

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040224\
 Data File : VU058349.D
 Acq On : 02 Apr 2024 20:04
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 03 02:06:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 01:56:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	69898	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	65960	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	32602	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24018	4.066	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.907	69	23676	4.911	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.560	65	10253	4.181	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.618	46	58443	55.693	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.380%
24) Chloroform-d	5.052	84	50931	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.692	65	25276	5.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.718	84	101636	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.682	67	32571	5.158	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.891	98	88162	4.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.174	79	8810	4.355	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.624	63	43927	53.614	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	21315	5.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	28918	4.763	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	8806	3.059	ug/L	100
3) Chloromethane	1.515	50	12886	3.511	ug/L	94
5) Vinyl chloride	1.599	62	14593	3.642	ug/L	99
6) Bromomethane	1.853	94	6616	3.078	ug/L	98
8) Chloroethane	1.927	64	11761	4.450	ug/L	95
9) Trichlorofluoromethane	2.132	101	24152	3.709	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	15730	3.763	ug/L	97
12) 1,1-Dichloroethene	2.573	96	13501	3.853	ug/L	96
13) Acetone	2.631	43	30470	44.865	ug/L	99
14) Carbon disulfide	2.788	76	24550	3.136	ug/L	100
15) Methyl Acetate	2.949	43	6971	4.945	ug/L	99
16) Methylene chloride	3.036	84	23716	4.776	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	41706	4.435	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	14304	3.906	ug/L	96
19) 1,1-Dichloroethane	3.859	63	37170	4.517	ug/L	98
21) 2-Butanone	4.698	43	47554	46.088	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	19570	4.325	ug/L	98
23) Bromochloromethane	4.965	128	8027	4.754	ug/L	95
25) Chloroform	5.078	83	39222	4.545	ug/L	94

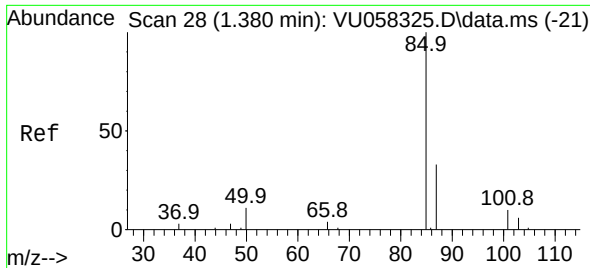
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040224\
 Data File : VU058349.D
 Acq On : 02 Apr 2024 20:04
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 03 02:06:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 01:56:26 2024
 Response via : Initial Calibration

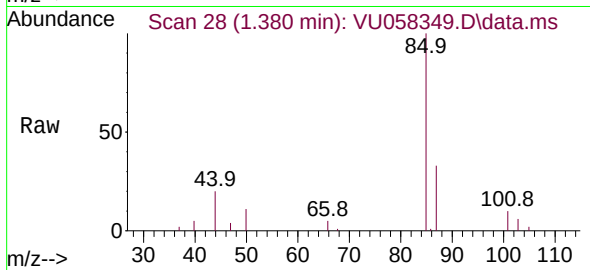
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	22258	4.543	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	28633	4.198	ug/L	98
30) Cyclohexane	5.377	56	19662	3.301	ug/L	97
31) Carbon tetrachloride	5.515	117	22379	3.855	ug/L	98
33) Benzene	5.766	78	74600	4.306	ug/L	100
34) Trichloroethene	6.534	95	19188	4.251	ug/L	96
35) Methylcyclohexane	6.756	83	20941	3.327	ug/L	100
37) 1,2-Dichloropropane	6.782	63	22138	4.575	ug/L	98
38) Bromodichloromethane	7.097	83	26075	4.700	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	25670	4.182	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	118078	48.253	ug/L	98
42) Toluene	7.962	91	76753	4.193	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	20931	4.334	ug/L	95
45) 1,1,2-Trichloroethane	8.393	97	14393	4.722	ug/L	96
47) Tetrachloroethene	8.547	164	11834	3.915	ug/L	99
48) 2-Hexanone	8.676	43	82973	46.560	ug/L	95
49) Dibromochloromethane	8.801	129	15609	4.680	ug/L	98
50) 1,2-Dibromoethane	8.917	107	11917	4.541	ug/L	91
51) Chlorobenzene	9.441	112	50074	4.246	ug/L	99
52) Ethylbenzene	9.563	91	85167	4.167	ug/L	100
53) m,p-Xylene	9.688	106	29969	4.115	ug/L	94
54) o-Xylene	10.094	106	30875	4.200	ug/L	97
55) Styrene	10.106	104	50651	4.364	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	17337	4.825	ug/L	100
59) Bromoform	10.286	173	7949	4.643	ug/L	97
60) Isopropylbenzene	10.476	105	77206	3.942	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	12387	4.537	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	63390	3.856	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	64474	3.949	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	38093	4.176	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	37651	4.271	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	36082	4.278	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	2149	5.220	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	26748	4.194	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	20830	4.379	ug/L	97
71) Naphthalene	14.084	128	28116	4.340	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	17645	4.530	ug/L	97

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

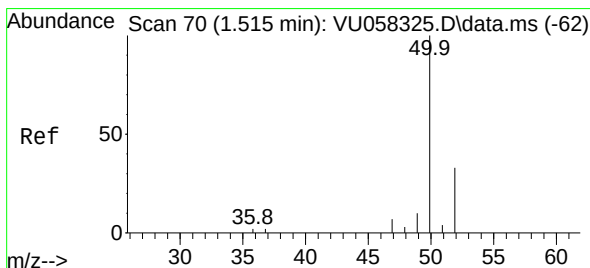
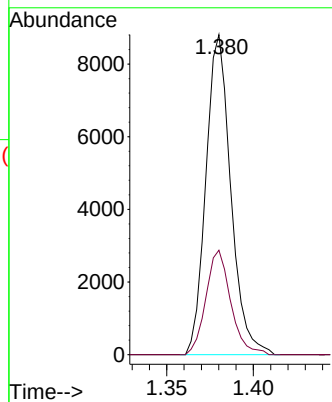
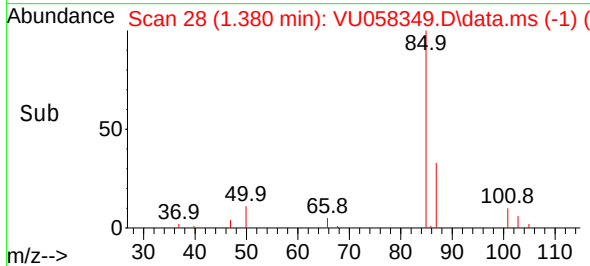


#2
 Dichlorodifluoromethane
 Concen: 3.059 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU058349.D
 Acq: 02 Apr 2024 20:04

Instrument :
 MSVOA_U
 ClientSampleId :

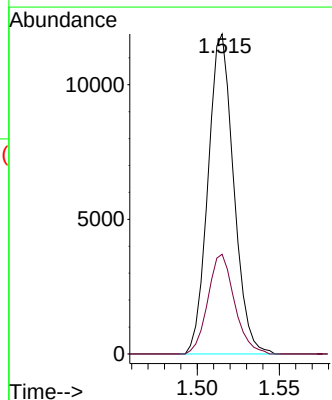
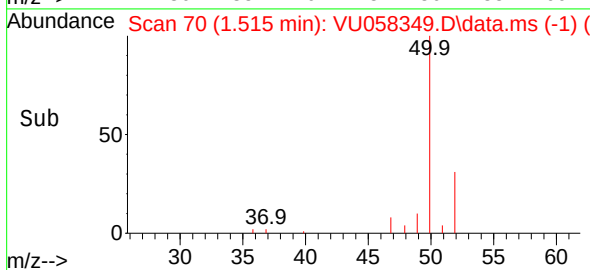
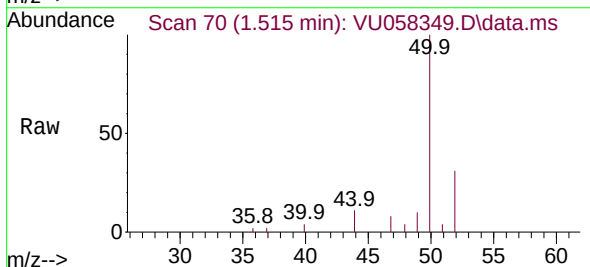


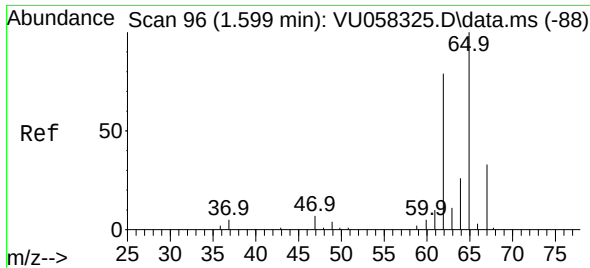
Tgt Ion: 85 Resp: 8806
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.8



#3
 Chloromethane
 Concen: 3.511 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU058349.D
 Acq: 02 Apr 2024 20:04

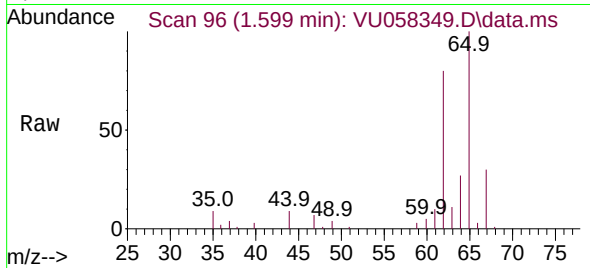
Tgt Ion: 50 Resp: 12886
 Ion Ratio Lower Upper
 50 100
 52 31.1 24.2 45.0



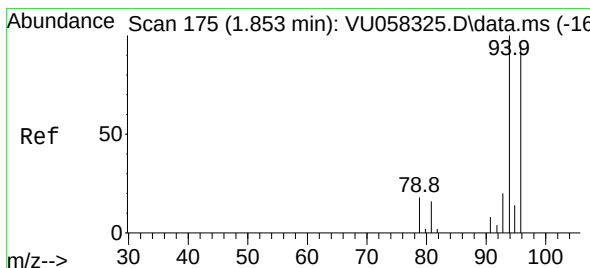
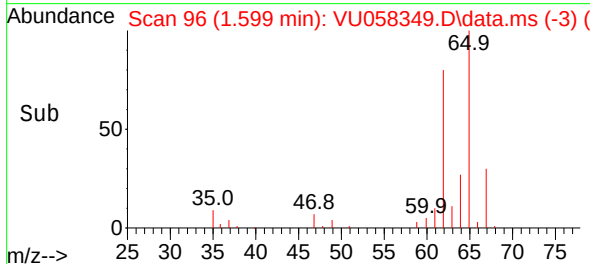
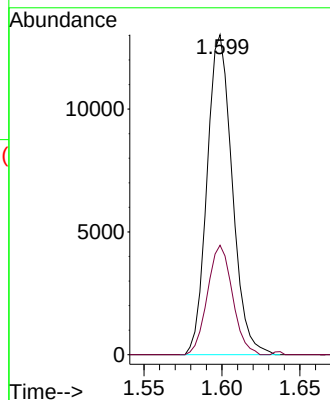


#5
 Vinyl chloride
 Concen: 3.642 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU058349.D
 Acq: 02 Apr 2024 20:04

Instrument :
 MSVOA_U
 ClientSampleId :

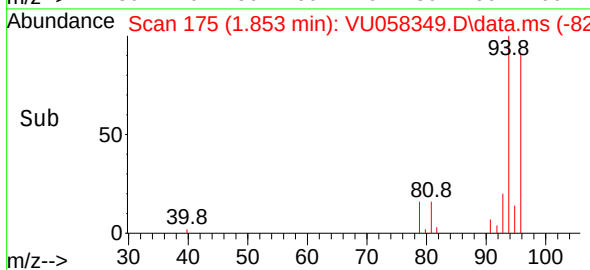
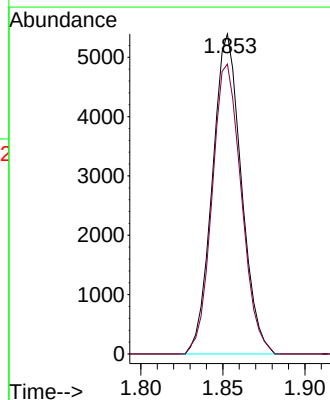
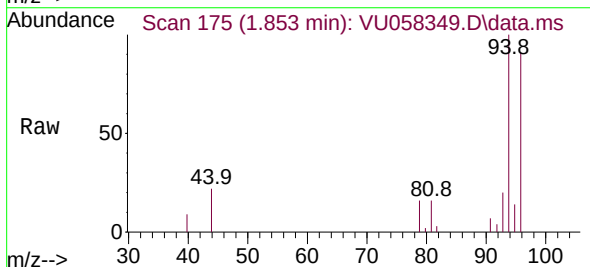


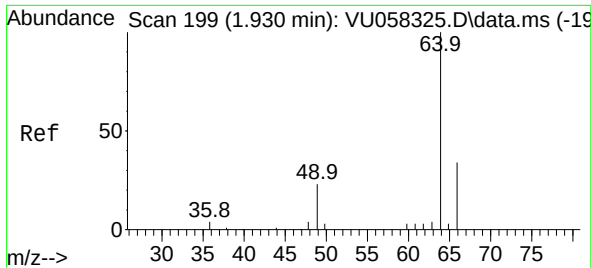
Tgt Ion: 62 Resp: 14593
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.4 43.6



#6
 Bromomethane
 Concen: 3.078 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU058349.D
 Acq: 02 Apr 2024 20:04

Tgt Ion: 94 Resp: 6616
 Ion Ratio Lower Upper
 94 100
 96 90.6 64.8 120.4

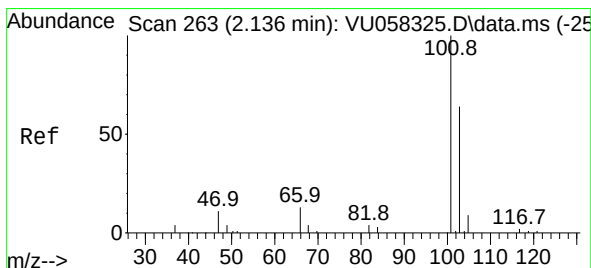
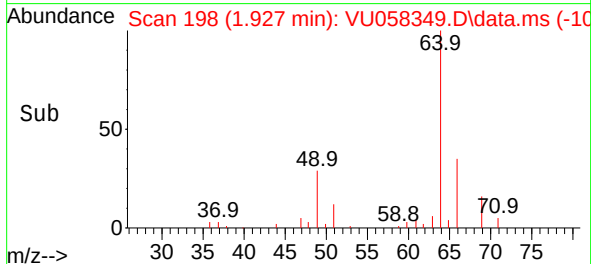
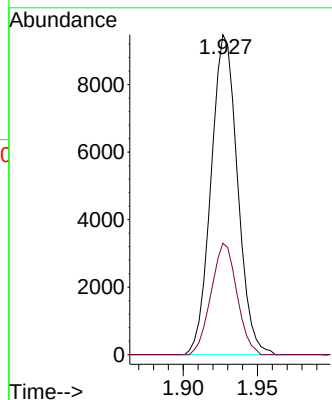
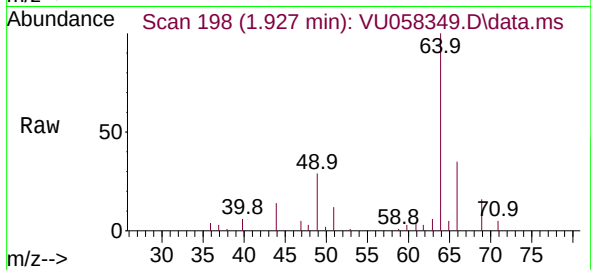




#8
Chloroethane
Concen: 4.450 ug/L
RT: 1.927 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

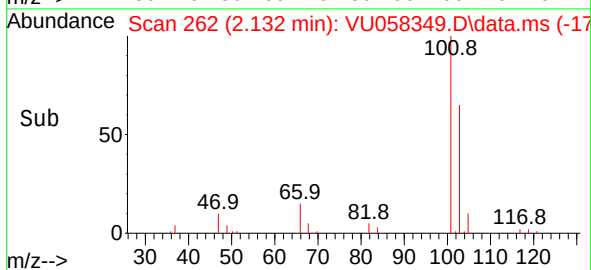
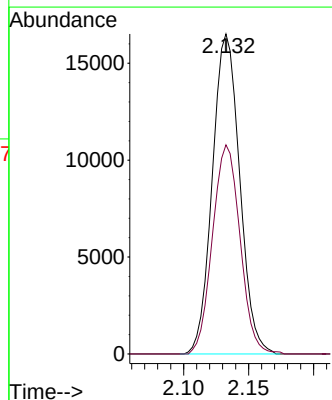
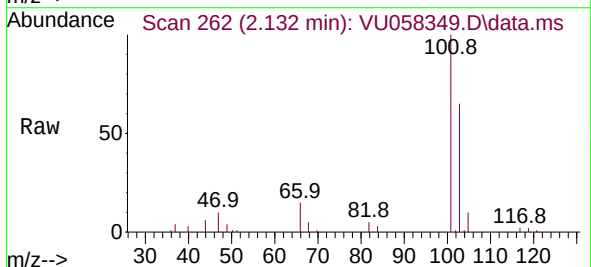
Instrument :
MSVOA_U
ClientSampleId :

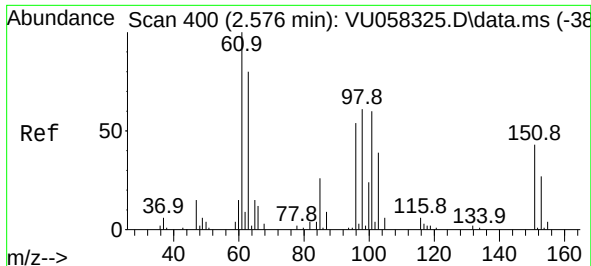
Tgt Ion: 64 Resp: 11761
Ion Ratio Lower Upper
64 100
66 34.8 22.5 41.9



#9
Trichlorofluoromethane
Concen: 3.709 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

Tgt Ion:101 Resp: 24152
Ion Ratio Lower Upper
101 100
103 65.7 52.3 78.5





#10

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

Concen: 3.763 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU058349.D

Acq: 02 Apr 2024 20:04

Instrument :

MSVOA_U

ClientSampleId :

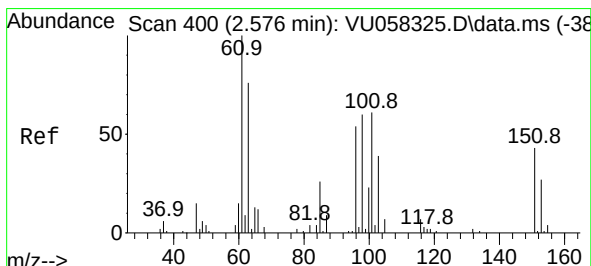
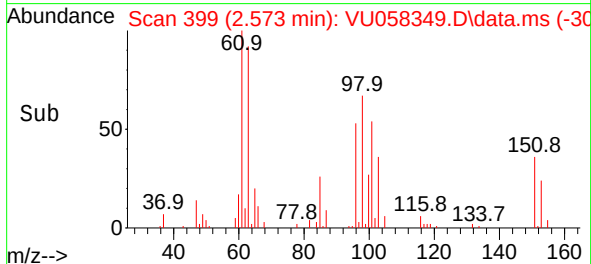
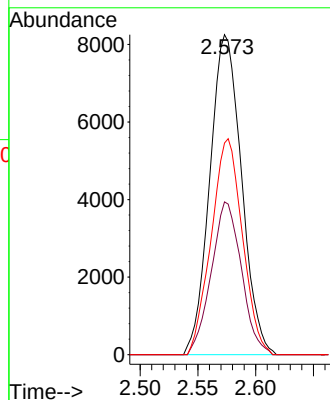
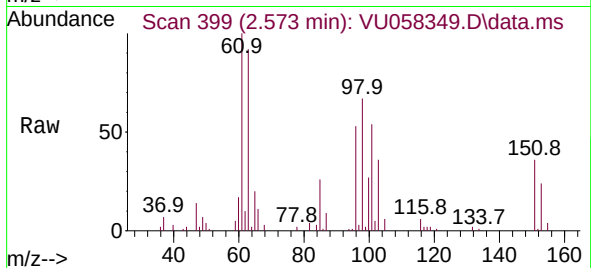
Tgt Ion:101 Resp: 15730

Ion Ratio Lower Upper

101 100

85 45.4 37.9 56.9

151 66.6 55.3 82.9



#12

1,1-Dichloroethene

Concen: 3.853 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU058349.D

Acq: 02 Apr 2024 20:04

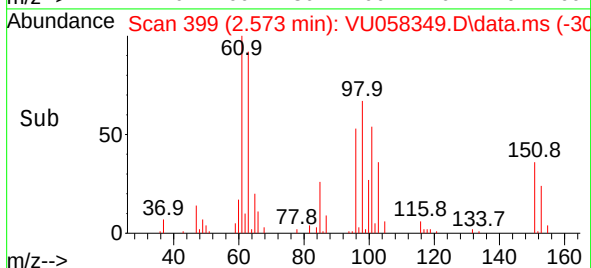
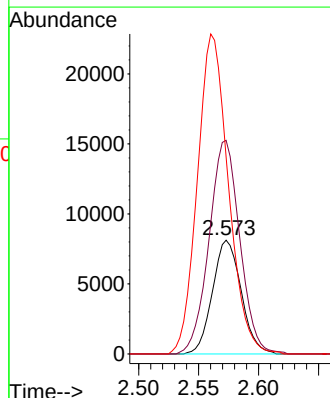
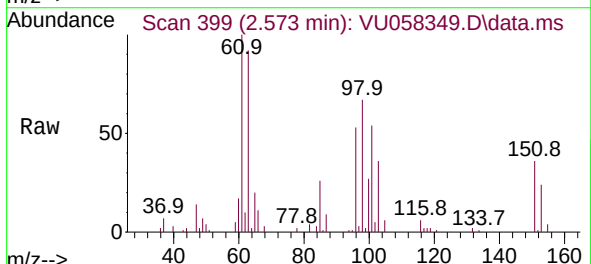
Tgt Ion: 96 Resp: 13501

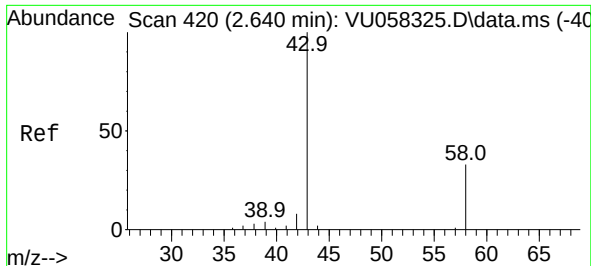
Ion Ratio Lower Upper

96 100

61 187.8 128.1 237.9

63 173.1 116.8 217.0





#13

Acetone

Concen: 44.865 ug/L

RT: 2.631 min Scan# 417

Delta R.T. -0.010 min

Lab File: VU058349.D

Acq: 02 Apr 2024 20:04

Instrument :

MSVOA_U

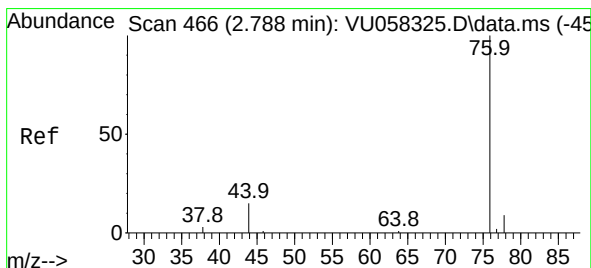
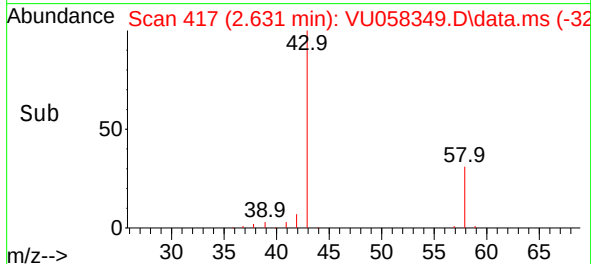
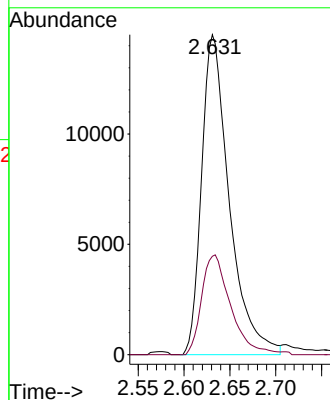
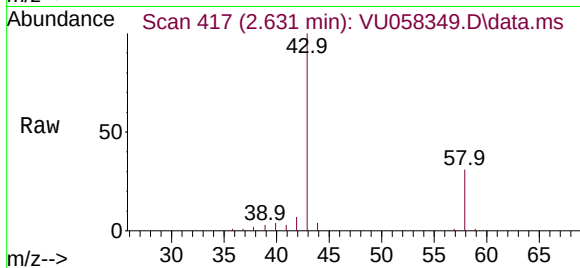
ClientSampleId :

Tgt Ion: 43 Resp: 30470

Ion Ratio Lower Upper

43 100

58 32.8 0.0 64.6



#14

Carbon disulfide

Concen: 3.136 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU058349.D

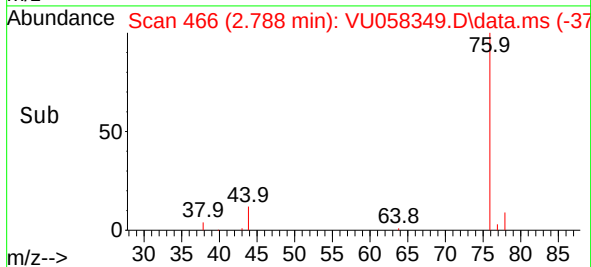
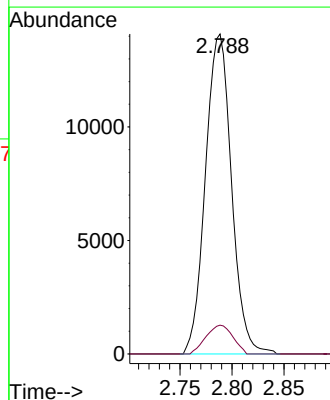
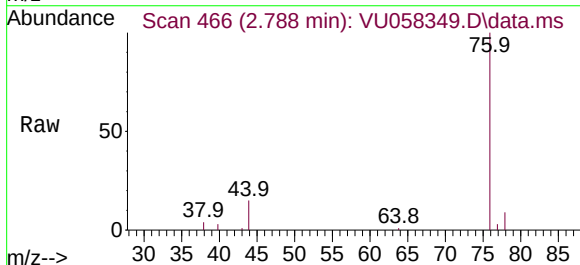
Acq: 02 Apr 2024 20:04

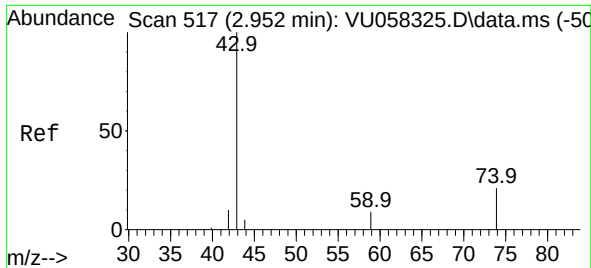
Tgt Ion: 76 Resp: 24550

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

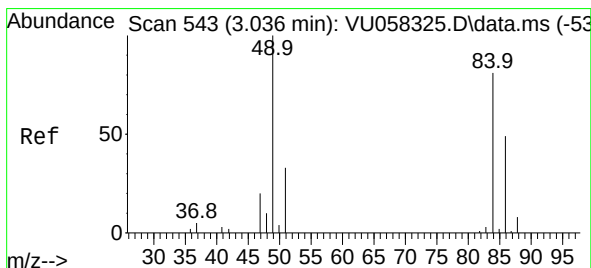
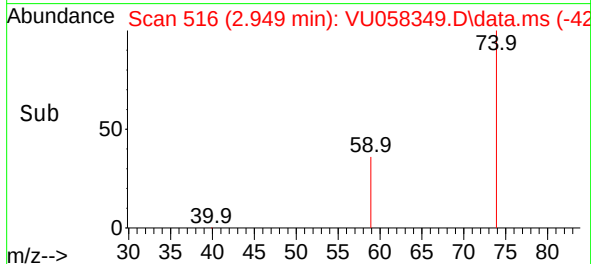
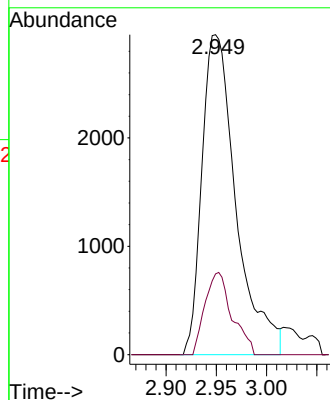
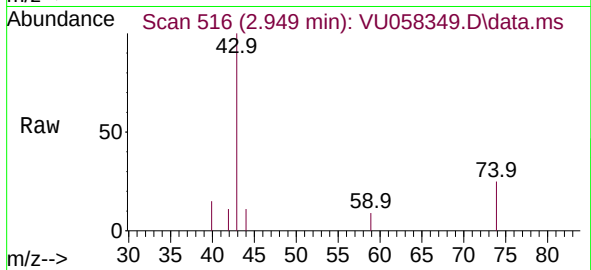




#15
Methyl Acetate
Concen: 4.945 ug/L
RT: 2.949 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

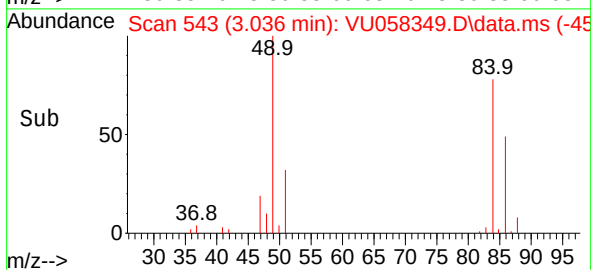
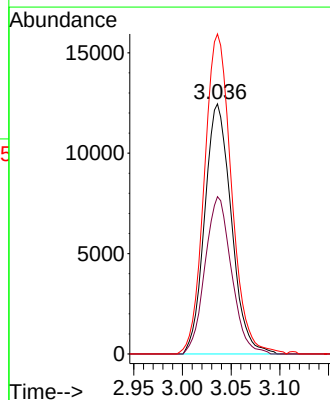
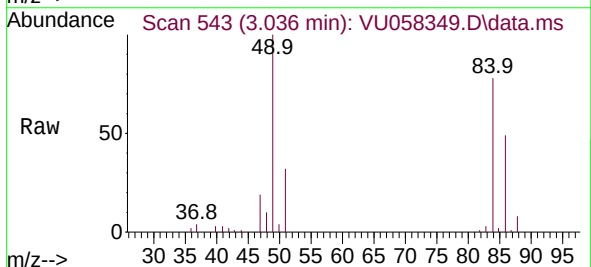
Instrument :
MSVOA_U
ClientSampleId :

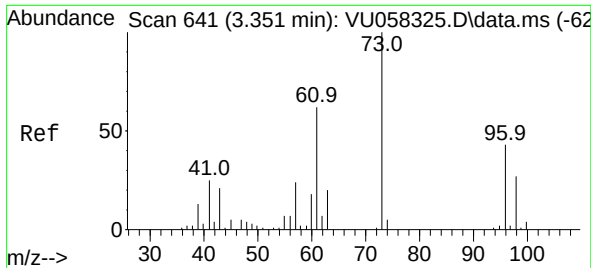
Tgt Ion: 43 Resp: 6971
Ion Ratio Lower Upper
43 100
74 20.3 16.8 25.2



#16
Methylene chloride
Concen: 4.776 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

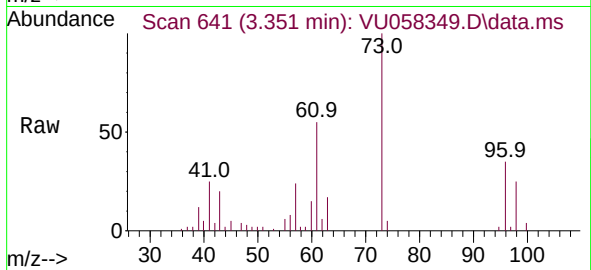
Tgt Ion: 84 Resp: 23716
Ion Ratio Lower Upper
84 100
86 62.9 45.6 84.6
49 128.0 88.3 163.9



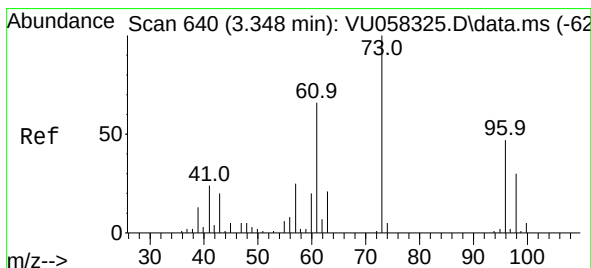
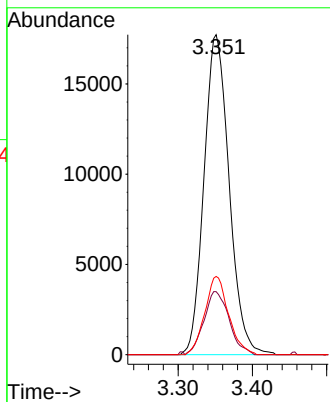
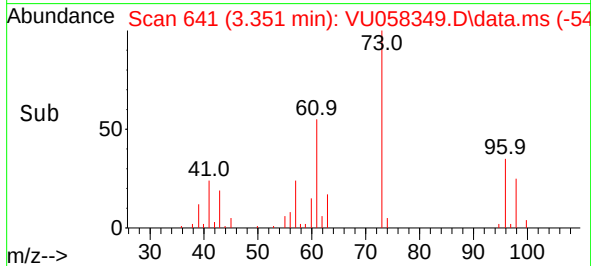


#17
Methyl tert-butyl Ether
Concen: 4.435 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

Instrument :
MSVOA_U
ClientSampleId :

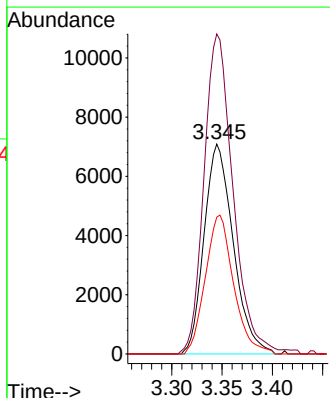
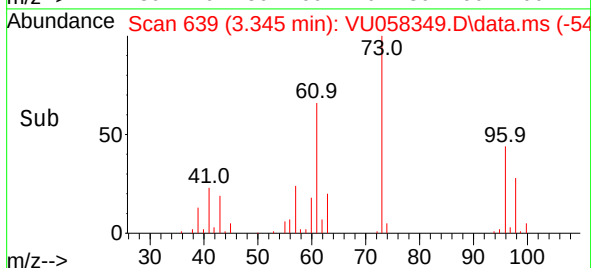
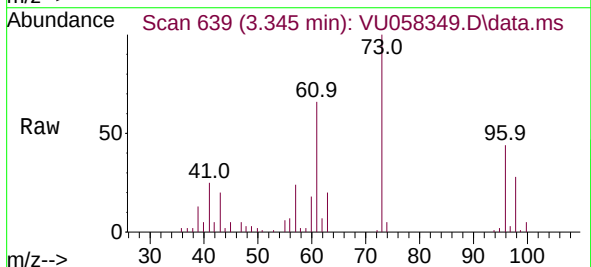


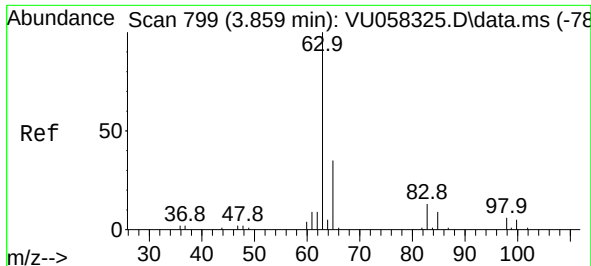
Tgt Ion: 73 Resp: 41706
Ion Ratio Lower Upper
73 100
43 19.8 15.5 23.3
57 23.1 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 3.906 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

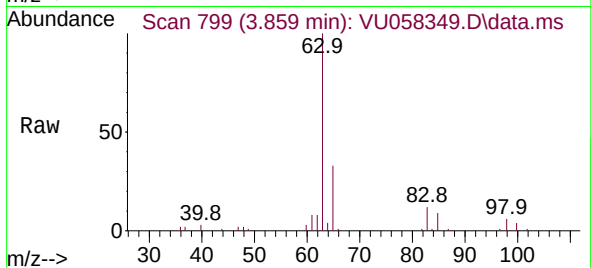
Tgt Ion: 96 Resp: 14304
Ion Ratio Lower Upper
96 100
61 152.5 102.5 190.3
98 65.2 44.0 81.8



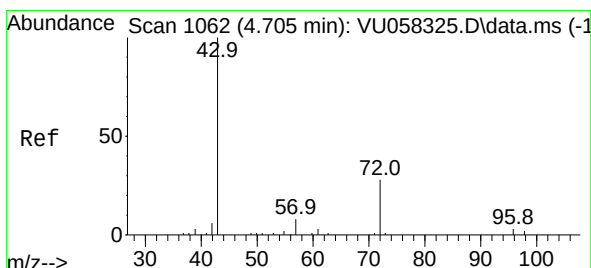
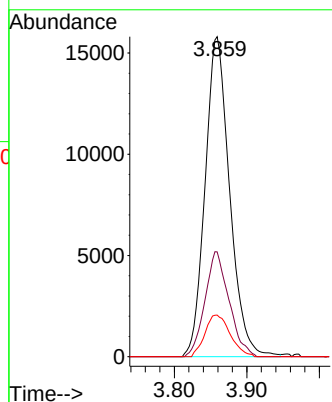
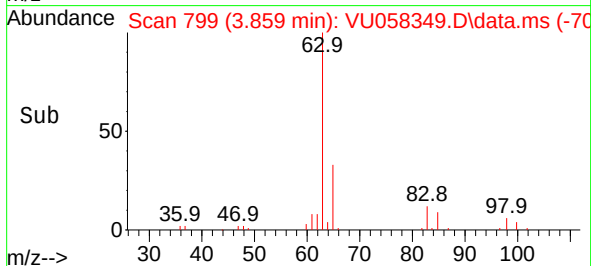


#19
1,1-Dichloroethane
Concen: 4.517 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

Instrument :
MSVOA_U
ClientSampleId :

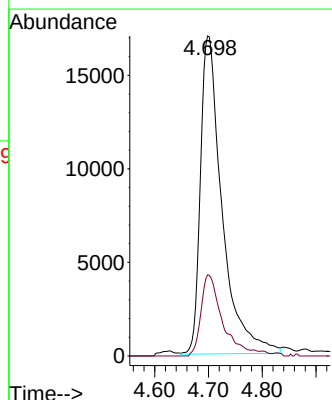
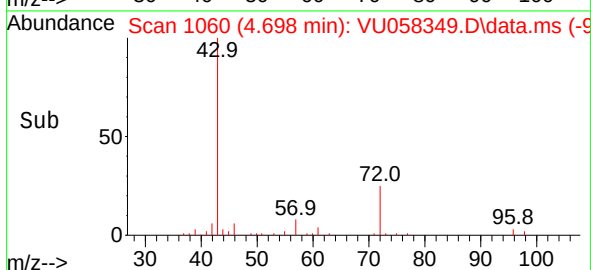
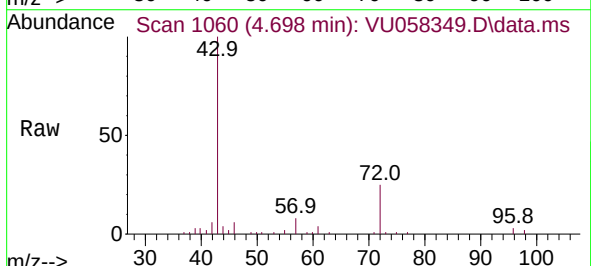


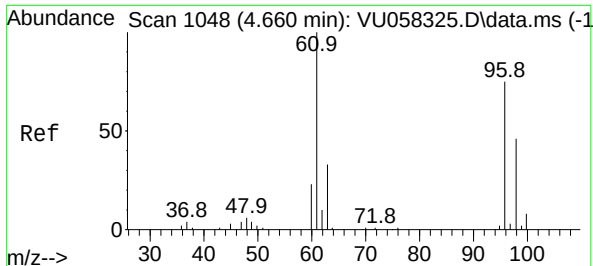
Tgt Ion: 63 Resp: 37170
Ion Ratio Lower Upper
63 100
65 32.7 22.3 41.5
83 13.0 10.0 18.6



#21
2-Butanone
Concen: 46.088 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

Tgt Ion: 43 Resp: 47554
Ion Ratio Lower Upper
43 100
72 25.2 14.0 41.9

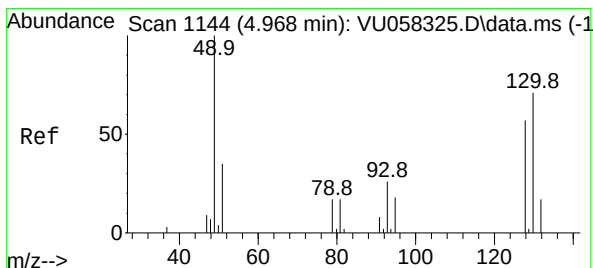
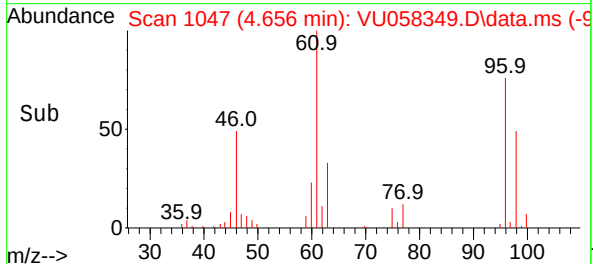
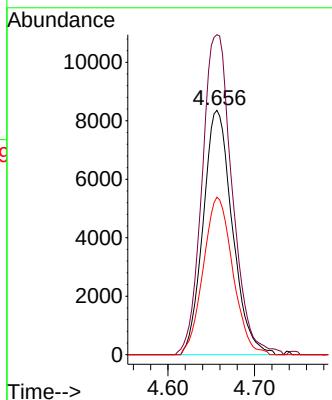
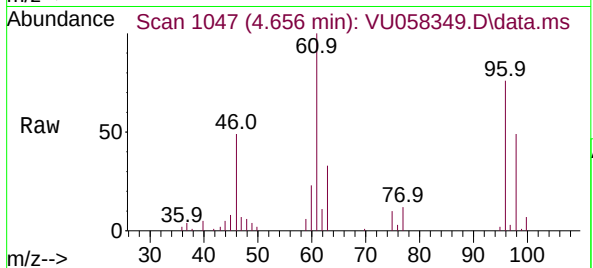




#22
 cis-1,2-Dichloroethene
 Concen: 4.325 ug/L
 RT: 4.656 min Scan# 1104
 Delta R.T. -0.003 min
 Lab File: VU058349.D
 Acq: 02 Apr 2024 20:04

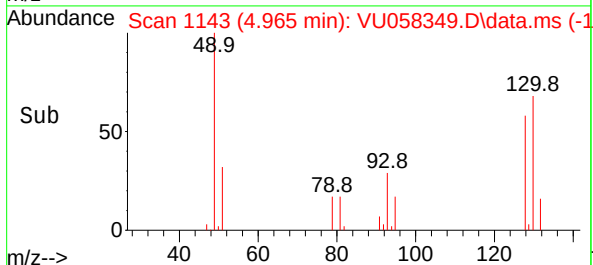
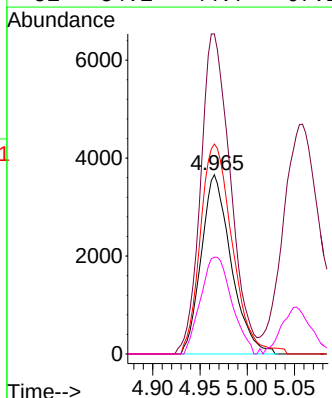
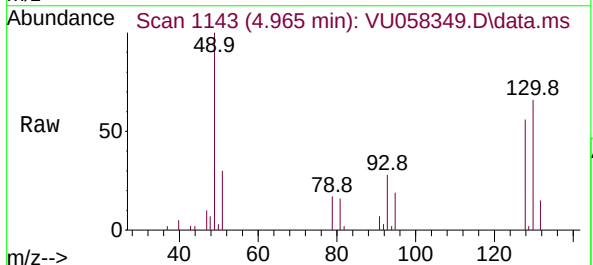
Instrument :
 MSVOA_U
 ClientSampleId :

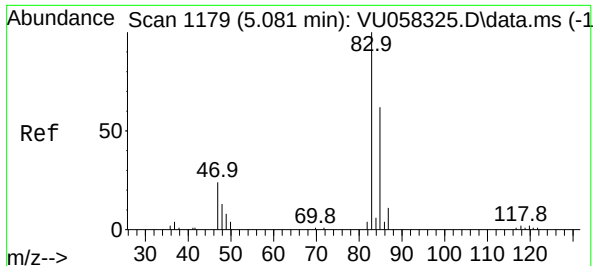
Tgt Ion: 96 Resp: 19570
 Ion Ratio Lower Upper
 96 100
 61 130.9 92.8 172.4
 98 64.4 43.2 80.2



#23
 Bromochloromethane
 Concen: 4.754 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU058349.D
 Acq: 02 Apr 2024 20:04

Tgt Ion: 128 Resp: 8027
 Ion Ratio Lower Upper
 128 100
 49 178.6 125.0 232.2
 130 117.2 92.3 171.5
 51 54.1 44.7 67.1





#25

Chloroform

Concen: 4.545 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU058349.D

Acq: 02 Apr 2024 20:04

Instrument :

MSVOA_U

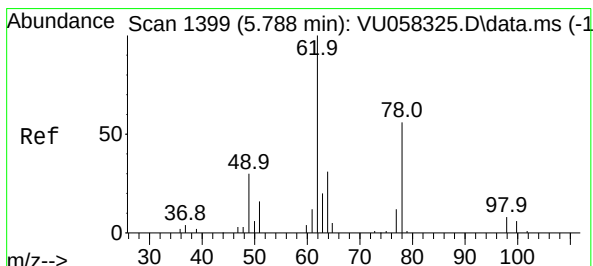
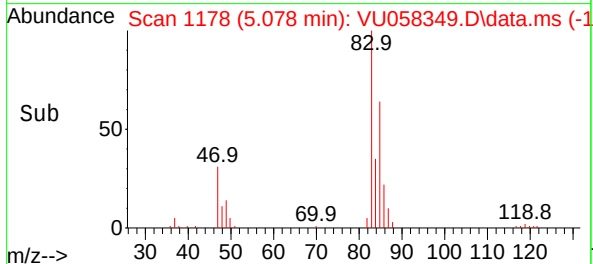
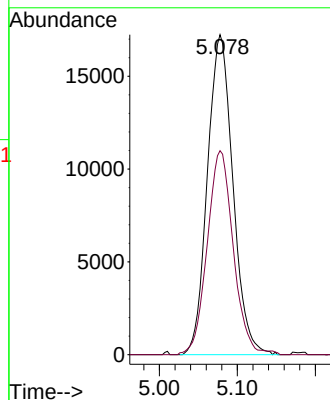
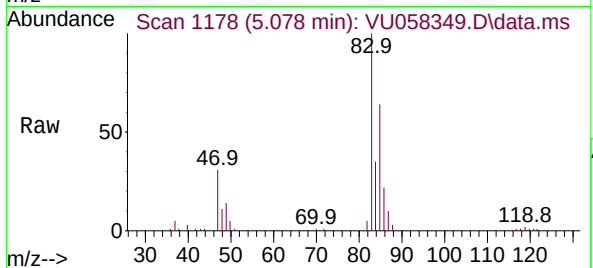
ClientSampleId :

Tgt Ion: 83 Resp: 39222

Ion Ratio Lower Upper

83 100

85 63.7 47.9 88.9



#27

1,2-Dichloroethane

Concen: 4.543 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU058349.D

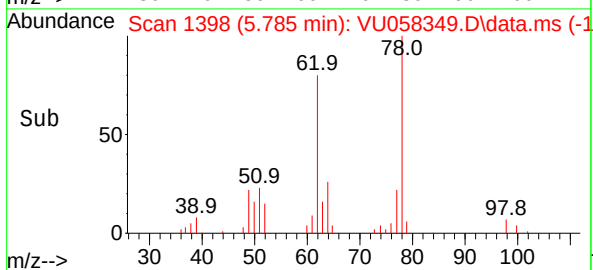
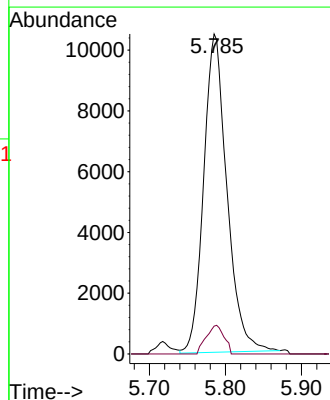
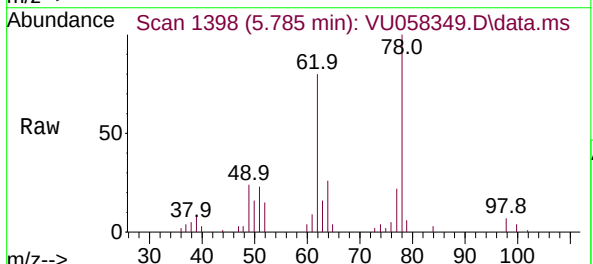
Acq: 02 Apr 2024 20:04

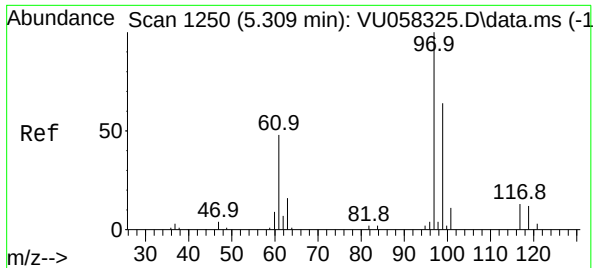
Tgt Ion: 62 Resp: 22258

Ion Ratio Lower Upper

62 100

98 8.7 6.6 10.0

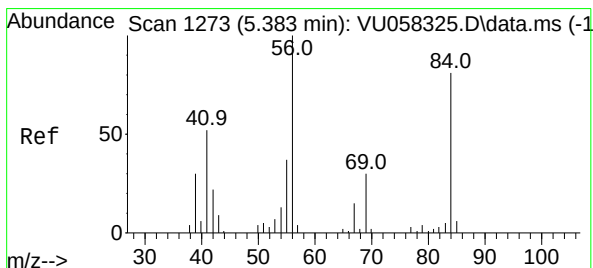
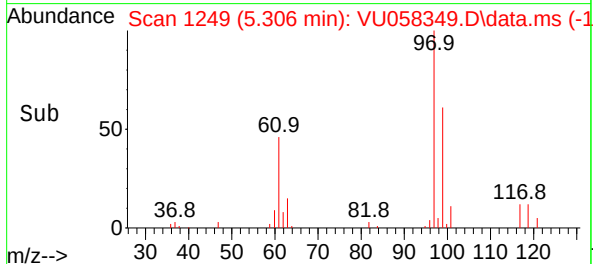
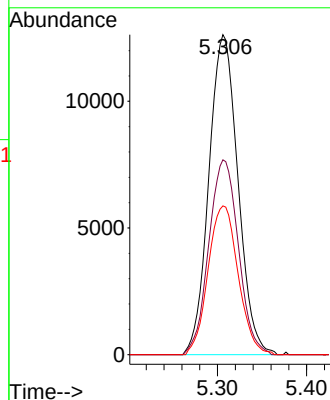
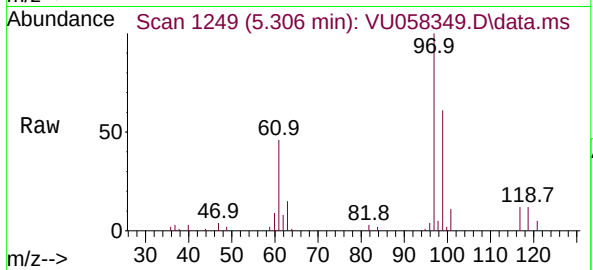




#29
1,1,1-Trichloroethane
Concen: 4.198 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

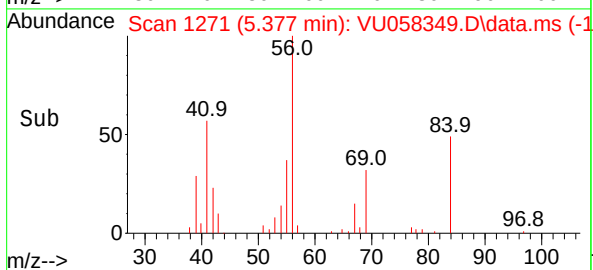
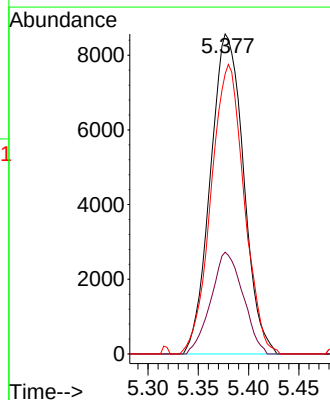
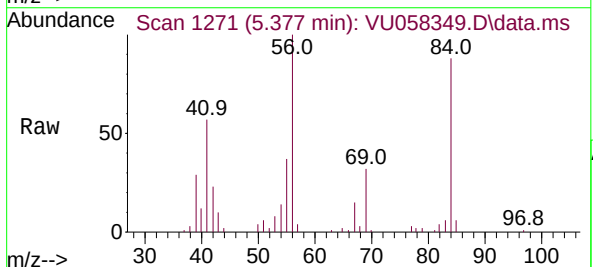
Instrument :
MSVOA_U
ClientSampleId :

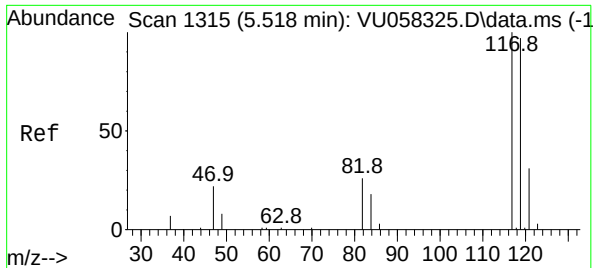
Tgt Ion:	97	Resp:	28633
Ion	Ratio	Lower	Upper
97	100		
99	62.1	50.5	75.7
61	48.1	36.3	54.5



#30
Cyclohexane
Concen: 3.301 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.006 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

Tgt Ion:	56	Resp:	19662
Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.2	36.2
84	90.0	69.7	104.5

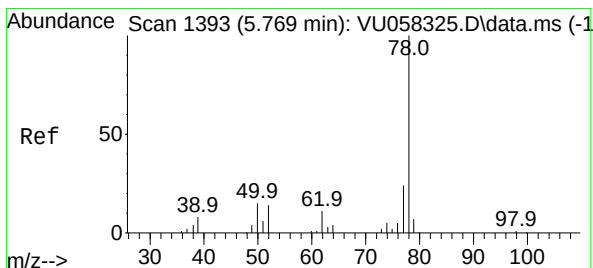
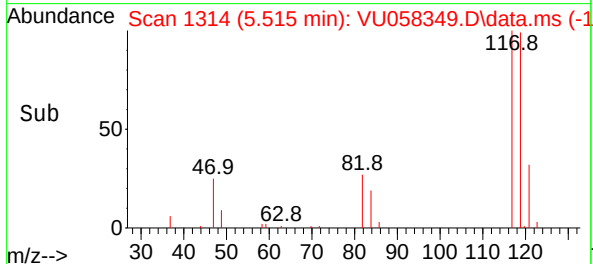
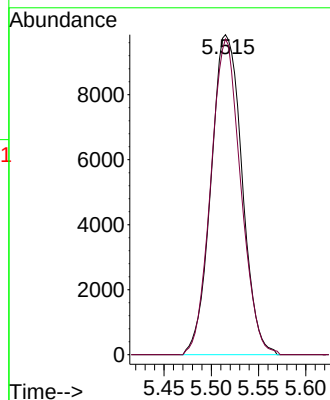
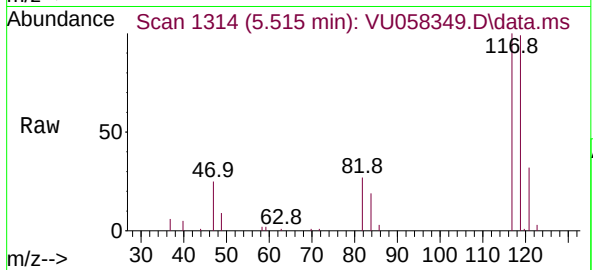




#31
Carbon tetrachloride
Concen: 3.855 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

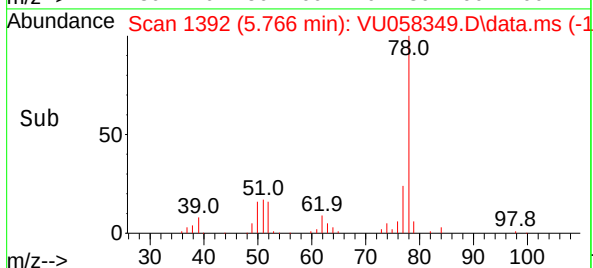
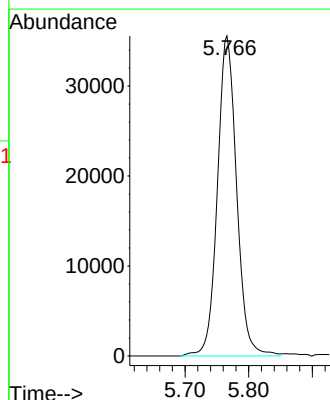
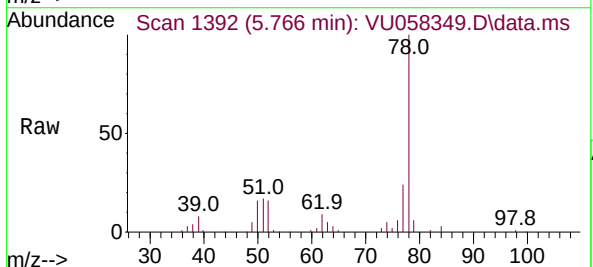
Instrument :
MSVOA_U
ClientSampleId :

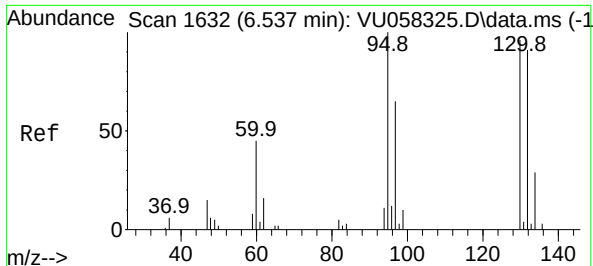
Tgt Ion:117 Resp: 22379
Ion Ratio Lower Upper
117 100
119 95.4 78.1 117.1



#33
Benzene
Concen: 4.306 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

Tgt Ion: 78 Resp: 74600

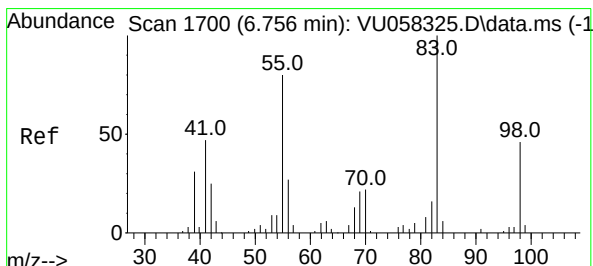
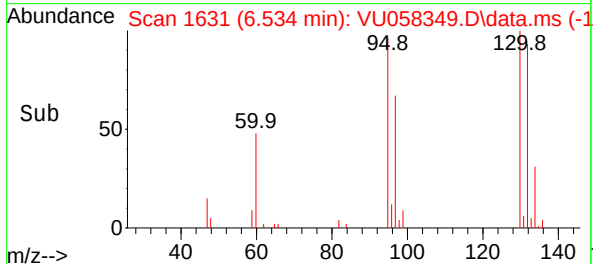
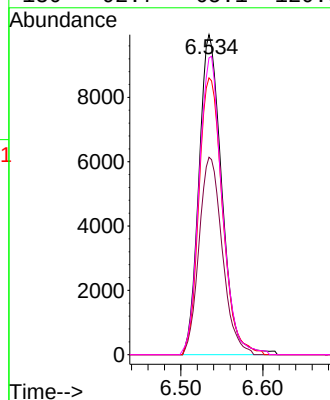
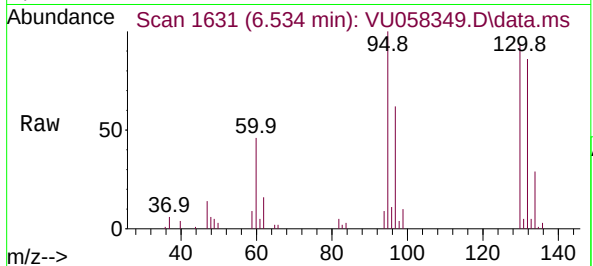




#34
Trichloroethene
Concen: 4.251 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

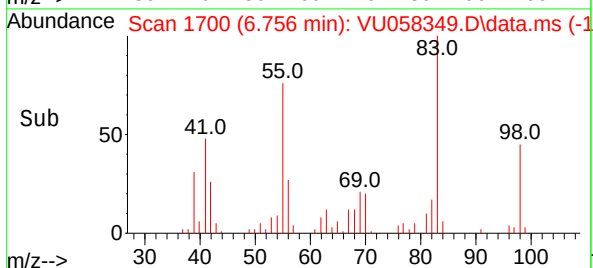
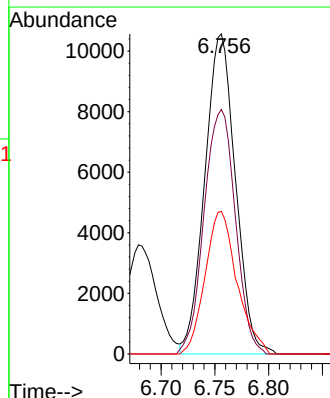
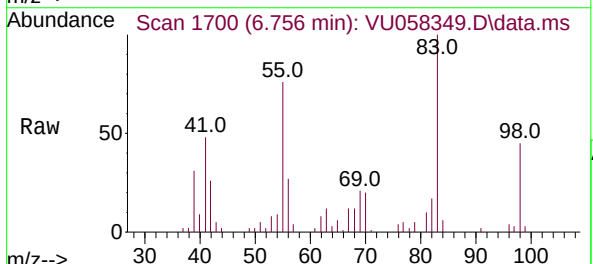
Instrument :
MSVOA_U
ClientSampleId :

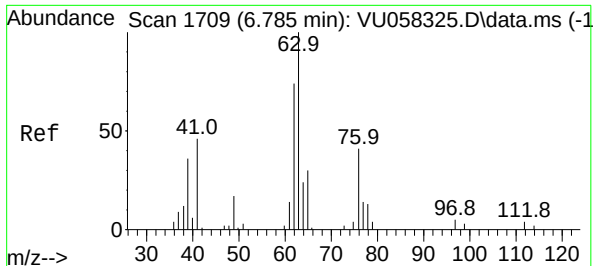
Tgt Ion: 95 Resp: 19188
Ion Ratio Lower Upper
95 100
97 61.7 47.7 88.7
132 86.5 63.6 118.2
130 92.7 65.1 120.9



#35
Methylcyclohexane
Concen: 3.327 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

Tgt Ion: 83 Resp: 20941
Ion Ratio Lower Upper
83 100
55 78.0 62.7 94.1
98 46.4 37.3 55.9

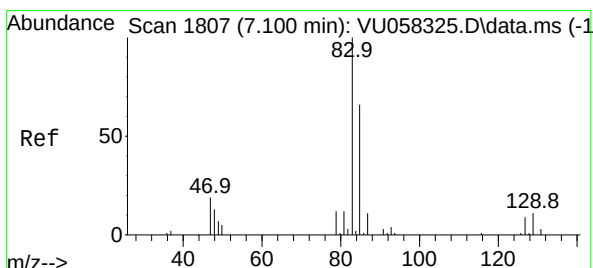
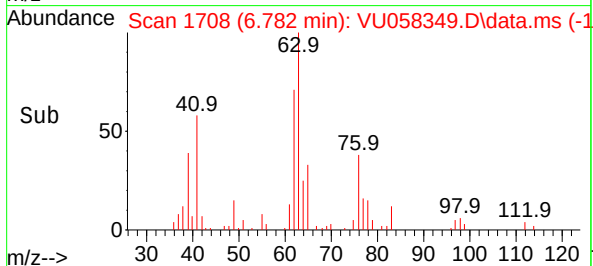
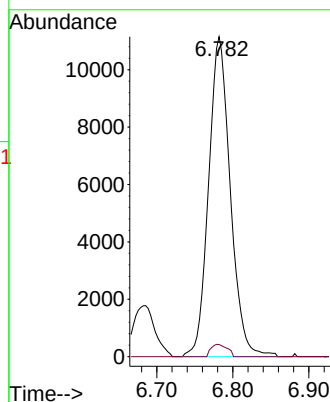
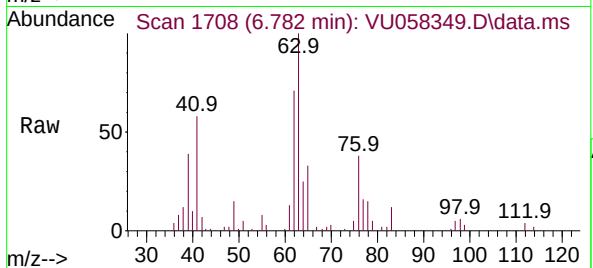




#37
1,2-Dichloropropane
Concen: 4.575 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

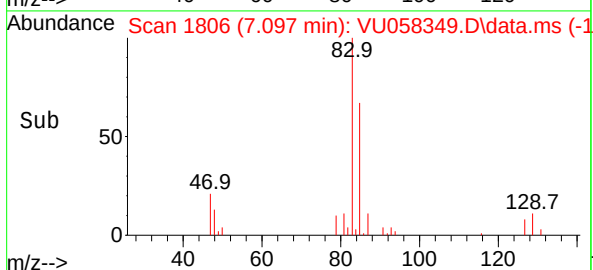
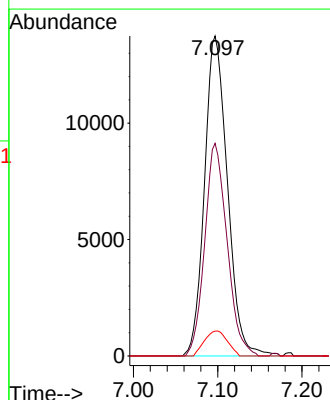
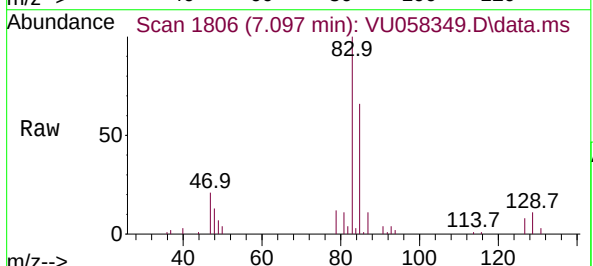
Instrument :
MSVOA_U
ClientSampleId :

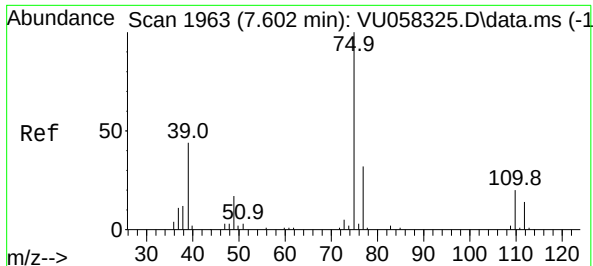
Tgt Ion: 63 Resp: 22138
Ion Ratio Lower Upper
63 100
112 2.9 2.7 4.1



#38
Bromodichloromethane
Concen: 4.700 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

Tgt Ion: 83 Resp: 26075
Ion Ratio Lower Upper
83 100
85 66.5 45.6 84.8
127 7.7 7.1 10.7

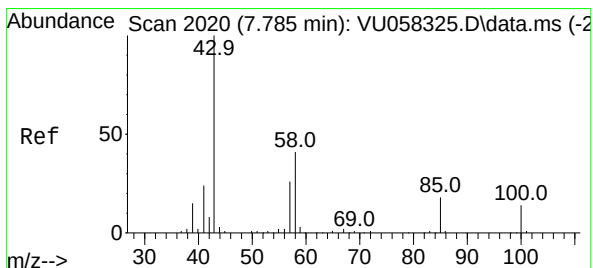
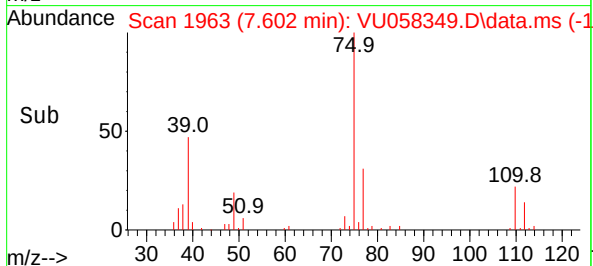
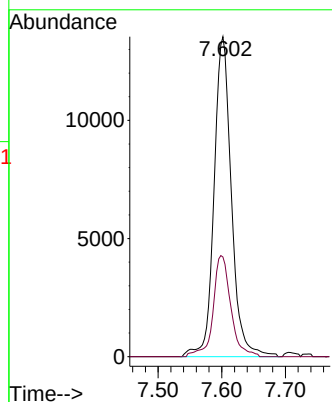
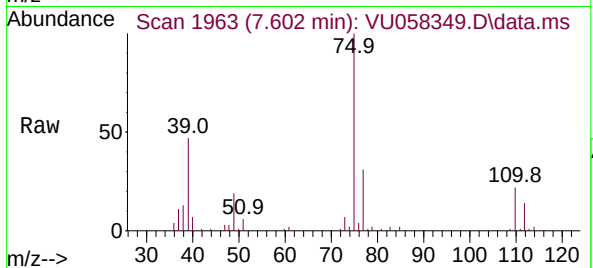




#39
cis-1,3-Dichloropropene
Concen: 4.182 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

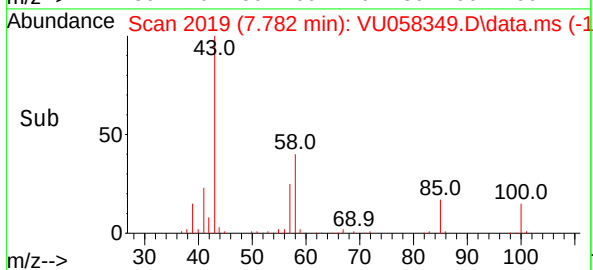
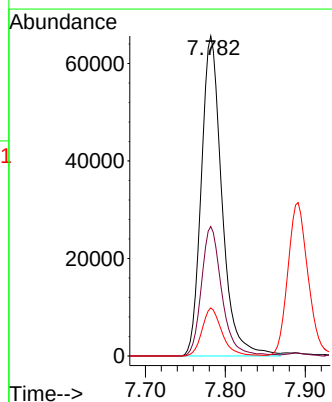
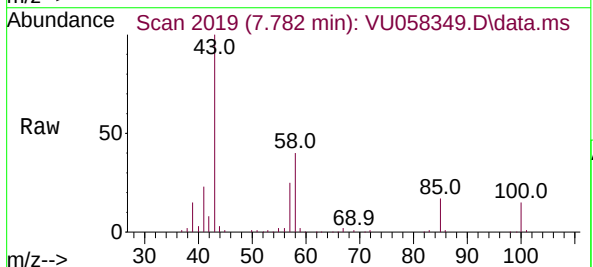
Instrument :
MSVOA_U
ClientSampleId :

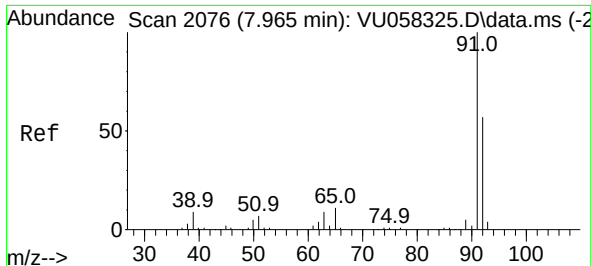
Tgt Ion: 75 Resp: 25670
Ion Ratio Lower Upper
75 100
77 31.1 21.4 39.8



#40
4-Methyl-2-pentanone
Concen: 48.253 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. -0.003 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

Tgt Ion: 43 Resp: 118078
Ion Ratio Lower Upper
43 100
58 40.2 33.2 49.8
100 14.5 11.5 17.3





#42

Toluene

Concen: 4.193 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU058349.D

Acq: 02 Apr 2024 20:04

Instrument :

MSVOA_U

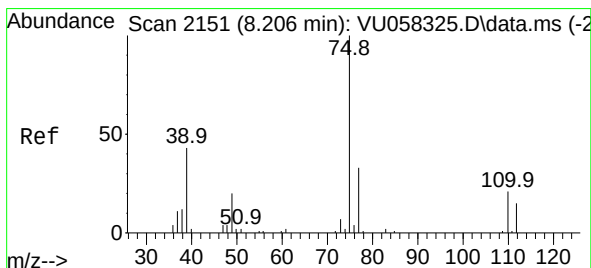
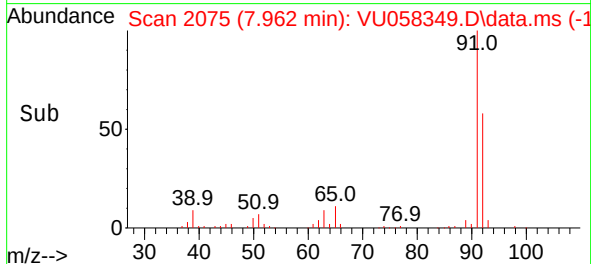
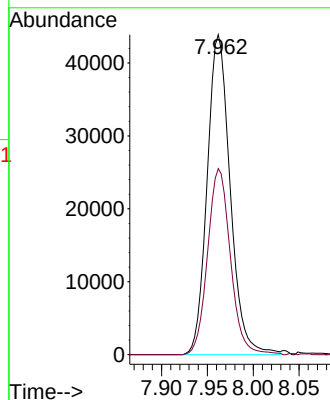
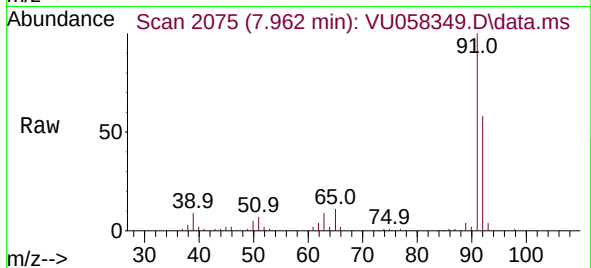
ClientSampleId :

Tgt Ion: 91 Resp: 76753

Ion Ratio Lower Upper

91 100

92 58.1 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.334 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU058349.D

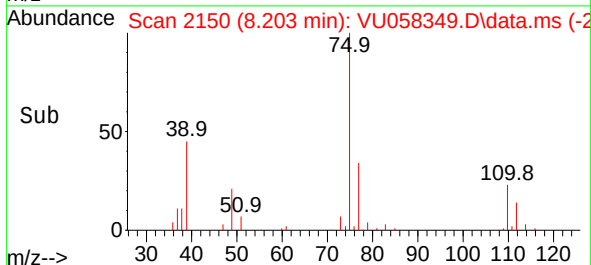
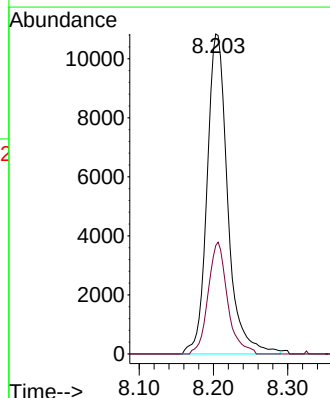
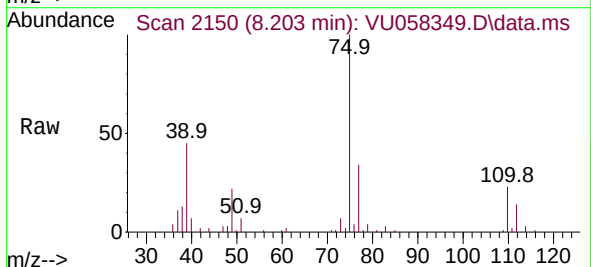
Acq: 02 Apr 2024 20:04

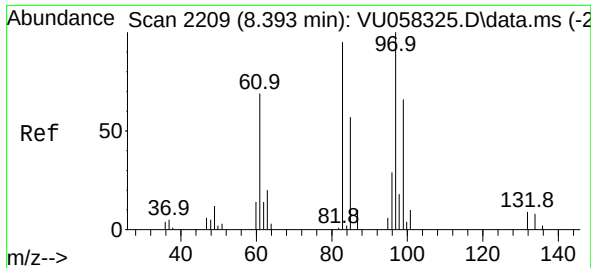
Tgt Ion: 75 Resp: 20931

Ion Ratio Lower Upper

75 100

77 33.9 21.7 40.3

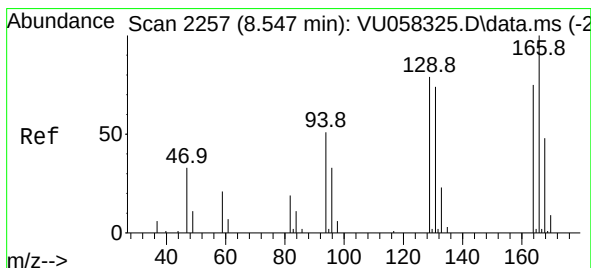
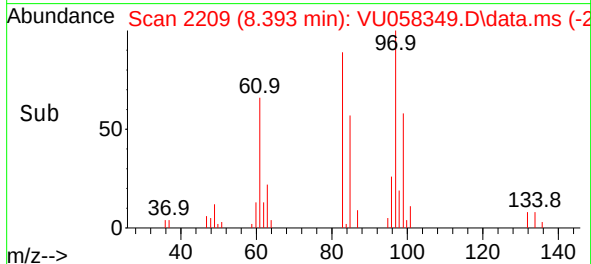
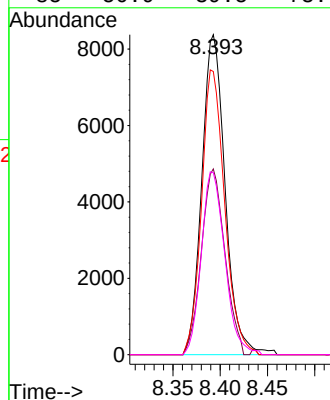
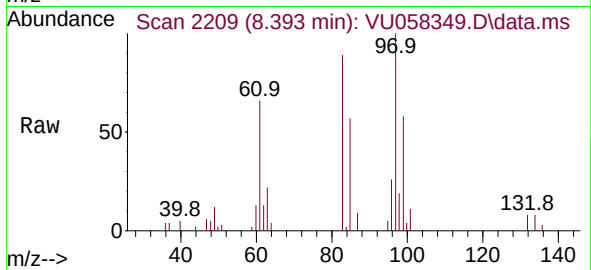




#45
1,1,2-Trichloroethane
Concen: 4.722 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

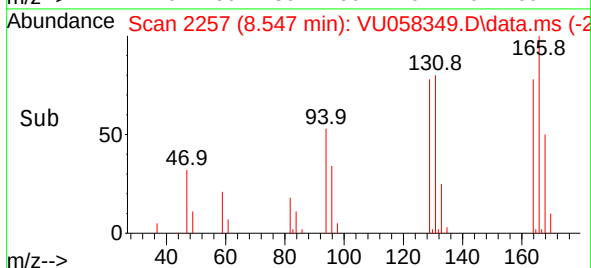
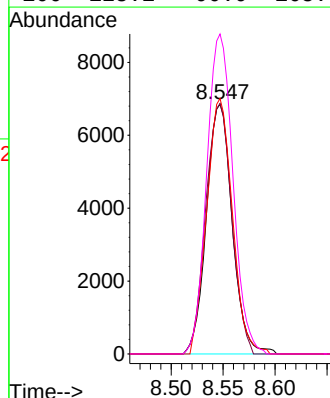
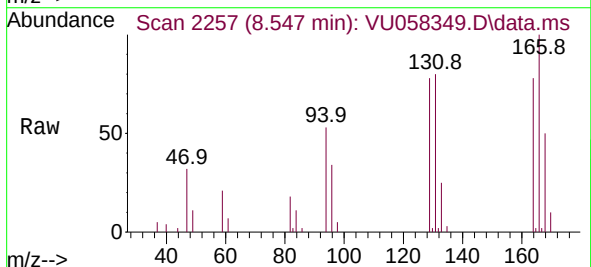
Instrument :
MSVOA_U
ClientSampleId :

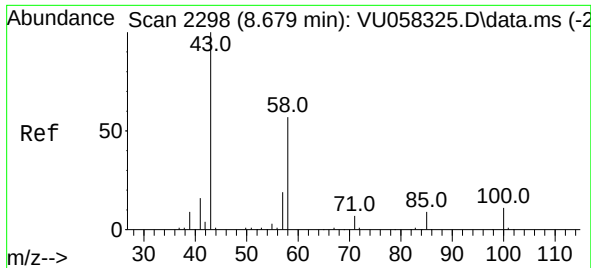
Tgt Ion: 97	Resp: 14393
Ion Ratio	Lower Upper
97 100	
99 58.1	44.5 82.7
83 88.5	64.1 119.1
85 56.9	39.5 73.4



#47
Tetrachloroethene
Concen: 3.915 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

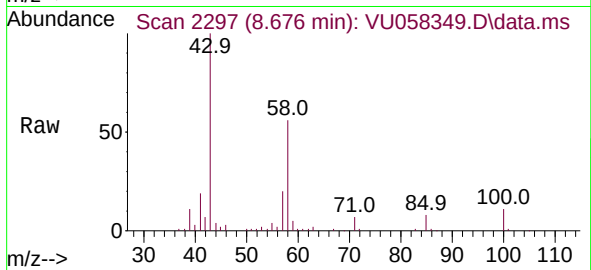
Tgt	Ion:164	Resp:	11834
Ion	Ratio	Lower	Upper
164	100		
129	100.3	71.3	132.3
131	102.2	70.8	131.4
166	128.1	90.9	168.9



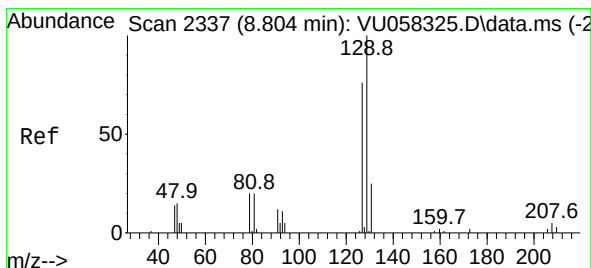
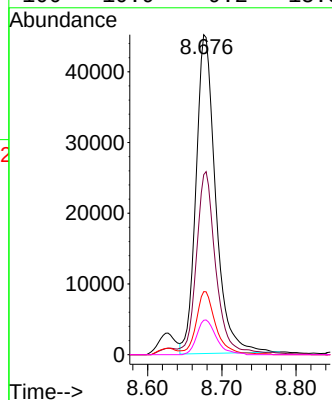
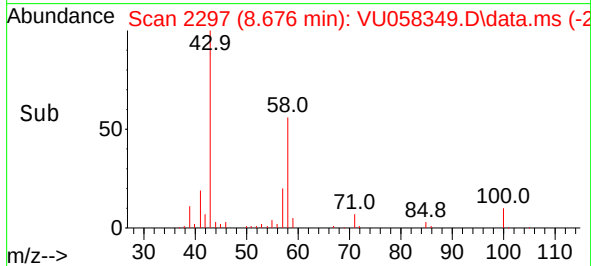


#48
2-Hexanone
Concen: 46.560 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

Instrument :
MSVOA_U
ClientSampleId :

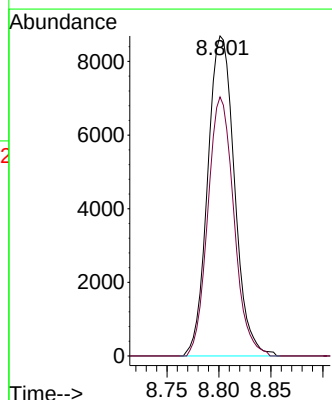
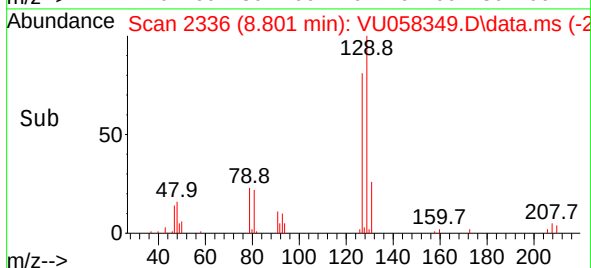
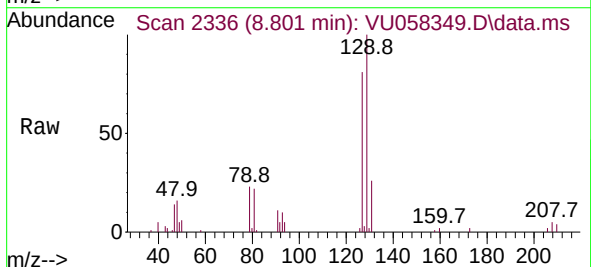


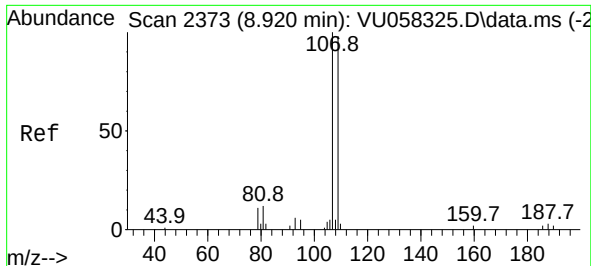
Tgt Ion: 43	Resp: 82973
Ion Ratio	Lower Upper
43 100	
58 55.2	48.3 72.5
57 20.0	16.3 24.5
100 10.9	9.2 13.8



#49
Dibromochloromethane
Concen: 4.680 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

Tgt Ion:129	Resp: 15609
Ion Ratio	Lower Upper
129 100	
127 81.0	55.7 103.5





#50

1,2-Dibromoethane

Concen: 4.541 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.003 min

Lab File: VU058349.D

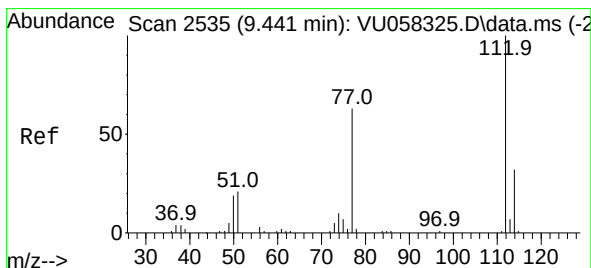
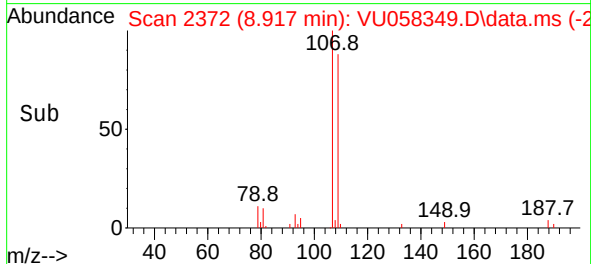
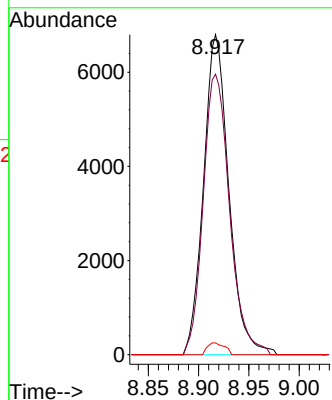
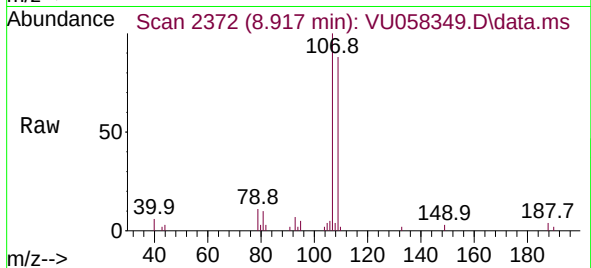
Acq: 02 Apr 2024 20:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	11917
Ion	Ratio	Lower Upper
107	100	
109	87.6	67.8 125.8
188	3.7	2.5 3.7



#51

Chlorobenzene

Concen: 4.246 ug/L

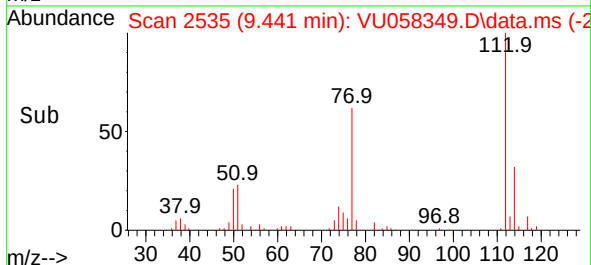
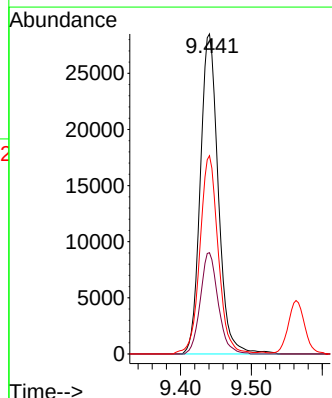
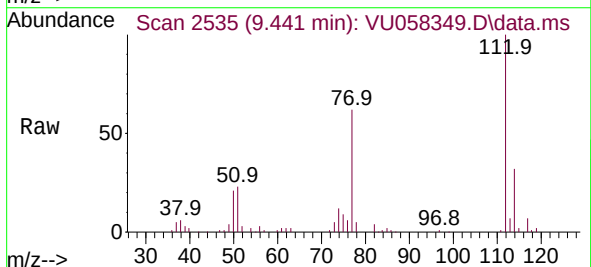
RT: 9.441 min Scan# 2535

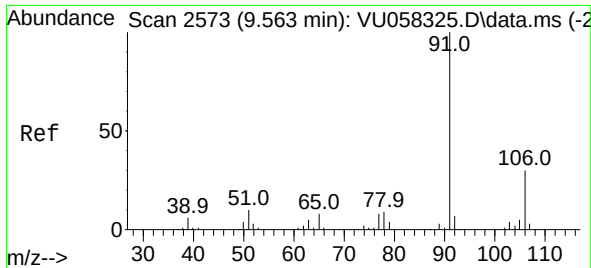
Delta R.T. 0.000 min

Lab File: VU058349.D

Acq: 02 Apr 2024 20:04

Tgt Ion:112	Resp:	50074
Ion	Ratio	Lower Upper
112	100	
114	31.6	22.7 42.3
77	61.9	48.9 73.3

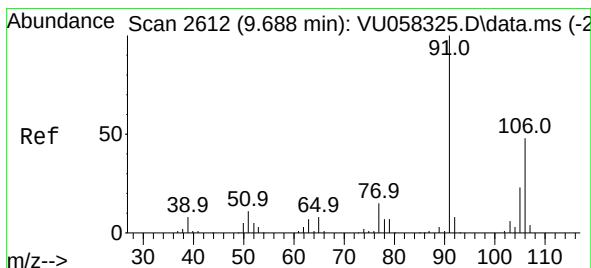
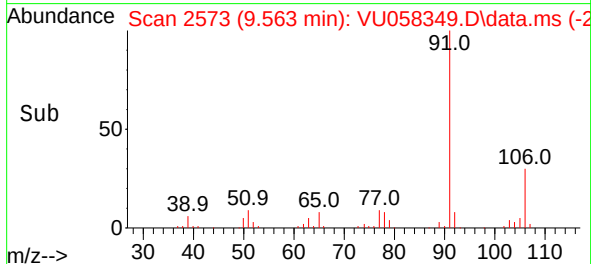
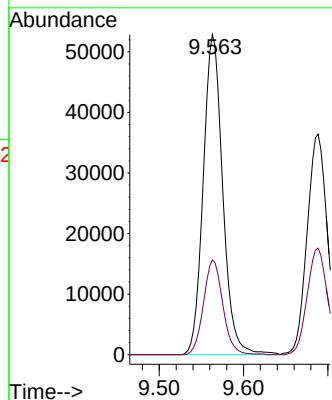
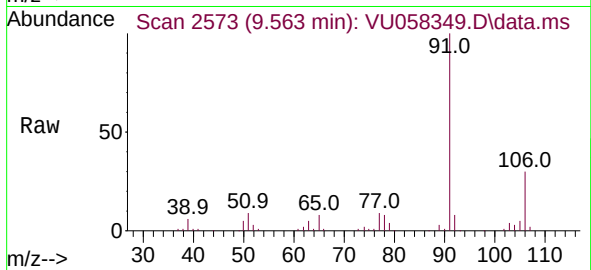




#52
Ethylbenzene
Concen: 4.167 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

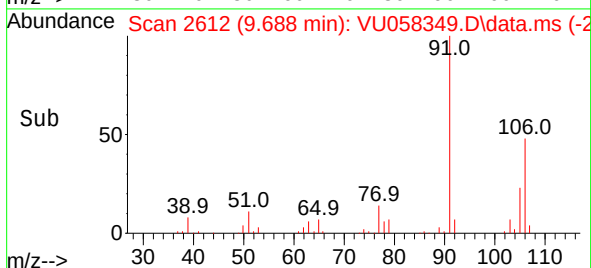
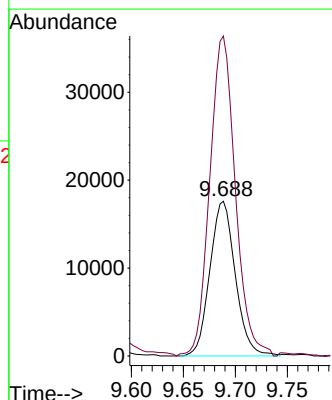
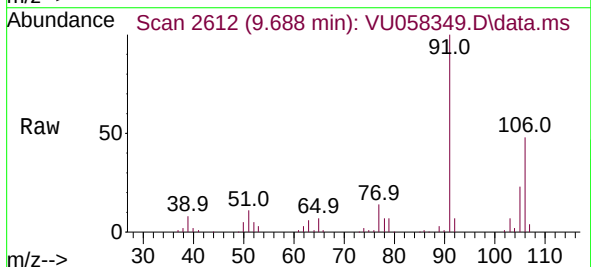
Instrument :
MSVOA_U
ClientSampleId :

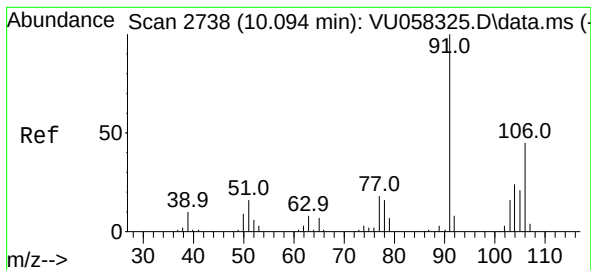
Tgt Ion: 91 Resp: 85167
Ion Ratio Lower Upper
91 100
106 29.6 20.6 38.2



#53
m,p-Xylene
Concen: 4.115 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

Tgt Ion:106 Resp: 29969
Ion Ratio Lower Upper
106 100
91 206.9 151.0 280.4





#54

o-Xylene

Concen: 4.200 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU058349.D

Acq: 02 Apr 2024 20:04

Instrument :

MSVOA_U

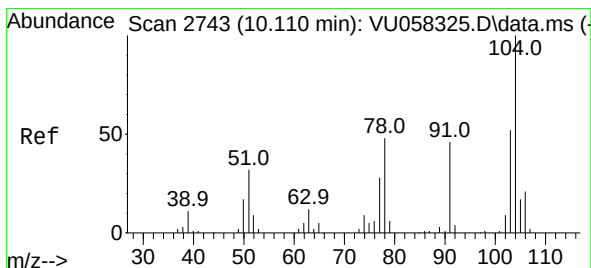
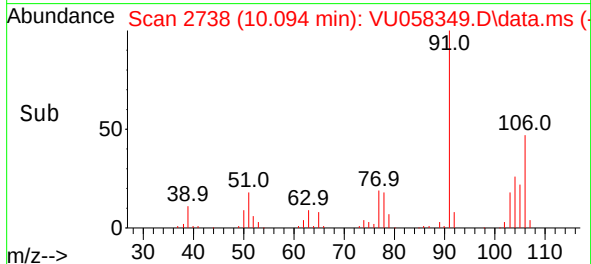
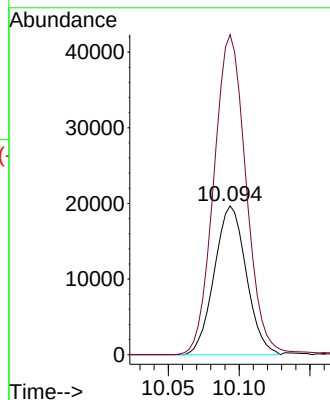
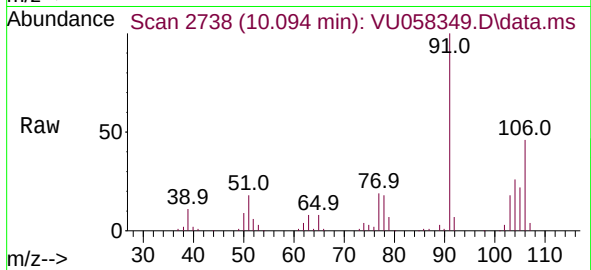
ClientSampleId :

Tgt Ion:106 Resp: 30875

Ion Ratio Lower Upper

106 100

91 215.1 154.3 286.7



#55

Styrene

Concen: 4.364 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.003 min

Lab File: VU058349.D

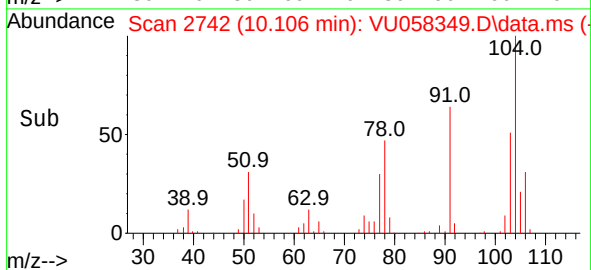
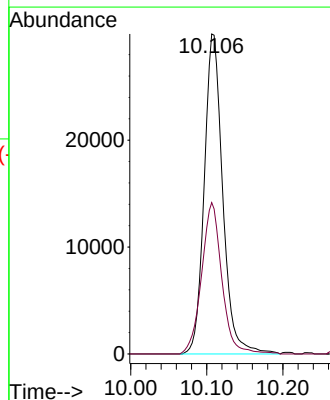
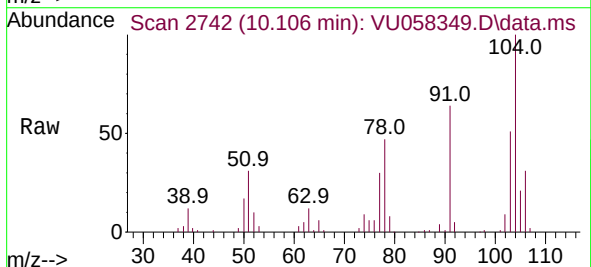
Acq: 02 Apr 2024 20:04

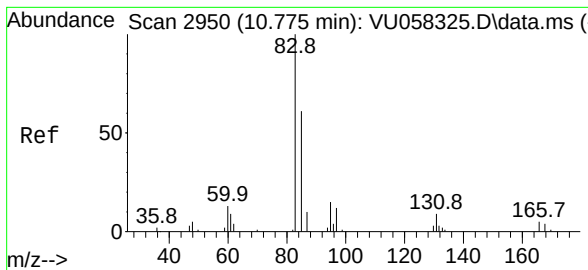
Tgt Ion:104 Resp: 50651

Ion Ratio Lower Upper

104 100

78 47.3 34.5 64.1

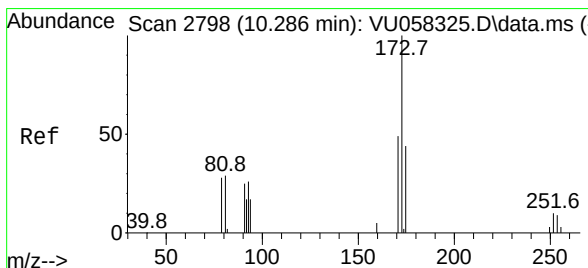
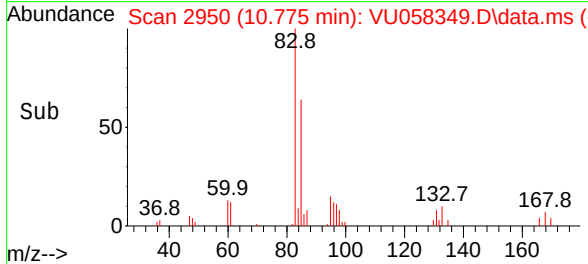
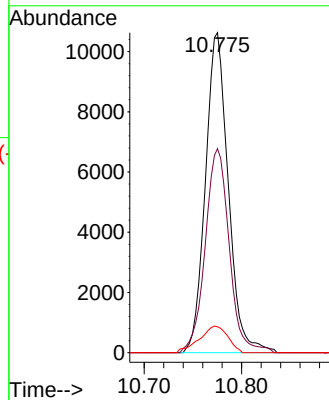
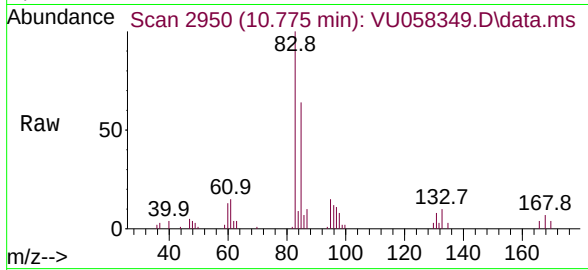




#57
1,1,2,2-Tetrachloroethane
Concen: 4.825 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

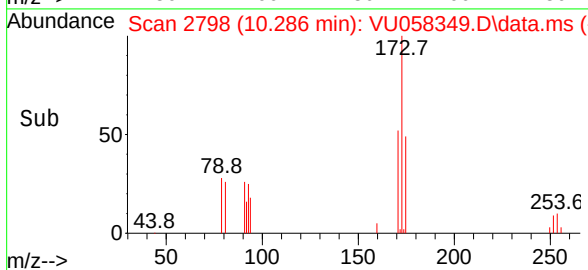
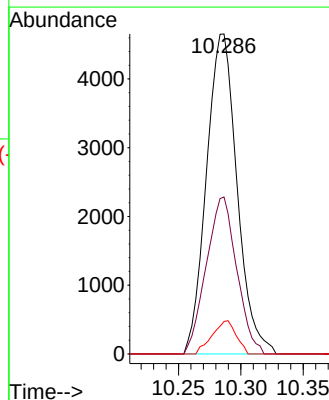
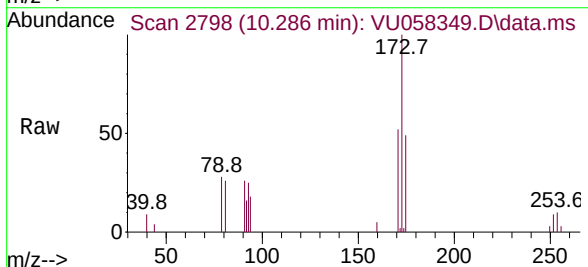
Instrument :
MSVOA_U
ClientSampleId :

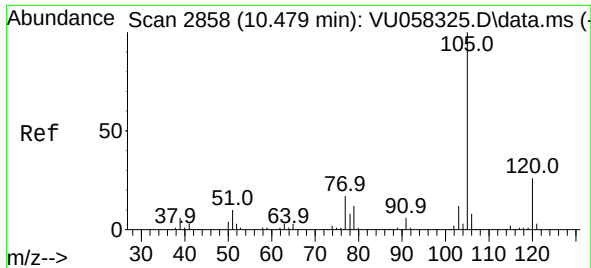
Tgt Ion: 83 Resp: 17337
Ion Ratio Lower Upper
83 100
85 63.8 44.7 82.9
131 8.1 7.0 10.6



#59
Bromoform
Concen: 4.643 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

Tgt Ion:173 Resp: 7949
Ion Ratio Lower Upper
173 100
175 48.8 40.9 61.3
254 8.1 5.8 8.8

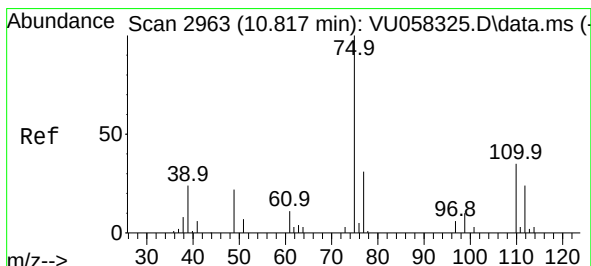
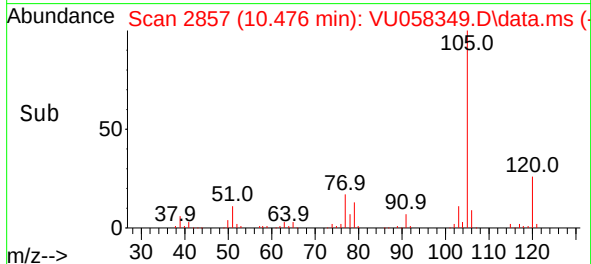
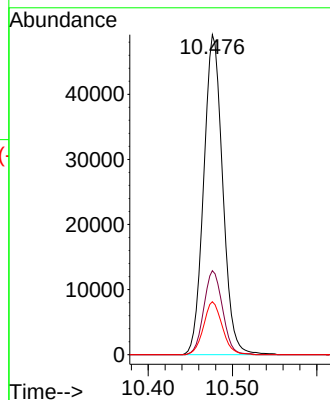
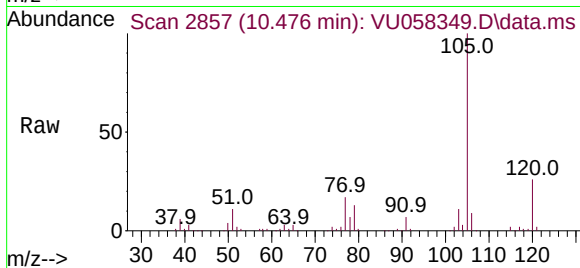




#60
Isopropylbenzene
Concen: 3.942 ug/L
RT: 10.476 min Scan# 2858
Delta R.T. -0.003 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

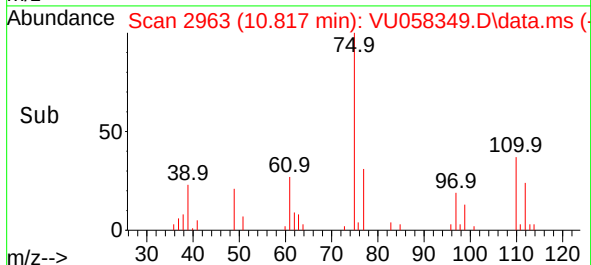
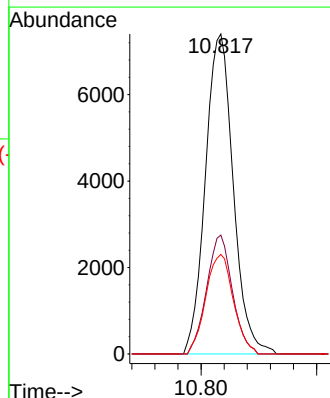
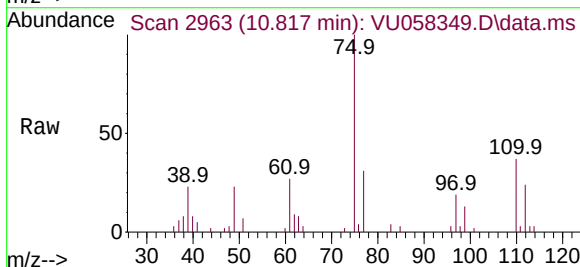
Instrument :
MSVOA_U
ClientSampleId :

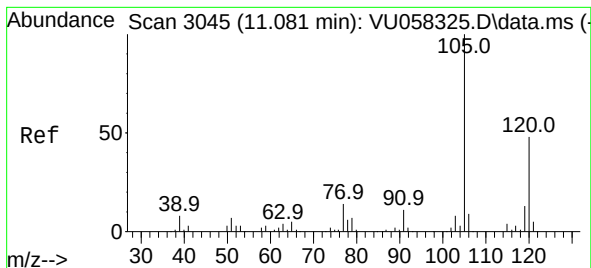
Tgt Ion:105 Resp: 77206
Ion Ratio Lower Upper
105 100
120 25.9 20.5 30.7
77 16.3 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.537 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

Tgt Ion: 75 Resp: 12387
Ion Ratio Lower Upper
75 100
110 34.3 28.1 42.1
77 30.8 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 3.856 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU058349.D

Acq: 02 Apr 2024 20:04

Instrument :

MSVOA_U

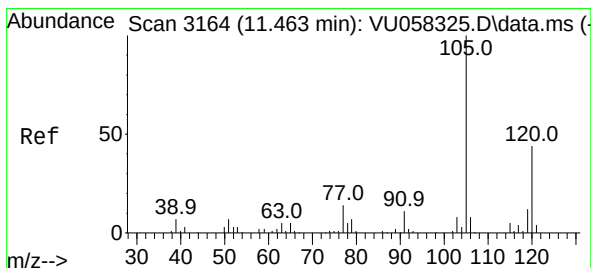
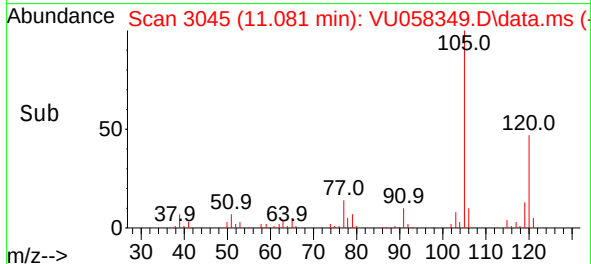
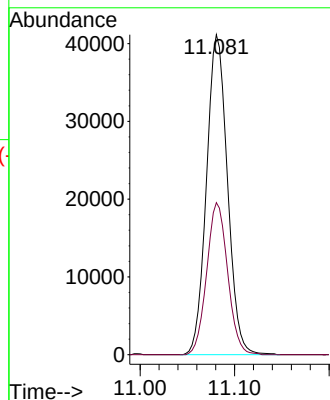
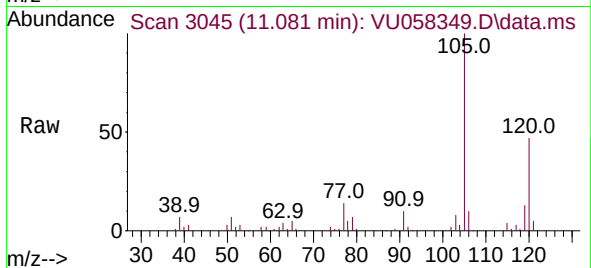
ClientSampleId :

Tgt Ion:105 Resp: 63390

Ion Ratio Lower Upper

105 100

120 47.4 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 3.949 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU058349.D

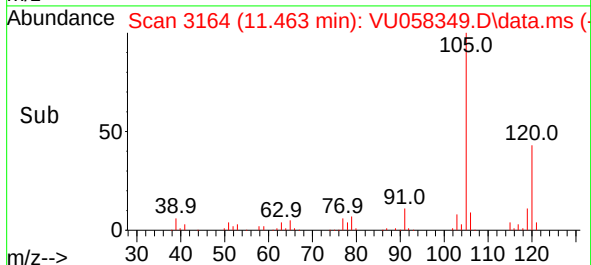
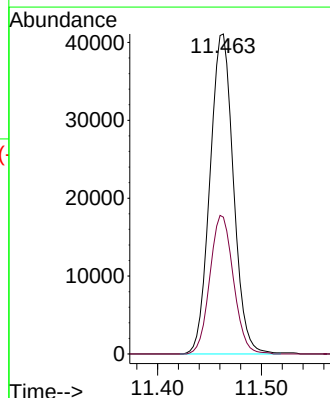
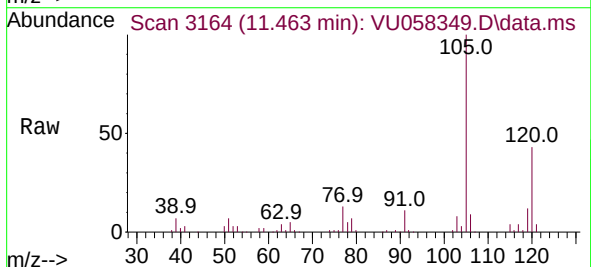
Acq: 02 Apr 2024 20:04

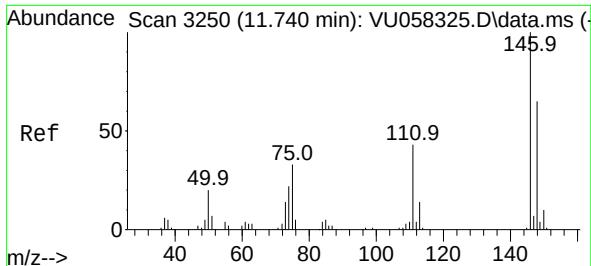
Tgt Ion:105 Resp: 64474

Ion Ratio Lower Upper

105 100

120 43.4 35.9 53.9

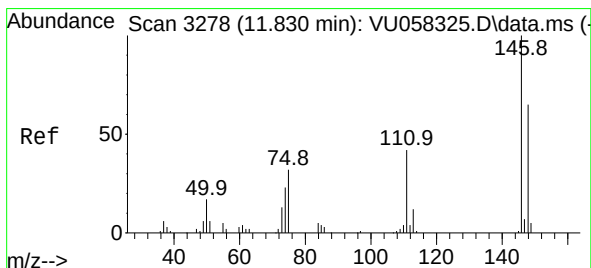
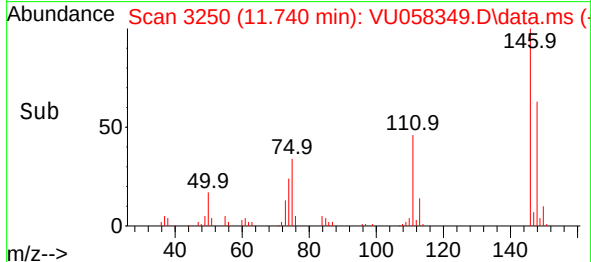
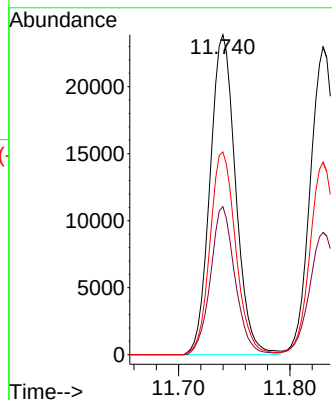
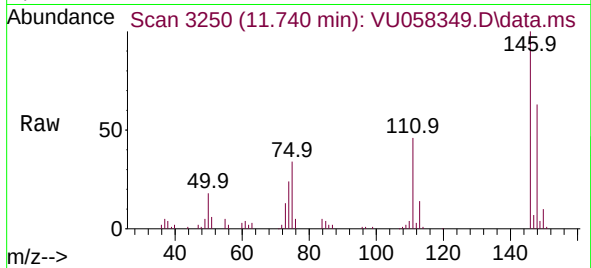




#64
1,3-Dichlorobenzene
Concen: 4.176 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

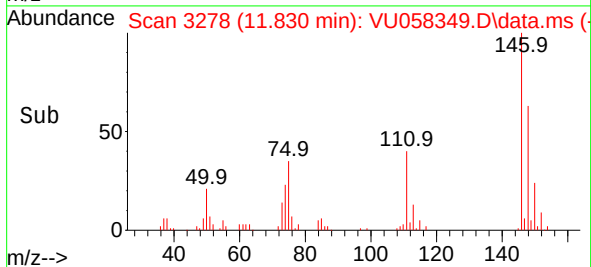
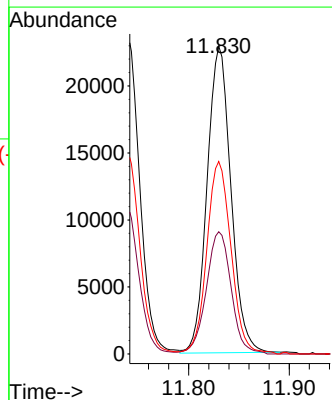
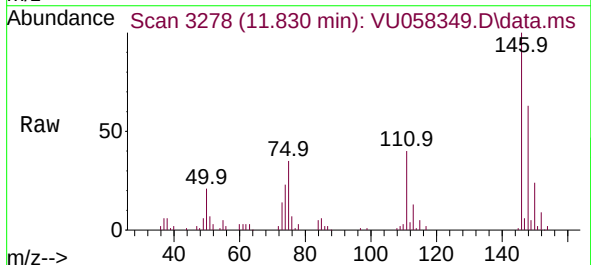
Instrument :
MSVOA_U
ClientSampleId :

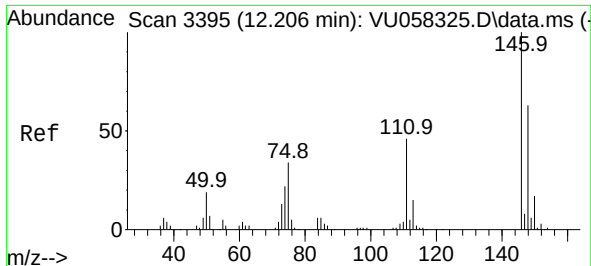
Tgt Ion:146 Resp: 38093
Ion Ratio Lower Upper
146 100
111 46.2 29.9 55.5
148 63.4 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 4.271 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

Tgt Ion:146 Resp: 37651
Ion Ratio Lower Upper
146 100
111 39.7 29.0 53.8
148 62.5 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 4.278 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058349.D

Acq: 02 Apr 2024 20:04

Instrument :

MSVOA_U

ClientSampleId :

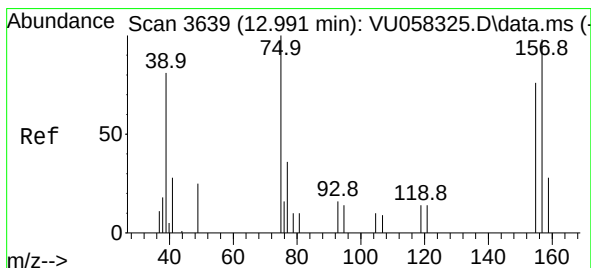
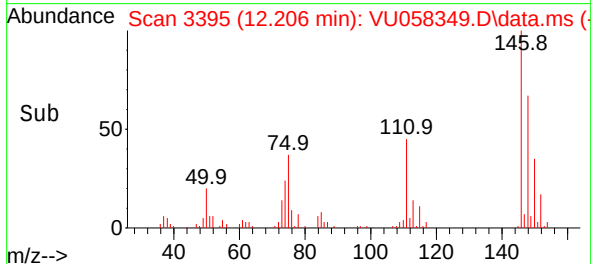
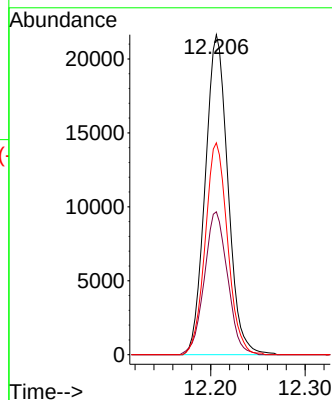
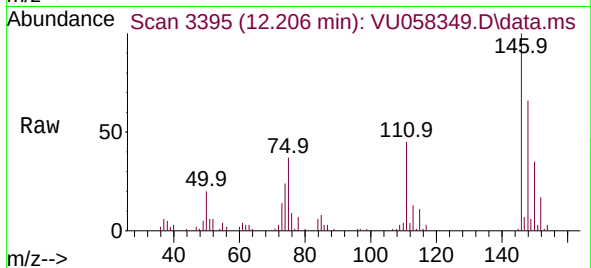
Tgt Ion:146 Resp: 36082

Ion Ratio Lower Upper

146 100

111 44.6 35.9 53.9

148 66.2 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.220 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU058349.D

Acq: 02 Apr 2024 20:04

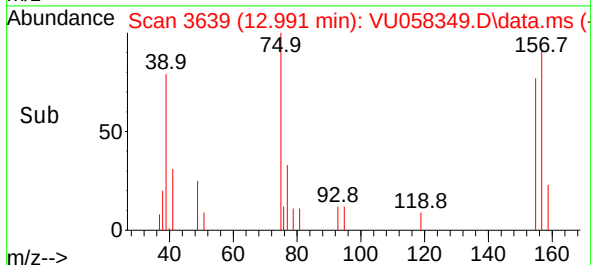
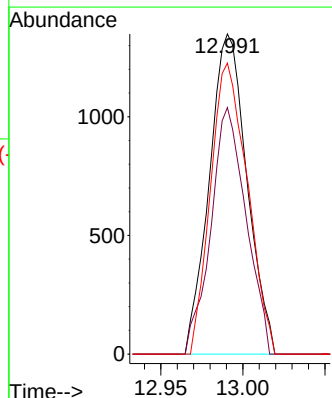
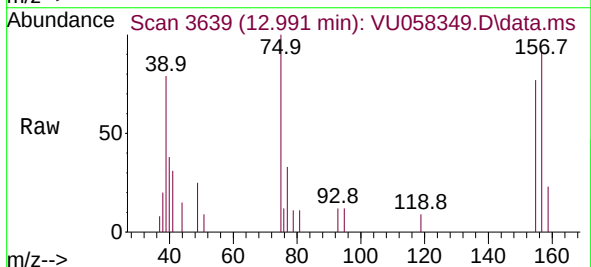
Tgt Ion: 75 Resp: 2149

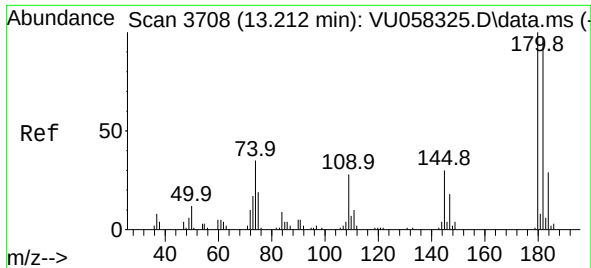
Ion Ratio Lower Upper

75 100

155 77.0 60.2 90.2

157 90.9 82.6 123.8





#69

1,3,5-Trichlorobenzene

Concen: 4.194 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.000 min

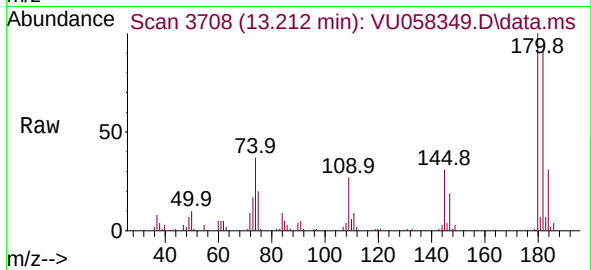
Lab File: VU058349.D

Acq: 02 Apr 2024 20:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 26748

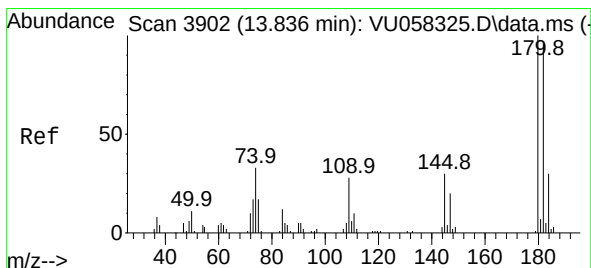
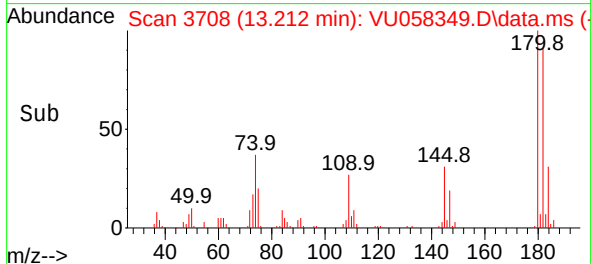
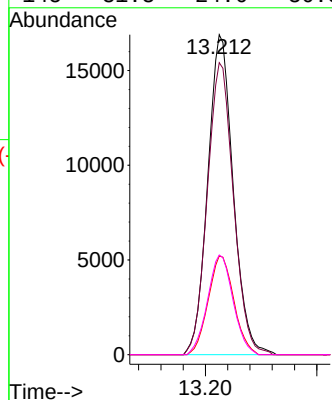
Ion Ratio Lower Upper

180 100

182 93.6 75.4 113.0

184 31.1 24.8 37.2

145 31.3 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 4.379 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU058349.D

Acq: 02 Apr 2024 20:04

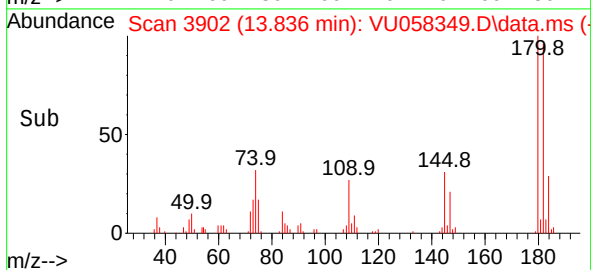
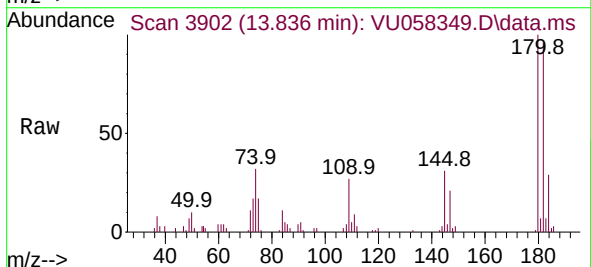
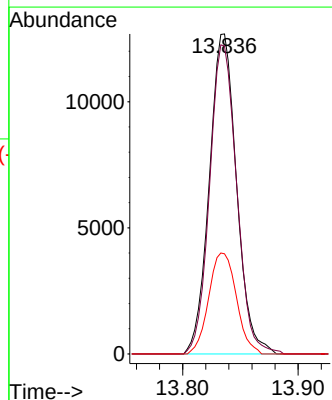
Tgt Ion:180 Resp: 20830

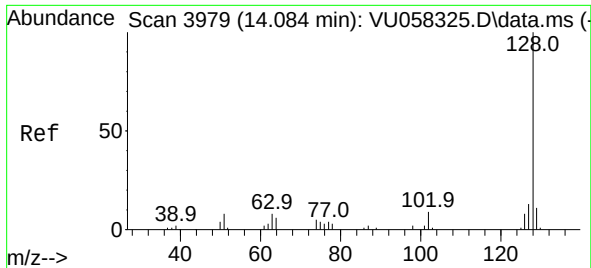
Ion Ratio Lower Upper

180 100

182 95.7 74.5 111.7

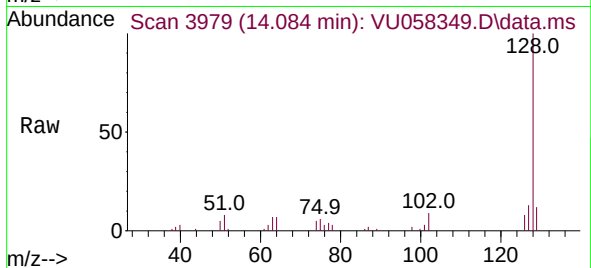
145 32.0 24.5 36.7



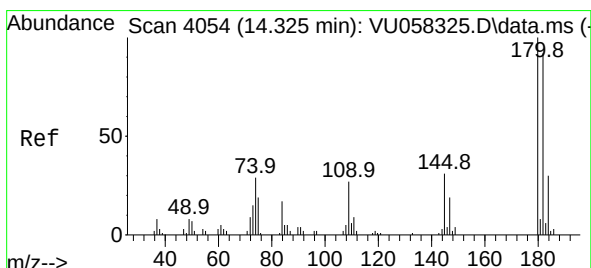
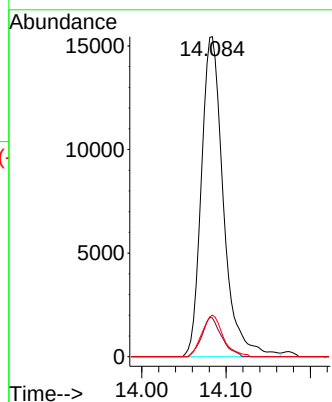
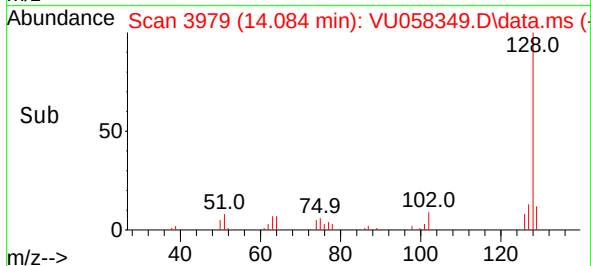


#71
Naphthalene
Concen: 4.340 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04

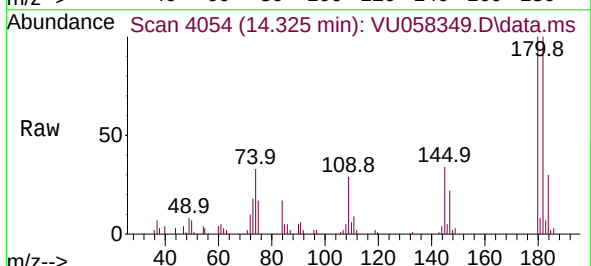
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 28116
Ion Ratio Lower Upper
128 100
129 11.1 8.1 12.1
127 12.5 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.530 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU058349.D
Acq: 02 Apr 2024 20:04



Tgt Ion:180 Resp: 17645
Ion Ratio Lower Upper
180 100
182 96.7 74.4 111.6
145 33.7 26.3 39.5

