

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040224\
 Data File : VU058325.D
 Acq On : 02 Apr 2024 08:57
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 03 01:49:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 02 02:24:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	73929	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	70375	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33493	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	25294	4.049	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.907	69	24211	4.748	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.563	65	11294	4.354	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.624	46	55103	49.647	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.300%
24) Chloroform-d	5.055	84	54598	4.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.695	65	25289	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.721	84	105196	4.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.682	67	32814	4.871	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.891	98	93733	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	8.174	79	10406	4.821	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.627	63	41250	47.188	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.380%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21561	4.913	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	29510	4.731	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	12241	4.020	ug/L	99
3) Chloromethane	1.515	50	14371	3.703	ug/L	98
5) Vinyl chloride	1.599	62	17470	4.122	ug/L	99
6) Bromomethane	1.853	94	7757	3.412	ug/L	97
8) Chloroethane	1.930	64	13130	4.698	ug/L	97
9) Trichlorofluoromethane	2.136	101	31050	4.508	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	20308	4.594	ug/L	99
12) 1,1-Dichloroethene	2.576	96	16084	4.340	ug/L	95
13) Acetone	2.640	43	37503	52.209	ug/L	99
14) Carbon disulfide	2.788	76	29871	3.607	ug/L	99
15) Methyl Acetate	2.952	43	7321	4.910	ug/L	99
16) Methylene chloride	3.036	84	20727	3.947	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	45295	4.554	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	17303	4.467	ug/L	97
19) 1,1-Dichloroethane	3.859	63	41862	4.810	ug/L	95
21) 2-Butanone	4.705	43	54057	49.534	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	22637	4.730	ug/L	100
23) Bromochloromethane	4.968	128	8649	4.843	ug/L	97
25) Chloroform	5.081	83	44910	4.921	ug/L	93

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 ALS Vial : 2 Sample Multiplier: 1

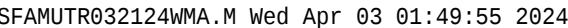
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 ClientSampleId :

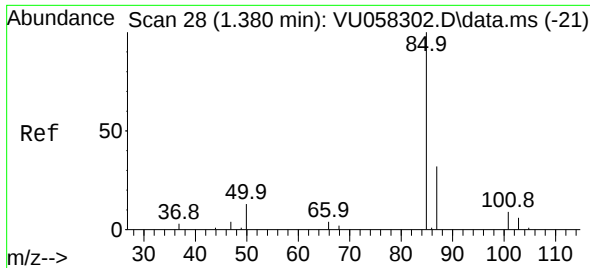
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 02 02:24:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	24421	4.713	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	33646	4.624	ug/L	96
30) Cyclohexane	5.383	56	25591	4.027	ug/L	98
31) Carbon tetrachloride	5.518	117	28224	4.557	ug/L	99
33) Benzene	5.769	78	85709	4.637	ug/L	100
34) Trichloroethene	6.537	95	21751	4.517	ug/L	98
35) Methylcyclohexane	6.756	83	27237	4.056	ug/L	97
37) 1,2-Dichloropropane	6.785	63	24695	4.783	ug/L	100
38) Bromodichloromethane	7.100	83	29383	4.964	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	31846	4.863	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	125119	47.922	ug/L	98
42) Toluene	7.965	91	90313	4.624	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	25639	4.975	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	15688	4.824	ug/L	97
47) Tetrachloroethene	8.547	164	14516	4.500	ug/L	97
48) 2-Hexanone	8.679	43	90910	47.814	ug/L	96
49) Dibromochloromethane	8.804	129	18013	5.062	ug/L	96
50) 1,2-Dibromoethane	8.920	107	13073	4.669	ug/L	99
51) Chlorobenzene	9.441	112	59555	4.733	ug/L	98
52) Ethylbenzene	9.563	91	101574	4.658	ug/L	98
53) m,p-Xylene	9.688	106	35926	4.624	ug/L	97
54) o-Xylene	10.094	106	36723	4.682	ug/L	98
55) Styrene	10.110	104	59580	4.811	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	19259	5.024	ug/L	97
59) Bromoform	10.286	173	9312	5.294	ug/L	94
60) Isopropylbenzene	10.479	105	94951	4.719	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	13723	4.893	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	77084	4.565	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	77237	4.605	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	45671	4.874	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	43589	4.813	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	41404	4.778	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	2468	5.835	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	32772	5.002	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	23477	4.804	ug/L	98
71) Naphthalene	14.084	128	26854	4.035	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	19314	4.826	ug/L	99

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

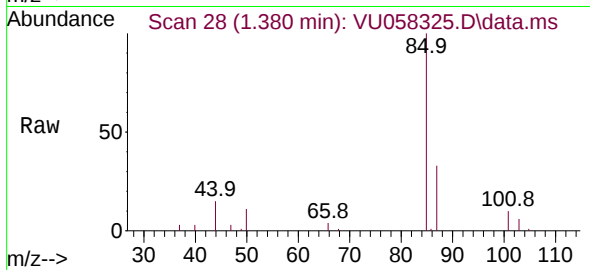
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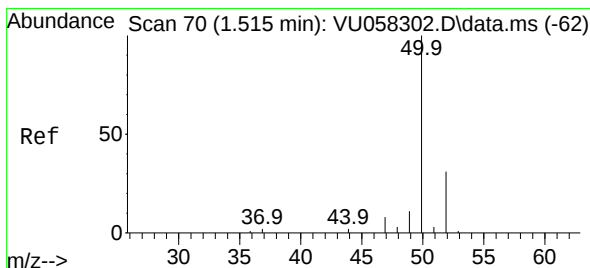
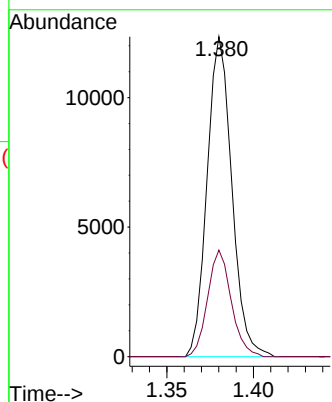
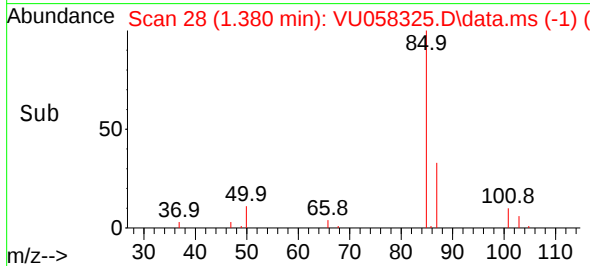


#2
Dichlorodifluoromethane
Concen: 4.020 ug/L
RT: 1.380 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

Instrument :
MSVOA_U
ClientSampleId :

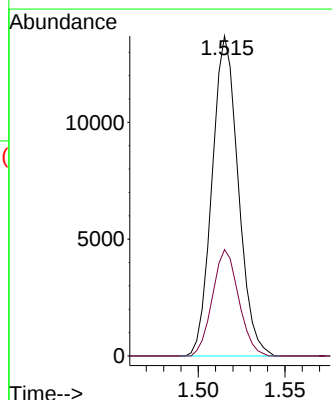
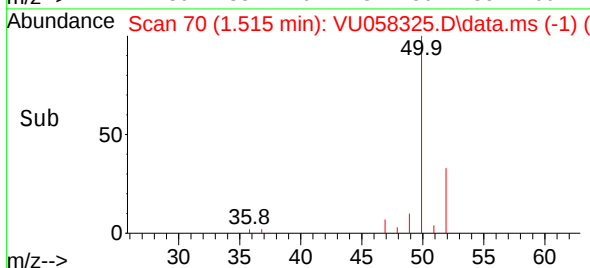
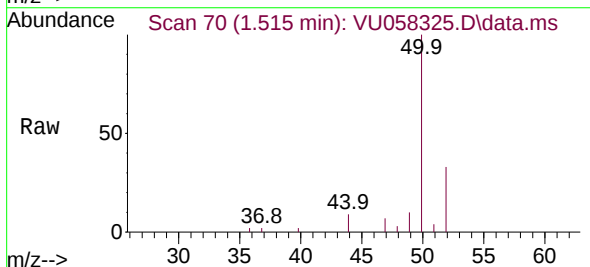


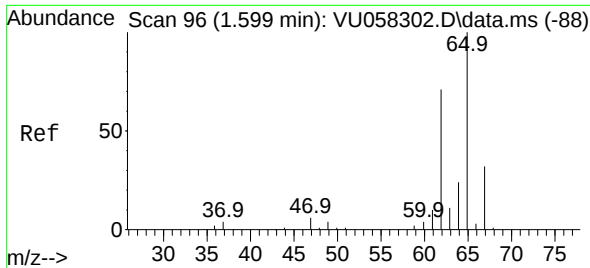
Tgt Ion: 85 Resp: 12241
Ion Ratio Lower Upper
85 100
87 31.9 25.8 38.8



#3
Chloromethane
Concen: 3.703 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

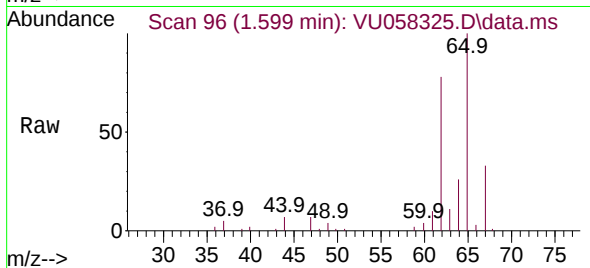
Tgt Ion: 50 Resp: 14371
Ion Ratio Lower Upper
50 100
52 33.2 24.2 45.0



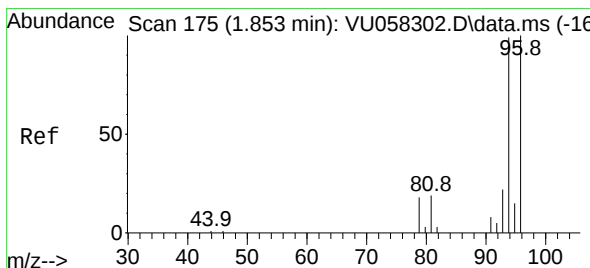
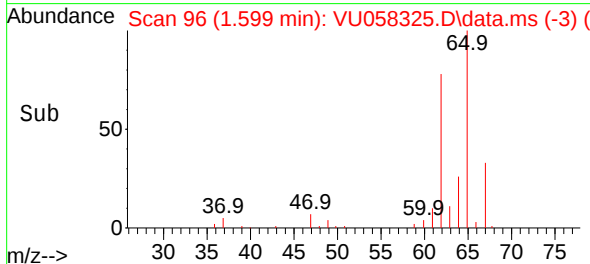
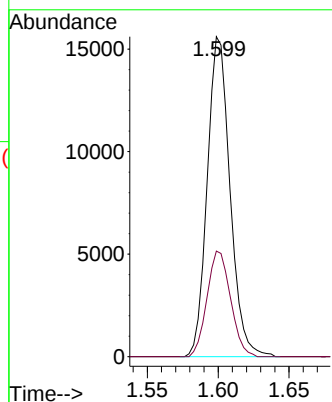


#5
 Vinyl chloride
 Concen: 4.122 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU058325.D
 Acq: 02 Apr 2024 08:57

Instrument :
 MSVOA_U
 ClientSampleId :

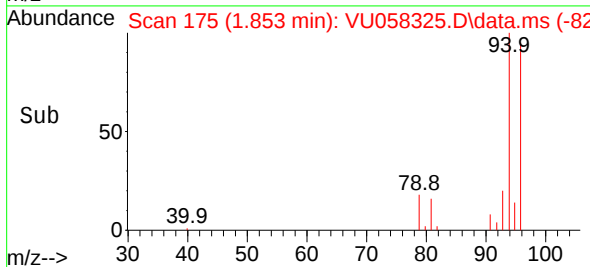
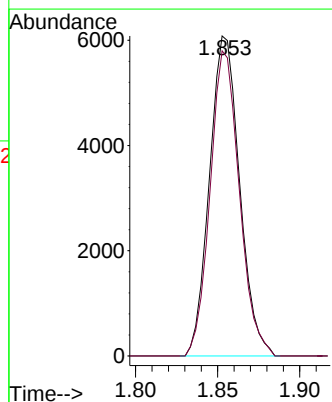
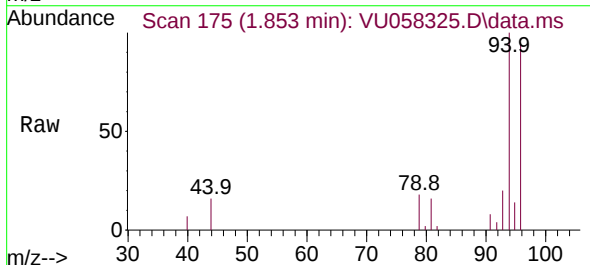


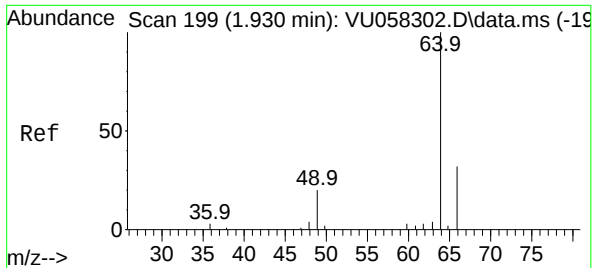
Tgt Ion: 62 Resp: 17470
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.4 43.6



#6
 Bromomethane
 Concen: 3.412 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU058325.D
 Acq: 02 Apr 2024 08:57

Tgt Ion: 94 Resp: 7757
 Ion Ratio Lower Upper
 94 100
 96 95.3 64.8 120.4

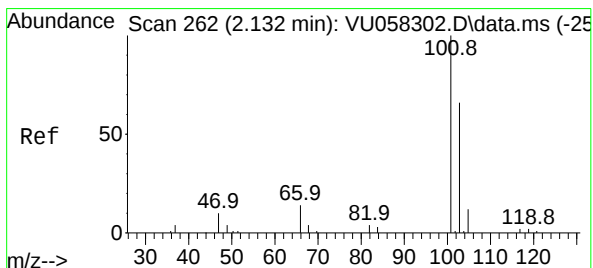
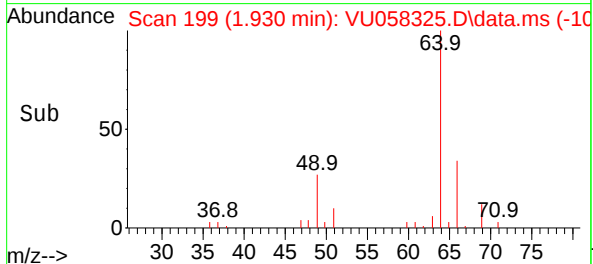
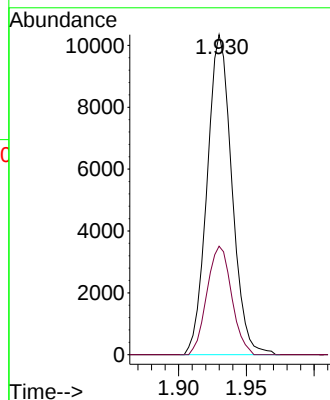
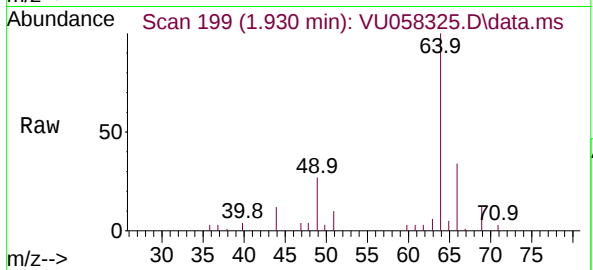




#8
Chloroethane
Concen: 4.698 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

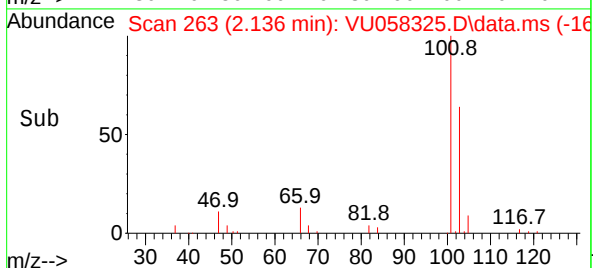
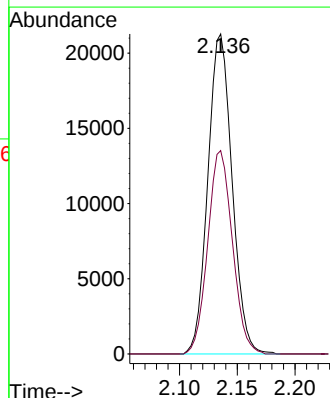
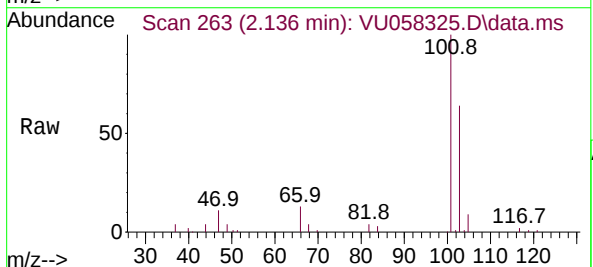
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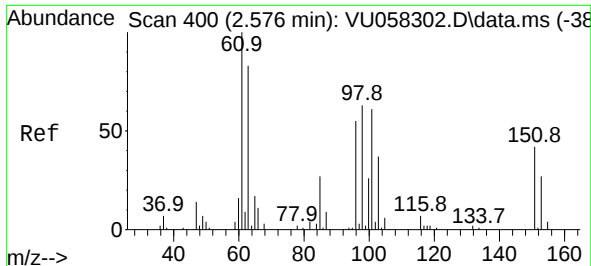
Tgt Ion: 64 Resp: 13130
Ion Ratio Lower Upper
64 100
66 33.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.508 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

Tgt Ion:101 Resp: 31050
Ion Ratio Lower Upper
101 100
103 64.7 52.3 78.5





#10

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

Concen: 4.594 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU058325.D

Acq: 02 Apr 2024 08:57

Instrument :

MSVOA_U

ClientSampleId :

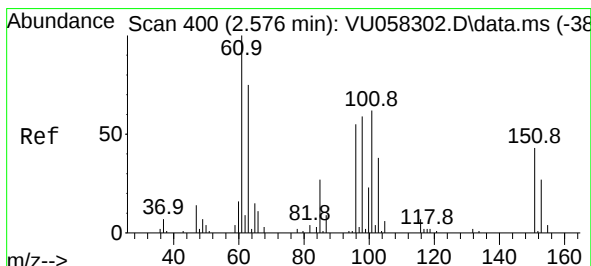
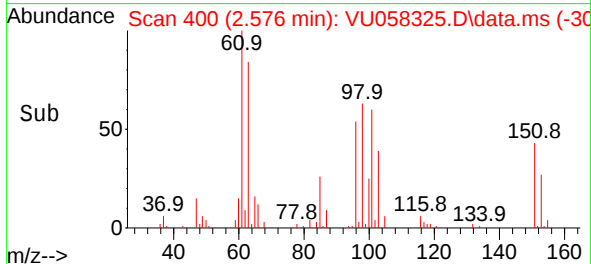
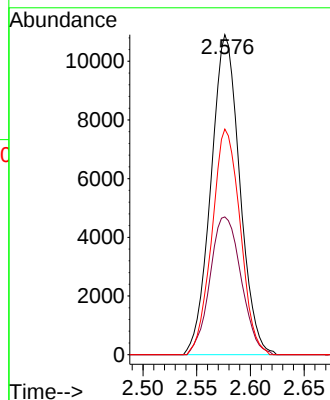
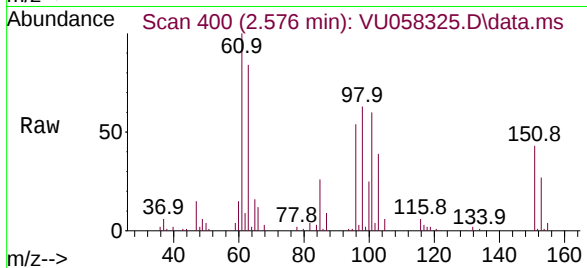
Tgt Ion:101 Resp: 20308

Ion Ratio Lower Upper

101 100

85 46.6 37.9 56.9

151 69.3 55.3 82.9



#12

1,1-Dichloroethene

Concen: 4.340 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU058325.D

Acq: 02 Apr 2024 08:57

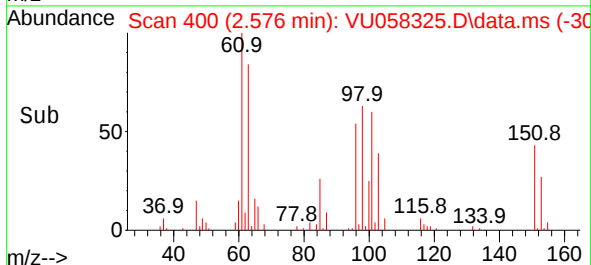
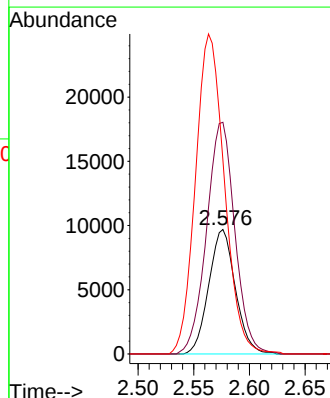
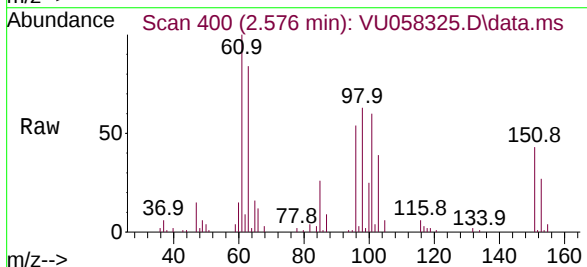
Tgt Ion: 96 Resp: 16084

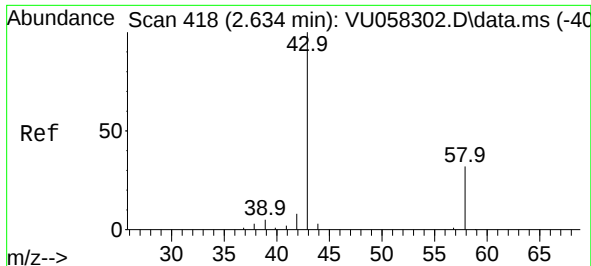
Ion Ratio Lower Upper

96 100

61 186.1 128.1 237.9

63 155.6 116.8 217.0





#13

Acetone

Concen: 52.209 ug/L

RT: 2.640 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU058325.D

Acq: 02 Apr 2024 08:57

Instrument :

MSVOA_U

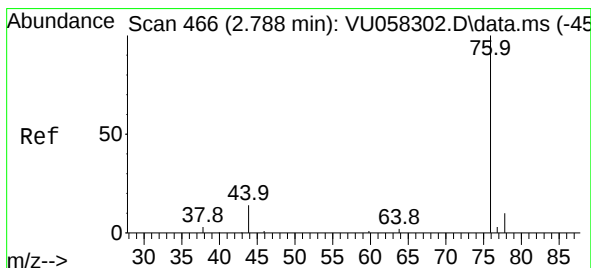
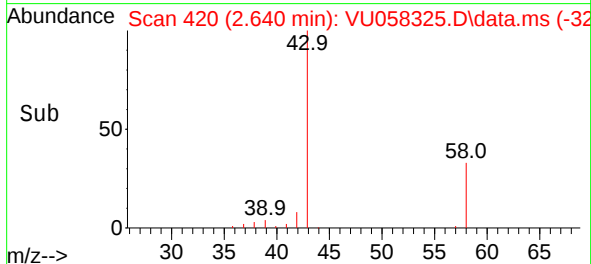
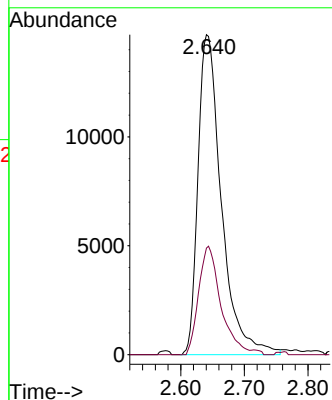
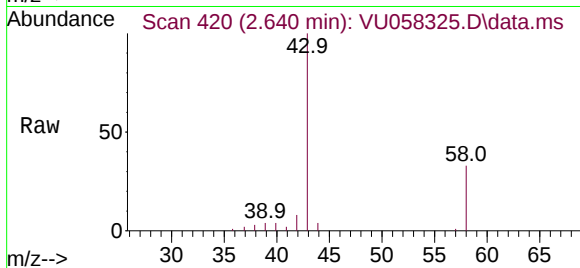
ClientSampleId :

Tgt Ion: 43 Resp: 37503

Ion Ratio Lower Upper

43 100

58 32.0 0.0 64.6



#14

Carbon disulfide

Concen: 3.607 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU058325.D

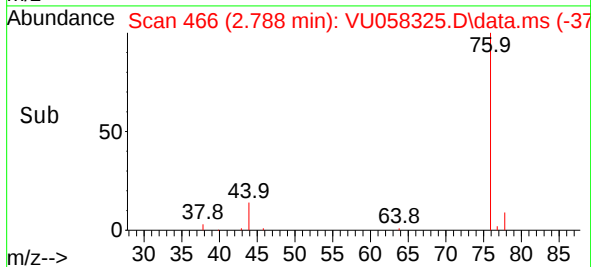
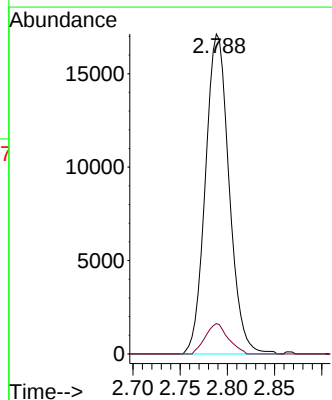
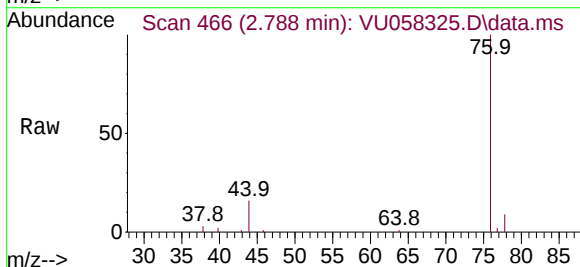
Acq: 02 Apr 2024 08:57

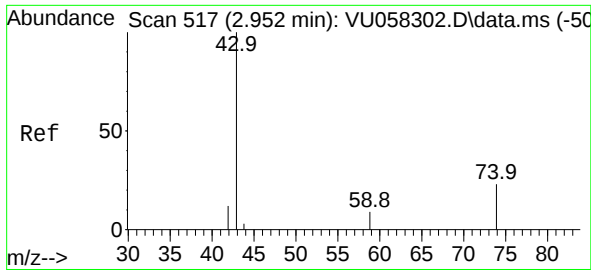
Tgt Ion: 76 Resp: 29871

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8





#15

Methyl Acetate

Concen: 4.910 ug/L

RT: 2.952 min Scan# 517

Delta R.T. 0.000 min

Lab File: VU058325.D

Acq: 02 Apr 2024 08:57

Instrument :

MSVOA_U

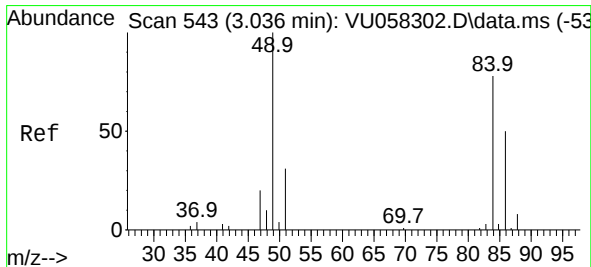
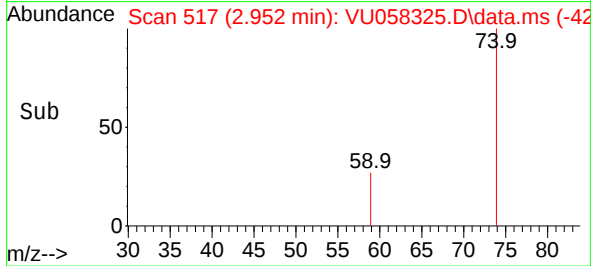
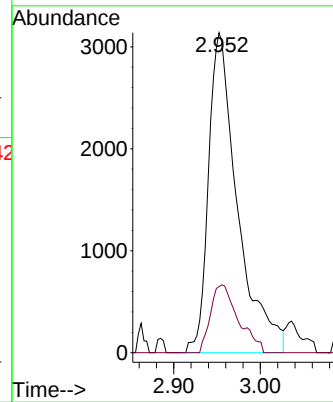
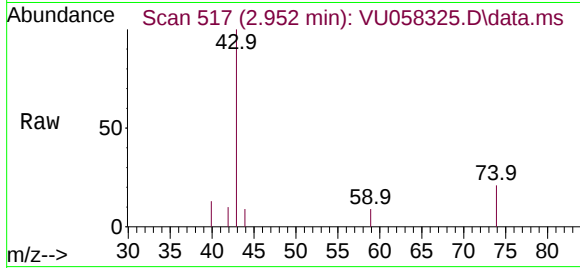
ClientSampleId :

Tgt Ion: 43 Resp: 7321

Ion Ratio Lower Upper

43 100

74 20.3 16.8 25.2



#16

Methylene chloride

Concen: 3.947 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU058325.D

Acq: 02 Apr 2024 08:57

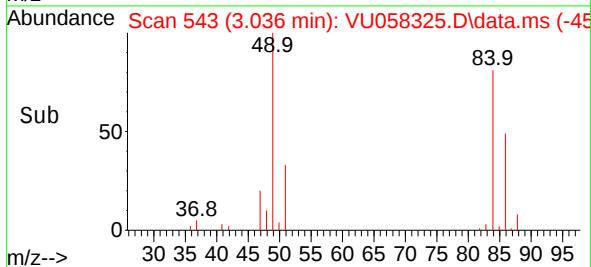
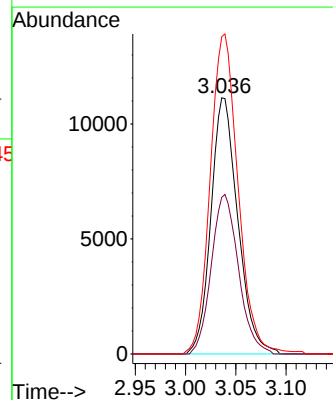
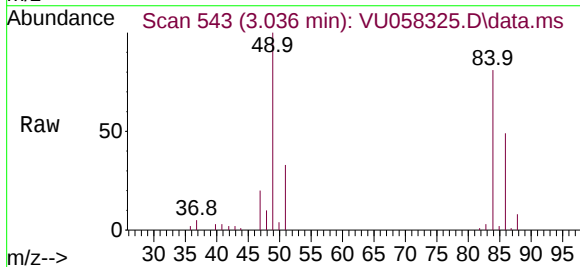
Tgt Ion: 84 Resp: 20727

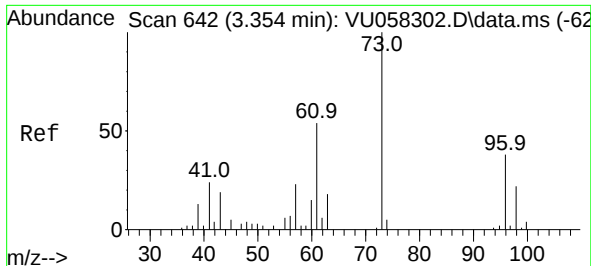
Ion Ratio Lower Upper

84 100

86 61.2 45.6 84.6

49 123.8 88.3 163.9

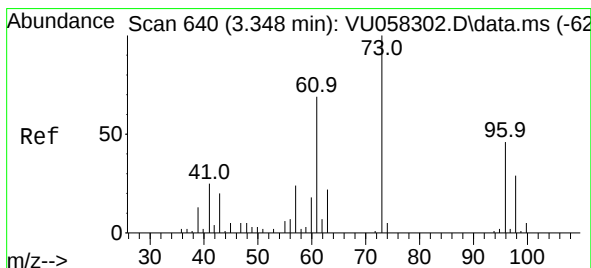
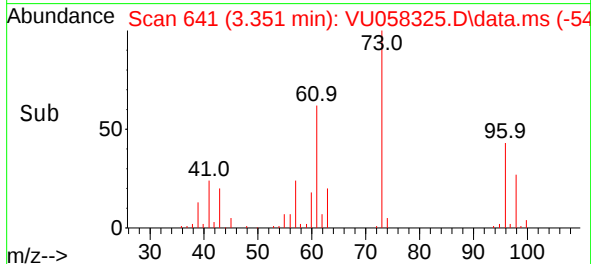
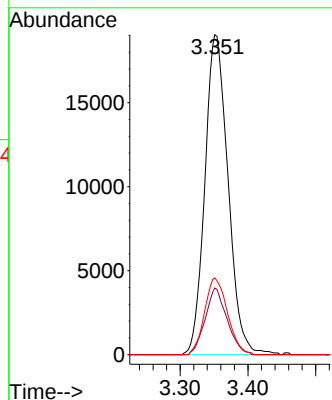
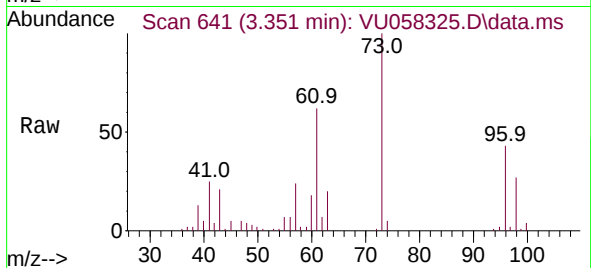




#17
Methyl tert-butyl Ether
Concen: 4.554 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

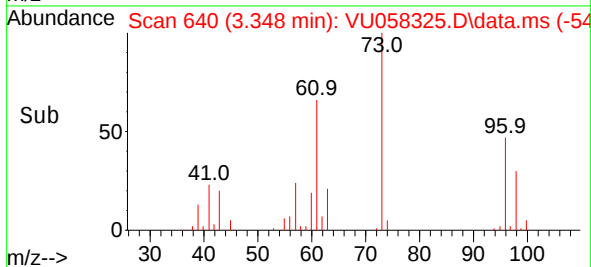
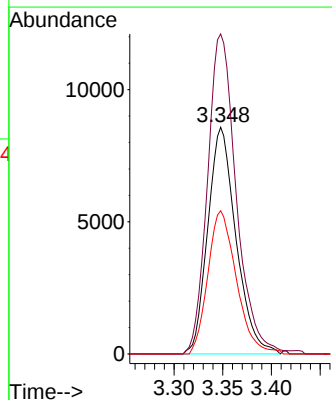
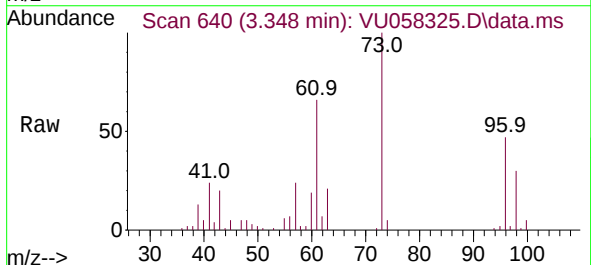
Instrument :
MSVOA_U
ClientSampleId :

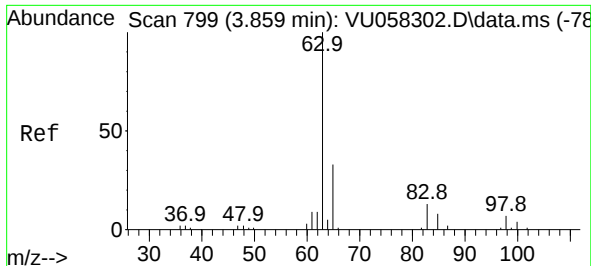
Tgt Ion: 73 Resp: 45295
Ion Ratio Lower Upper
73 100
43 19.6 15.5 23.3
57 23.7 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.467 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

Tgt Ion: 96 Resp: 17303
Ion Ratio Lower Upper
96 100
61 141.1 102.5 190.3
98 63.2 44.0 81.8

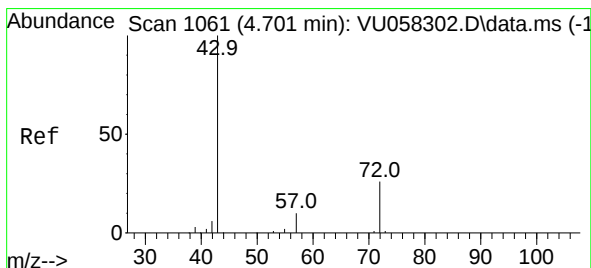
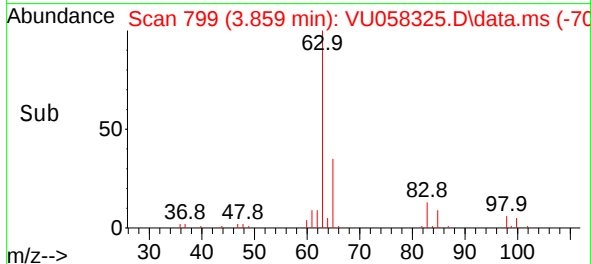
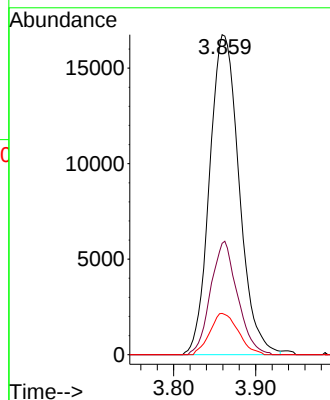
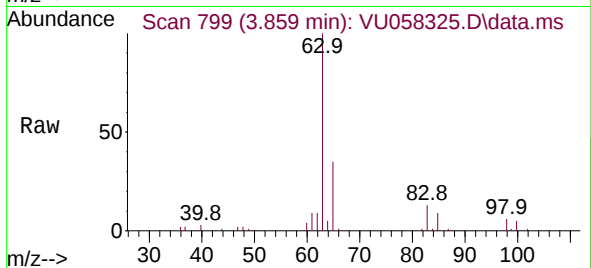




#19
1,1-Dichloroethane
Concen: 4.810 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

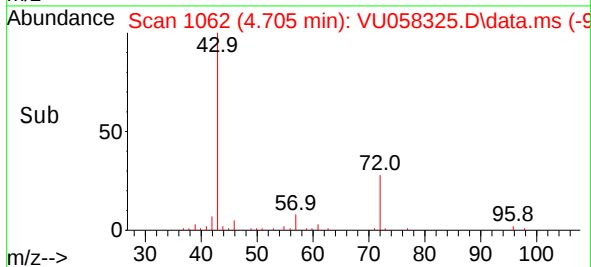
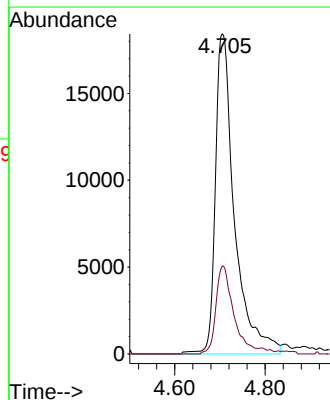
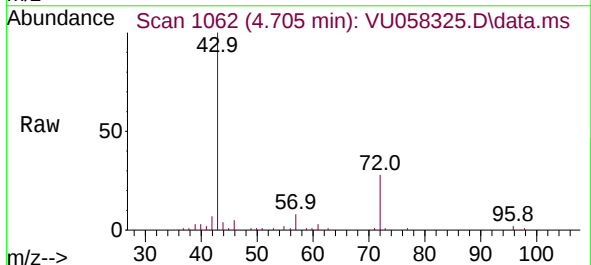
Instrument :
MSVOA_U
ClientSampleId :

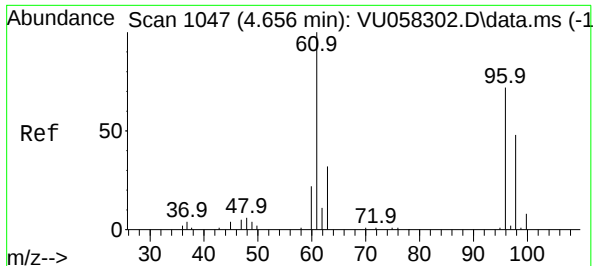
Tgt Ion:	63	Resp:	41862
Ion	Ratio	Lower	Upper
63	100		
65	34.8	22.3	41.5
83	12.9	10.0	18.6



#21
2-Butanone
Concen: 49.534 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.003 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

Tgt Ion:	43	Resp:	54057
Ion	Ratio	Lower	Upper
43	100		
72	25.3	14.0	41.9

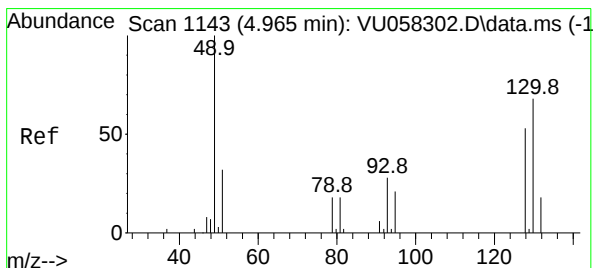
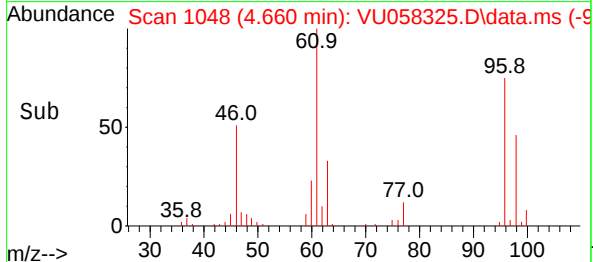
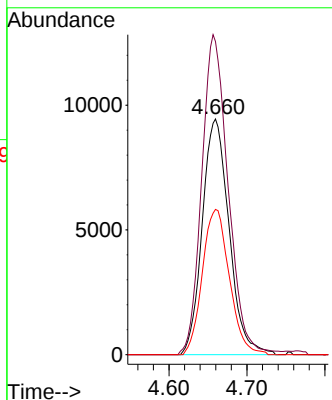
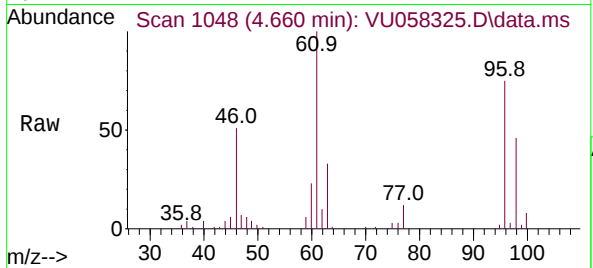




#22
 cis-1,2-Dichloroethene
 Concen: 4.730 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU058325.D
 Acq: 02 Apr 2024 08:57

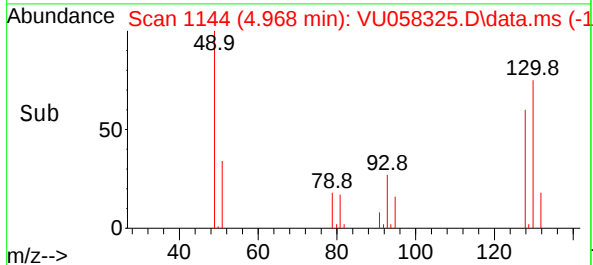
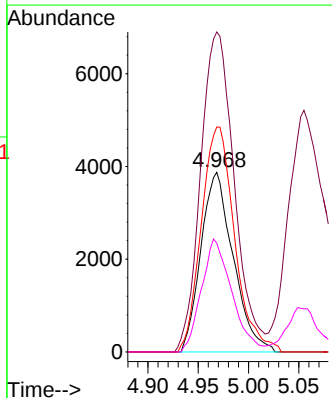
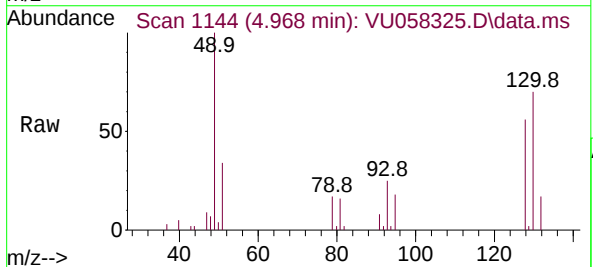
Instrument :
 MSVOA_U
 ClientSampleId :

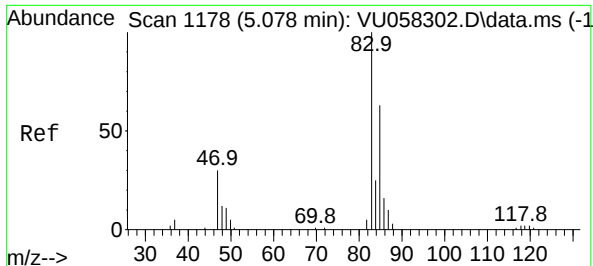
Tgt Ion: 96 Resp: 22637
 Ion Ratio Lower Upper
 96 100
 61 132.9 92.8 172.4
 98 61.6 43.2 80.2



#23
 Bromochloromethane
 Concen: 4.843 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.003 min
 Lab File: VU058325.D
 Acq: 02 Apr 2024 08:57

Tgt Ion: 128 Resp: 8649
 Ion Ratio Lower Upper
 128 100
 49 178.1 125.0 232.2
 130 125.2 92.3 171.5
 51 60.5 44.7 67.1





#25

Chloroform

Concen: 4.921 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU058325.D

Acq: 02 Apr 2024 08:57

Instrument :

MSVOA_U

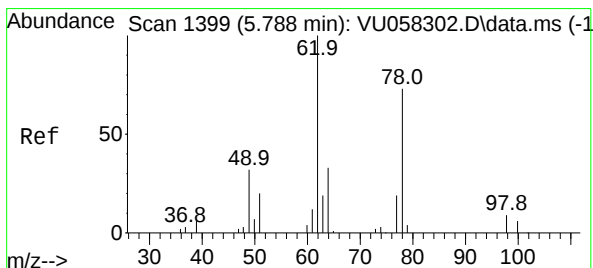
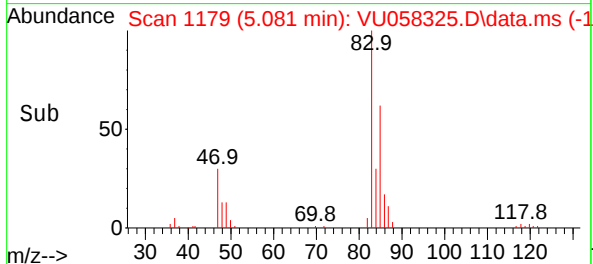
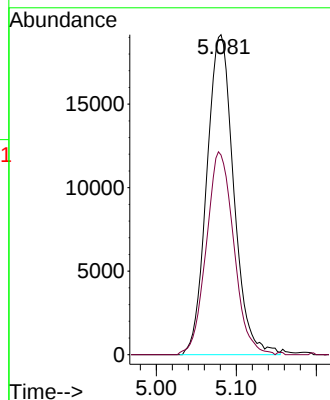
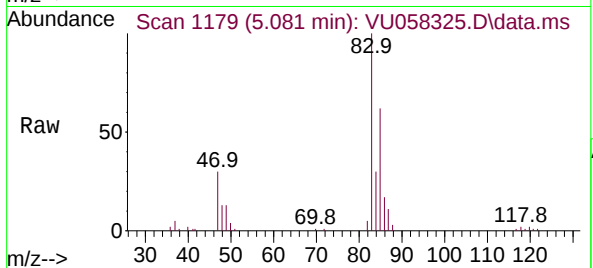
ClientSampleId :

Tgt Ion: 83 Resp: 44910

Ion Ratio Lower Upper

83 100

85 62.4 47.9 88.9



#27

1,2-Dichloroethane

Concen: 4.713 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU058325.D

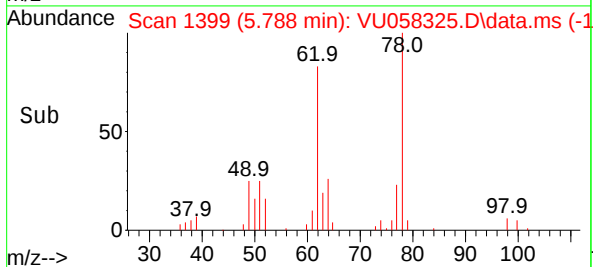
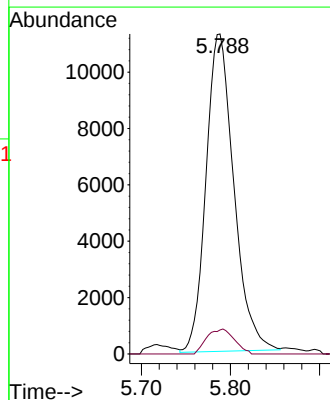
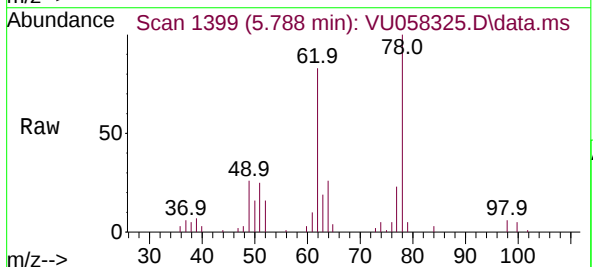
Acq: 02 Apr 2024 08:57

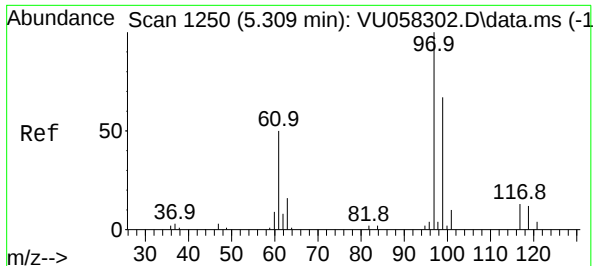
Tgt Ion: 62 Resp: 24421

Ion Ratio Lower Upper

62 100

98 7.5 6.6 10.0



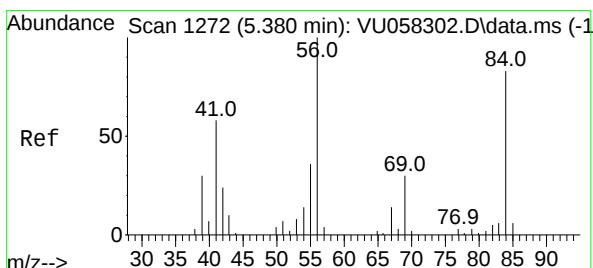
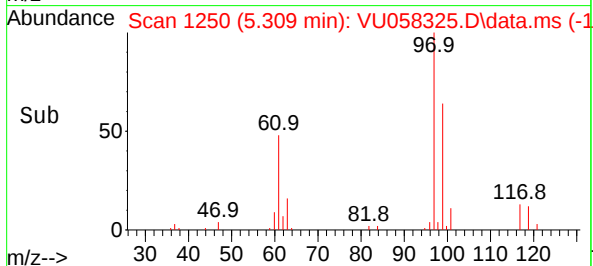
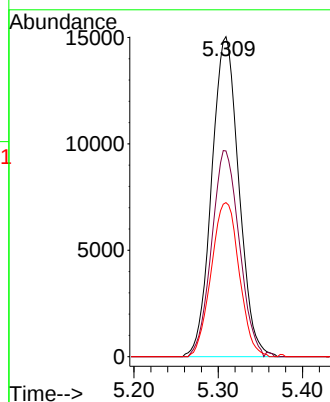
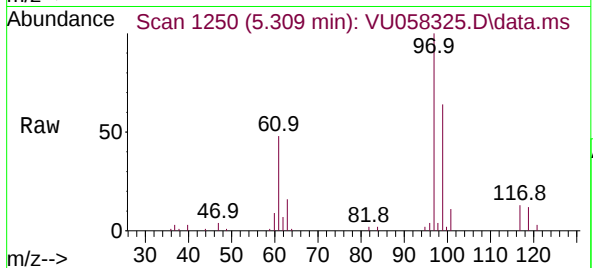


#29
1,1,1-Trichloroethane
Concen: 4.624 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 33646

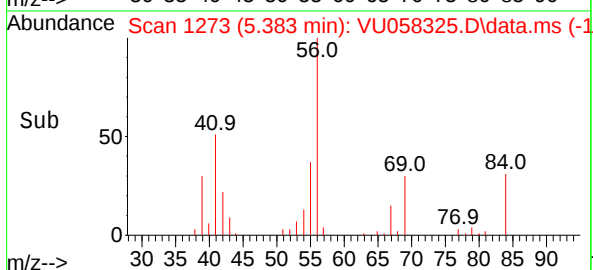
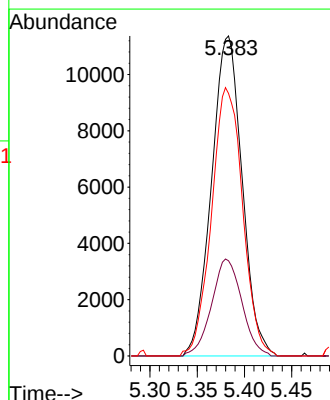
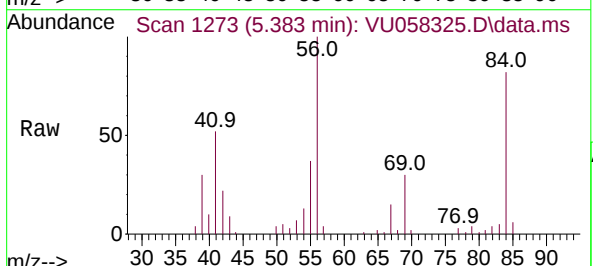
Ion	Ratio	Lower	Upper
97	100		
99	65.5	50.5	75.7
61	49.6	36.3	54.5

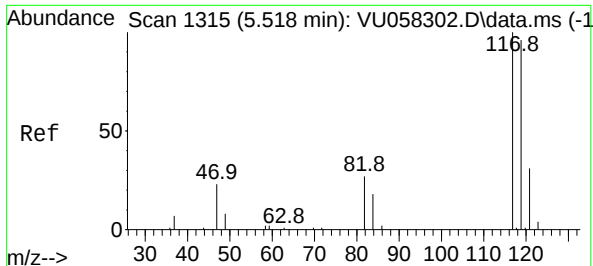


#30
Cyclohexane
Concen: 4.027 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

Tgt Ion: 56 Resp: 25591

Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.2	36.2
84	85.1	69.7	104.5

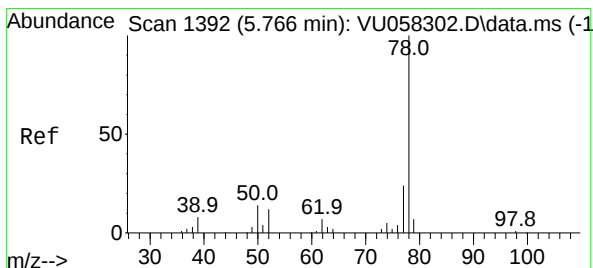
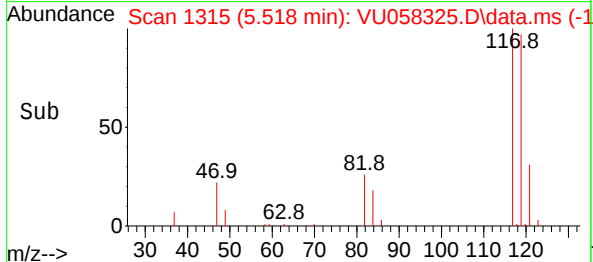
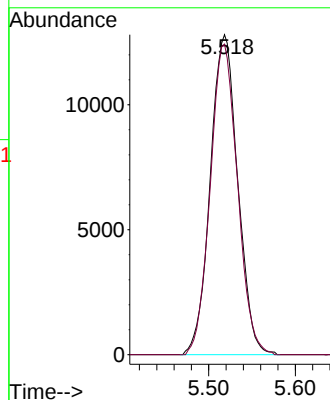
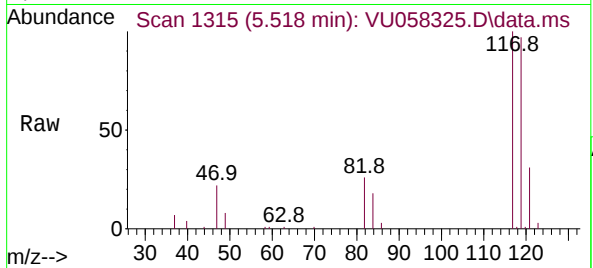




#31
Carbon tetrachloride
Concen: 4.557 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

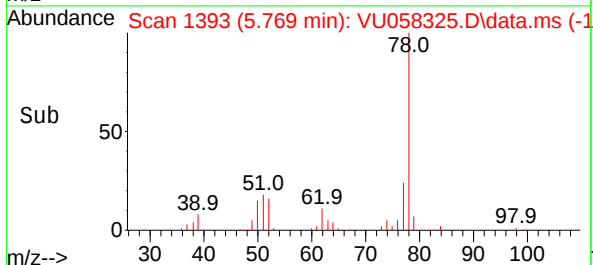
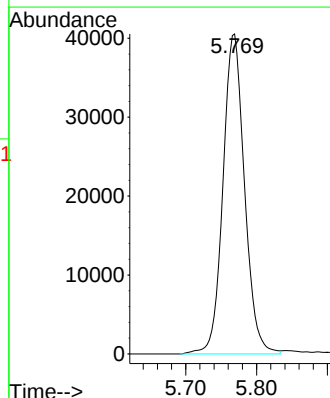
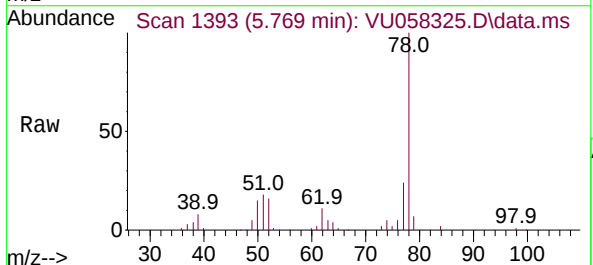
Instrument :
MSVOA_U
ClientSampleId :

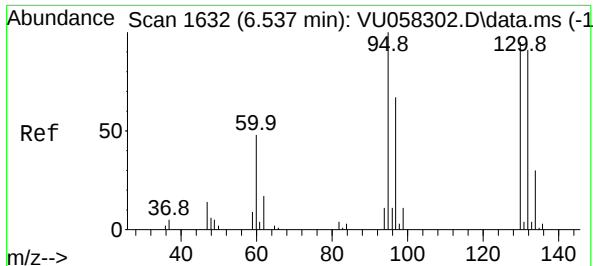
Tgt Ion:117 Resp: 28224
Ion Ratio Lower Upper
117 100
119 96.2 78.1 117.1



#33
Benzene
Concen: 4.637 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

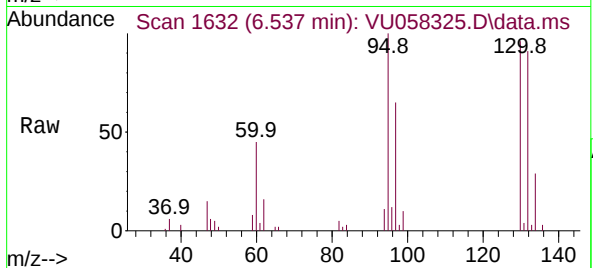
Tgt Ion: 78 Resp: 85709



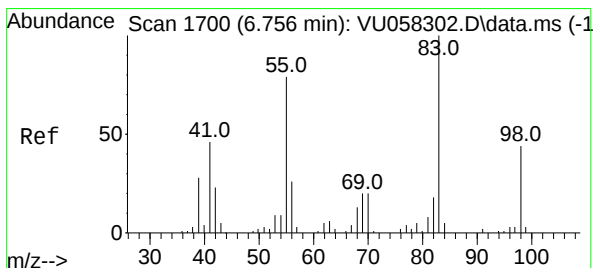
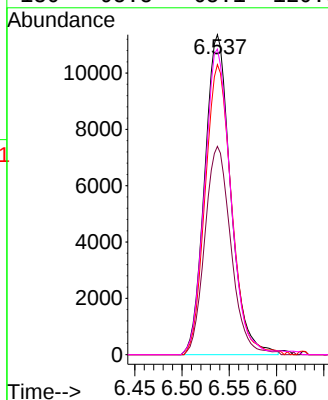
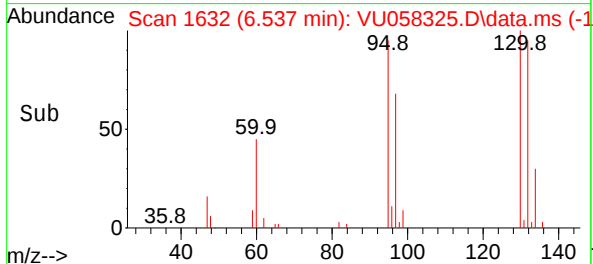


#34
Trichloroethene
Concen: 4.517 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

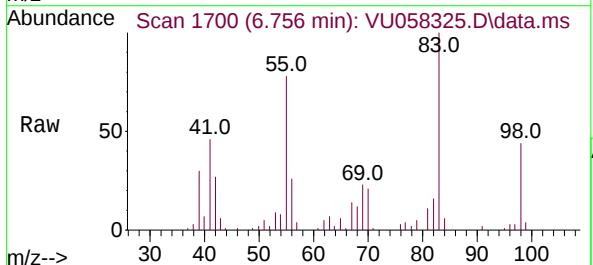
Instrument :
MSVOA_U
ClientSampleId :



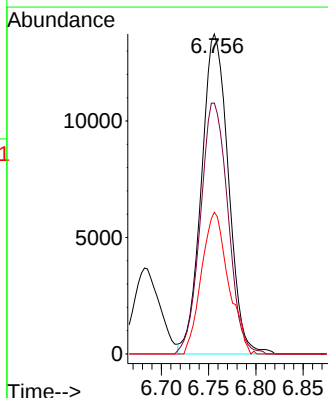
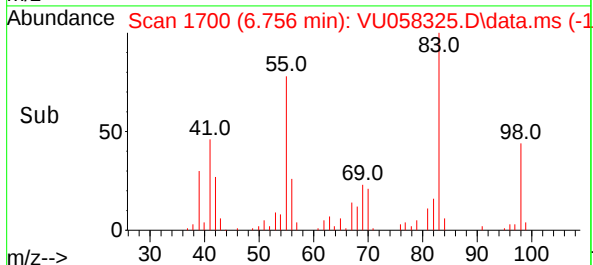
Tgt Ion: 95 Resp: 21751
Ion Ratio Lower Upper
95 100
97 65.1 47.7 88.7
132 90.6 63.6 118.2
130 95.5 65.1 120.9

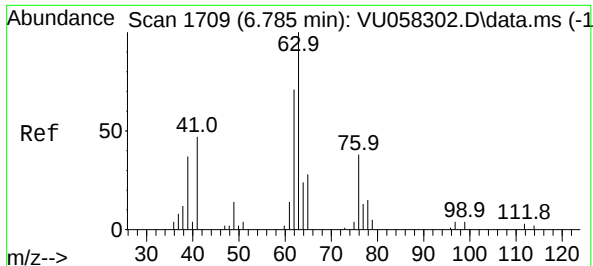


#35
Methylcyclohexane
Concen: 4.056 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57



Tgt Ion: 83 Resp: 27237
Ion Ratio Lower Upper
83 100
55 80.1 62.7 94.1
98 44.3 37.3 55.9

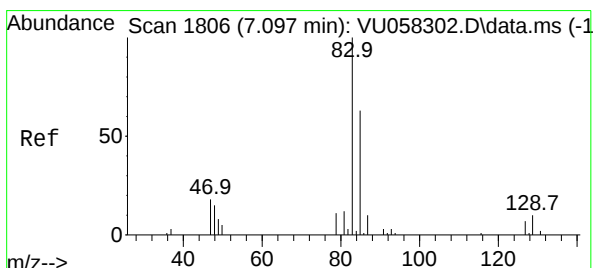
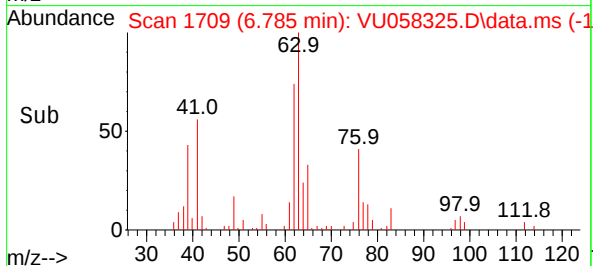
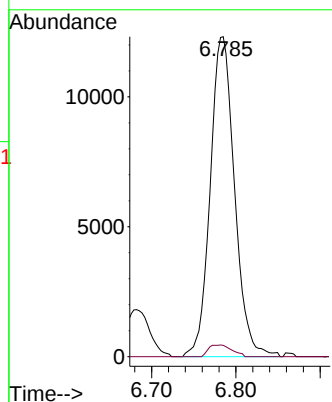
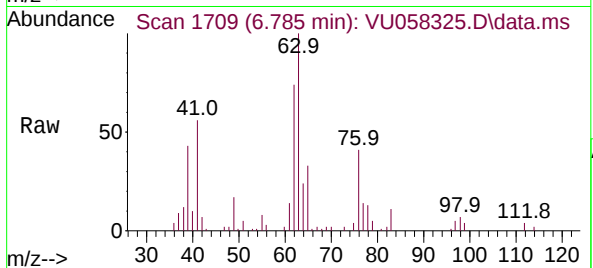




#37
1,2-Dichloropropane
Concen: 4.783 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

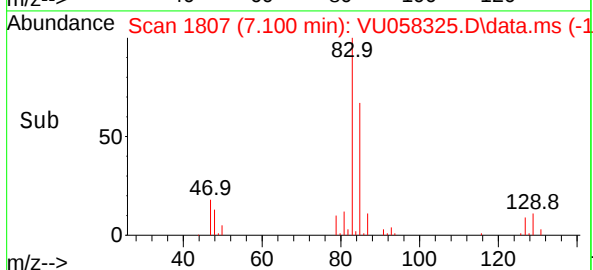
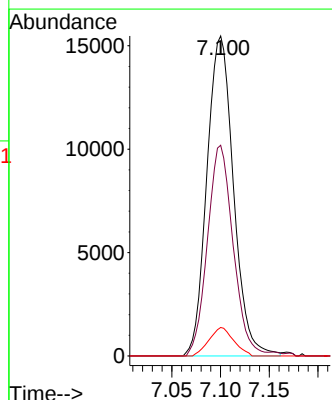
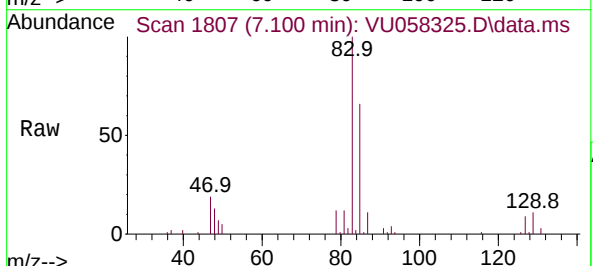
Instrument :
MSVOA_U
ClientSampleId :

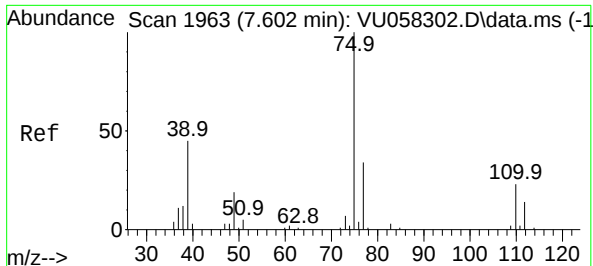
Tgt Ion: 63 Resp: 24695
Ion Ratio Lower Upper
63 100
112 3.5 2.7 4.1



#38
Bromodichloromethane
Concen: 4.964 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

Tgt Ion: 83 Resp: 29383
Ion Ratio Lower Upper
83 100
85 65.9 45.6 84.8
127 8.9 7.1 10.7

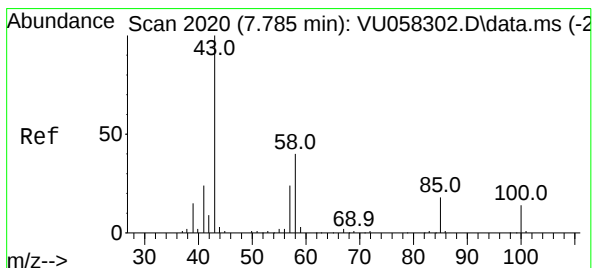
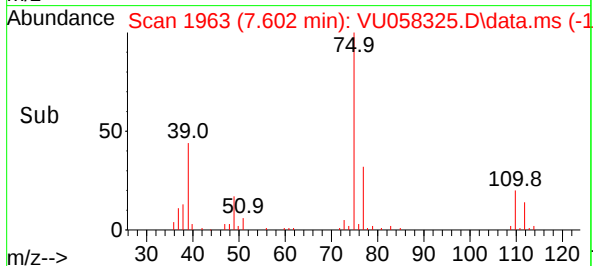
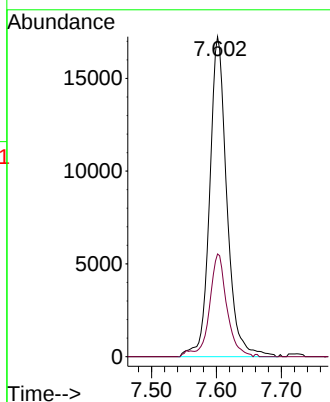
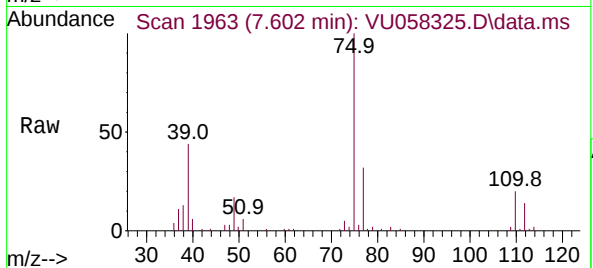




#39
cis-1,3-Dichloropropene
Concen: 4.863 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

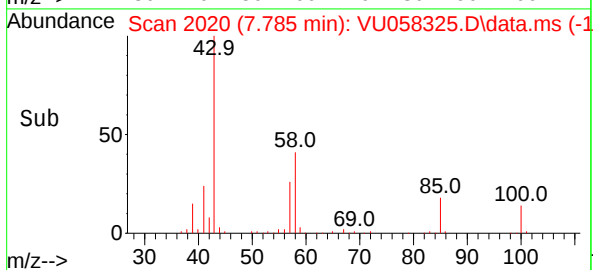
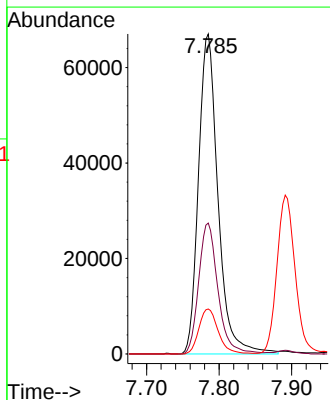
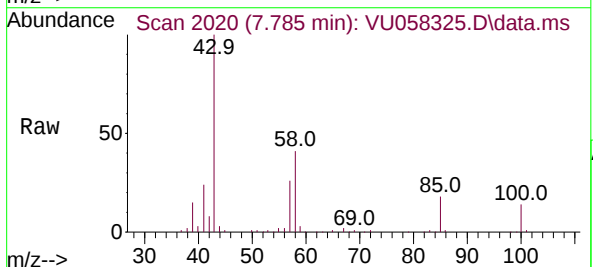
Instrument :
MSVOA_U
ClientSampleId :

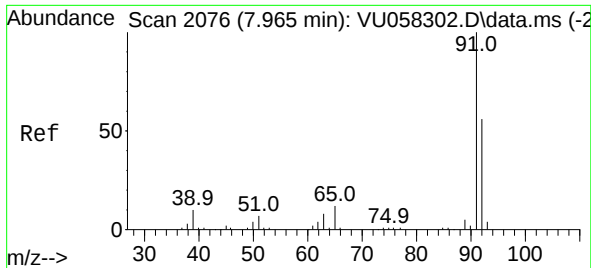
Tgt Ion: 75 Resp: 31846
Ion Ratio Lower Upper
75 100
77 32.1 21.4 39.8



#40
4-Methyl-2-pentanone
Concen: 47.922 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

Tgt Ion: 43 Resp: 125119
Ion Ratio Lower Upper
43 100
58 40.4 33.2 49.8
100 14.0 11.5 17.3





#42

Toluene

Concen: 4.624 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU058325.D

Acq: 02 Apr 2024 08:57

Instrument :

MSVOA_U

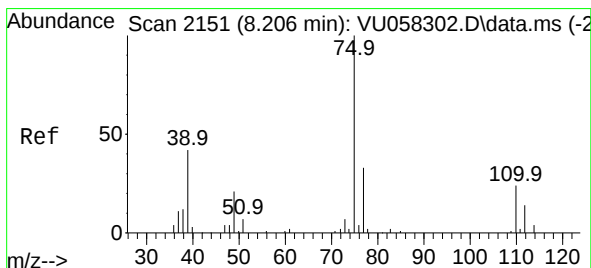
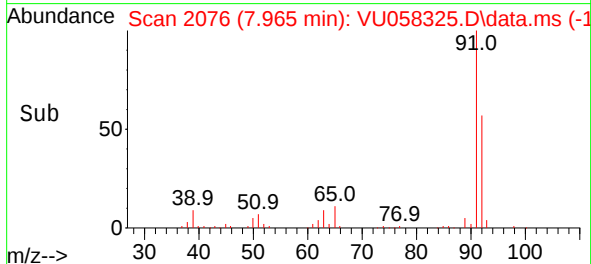
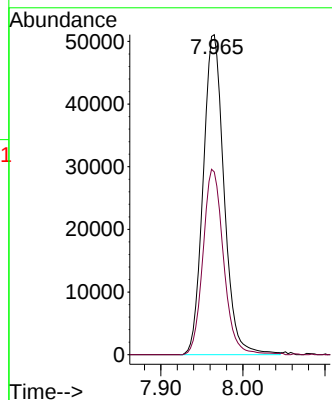
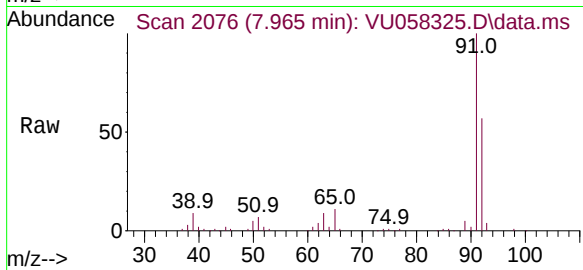
ClientSampleId :

Tgt Ion: 91 Resp: 90313

Ion Ratio Lower Upper

91 100

92 57.1 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.975 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU058325.D

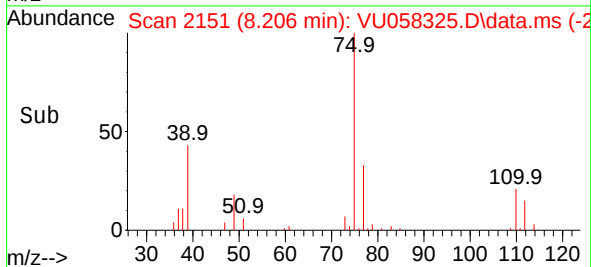
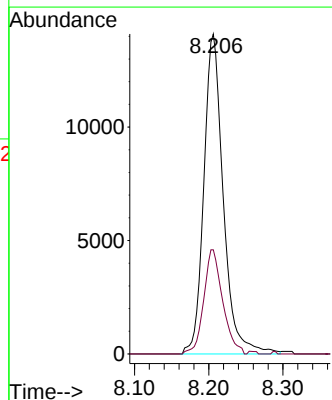
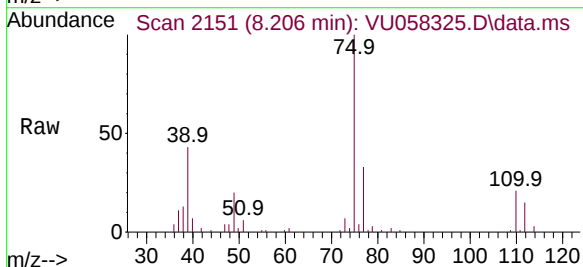
Acq: 02 Apr 2024 08:57

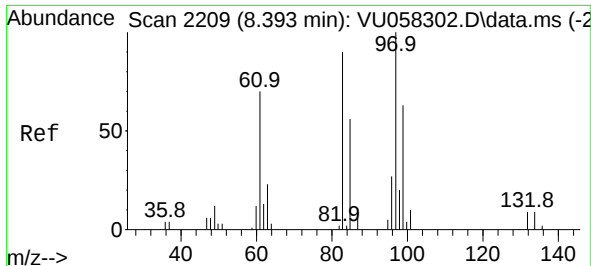
Tgt Ion: 75 Resp: 25639

Ion Ratio Lower Upper

75 100

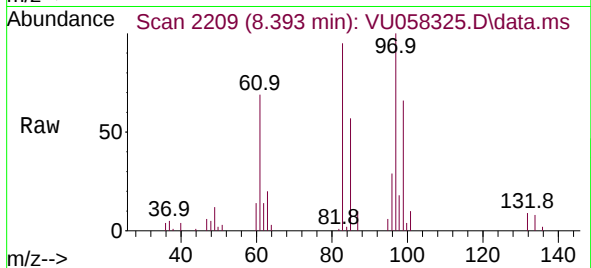
77 32.6 21.7 40.3



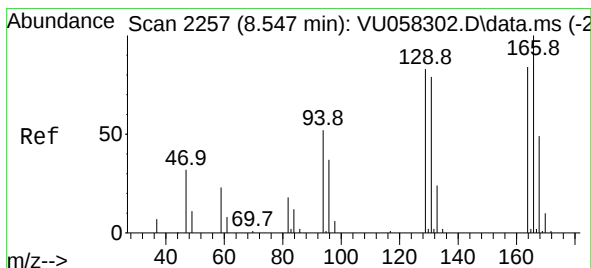
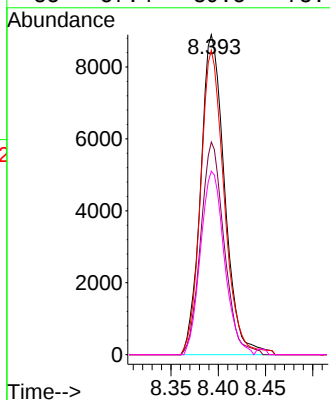
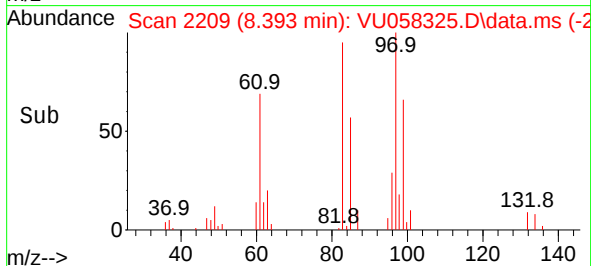


#45
1,1,2-Trichloroethane
Concen: 4.824 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

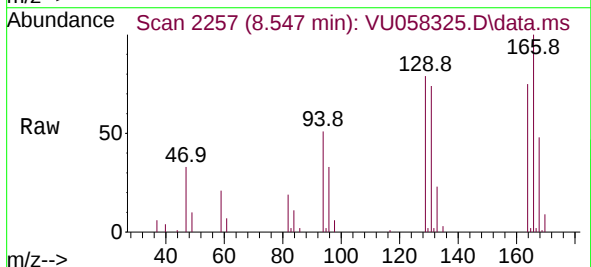
Instrument :
MSVOA_U
ClientSampleId :



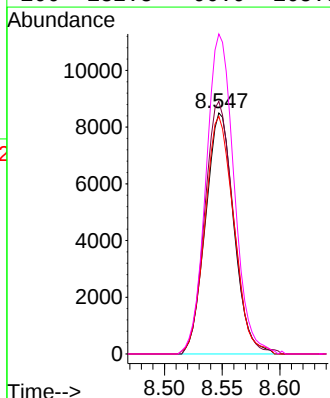
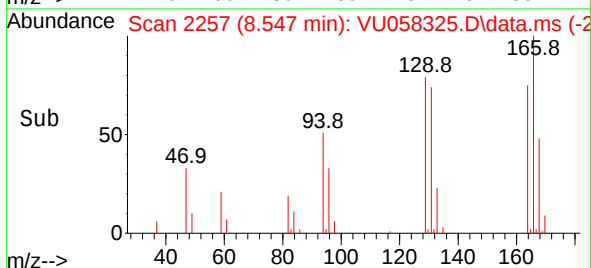
Tgt Ion:	97	Resp:	15688
Ion	Ratio	Lower	Upper
97	100		
99	66.4	44.5	82.7
83	95.1	64.1	119.1
85	57.4	39.5	73.4

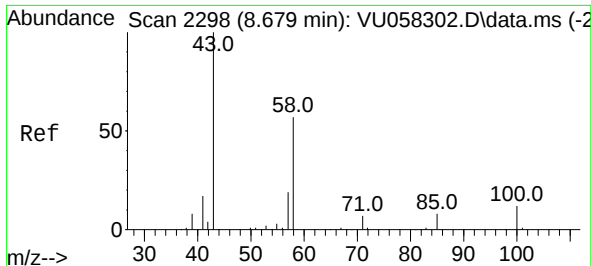


#47
Tetrachloroethene
Concen: 4.500 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57



Tgt Ion:	164	Resp:	14516
Ion	Ratio	Lower	Upper
164	100		
129	104.8	71.3	132.3
131	98.6	70.8	131.4
166	132.8	90.9	168.9

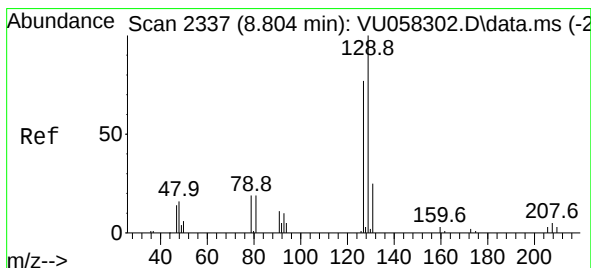
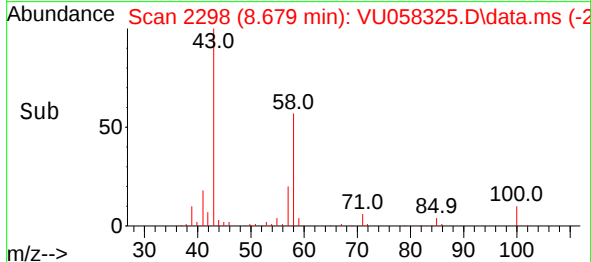
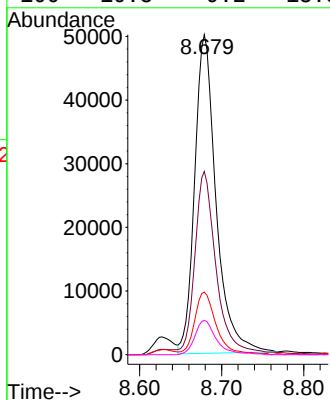
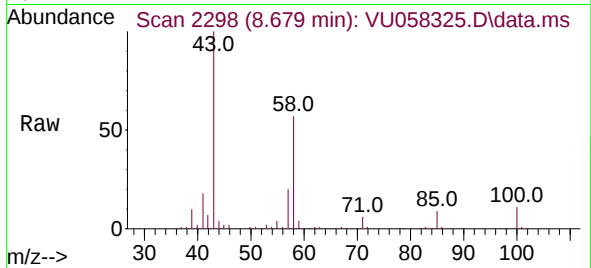




#48
2-Hexanone
Concen: 47.814 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

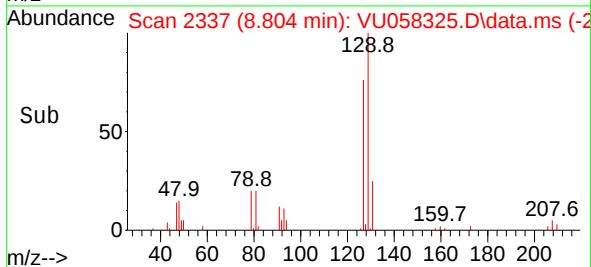
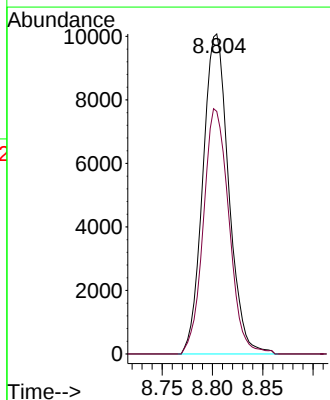
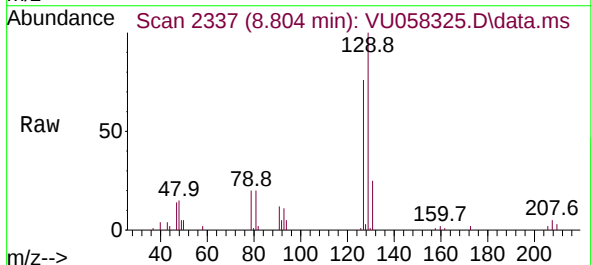
Instrument :
MSVOA_U
ClientSampleId :

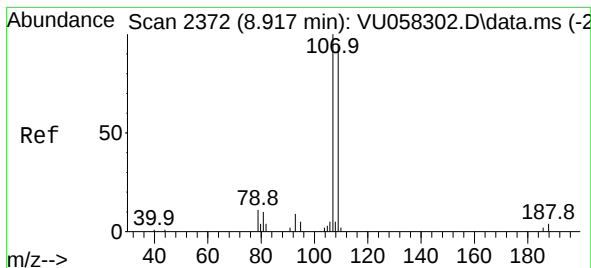
Tgt Ion:	43	Resp:	90910
Ion	Ratio	Lower	Upper
43	100		
58	56.7	48.3	72.5
57	19.9	16.3	24.5
100	10.8	9.2	13.8



#49
Dibromochloromethane
Concen: 5.062 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

Tgt Ion:	129	Resp:	18013
Ion	Ratio	Lower	Upper
129	100		
127	75.8	55.7	103.5





#50

1,2-Dibromoethane

Concen: 4.669 ug/L

RT: 8.920 min Scan# 2373

Delta R.T. 0.003 min

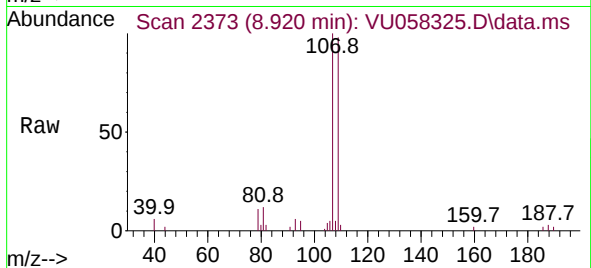
Lab File: VU058325.D

Acq: 02 Apr 2024 08:57

Instrument :

MSVOA_U

ClientSampleId :



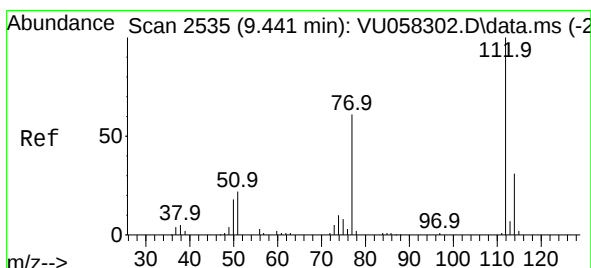
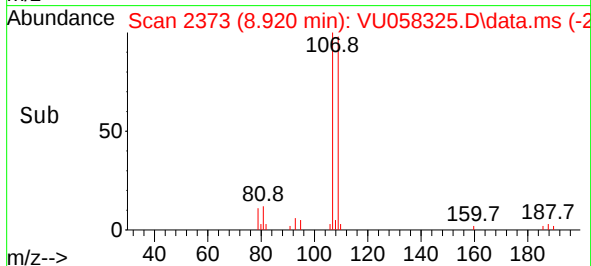
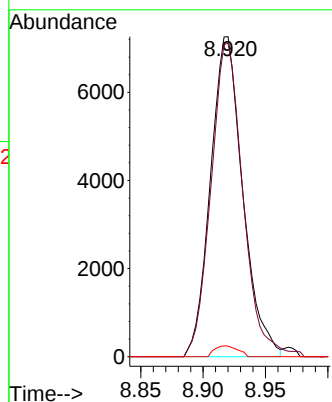
Tgt Ion:107 Resp: 13073

Ion Ratio Lower Upper

107 100

109 97.9 67.8 125.8

188 3.3 2.5 3.7



#51

Chlorobenzene

Concen: 4.733 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU058325.D

Acq: 02 Apr 2024 08:57

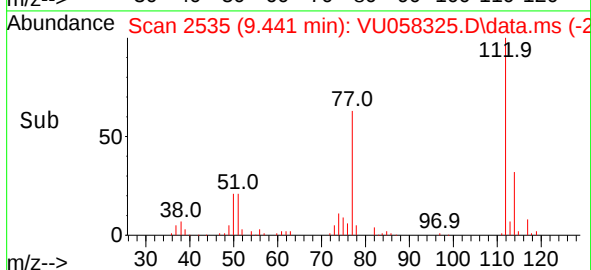
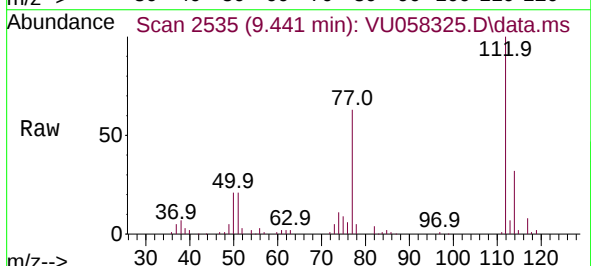
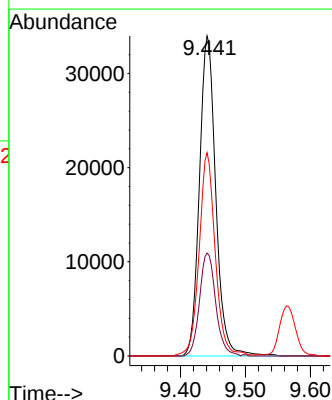
Tgt Ion:112 Resp: 59555

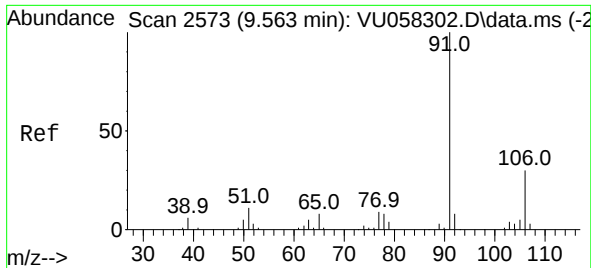
Ion Ratio Lower Upper

112 100

114 32.2 22.7 42.3

77 63.5 48.9 73.3

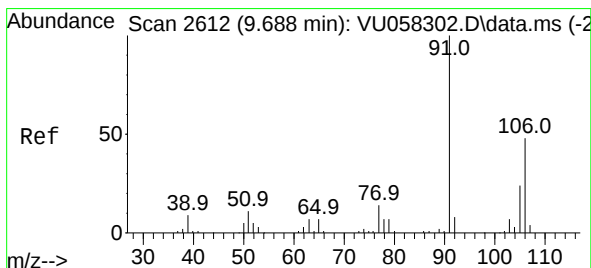
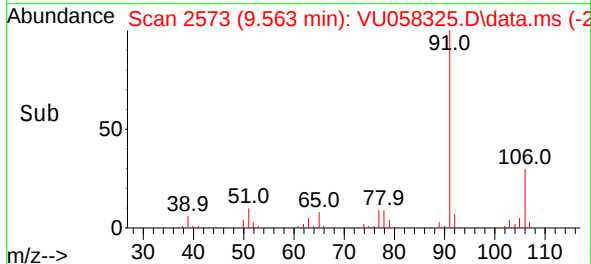
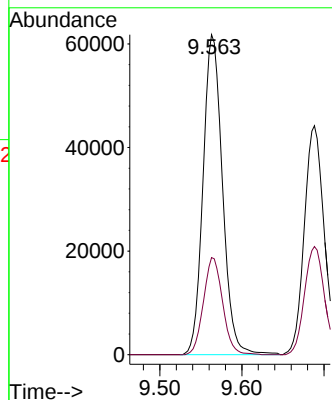
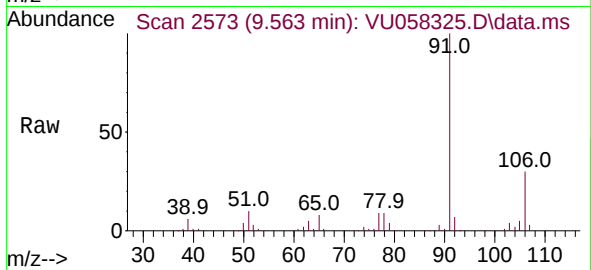




#52
Ethylbenzene
Concen: 4.658 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

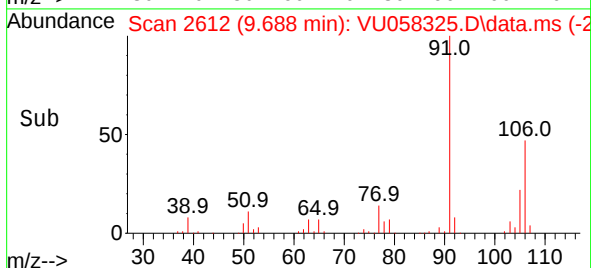
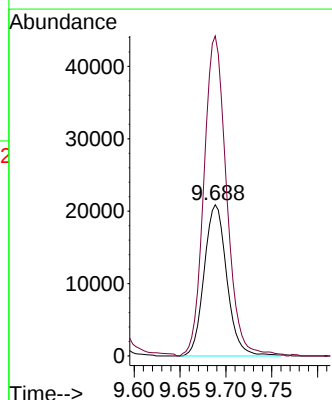
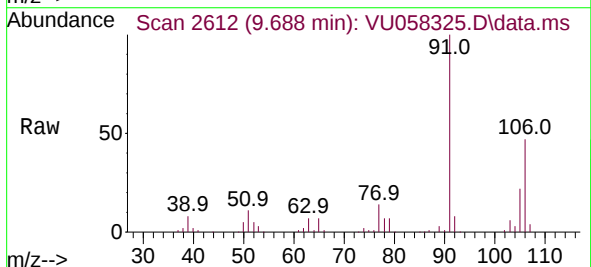
Instrument :
MSVOA_U
ClientSampleId :

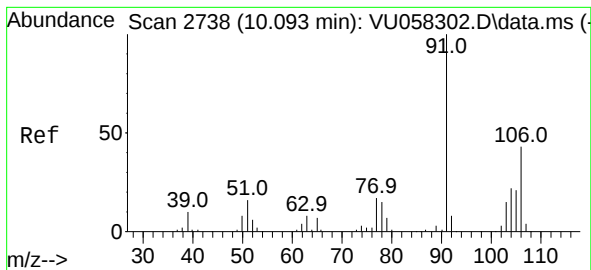
Tgt Ion: 91 Resp: 101574
Ion Ratio Lower Upper
91 100
106 30.3 20.6 38.2



#53
m,p-Xylene
Concen: 4.624 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

Tgt Ion:106 Resp: 35926
Ion Ratio Lower Upper
106 100
91 211.6 151.0 280.4





#54

o-Xylene

Concen: 4.682 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU058325.D

Acq: 02 Apr 2024 08:57

Instrument :

MSVOA_U

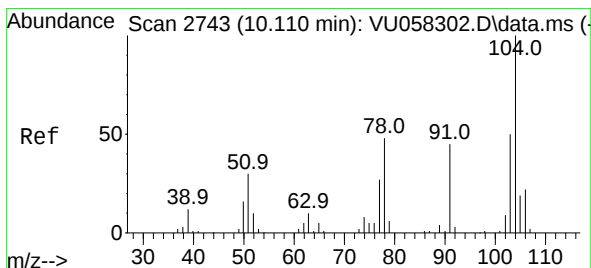
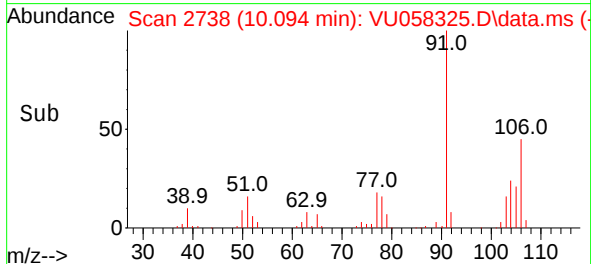
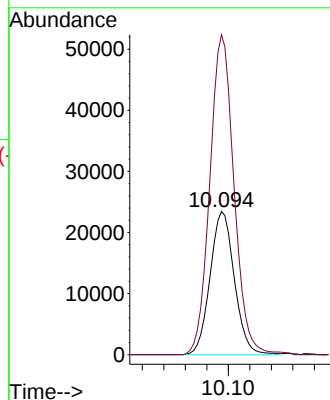
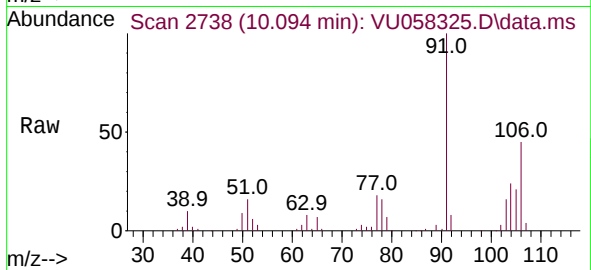
ClientSampleId :

Tgt Ion:106 Resp: 36723

Ion Ratio Lower Upper

106 100

91 223.5 154.3 286.7



#55

Styrene

Concen: 4.811 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU058325.D

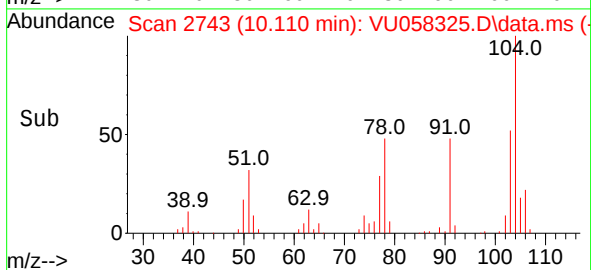
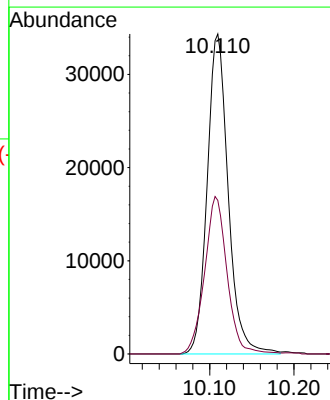
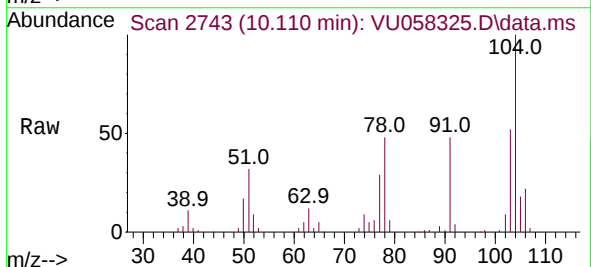
Acq: 02 Apr 2024 08:57

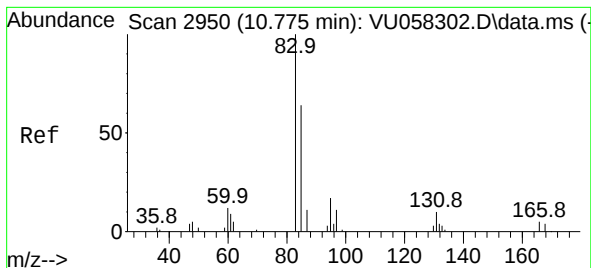
Tgt Ion:104 Resp: 59580

Ion Ratio Lower Upper

104 100

78 48.0 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.024 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058325.D

Acq: 02 Apr 2024 08:57

Instrument :

MSVOA_U

ClientSampleId :

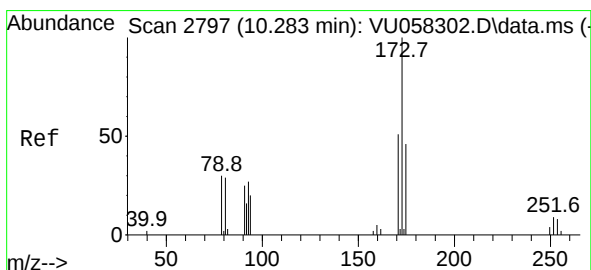
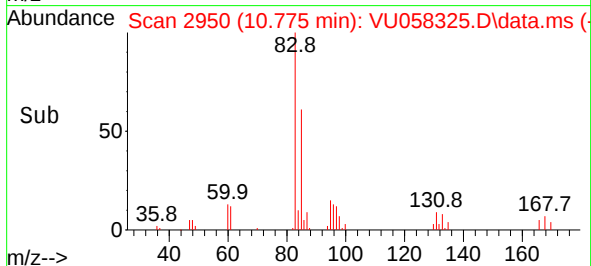
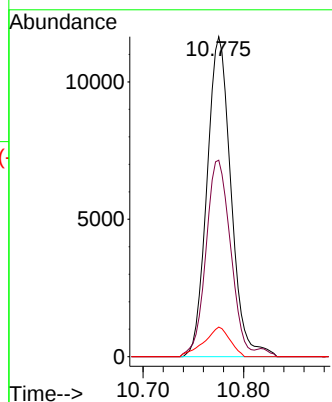
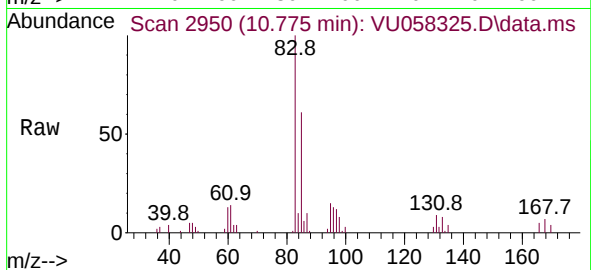
Tgt Ion: 83 Resp: 19259

Ion Ratio Lower Upper

83 100

85 61.4 44.7 82.9

131 9.2 7.0 10.6



#59

Bromoform

Concen: 5.294 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU058325.D

Acq: 02 Apr 2024 08:57

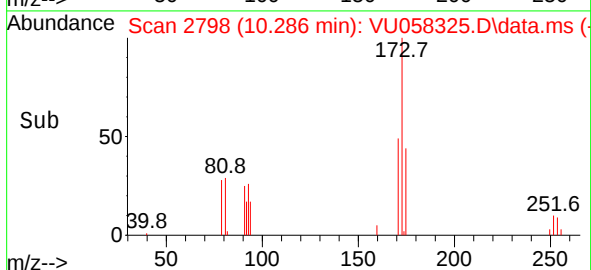
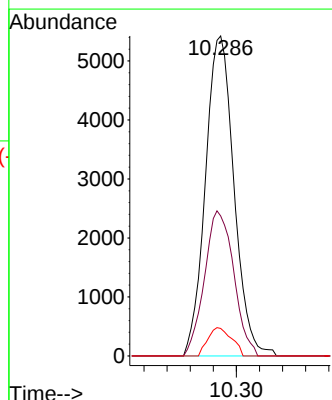
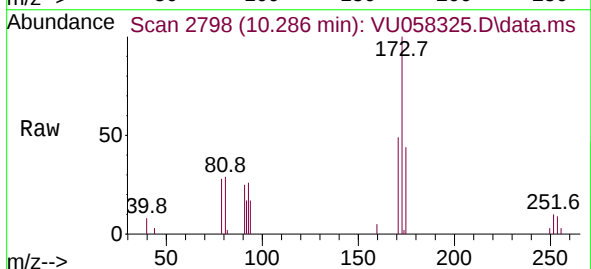
Tgt Ion:173 Resp: 9312

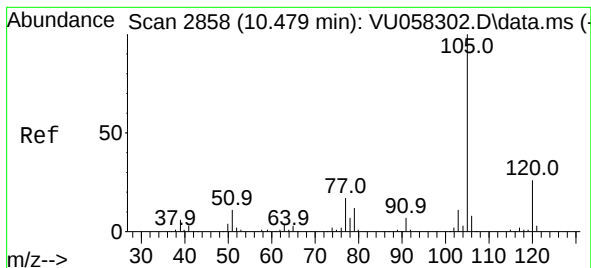
Ion Ratio Lower Upper

173 100

175 46.3 40.9 61.3

254 7.3 5.8 8.8





#60

Isopropylbenzene

Concen: 4.719 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU058325.D

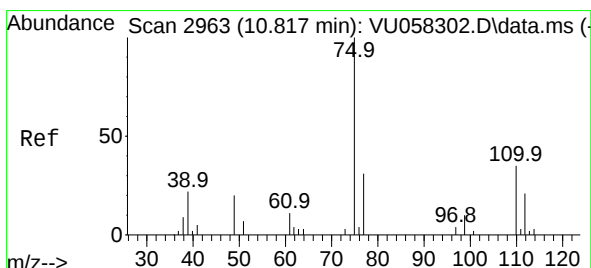
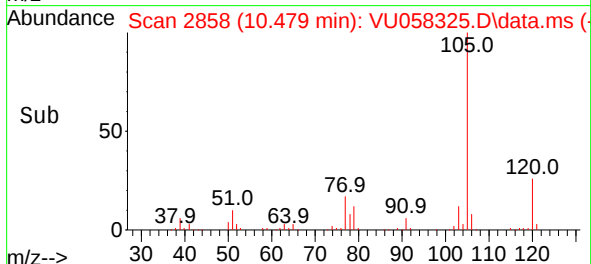
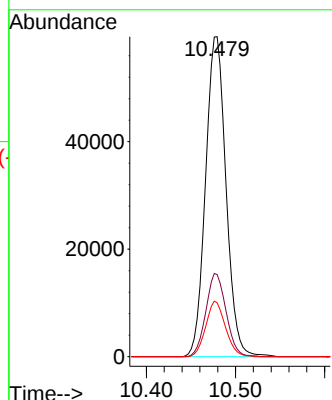
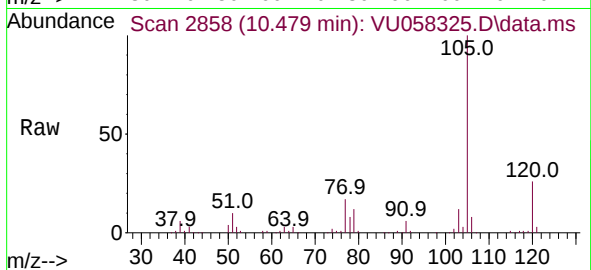
Acq: 02 Apr 2024 08:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	94951
Ion Ratio	Lower	Upper	
105	100		
120	25.6	20.5	30.7
77	16.6	13.2	19.8



#61

1,2,3-Trichloropropane

Concen: 4.893 ug/L

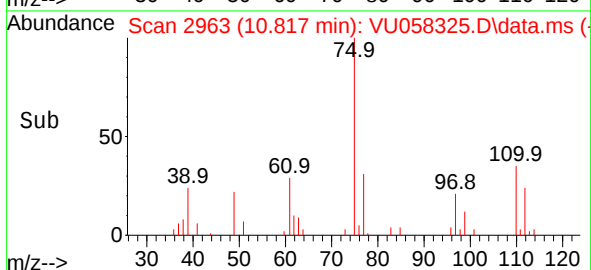
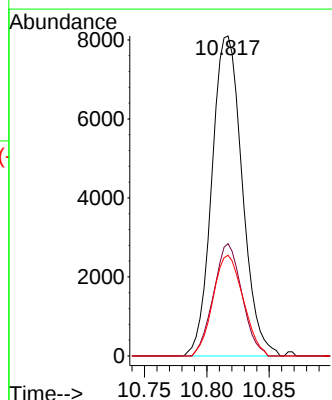
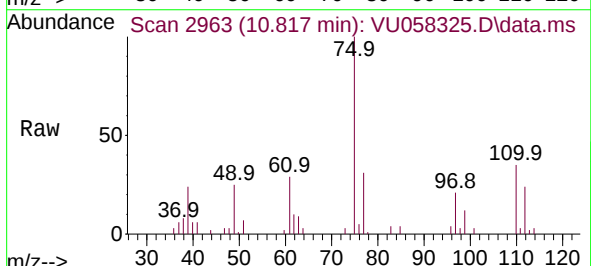
RT: 10.817 min Scan# 2963

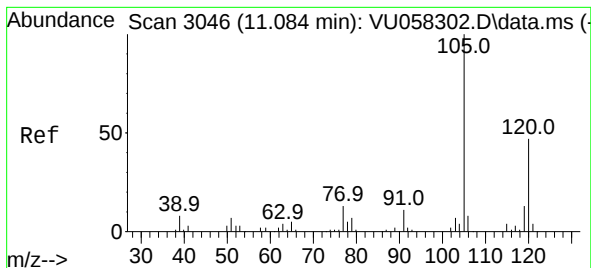
Delta R.T. 0.000 min

Lab File: VU058325.D

Acq: 02 Apr 2024 08:57

Tgt Ion:	75	Resp:	13723
Ion Ratio	Lower	Upper	
75	100		
110	32.8	28.1	42.1
77	31.3	25.1	37.7





#62

1,3,5-Trimethylbenzene

Concen: 4.565 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU058325.D

Acq: 02 Apr 2024 08:57

Instrument :

MSVOA_U

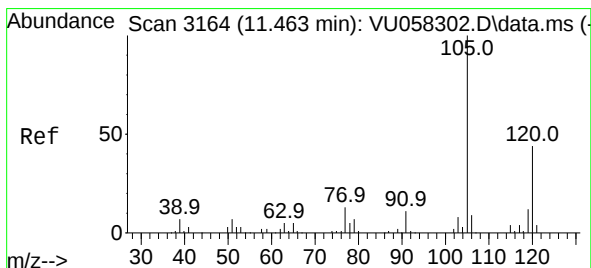
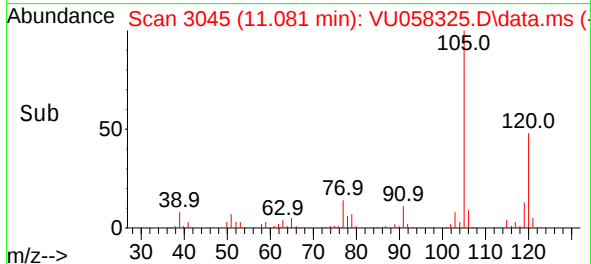
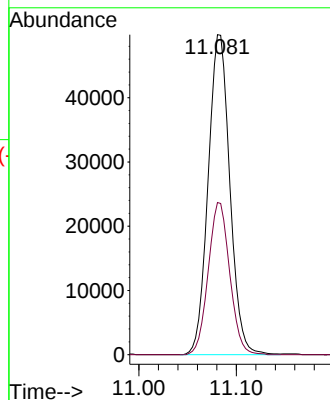
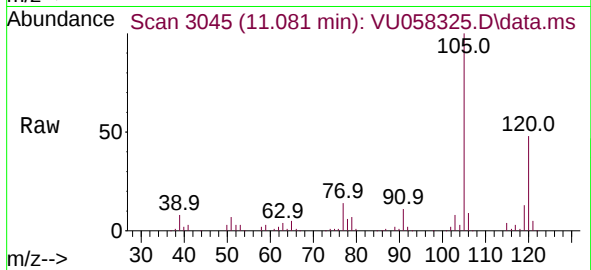
ClientSampleId :

Tgt Ion:105 Resp: 77084

Ion Ratio Lower Upper

105 100

120 47.1 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.605 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU058325.D

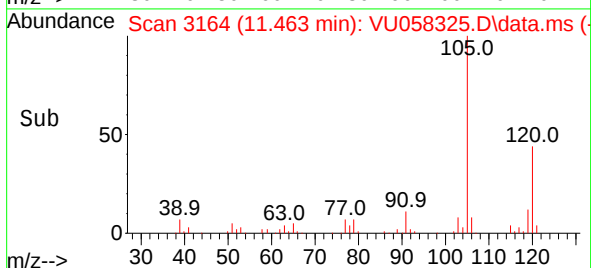
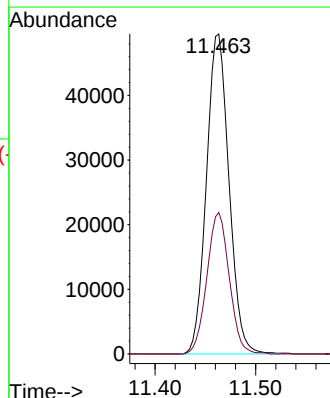
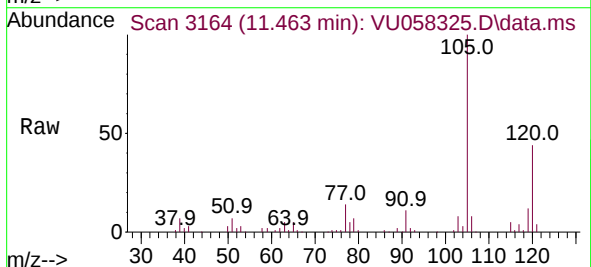
Acq: 02 Apr 2024 08:57

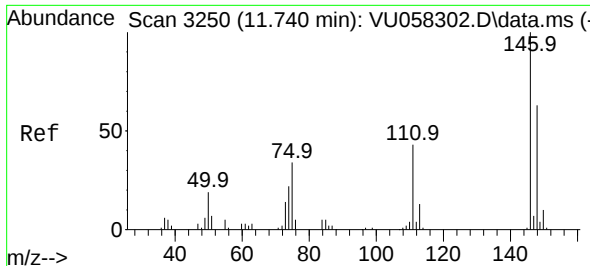
Tgt Ion:105 Resp: 77237

Ion Ratio Lower Upper

105 100

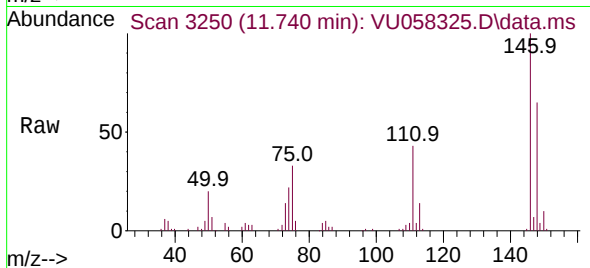
120 43.8 35.9 53.9



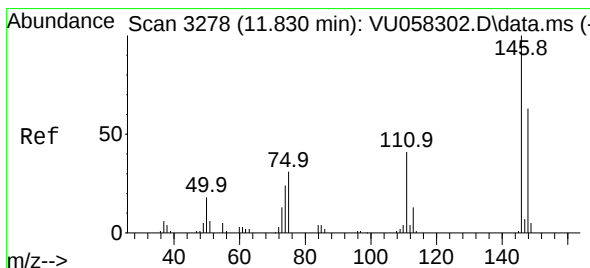
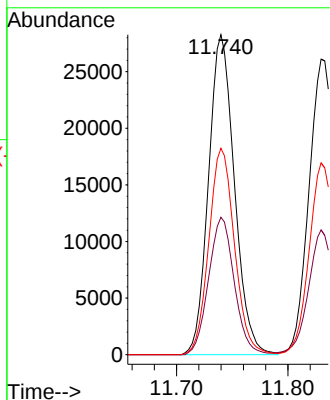
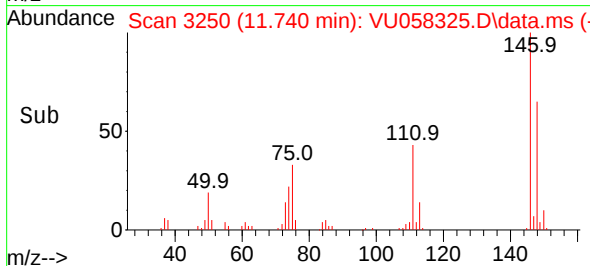


#64
1,3-Dichlorobenzene
Concen: 4.874 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

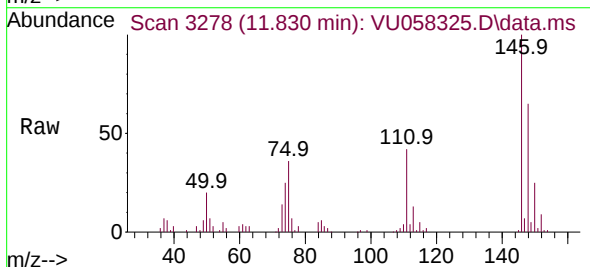
Instrument :
MSVOA_U
ClientSampleId :



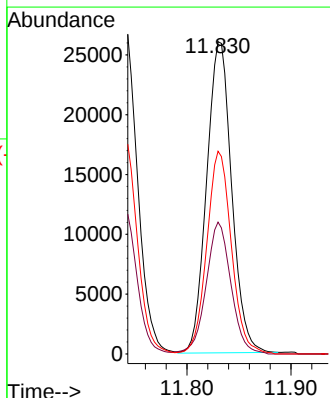
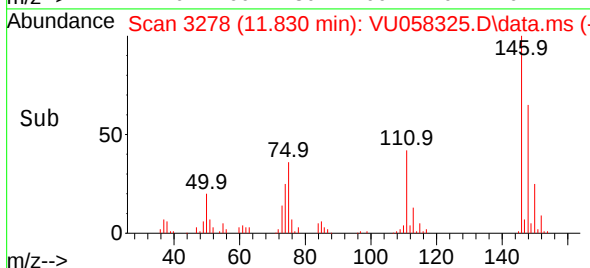
Tgt Ion:146 Resp: 45671
Ion Ratio Lower Upper
146 100
111 42.9 29.9 55.5
148 64.5 44.4 82.4

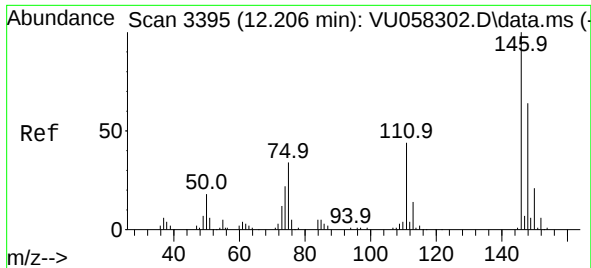


#65
1,4-Dichlorobenzene
Concen: 4.813 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57



Tgt Ion:146 Resp: 43589
Ion Ratio Lower Upper
146 100
111 42.2 29.0 53.8
148 64.9 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 4.778 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058325.D

Acq: 02 Apr 2024 08:57

Instrument :

MSVOA_U

ClientSampleId :

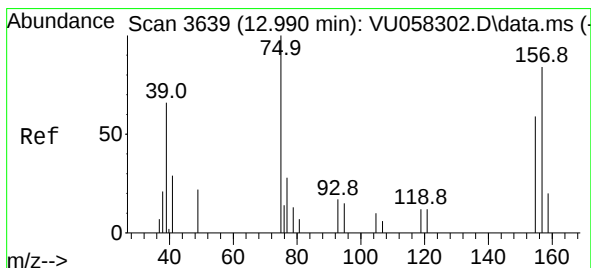
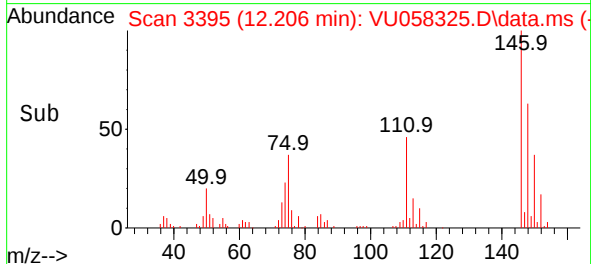
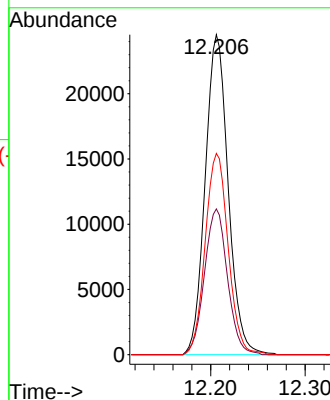
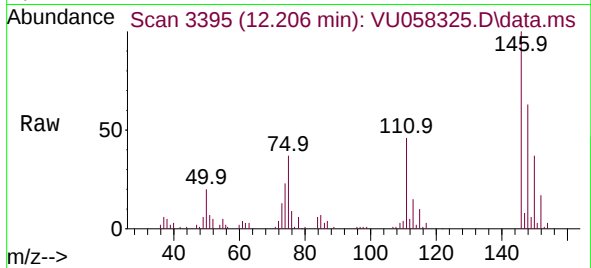
Tgt Ion:146 Resp: 41404

Ion Ratio Lower Upper

146 100

111 45.6 35.9 53.9

148 62.9 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.835 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU058325.D

Acq: 02 Apr 2024 08:57

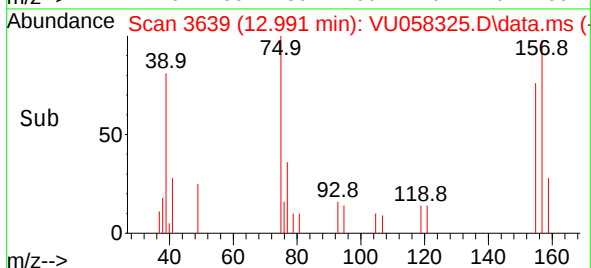
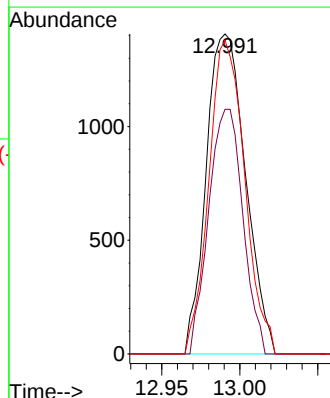
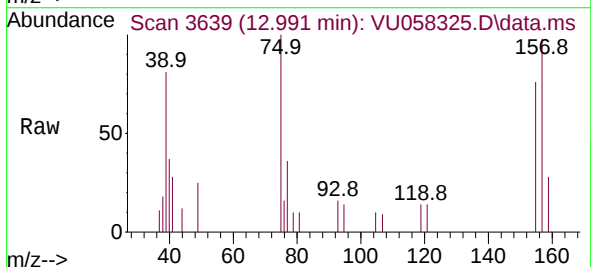
Tgt Ion: 75 Resp: 2468

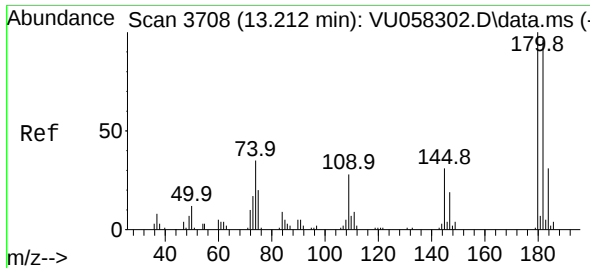
Ion Ratio Lower Upper

75 100

155 76.5 60.2 90.2

157 98.0 82.6 123.8





#69

1,3,5-Trichlorobenzene

Concen: 5.002 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.000 min

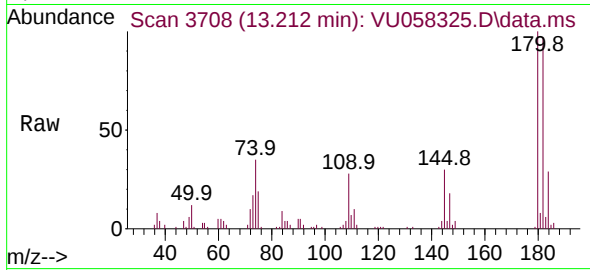
Lab File: VU058325.D

Acq: 02 Apr 2024 08:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 32772

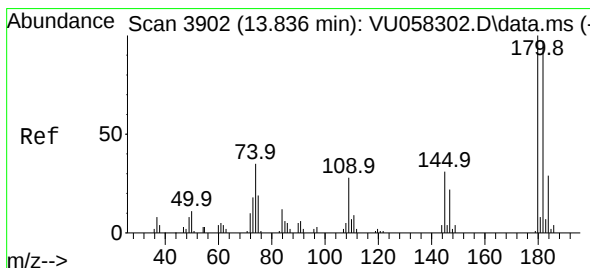
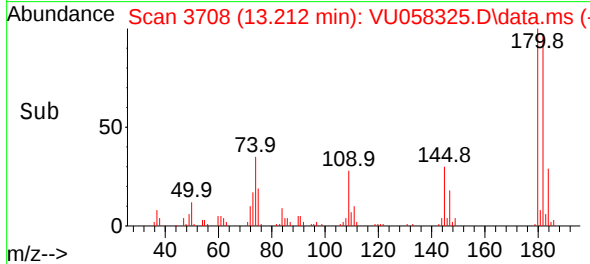
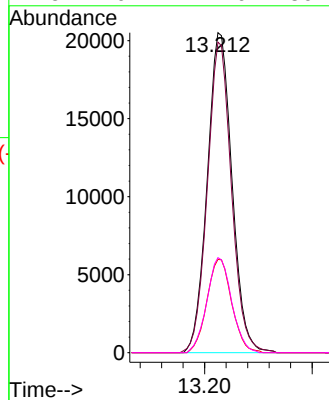
Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.0

184 29.3 24.8 37.2

145 29.7 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 4.804 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU058325.D

Acq: 02 Apr 2024 08:57

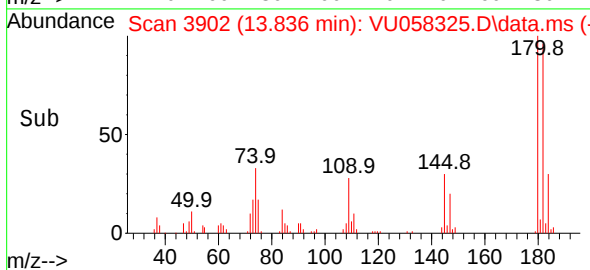
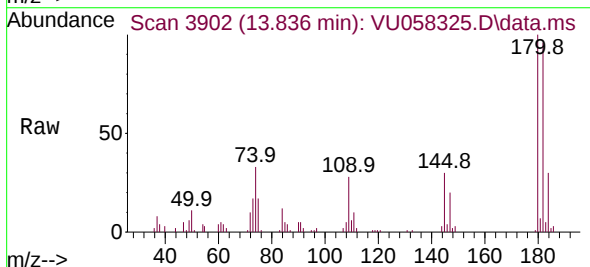
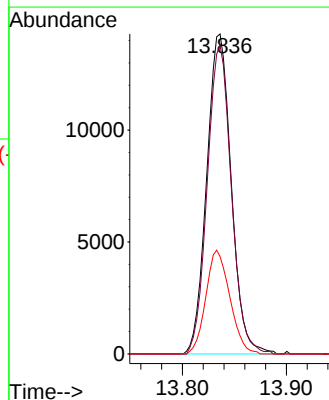
Tgt Ion:180 Resp: 23477

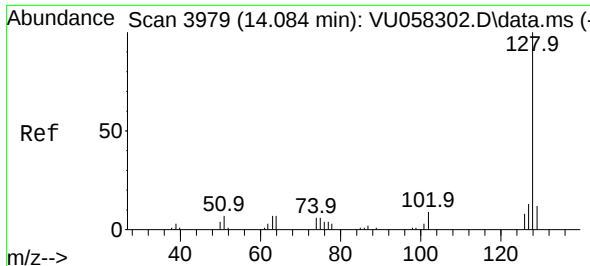
Ion Ratio Lower Upper

180 100

182 94.5 74.5 111.7

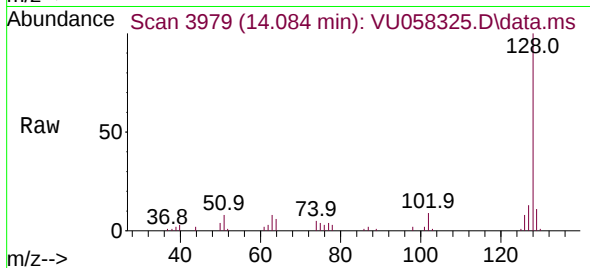
145 31.6 24.5 36.7



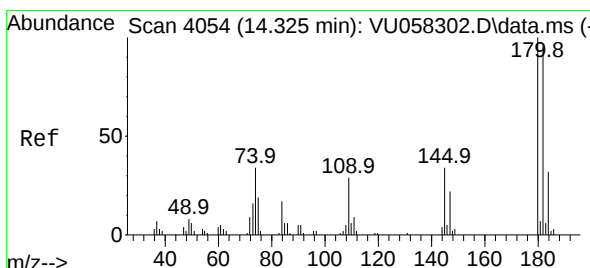
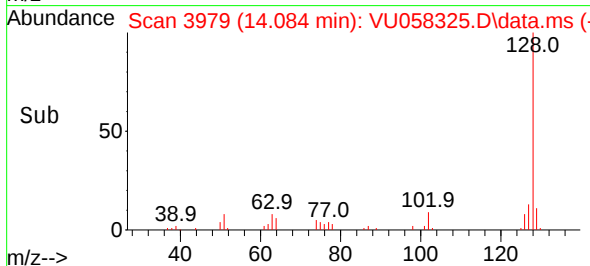
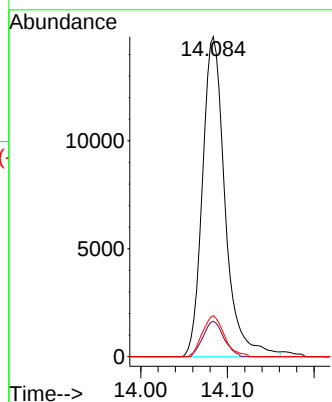


#71
Naphthalene
Concen: 4.035 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 26854
Ion Ratio Lower Upper
128 100
129 10.2 8.1 12.1
127 12.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.826 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU058325.D
Acq: 02 Apr 2024 08:57

Tgt Ion:180 Resp: 19314
Ion Ratio Lower Upper
180 100
182 92.0 74.4 111.6
145 32.8 26.3 39.5

