

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041624\
 Data File : VU058703.D
 Acq On : 16 Apr 2024 09:35
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 17 01:04:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:38:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	76736	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	72818	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35843	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18491	3.640	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.904	69	20972	4.750	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.560	65	8266	3.595	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	4.618	46	64734	60.463	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.920%
24) Chloroform-d	5.052	84	49707	4.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.695	65	25016	5.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.721	84	86898	4.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.682	67	29819	4.850	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.891	98	69392	3.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	8.177	79	8597	4.505	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.627	63	45545	57.861	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.720%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	22117	5.096	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	23892	3.958	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.200%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.377	85	24621	3.849	ug/L	99
3) Chloromethane	1.515	50	30310	3.872	ug/L	99
5) Vinyl chloride	1.599	62	32257	4.126	ug/L	100
6) Bromomethane	1.849	94	15551	4.205	ug/L	97
8) Chloroethane	1.927	64	21923	4.439	ug/L	98
9) Trichlorofluoromethane	2.132	101	43739	4.237	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	27543	4.490	ug/L	96
12) 1,1-Dichloroethene	2.573	96	22427	4.124	ug/L	94
13) Acetone	2.628	43	41556	45.476	ug/L	99
14) Carbon disulfide	2.785	76	63777	3.692	ug/L	100
15) Methyl Acetate	2.946	43	9887	4.586	ug/L	93
16) Methylene chloride	3.036	84	27785	3.850	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	55407	4.313	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	23874	4.189	ug/L	96
19) 1,1-Dichloroethane	3.859	63	58413	4.695	ug/L	97
21) 2-Butanone	4.698	43	62404	45.689	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	28688	4.482	ug/L	94
23) Bromochloromethane	4.965	128	11418	4.528	ug/L	92
25) Chloroform	5.078	83	57642	4.787	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041624\
 Data File : VU058703.D
 Acq On : 16 Apr 2024 09:35
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

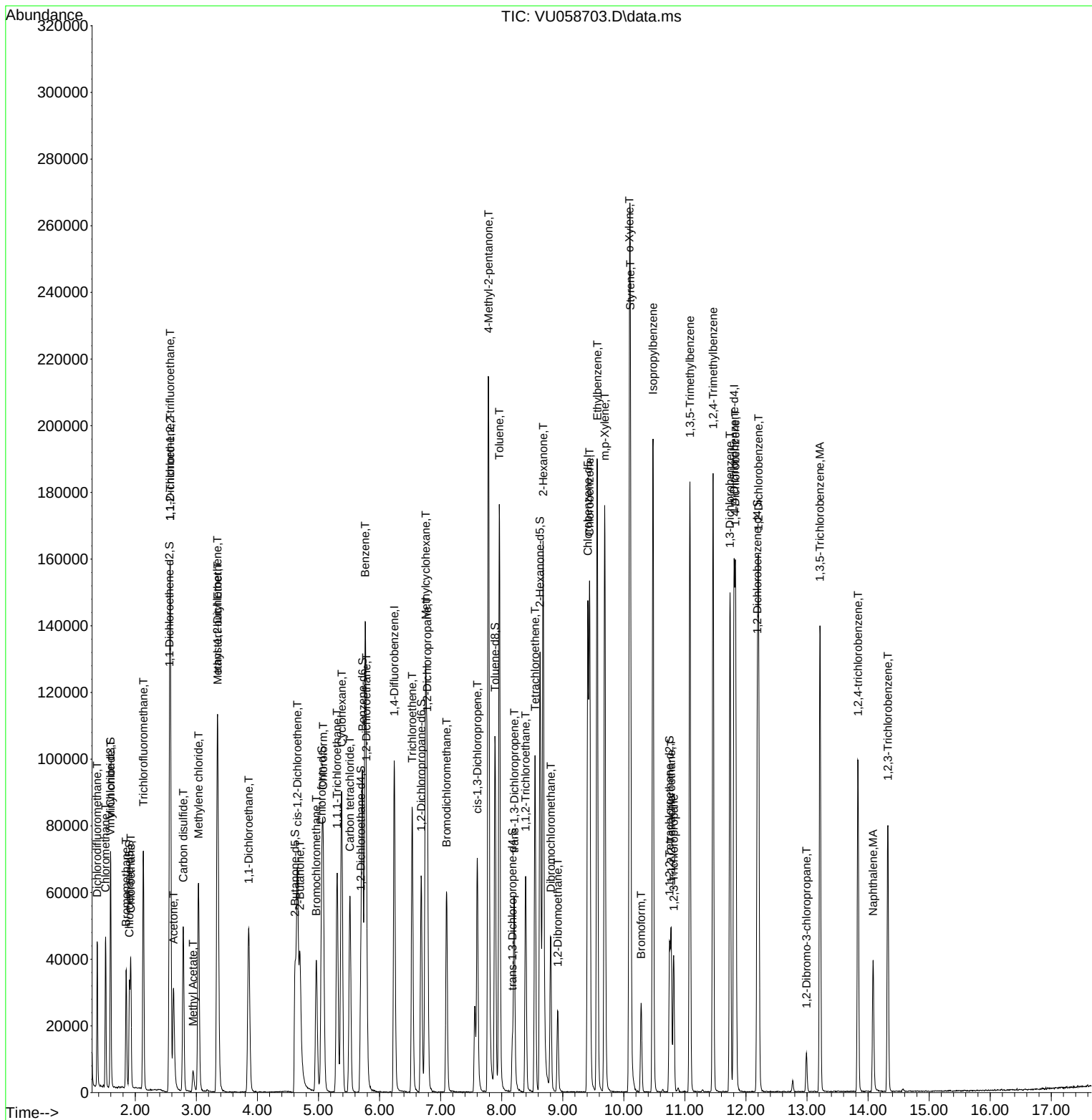
Instrument :
 MSVOA_U
 ClientSampleId :

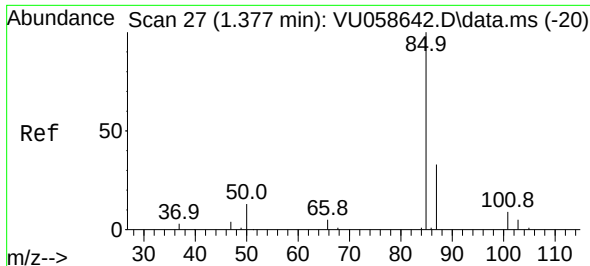
Quant Time: Apr 17 01:04:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:38:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	34215	4.666	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	45781	4.689	ug/L	97
30) Cyclohexane	5.380	56	42507	4.123	ug/L	98
31) Carbon tetrachloride	5.515	117	38734	4.685	ug/L	99
33) Benzene	5.766	78	118948	4.506	ug/L	100
34) Trichloroethene	6.534	95	29061	4.368	ug/L	97
35) Methylcyclohexane	6.756	83	41032	4.093	ug/L	97
37) 1,2-Dichloropropane	6.782	63	34449	4.960	ug/L	100
38) Bromodichloromethane	7.097	83	39466	4.979	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	40486	4.585	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	157965	48.324	ug/L	98
42) Toluene	7.962	91	124631	4.501	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	33239	4.773	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	19710	4.859	ug/L	98
47) Tetrachloroethene	8.547	164	20624	4.228	ug/L	97
48) 2-Hexanone	8.679	43	115410	49.732	ug/L	98
49) Dibromochloromethane	8.804	129	22018	4.695	ug/L	97
50) 1,2-Dibromoethane	8.920	107	16217	4.372	ug/L	98
51) Chlorobenzene	9.441	112	74611	4.454	ug/L	99
52) Ethylbenzene	9.566	91	131701	4.490	ug/L	100
53) m,p-Xylene	9.688	106	47663	4.538	ug/L	99
54) o-Xylene	10.094	106	46970	4.561	ug/L	99
55) Styrene	10.110	104	76187	4.599	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	23352	4.667	ug/L	98
59) Bromoform	10.283	173	11429	4.773	ug/L	100
60) Isopropylbenzene	10.479	105	120047	4.575	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	16562	4.529	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	94033	4.394	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	96602	4.421	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	57106	4.480	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	55577	4.475	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	50990	4.398	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	3137	5.058	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	39801	4.223	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	28232	3.884	ug/L	98
71) Naphthalene	14.084	128	32561	3.269	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	23372	3.894	ug/L	98

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

Quant Time: Apr 17 01:04:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 16 00:38:11 2024
Response via : Initial Calibration

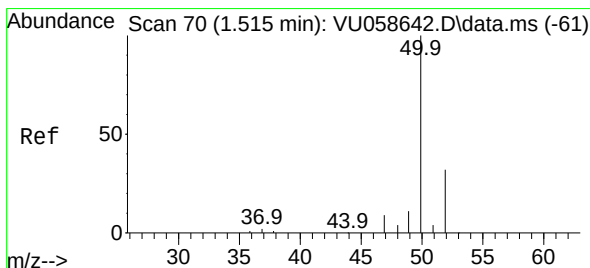
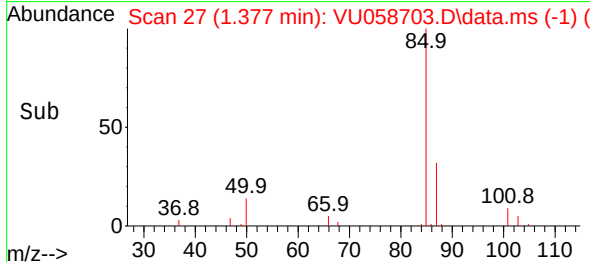
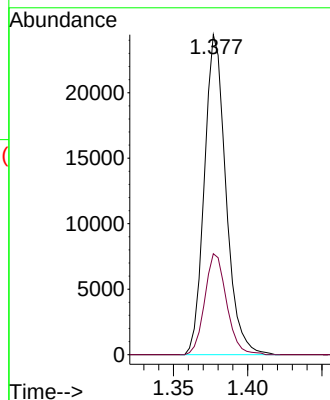
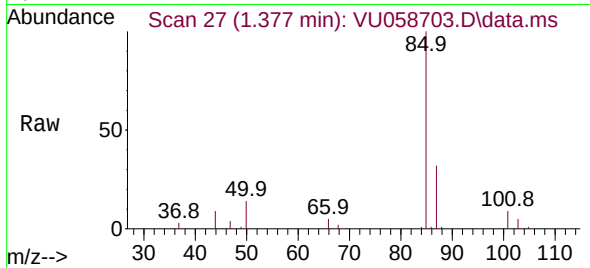




#2
 Dichlorodifluoromethane
 Concen: 3.849 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU058703.D
 Acq: 16 Apr 2024 09:35

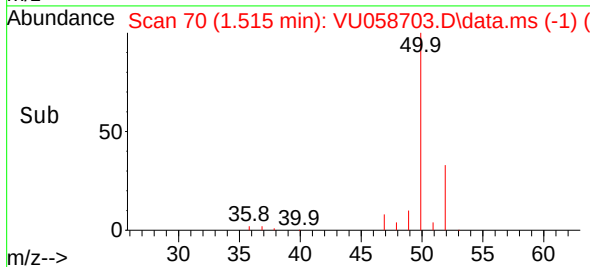
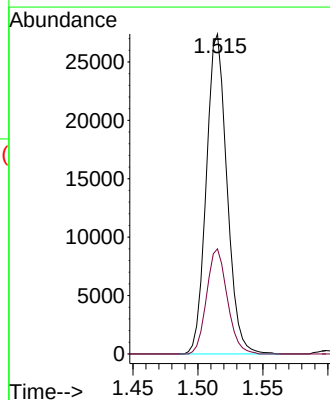
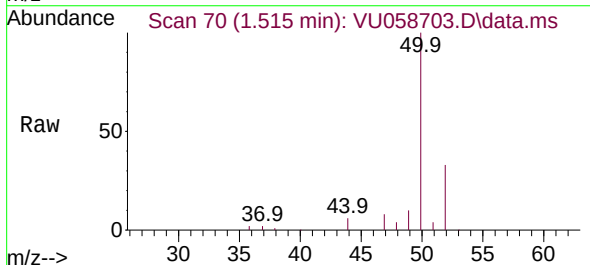
Instrument :
 MSVOA_U
 ClientSampleId :

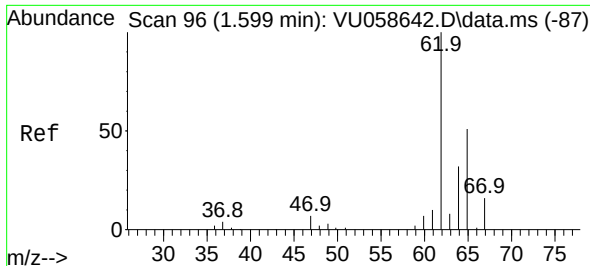
Tgt Ion: 85 Resp: 24621
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.9 38.9



#3
 Chloromethane
 Concen: 3.872 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU058703.D
 Acq: 16 Apr 2024 09:35

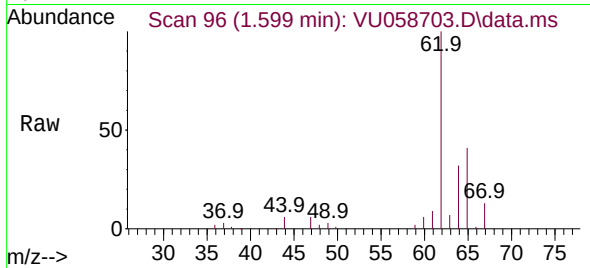
Tgt Ion: 50 Resp: 30310
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.6 42.0



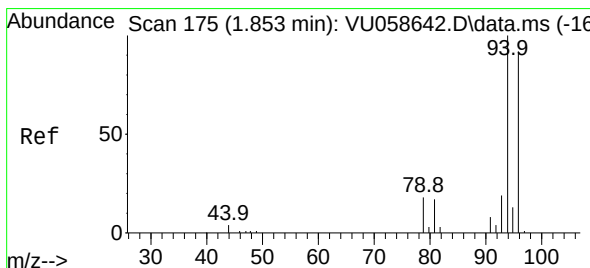
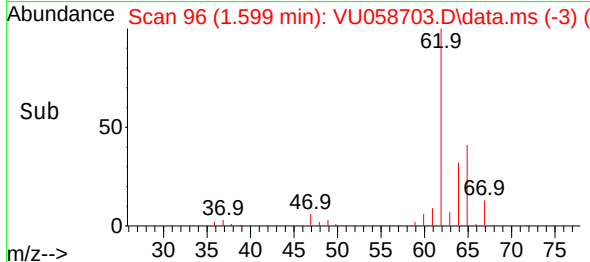
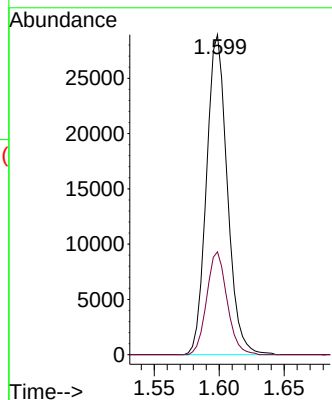


#5
 Vinyl chloride
 Concen: 4.126 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU058703.D
 Acq: 16 Apr 2024 09:35

Instrument :
 MSVOA_U
 ClientSampleId :

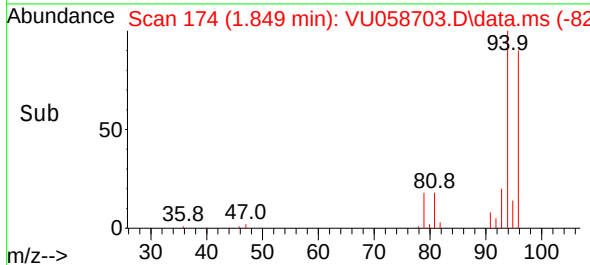
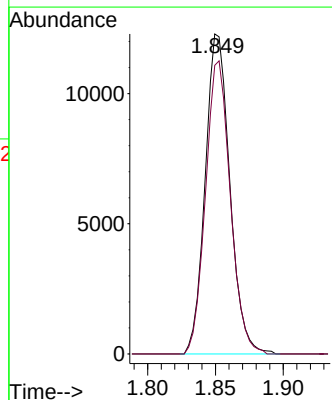
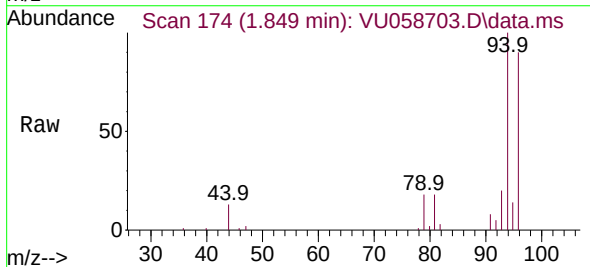


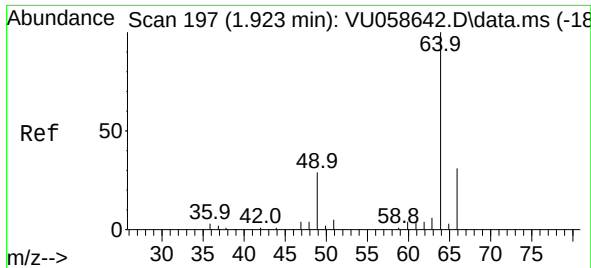
Tgt Ion: 62 Resp: 32257
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.6 42.0



#6
 Bromomethane
 Concen: 4.205 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. -0.003 min
 Lab File: VU058703.D
 Acq: 16 Apr 2024 09:35

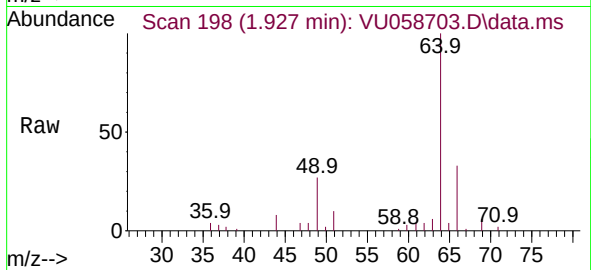
Tgt Ion: 94 Resp: 15551
 Ion Ratio Lower Upper
 94 100
 96 90.2 65.4 121.4



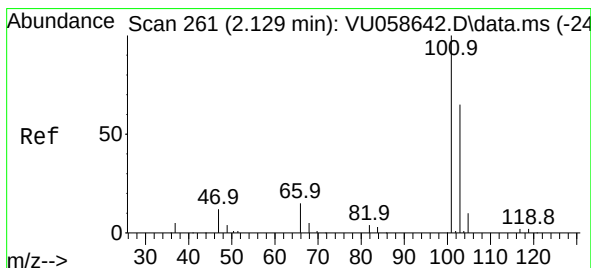
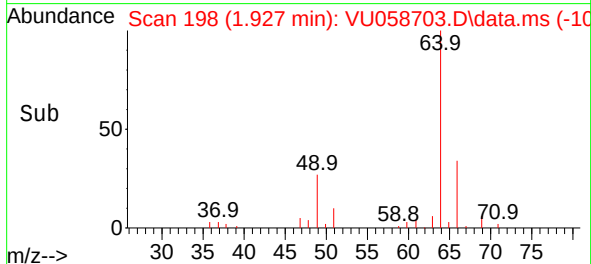
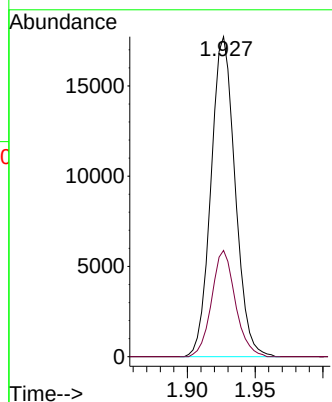


#8
Chloroethane
Concen: 4.439 ug/L
RT: 1.927 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

Instrument :
MSVOA_U
ClientSampleId :

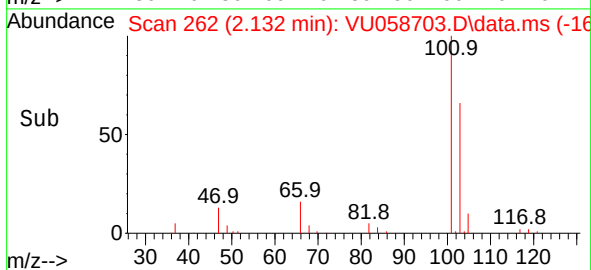
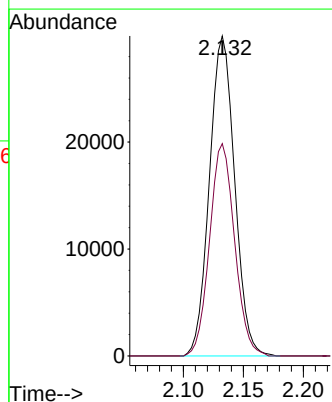
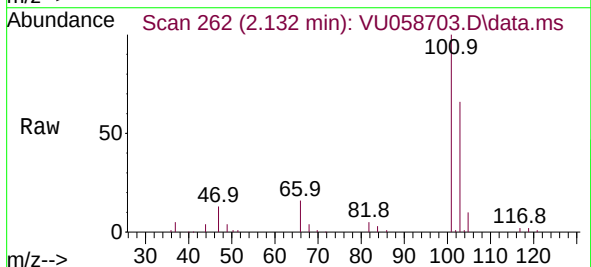


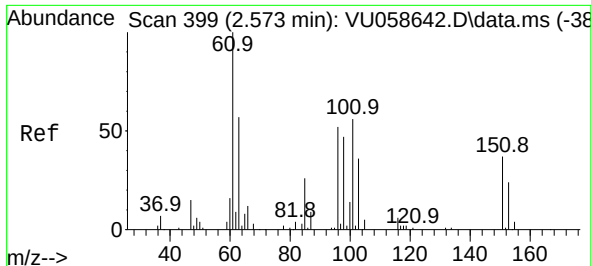
Tgt Ion: 64 Resp: 21923
Ion Ratio Lower Upper
64 100
66 33.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.237 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

Tgt Ion:101 Resp: 43739
Ion Ratio Lower Upper
101 100
103 65.8 51.2 76.8





#10

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

Concen: 4.490 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU058703.D

Acq: 16 Apr 2024 09:35

Instrument :

MSVOA_U

ClientSampleId :

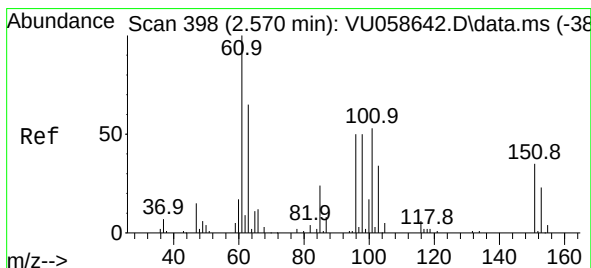
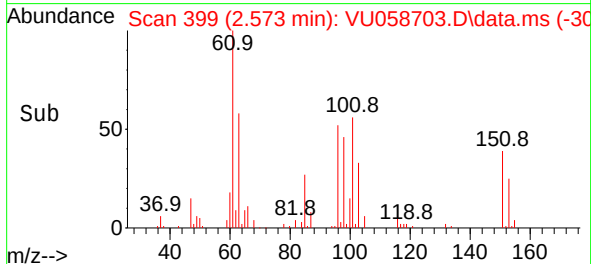
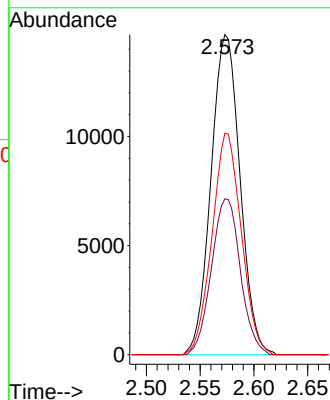
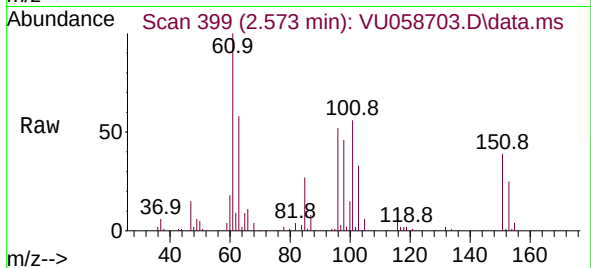
Tgt Ion:101 Resp: 27543

Ion Ratio Lower Upper

101 100

85 48.6 36.8 55.2

151 69.7 58.2 87.4



#12

1,1-Dichloroethene

Concen: 4.124 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.003 min

Lab File: VU058703.D

Acq: 16 Apr 2024 09:35

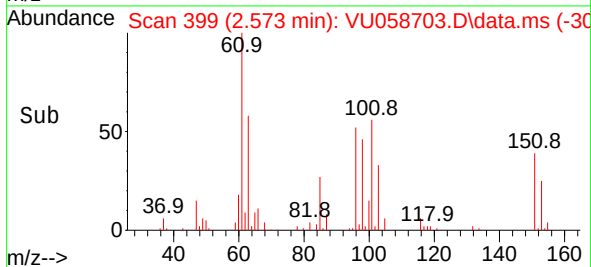
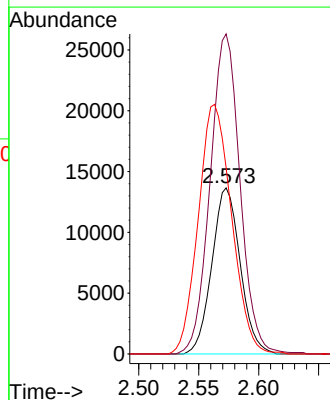
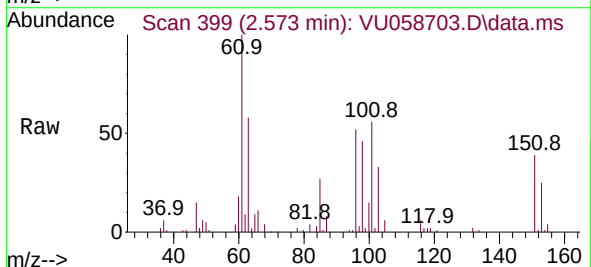
Tgt Ion: 96 Resp: 22427

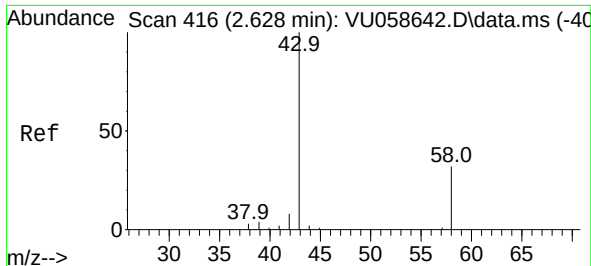
Ion Ratio Lower Upper

96 100

61 192.7 132.5 246.1

63 112.1 87.7 162.9





#13

Acetone

Concen: 45.476 ug/L

RT: 2.628 min Scan# 416

Delta R.T. 0.000 min

Lab File: VU058703.D

Acq: 16 Apr 2024 09:35

Instrument :

MSVOA_U

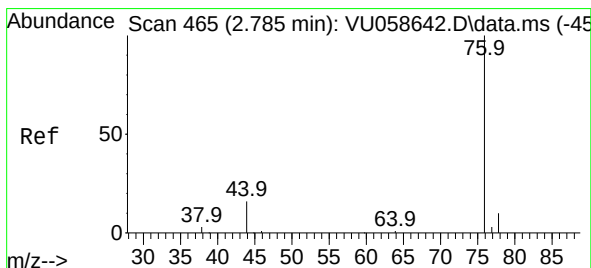
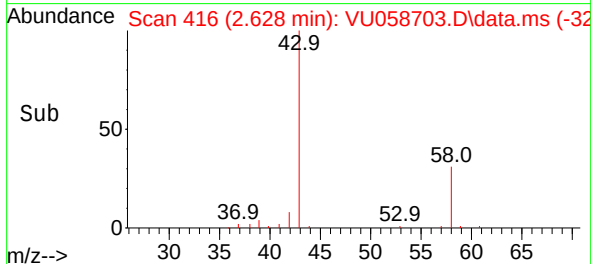
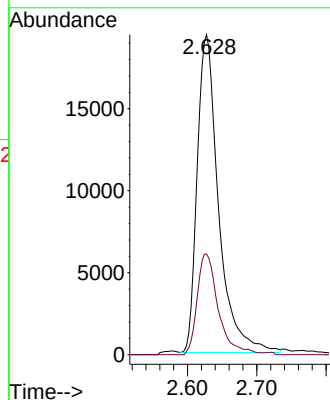
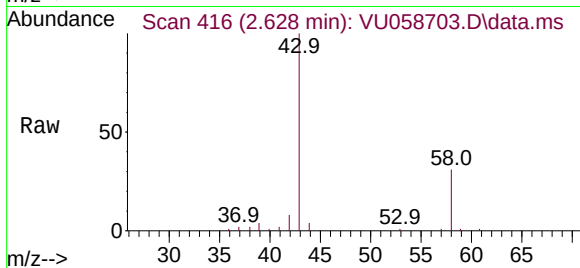
ClientSampleId :

Tgt Ion: 43 Resp: 41556

Ion Ratio Lower Upper

43 100

58 31.3 0.0 61.4



#14

Carbon disulfide

Concen: 3.692 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU058703.D

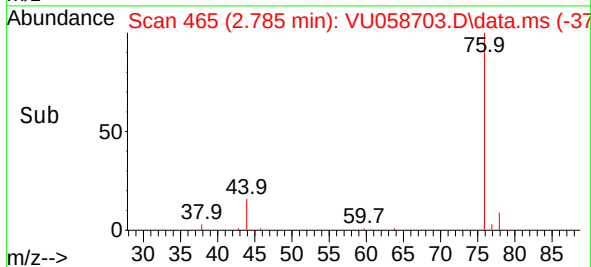
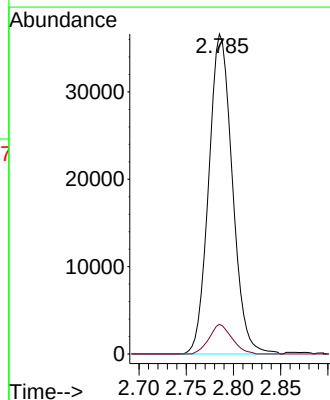
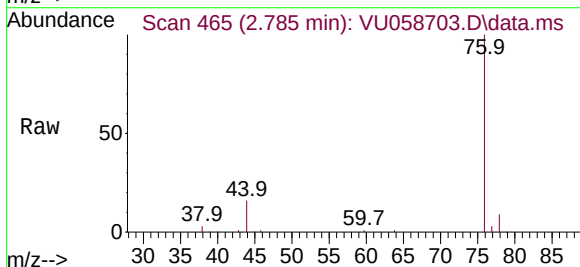
Acq: 16 Apr 2024 09:35

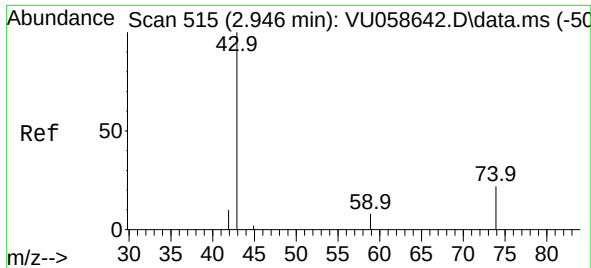
Tgt Ion: 76 Resp: 63777

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

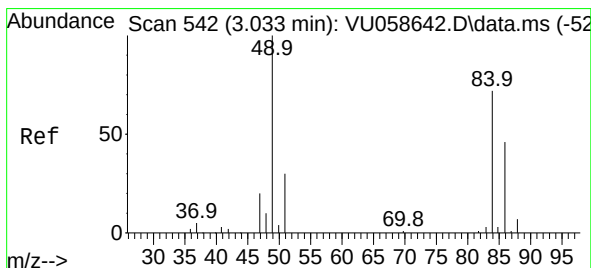
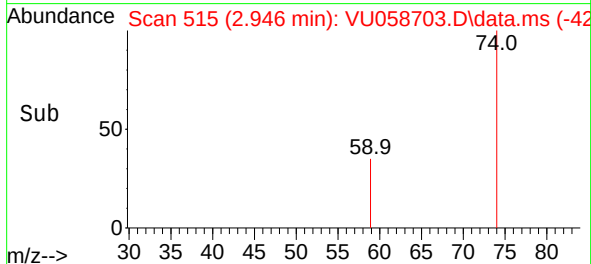
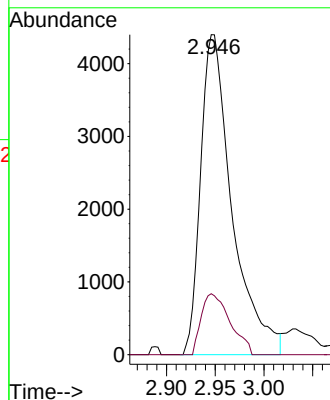
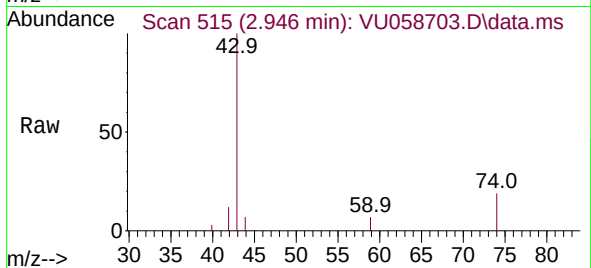




#15
Methyl Acetate
Concen: 4.586 ug/L
RT: 2.946 min Scan# 515
Delta R.T. 0.000 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

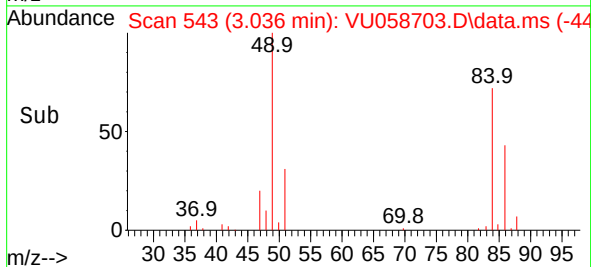
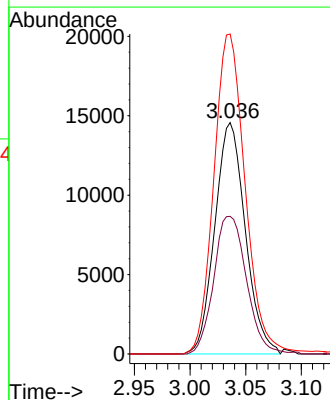
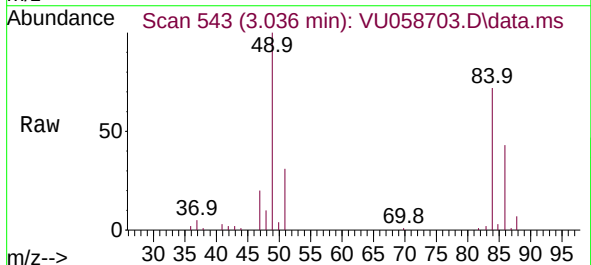
Instrument :
MSVOA_U
ClientSampleId :

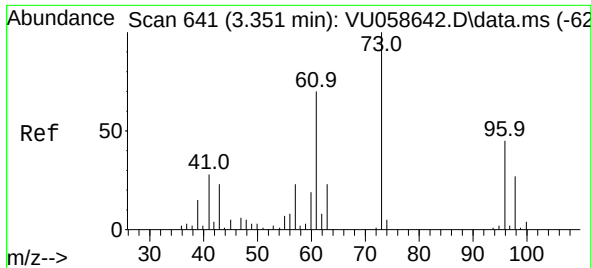
Tgt Ion: 43 Resp: 9887
Ion Ratio Lower Upper
43 100
74 17.4 16.6 25.0



#16
Methylene chloride
Concen: 3.850 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

Tgt Ion: 84 Resp: 27785
Ion Ratio Lower Upper
84 100
86 59.5 44.3 82.3
49 138.3 96.0 178.2

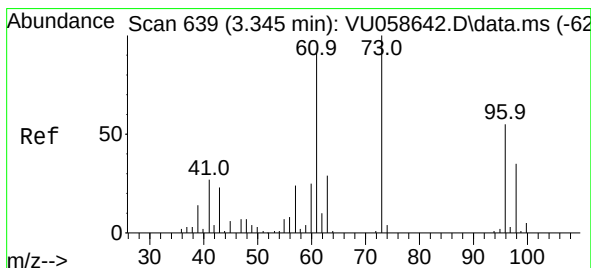
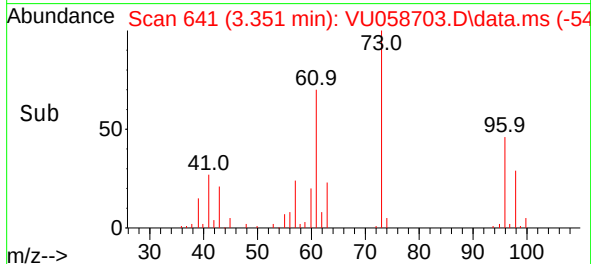
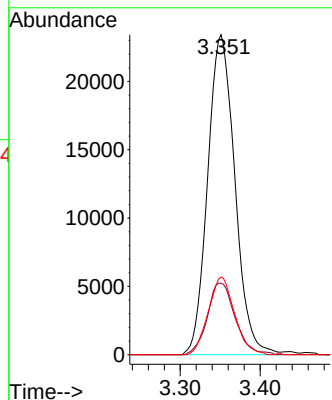
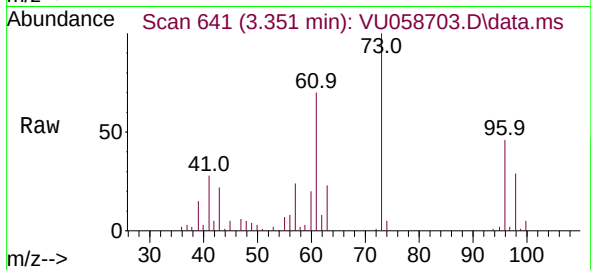




#17
Methyl tert-butyl Ether
Concen: 4.313 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

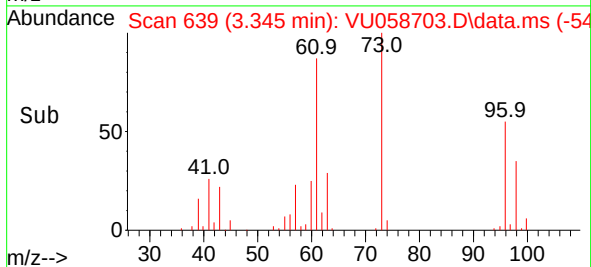
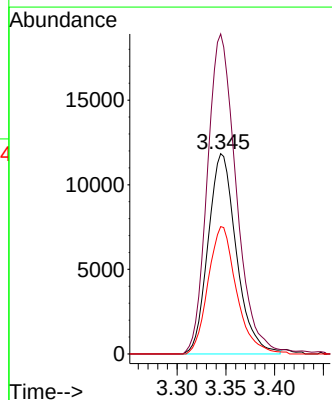
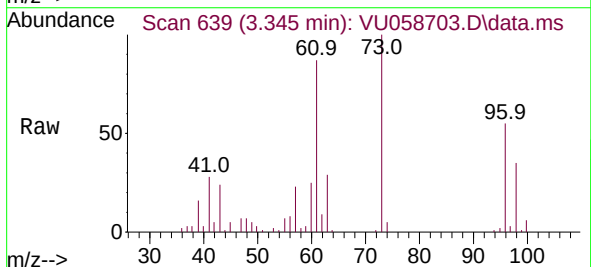
Instrument :
MSVOA_U
ClientSampleId :

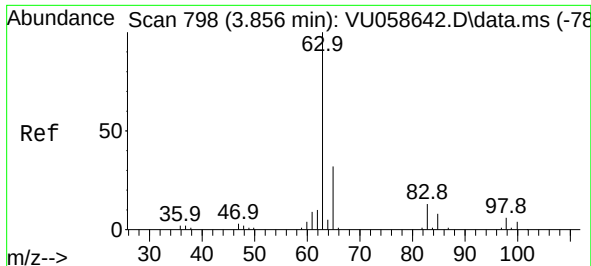
Tgt Ion: 73 Resp: 55407
Ion Ratio Lower Upper
73 100
43 22.9 17.4 26.2
57 23.4 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 4.189 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

Tgt Ion: 96 Resp: 23874
Ion Ratio Lower Upper
96 100
61 159.7 107.6 199.8
98 63.5 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.695 ug/L

RT: 3.859 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU058703.D

Acq: 16 Apr 2024 09:35

Instrument :

MSVOA_U

ClientSampleId :

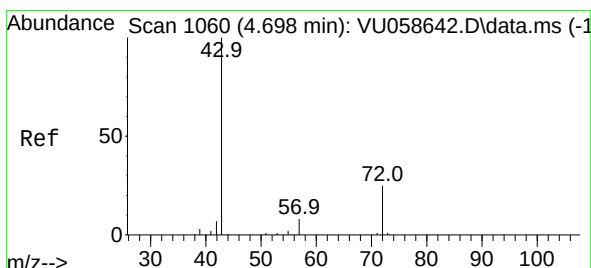
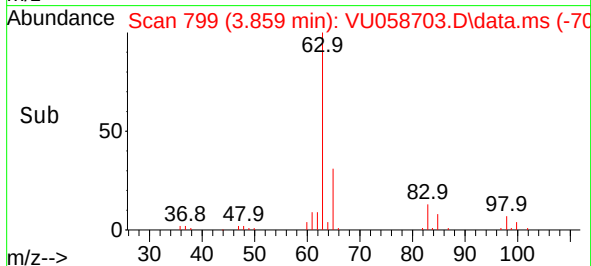
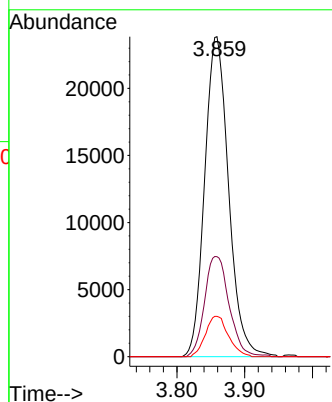
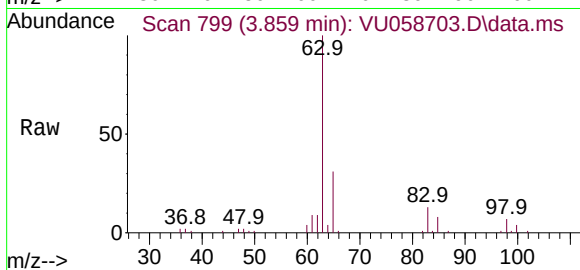
Tgt Ion: 63 Resp: 58413

Ion Ratio Lower Upper

63 100

65 31.2 22.9 42.5

83 12.6 9.6 17.8



#21

2-Butanone

Concen: 45.689 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VU058703.D

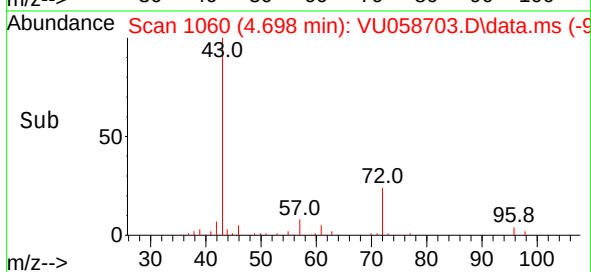
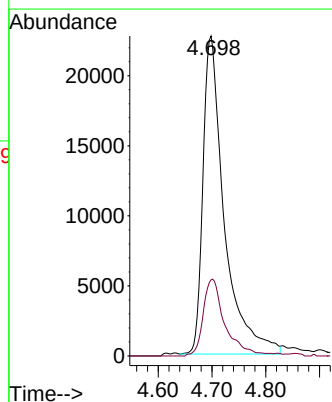
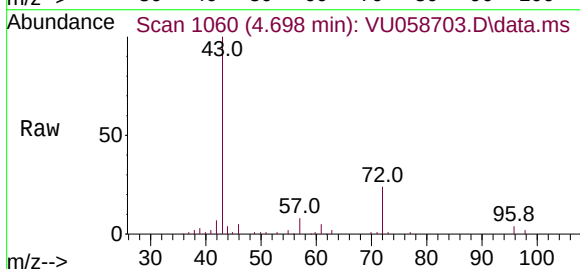
Acq: 16 Apr 2024 09:35

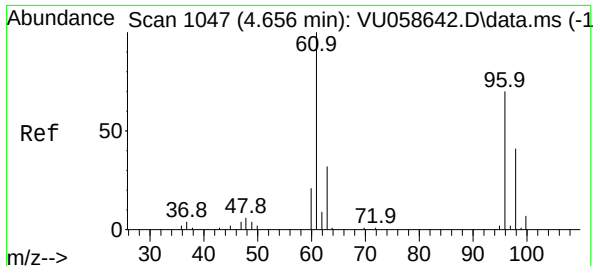
Tgt Ion: 43 Resp: 62404

Ion Ratio Lower Upper

43 100

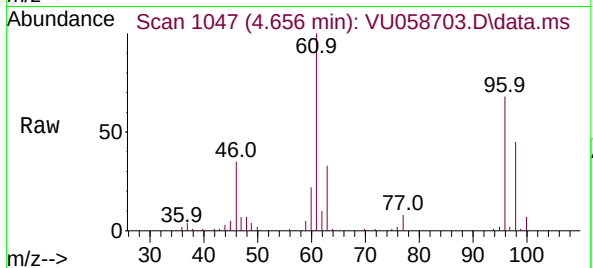
72 24.8 11.7 35.0



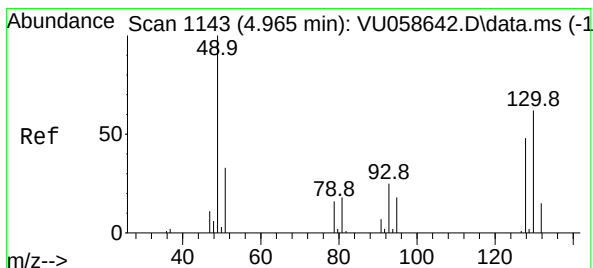
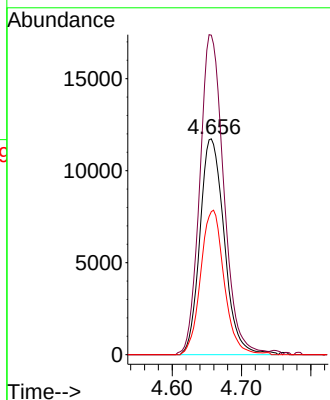
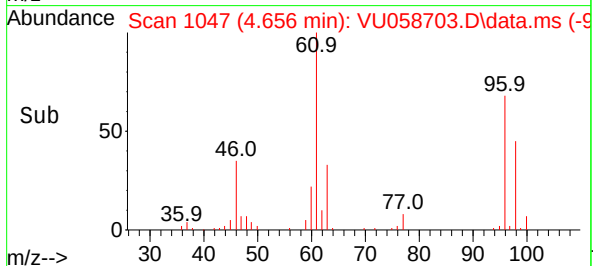


#22
 cis-1,2-Dichloroethene
 Concen: 4.482 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU058703.D
 Acq: 16 Apr 2024 09:35

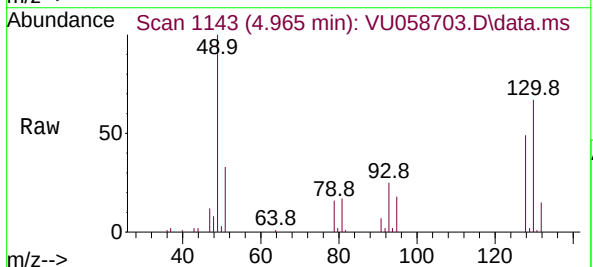
Instrument :
 MSVOA_U
 ClientSampleId :



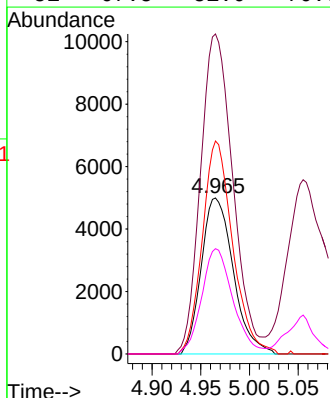
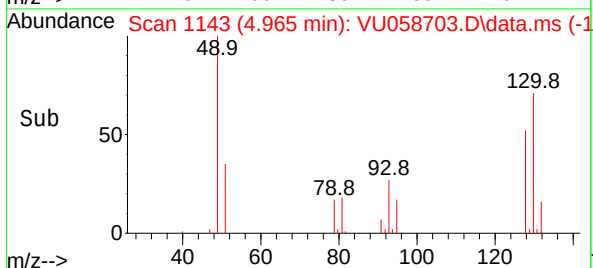
Tgt Ion:	96	Resp:	28688
Ion	Ratio	Lower	Upper
96	100		
61	148.0	98.1	182.3
98	66.2	43.6	81.0

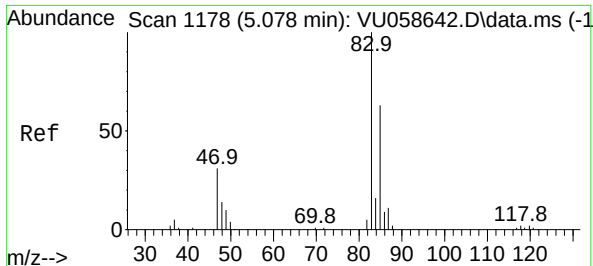


#23
 Bromochloromethane
 Concen: 4.528 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU058703.D
 Acq: 16 Apr 2024 09:35



Tgt Ion:	128	Resp:	11418
Ion	Ratio	Lower	Upper
128	100		
49	205.1	134.4	249.6
130	136.5	90.0	167.2
51	67.5	51.0	76.6





#25

Chloroform

Concen: 4.787 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU058703.D

Acq: 16 Apr 2024 09:35

Instrument :

MSVOA_U

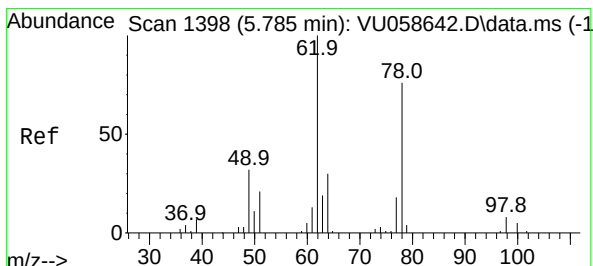
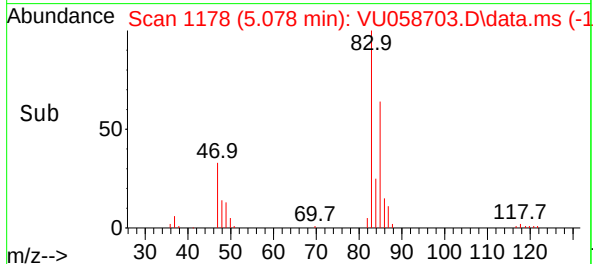
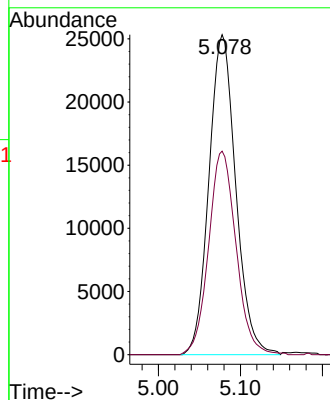
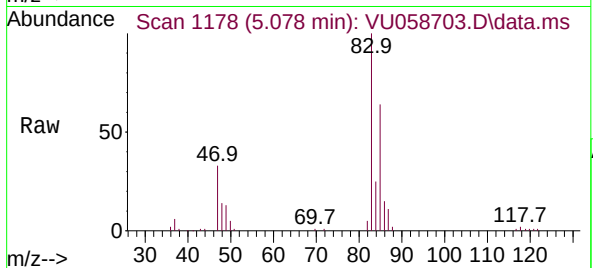
ClientSampleId :

Tgt Ion: 83 Resp: 57642

Ion Ratio Lower Upper

83 100

85 63.6 44.7 83.1



#27

1,2-Dichloroethane

Concen: 4.666 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU058703.D

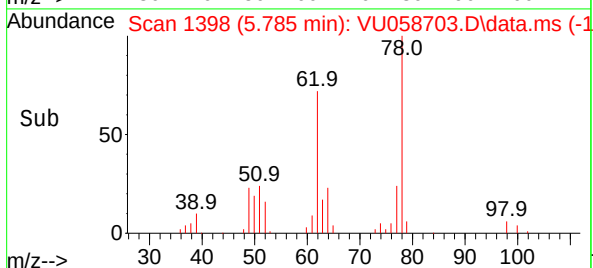
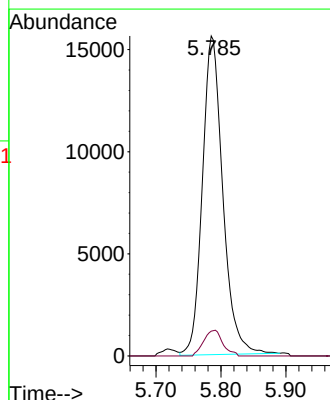
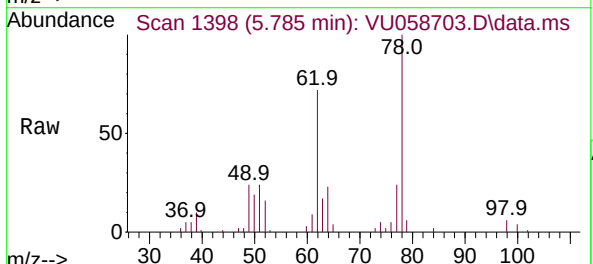
Acq: 16 Apr 2024 09:35

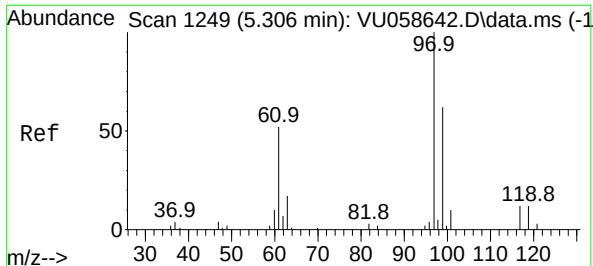
Tgt Ion: 62 Resp: 34215

Ion Ratio Lower Upper

62 100

98 7.7 7.0 10.4

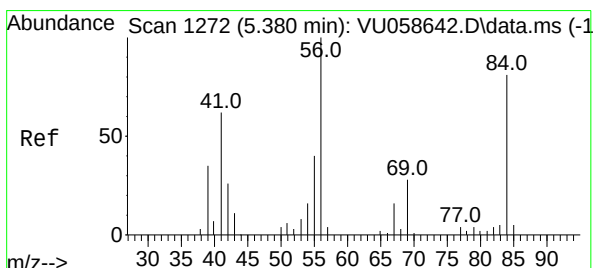
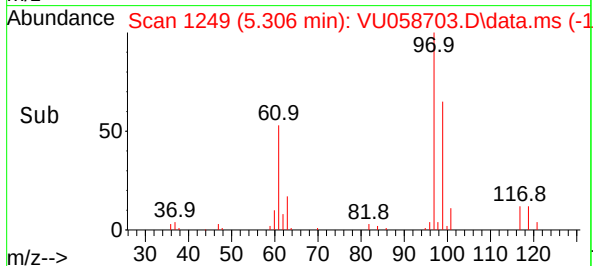
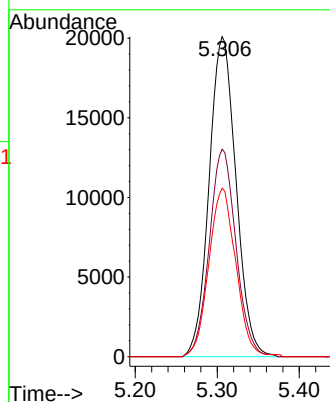
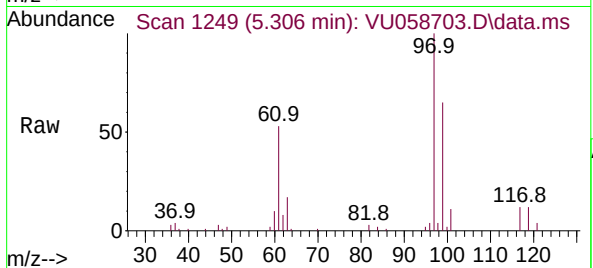




#29
1,1,1-Trichloroethane
Concen: 4.689 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

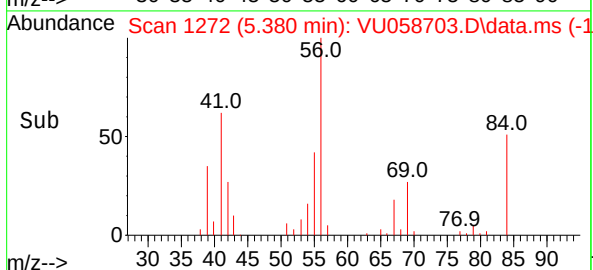
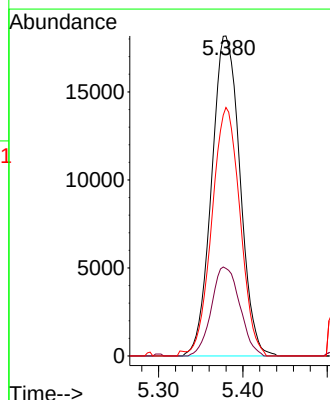
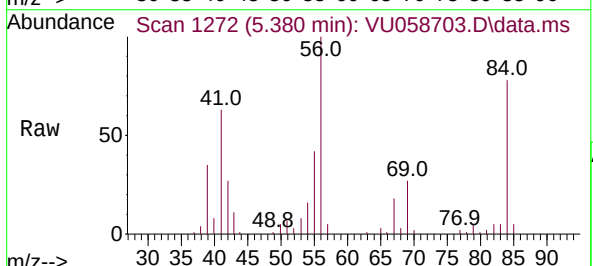
Instrument :
MSVOA_U
ClientSampleId :

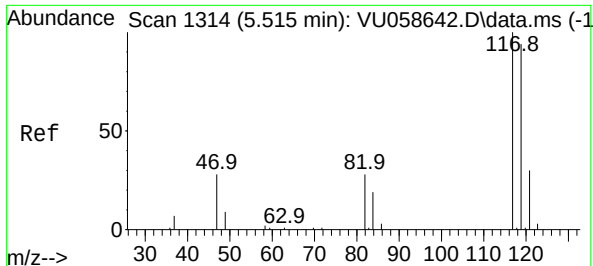
Tgt Ion:	97	Resp:	45781
Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.4	75.6
61	52.7	39.4	59.0



#30
Cyclohexane
Concen: 4.123 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

Tgt Ion:	56	Resp:	42507
Ion	Ratio	Lower	Upper
56	100		
69	27.8	23.2	34.8
84	77.3	63.3	94.9

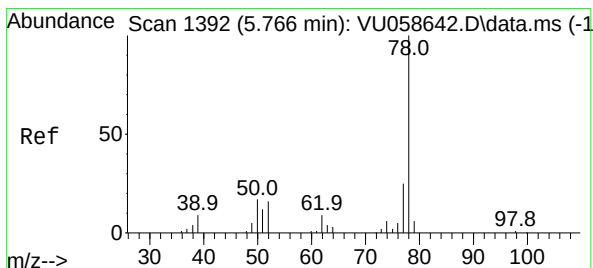
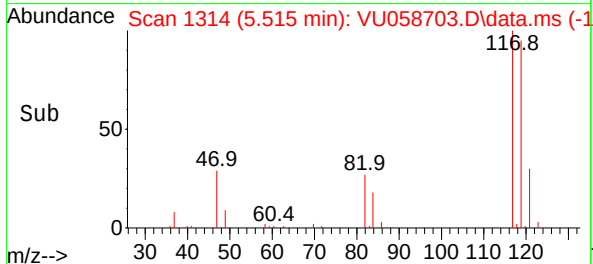
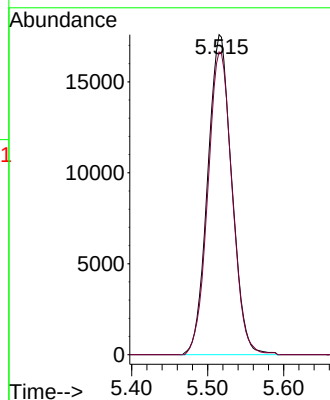
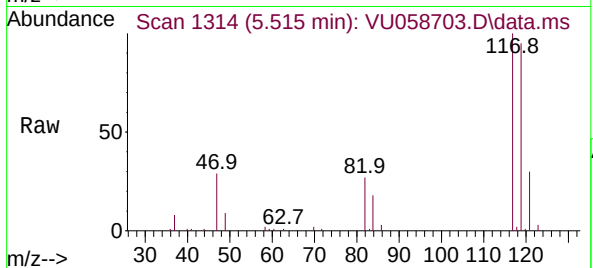




#31
Carbon tetrachloride
Concen: 4.685 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

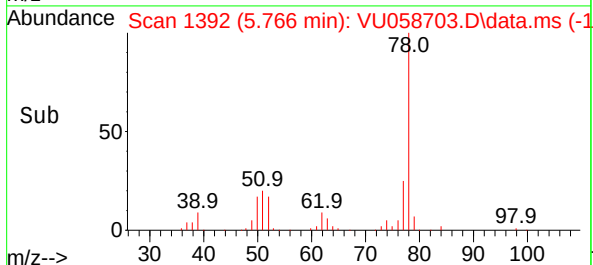
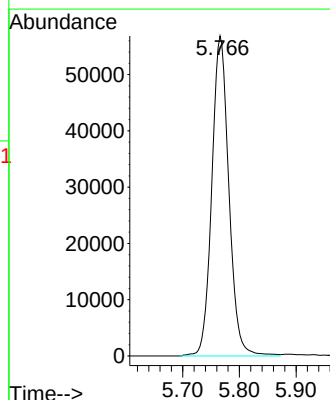
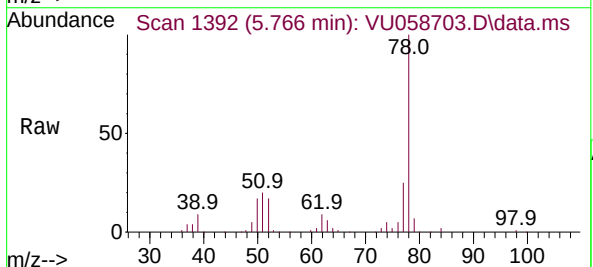
Instrument :
MSVOA_U
ClientSampleId :

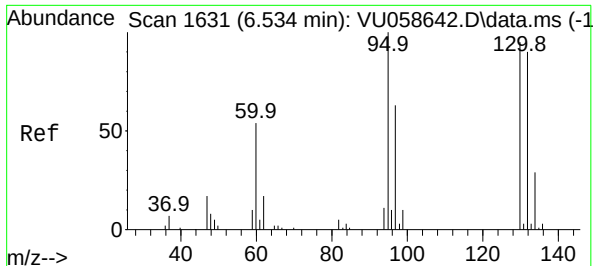
Tgt Ion:117 Resp: 38734
Ion Ratio Lower Upper
117 100
119 95.3 76.7 115.1



#33
Benzene
Concen: 4.506 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

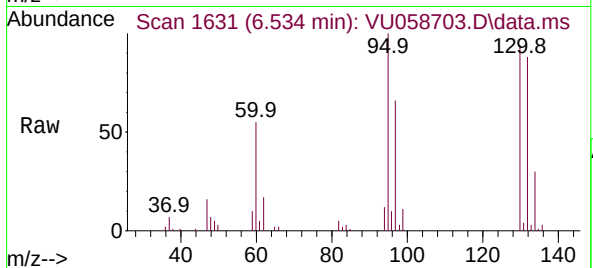
Tgt Ion: 78 Resp: 118948



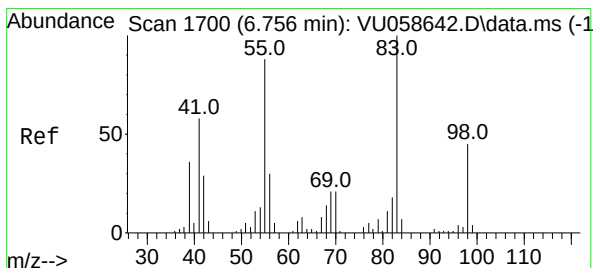
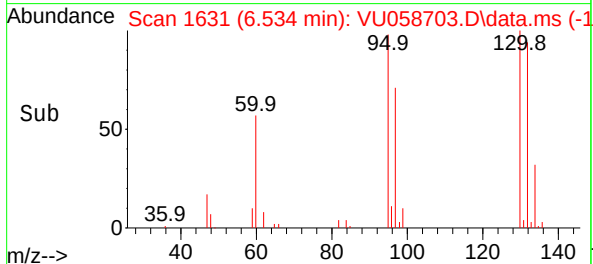
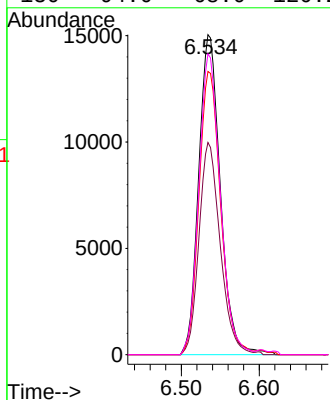


#34
Trichloroethene
Concen: 4.368 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

Instrument :
MSVOA_U
ClientSampleId :

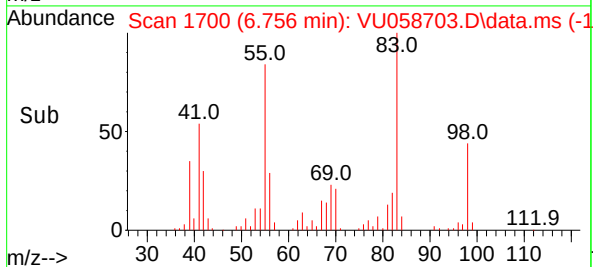
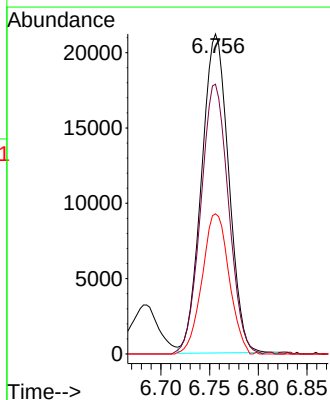
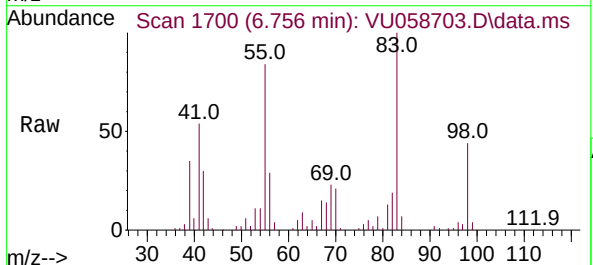


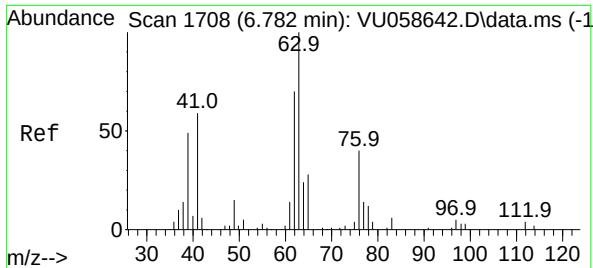
Tgt Ion:	95	Resp:	29061
Ion Ratio	100	Lower	Upper
95	100		
97	66.3	45.6	84.6
132	88.5	64.8	120.3
130	94.0	68.0	126.2



#35
Methylcyclohexane
Concen: 4.093 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

Tgt Ion:	83	Resp:	41032
Ion Ratio	100	Lower	Upper
83	100		
55	86.4	66.2	99.4
98	43.6	34.6	52.0

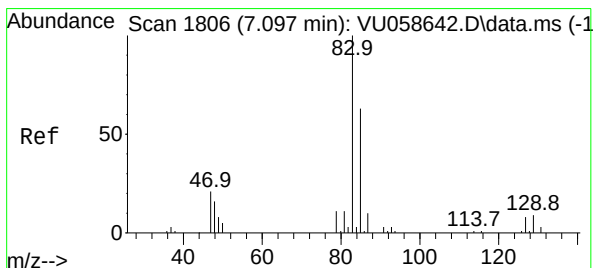
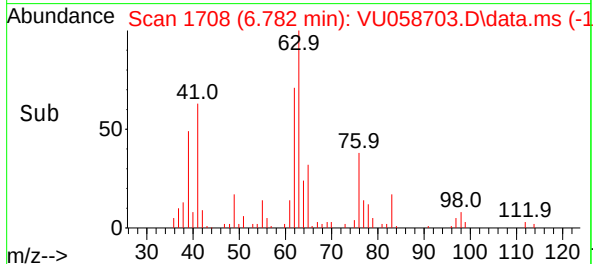
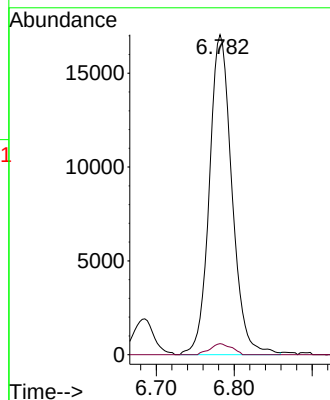
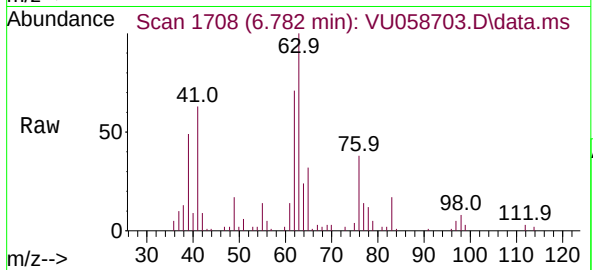




#37
1,2-Dichloropropane
Concen: 4.960 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

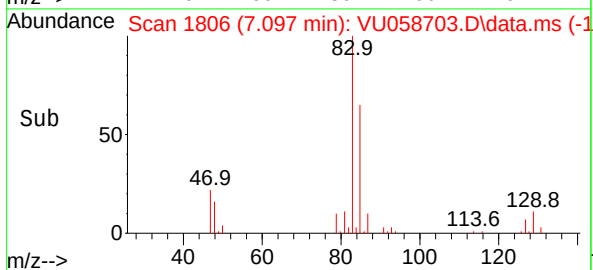
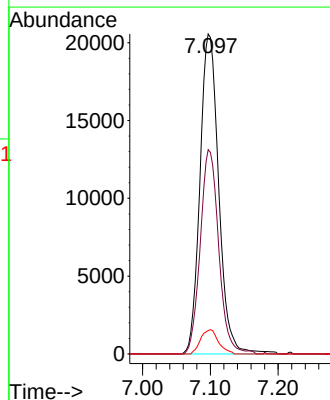
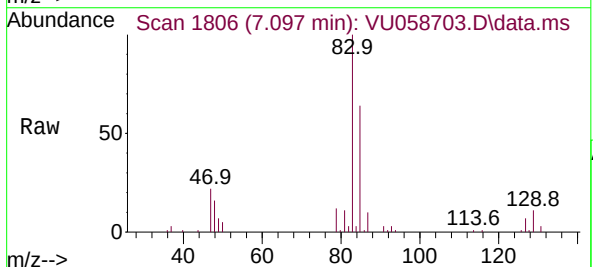
Instrument :
MSVOA_U
ClientSampleId :

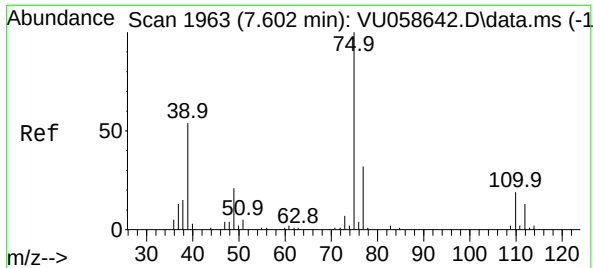
Tgt Ion: 63 Resp: 34449
Ion Ratio Lower Upper
63 100
112 3.3 2.6 4.0



#38
Bromodichloromethane
Concen: 4.979 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

Tgt Ion: 83 Resp: 39466
Ion Ratio Lower Upper
83 100
85 63.8 44.2 82.2
127 7.3 6.5 9.7

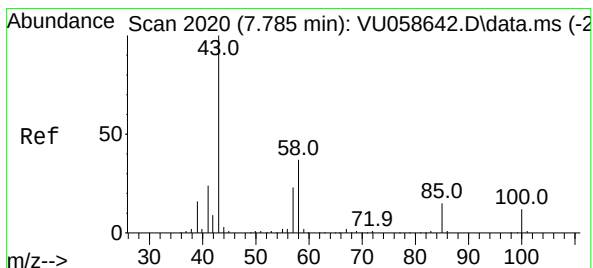
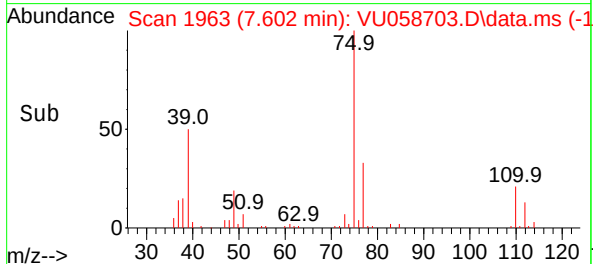
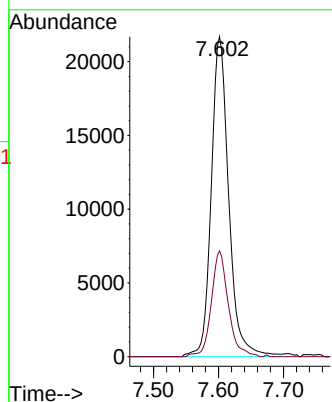
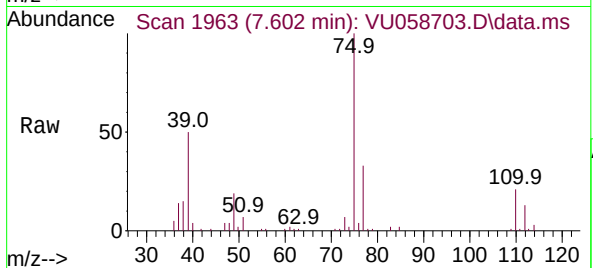




#39
 cis-1,3-Dichloropropene
 Concen: 4.585 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU058703.D
 Acq: 16 Apr 2024 09:35

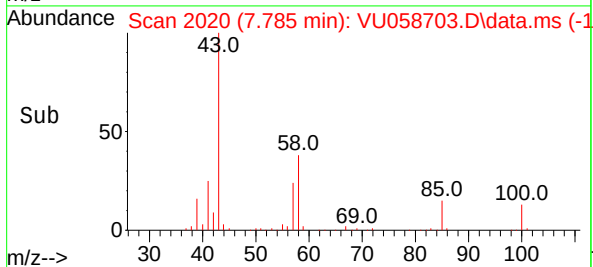
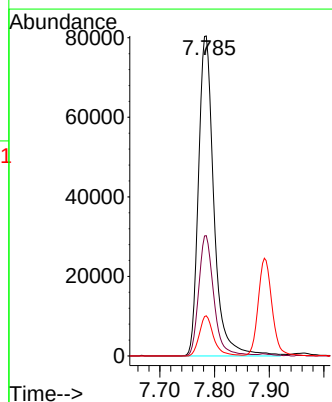
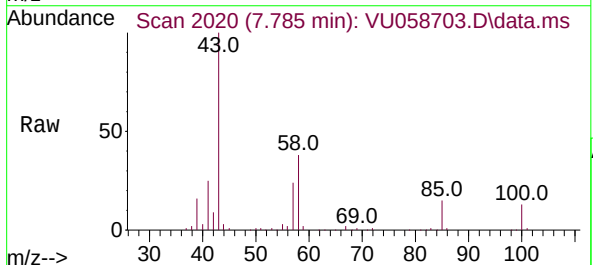
Instrument :
 MSVOA_U
 ClientSampleId :

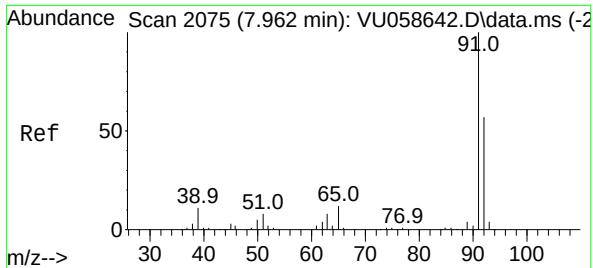
Tgt Ion: 75 Resp: 40486
 Ion Ratio Lower Upper
 75 100
 77 33.0 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 48.324 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU058703.D
 Acq: 16 Apr 2024 09:35

Tgt Ion: 43 Resp: 157965
 Ion Ratio Lower Upper
 43 100
 58 36.9 30.4 45.6
 100 11.6 10.3 15.5





#42

Toluene

Concen: 4.501 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058703.D

Acq: 16 Apr 2024 09:35

Instrument :

MSVOA_U

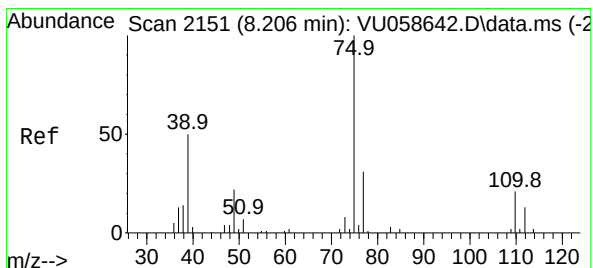
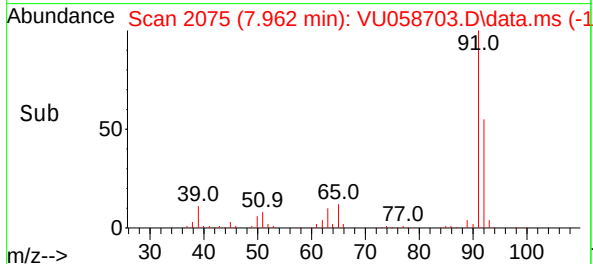
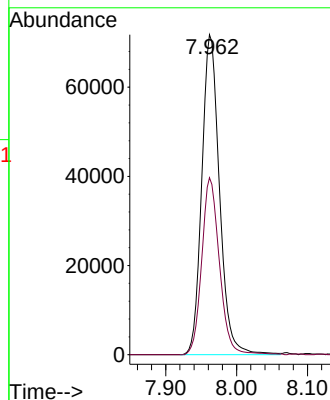
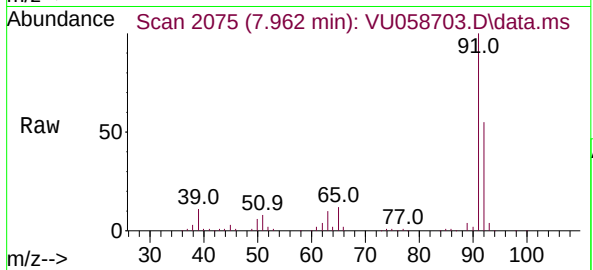
ClientSampleId :

Tgt Ion: 91 Resp: 124631

Ion Ratio Lower Upper

91 100

92 55.3 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 4.773 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU058703.D

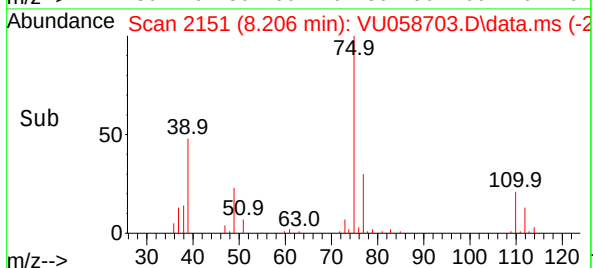
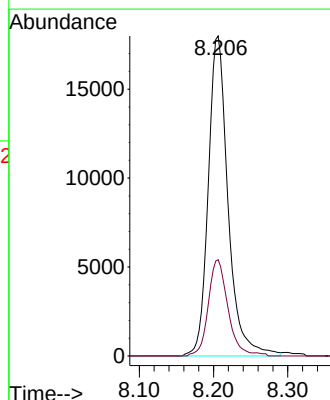
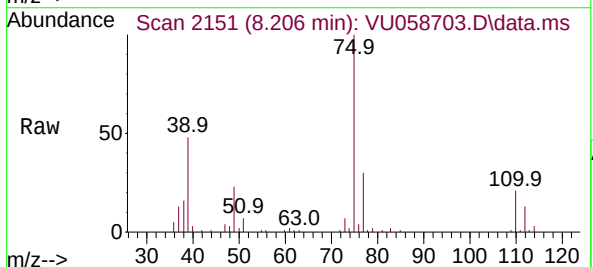
Acq: 16 Apr 2024 09:35

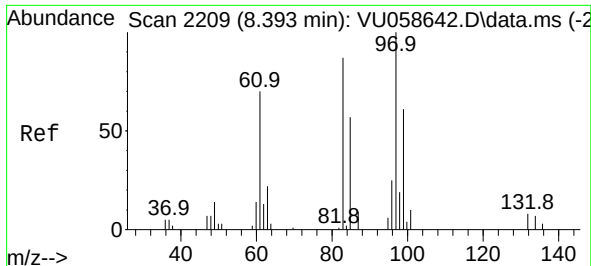
Tgt Ion: 75 Resp: 33239

Ion Ratio Lower Upper

75 100

77 30.1 22.2 41.2



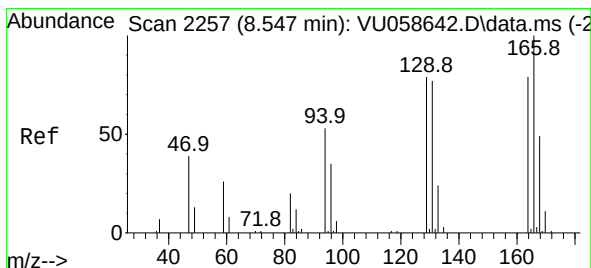
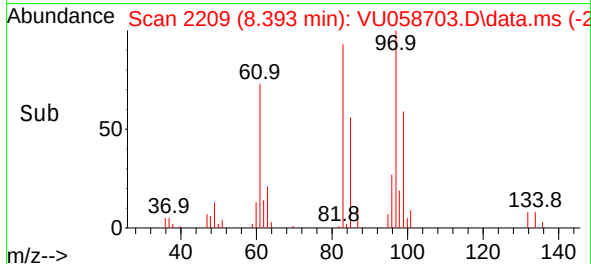
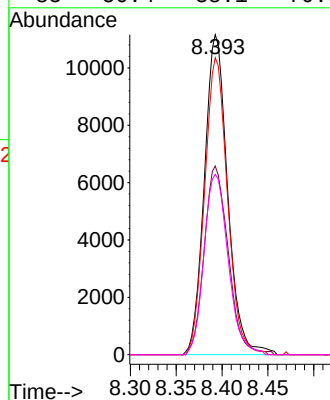
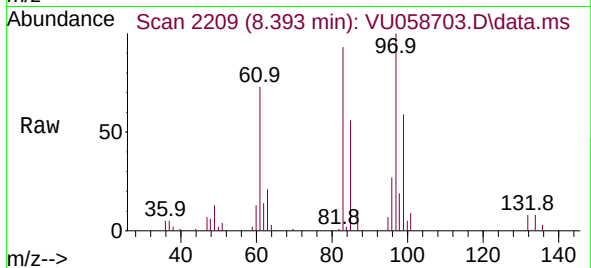


#45
1,1,2-Trichloroethane
Concen: 4.859 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 19710

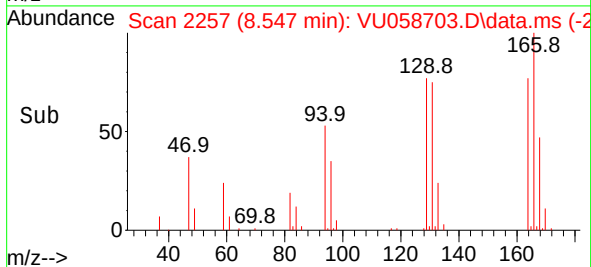
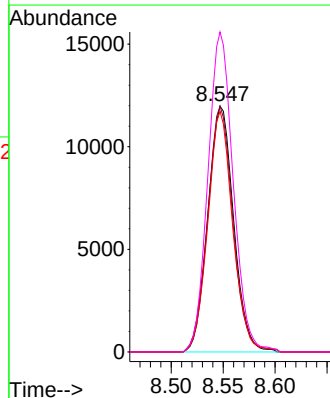
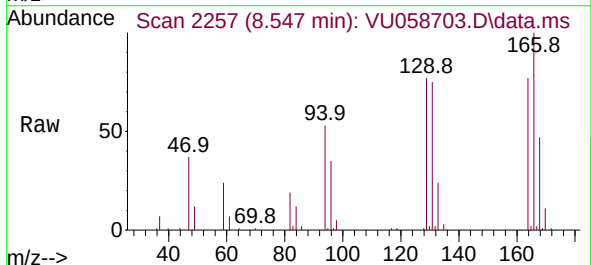
Ion	Ratio	Lower	Upper
97	100		
99	59.0	43.7	81.1
83	92.8	64.5	119.7
85	56.4	38.1	70.9

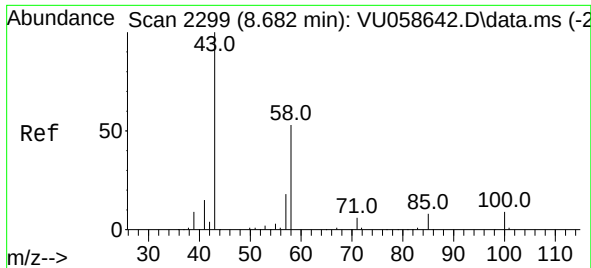


#47
Tetrachloroethene
Concen: 4.228 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

Tgt Ion: 164 Resp: 20624

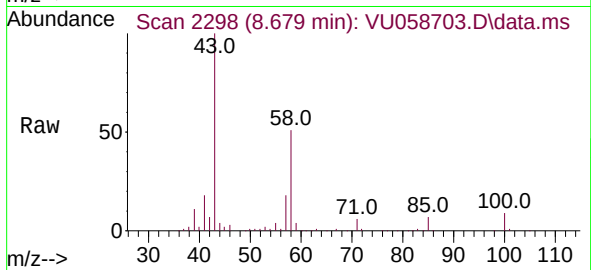
Ion	Ratio	Lower	Upper
164	100		
129	100.0	67.3	125.1
131	97.9	65.5	121.6
166	130.2	89.5	166.1



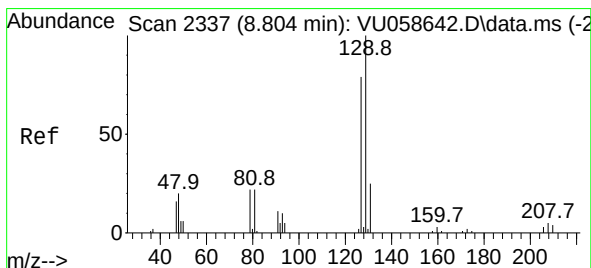
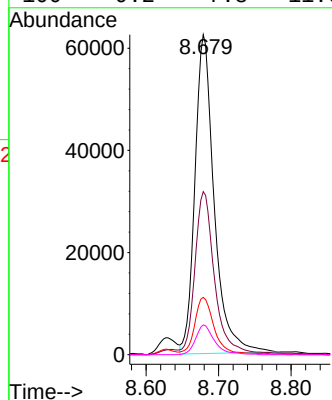
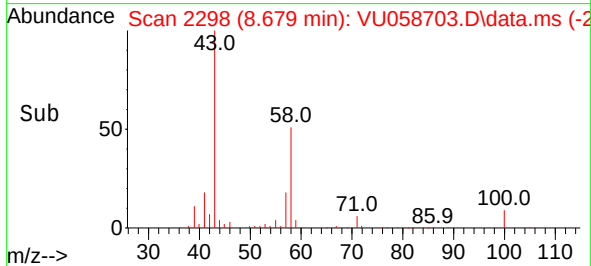


#48
2-Hexanone
Concen: 49.732 ug/L
RT: 8.679 min Scan# 2299
Delta R.T. -0.003 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

Instrument :
MSVOA_U
ClientSampleId :

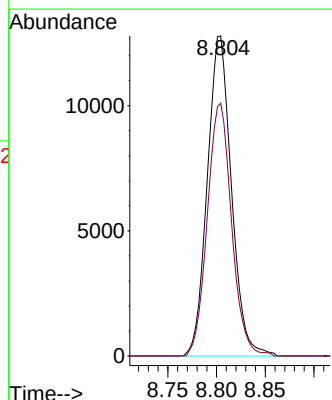
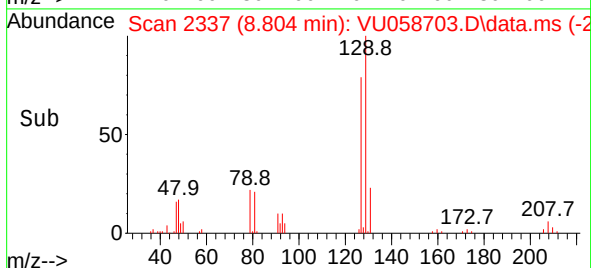
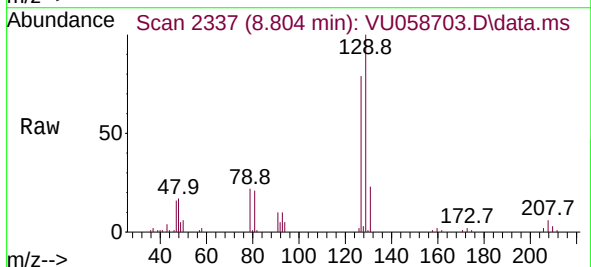


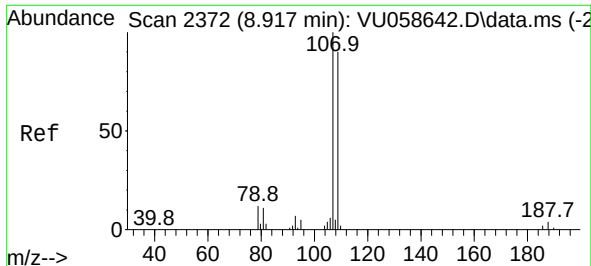
Tgt Ion: 43 Resp: 115410
Ion Ratio Lower Upper
43 100
58 53.2 43.2 64.8
57 17.5 15.4 23.0
100 9.2 7.8 11.6



#49
Dibromochloromethane
Concen: 4.695 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

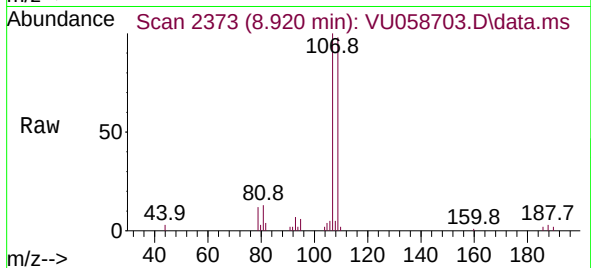
Tgt Ion: 129 Resp: 22018
Ion Ratio Lower Upper
129 100
127 79.0 53.5 99.5



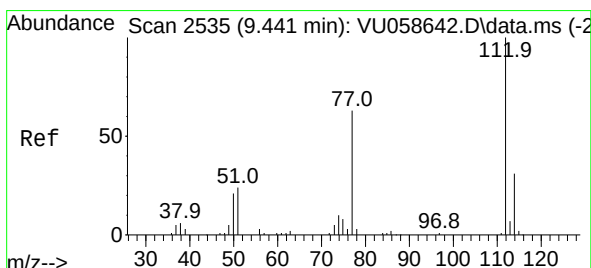
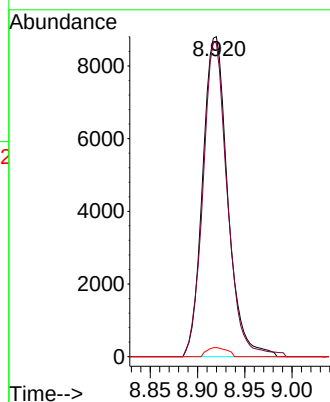
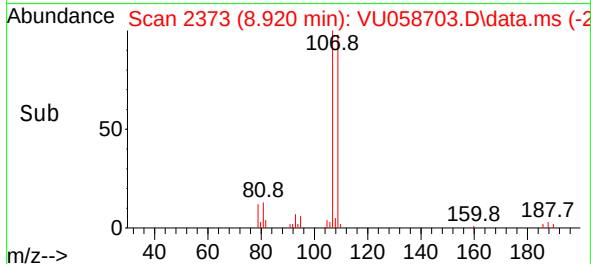


#50
1,2-Dibromoethane
Concen: 4.372 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

Instrument :
MSVOA_U
ClientSampleId :

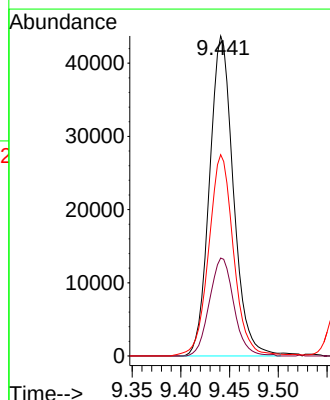
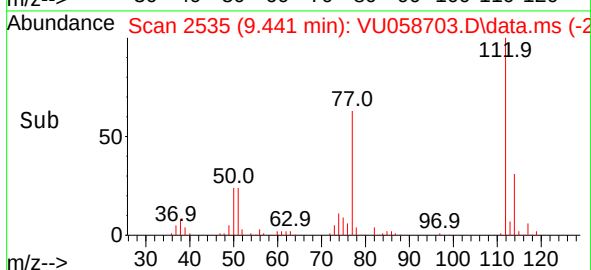
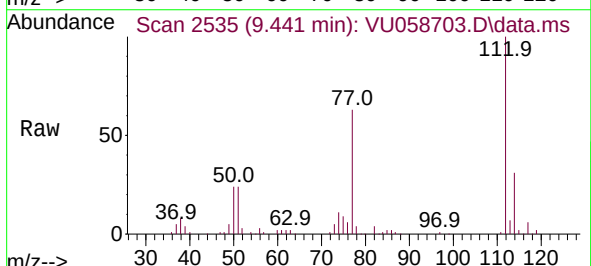


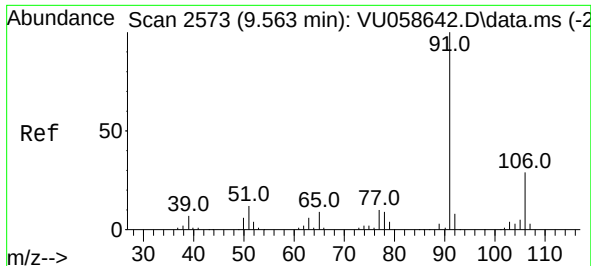
Tgt Ion:107 Resp: 16217
Ion Ratio Lower Upper
107 100
109 98.0 67.3 124.9
188 2.8 2.5 3.7



#51
Chlorobenzene
Concen: 4.454 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

Tgt Ion:112 Resp: 74611
Ion Ratio Lower Upper
112 100
114 30.6 22.4 41.6
77 62.9 50.1 75.1

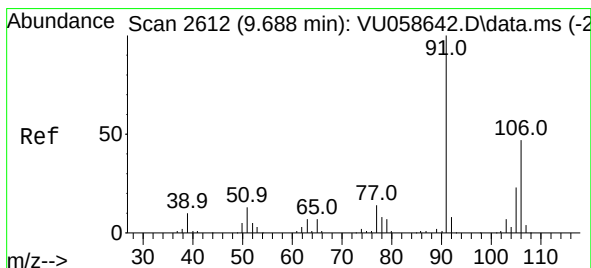
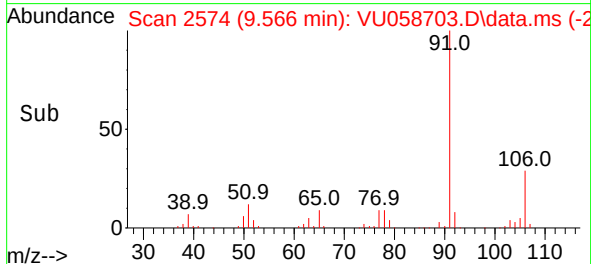
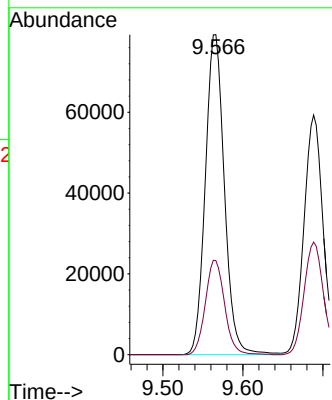
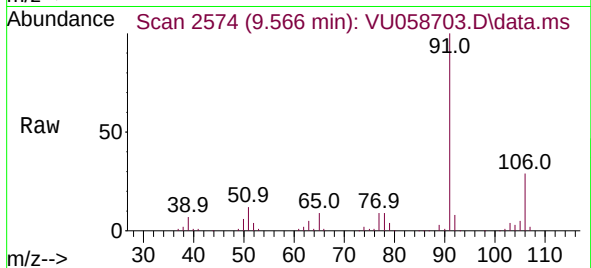




#52
Ethylbenzene
Concen: 4.490 ug/L
RT: 9.566 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

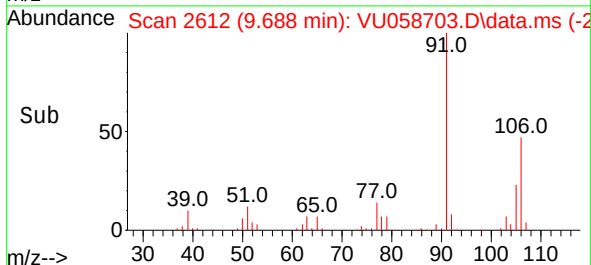
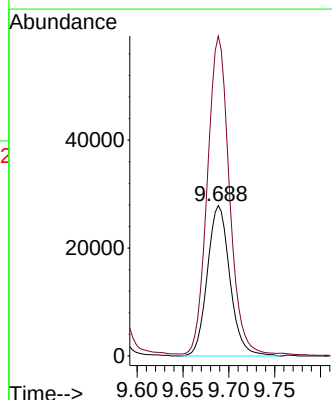
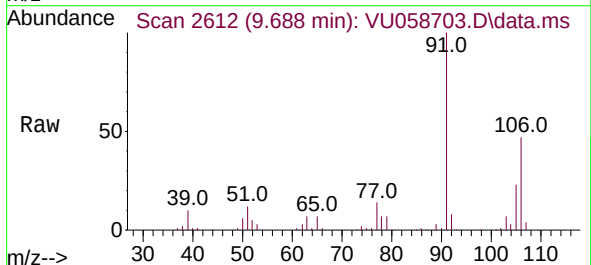
Instrument :
MSVOA_U
ClientSampleId :

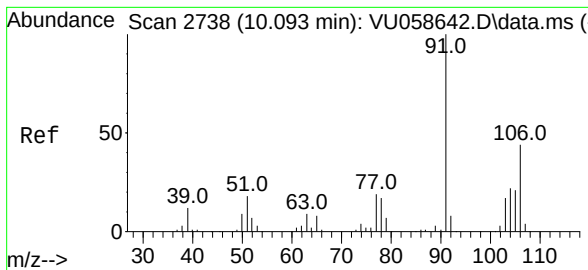
Tgt Ion: 91 Resp: 131701
Ion Ratio Lower Upper
91 100
106 29.4 20.6 38.4



#53
m,p-Xylene
Concen: 4.538 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

Tgt Ion:106 Resp: 47663
Ion Ratio Lower Upper
106 100
91 212.7 147.8 274.4

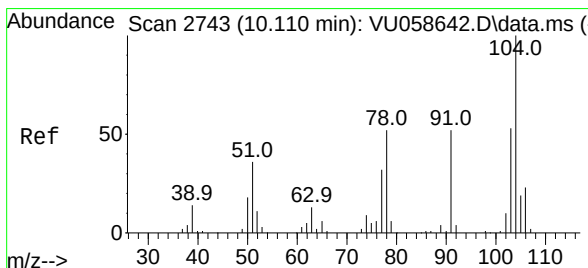
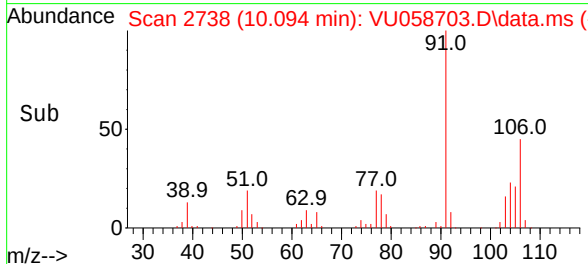
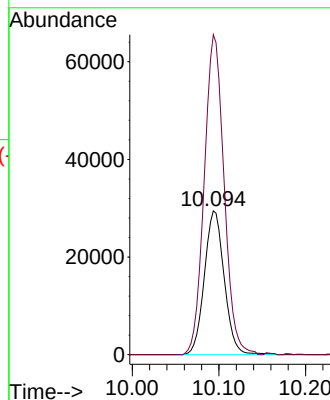
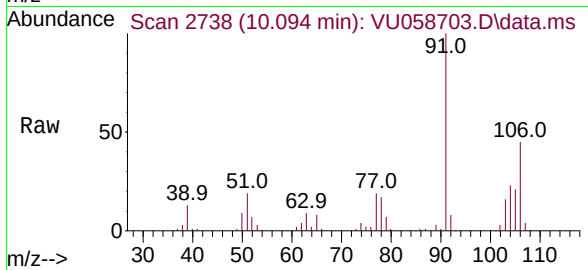




#54
o-Xylene
Concen: 4.561 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

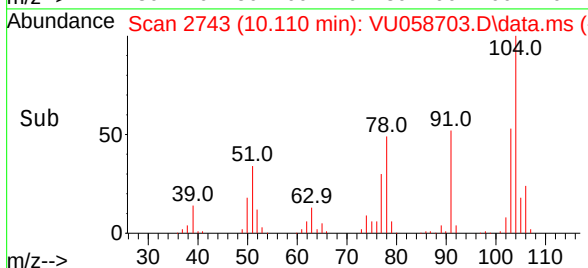
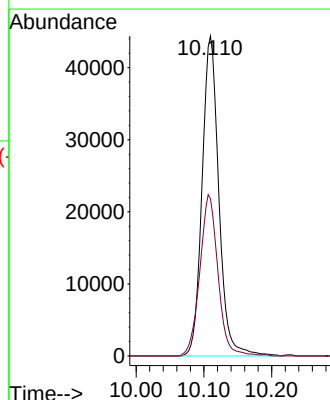
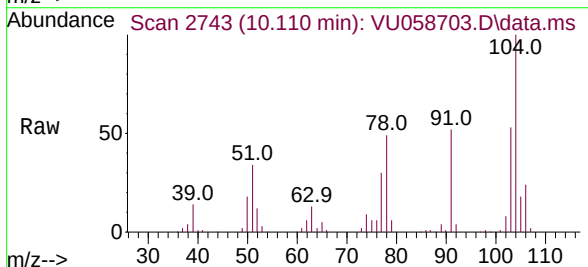
Instrument :
MSVOA_U
ClientSampleId :

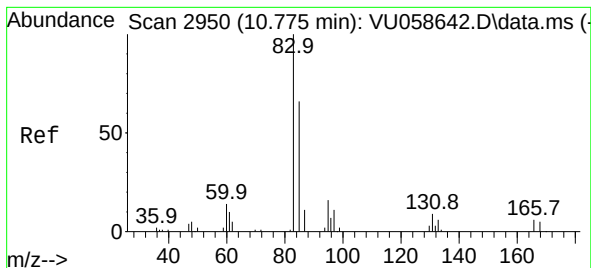
Tgt Ion:106 Resp: 46970
Ion Ratio Lower Upper
106 100
91 222.5 156.9 291.5



#55
Styrene
Concen: 4.599 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

Tgt Ion:104 Resp: 76187
Ion Ratio Lower Upper
104 100
78 49.2 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 4.667 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058703.D

Acq: 16 Apr 2024 09:35

Instrument :

MSVOA_U

ClientSampleId :

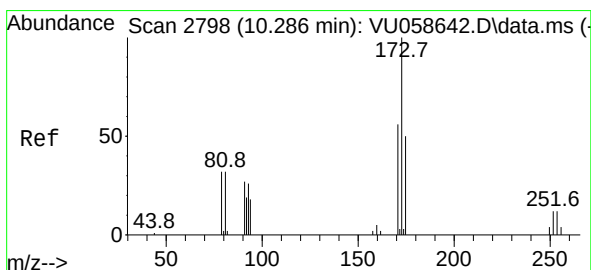
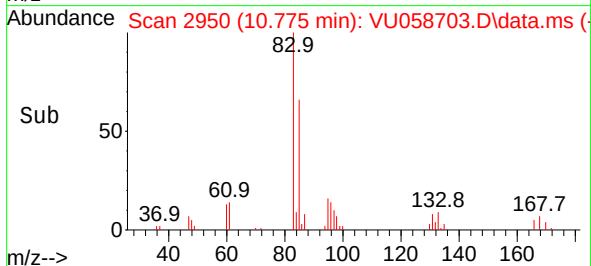
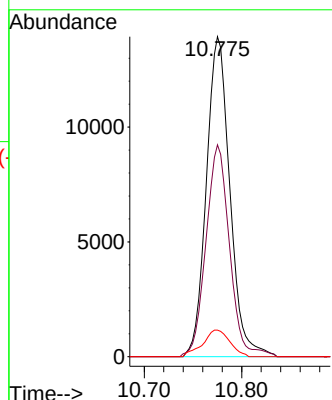
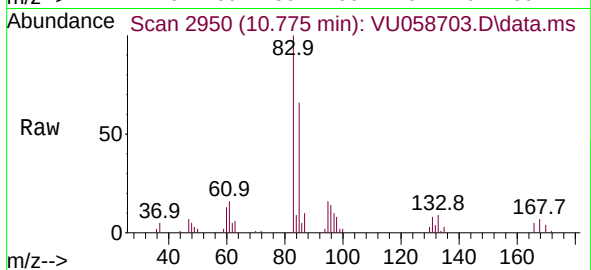
Tgt Ion: 83 Resp: 23352

Ion Ratio Lower Upper

83 100

85 66.2 45.1 83.7

131 8.3 6.9 10.3



#59

Bromoform

Concen: 4.773 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU058703.D

Acq: 16 Apr 2024 09:35

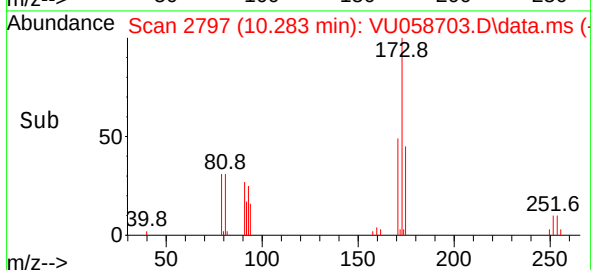
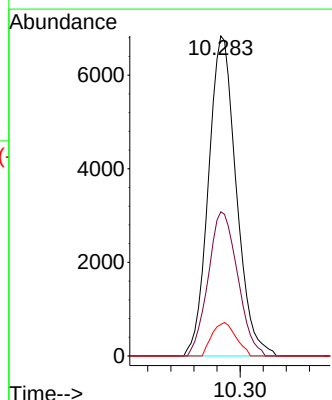
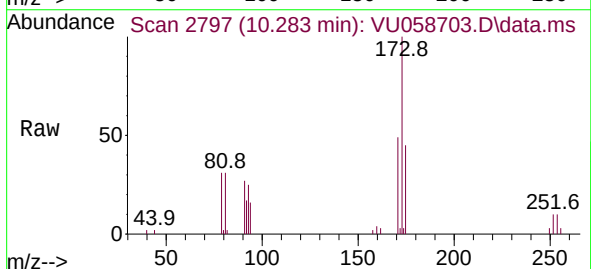
Tgt Ion:173 Resp: 11429

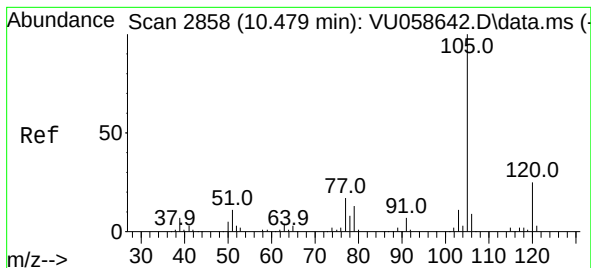
Ion Ratio Lower Upper

173 100

175 47.6 38.0 57.0

254 9.0 7.5 11.3





#60

Isopropylbenzene

Concen: 4.575 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU058703.D

Acq: 16 Apr 2024 09:35

Instrument :

MSVOA_U

ClientSampleId :

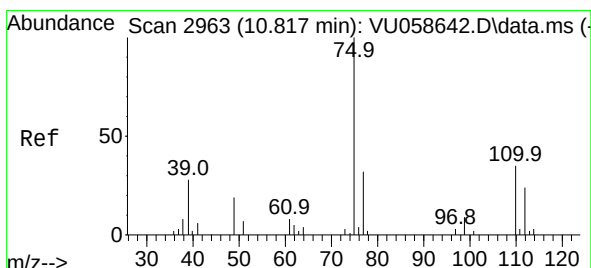
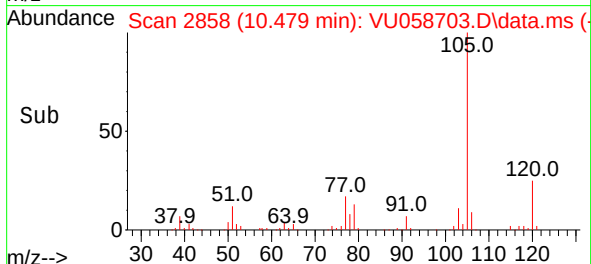
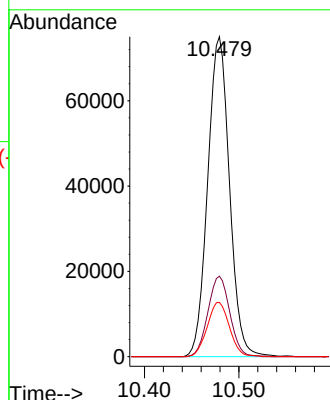
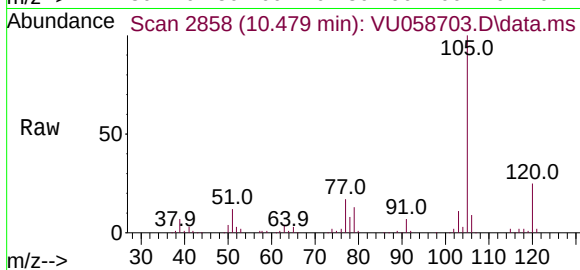
Tgt Ion:105 Resp: 120047

Ion Ratio Lower Upper

105 100

120 25.3 20.2 30.4

77 17.3 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 4.529 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU058703.D

Acq: 16 Apr 2024 09:35

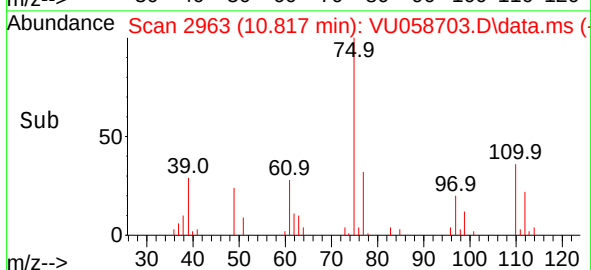
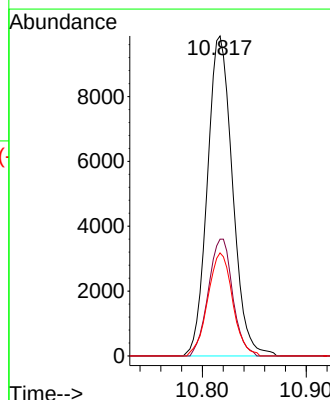
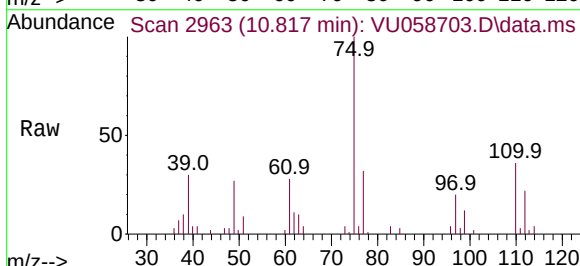
Tgt Ion: 75 Resp: 16562

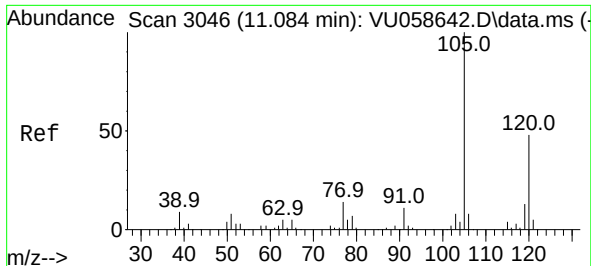
Ion Ratio Lower Upper

75 100

110 35.3 25.8 38.6

77 31.8 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 4.394 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU058703.D

Acq: 16 Apr 2024 09:35

Instrument :

MSVOA_U

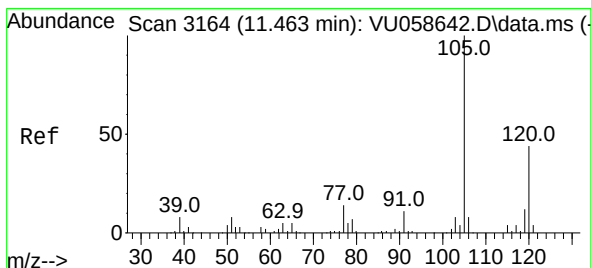
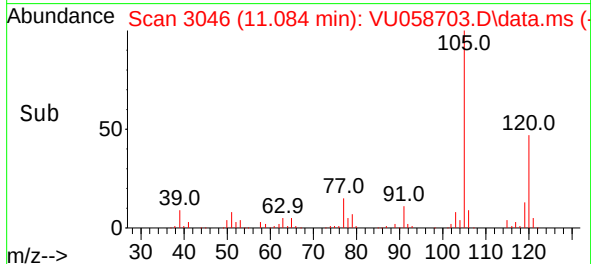
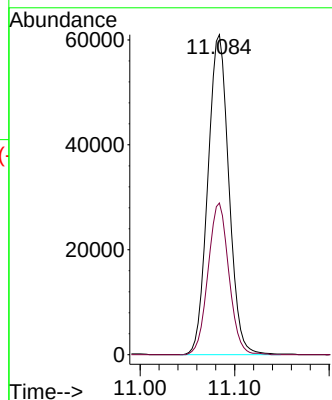
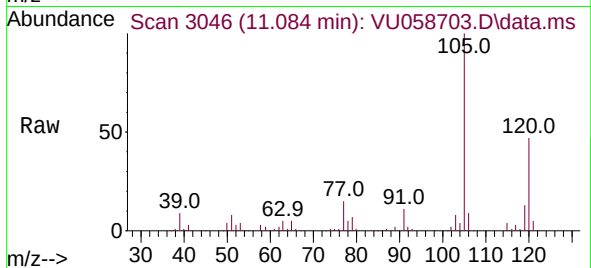
ClientSampleId :

Tgt Ion:105 Resp: 94033

Ion Ratio Lower Upper

105 100

120 47.0 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 4.421 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU058703.D

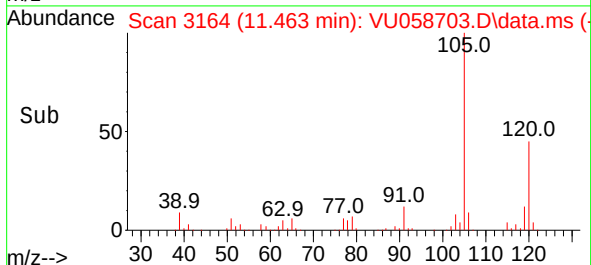
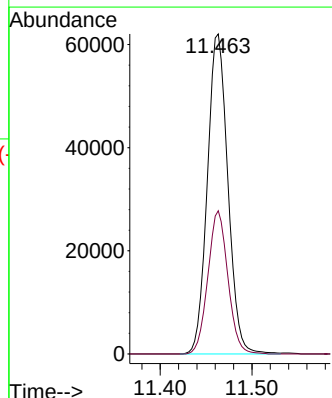
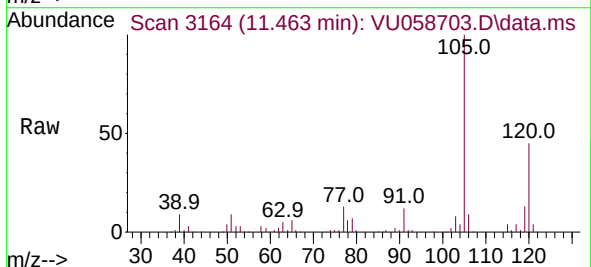
Acq: 16 Apr 2024 09:35

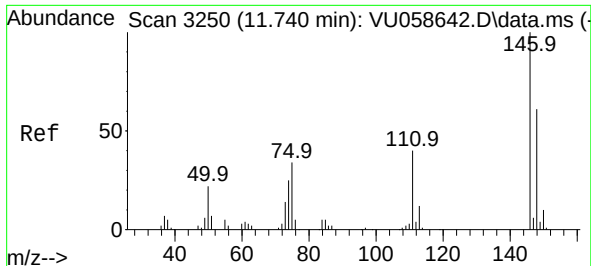
Tgt Ion:105 Resp: 96602

Ion Ratio Lower Upper

105 100

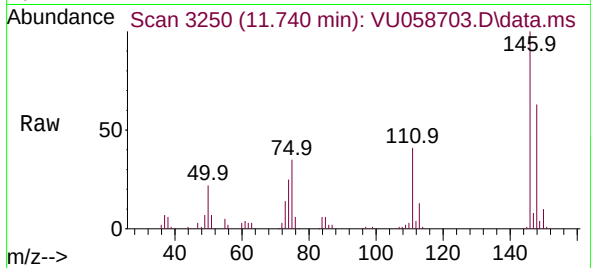
120 43.6 34.7 52.1



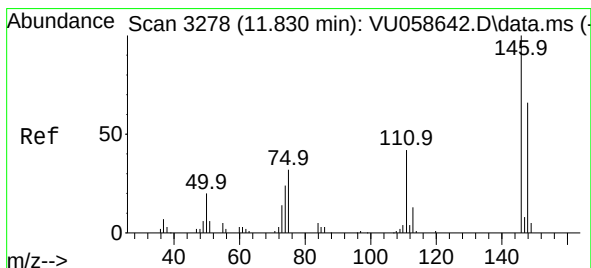
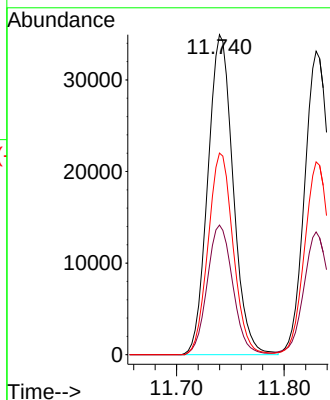
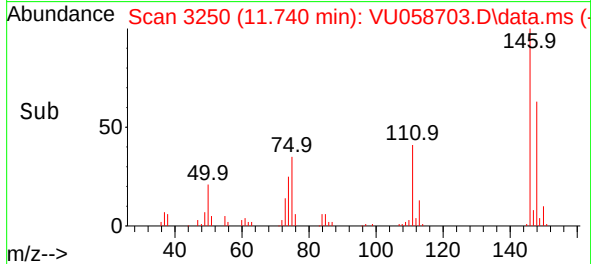


#64
1,3-Dichlorobenzene
Concen: 4.480 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

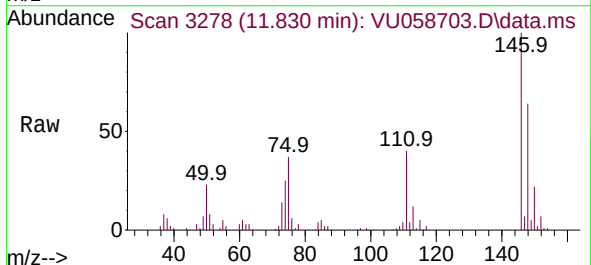
Instrument :
MSVOA_U
ClientSampleId :



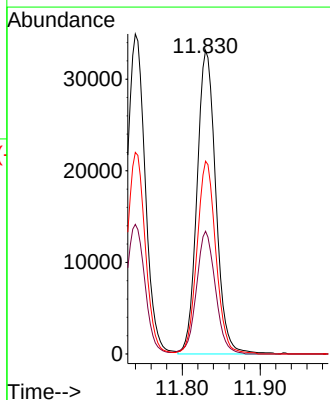
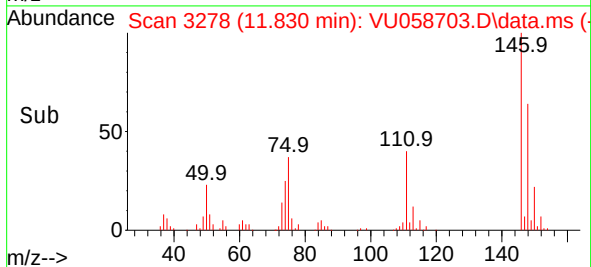
Tgt Ion:146 Resp: 57106
Ion Ratio Lower Upper
146 100
111 40.5 28.8 53.4
148 63.0 44.9 83.3

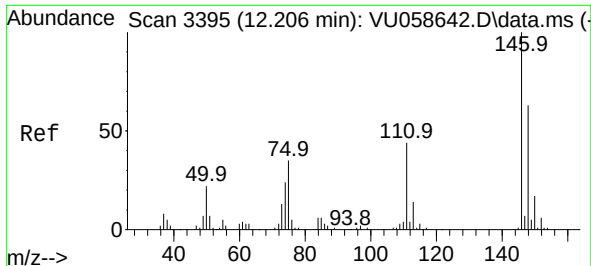


#65
1,4-Dichlorobenzene
Concen: 4.475 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35



Tgt Ion:146 Resp: 55577
Ion Ratio Lower Upper
146 100
111 40.4 28.8 53.6
148 63.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.398 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058703.D

Acq: 16 Apr 2024 09:35

Instrument :

MSVOA_U

ClientSampleId :

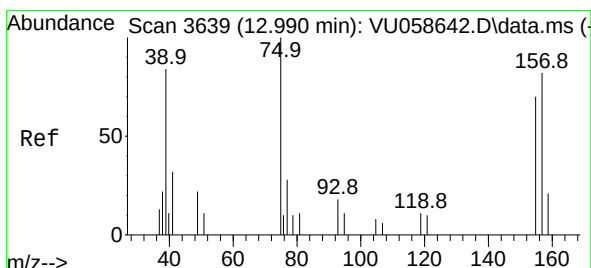
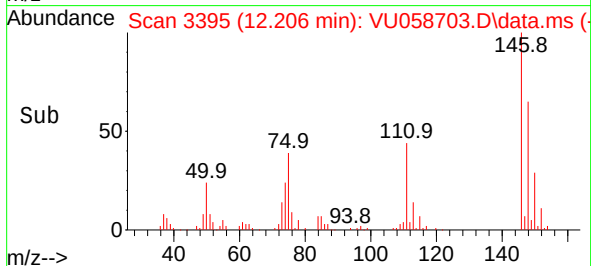
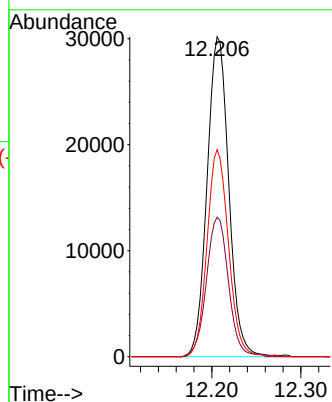
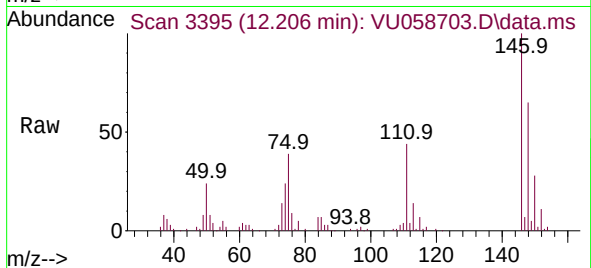
Tgt Ion:146 Resp: 50990

Ion Ratio Lower Upper

146 100

111 43.6 35.0 52.4

148 64.7 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.058 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU058703.D

Acq: 16 Apr 2024 09:35

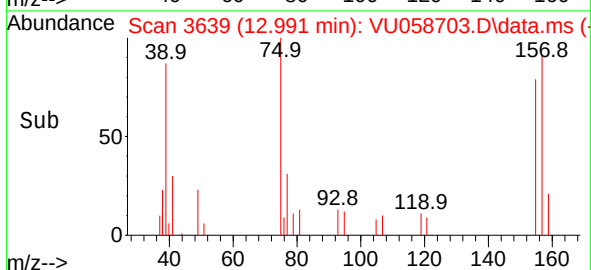
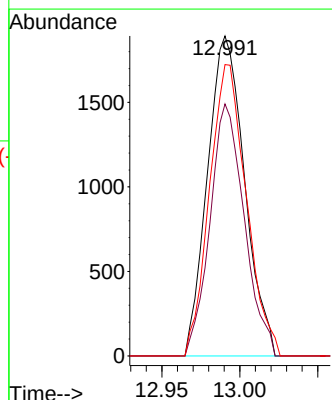
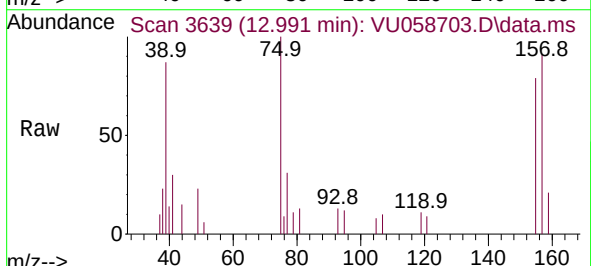
Tgt Ion: 75 Resp: 3137

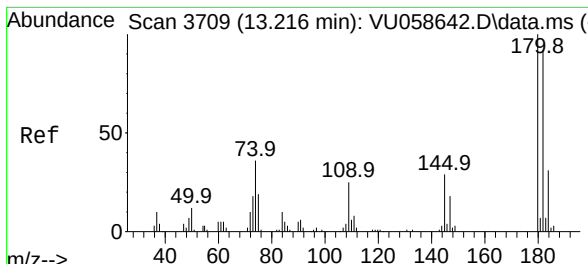
Ion Ratio Lower Upper

75 100

155 78.8 61.4 92.0

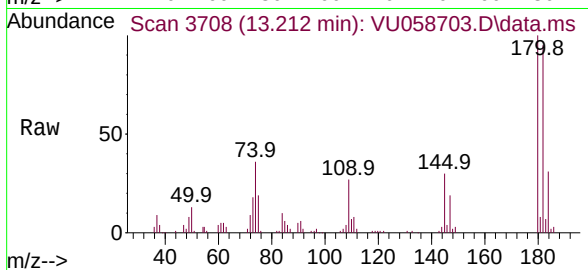
157 91.1 81.7 122.5



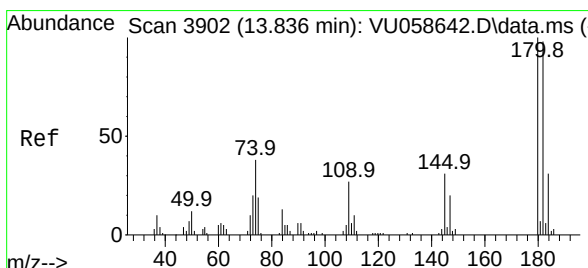
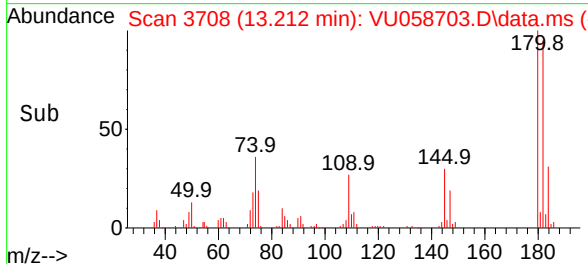
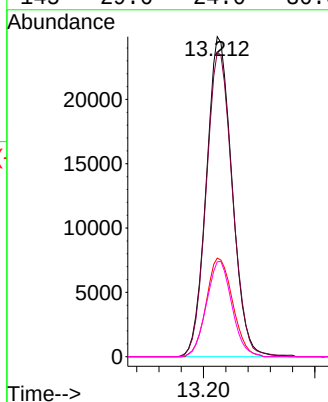


#69
 1,3,5-Trichlorobenzene
 Concen: 4.223 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU058703.D
 Acq: 16 Apr 2024 09:35

Instrument :
 MSVOA_U
 ClientSampleId :

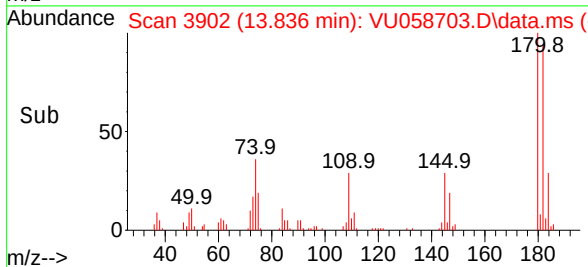
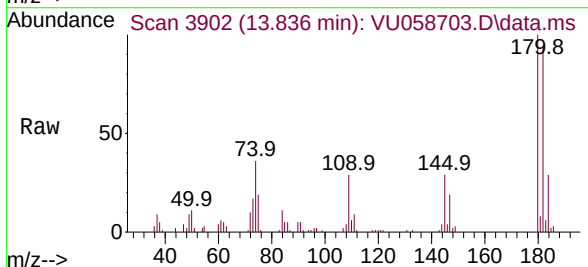
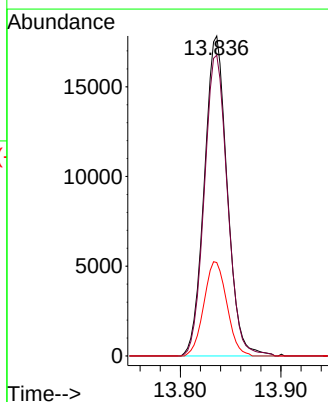


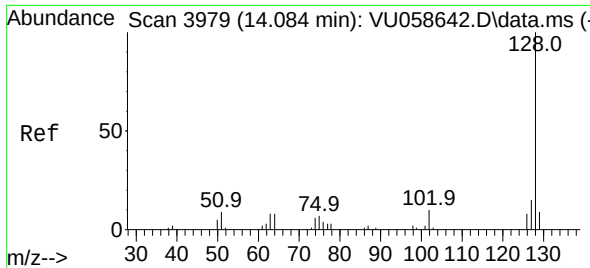
Tgt Ion:180 Resp: 39801
 Ion Ratio Lower Upper
 180 100
 182 97.1 75.7 113.5
 184 31.6 24.3 36.5
 145 29.6 24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 3.884 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU058703.D
 Acq: 16 Apr 2024 09:35

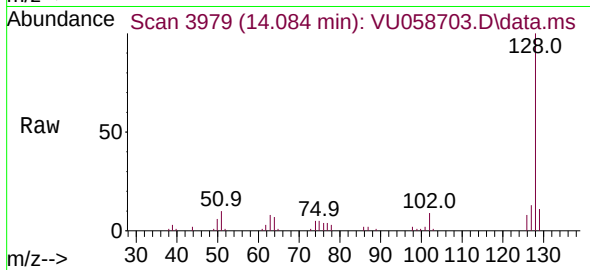
Tgt Ion:180 Resp: 28232
 Ion Ratio Lower Upper
 180 100
 182 95.0 74.4 111.6
 145 29.5 24.1 36.1



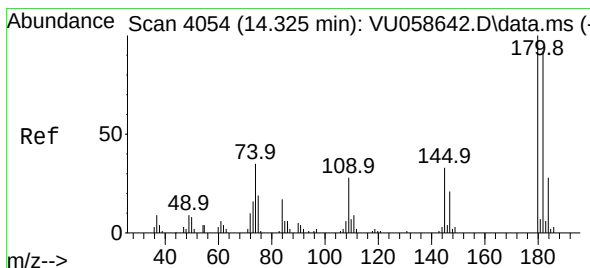
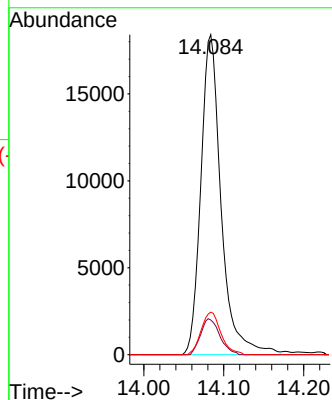
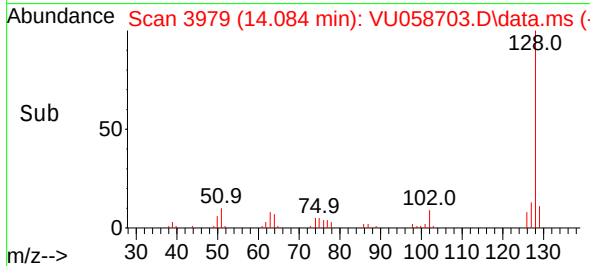


#71
Naphthalene
Concen: 3.269 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35

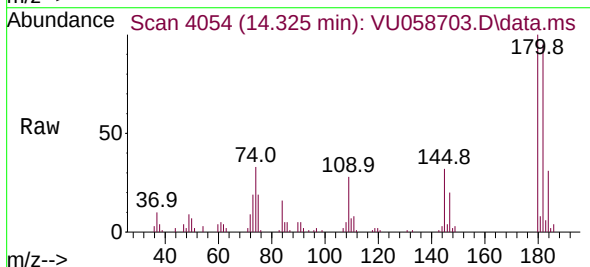
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 32561
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.9 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 3.894 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU058703.D
Acq: 16 Apr 2024 09:35



Tgt Ion:180 Resp: 23372
Ion Ratio Lower Upper
180 100
182 96.7 75.9 113.9
145 31.0 25.2 37.8

