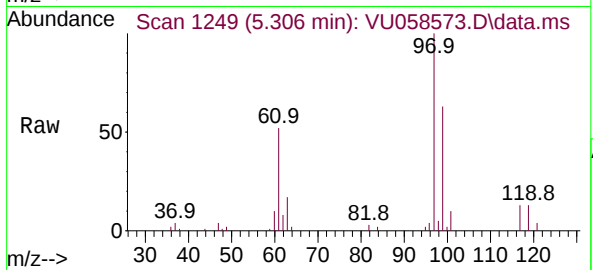




#29
1,1,1-Trichloroethane
Concen: 4.438 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

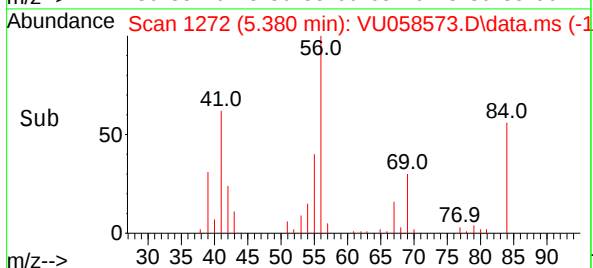
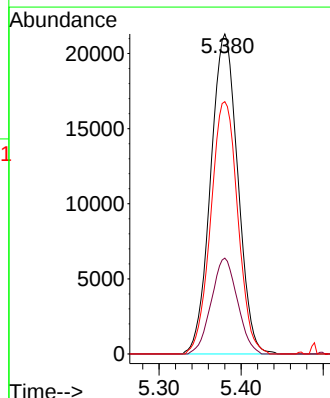
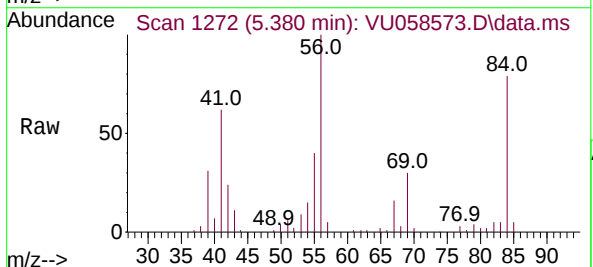
Instrument :
MSVOA_U
ClientSampleId :

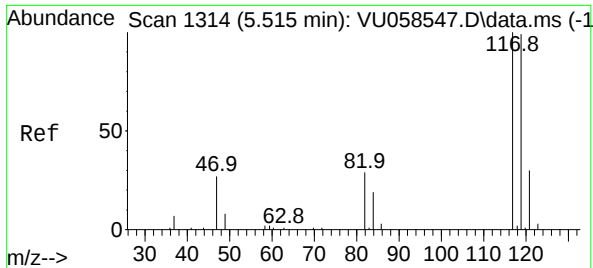
Tgt Ion:	97	Resp:	49922
Ion	Ratio	Lower	Upper
97	100		
99	63.3	50.4	75.6
61	52.2	39.4	59.0



#30
Cyclohexane
Concen: 4.128 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

Tgt Ion:	56	Resp:	49033
Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.2	34.8
84	78.5	63.3	94.9

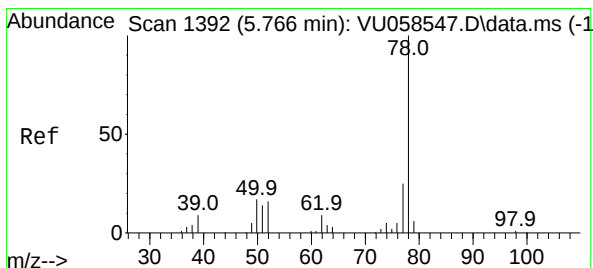
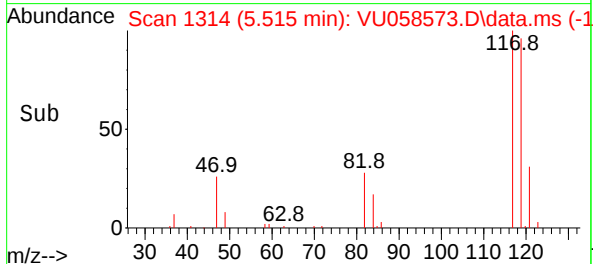
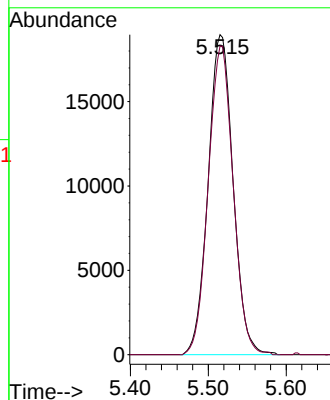
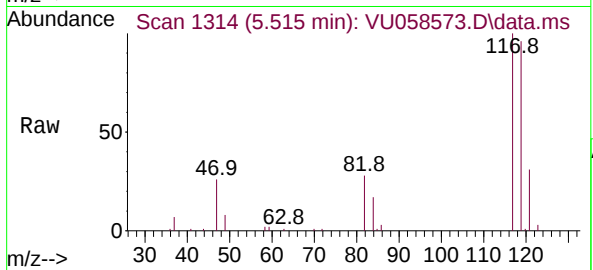




#31
Carbon tetrachloride
Concen: 4.431 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

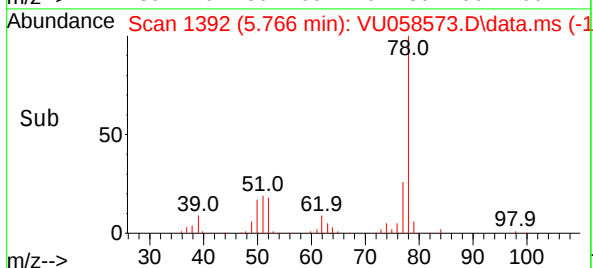
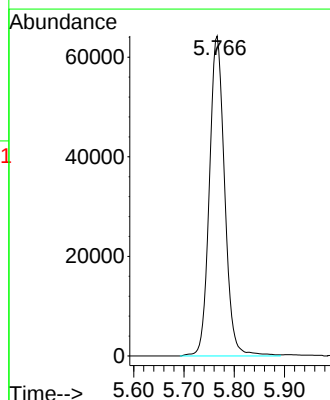
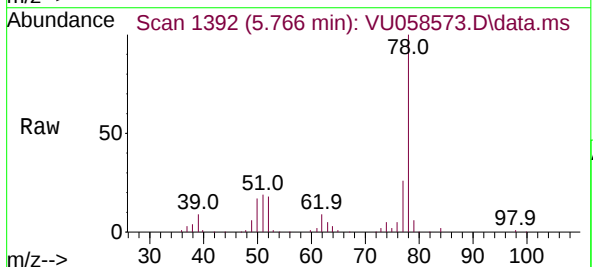
Instrument :
MSVOA_U
ClientSampleId :

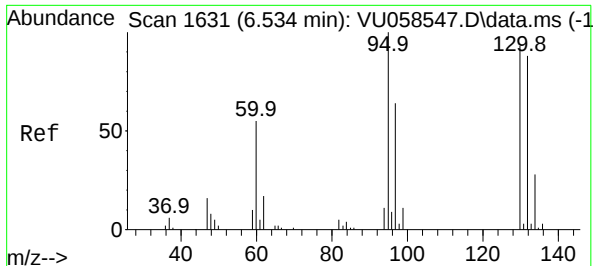
Tgt Ion:117 Resp: 42206
Ion Ratio Lower Upper
117 100
119 96.2 76.7 115.1



#33
Benzene
Concen: 4.460 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

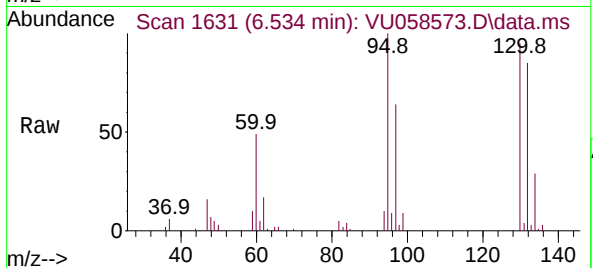
Tgt Ion: 78 Resp: 135646



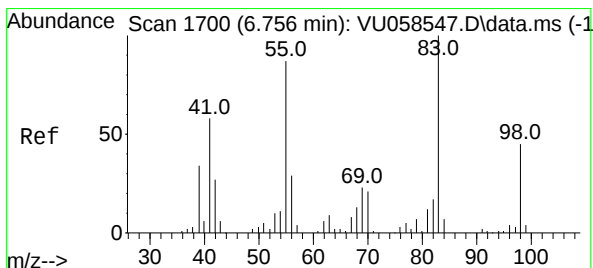
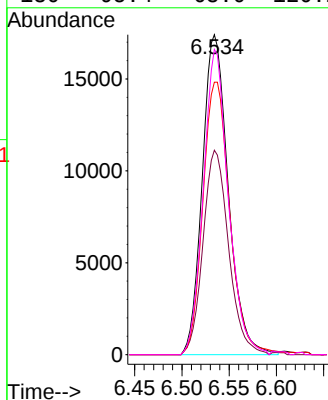
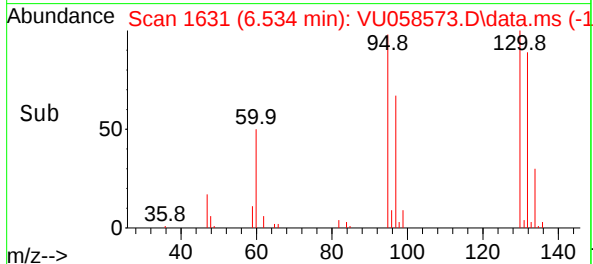


#34
Trichloroethene
Concen: 4.347 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

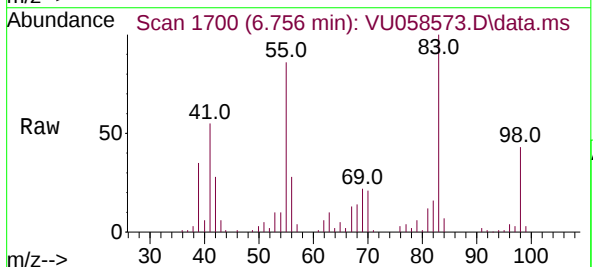
Instrument :
MSVOA_U
ClientSampleId :



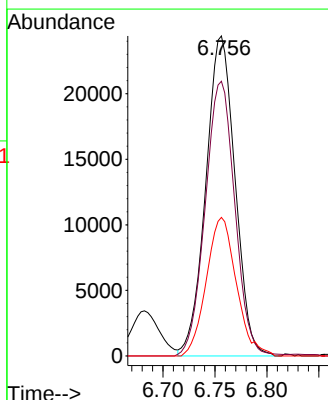
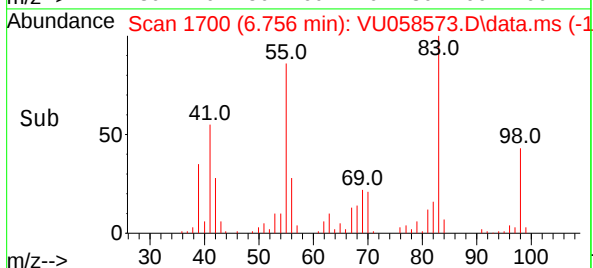
Tgt Ion: 95 Resp: 33320
Ion Ratio Lower Upper
95 100
97 63.9 45.6 84.6
132 85.1 64.8 120.3
130 95.4 68.0 126.2

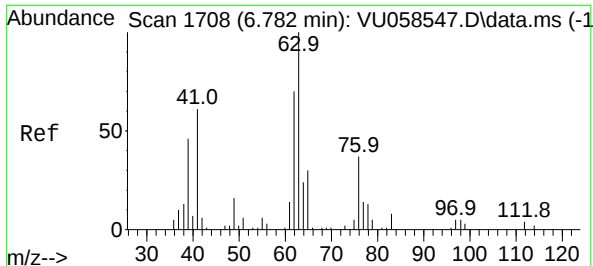


#35
Methylcyclohexane
Concen: 4.135 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27



Tgt Ion: 83 Resp: 47758
Ion Ratio Lower Upper
83 100
55 87.0 66.2 99.4
98 44.4 34.6 52.0

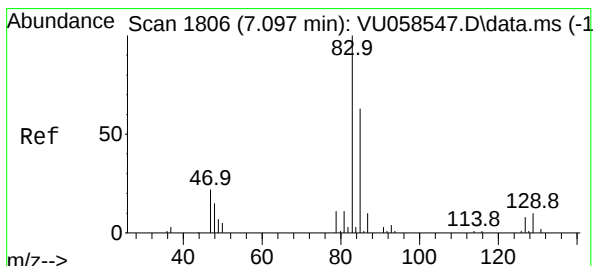
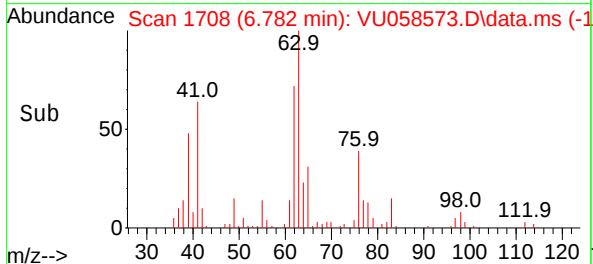
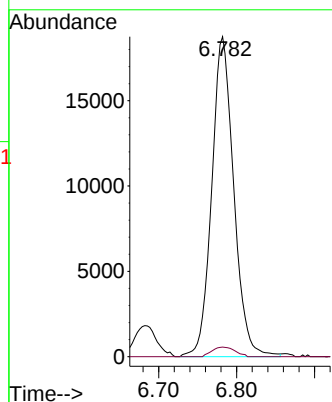
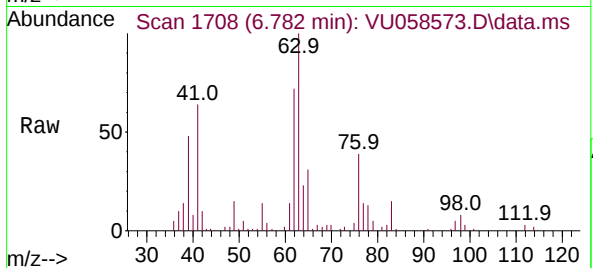




#37
1,2-Dichloropropane
Concen: 4.606 ug/L
RT: 6.782 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

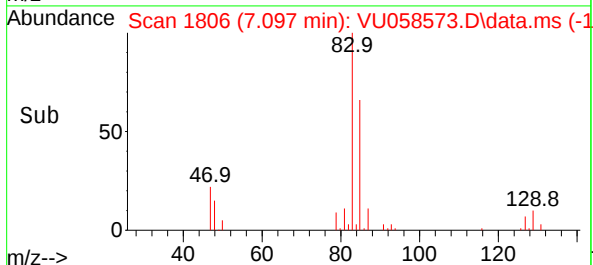
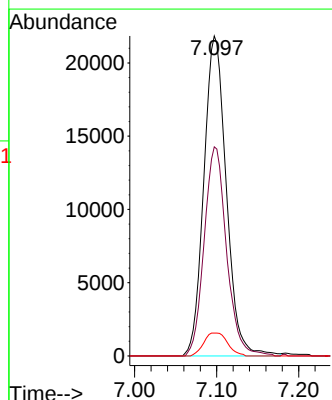
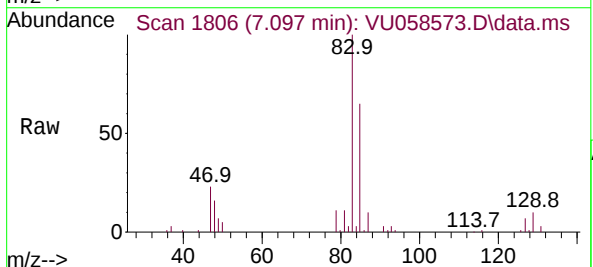
Instrument :
MSVOA_U
ClientSampleId :

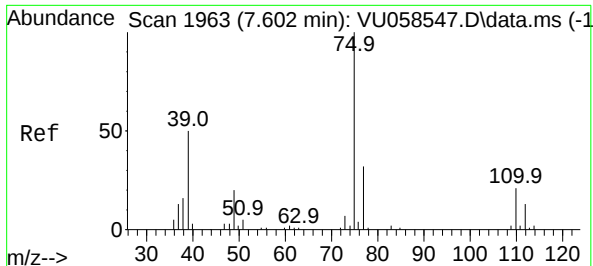
Tgt Ion: 63 Resp: 36856
Ion Ratio Lower Upper
63 100
112 3.1 2.6 4.0



#38
Bromodichloromethane
Concen: 4.553 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

Tgt Ion: 83 Resp: 41584
Ion Ratio Lower Upper
83 100
85 65.3 44.2 82.2
127 7.2 6.5 9.7

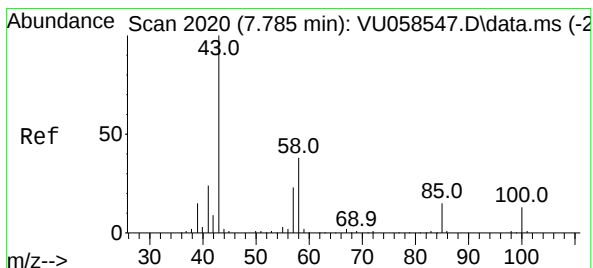
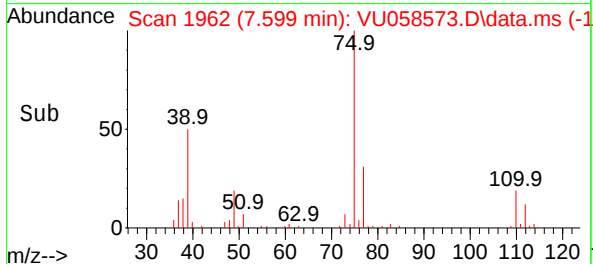
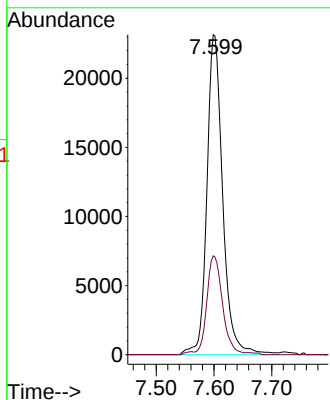
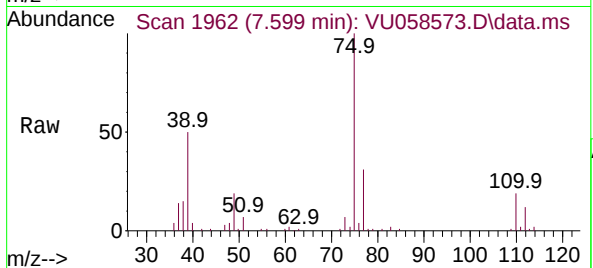




#39
 cis-1,3-Dichloropropene
 Concen: 4.326 ug/L
 RT: 7.599 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VU058573.D
 Acq: 10 Apr 2024 20:27

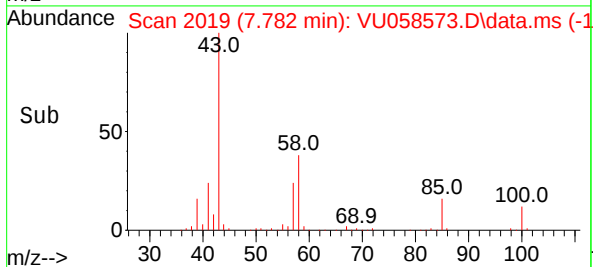
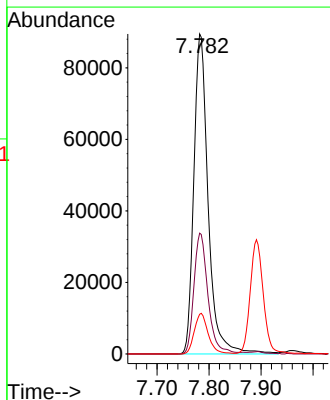
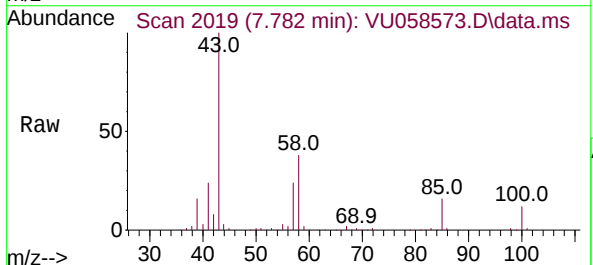
Instrument :
 MSVOA_U
 ClientSampleId :

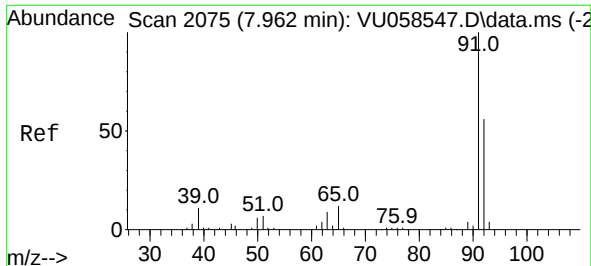
Tgt Ion: 75 Resp: 44012
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 45.649 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU058573.D
 Acq: 10 Apr 2024 20:27

Tgt Ion: 43 Resp: 171913
 Ion Ratio Lower Upper
 43 100
 58 36.8 30.4 45.6
 100 12.3 10.3 15.5





#42

Toluene

Concen: 4.344 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058573.D

Acq: 10 Apr 2024 20:27

Instrument :

MSVOA_U

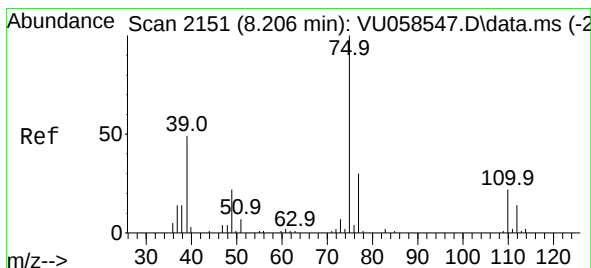
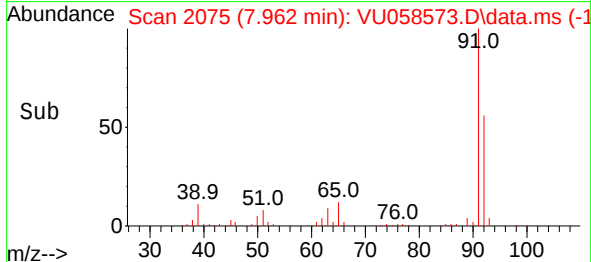
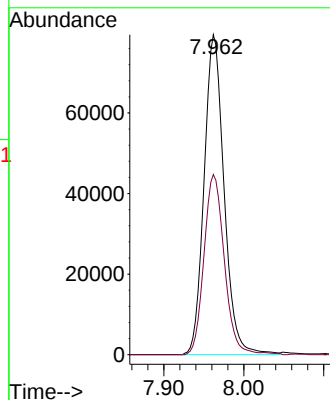
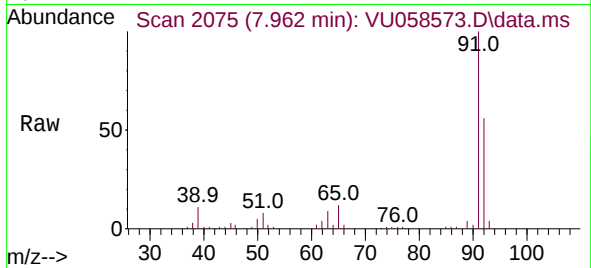
ClientSampleId :

Tgt Ion: 91 Resp: 138548

Ion Ratio Lower Upper

91 100

92 56.3 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 4.344 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU058573.D

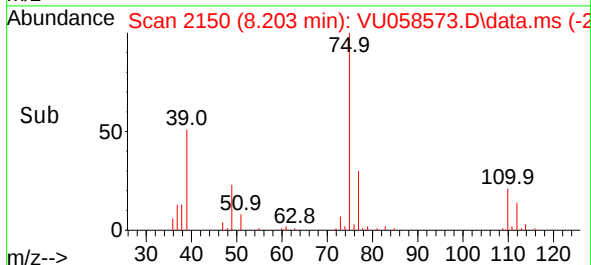
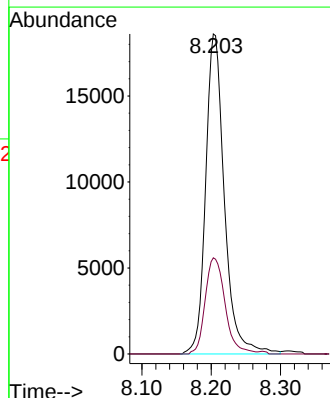
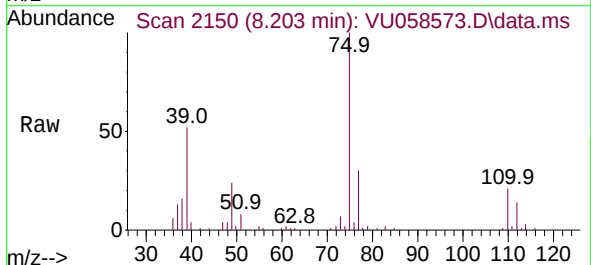
Acq: 10 Apr 2024 20:27

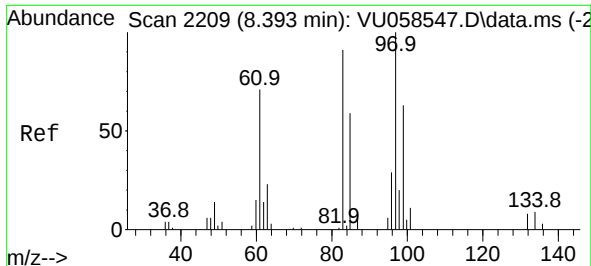
Tgt Ion: 75 Resp: 34855

Ion Ratio Lower Upper

75 100

77 30.0 22.2 41.2

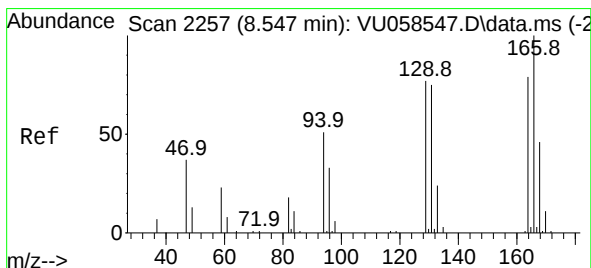
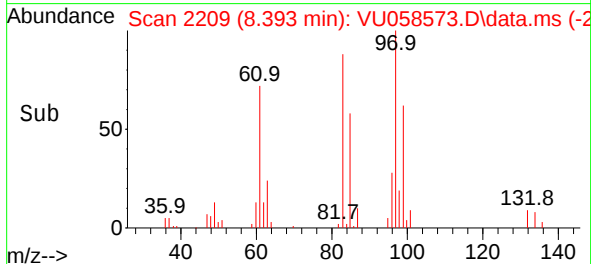
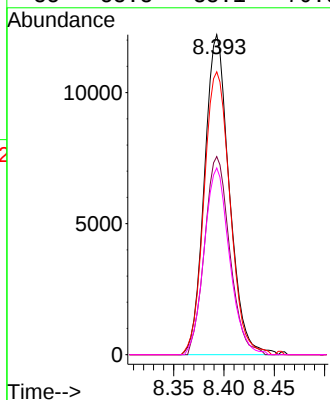
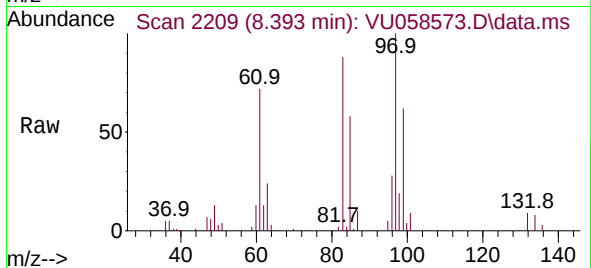




#45
1,1,2-Trichloroethane
Concen: 4.488 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

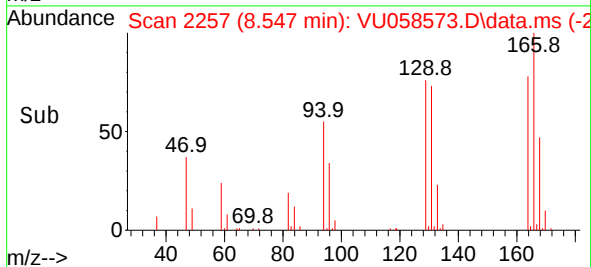
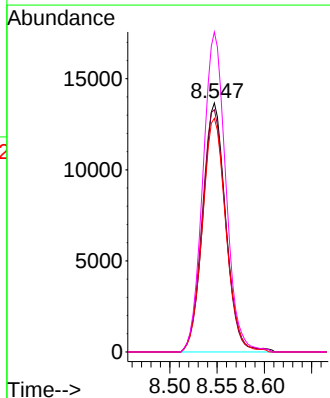
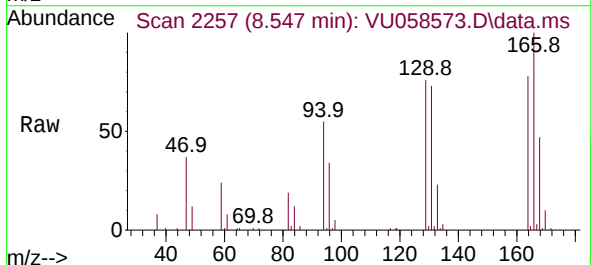
Instrument :
MSVOA_U
ClientSampleId :

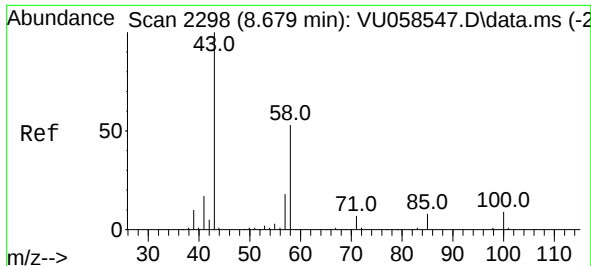
Tgt Ion:	97	Resp:	20972
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.7	81.1
83	88.4	64.5	119.7
85	58.3	38.1	70.9



#47
Tetrachloroethene
Concen: 4.097 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

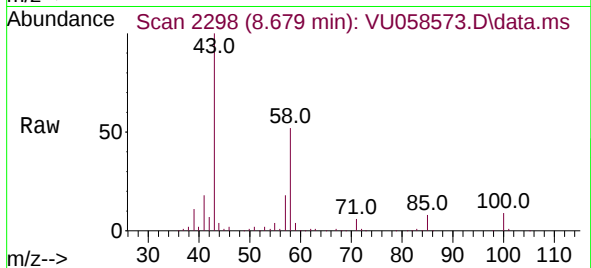
Tgt Ion:	164	Resp:	23025
Ion	Ratio	Lower	Upper
164	100		
129	97.3	67.3	125.1
131	93.8	65.5	121.6
166	128.5	89.5	166.1



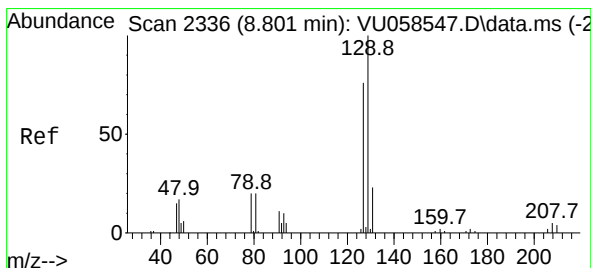
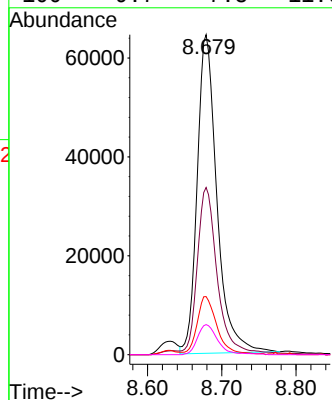
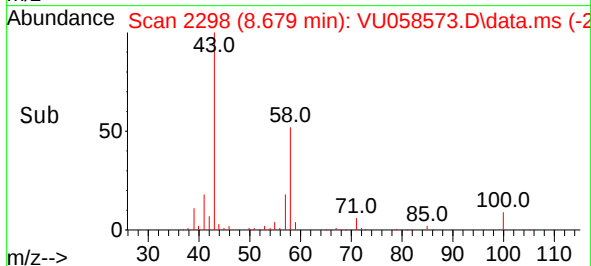


#48
2-Hexanone
Concen: 44.599 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

Instrument :
MSVOA_U
ClientSampleId :

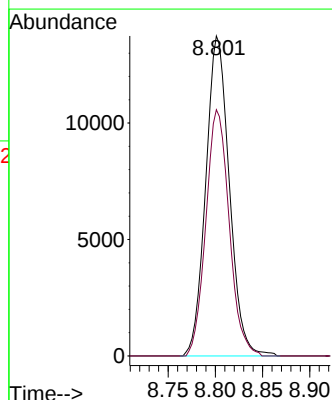
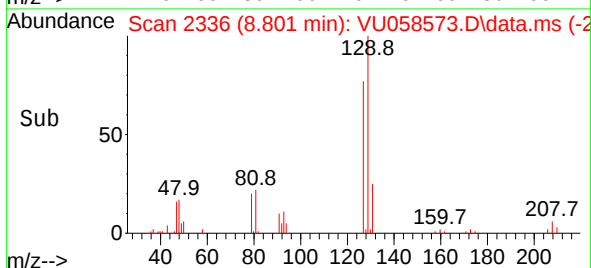
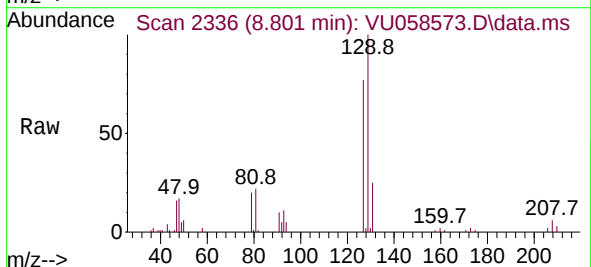


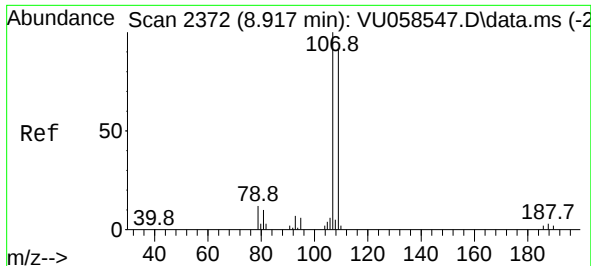
Tgt Ion: 43 Resp: 119237
Ion Ratio Lower Upper
43 100
58 53.2 43.2 64.8
57 17.7 15.4 23.0
100 9.7 7.8 11.6



#49
Dibromochloromethane
Concen: 4.416 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

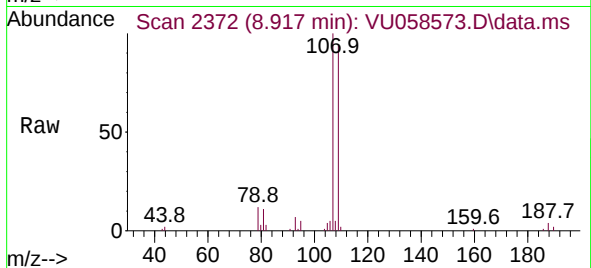
Tgt Ion: 129 Resp: 23860
Ion Ratio Lower Upper
129 100
127 77.0 53.5 99.5



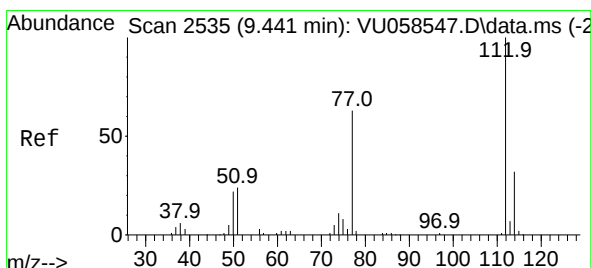
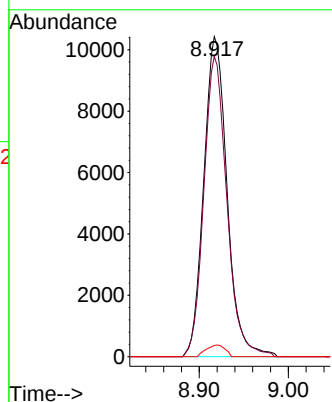
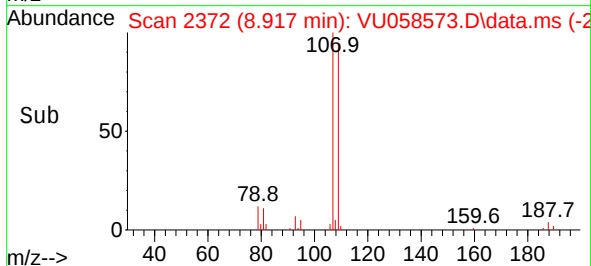


#50
1,2-Dibromoethane
Concen: 4.429 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

Instrument :
MSVOA_U
ClientSampleId :

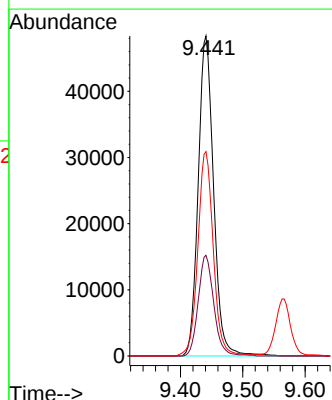
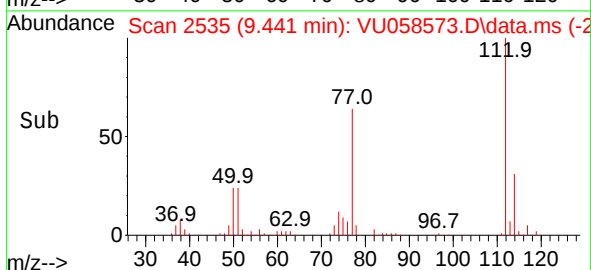
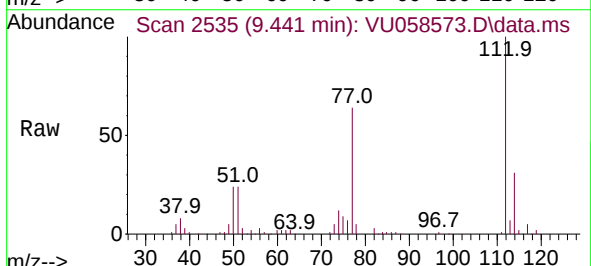


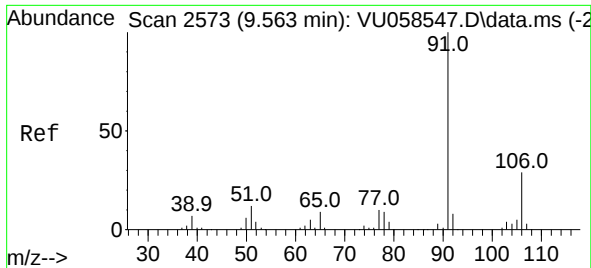
Tgt Ion:107 Resp: 18926
Ion Ratio Lower Upper
107 100
109 93.8 67.3 124.9
188 3.5 2.5 3.7



#51
Chlorobenzene
Concen: 4.300 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

Tgt Ion:112 Resp: 82998
Ion Ratio Lower Upper
112 100
114 31.5 22.4 41.6
77 63.8 50.1 75.1

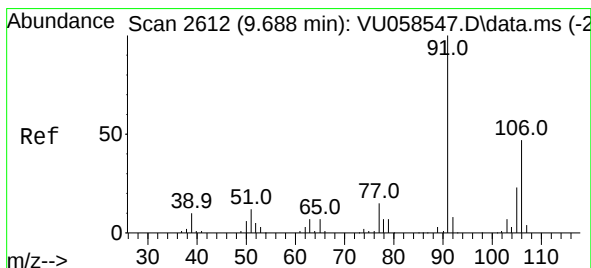
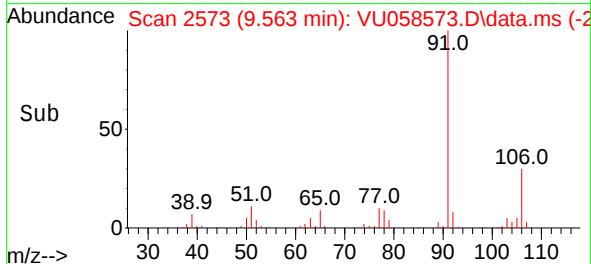
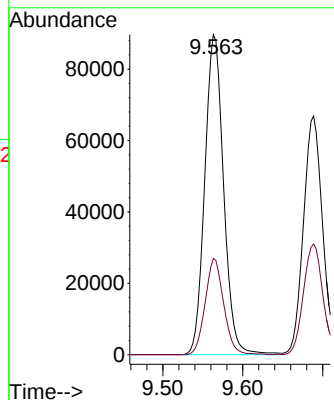
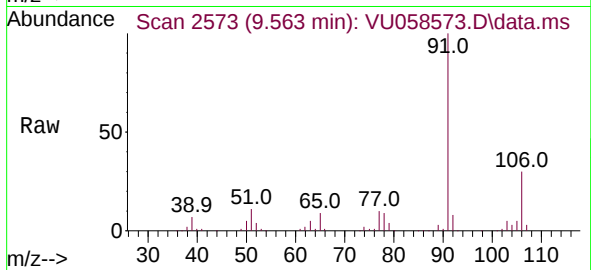




#52
Ethylbenzene
Concen: 4.355 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

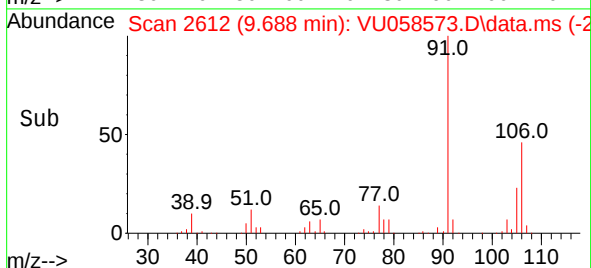
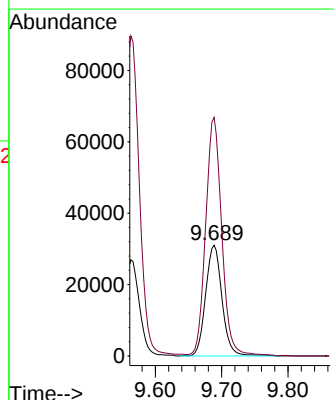
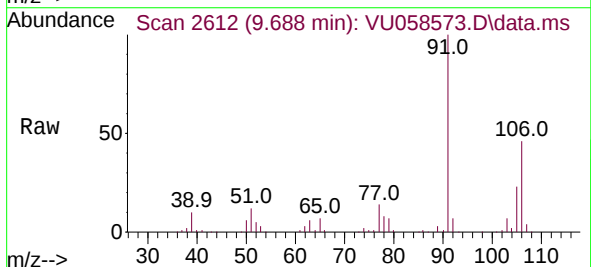
Instrument :
MSVOA_U
ClientSampleId :

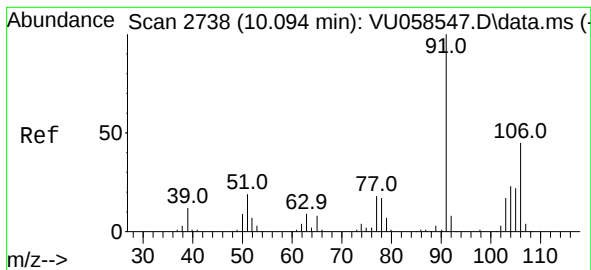
Tgt Ion: 91 Resp: 147155
Ion Ratio Lower Upper
91 100
106 30.0 20.6 38.4



#53
m,p-Xylene
Concen: 4.406 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

Tgt Ion:106 Resp: 53311
Ion Ratio Lower Upper
106 100
91 215.4 147.8 274.4





#54

o-Xylene

Concen: 4.300 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU058573.D

Acq: 10 Apr 2024 20:27

Instrument :

MSVOA_U

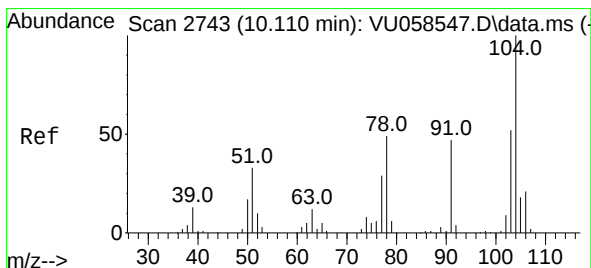
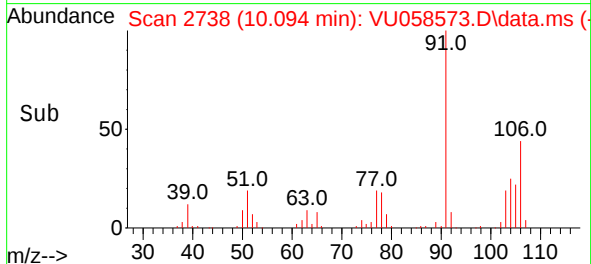
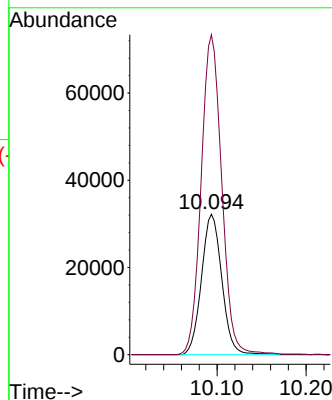
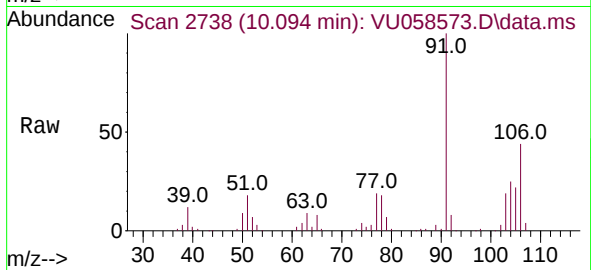
ClientSampleId :

Tgt Ion:106 Resp: 51017

Ion Ratio Lower Upper

106 100

91 227.9 156.9 291.5



#55

Styrene

Concen: 4.472 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU058573.D

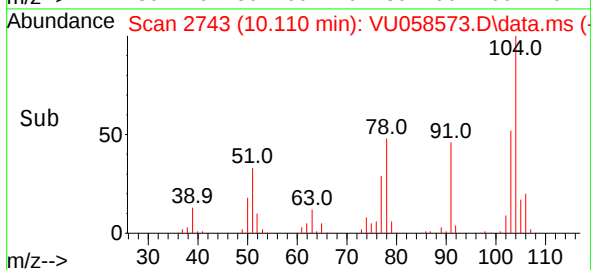
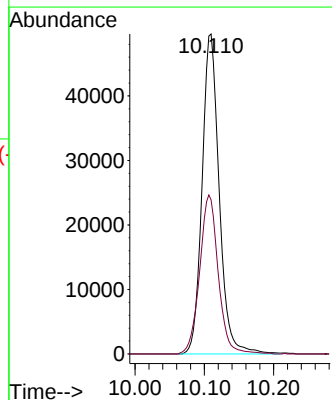
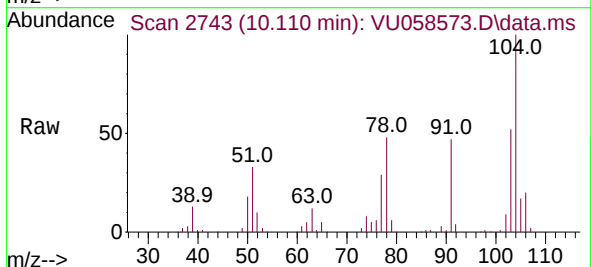
Acq: 10 Apr 2024 20:27

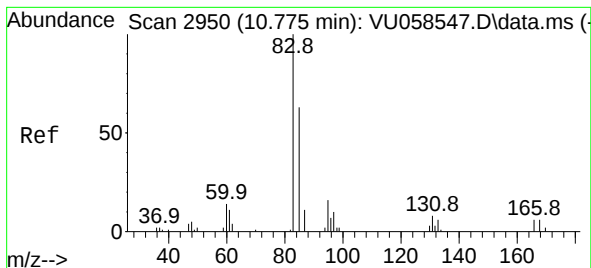
Tgt Ion:104 Resp: 85364

Ion Ratio Lower Upper

104 100

78 48.2 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 4.516 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058573.D

Acq: 10 Apr 2024 20:27

Instrument :

MSVOA_U

ClientSampleId :

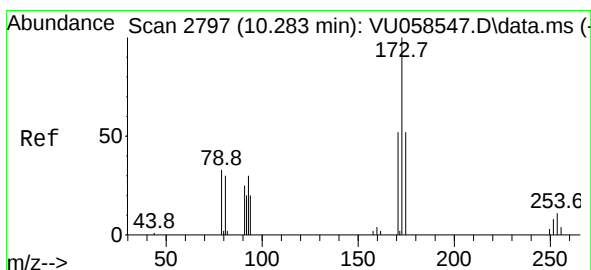
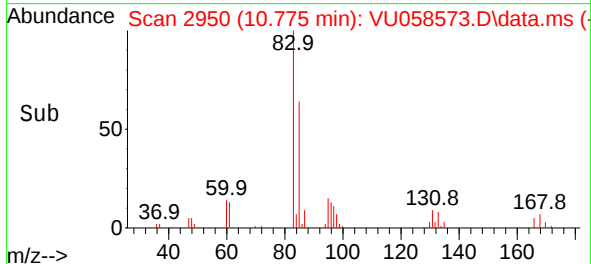
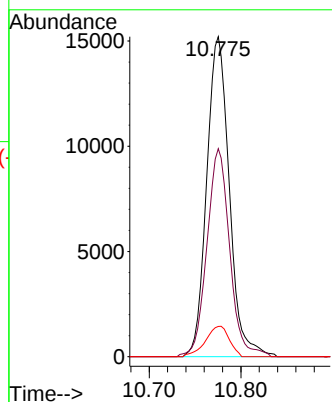
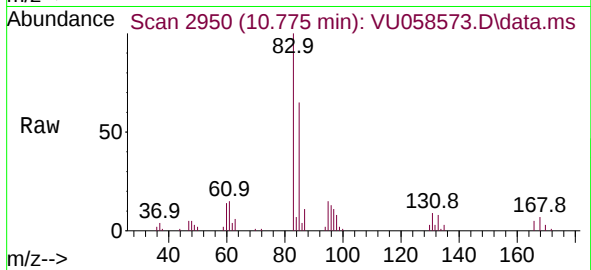
Tgt Ion: 83 Resp: 26033

Ion Ratio Lower Upper

83 100

85 65.0 45.1 83.7

131 9.5 6.9 10.3



#59

Bromoform

Concen: 4.356 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU058573.D

Acq: 10 Apr 2024 20:27

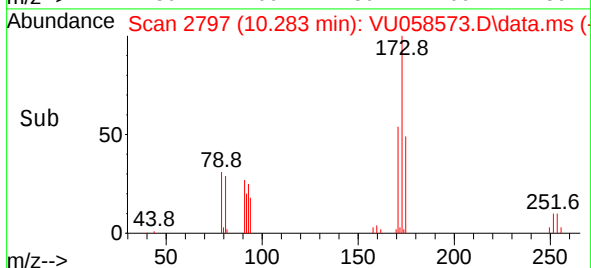
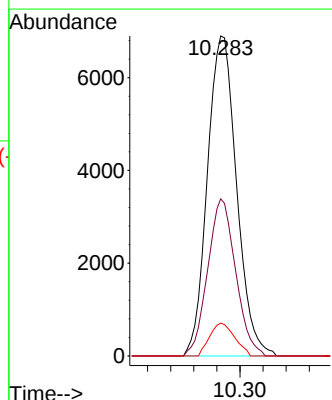
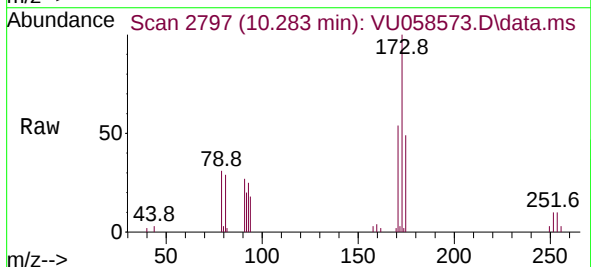
Tgt Ion:173 Resp: 12126

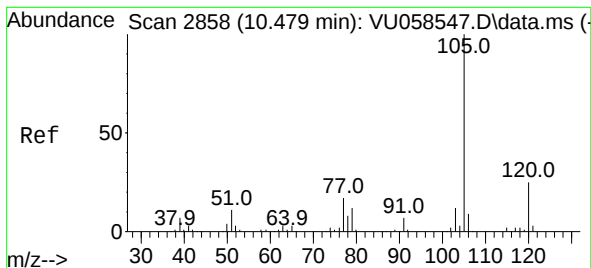
Ion Ratio Lower Upper

173 100

175 46.9 38.0 57.0

254 8.7 7.5 11.3





#60

Isopropylbenzene

Concen: 4.325 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.003 min

Lab File: VU058573.D

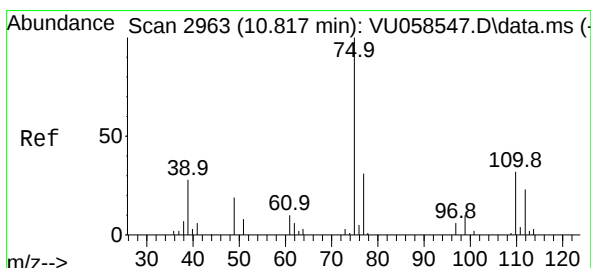
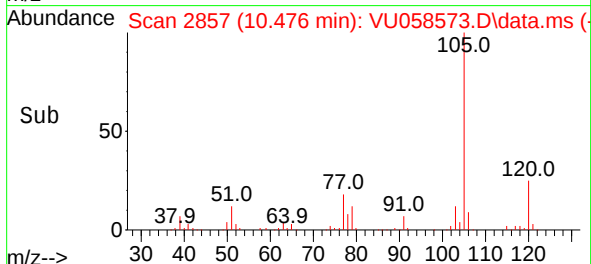
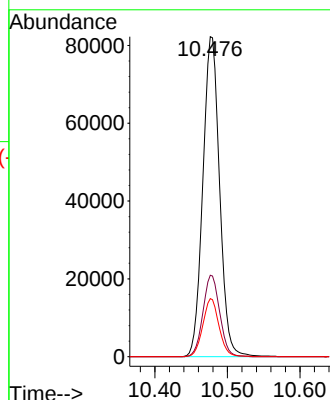
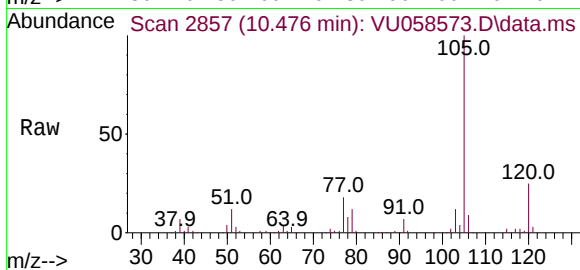
Acq: 10 Apr 2024 20:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105	Resp:	131922
Ion	Ratio	Lower Upper
105	100	
120	25.4	20.2 30.4
77	17.6	13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 4.395 ug/L

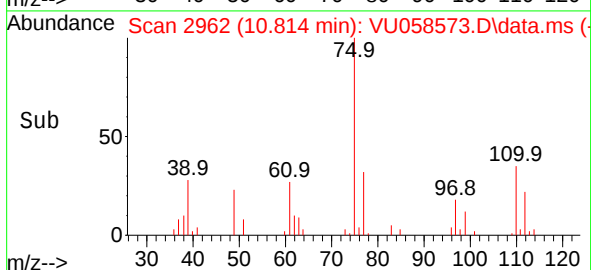
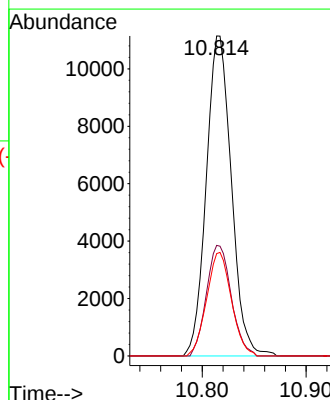
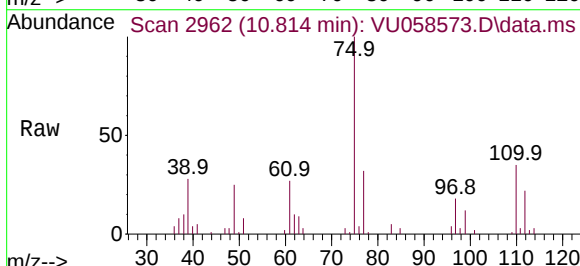
RT: 10.814 min Scan# 2962

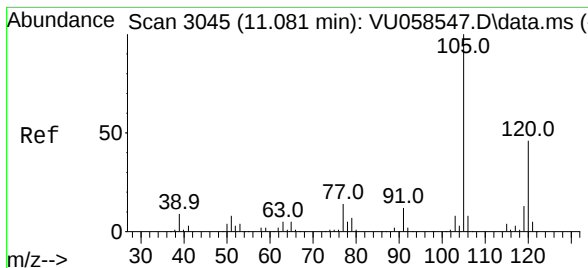
Delta R.T. -0.003 min

Lab File: VU058573.D

Acq: 10 Apr 2024 20:27

Tgt Ion: 75	Resp:	18688
Ion	Ratio	Lower Upper
75	100	
110	34.2	25.8 38.6
77	31.9	25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 4.254 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU058573.D

Acq: 10 Apr 2024 20:27

Instrument :

MSVOA_U

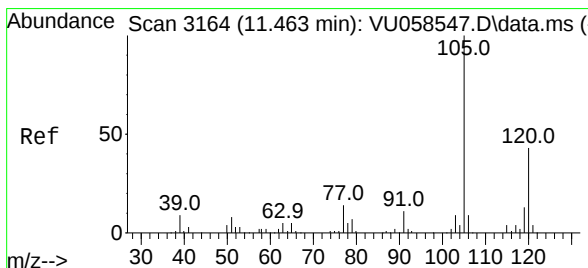
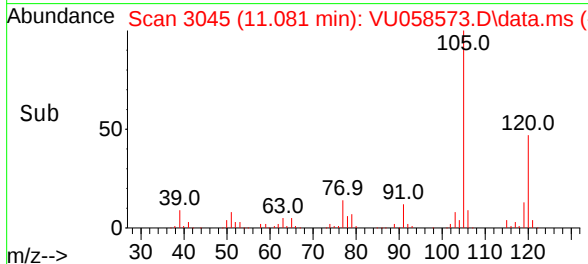
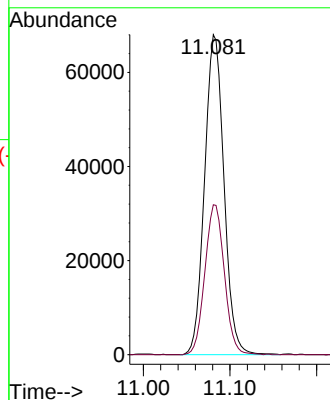
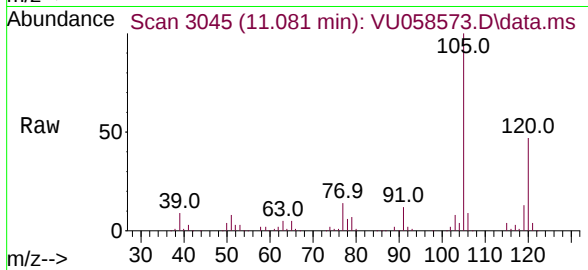
ClientSampleId :

Tgt Ion:105 Resp: 105828

Ion Ratio Lower Upper

105 100

120 47.1 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 4.264 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU058573.D

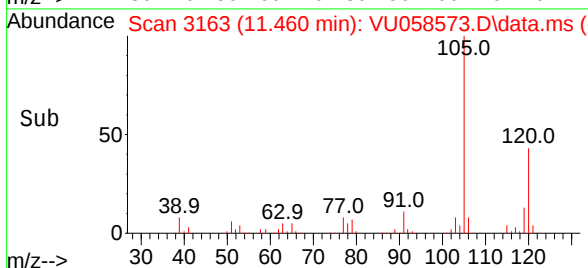
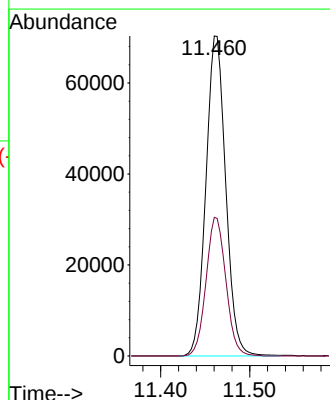
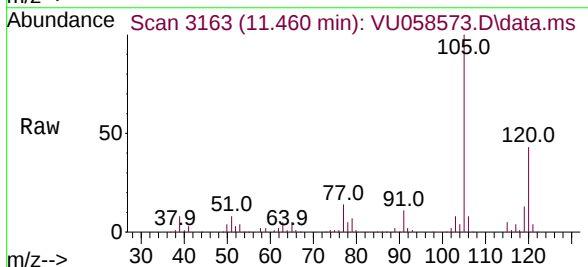
Acq: 10 Apr 2024 20:27

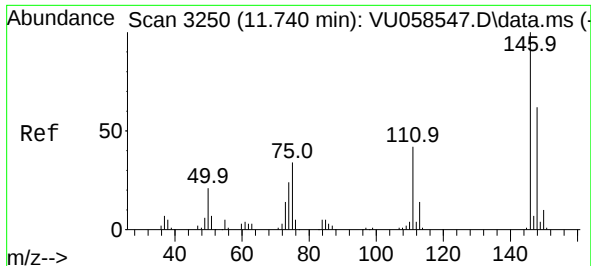
Tgt Ion:105 Resp: 108299

Ion Ratio Lower Upper

105 100

120 43.3 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 4.186 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU058573.D

Acq: 10 Apr 2024 20:27

Instrument :

MSVOA_U

ClientSampleId :

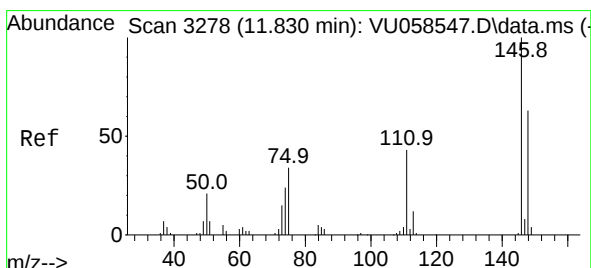
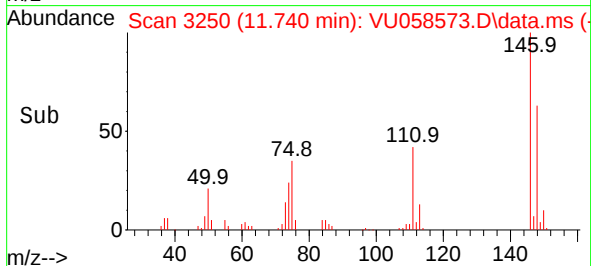
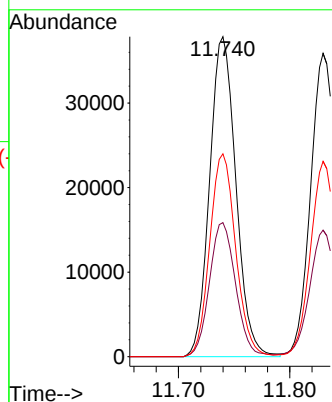
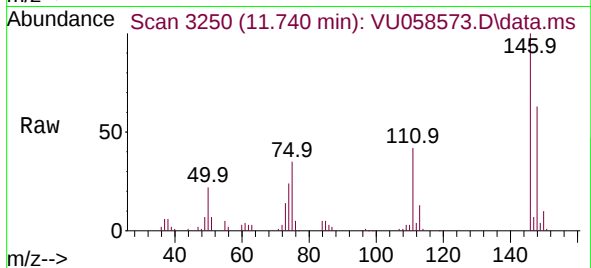
Tgt Ion:146 Resp: 62021

Ion Ratio Lower Upper

146 100

111 41.9 28.8 53.4

148 63.4 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 4.101 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU058573.D

Acq: 10 Apr 2024 20:27

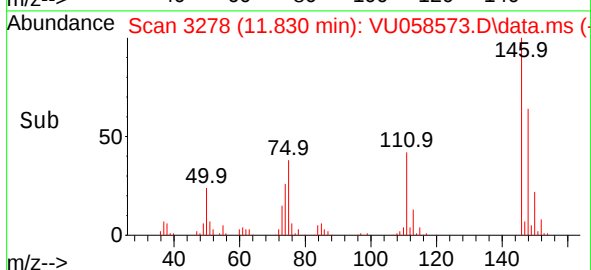
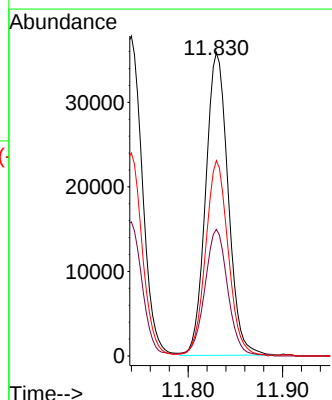
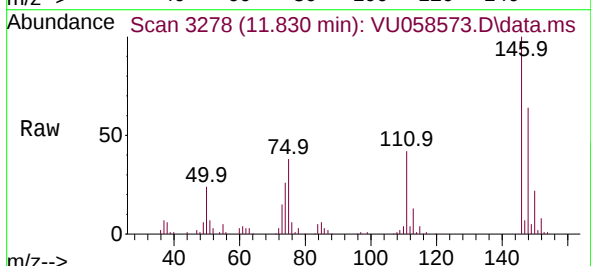
Tgt Ion:146 Resp: 59210

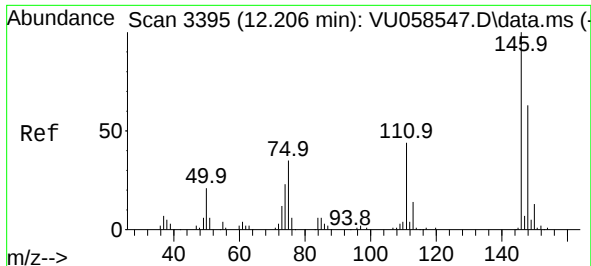
Ion Ratio Lower Upper

146 100

111 41.7 28.8 53.6

148 64.4 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.120 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

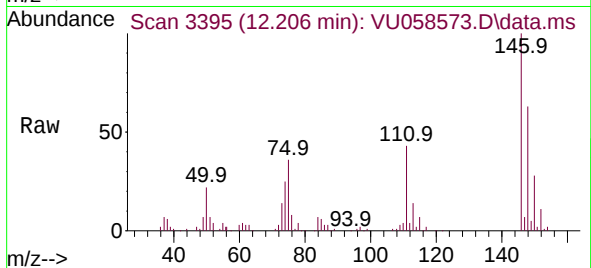
Lab File: VU058573.D

Acq: 10 Apr 2024 20:27

Instrument :

MSVOA_U

ClientSampleId :



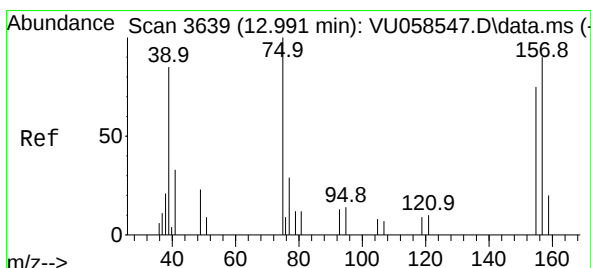
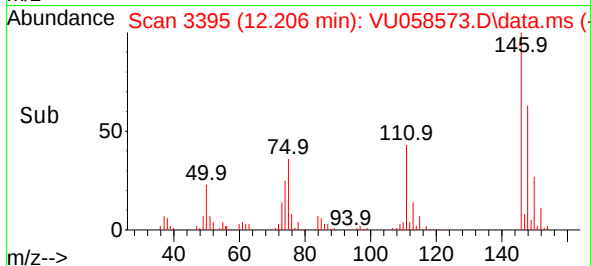
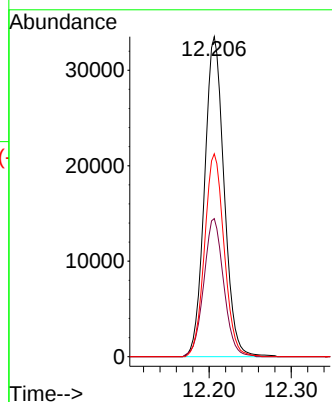
Tgt Ion:146 Resp: 55527

Ion Ratio Lower Upper

146 100

111 43.2 35.0 52.4

148 63.4 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.535 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU058573.D

Acq: 10 Apr 2024 20:27

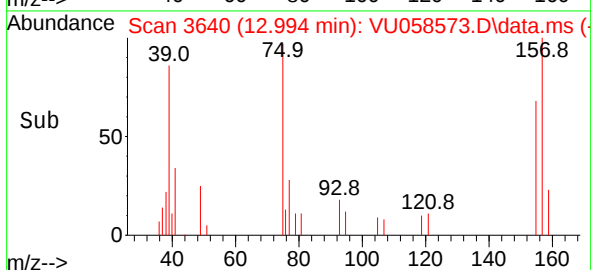
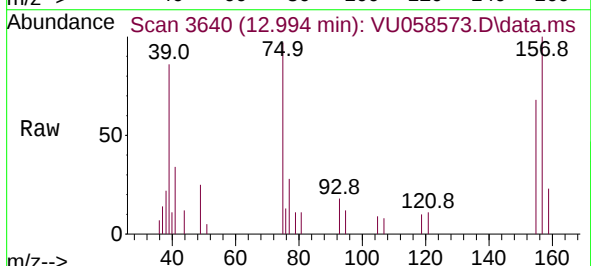
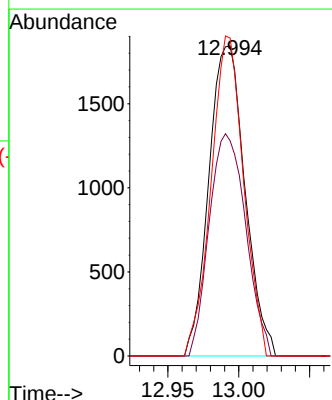
Tgt Ion: 75 Resp: 3270

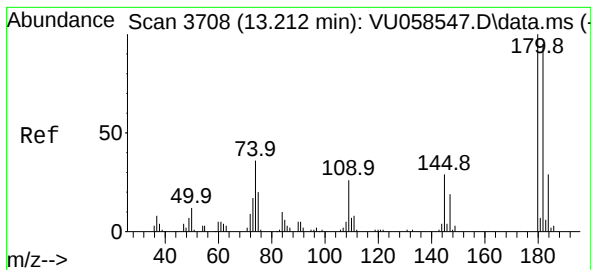
Ion Ratio Lower Upper

75 100

155 69.5 61.4 92.0

157 102.6 81.7 122.5





#69

1,3,5-Trichlorobenzene

Concen: 3.918 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.000 min

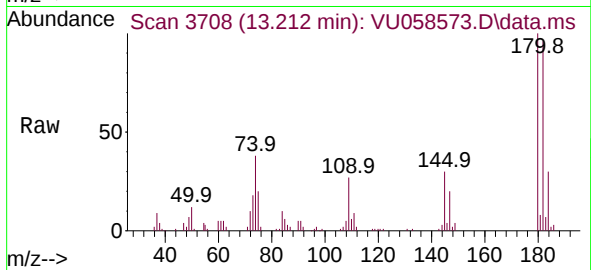
Lab File: VU058573.D

Acq: 10 Apr 2024 20:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 42931

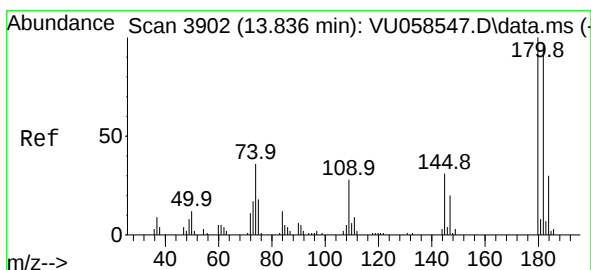
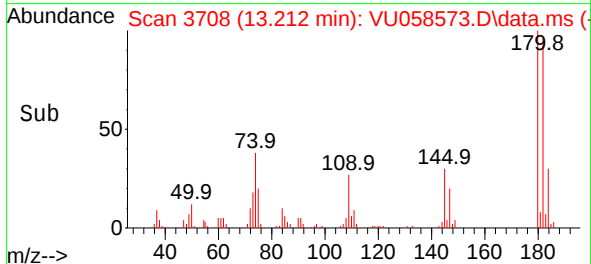
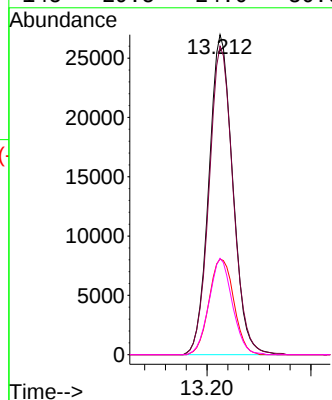
Ion Ratio Lower Upper

180 100

182 97.1 75.7 113.5

184 31.1 24.3 36.5

145 29.5 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 3.627 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU058573.D

Acq: 10 Apr 2024 20:27

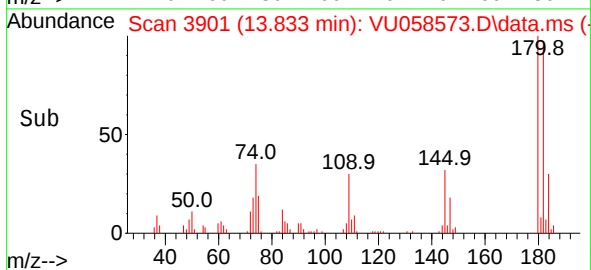
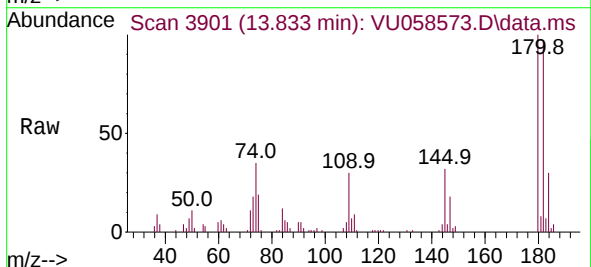
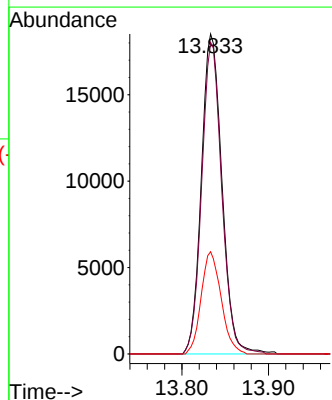
Tgt Ion:180 Resp: 30647

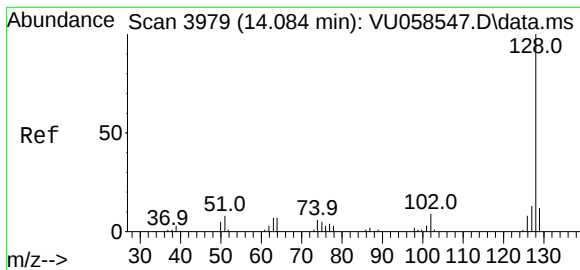
Ion Ratio Lower Upper

180 100

182 94.6 74.4 111.6

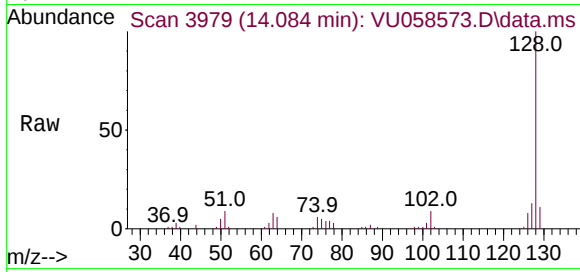
145 30.9 24.1 36.1



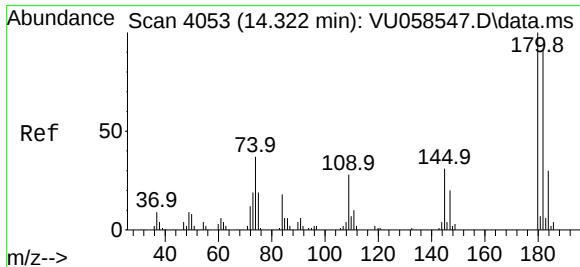
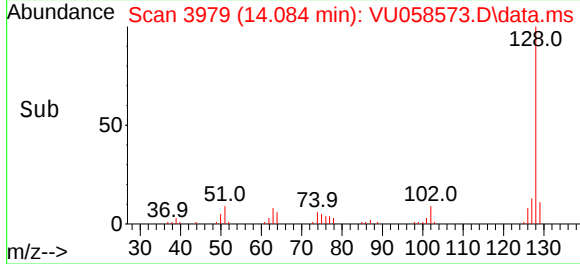
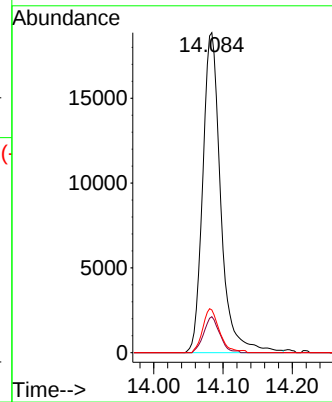


#71
Naphthalene
Concen: 2.948 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 34137
Ion Ratio Lower Upper
128 100
129 9.9 8.6 13.0
127 12.8 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 3.573 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU058573.D
Acq: 10 Apr 2024 20:27

Tgt Ion:180 Resp: 24930
Ion Ratio Lower Upper
180 100
182 95.0 75.9 113.9
145 33.7 25.2 37.8

