

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058480.D
 Acq On : 08 Apr 2024 19:46
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 04:28:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 04:22:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	73009	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	72331	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	35880	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15993	3.309	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.200%
7) Chloroethane-d5	1.907	69	16494	3.927	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.560	65	7684	3.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	4.624	46	58094	57.031	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.060%
24) Chloroform-d	5.052	84	47931	4.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.692	65	22389	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.718	84	82013	4.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.679	67	28010	4.587	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.891	98	73038	4.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.174	79	9116	4.809	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.627	63	42663	54.565	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.120%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20982	4.867	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	26179	4.332	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	32282	5.305	ug/L	100
3) Chloromethane	1.515	50	40531	5.442	ug/L	98
5) Vinyl chloride	1.599	62	40699	5.472	ug/L	100
6) Bromomethane	1.853	94	20040	5.695	ug/L	98
8) Chloroethane	1.927	64	26135	5.562	ug/L	98
9) Trichlorofluoromethane	2.133	101	52566	5.352	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	31361	5.373	ug/L	98
12) 1,1-Dichloroethene	2.573	96	28585	5.525	ug/L	88
13) Acetone	2.637	43	42611	49.011	ug/L	100
14) Carbon disulfide	2.785	76	87709	5.337	ug/L	99
15) Methyl Acetate	2.949	43	11074	5.398	ug/L	97
16) Methylene chloride	3.036	84	36477	5.312	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	67028	5.484	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	30887	5.696	ug/L	98
19) 1,1-Dichloroethane	3.859	63	67031	5.663	ug/L	98
21) 2-Butanone	4.705	43	67927	52.272	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	34833	5.720	ug/L	99
23) Bromochloromethane	4.965	128	13451	5.606	ug/L	95
25) Chloroform	5.078	83	66129	5.772	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058480.D
 Acq On : 08 Apr 2024 19:46
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

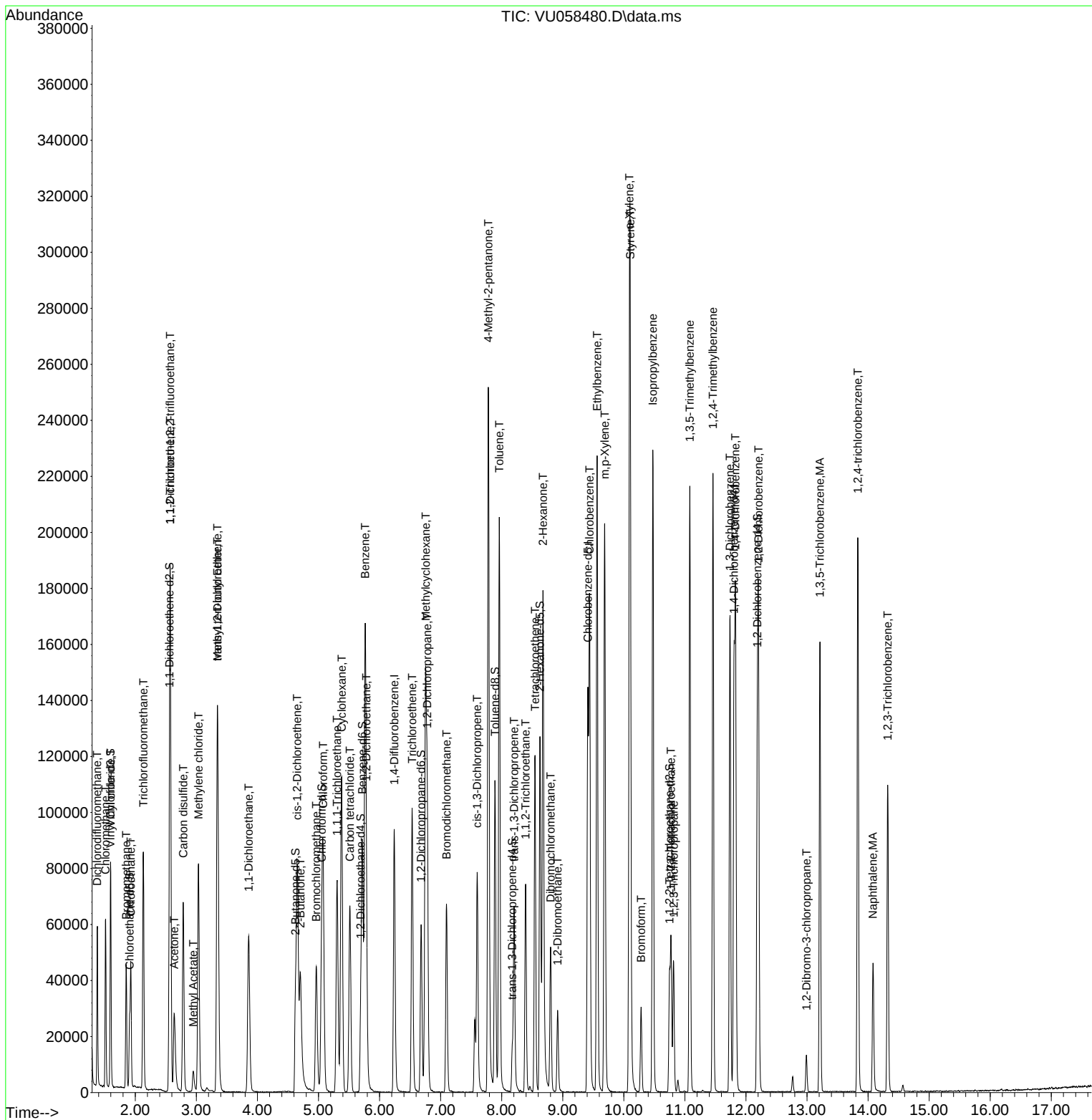
Instrument :
 MSVOA_U
 ClientSampleId :

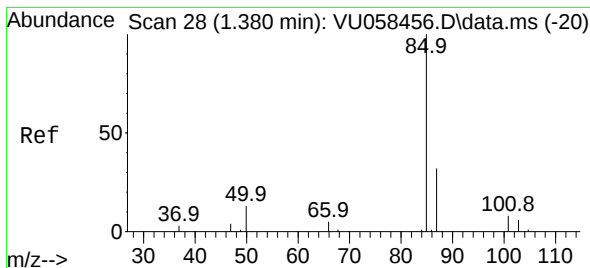
Quant Time: Apr 09 04:28:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 04:22:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	40693	5.833	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	53428	5.509	ug/L	100
30) Cyclohexane	5.380	56	53845	5.257	ug/L	100
31) Carbon tetrachloride	5.515	117	44589	5.429	ug/L	99
33) Benzene	5.766	78	143701	5.481	ug/L	100
34) Trichloroethene	6.534	95	35263	5.335	ug/L	96
35) Methylcyclohexane	6.756	83	50973	5.119	ug/L	97
37) 1,2-Dichloropropane	6.782	63	39086	5.666	ug/L	100
38) Bromodichloromethane	7.097	83	43413	5.514	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	46028	5.247	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	175162	53.946	ug/L	99
42) Toluene	7.962	91	147985	5.381	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	36926	5.338	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	22258	5.525	ug/L	98
47) Tetrachloroethene	8.547	164	25200	5.201	ug/L	98
48) 2-Hexanone	8.676	43	121932	52.897	ug/L	99
49) Dibromochloromethane	8.801	129	25436	5.461	ug/L	99
50) 1,2-Dibromoethane	8.917	107	19656	5.335	ug/L	100
51) Chlorobenzene	9.441	112	89160	5.358	ug/L	99
52) Ethylbenzene	9.563	91	156020	5.355	ug/L	99
53) m,p-Xylene	9.688	106	55873	5.355	ug/L	99
54) o-Xylene	10.094	106	55819	5.457	ug/L	99
55) Styrene	10.106	104	91190	5.541	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	27029	5.439	ug/L	100
59) Bromoform	10.283	173	12682	5.290	ug/L	97
60) Isopropylbenzene	10.476	105	141717	5.395	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	19859	5.425	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	113724	5.309	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	116830	5.341	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	66465	5.209	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	65386	5.260	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	59256	5.105	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	3463	5.578	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	46359	4.913	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	56653	7.787	ug/L	97
71) Naphthalene	14.081	128	38555	3.867	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	32300	5.376	ug/L	100

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

Quant Time: Apr 09 04:28:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 09 04:22:28 2024
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 5.305 ug/L

RT: 1.377 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU058480.D

Acq: 08 Apr 2024 19:46

Instrument :

MSVOA_U

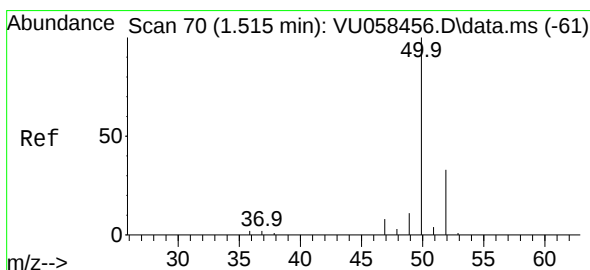
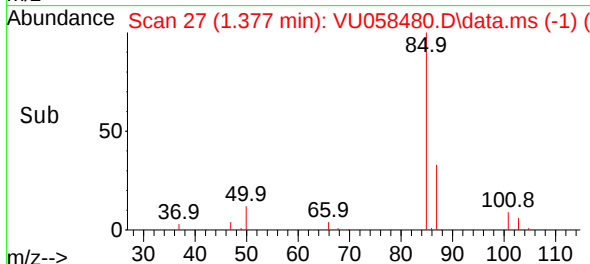
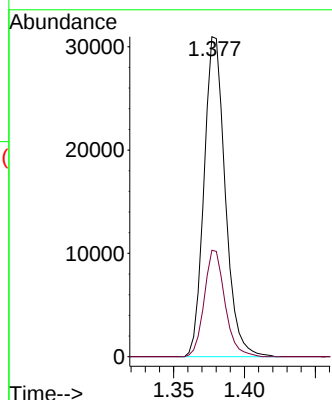
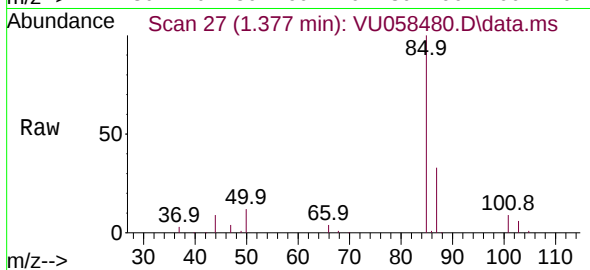
ClientSampleId :

Tgt Ion: 85 Resp: 32282

Ion Ratio Lower Upper

85 100

87 32.5 25.9 38.9



#3

Chloromethane

Concen: 5.442 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU058480.D

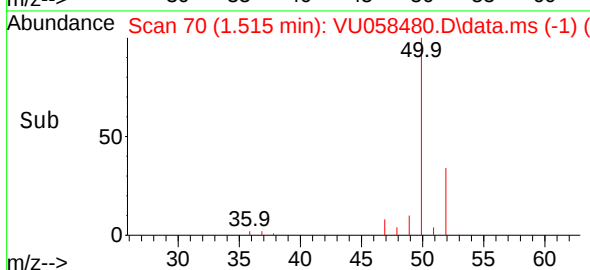
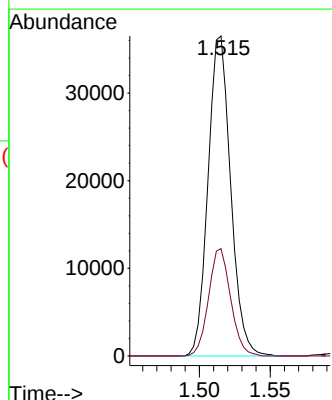
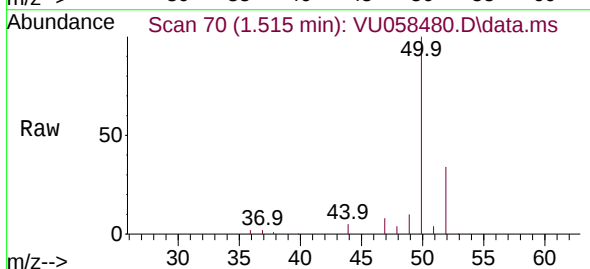
Acq: 08 Apr 2024 19:46

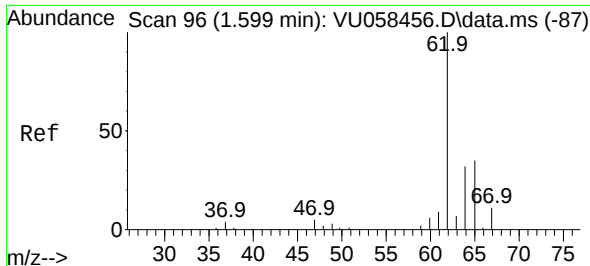
Tgt Ion: 50 Resp: 40531

Ion Ratio Lower Upper

50 100

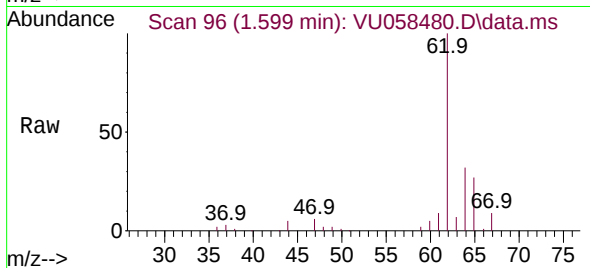
52 33.6 22.6 42.0



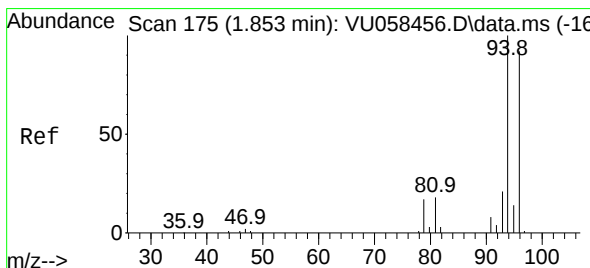
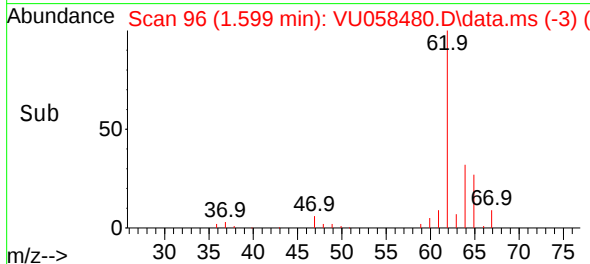
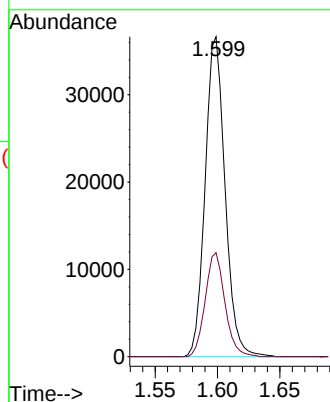


#5
 Vinyl chloride
 Concen: 5.472 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU058480.D
 Acq: 08 Apr 2024 19:46

Instrument :
 MSVOA_U
 ClientSampleId :

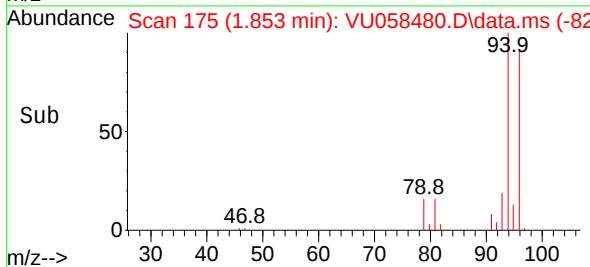
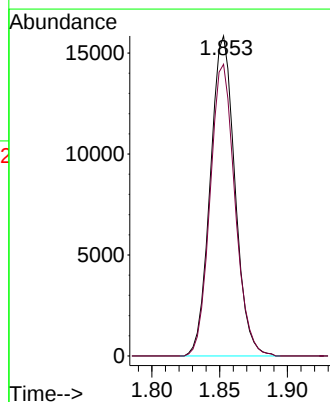
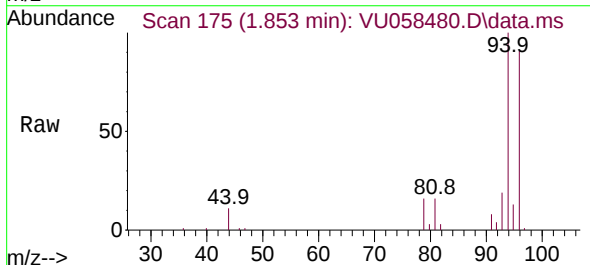


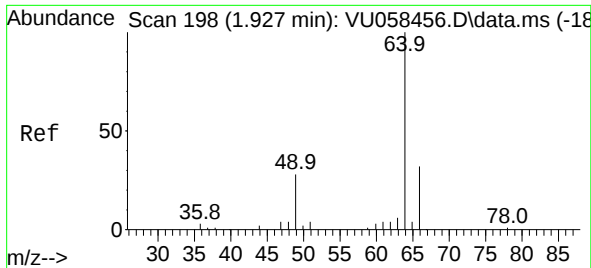
Tgt Ion: 62 Resp: 40699
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.6 42.0



#6
 Bromomethane
 Concen: 5.695 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU058480.D
 Acq: 08 Apr 2024 19:46

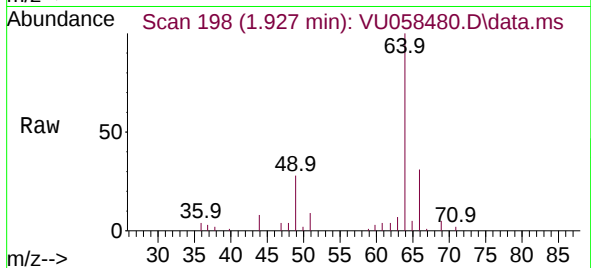
Tgt Ion: 94 Resp: 20040
 Ion Ratio Lower Upper
 94 100
 96 91.1 65.4 121.4



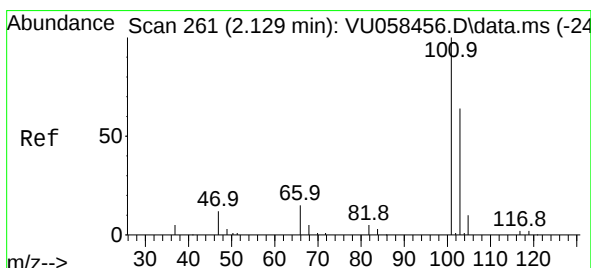
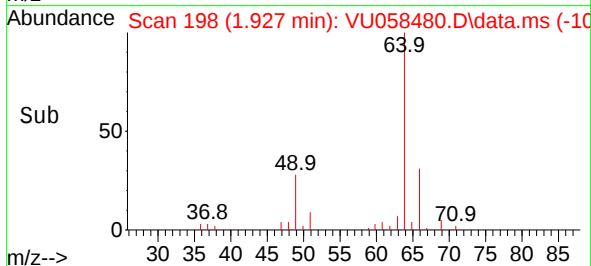
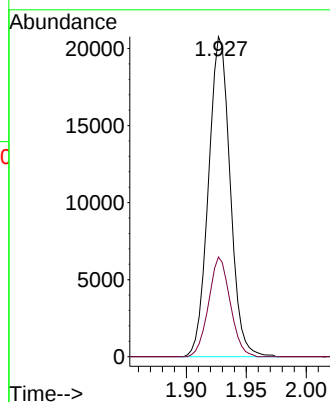


#8
Chloroethane
Concen: 5.562 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

Instrument :
MSVOA_U
ClientSampleId :

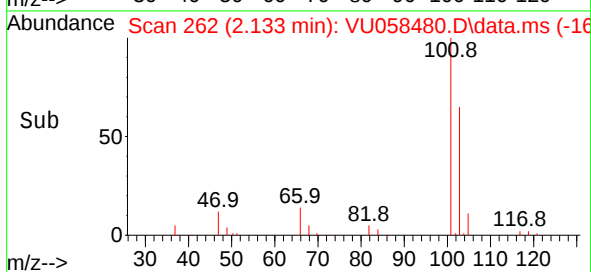
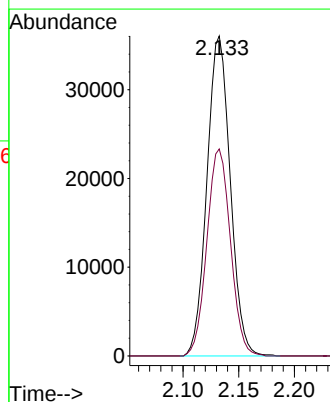
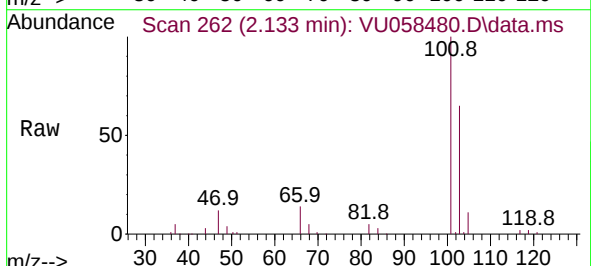


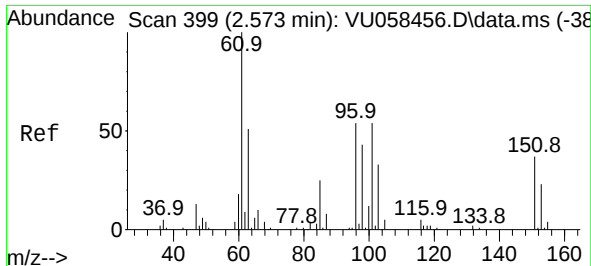
Tgt Ion: 64 Resp: 26135
Ion Ratio Lower Upper
64 100
66 31.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 5.352 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

Tgt Ion: 101 Resp: 52566
Ion Ratio Lower Upper
101 100
103 65.3 51.2 76.8

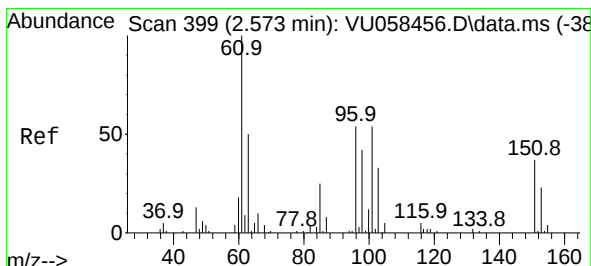
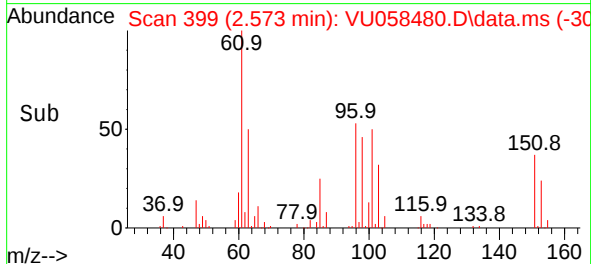
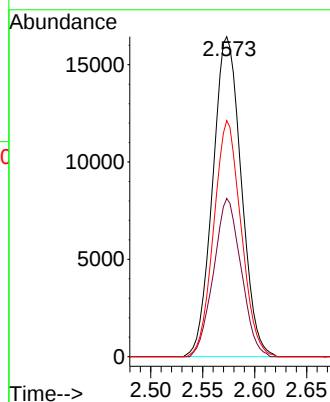
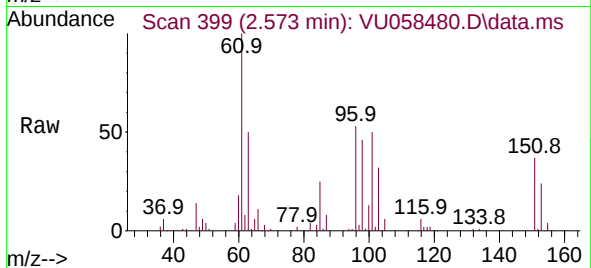




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.373 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU058480.D
 Acq: 08 Apr 2024 19:46

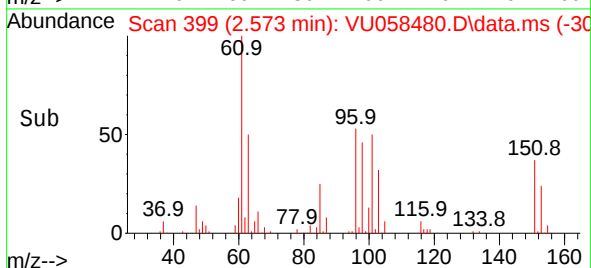
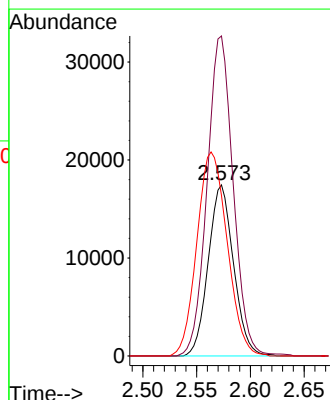
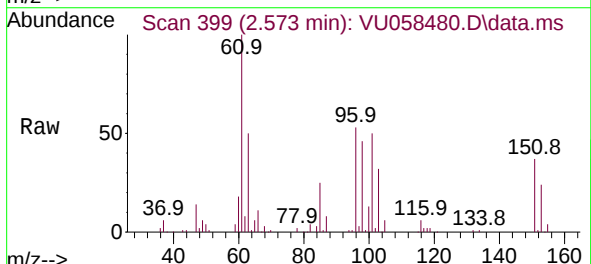
Instrument :
 MSVOA_U
 ClientSampleId :

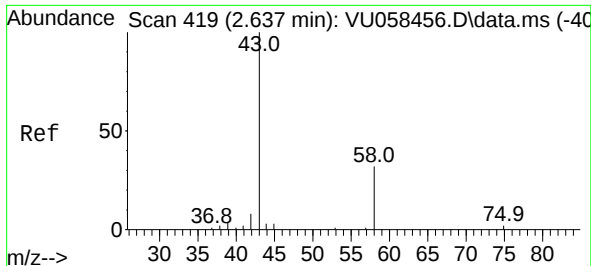
Tgt Ion: 101 Resp: 31361
 Ion Ratio Lower Upper
 101 100
 85 47.8 36.8 55.2
 151 70.9 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 5.525 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU058480.D
 Acq: 08 Apr 2024 19:46

Tgt Ion: 96 Resp: 28585
 Ion Ratio Lower Upper
 96 100
 61 187.0 132.5 246.1
 63 93.8 87.7 162.9





#13

Acetone

Concen: 49.011 ug/L

RT: 2.637 min Scan# 419

Delta R.T. 0.000 min

Lab File: VU058480.D

Acq: 08 Apr 2024 19:46

Instrument :

MSVOA_U

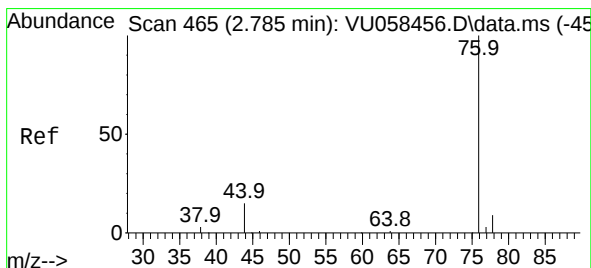
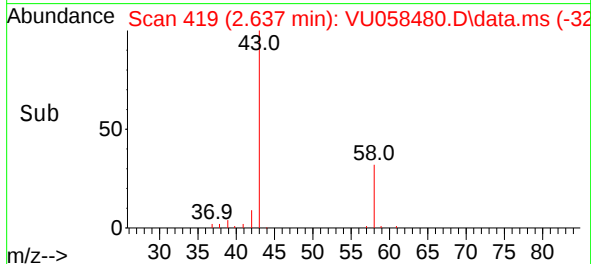
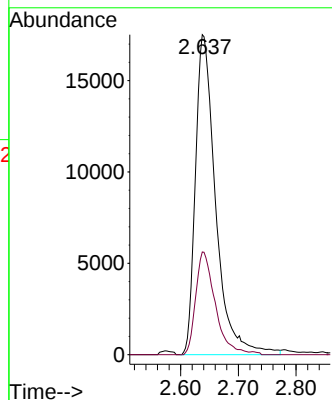
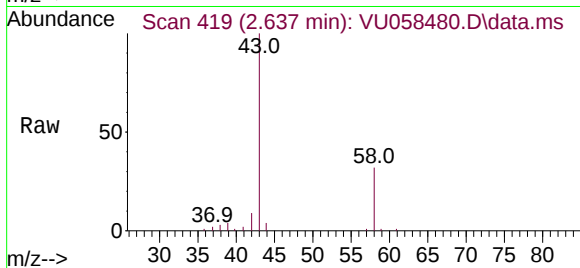
ClientSampleId :

Tgt Ion: 43 Resp: 42611

Ion Ratio Lower Upper

43 100

58 30.9 0.0 61.4



#14

Carbon disulfide

Concen: 5.337 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU058480.D

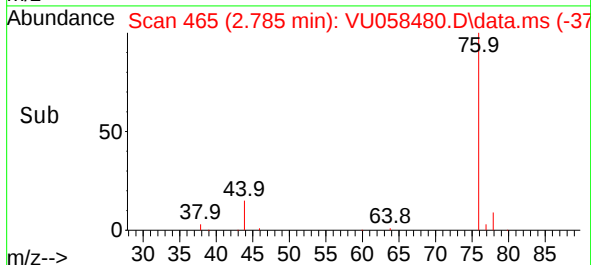
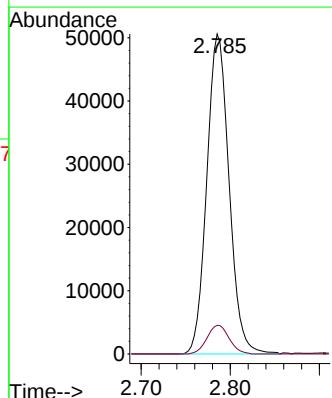
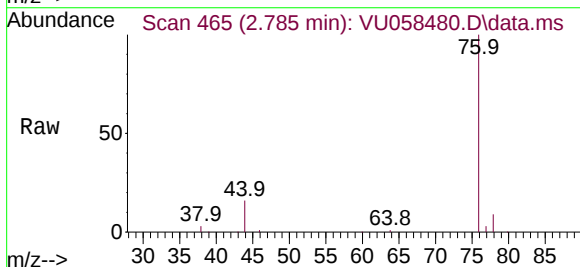
Acq: 08 Apr 2024 19:46

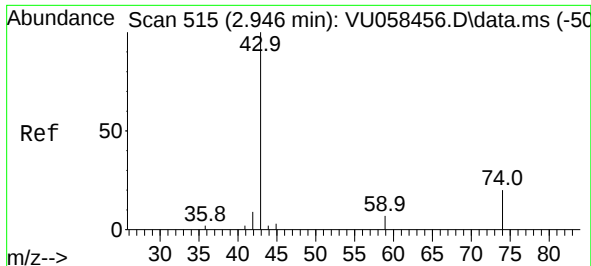
Tgt Ion: 76 Resp: 87709

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3





#15

Methyl Acetate

Concen: 5.398 ug/L

RT: 2.949 min Scan# 515

Delta R.T. 0.003 min

Lab File: VU058480.D

Acq: 08 Apr 2024 19:46

Instrument :

MSVOA_U

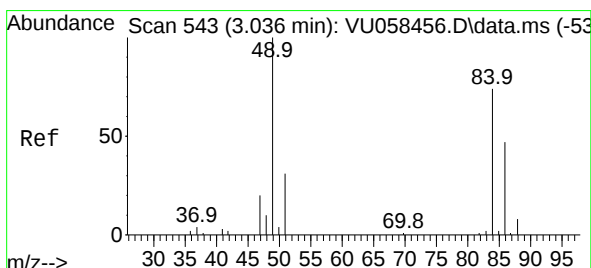
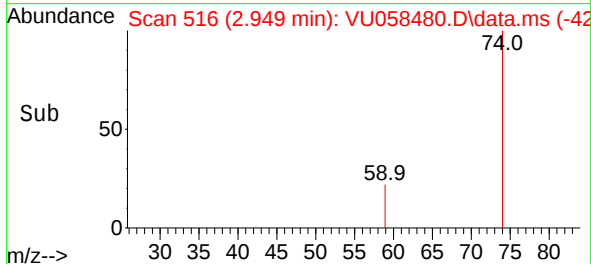
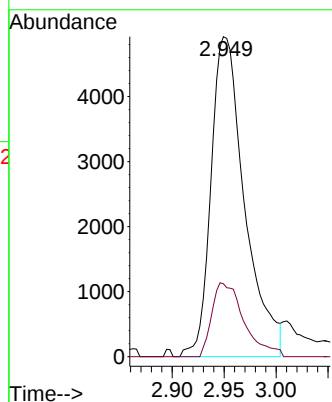
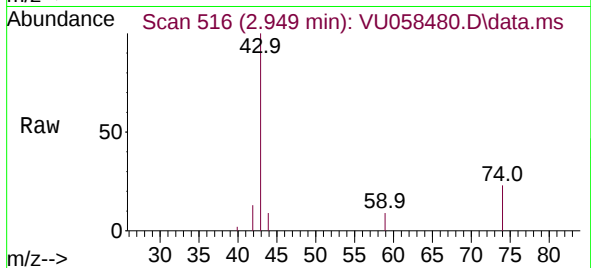
ClientSampleId :

Tgt Ion: 43 Resp: 11074

Ion Ratio Lower Upper

43 100

74 22.0 16.6 25.0



#16

Methylene chloride

Concen: 5.312 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU058480.D

Acq: 08 Apr 2024 19:46

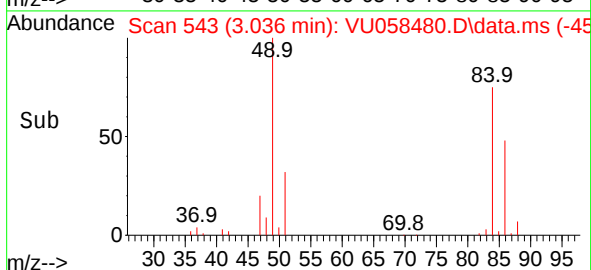
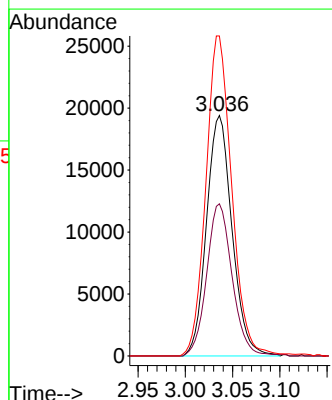
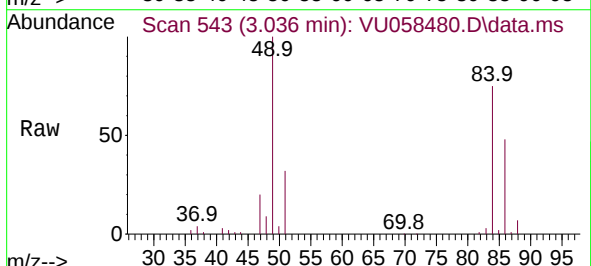
Tgt Ion: 84 Resp: 36477

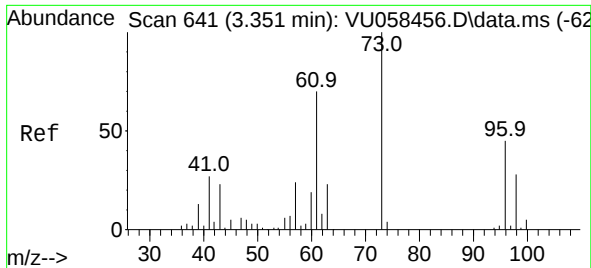
Ion Ratio Lower Upper

84 100

86 63.3 44.3 82.3

49 133.1 96.0 178.2

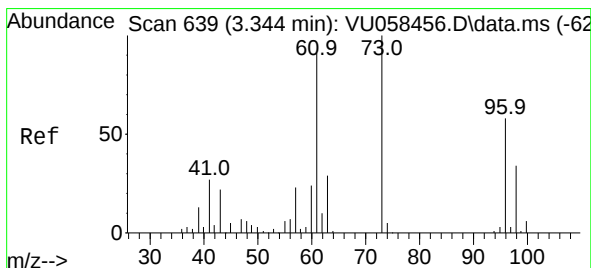
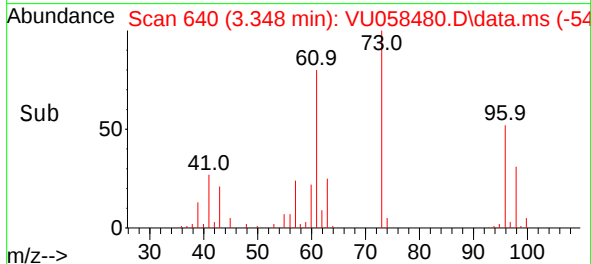
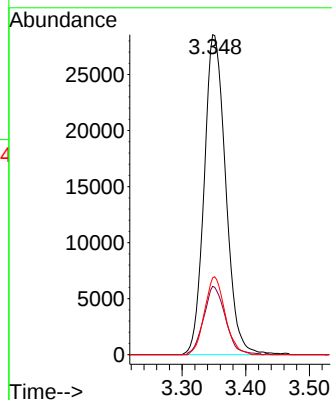
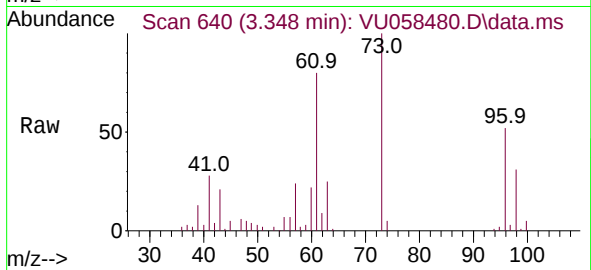




#17
Methyl tert-butyl Ether
Concen: 5.484 ug/L
RT: 3.348 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

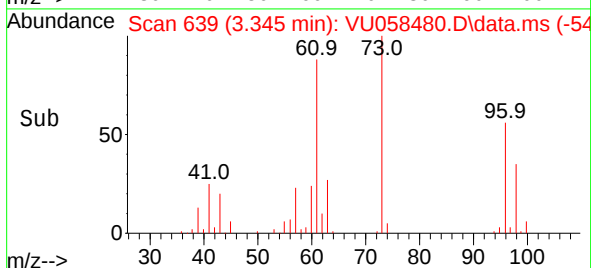
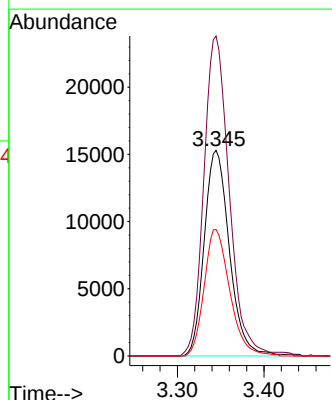
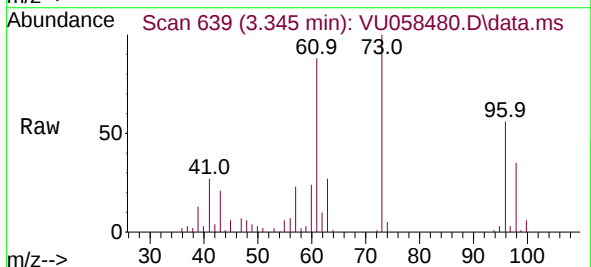
Instrument :
MSVOA_U
ClientSampleId :

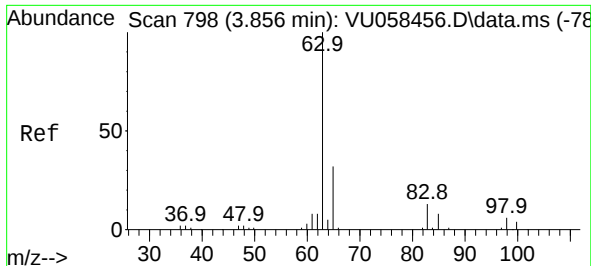
Tgt Ion: 73 Resp: 67028
Ion Ratio Lower Upper
73 100
43 21.6 17.4 26.2
57 23.3 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 5.696 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

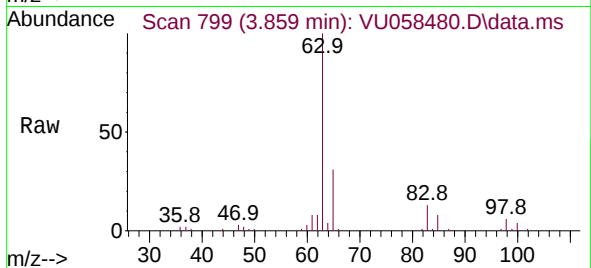
Tgt Ion: 96 Resp: 30887
Ion Ratio Lower Upper
96 100
61 155.6 107.6 199.8
98 61.6 45.1 83.7



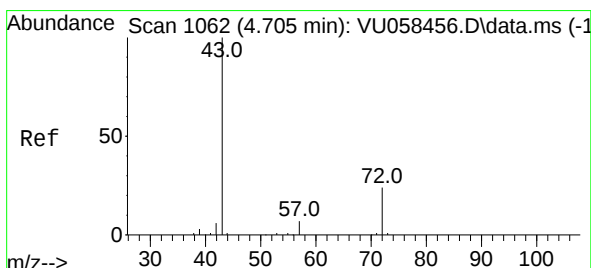
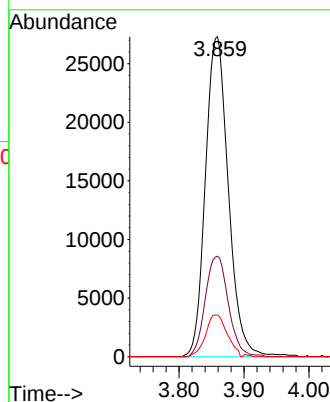
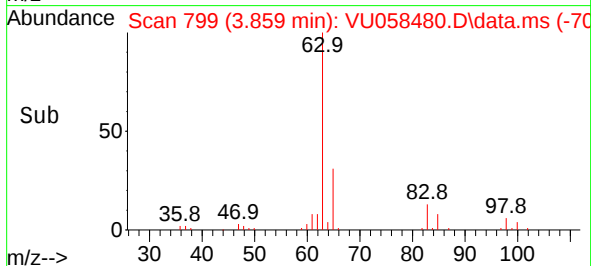


#19
1,1-Dichloroethane
Concen: 5.663 ug/L
RT: 3.859 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

Instrument :
MSVOA_U
ClientSampleId :

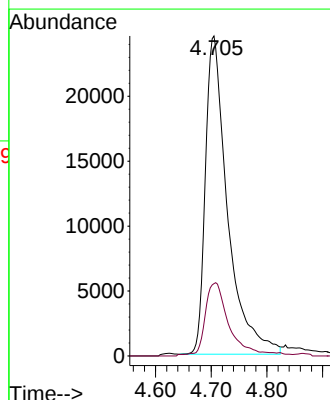
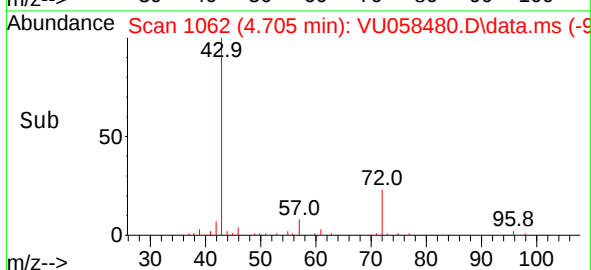
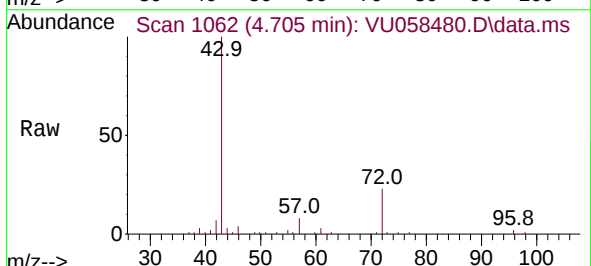


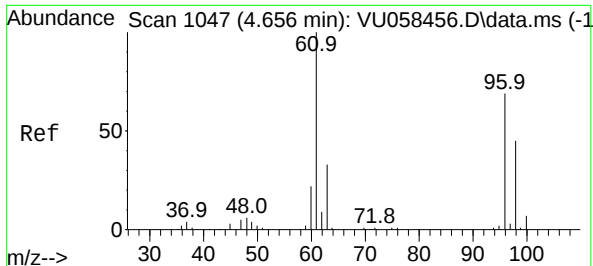
Tgt Ion: 63 Resp: 67031
Ion Ratio Lower Upper
63 100
65 31.4 22.9 42.5
83 13.0 9.6 17.8



#21
2-Butanone
Concen: 52.272 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

Tgt Ion: 43 Resp: 67927
Ion Ratio Lower Upper
43 100
72 22.6 11.7 35.0

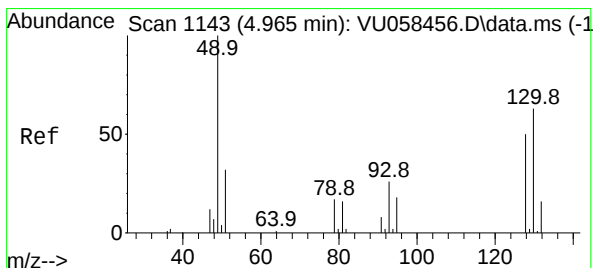
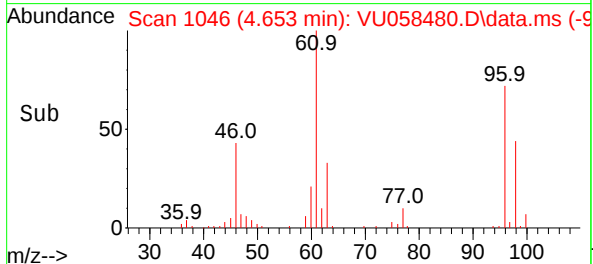
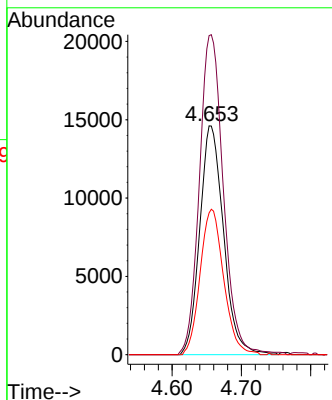
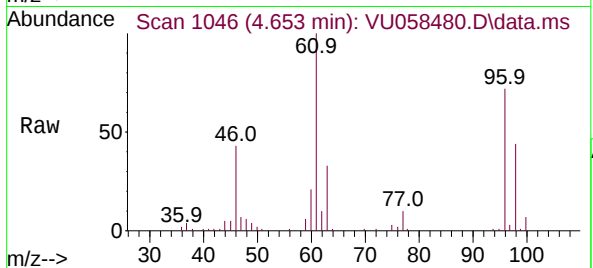




#22
 cis-1,2-Dichloroethene
 Concen: 5.720 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU058480.D
 Acq: 08 Apr 2024 19:46

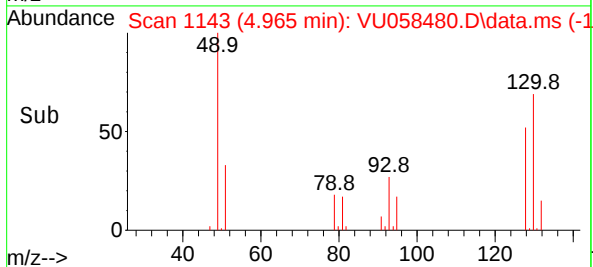
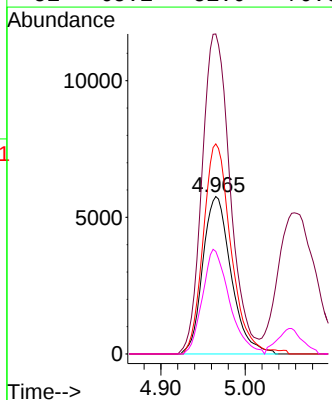
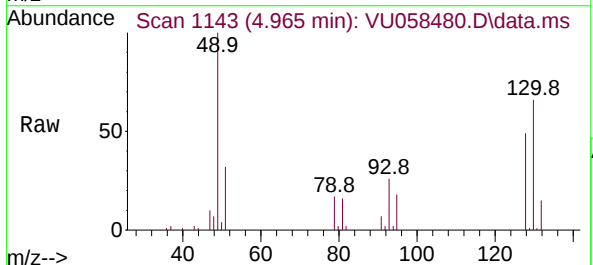
Instrument :
 MSVOA_U
 ClientSampleId :

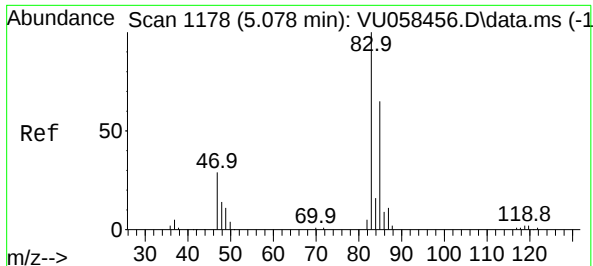
Tgt Ion: 96 Resp: 34833
 Ion Ratio Lower Upper
 96 100
 61 139.5 98.1 182.3
 98 62.0 43.6 81.0



#23
 Bromochloromethane
 Concen: 5.606 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU058480.D
 Acq: 08 Apr 2024 19:46

Tgt Ion:128 Resp: 13451
 Ion Ratio Lower Upper
 128 100
 49 203.1 134.4 249.6
 130 133.4 90.0 167.2
 51 65.1 51.0 76.6





#25

Chloroform

Concen: 5.772 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU058480.D

Acq: 08 Apr 2024 19:46

Instrument :

MSVOA_U

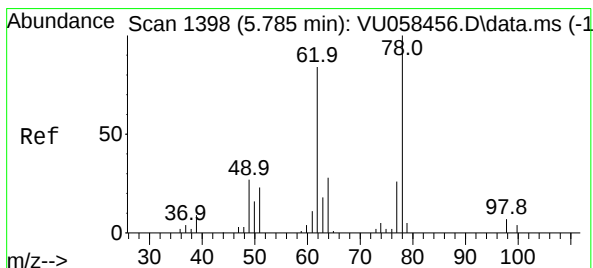
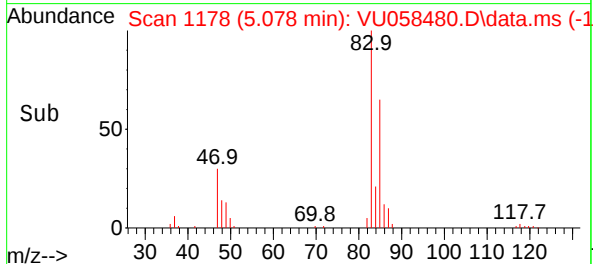
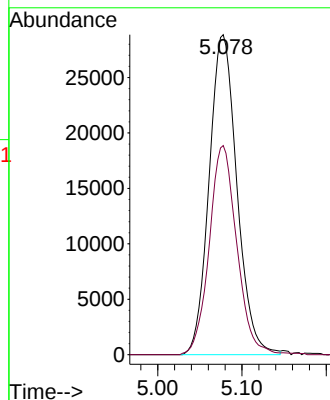
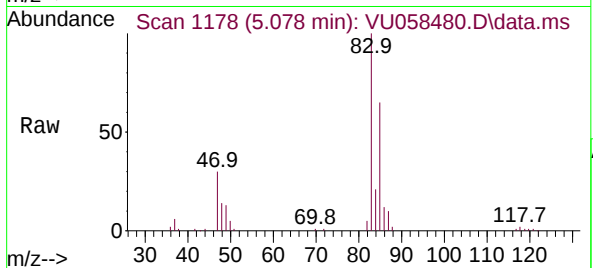
ClientSampleId :

Tgt Ion: 83 Resp: 66129

Ion Ratio Lower Upper

83 100

85 65.4 44.7 83.1



#27

1,2-Dichloroethane

Concen: 5.833 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU058480.D

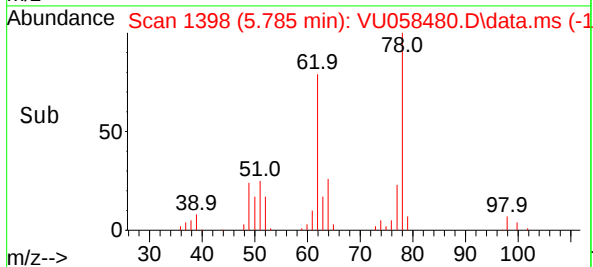
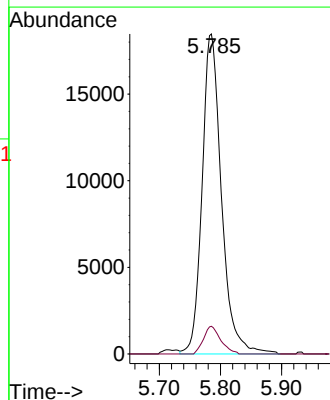
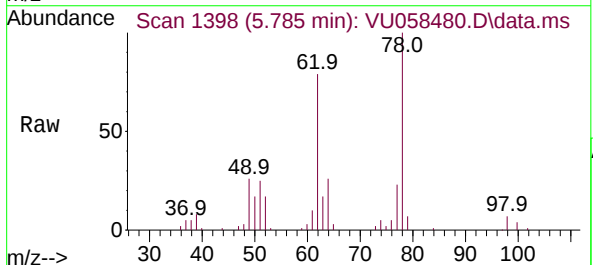
Acq: 08 Apr 2024 19:46

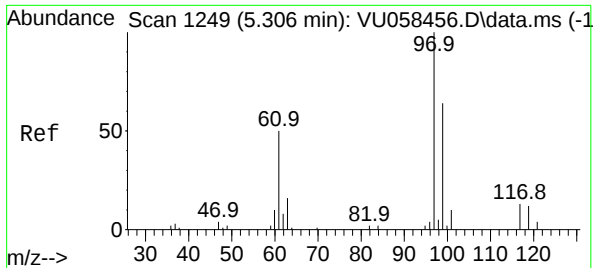
Tgt Ion: 62 Resp: 40693

Ion Ratio Lower Upper

62 100

98 8.7 7.0 10.4



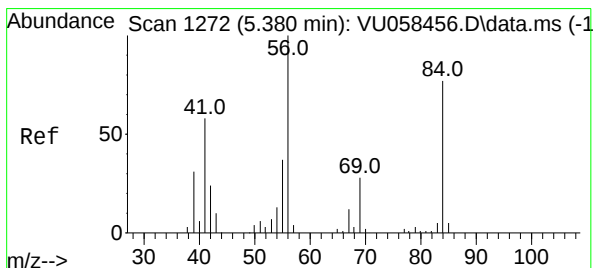
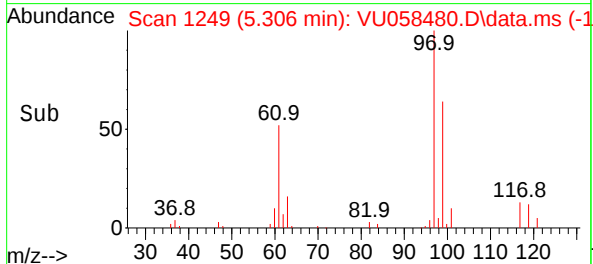
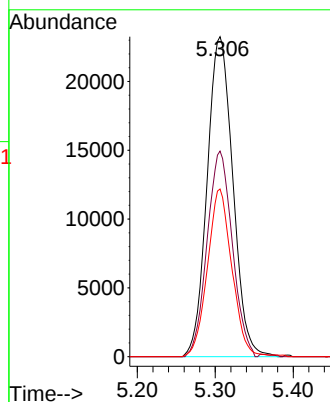
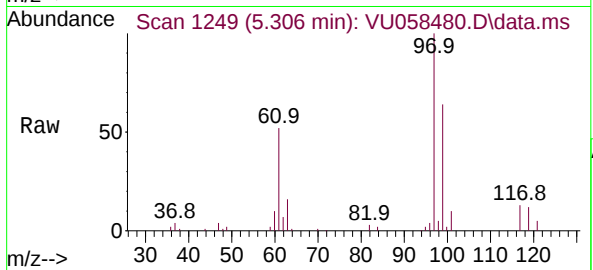


#29
1,1,1-Trichloroethane
Concen: 5.509 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 53428

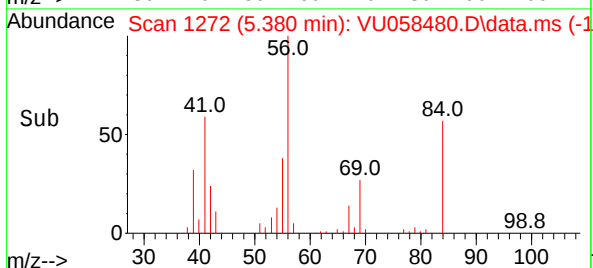
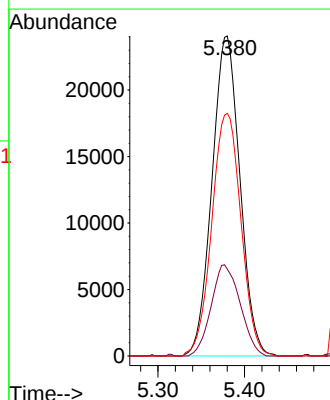
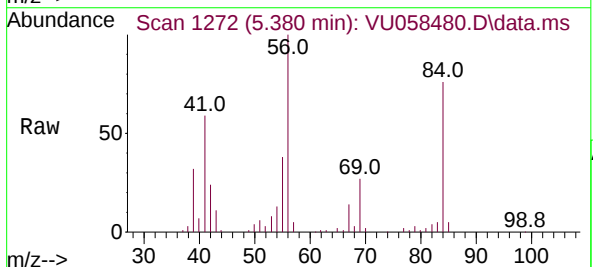
Ion	Ratio	Lower	Upper
97	100		
99	62.8	50.4	75.6
61	49.5	39.4	59.0

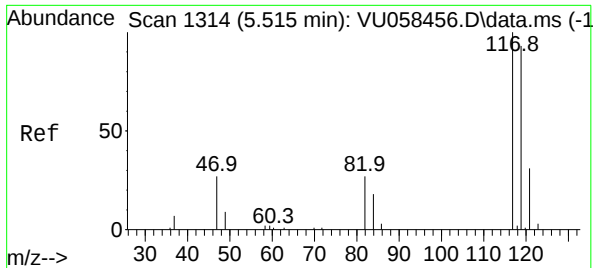


#30
Cyclohexane
Concen: 5.257 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

Tgt Ion: 56 Resp: 53845

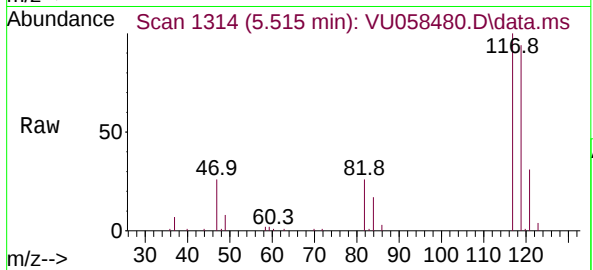
Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.2	34.8
84	79.1	63.3	94.9



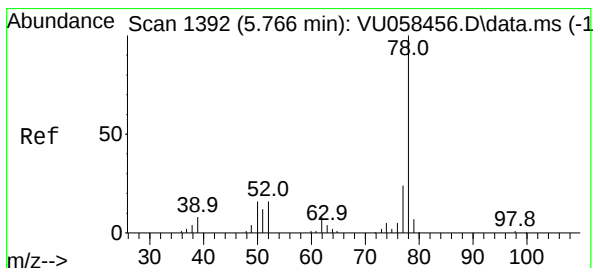
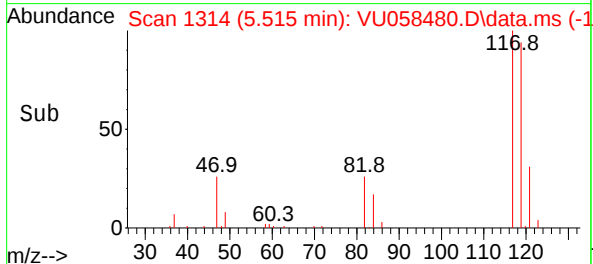
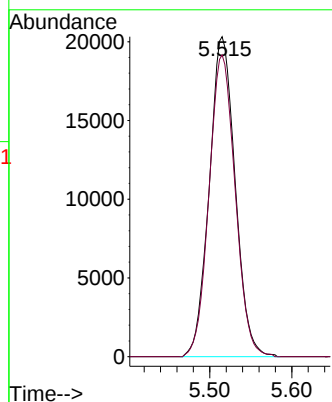


#31
Carbon tetrachloride
Concen: 5.429 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

Instrument :
MSVOA_U
ClientSampleId :

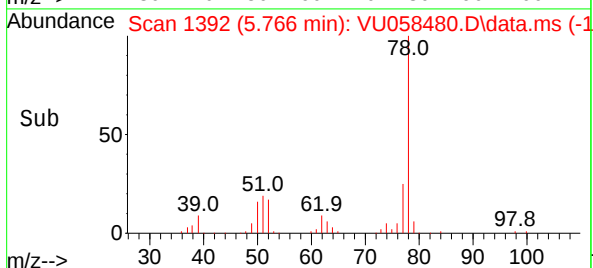
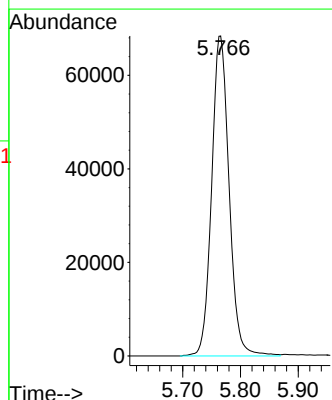
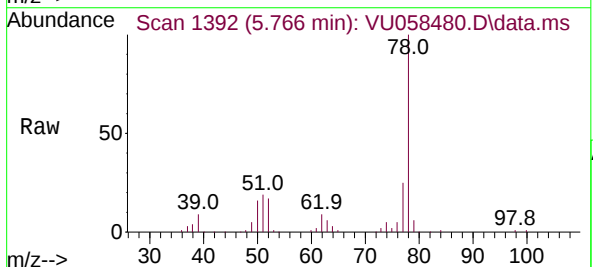


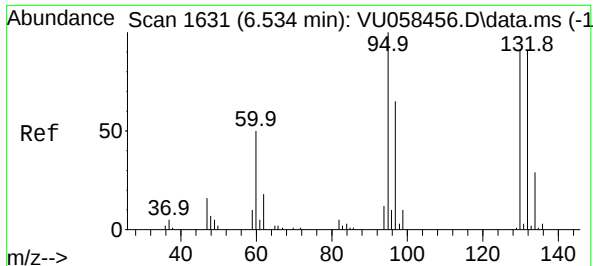
Tgt Ion:117 Resp: 44589
Ion Ratio Lower Upper
117 100
119 95.1 76.7 115.1



#33
Benzene
Concen: 5.481 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

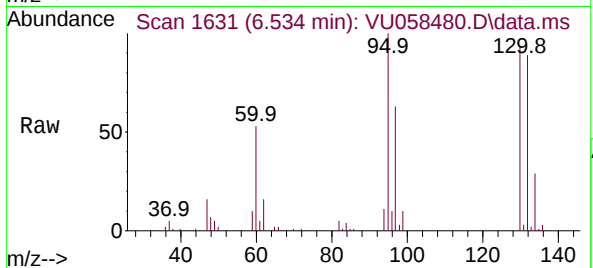
Tgt Ion: 78 Resp: 143701



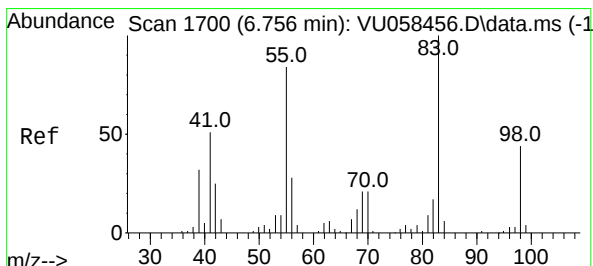
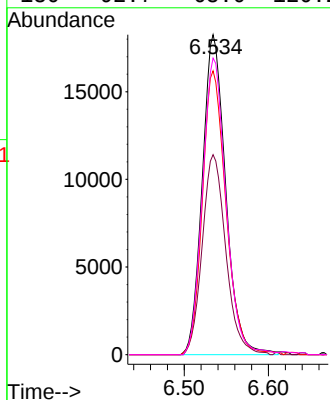
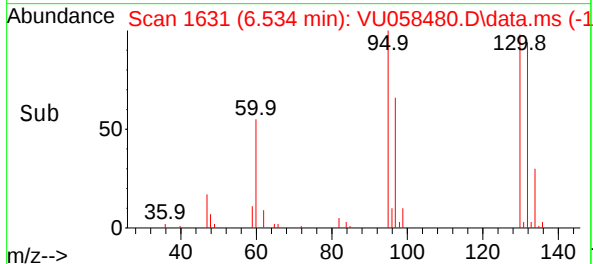


#34
Trichloroethene
Concen: 5.335 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

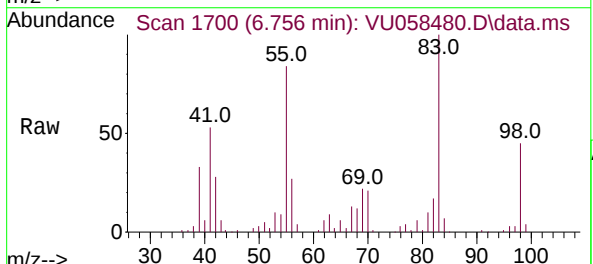
Instrument :
MSVOA_U
ClientSampleId :



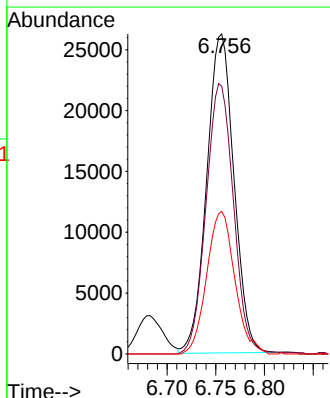
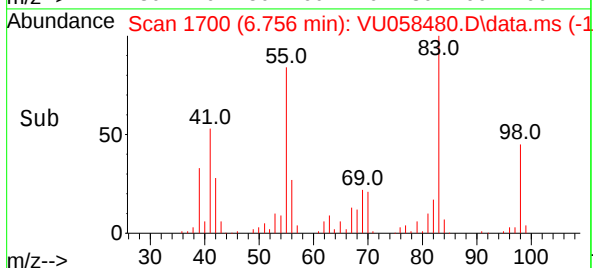
Tgt Ion: 95 Resp: 35263
Ion Ratio Lower Upper
95 100
97 62.5 45.6 84.6
132 88.7 64.8 120.3
130 92.7 68.0 126.2

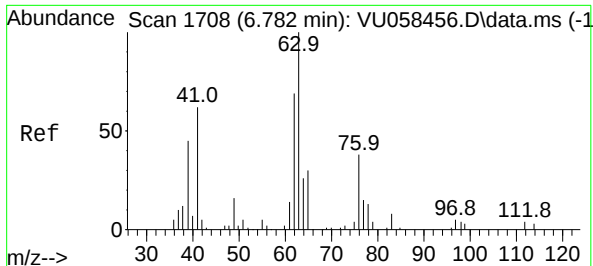


#35
Methylcyclohexane
Concen: 5.119 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46



Tgt Ion: 83 Resp: 50973
Ion Ratio Lower Upper
83 100
55 85.5 66.2 99.4
98 46.0 34.6 52.0

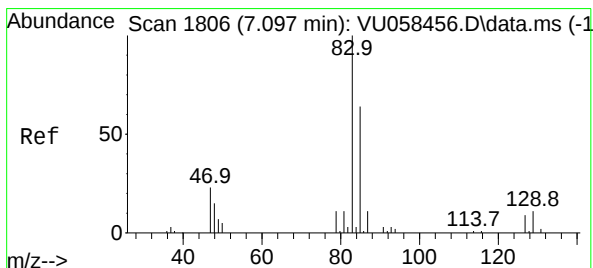
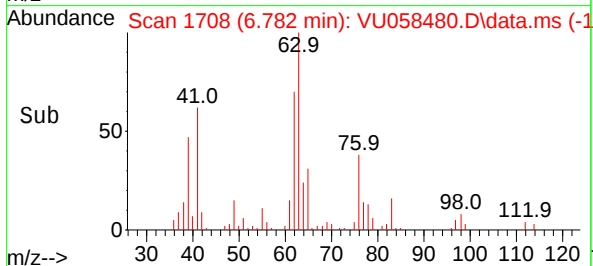
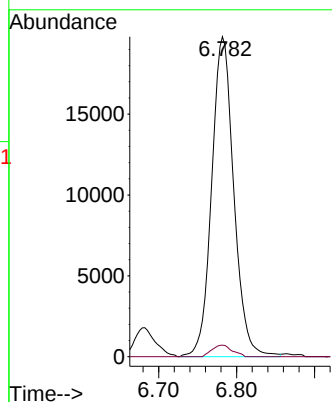
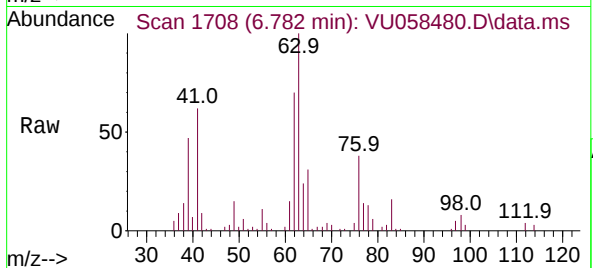




#37
1,2-Dichloropropane
Concen: 5.666 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

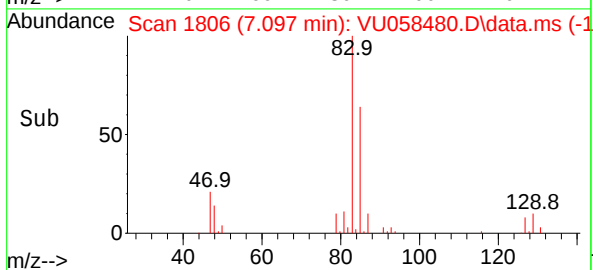
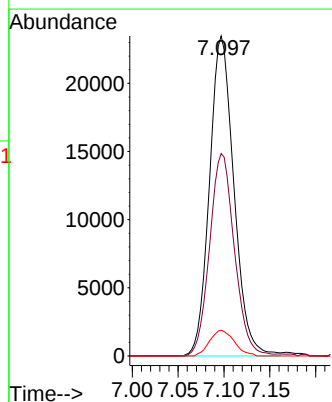
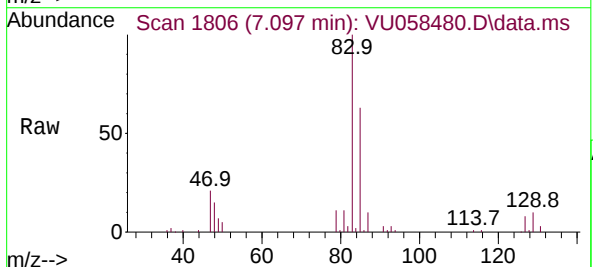
Instrument :
MSVOA_U
ClientSampleId :

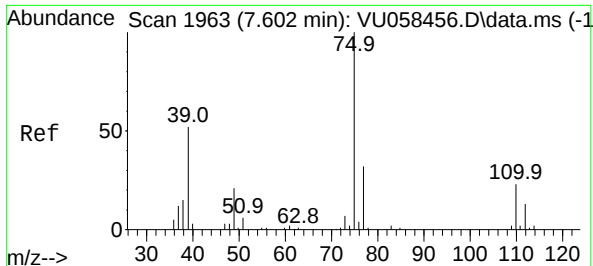
Tgt Ion: 63 Resp: 39086
Ion Ratio Lower Upper
63 100
112 3.3 2.6 4.0



#38
Bromodichloromethane
Concen: 5.514 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

Tgt Ion: 83 Resp: 43413
Ion Ratio Lower Upper
83 100
85 63.2 44.2 82.2
127 8.1 6.5 9.7

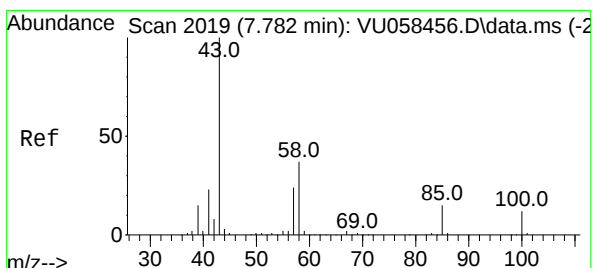
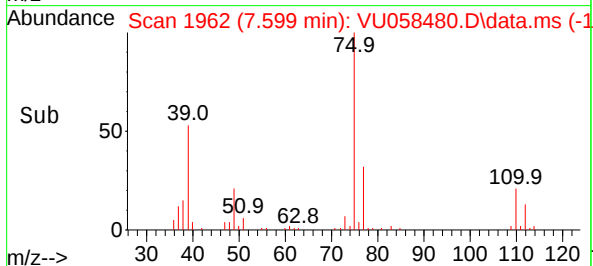
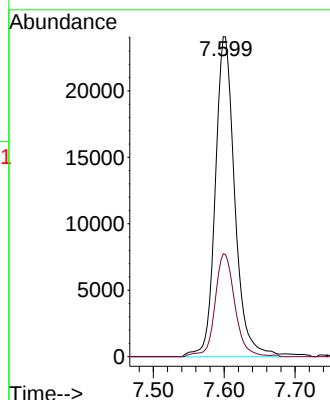
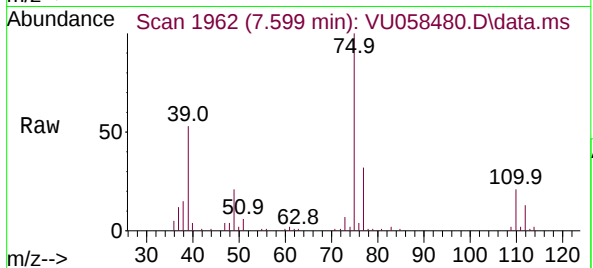




#39
cis-1,3-Dichloropropene
Concen: 5.247 ug/L
RT: 7.599 min Scan# 1962
Delta R.T. -0.003 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

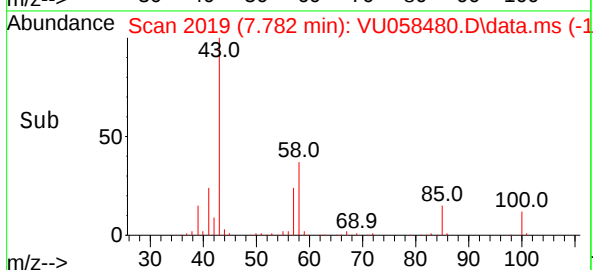
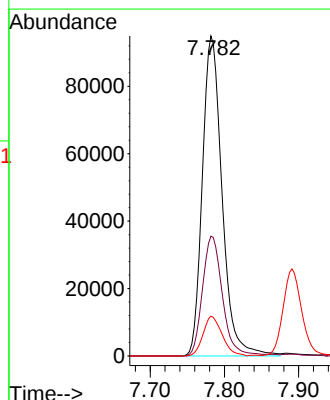
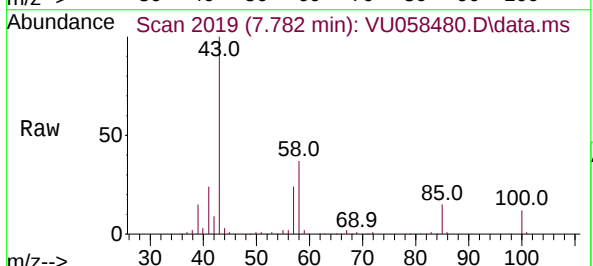
Instrument :
MSVOA_U
ClientSampleId :

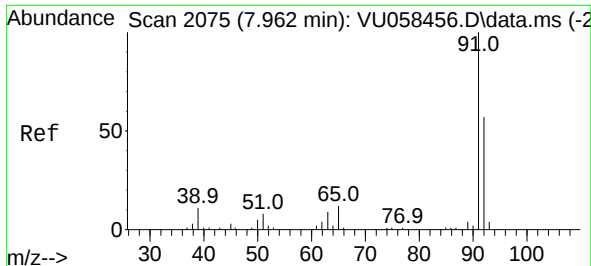
Tgt Ion: 75 Resp: 46028
Ion Ratio Lower Upper
75 100
77 32.1 22.7 42.3



#40
4-Methyl-2-pentanone
Concen: 53.946 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

Tgt Ion: 43 Resp: 175162
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6
100 12.0 10.3 15.5





#42

Toluene

Concen: 5.381 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058480.D

Acq: 08 Apr 2024 19:46

Instrument :

MSVOA_U

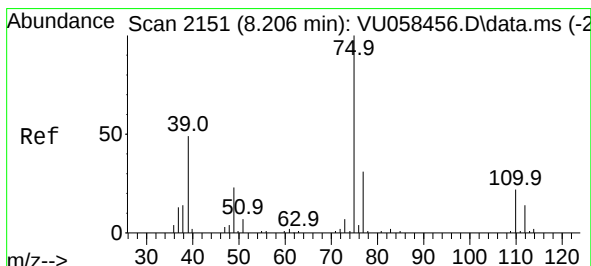
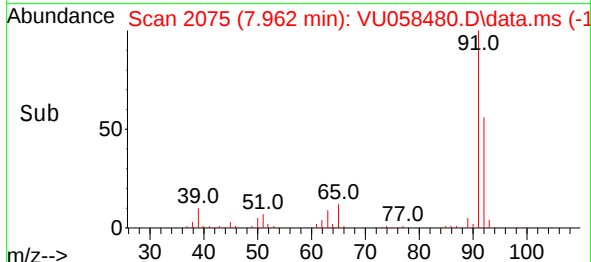
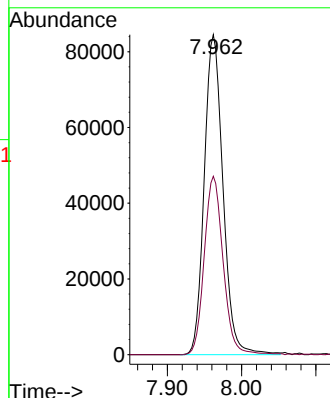
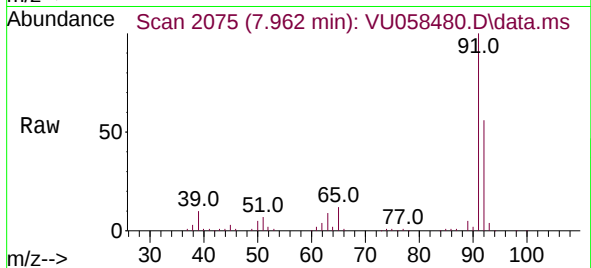
ClientSampleId :

Tgt Ion: 91 Resp: 147985

Ion Ratio Lower Upper

91 100

92 55.8 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 5.338 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU058480.D

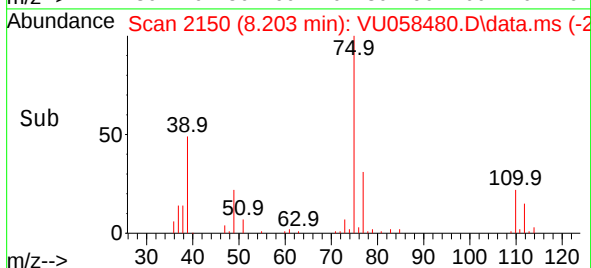
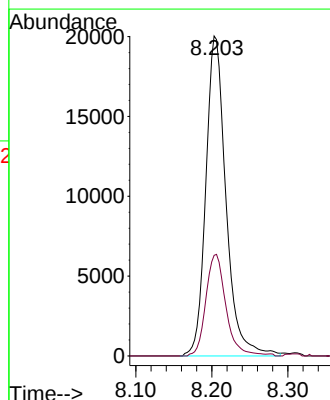
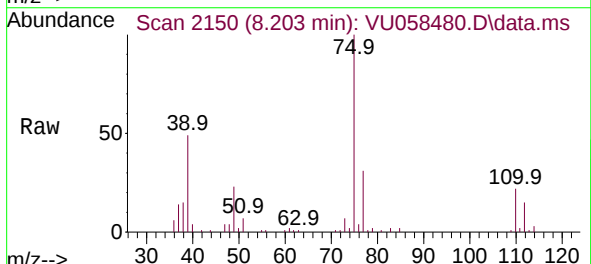
Acq: 08 Apr 2024 19:46

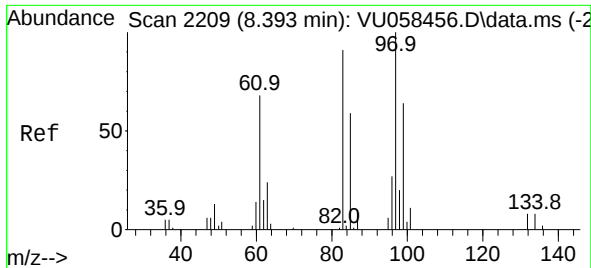
Tgt Ion: 75 Resp: 36926

Ion Ratio Lower Upper

75 100

77 31.5 22.2 41.2

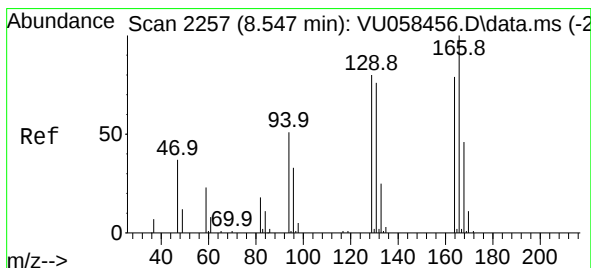
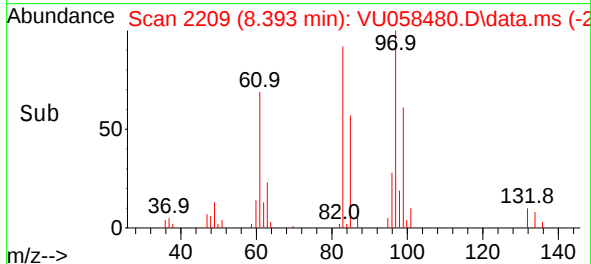
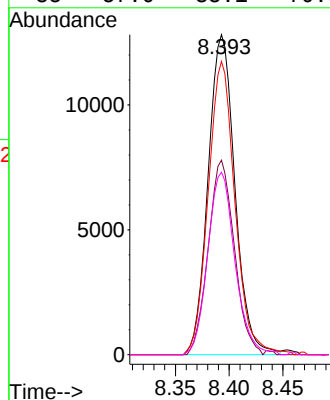
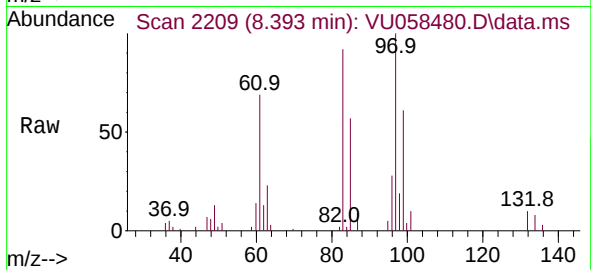




#45
1,1,2-Trichloroethane
Concen: 5.525 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

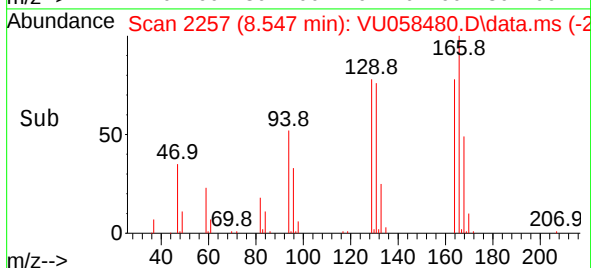
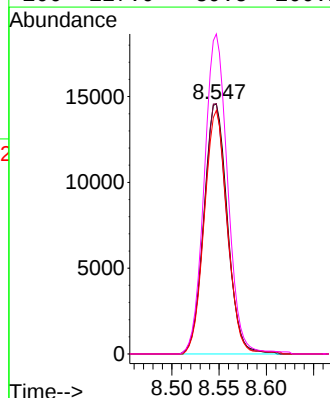
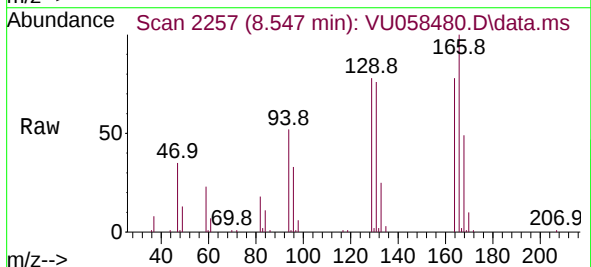
Instrument :
MSVOA_U
ClientSampleId :

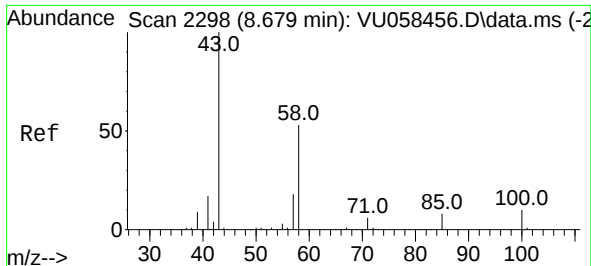
Tgt Ion: 97	Resp: 22258
Ion Ratio	Lower Upper
97 100	
99 60.8	43.7 81.1
83 91.7	64.5 119.7
85 57.0	38.1 70.9



#47
Tetrachloroethene
Concen: 5.201 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

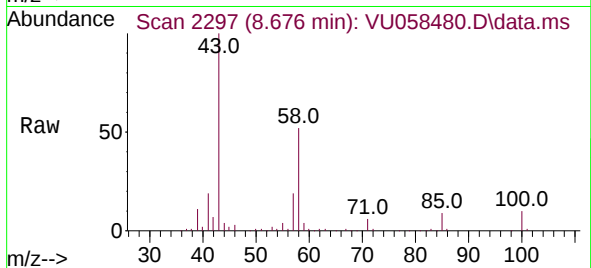
Tgt	Ion:164	Resp:	25200
Ion	Ratio	Lower	Upper
164	100		
129	100.0	67.3	125.1
131	97.4	65.5	121.6
166	127.9	89.5	166.1



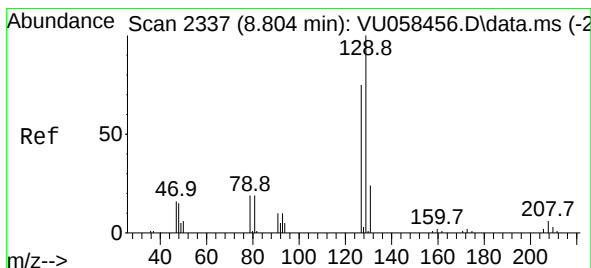
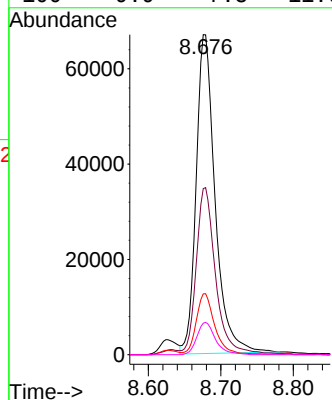
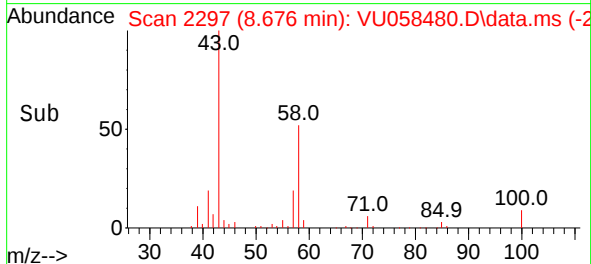


#48
2-Hexanone
Concen: 52.897 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

Instrument :
MSVOA_U
ClientSampleId :

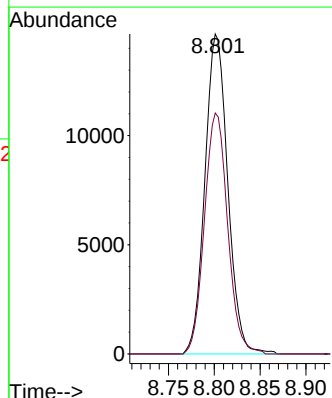
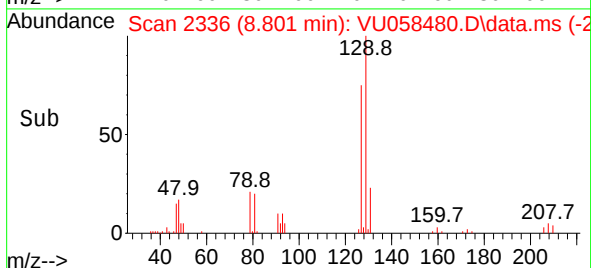
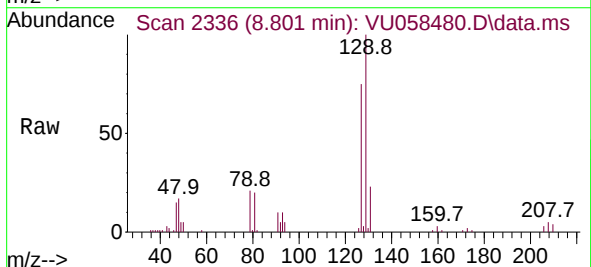


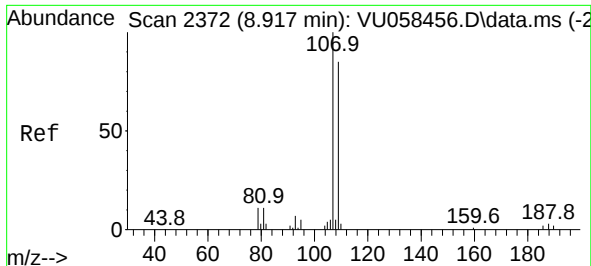
Tgt Ion: 43 Resp: 121932
Ion Ratio Lower Upper
43 100
58 53.1 43.2 64.8
57 18.4 15.4 23.0
100 9.9 7.8 11.6



#49
Dibromochloromethane
Concen: 5.461 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

Tgt Ion: 129 Resp: 25436
Ion Ratio Lower Upper
129 100
127 75.3 53.5 99.5





#50

1,2-Dibromoethane

Concen: 5.335 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

Lab File: VU058480.D

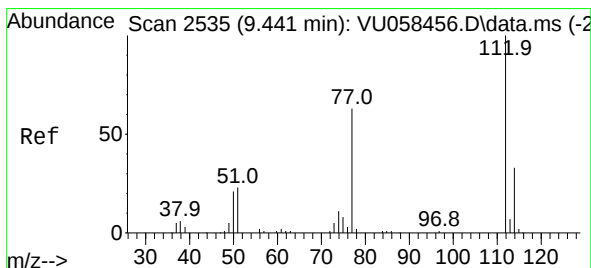
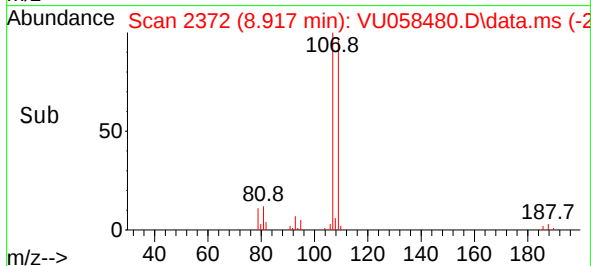
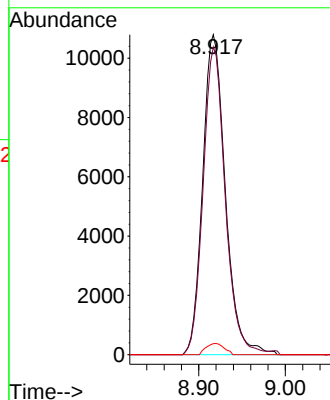
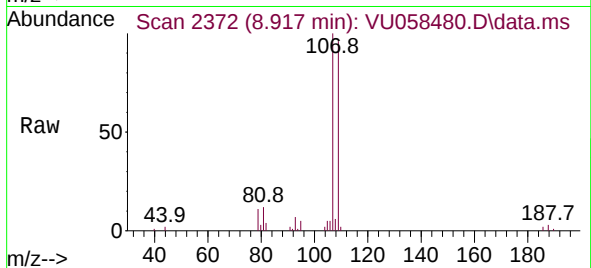
Acq: 08 Apr 2024 19:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	19656
Ion Ratio	Lower	Upper	
107	100		
109	96.2	67.3	124.9
188	3.4	2.5	3.7



#51

Chlorobenzene

Concen: 5.358 ug/L

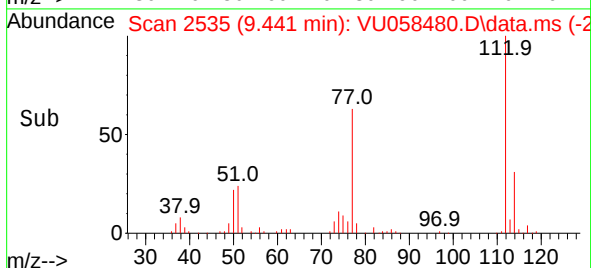
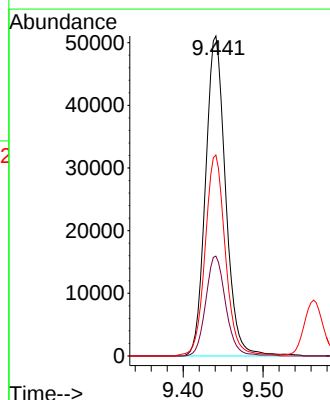
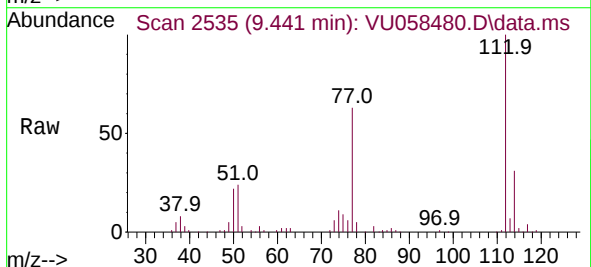
RT: 9.441 min Scan# 2535

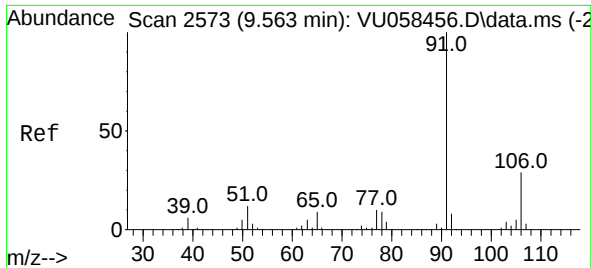
Delta R.T. 0.000 min

Lab File: VU058480.D

Acq: 08 Apr 2024 19:46

Tgt Ion:	112	Resp:	89160
Ion Ratio	Lower	Upper	
112	100		
114	31.2	22.4	41.6
77	62.8	50.1	75.1

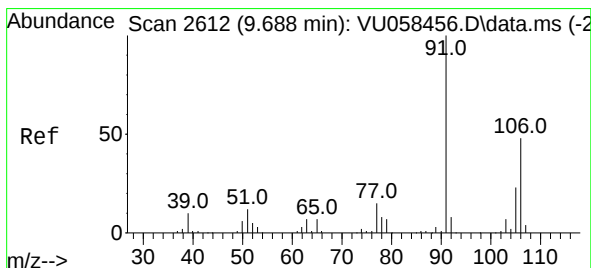
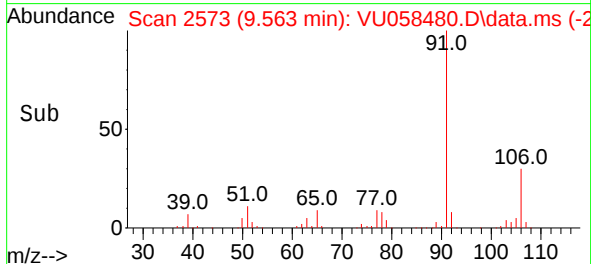
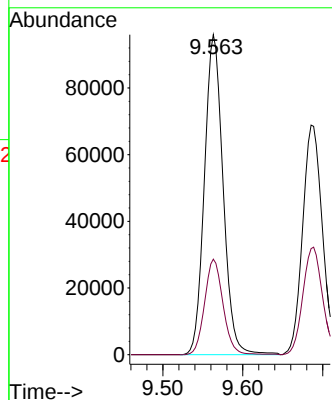
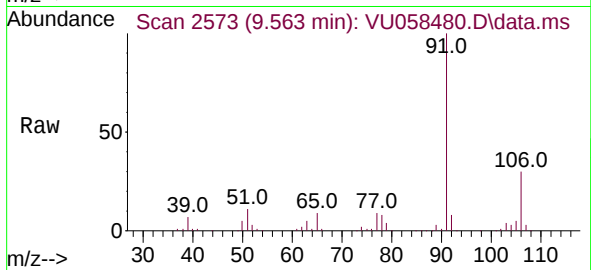




#52
Ethylbenzene
Concen: 5.355 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

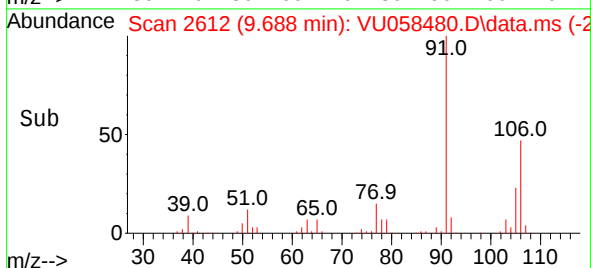
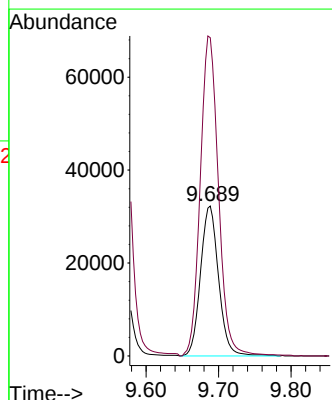
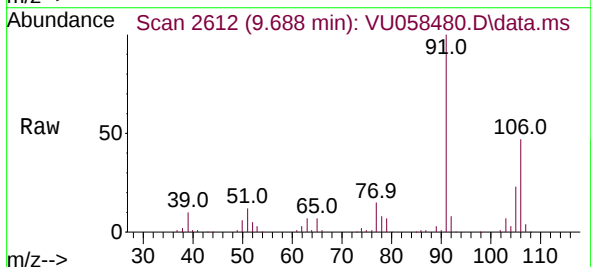
Instrument :
MSVOA_U
ClientSampleId :

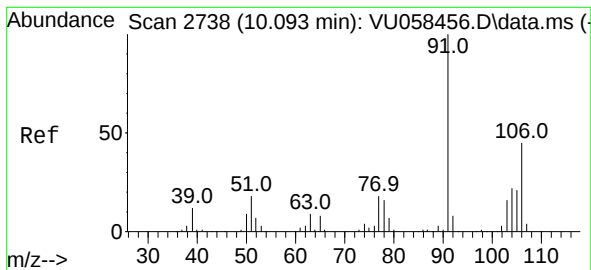
Tgt Ion: 91 Resp: 156020
Ion Ratio Lower Upper
91 100
106 29.9 20.6 38.4



#53
m,p-Xylene
Concen: 5.355 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

Tgt Ion: 106 Resp: 55873
Ion Ratio Lower Upper
106 100
91 212.4 147.8 274.4





#54

o-Xylene

Concen: 5.457 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU058480.D

Acq: 08 Apr 2024 19:46

Instrument :

MSVOA_U

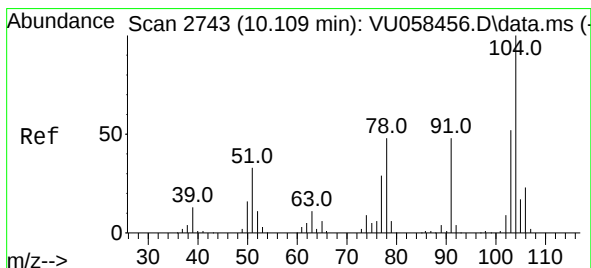
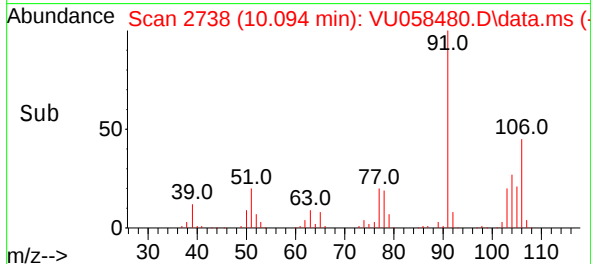
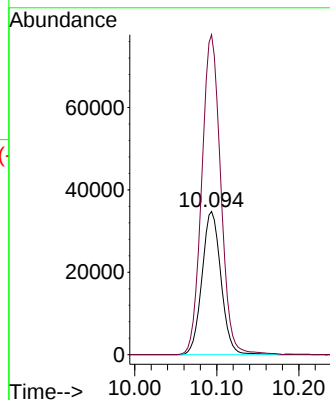
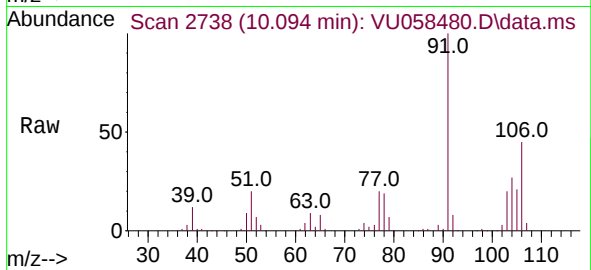
ClientSampleId :

Tgt Ion:106 Resp: 55819

Ion Ratio Lower Upper

106 100

91 223.3 156.9 291.5



#55

Styrene

Concen: 5.541 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.003 min

Lab File: VU058480.D

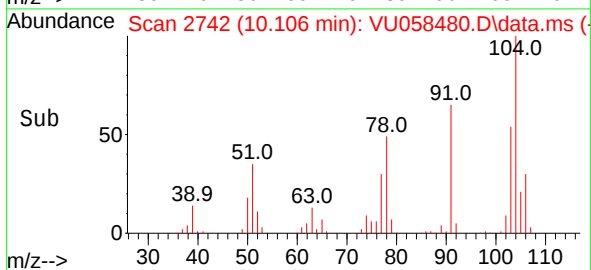
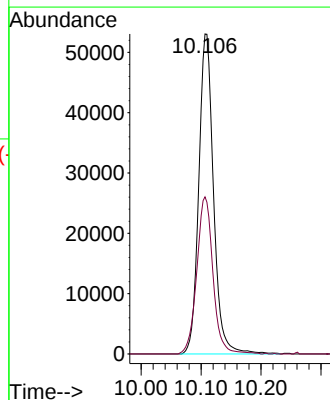
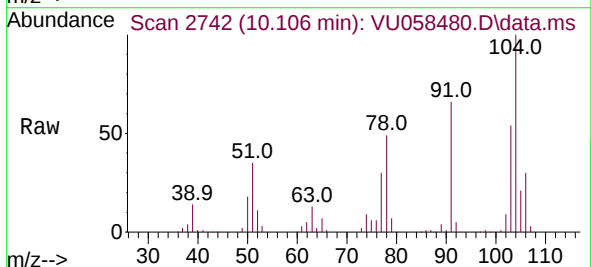
Acq: 08 Apr 2024 19:46

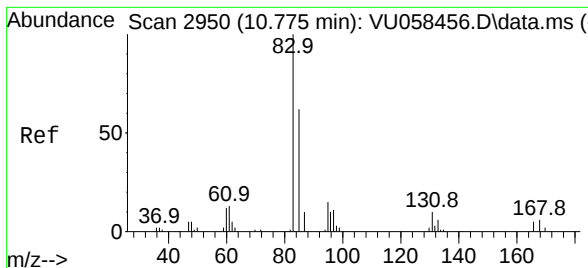
Tgt Ion:104 Resp: 91190

Ion Ratio Lower Upper

104 100

78 49.1 33.9 63.0

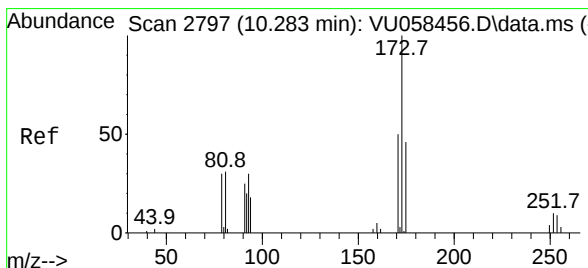
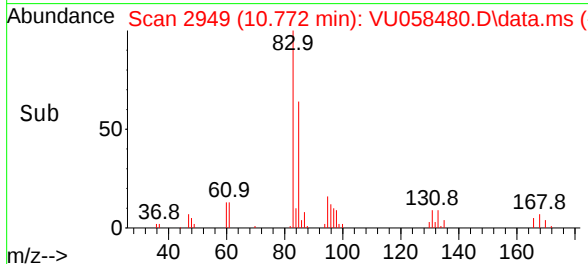
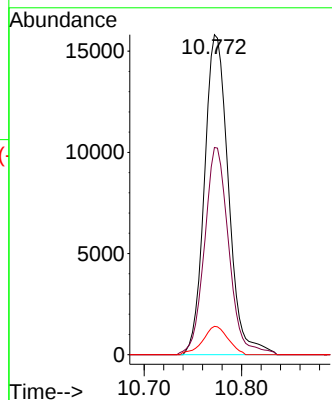
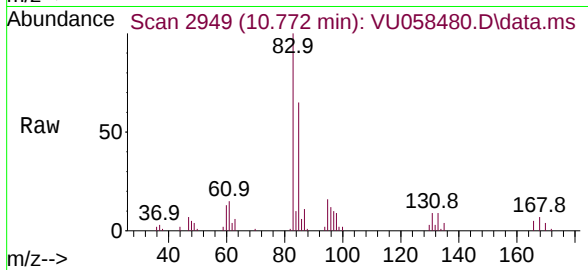




#57
1,1,2,2-Tetrachloroethane
Concen: 5.439 ug/L
RT: 10.772 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

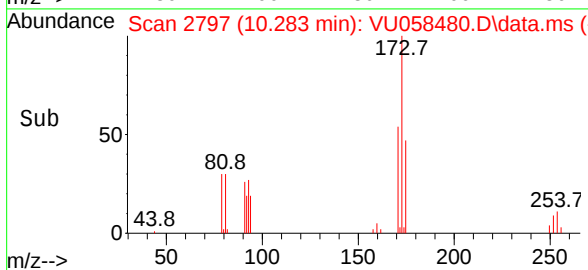
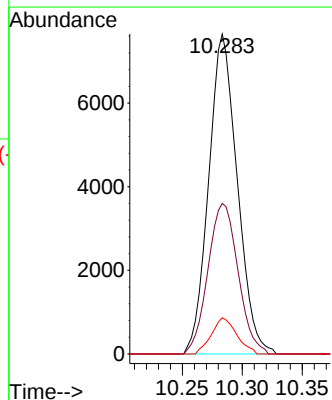
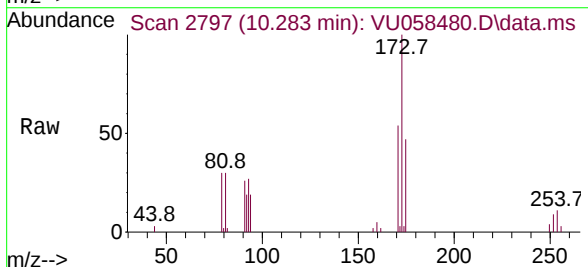
Instrument :
MSVOA_U
ClientSampleId :

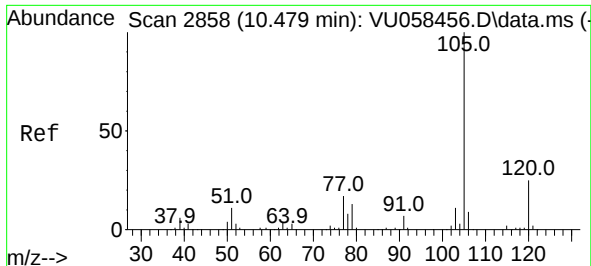
Tgt Ion: 83 Resp: 27029
Ion Ratio Lower Upper
83 100
85 64.7 45.1 83.7
131 8.8 6.9 10.3



#59
Bromoform
Concen: 5.290 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

Tgt Ion:173 Resp: 12682
Ion Ratio Lower Upper
173 100
175 49.5 38.0 57.0
254 9.9 7.5 11.3





#60

Isopropylbenzene

Concen: 5.395 ug/L

RT: 10.476 min Scan# 2858

Delta R.T. -0.003 min

Lab File: VU058480.D

Acq: 08 Apr 2024 19:46

Instrument :

MSVOA_U

ClientSampleId :

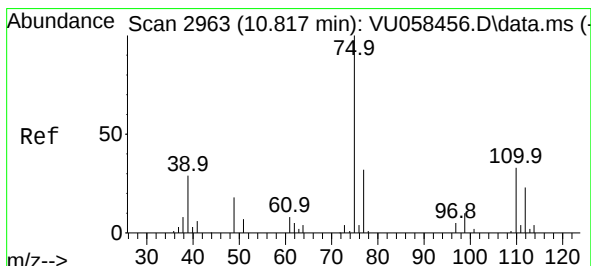
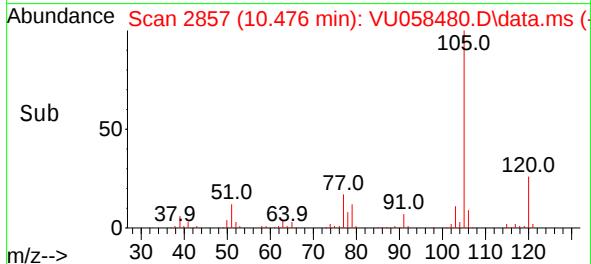
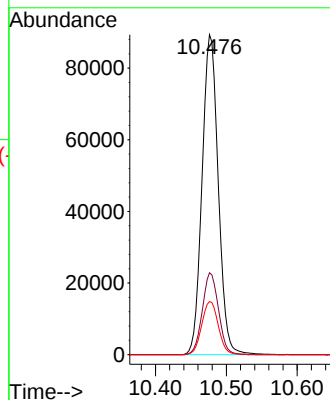
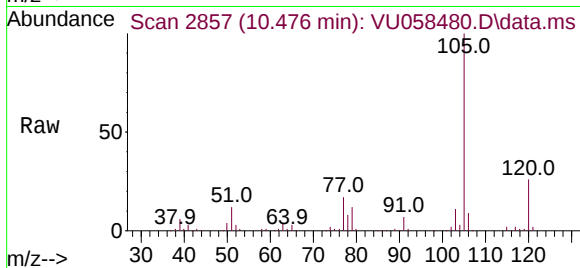
Tgt Ion:105 Resp: 141717

Ion Ratio Lower Upper

105 100

120 25.5 20.2 30.4

77 17.0 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 5.425 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU058480.D

Acq: 08 Apr 2024 19:46

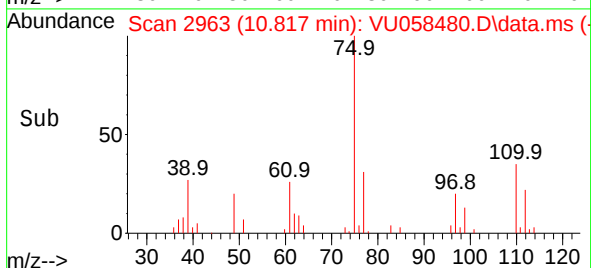
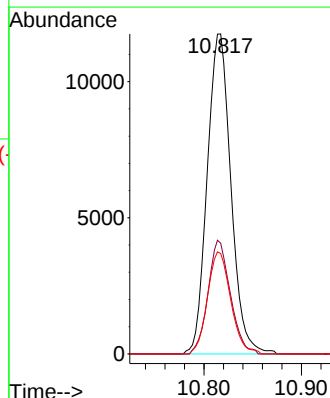
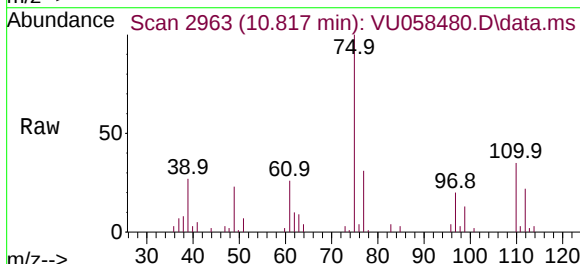
Tgt Ion: 75 Resp: 19859

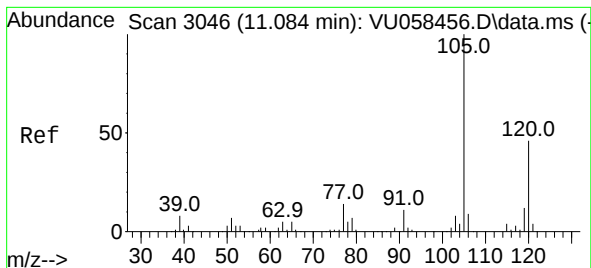
Ion Ratio Lower Upper

75 100

110 33.4 25.8 38.6

77 31.2 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 5.309 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU058480.D

Acq: 08 Apr 2024 19:46

Instrument :

MSVOA_U

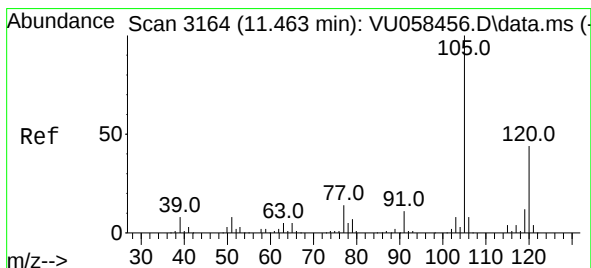
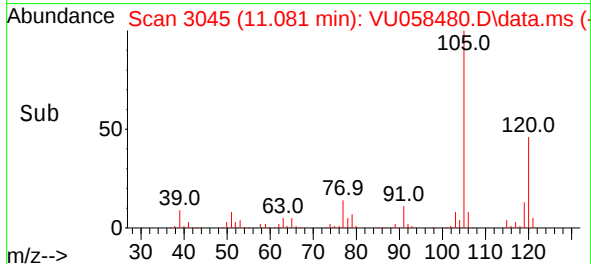
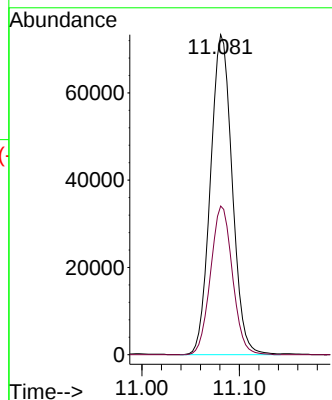
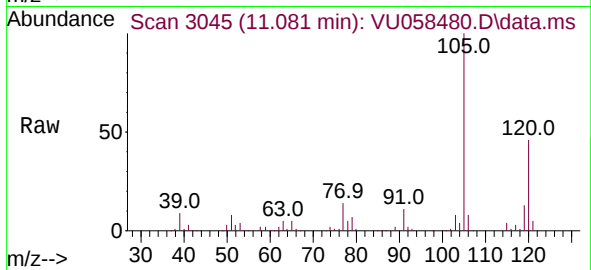
ClientSampleId :

Tgt Ion:105 Resp: 113724

Ion Ratio Lower Upper

105 100

120 46.7 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 5.341 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU058480.D

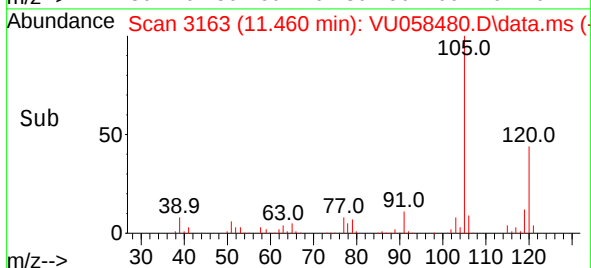
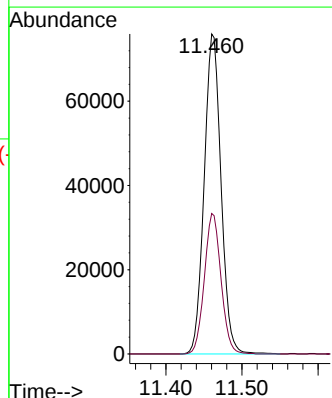
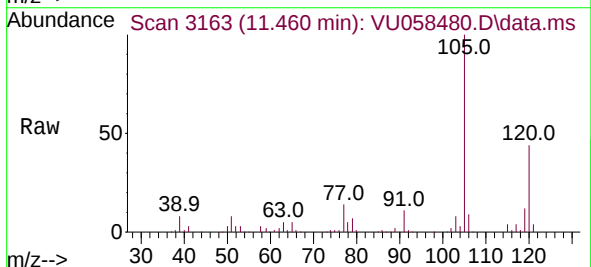
Acq: 08 Apr 2024 19:46

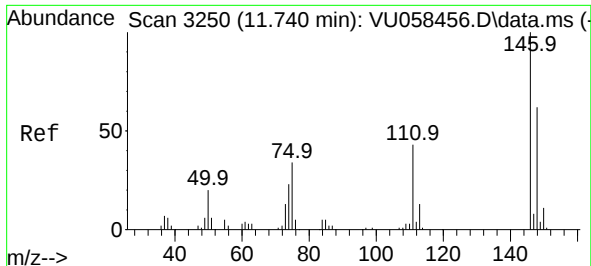
Tgt Ion:105 Resp: 116830

Ion Ratio Lower Upper

105 100

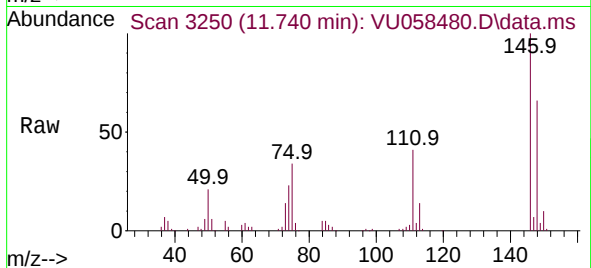
120 43.3 34.7 52.1



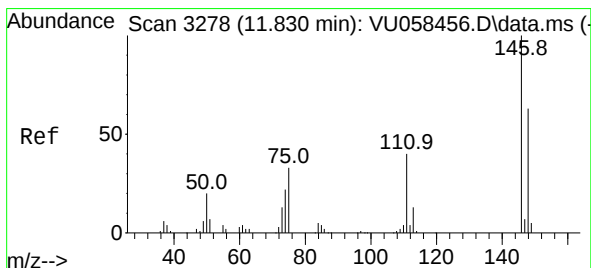
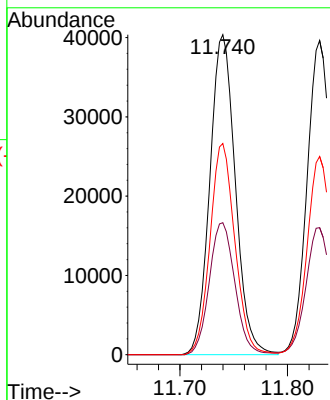
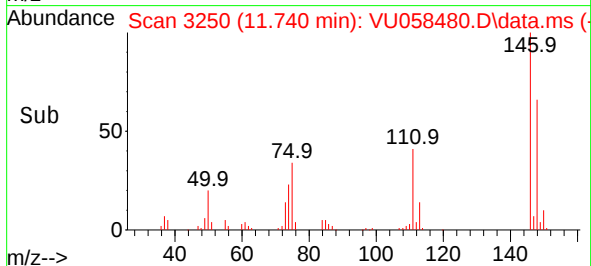


#64
1,3-Dichlorobenzene
Concen: 5.209 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

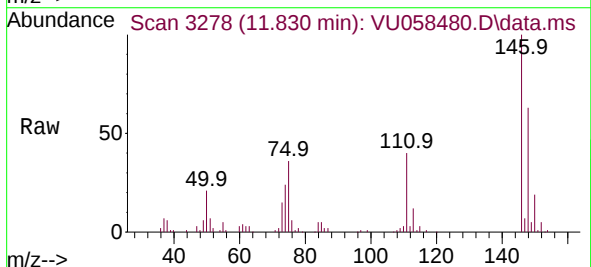
Instrument :
MSVOA_U
ClientSampleId :



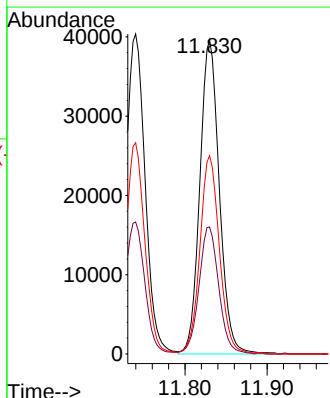
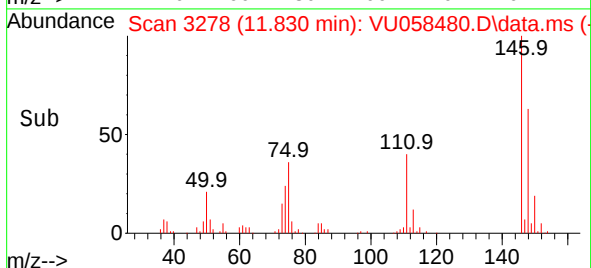
Tgt Ion:146 Resp: 66465
Ion Ratio Lower Upper
146 100
111 41.3 28.8 53.4
148 66.0 44.9 83.3

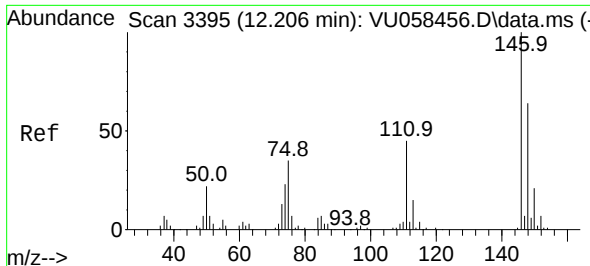


#65
1,4-Dichlorobenzene
Concen: 5.260 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46



Tgt Ion:146 Resp: 65386
Ion Ratio Lower Upper
146 100
111 40.4 28.8 53.6
148 63.1 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.105 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058480.D

Acq: 08 Apr 2024 19:46

Instrument :

MSVOA_U

ClientSampleId :

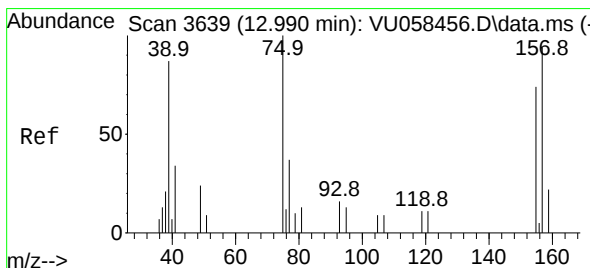
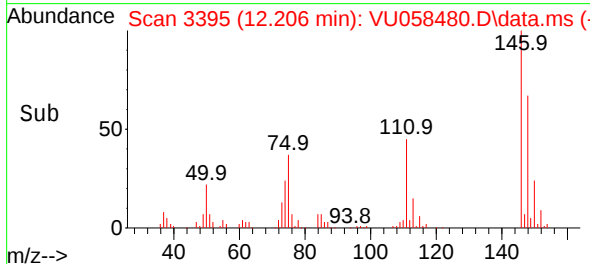
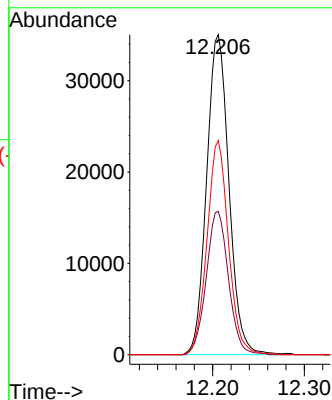
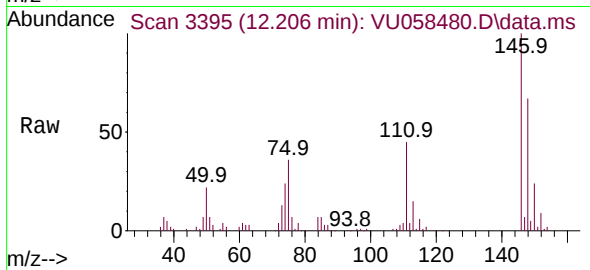
Tgt Ion:146 Resp: 59256

Ion Ratio Lower Upper

146 100

111 44.8 35.0 52.4

148 66.9 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.578 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU058480.D

Acq: 08 Apr 2024 19:46

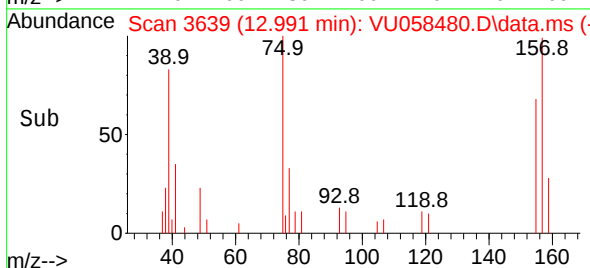
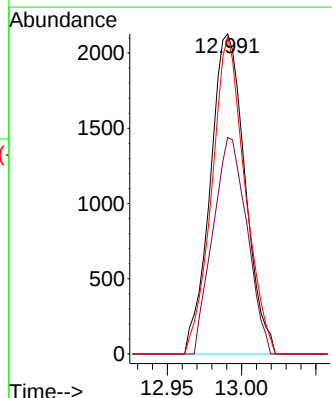
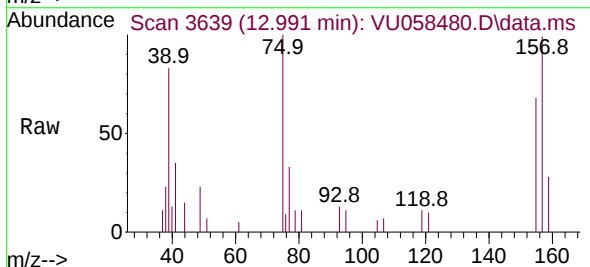
Tgt Ion: 75 Resp: 3463

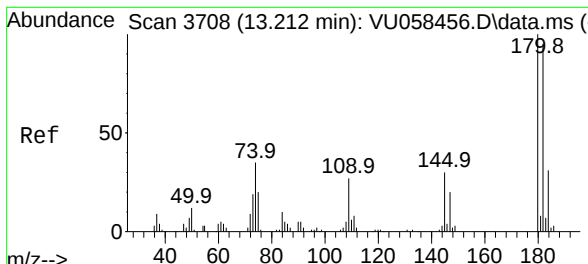
Ion Ratio Lower Upper

75 100

155 67.7 61.4 92.0

157 99.0 81.7 122.5

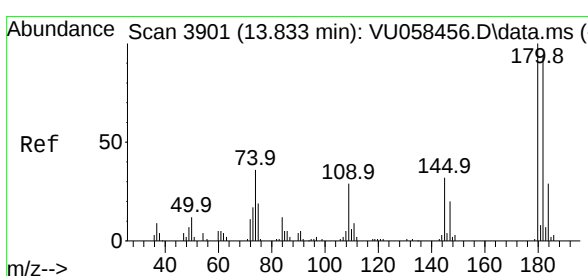
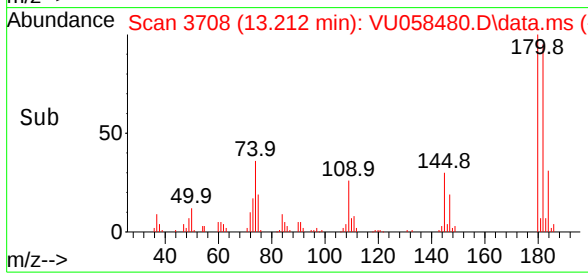
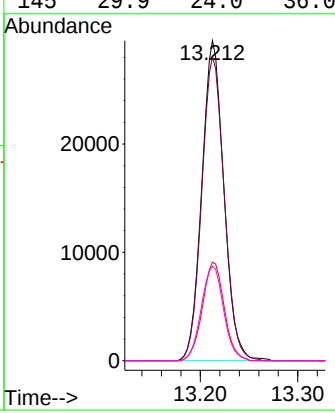
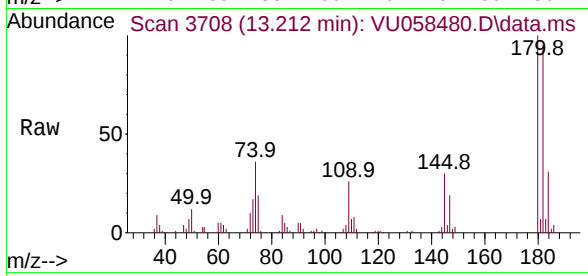




#69
 1,3,5-Trichlorobenzene
 Concen: 4.913 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU058480.D
 Acq: 08 Apr 2024 19:46

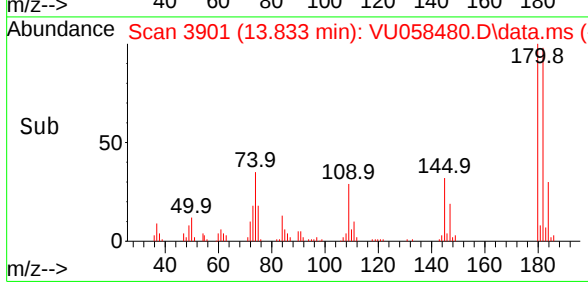
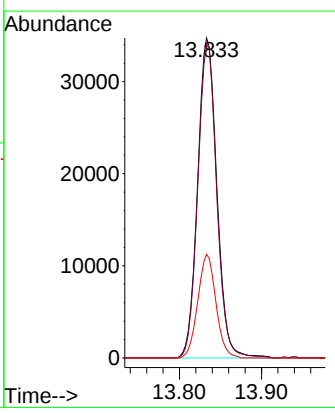
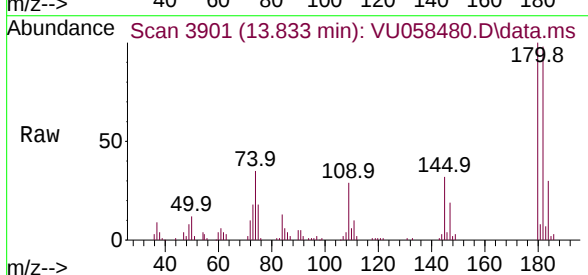
Instrument :
 MSVOA_U
 ClientSampleId :

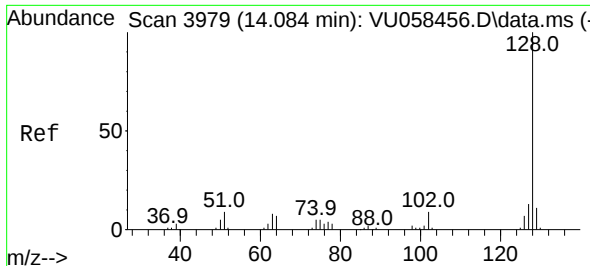
Tgt Ion:	180	Resp:	46359
Ion Ratio	Lower	Upper	
180	100		
182	96.9	75.7	113.5
184	30.5	24.3	36.5
145	29.9	24.0	36.0



#70
 1,2,4-trichlorobenzene
 Concen: 7.787 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU058480.D
 Acq: 08 Apr 2024 19:46

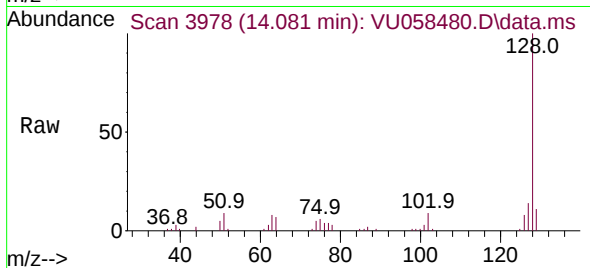
Tgt Ion:	180	Resp:	56653
Ion Ratio	Lower	Upper	
180	100		
182	96.3	74.4	111.6
145	30.5	24.1	36.1



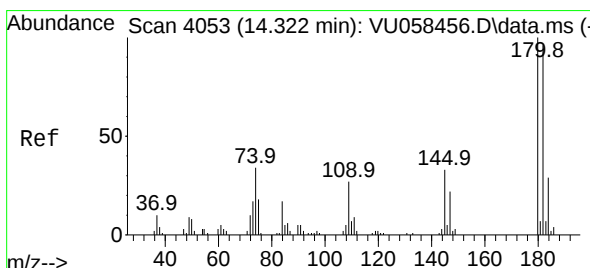
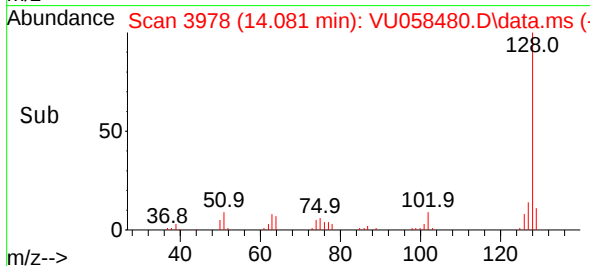
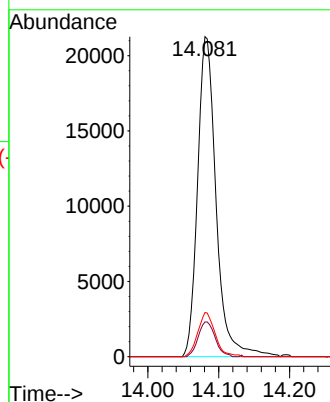


#71
Naphthalene
Concen: 3.867 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 38555
Ion Ratio Lower Upper
128 100
129 9.9 8.6 13.0
127 12.9 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 5.376 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU058480.D
Acq: 08 Apr 2024 19:46

Tgt Ion:180 Resp: 32300
Ion Ratio Lower Upper
180 100
182 94.9 75.9 113.9
145 31.6 25.2 37.8

