

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058500.D
 Acq On : 09 Apr 2024 04:00
 Operator : MD/SY
 Sample : P2013-15MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 05:55:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 05:30:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	74223	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	72305	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	36097	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	14091	2.868	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.400%
7) Chloroethane-d5	1.907	69	14497	3.395	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.800%
11) 1,1-Dichloroethene-d2	2.560	65	6636	2.984	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.600%#
20) 2-Butanone-d5	4.624	46	57732	55.748	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.500%
24) Chloroform-d	5.052	84	44023	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.692	65	20160	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.718	84	71680	3.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.600%
36) 1,2-Dichloropropane-d6	6.682	67	25435	4.166	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.891	98	61165	3.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	8.174	79	7972	4.207	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.627	63	41084	52.564	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.120%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20061	4.655	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	24307	3.998	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	30993	5.010	ug/L	98
3) Chloromethane	1.515	50	38297	5.058	ug/L	98
5) Vinyl chloride	1.599	62	61563	8.142	ug/L	99
6) Bromomethane	1.853	94	14121	3.947	ug/L	99
8) Chloroethane	1.927	64	25520	5.342	ug/L	96
9) Trichlorofluoromethane	2.132	101	52731	5.281	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	30561	5.151	ug/L	97
12) 1,1-Dichloroethene	2.573	96	27383	5.206	ug/L	87
13) Acetone	2.637	43	42914	48.552	ug/L	98
14) Carbon disulfide	2.785	76	86074	5.151	ug/L	99
15) Methyl Acetate	2.946	43	8444	4.049	ug/L	95
16) Methylene chloride	3.036	84	32574	4.666	ug/L	96
17) Methyl tert-butyl Ether	3.351	73	65671	5.285	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	30901	5.605	ug/L	97
19) 1,1-Dichloroethane	3.856	63	67131	5.579	ug/L	98
21) 2-Butanone	4.701	43	67424	51.036	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	101761	16.437	ug/L	97
23) Bromochloromethane	4.965	128	13535	5.549	ug/L	99
25) Chloroform	5.078	83	64575	5.545	ug/L	99

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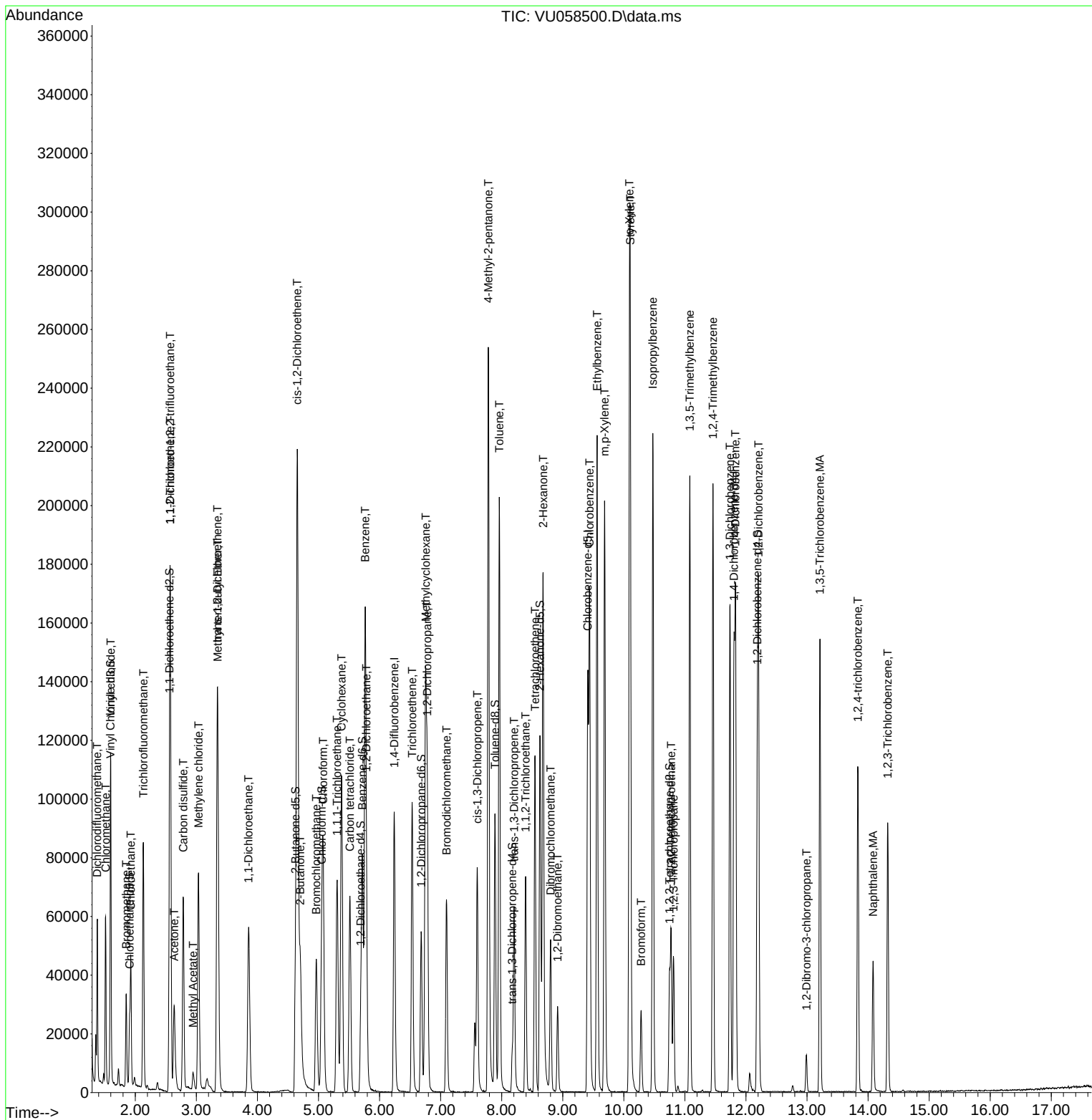
Instrument :
 MSVOA_U
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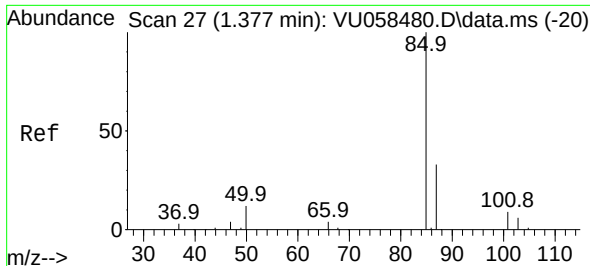
Quant Time: Apr 09 05:55:11 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 05:30:00 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	38402	5.415	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	51620	5.325	ug/L	99
30) Cyclohexane	5.377	56	52484	5.126	ug/L	98
31) Carbon tetrachloride	5.515	117	44129	5.375	ug/L	99
33) Benzene	5.766	78	138811	5.296	ug/L	100
34) Trichloroethene	6.534	95	34183	5.174	ug/L	96
35) Methylcyclohexane	6.756	83	48325	4.855	ug/L	96
37) 1,2-Dichloropropane	6.782	63	38101	5.525	ug/L	99
38) Bromodichloromethane	7.097	83	42679	5.422	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	43828	4.998	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	174182	53.663	ug/L	99
42) Toluene	7.962	91	144801	5.267	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	34669	5.013	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	21495	5.337	ug/L	96
47) Tetrachloroethene	8.547	164	24046	4.965	ug/L	99
48) 2-Hexanone	8.679	43	119249	51.751	ug/L	99
49) Dibromochloromethane	8.801	129	25174	5.406	ug/L	98
50) 1,2-Dibromoethane	8.917	107	19456	5.282	ug/L	98
51) Chlorobenzene	9.441	112	86705	5.212	ug/L	99
52) Ethylbenzene	9.563	91	151637	5.206	ug/L	100
53) m,p-Xylene	9.685	106	53536	5.133	ug/L	98
54) o-Xylene	10.094	106	53354	5.218	ug/L	98
55) Styrene	10.106	104	88407	5.374	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	26730	5.381	ug/L	99
59) Bromoform	10.283	173	12530	5.195	ug/L	99
60) Isopropylbenzene	10.476	105	137252	5.194	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	19119	5.191	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	109196	5.067	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	111057	5.047	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	64267	5.007	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	60182	4.812	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	58166	4.981	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	3568	5.713	ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	44128	4.649	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	32059	4.380	ug/L	99
71) Naphthalene	14.084	128	36381	3.627	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	26501	4.384	ug/L	99

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

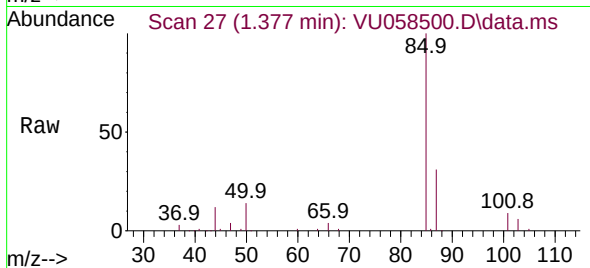
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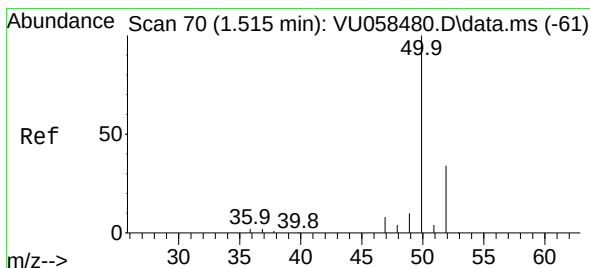
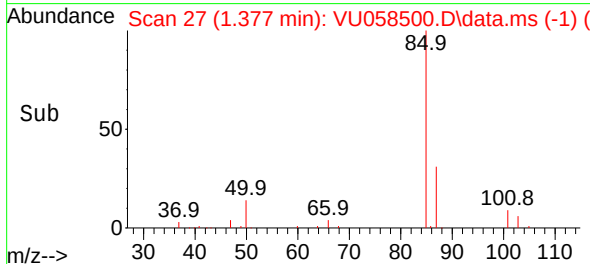
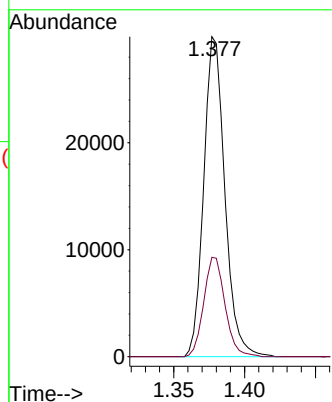


#2
 Dichlorodifluoromethane
 Concen: 5.010 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU058500.D
 Acq: 09 Apr 2024 04:00

Instrument :
 MSVOA_U
 ClientSampleId :

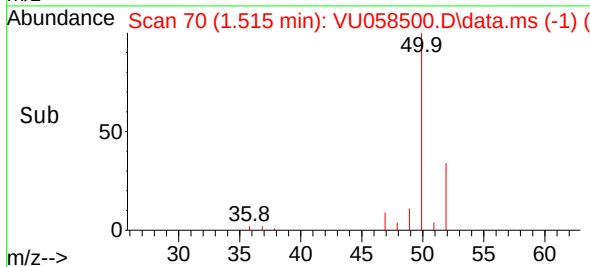
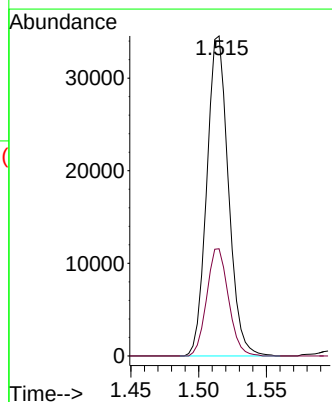
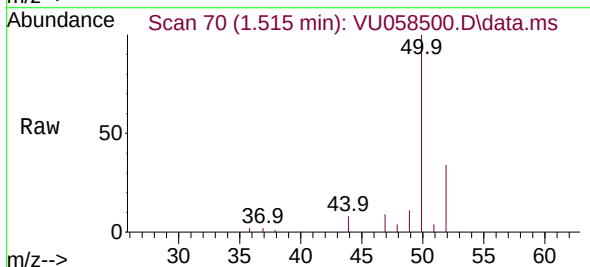


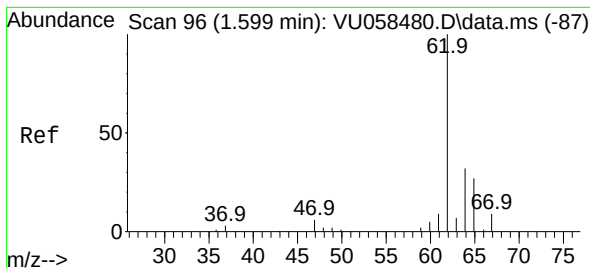
Tgt Ion: 85 Resp: 30993
 Ion Ratio Lower Upper
 85 100
 87 31.3 25.9 38.9



#3
 Chloromethane
 Concen: 5.058 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU058500.D
 Acq: 09 Apr 2024 04:00

Tgt Ion: 50 Resp: 38297
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.6 42.0





#5

Vinyl chloride

Concen: 8.142 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU058500.D

Acq: 09 Apr 2024 04:00

Instrument :

MSVOA_U

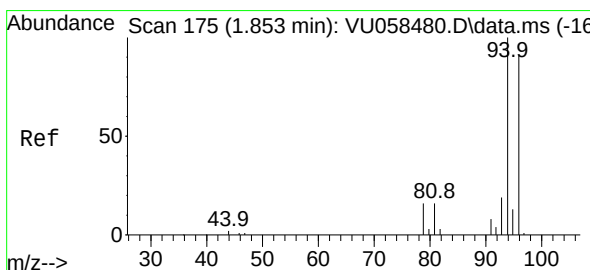
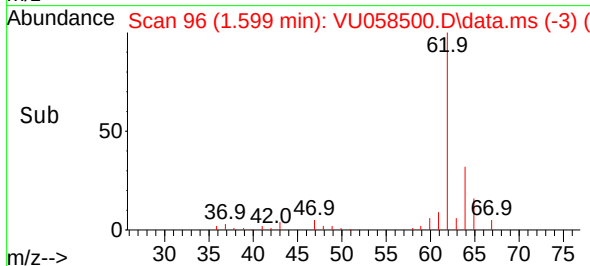
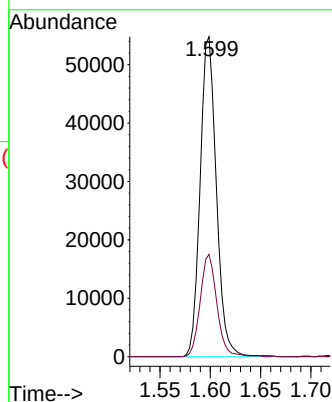
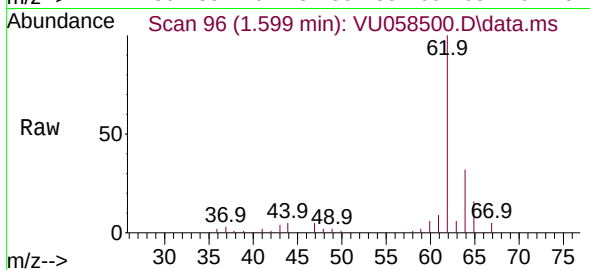
ClientSampleId :

Tgt Ion: 62 Resp: 61563

Ion Ratio Lower Upper

62 100

64 32.0 22.6 42.0



#6

Bromomethane

Concen: 3.947 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU058500.D

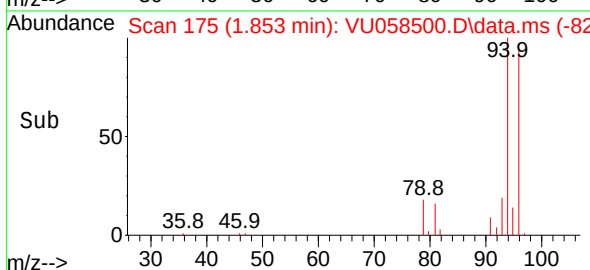
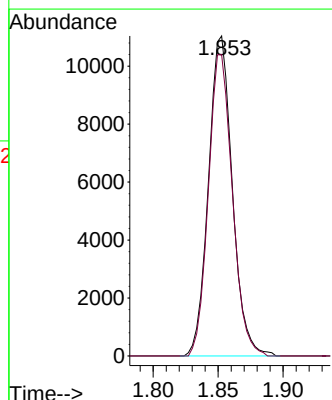
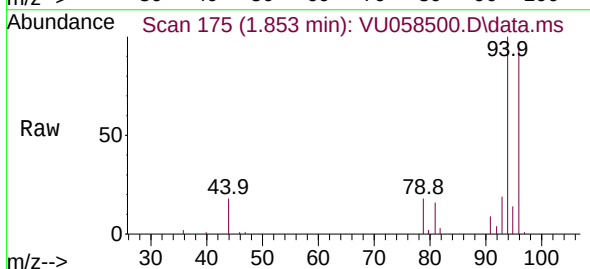
Acq: 09 Apr 2024 04:00

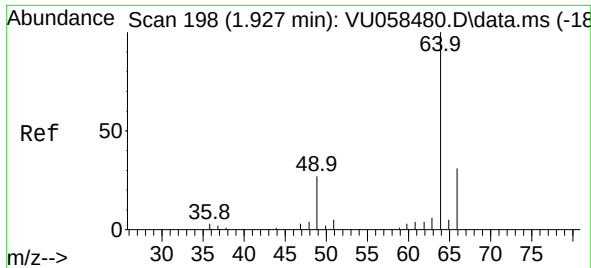
Tgt Ion: 94 Resp: 14121

Ion Ratio Lower Upper

94 100

96 94.2 65.4 121.4

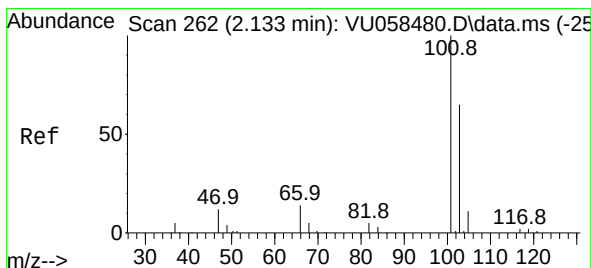
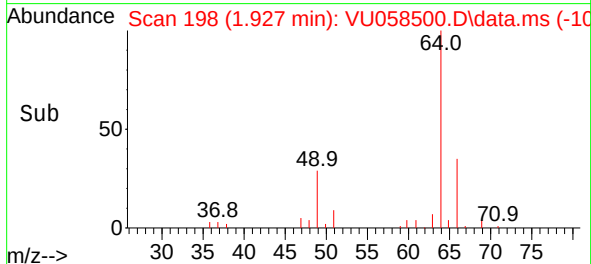
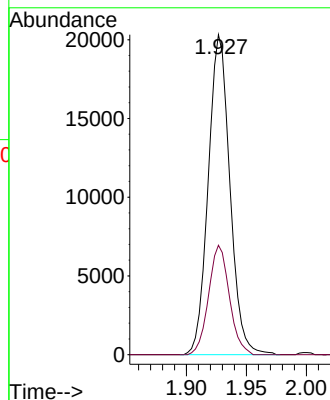
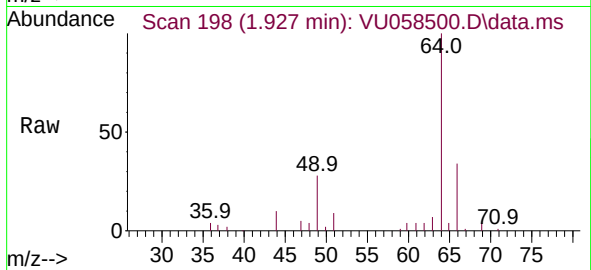




#8
Chloroethane
Concen: 5.342 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

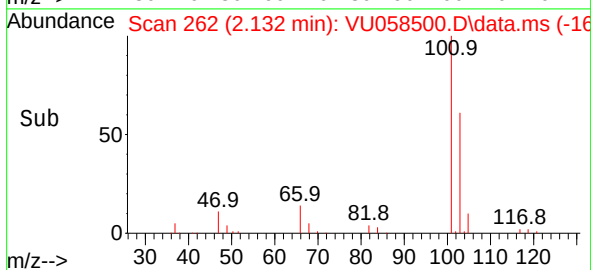
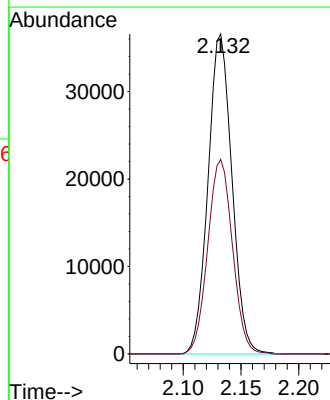
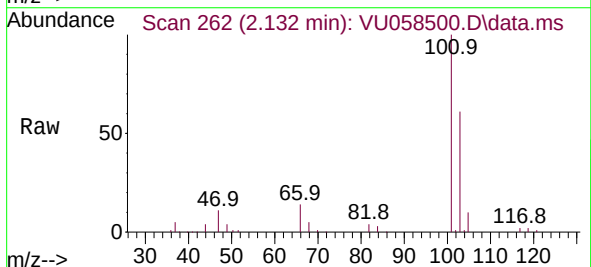
Instrument :
MSVOA_U
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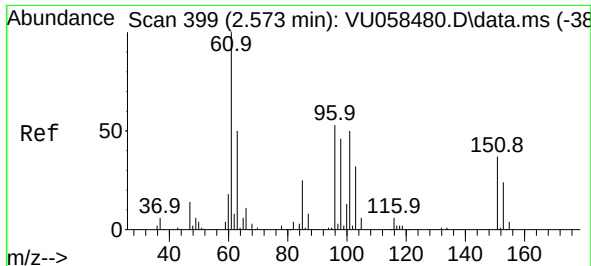
Tgt Ion: 64 Resp: 25520
Ion Ratio Lower Upper
64 100
66 34.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 5.281 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

Tgt Ion:101 Resp: 52731
Ion Ratio Lower Upper
101 100
103 62.8 51.2 76.8

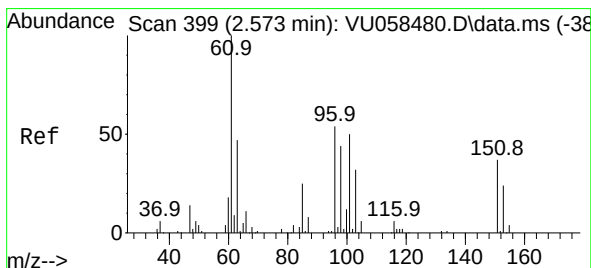
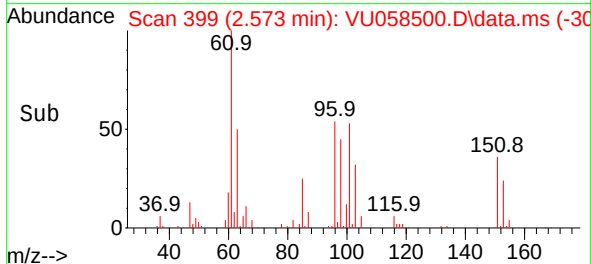
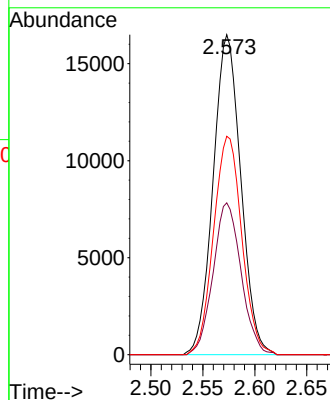
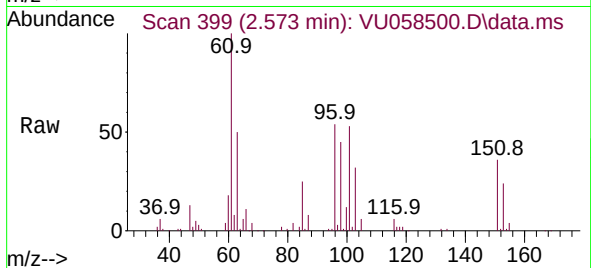




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.151 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

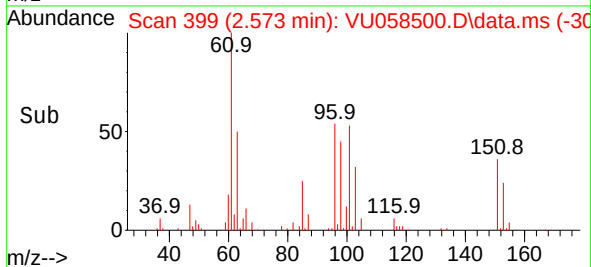
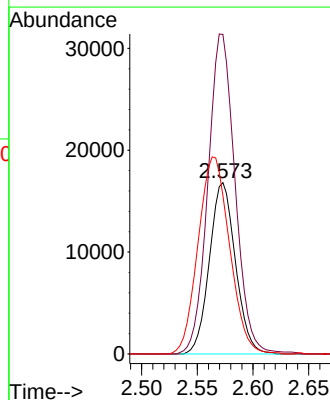
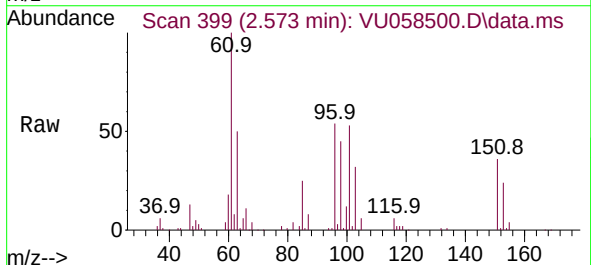
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ClientSampleId :

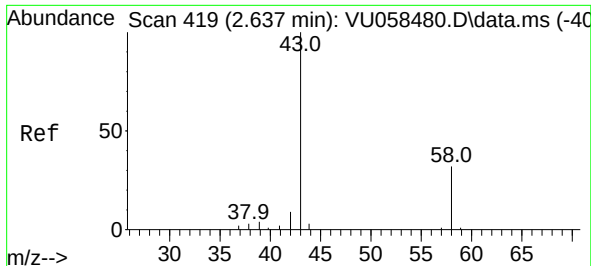
Tgt Ion:101 Resp: 30561
Ion Ratio Lower Upper
101 100
85 48.0 36.8 55.2
151 69.7 58.2 87.4



#12
1,1-Dichloroethene
Concen: 5.206 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

Tgt Ion: 96 Resp: 27383
Ion Ratio Lower Upper
96 100
61 186.4 132.5 246.1
63 92.5 87.7 162.9





#13

Acetone

Concen: 48.552 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.000 min

Lab File: VU058500.D

Acq: 09 Apr 2024 04:00

Instrument :

MSVOA_U

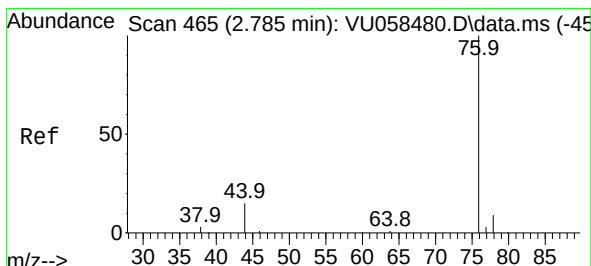
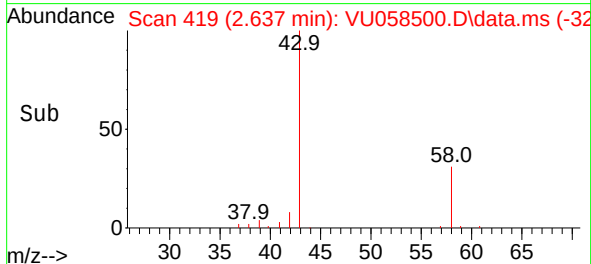
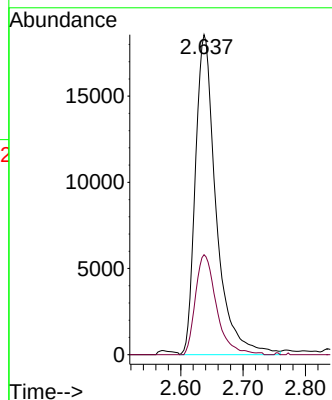
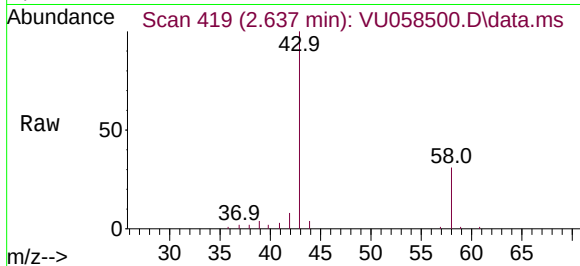
ClientSampleId :

Tgt Ion: 43 Resp: 42914

Ion Ratio Lower Upper

43 100

58 31.6 0.0 61.4



#14

Carbon disulfide

Concen: 5.151 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU058500.D

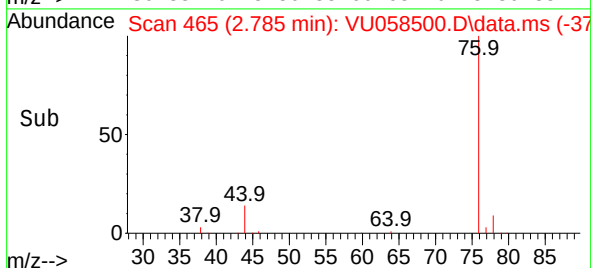
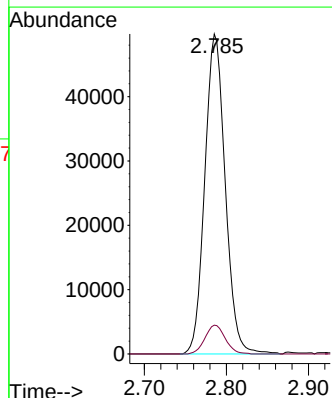
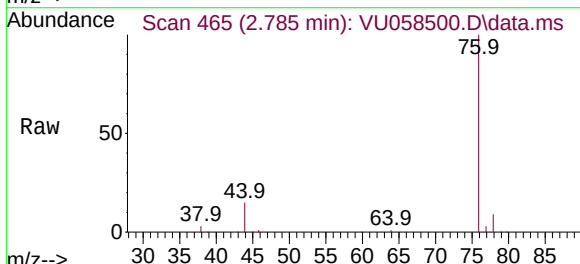
Acq: 09 Apr 2024 04:00

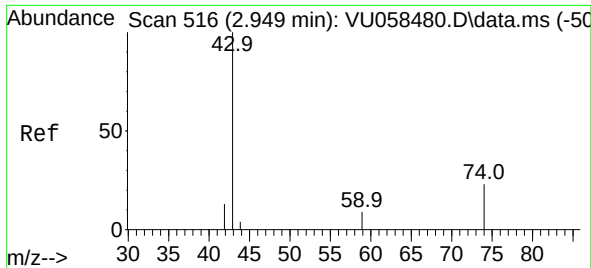
Tgt Ion: 76 Resp: 86074

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3





#15

Methyl Acetate

Concen: 4.049 ug/L

RT: 2.946 min Scan# 516

Delta R.T. -0.003 min

Lab File: VU058500.D

Acq: 09 Apr 2024 04:00

Instrument :

MSVOA_U

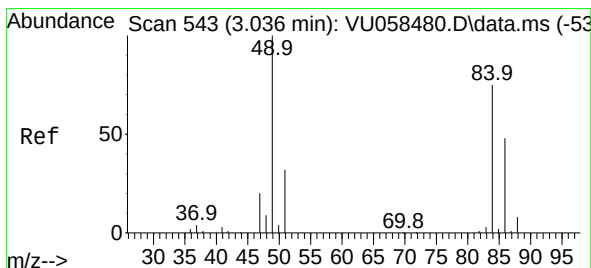
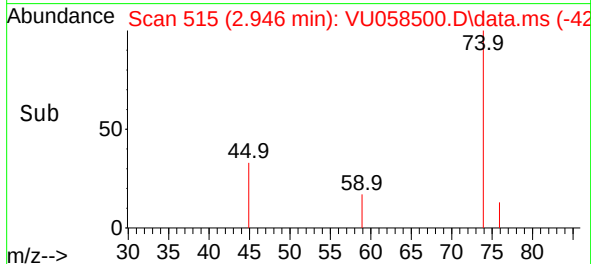
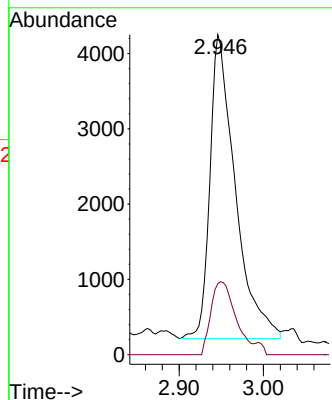
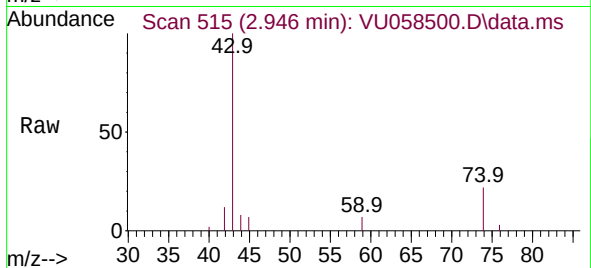
ClientSampleId :

Tgt Ion: 43 Resp: 8444

Ion Ratio Lower Upper

43 100

74 23.2 16.6 25.0



#16

Methylene chloride

Concen: 4.666 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU058500.D

Acq: 09 Apr 2024 04:00

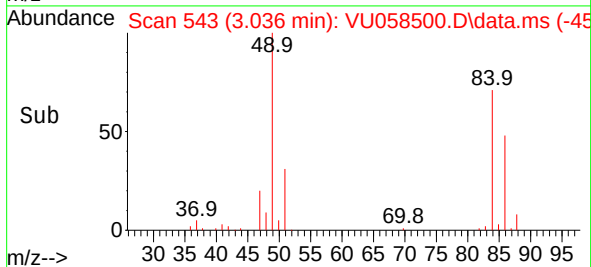
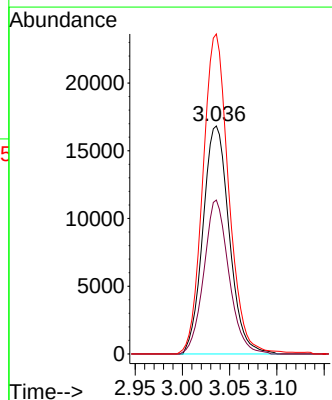
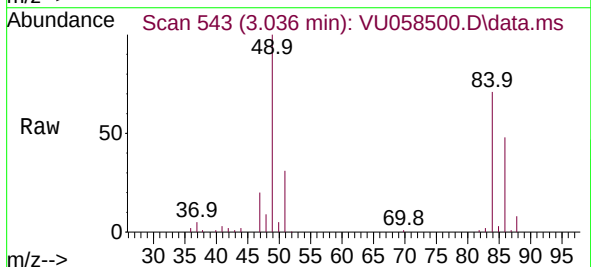
Tgt Ion: 84 Resp: 32574

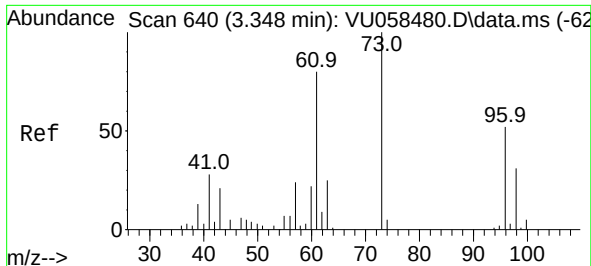
Ion Ratio Lower Upper

84 100

86 67.5 44.3 82.3

49 140.4 96.0 178.2

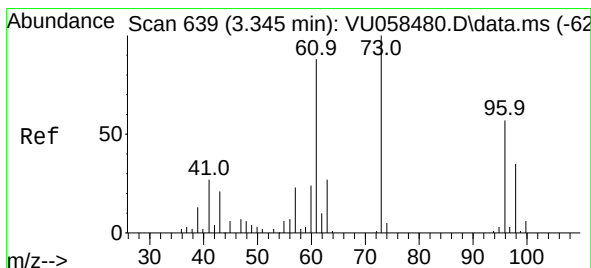
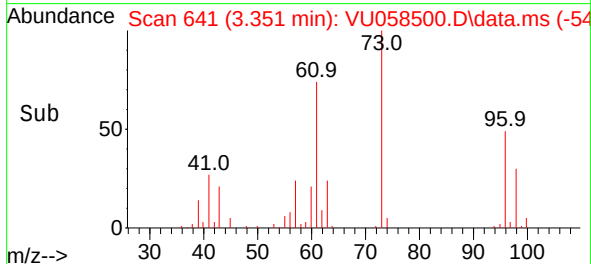
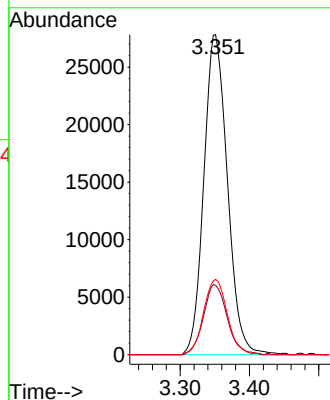
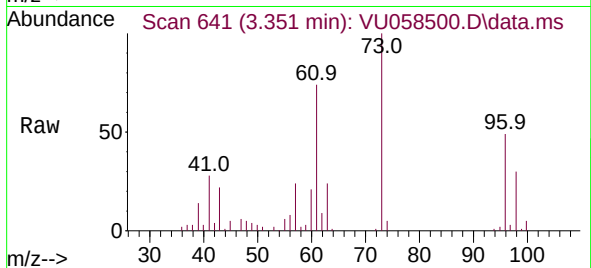




#17
Methyl tert-butyl Ether
Concen: 5.285 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

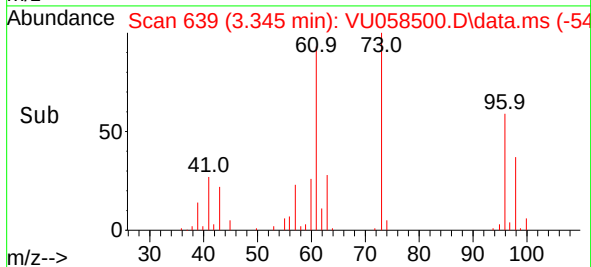
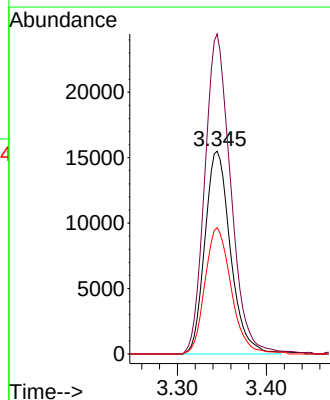
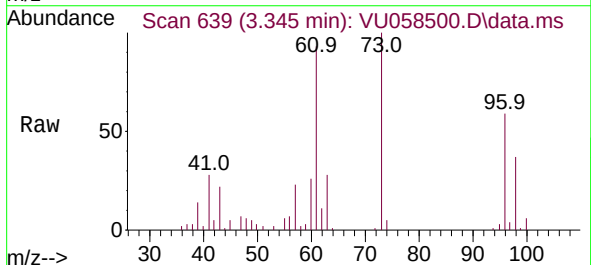
Instrument :
MSVOA_U
ClientSampleId :

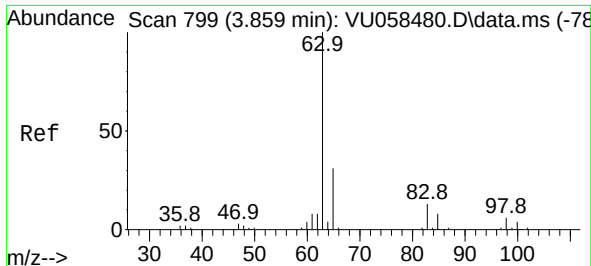
Tgt Ion: 73 Resp: 65671
Ion Ratio Lower Upper
73 100
43 22.1 17.4 26.2
57 23.5 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 5.605 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

Tgt Ion: 96 Resp: 30901
Ion Ratio Lower Upper
96 100
61 157.8 107.6 199.8
98 62.3 45.1 83.7

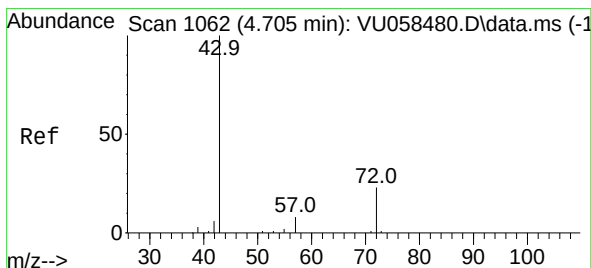
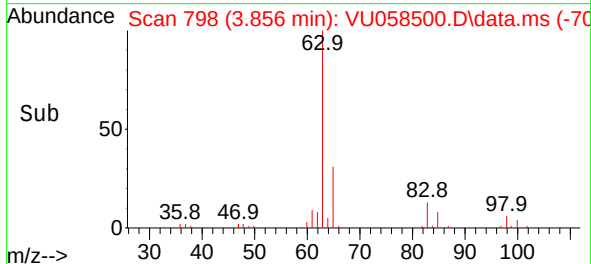
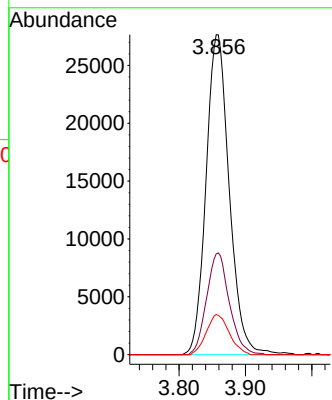
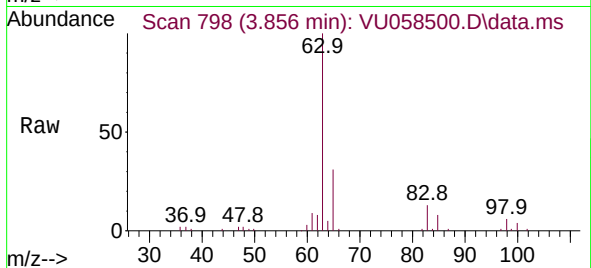




#19
1,1-Dichloroethane
Concen: 5.579 ug/L
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

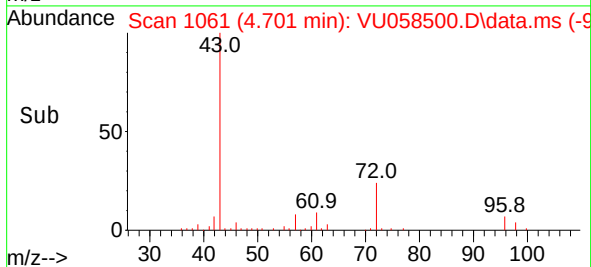
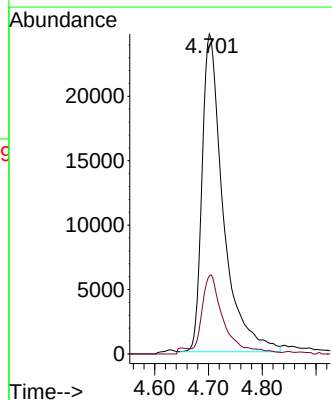
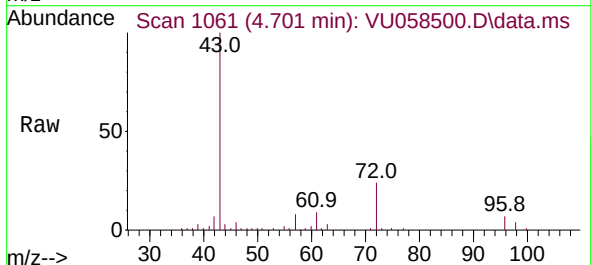
Instrument :
MSVOA_U
ClientSampleId :

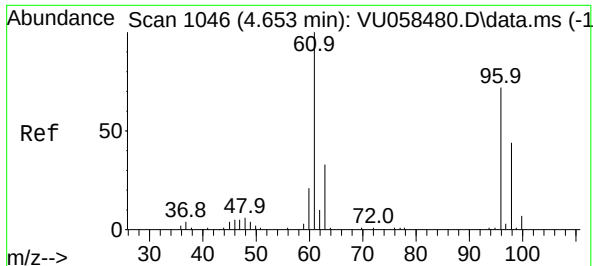
Tgt Ion: 63 Resp: 67131
Ion Ratio Lower Upper
63 100
65 31.5 22.9 42.5
83 12.5 9.6 17.8



#21
2-Butanone
Concen: 51.036 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

Tgt Ion: 43 Resp: 67424
Ion Ratio Lower Upper
43 100
72 24.4 11.7 35.0

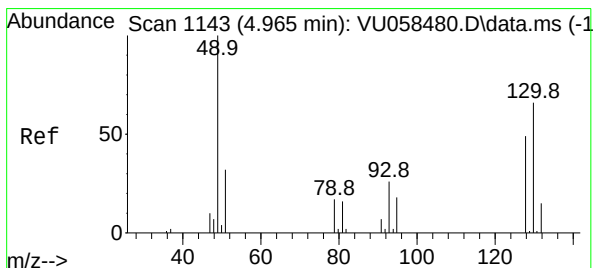
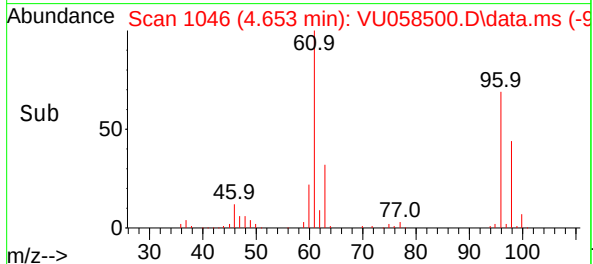
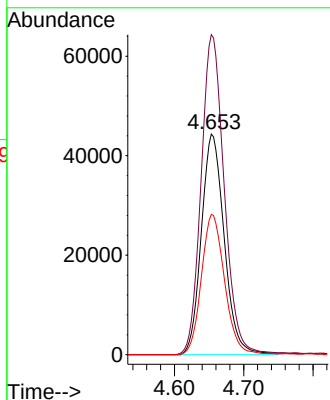
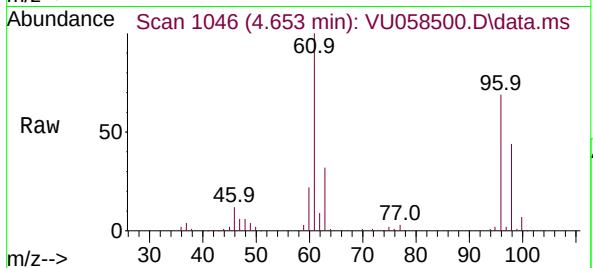




#22
 cis-1,2-Dichloroethene
 Concen: 16.437 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU058500.D
 Acq: 09 Apr 2024 04:00

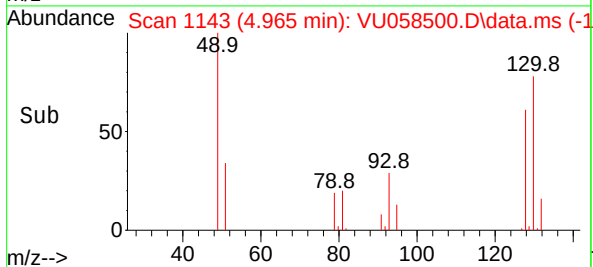
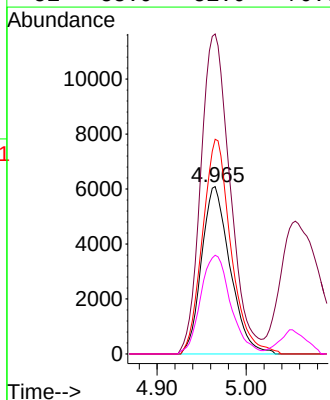
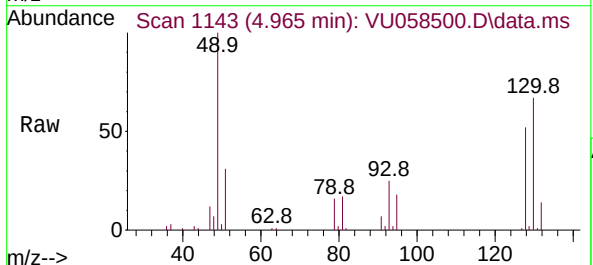
Instrument :
 MSVOA_U
 ClientSampleId :

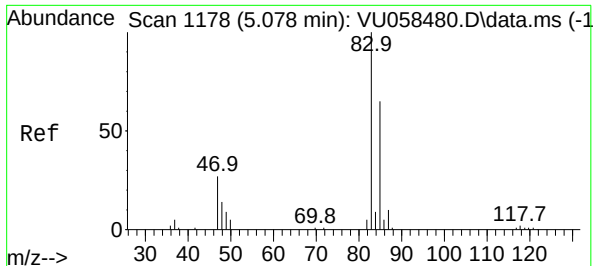
Tgt Ion: 96 Resp: 101761
 Ion Ratio Lower Upper
 96 100
 61 145.0 98.1 182.3
 98 63.6 43.6 81.0



#23
 Bromochloromethane
 Concen: 5.549 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU058500.D
 Acq: 09 Apr 2024 04:00

Tgt Ion: 128 Resp: 13535
 Ion Ratio Lower Upper
 128 100
 49 191.1 134.4 249.6
 130 128.2 90.0 167.2
 51 58.9 51.0 76.6





#25

Chloroform

Concen: 5.545 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU058500.D

Acq: 09 Apr 2024 04:00

Instrument :

MSVOA_U

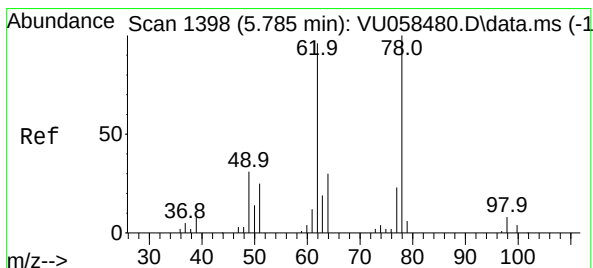
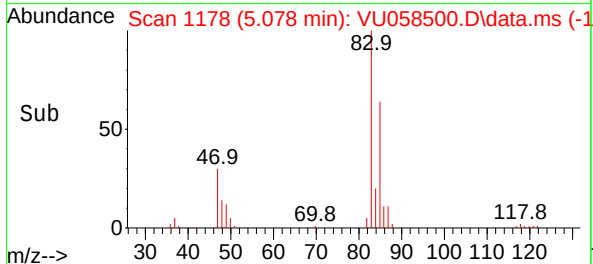
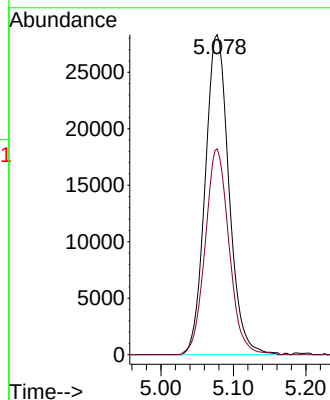
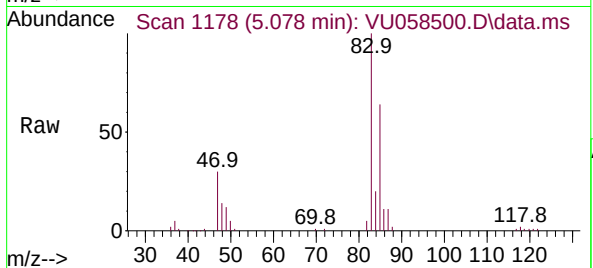
ClientSampleId :

Tgt Ion: 83 Resp: 64575

Ion Ratio Lower Upper

83 100

85 64.3 44.7 83.1



#27

1,2-Dichloroethane

Concen: 5.415 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU058500.D

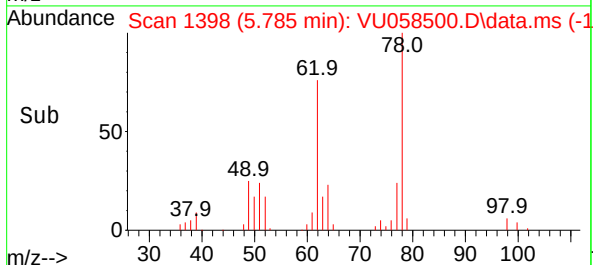
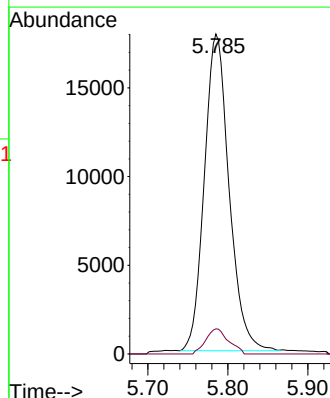
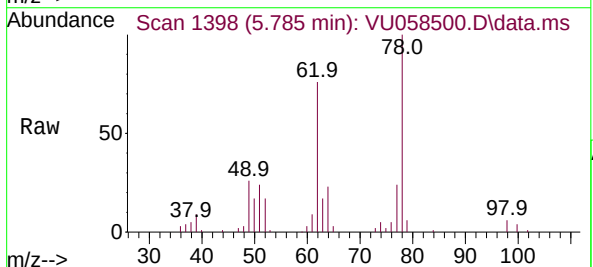
Acq: 09 Apr 2024 04:00

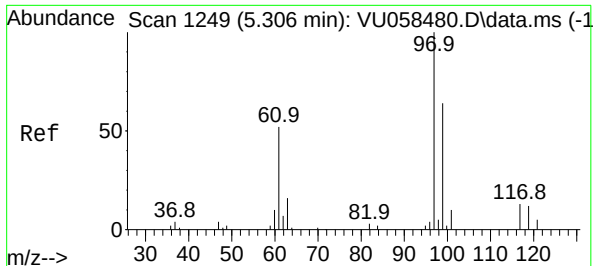
Tgt Ion: 62 Resp: 38402

Ion Ratio Lower Upper

62 100

98 7.9 7.0 10.4

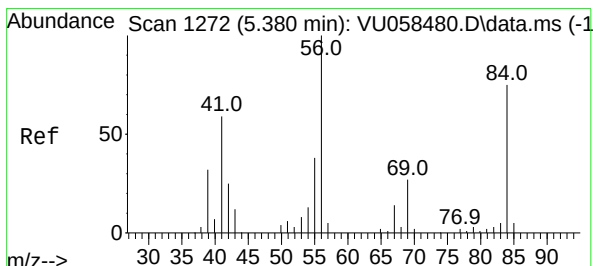
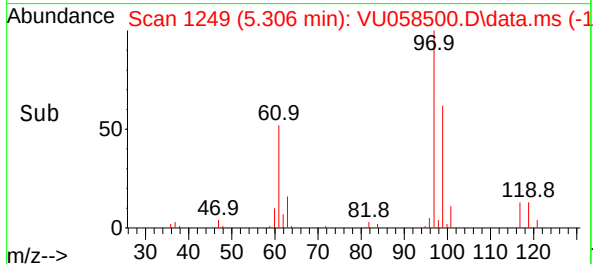
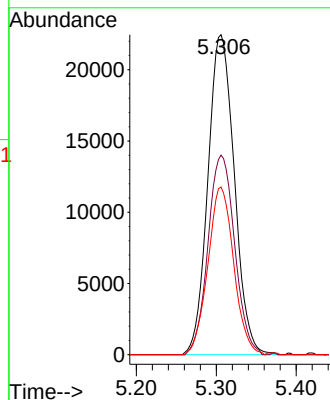
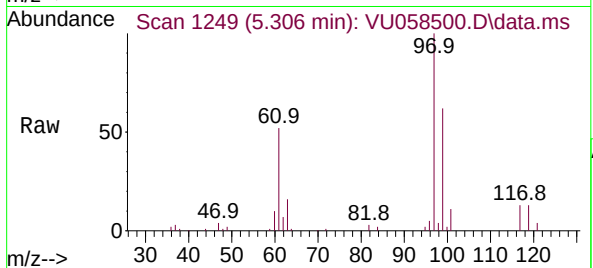




#29
1,1,1-Trichloroethane
Concen: 5.325 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

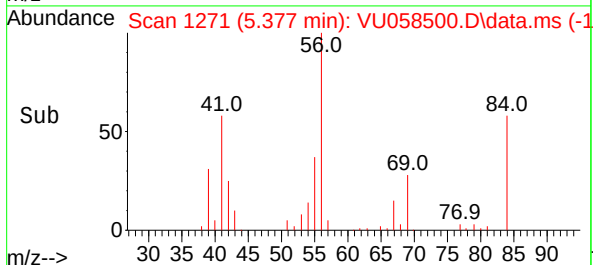
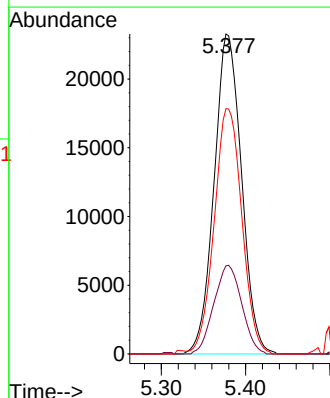
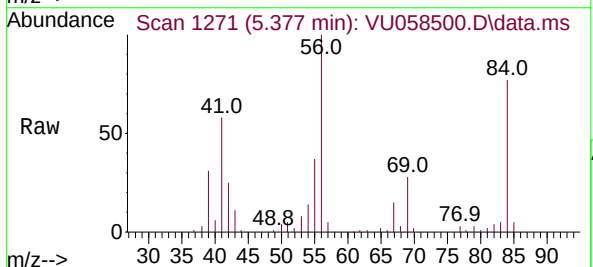
Instrument :
MSVOA_U
ClientSampleId :

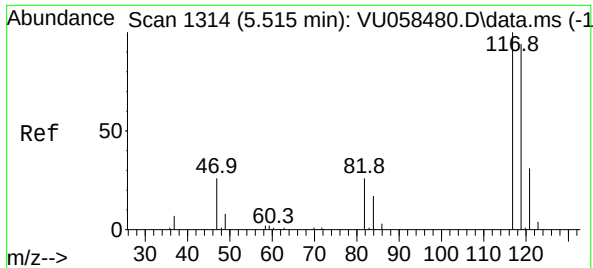
Tgt Ion: 97 Resp: 51620
Ion Ratio Lower Upper
97 100
99 62.9 50.4 75.6
61 51.2 39.4 59.0



#30
Cyclohexane
Concen: 5.126 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

Tgt Ion: 56 Resp: 52484
Ion Ratio Lower Upper
56 100
69 28.2 23.2 34.8
84 77.5 63.3 94.9

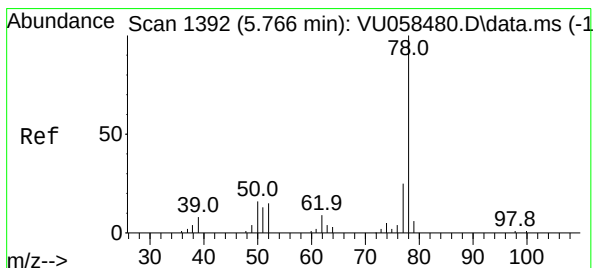
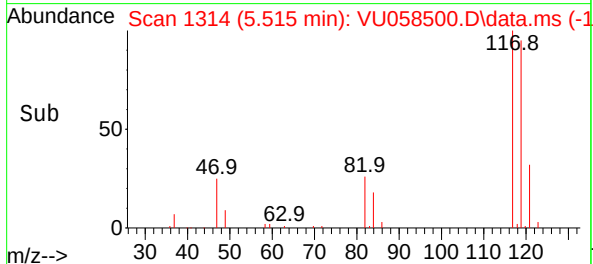
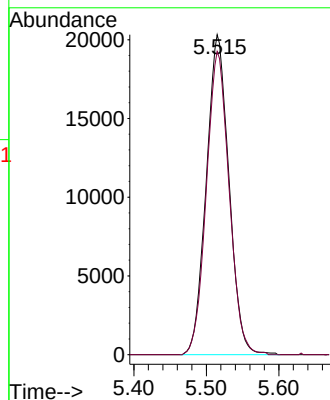
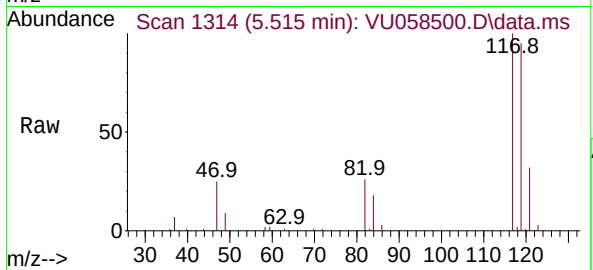




#31
Carbon tetrachloride
Concen: 5.375 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

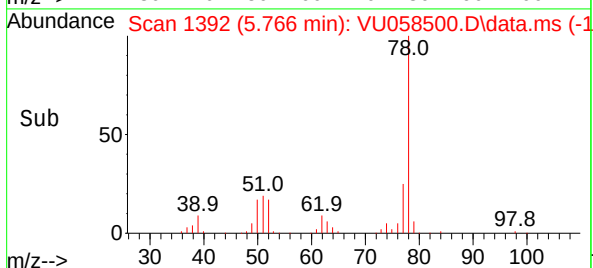
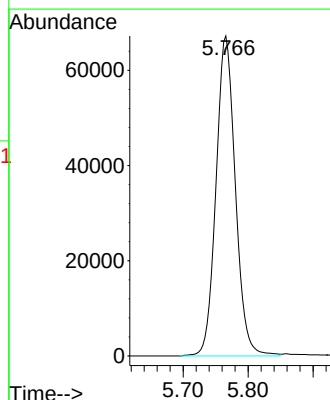
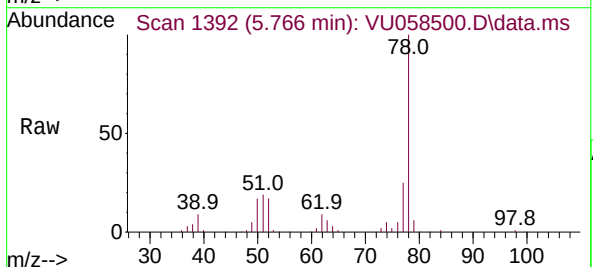
Instrument :
MSVOA_U
ClientSampleId :

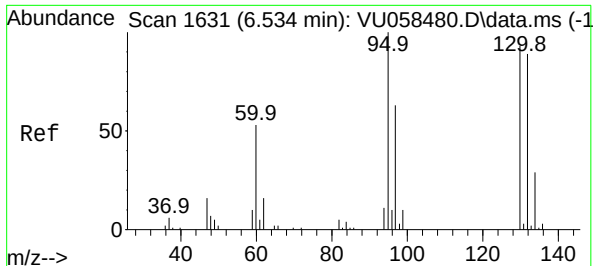
Tgt Ion:117 Resp: 44129
Ion Ratio Lower Upper
117 100
119 95.1 76.7 115.1



#33
Benzene
Concen: 5.296 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

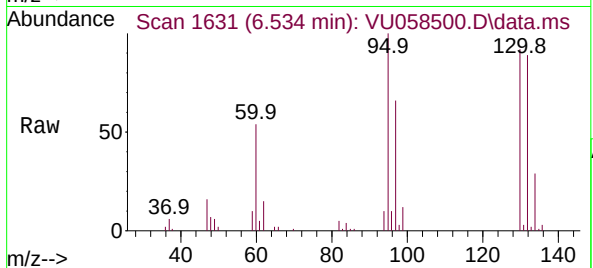
Tgt Ion: 78 Resp: 138811



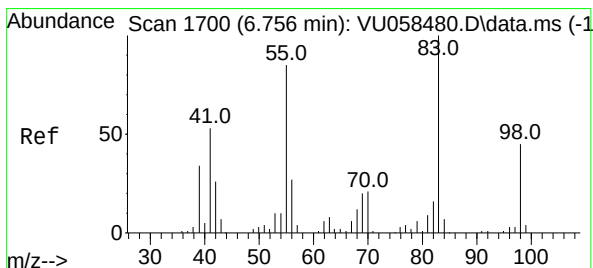
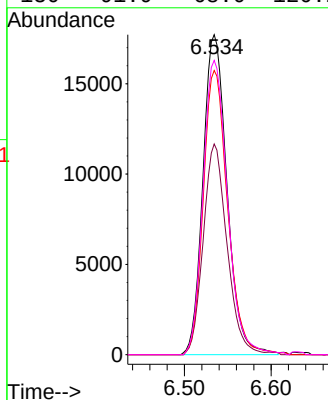
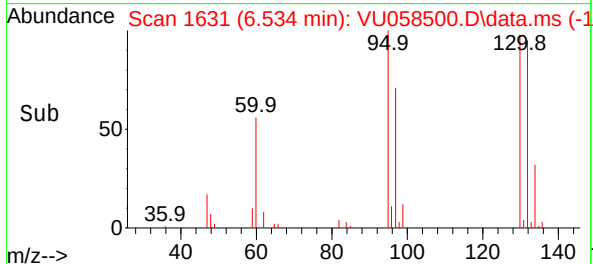


#34
Trichloroethene
Concen: 5.174 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

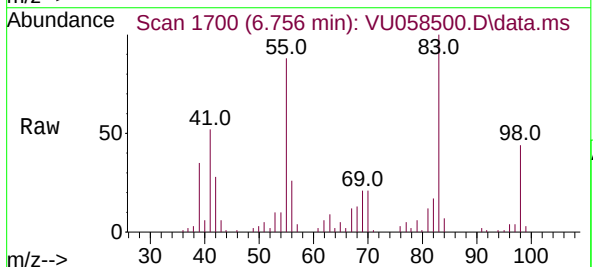
Instrument :
MSVOA_U
ClientSampleId :



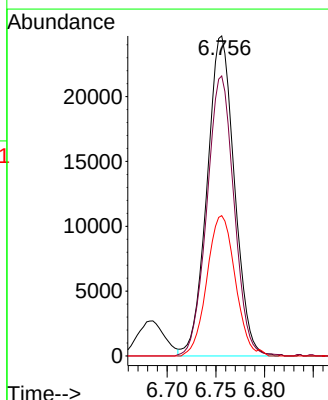
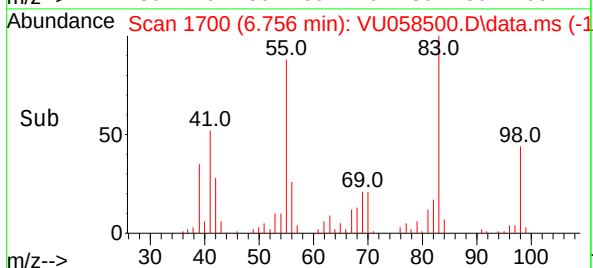
Tgt Ion: 95 Resp: 34183
Ion Ratio Lower Upper
95 100
97 65.9 45.6 84.6
132 88.8 64.8 120.3
130 91.9 68.0 126.2

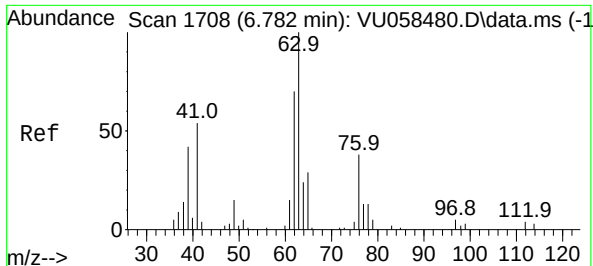


#35
Methylcyclohexane
Concen: 4.855 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00



Tgt Ion: 83 Resp: 48325
Ion Ratio Lower Upper
83 100
55 86.7 66.2 99.4
98 45.3 34.6 52.0

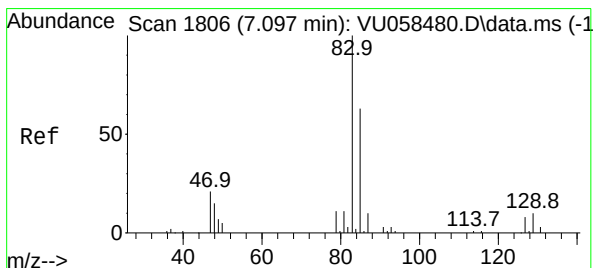
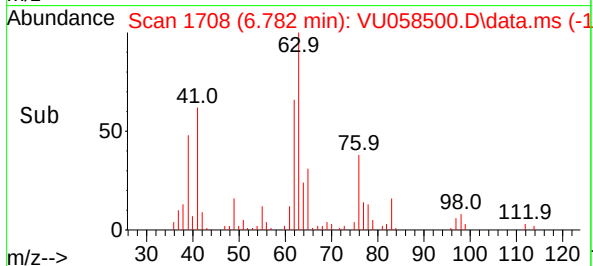
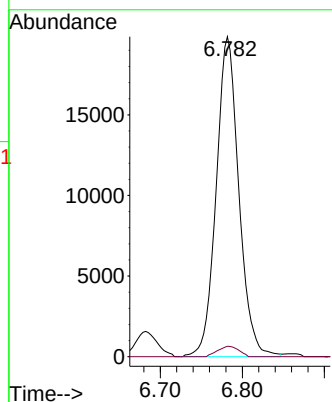
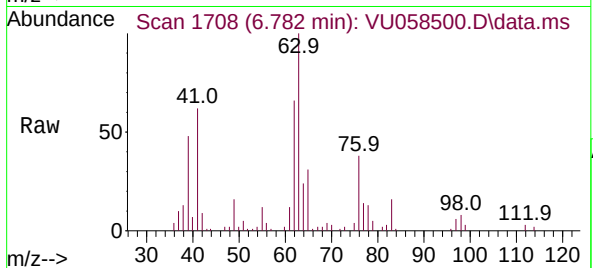




#37
1,2-Dichloropropane
Concen: 5.525 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

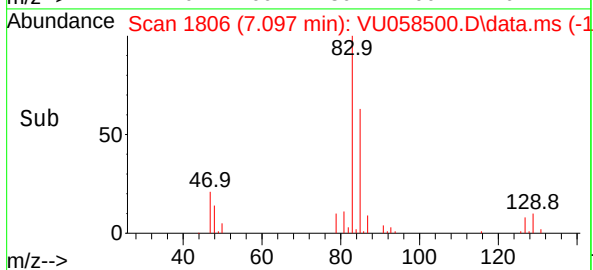
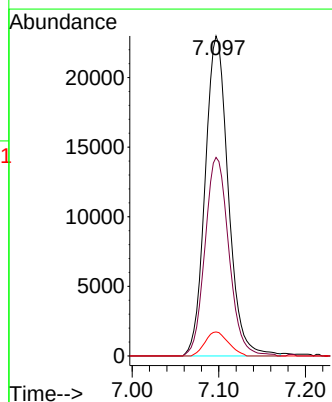
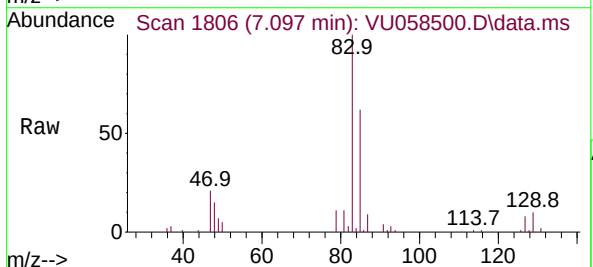
Instrument :
MSVOA_U
ClientSampleId :

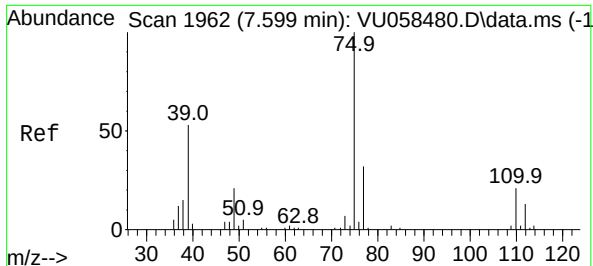
Tgt Ion: 63 Resp: 38101
Ion Ratio Lower Upper
63 100
112 3.0 2.6 4.0



#38
Bromodichloromethane
Concen: 5.422 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

Tgt Ion: 83 Resp: 42679
Ion Ratio Lower Upper
83 100
85 62.0 44.2 82.2
127 7.5 6.5 9.7

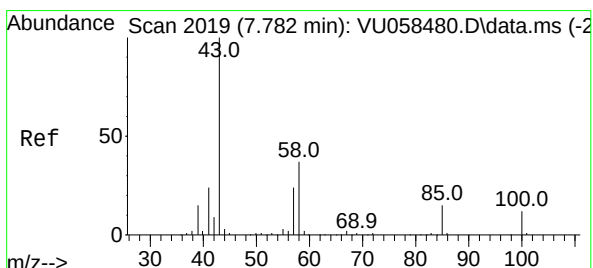
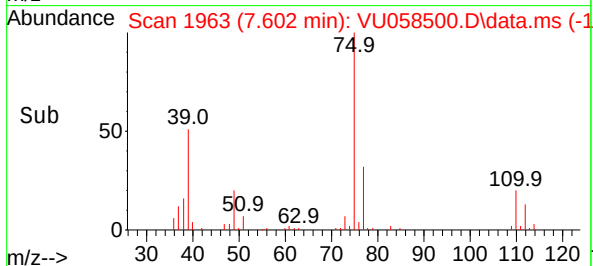
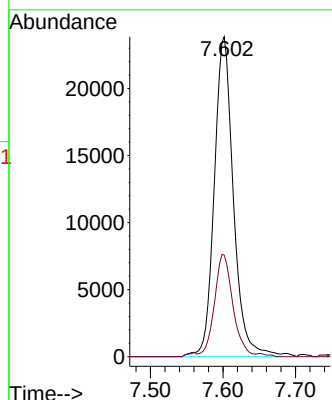
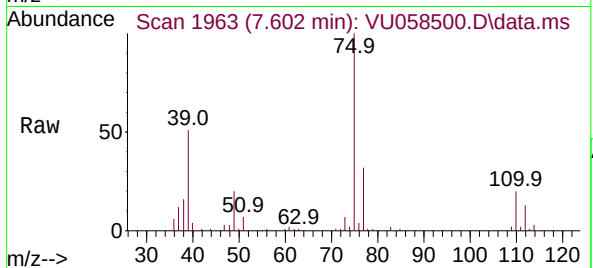




#39
 cis-1,3-Dichloropropene
 Concen: 4.998 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU058500.D
 Acq: 09 Apr 2024 04:00

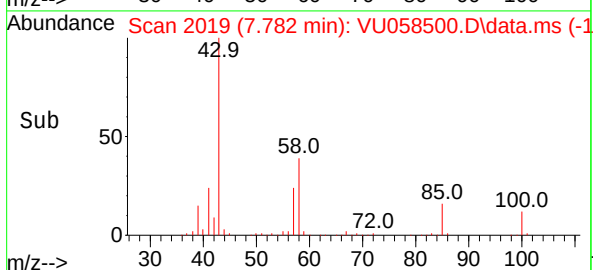
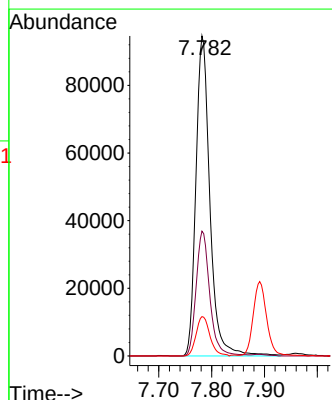
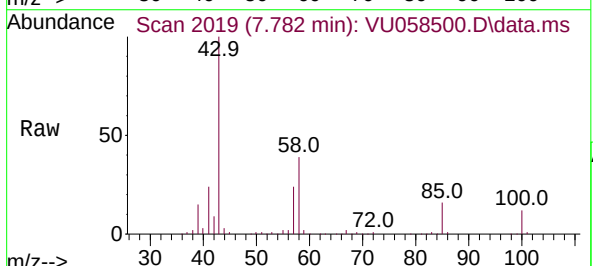
Instrument :
 MSVOA_U
 ClientSampleId :

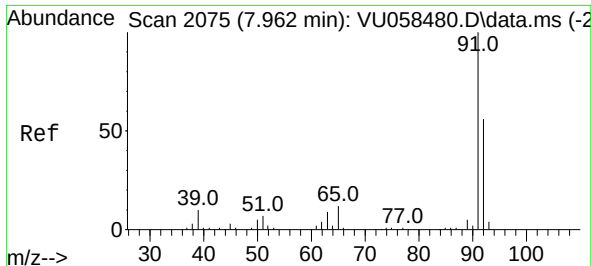
Tgt Ion: 75 Resp: 43828
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 53.663 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU058500.D
 Acq: 09 Apr 2024 04:00

Tgt Ion: 43 Resp: 174182
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.4 45.6
 100 12.1 10.3 15.5





#42

Toluene

Concen: 5.267 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058500.D

Acq: 09 Apr 2024 04:00

Instrument :

MSVOA_U

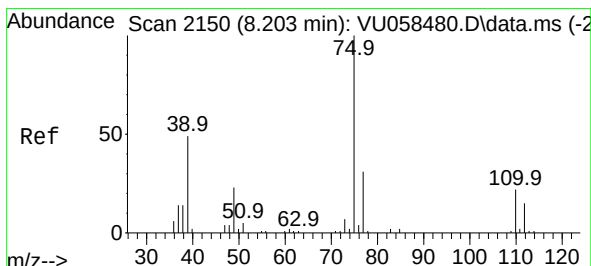
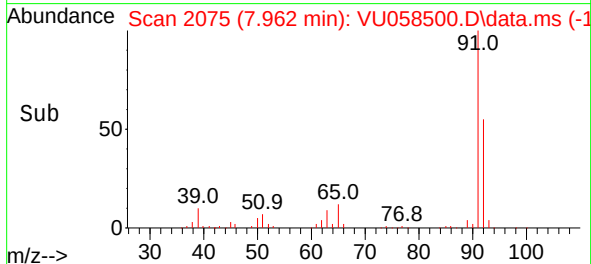
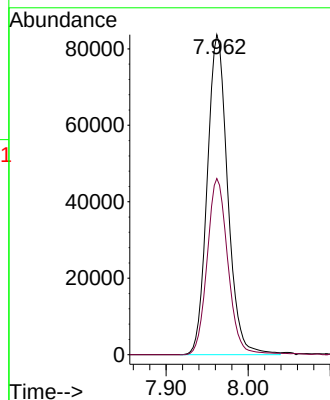
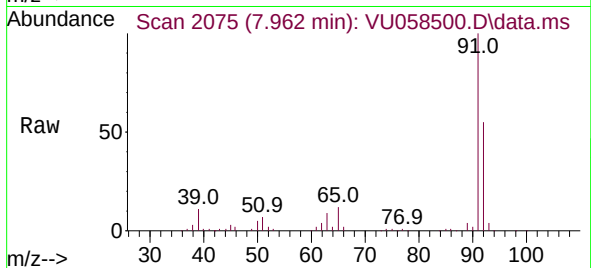
ClientSampleId :

Tgt Ion: 91 Resp: 144801

Ion Ratio Lower Upper

91 100

92 55.0 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 5.013 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU058500.D

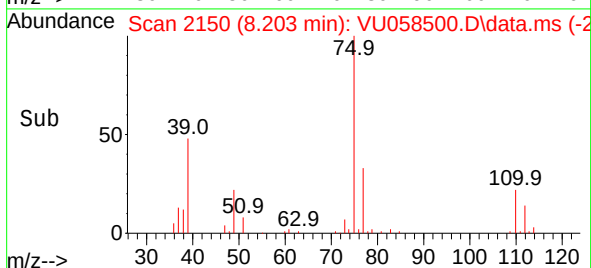
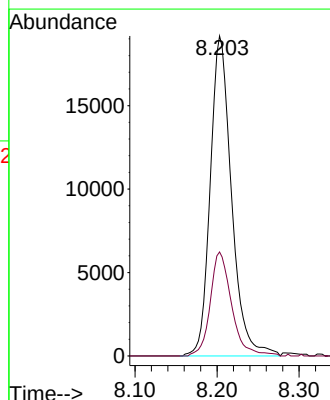
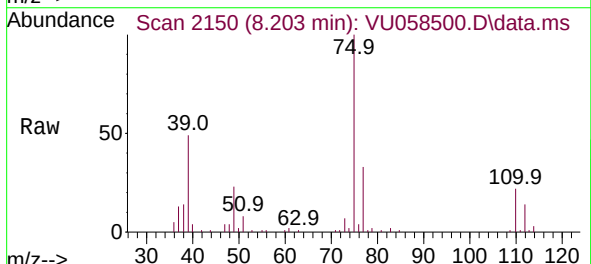
Acq: 09 Apr 2024 04:00

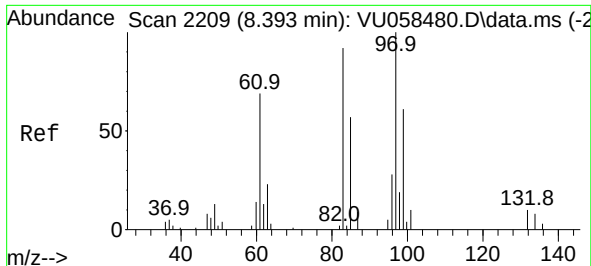
Tgt Ion: 75 Resp: 34669

Ion Ratio Lower Upper

75 100

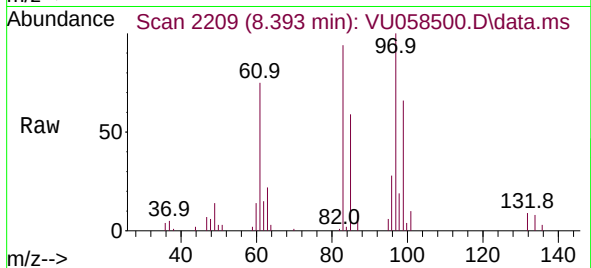
77 32.5 22.2 41.2



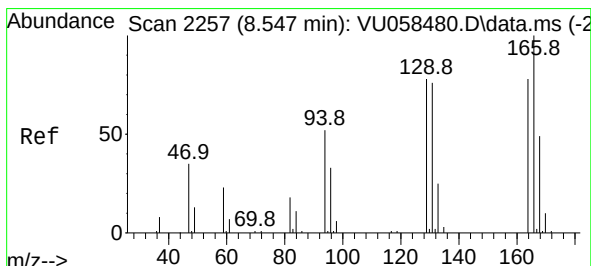
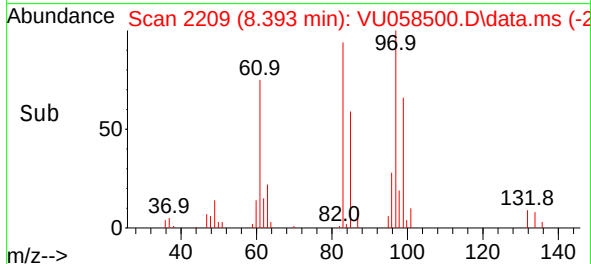
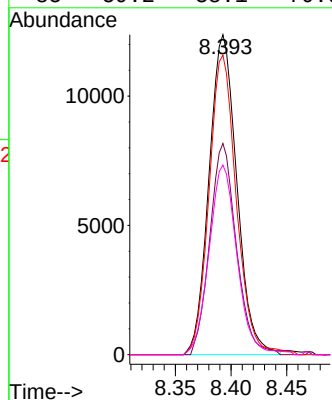


#45
1,1,2-Trichloroethane
Concen: 5.337 ug/L
RT: 8.393 min Scan# 21495
Delta R.T. -0.000 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

Instrument :
MSVOA_U
ClientSampleId :

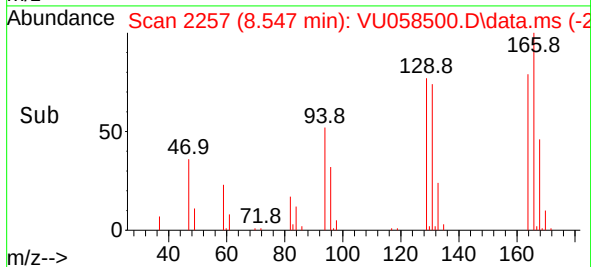
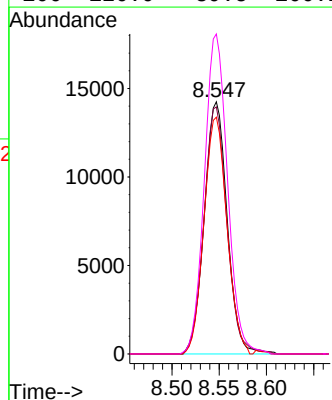
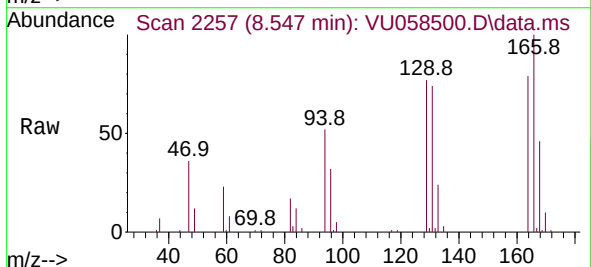


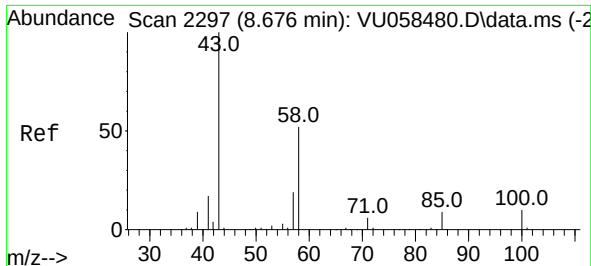
Tgt Ion:	97	Resp:	21495
Ion	Ratio	Lower	Upper
97	100		
99	66.0	43.7	81.1
83	93.6	64.5	119.7
85	59.2	38.1	70.9



#47
Tetrachloroethene
Concen: 4.965 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

Tgt Ion:	164	Resp:	24046
Ion	Ratio	Lower	Upper
164	100		
129	98.0	67.3	125.1
131	93.9	65.5	121.6
166	126.9	89.5	166.1

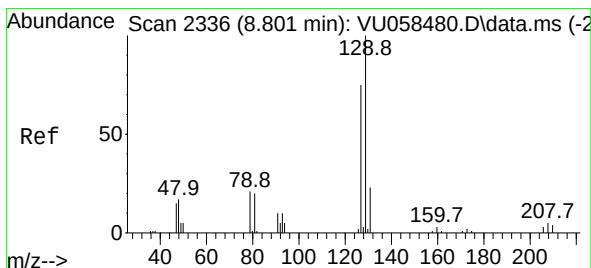
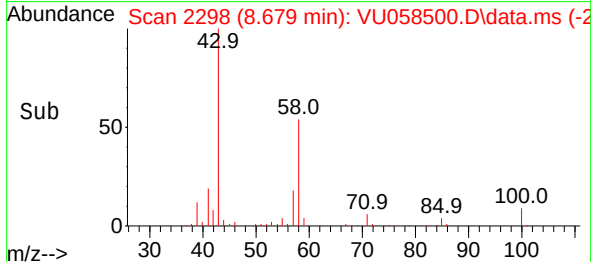
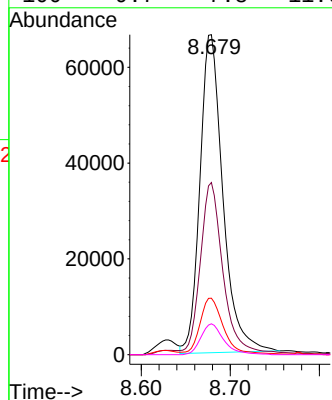
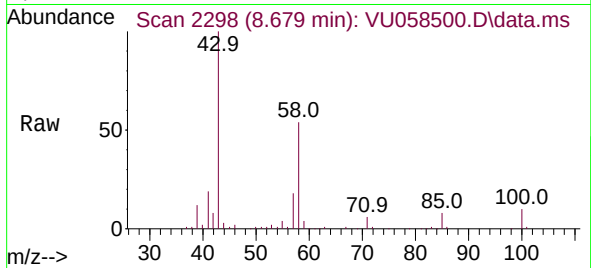




#48
2-Hexanone
Concen: 51.751 ug/L
RT: 8.679 min Scan# 2297
Delta R.T. 0.003 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

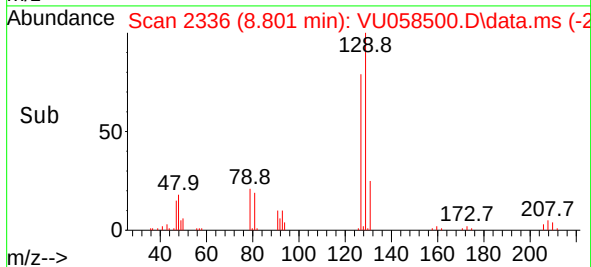
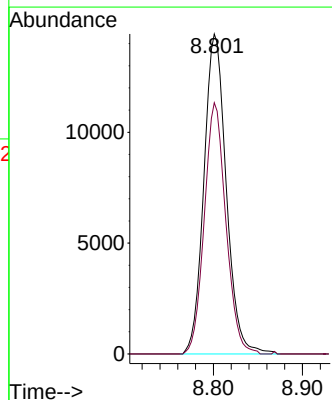
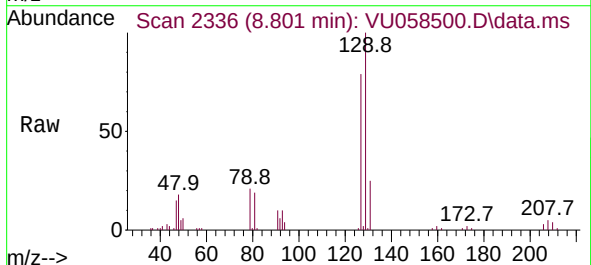
Instrument :
MSVOA_U
ClientSampleId :

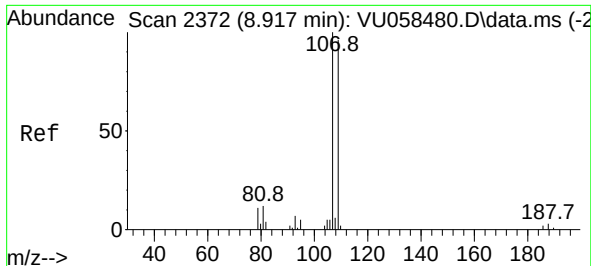
Tgt Ion: 43 Resp: 119249
Ion Ratio Lower Upper
43 100
58 53.8 43.2 64.8
57 18.0 15.4 23.0
100 9.7 7.8 11.6



#49
Dibromochloromethane
Concen: 5.406 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

Tgt Ion: 129 Resp: 25174
Ion Ratio Lower Upper
129 100
127 78.5 53.5 99.5





#50

1,2-Dibromoethane

Concen: 5.282 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min MSVOA_U

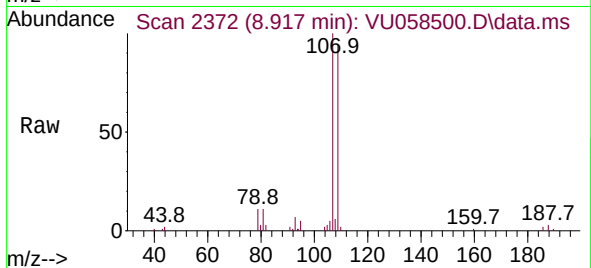
Lab File: VU058500.D

Acq: 09 Apr 2024 04:00

Instrument :

MSVOA_U

ClientSampleId :



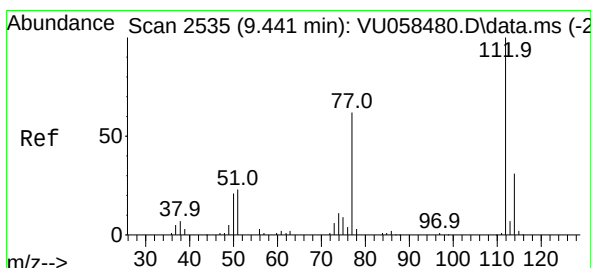
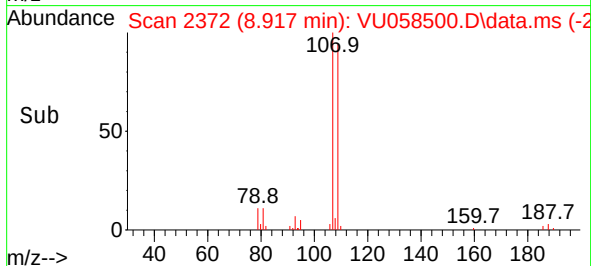
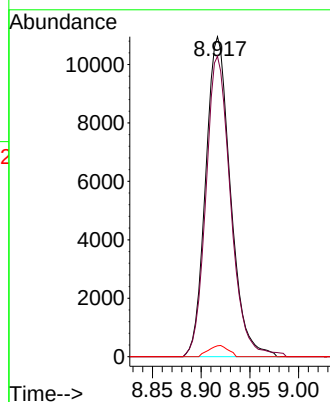
Tgt Ion:107 Resp: 19456

Ion Ratio Lower Upper

107 100

109 93.9 67.3 124.9

188 3.4 2.5 3.7



#51

Chlorobenzene

Concen: 5.212 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU058500.D

Acq: 09 Apr 2024 04:00

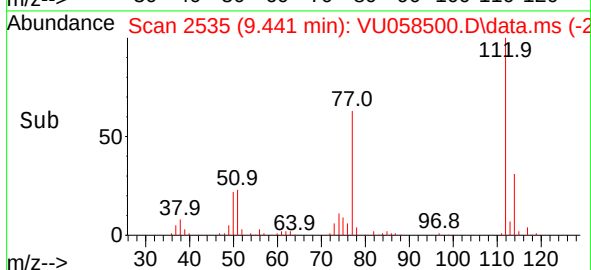
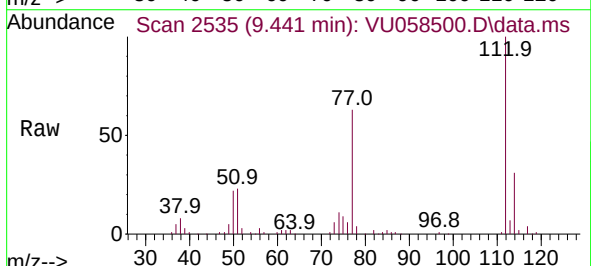
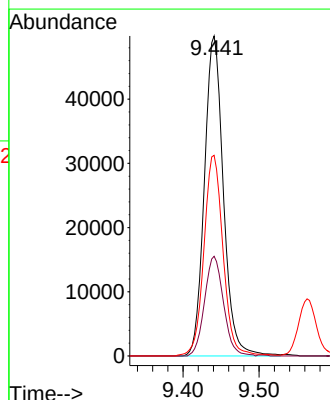
Tgt Ion:112 Resp: 86705

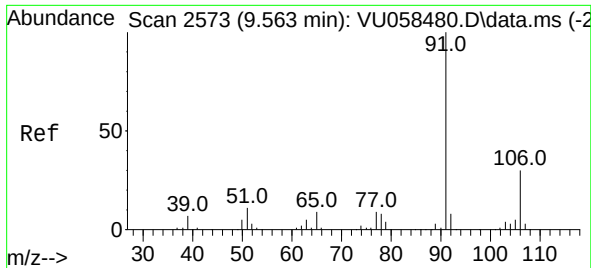
Ion Ratio Lower Upper

112 100

114 31.2 22.4 41.6

77 62.7 50.1 75.1

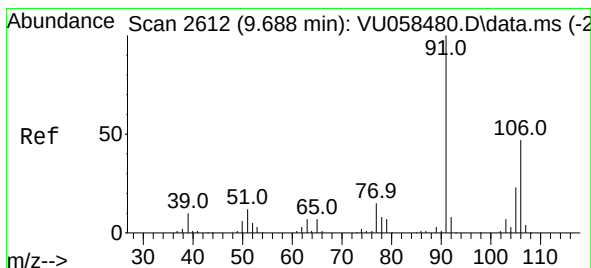
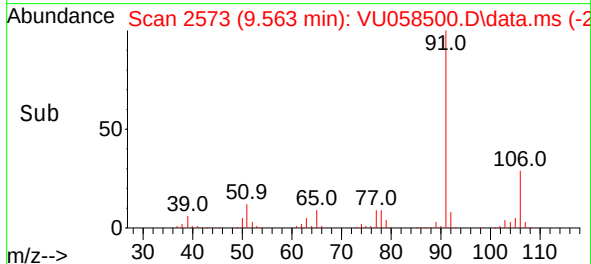
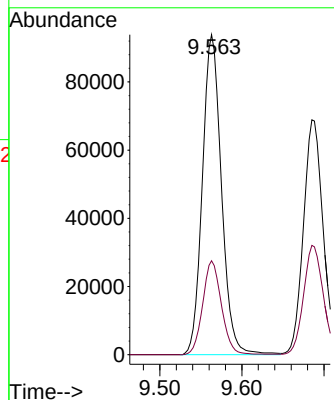
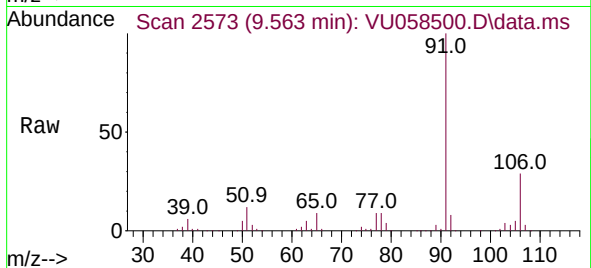




#52
Ethylbenzene
Concen: 5.206 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

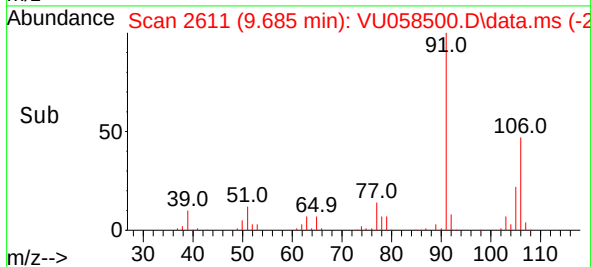
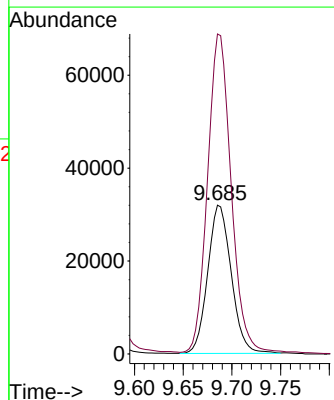
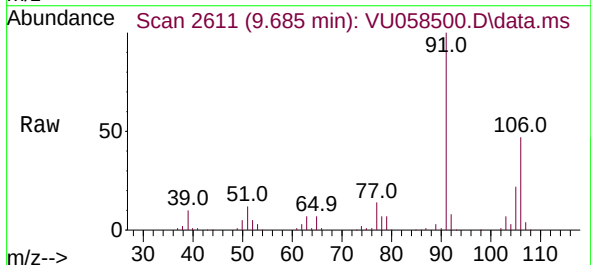
Instrument :
MSVOA_U
ClientSampleId :

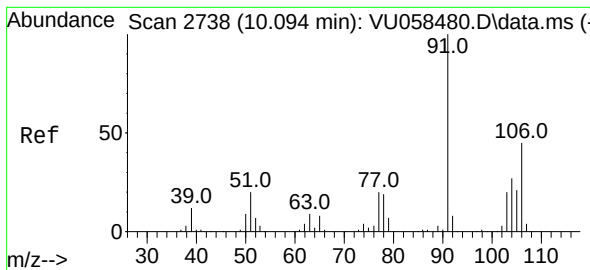
Tgt Ion: 91 Resp: 151637
Ion Ratio Lower Upper
91 100
106 29.3 20.6 38.4



#53
m,p-Xylene
Concen: 5.133 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

Tgt Ion:106 Resp: 53536
Ion Ratio Lower Upper
106 100
91 215.0 147.8 274.4





#54

o-Xylene

Concen: 5.218 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU058500.D

Acq: 09 Apr 2024 04:00

Instrument :

MSVOA_U

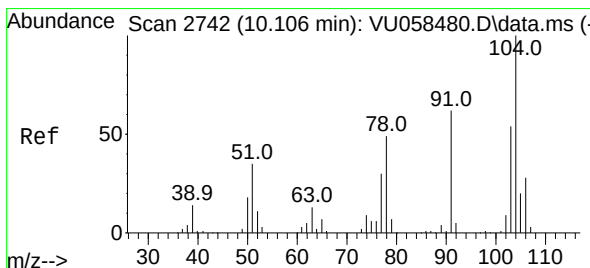
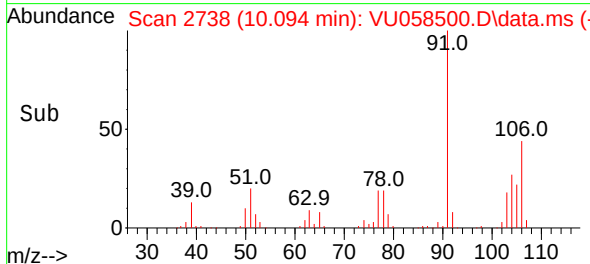
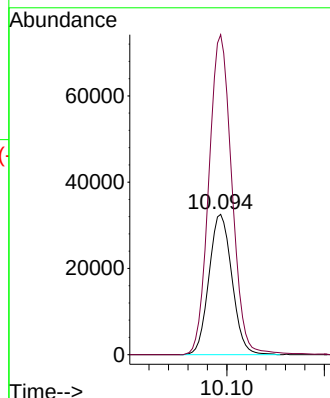
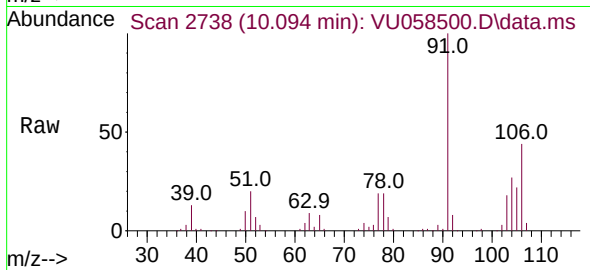
ClientSampleId :

Tgt Ion:106 Resp: 53354

Ion Ratio Lower Upper

106 100

91 228.0 156.9 291.5



#55

Styrene

Concen: 5.374 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU058500.D

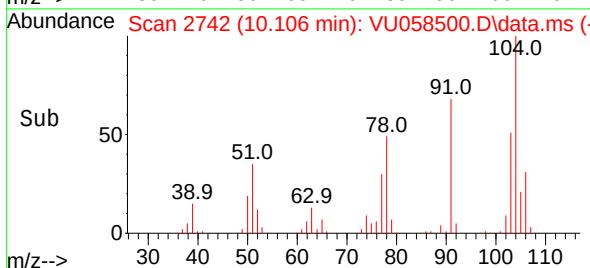
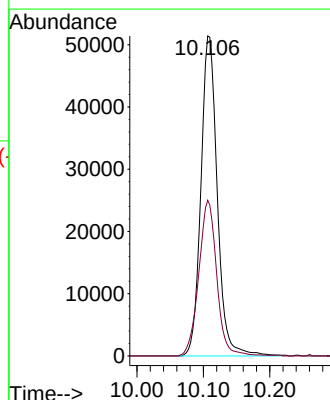
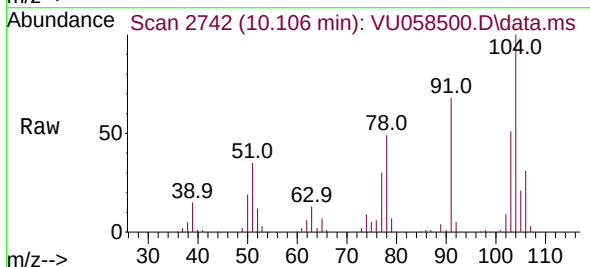
Acq: 09 Apr 2024 04:00

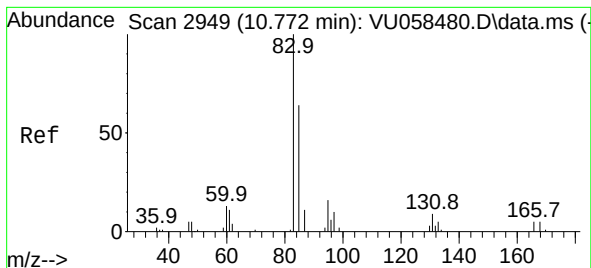
Tgt Ion:104 Resp: 88407

Ion Ratio Lower Upper

104 100

78 48.6 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.381 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU058500.D

Acq: 09 Apr 2024 04:00

Instrument :

MSVOA_U

ClientSampleId :

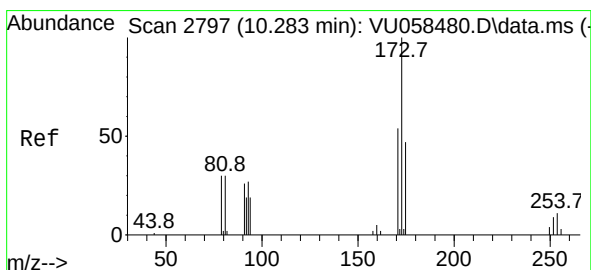
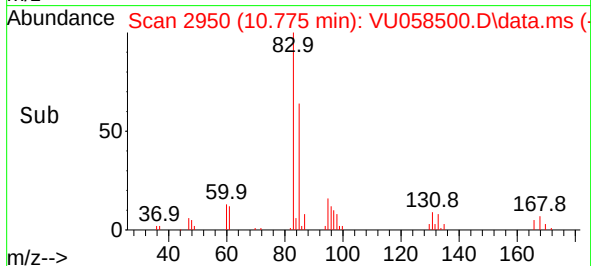
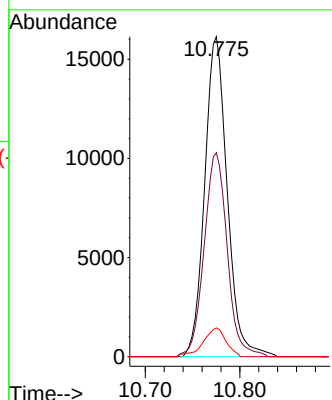
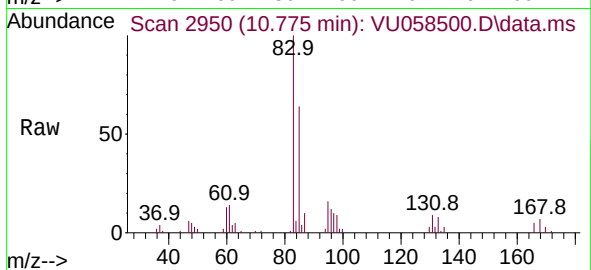
Tgt Ion: 83 Resp: 26730

Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.7

131 9.0 6.9 10.3



#59

Bromoform

Concen: 5.195 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU058500.D

Acq: 09 Apr 2024 04:00

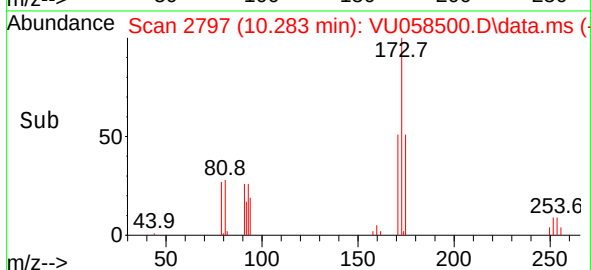
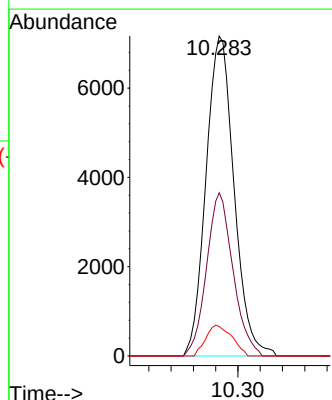
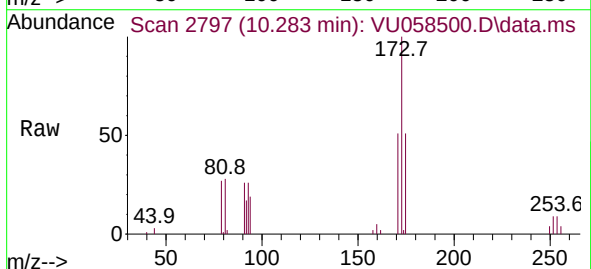
Tgt Ion:173 Resp: 12530

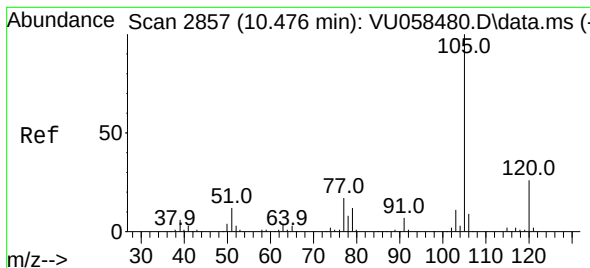
Ion Ratio Lower Upper

173 100

175 48.1 38.0 57.0

254 8.9 7.5 11.3





#60

Isopropylbenzene

Concen: 5.194 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU058500.D

Acq: 09 Apr 2024 04:00

Instrument :

MSVOA_U

ClientSampleId :

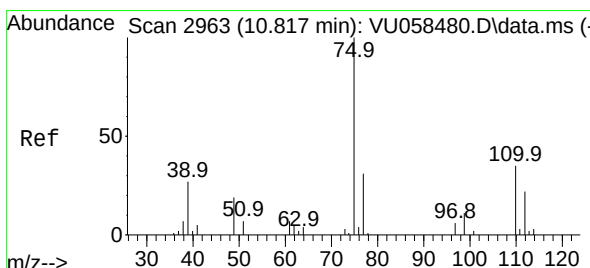
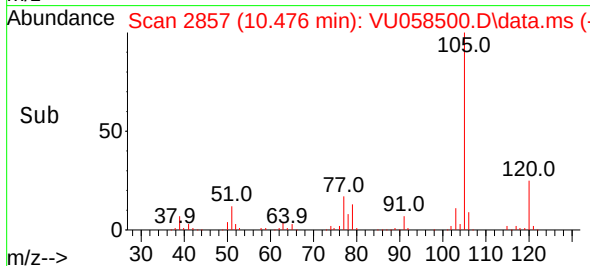
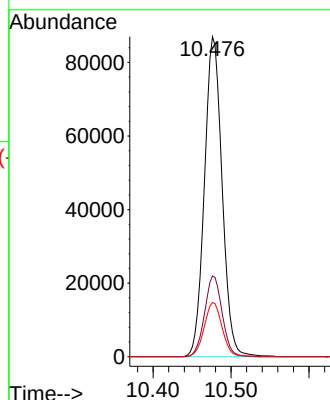
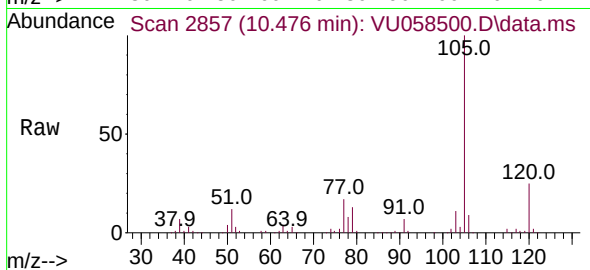
Tgt Ion:105 Resp: 137252

Ion Ratio Lower Upper

105 100

120 25.1 20.2 30.4

77 17.1 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 5.191 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU058500.D

Acq: 09 Apr 2024 04:00

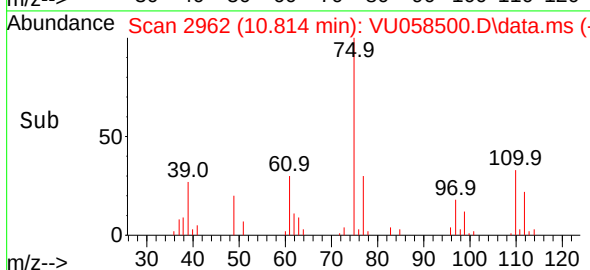
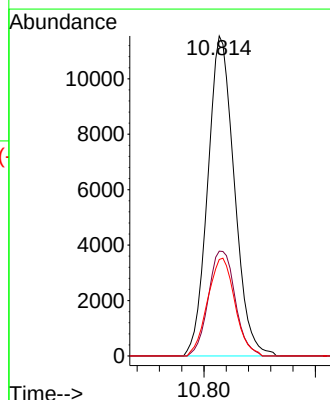
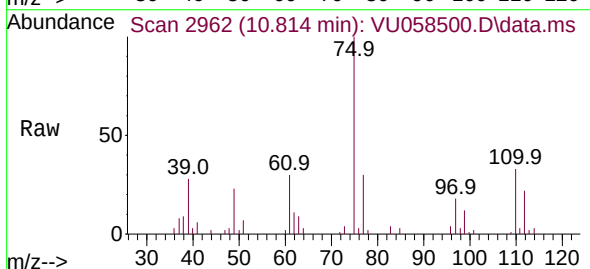
Tgt Ion: 75 Resp: 19119

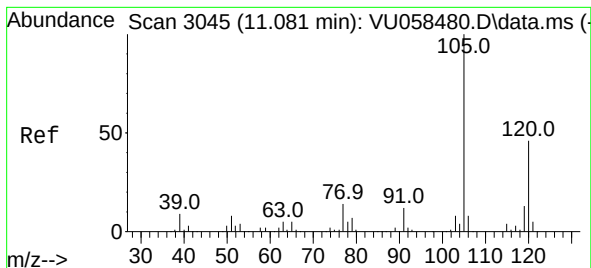
Ion Ratio Lower Upper

75 100

110 33.1 25.8 38.6

77 31.4 25.1 37.7

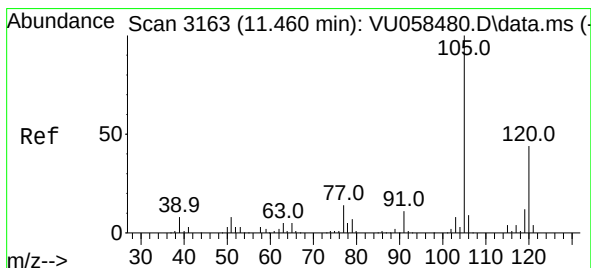
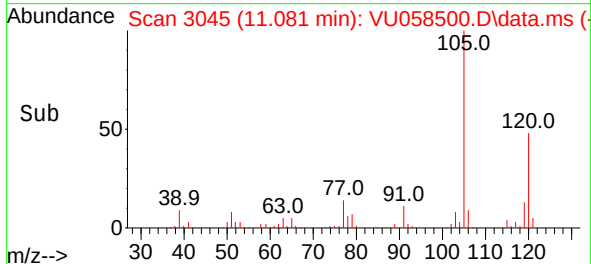
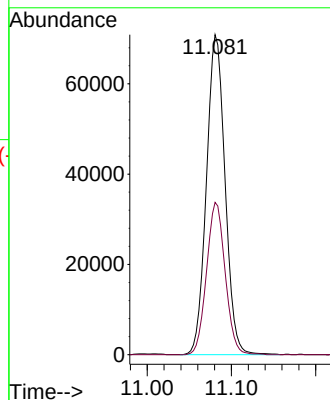
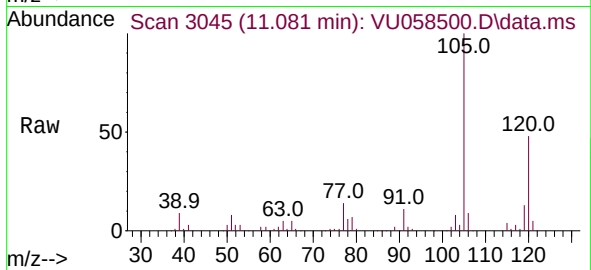




#62
1,3,5-Trimethylbenzene
Concen: 5.067 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

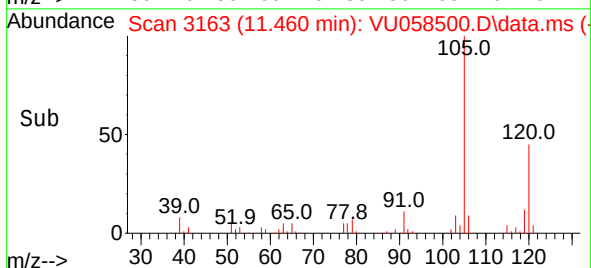
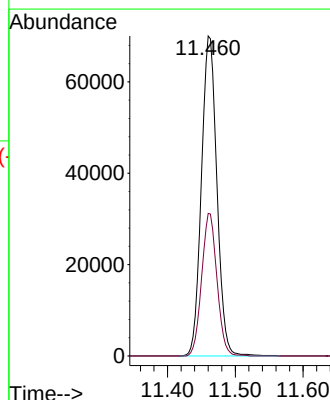
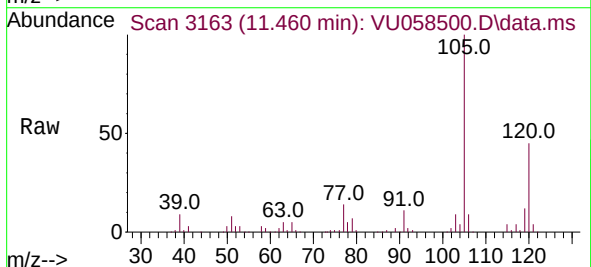
Instrument :
MSVOA_U
ClientSampleId :

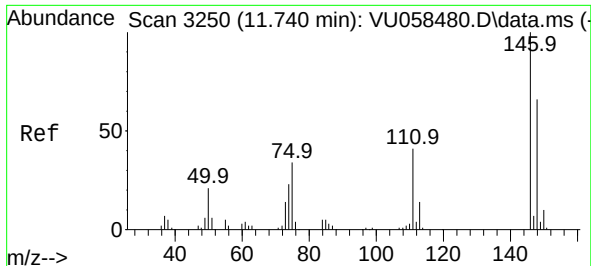
Tgt Ion:105 Resp: 109196
Ion Ratio Lower Upper
105 100
120 47.6 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 5.047 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

Tgt Ion:105 Resp: 111057
Ion Ratio Lower Upper
105 100
120 43.9 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 5.007 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU058500.D

Acq: 09 Apr 2024 04:00

Instrument :

MSVOA_U

ClientSampleId :

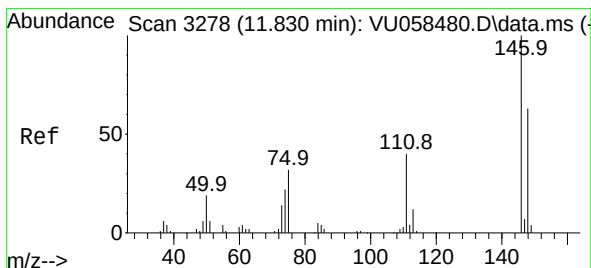
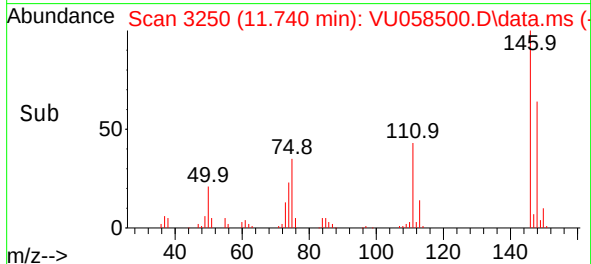
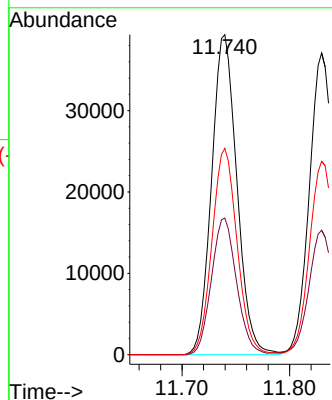
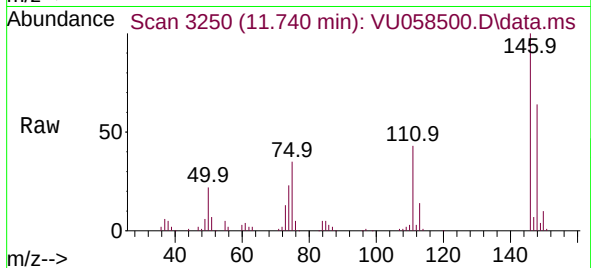
Tgt Ion:146 Resp: 64267

Ion Ratio Lower Upper

146 100

111 42.7 28.8 53.4

148 64.5 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 4.812 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU058500.D

Acq: 09 Apr 2024 04:00

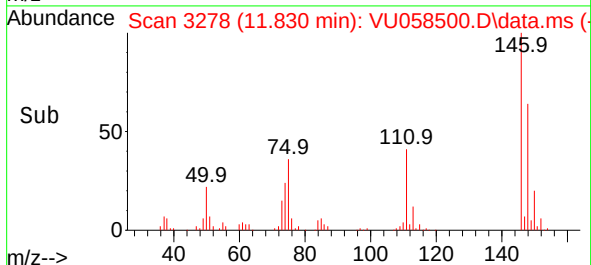
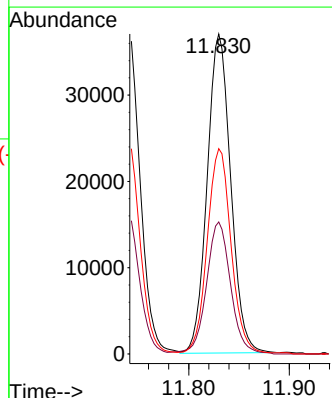
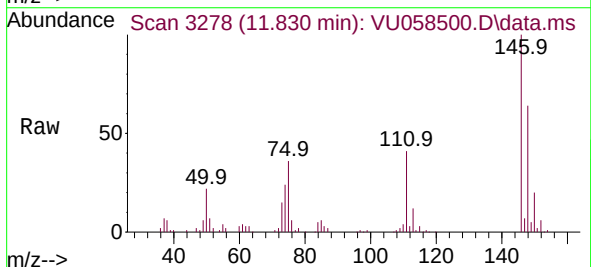
Tgt Ion:146 Resp: 60182

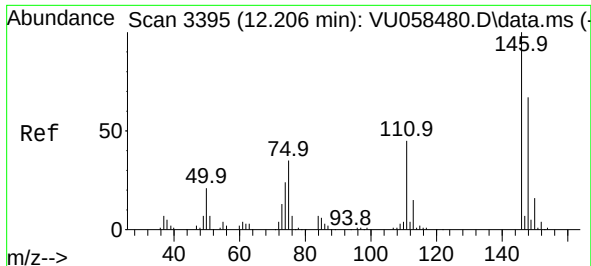
Ion Ratio Lower Upper

146 100

111 41.2 28.8 53.6

148 64.1 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.981 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

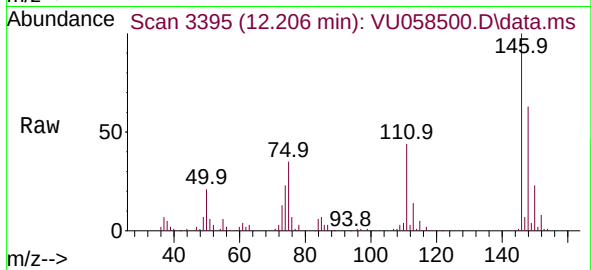
Lab File: VU058500.D

Acq: 09 Apr 2024 04:00

Instrument :

MSVOA_U

ClientSampleId :



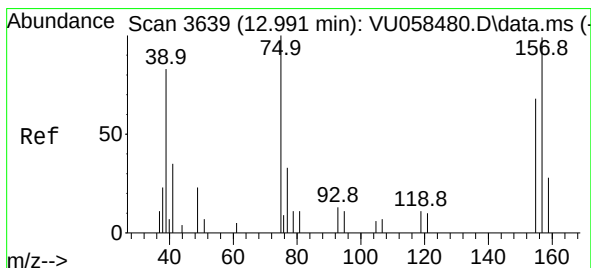
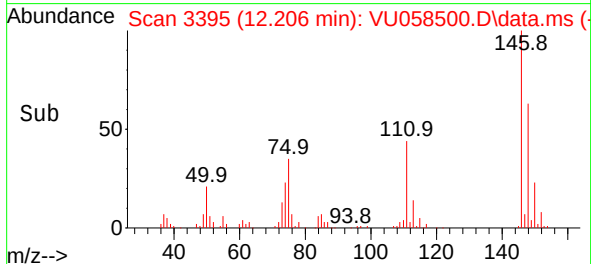
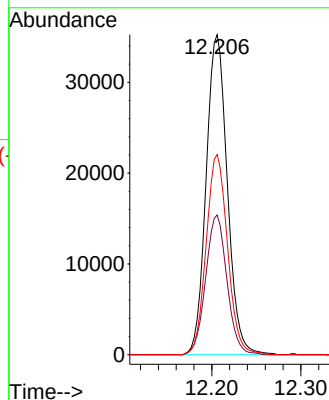
Tgt Ion:146 Resp: 58166

Ion Ratio Lower Upper

146 100

111 43.6 35.0 52.4

148 62.5 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.713 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU058500.D

Acq: 09 Apr 2024 04:00

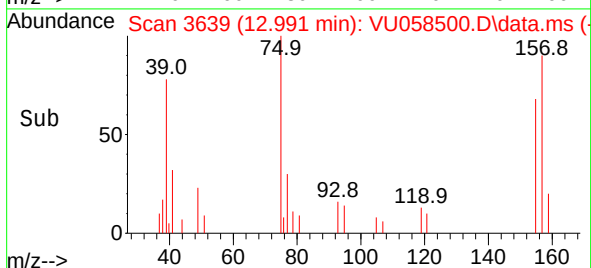
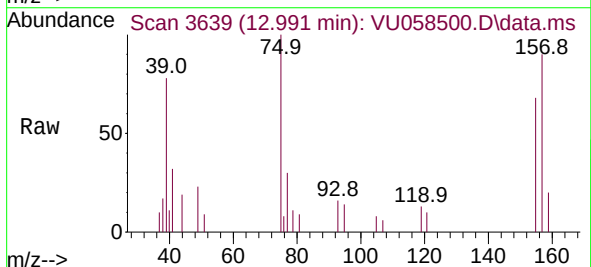
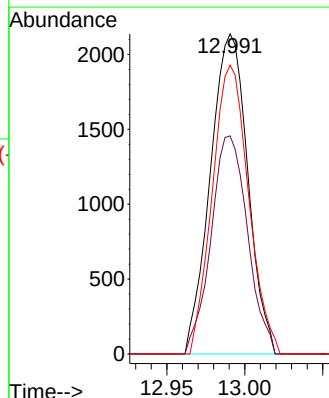
Tgt Ion: 75 Resp: 3568

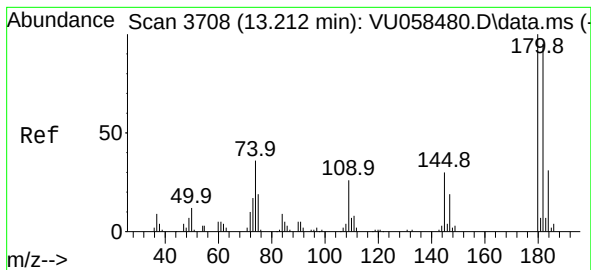
Ion Ratio Lower Upper

75 100

155 68.1 61.4 92.0

157 90.3 81.7 122.5





#69

1,3,5-Trichlorobenzene

Concen: 4.649 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

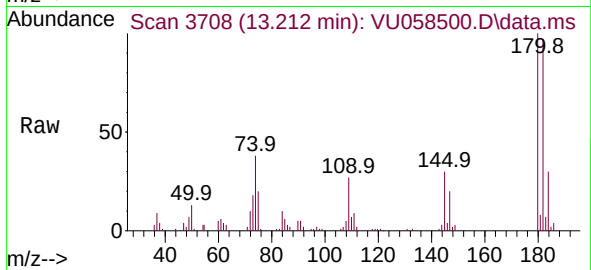
Lab File: VU058500.D

Acq: 09 Apr 2024 04:00

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 44128

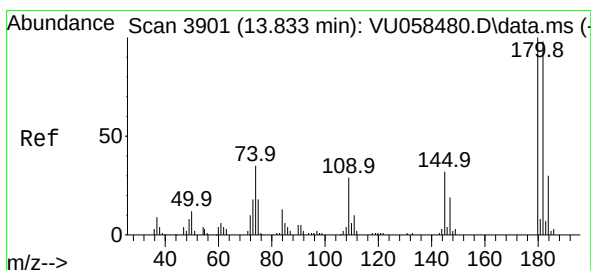
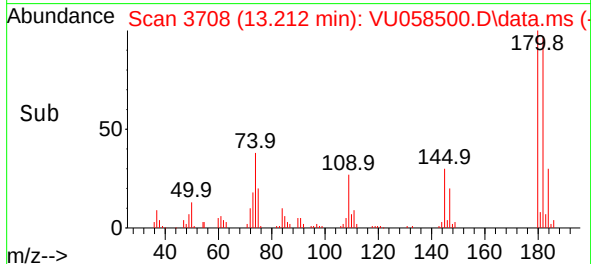
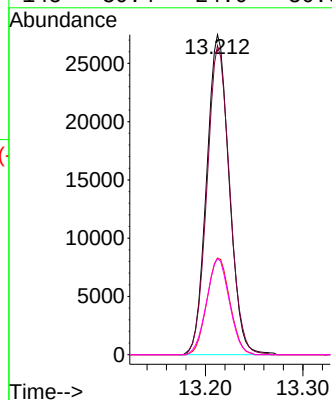
Ion Ratio Lower Upper

180 100

182 96.8 75.7 113.5

184 30.7 24.3 36.5

145 30.4 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 4.380 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU058500.D

Acq: 09 Apr 2024 04:00

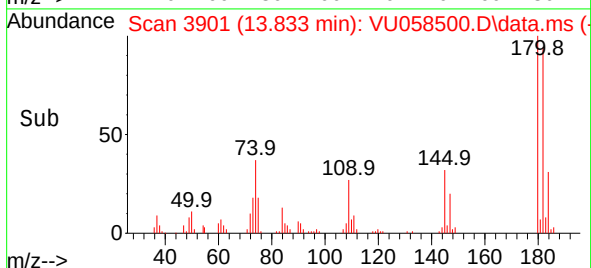
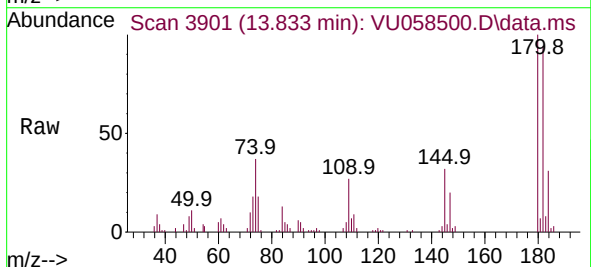
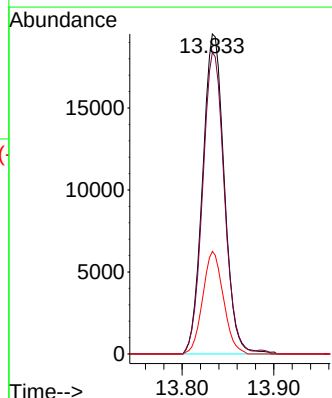
Tgt Ion:180 Resp: 32059

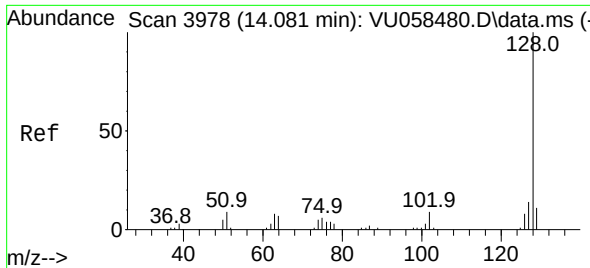
Ion Ratio Lower Upper

180 100

182 94.3 74.4 111.6

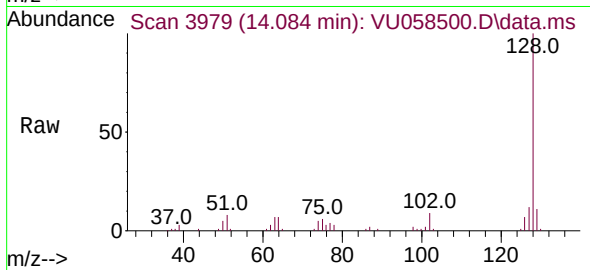
145 30.6 24.1 36.1



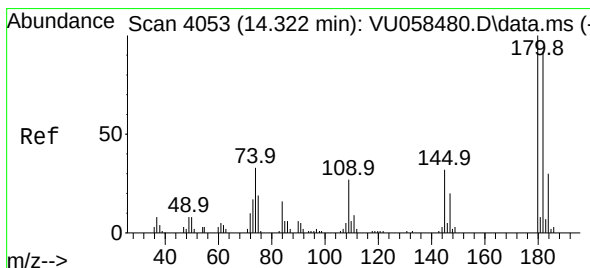
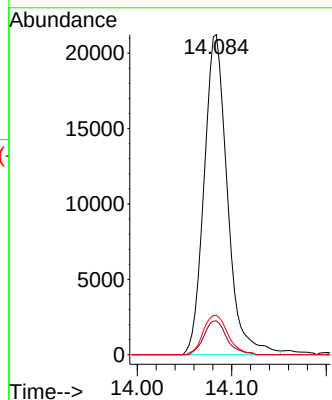
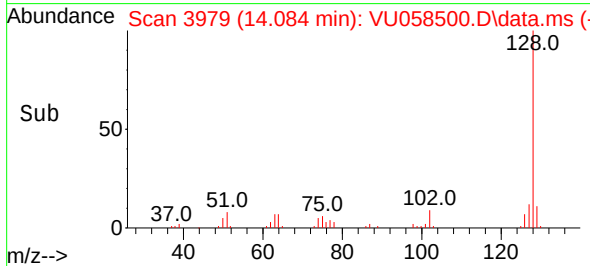


#71
Naphthalene
Concen: 3.627 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00

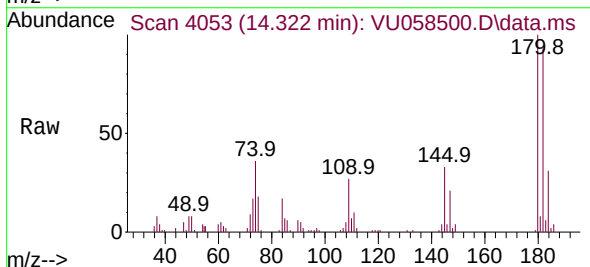
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 36381
Ion Ratio Lower Upper
128 100
129 10.4 8.6 13.0
127 13.0 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 4.384 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU058500.D
Acq: 09 Apr 2024 04:00



Tgt Ion:180 Resp: 26501
Ion Ratio Lower Upper
180 100
182 95.7 75.9 113.9
145 32.8 25.2 37.8

