

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041624\
 Data File : VU058729.D
 Acq On : 16 Apr 2024 20:22
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 17 01:16:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 01:09:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	75952	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	93965	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	36320	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	14679	2.919	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.400%
7) Chloroethane-d5	1.904	69	17803	4.074	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.557	65	6628	2.912	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.200%#
20) 2-Butanone-d5	4.615	46	66501	62.754	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.500%
24) Chloroform-d	5.052	84	45946	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.692	65	23382	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.718	84	77986	3.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.600%#
36) 1,2-Dichloropropane-d6	6.682	67	29252	3.687	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.800%
41) Toluene-d8	7.891	98	79172	3.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	8.174	79	10444	4.241	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.624	63	62975	61.999	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.000%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	28751	5.133	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	23085	3.774	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	23277	3.677	ug/L	99
3) Chloromethane	1.512	50	30582	3.947	ug/L	100
5) Vinyl chloride	1.599	62	30660	3.962	ug/L	99
6) Bromomethane	1.850	94	14309	3.909	ug/L	98
8) Chloroethane	1.927	64	21666	4.432	ug/L	99
9) Trichlorofluoromethane	2.129	101	43530	4.260	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	27348	4.504	ug/L	97
12) 1,1-Dichloroethene	2.573	96	23198	4.310	ug/L	88
13) Acetone	2.628	43	38460	42.522	ug/L	99
14) Carbon disulfide	2.785	76	61870	3.619	ug/L	100
15) Methyl Acetate	2.946	43	10286	4.820	ug/L	100
16) Methylene chloride	3.033	84	33095	4.633	ug/L	95
17) Methyl tert-butyl Ether	3.348	73	61667	4.850	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	25031	4.437	ug/L	96
19) 1,1-Dichloroethane	3.856	63	59639	4.843	ug/L	97
21) 2-Butanone	4.695	43	62556	46.273	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	30249	4.775	ug/L	98
23) Bromochloromethane	4.965	128	11839	4.743	ug/L	94
25) Chloroform	5.075	83	59633	5.004	ug/L	100

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 Quant Title : TRACE VOA SFAM1.0
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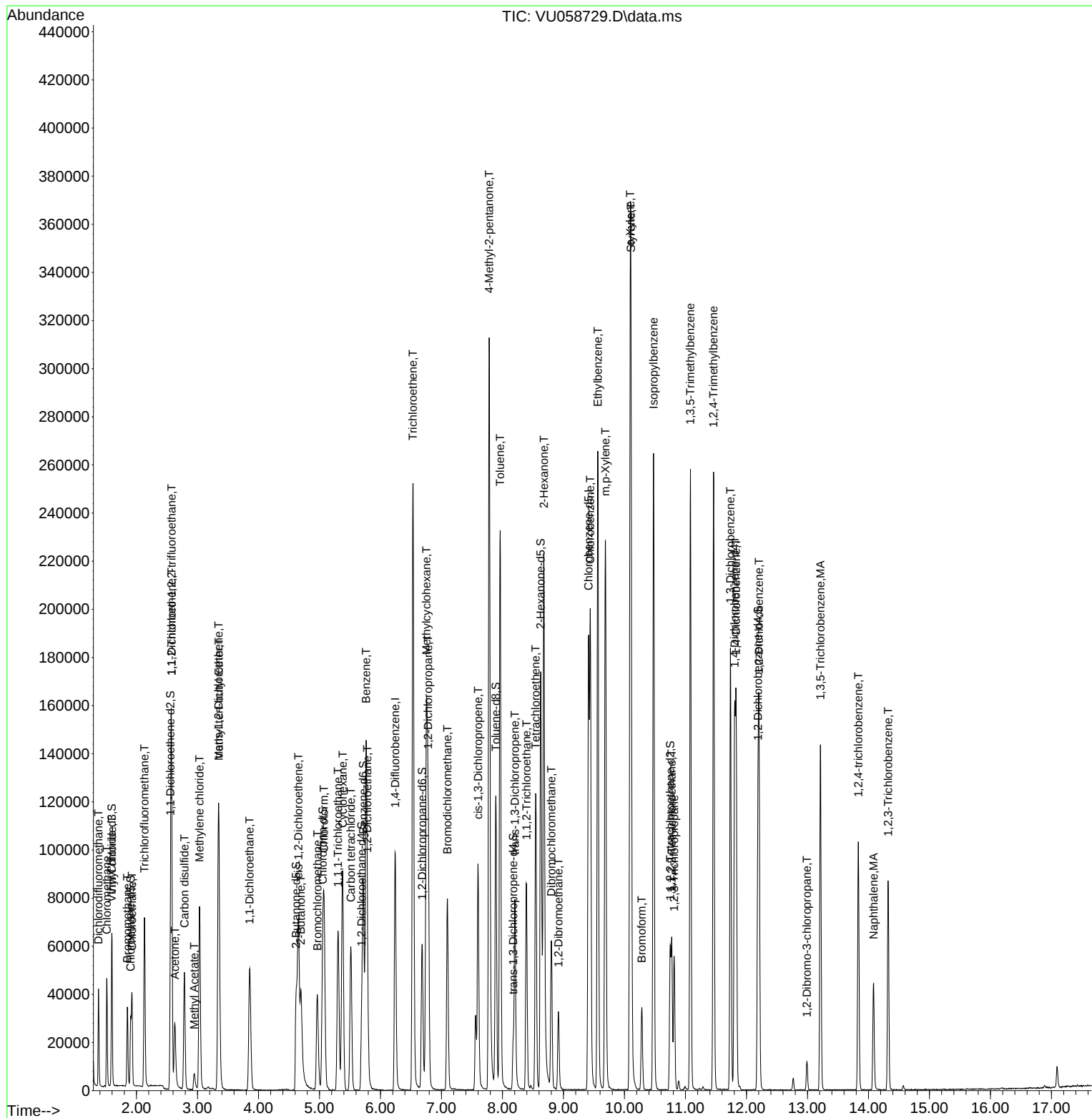
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	35208	4.851	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	47021	3.732	ug/L	98
30) Cyclohexane	5.380	56	43612	3.278	ug/L	99
31) Carbon tetrachloride	5.515	117	39448	3.697	ug/L	100
33) Benzene	5.763	78	121310	3.561	ug/L	100
34) Trichloroethene	6.531	95	85537	9.962	ug/L	97
35) Methylcyclohexane	6.753	83	56102	4.337	ug/L	96
37) 1,2-Dichloropropane	6.782	63	45930	5.125	ug/L	99
38) Bromodichloromethane	7.097	83	53682	5.248	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	54644	4.795	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	224411	53.201	ug/L	99
42) Toluene	7.962	91	166502	4.660	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	45369	5.048	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	25994	4.966	ug/L	98
47) Tetrachloroethene	8.544	164	26536	4.216	ug/L	95
48) 2-Hexanone	8.679	43	152667	50.982	ug/L	98
49) Dibromochloromethane	8.801	129	29998	4.957	ug/L	100
50) 1,2-Dibromoethane	8.917	107	22114	4.620	ug/L	97
51) Chlorobenzene	9.438	112	98453	4.554	ug/L	95
52) Ethylbenzene	9.563	91	183453	4.847	ug/L	99
53) m,p-Xylene	9.689	106	64556	4.763	ug/L	96
54) o-Xylene	10.094	106	64149	4.828	ug/L	98
55) Styrene	10.107	104	104620	4.894	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	31514	4.881	ug/L	98
59) Bromoform	10.283	173	14879	6.132	ug/L	96
60) Isopropylbenzene	10.476	105	161858	6.087	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	23107	6.235	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	132770	6.123	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	138726	6.266	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	66631	5.159	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	56398	4.482	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	53009	4.512	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	3165	5.036	ug/L	91
69) 1,3,5-Trichlorobenzene	13.213	180	41471	4.342	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	29501	4.006	ug/L	98
71) Naphthalene	14.084	128	35711	3.538	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	24424	4.016	ug/L	99

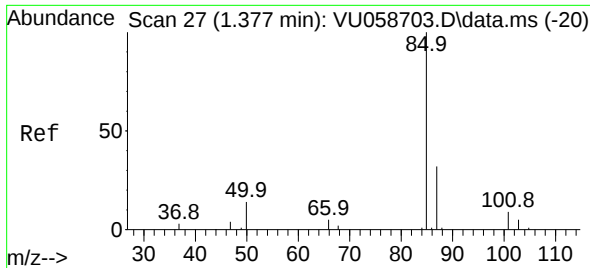
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Instrument :
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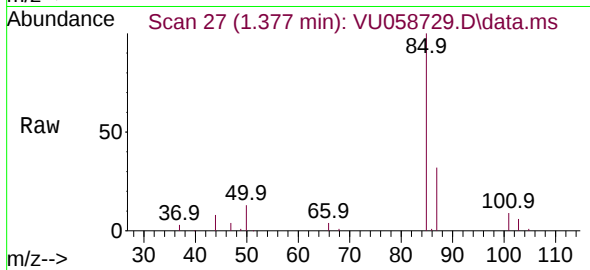
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
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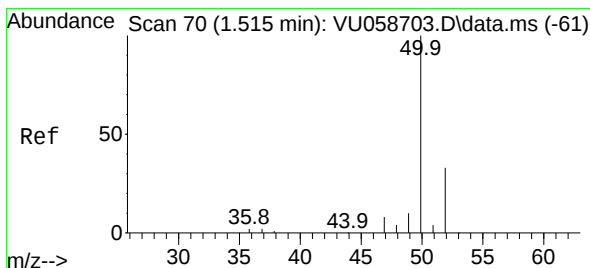
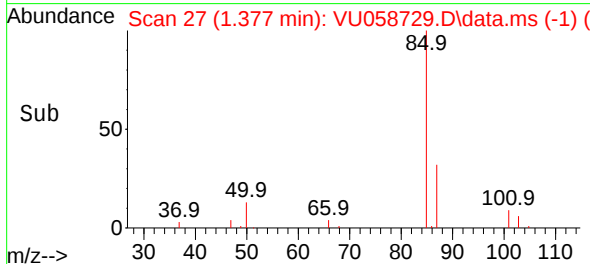
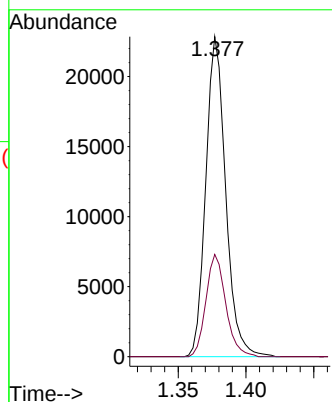


#2
 Dichlorodifluoromethane
 Concen: 3.677 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU058729.D
 Acq: 16 Apr 2024 20:22

Instrument :
 MSVOA_U
 ClientSampleId :

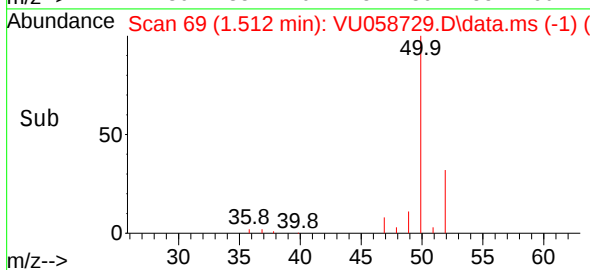
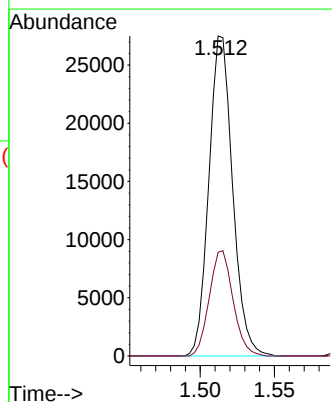
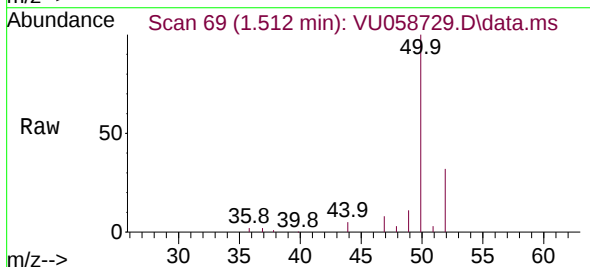


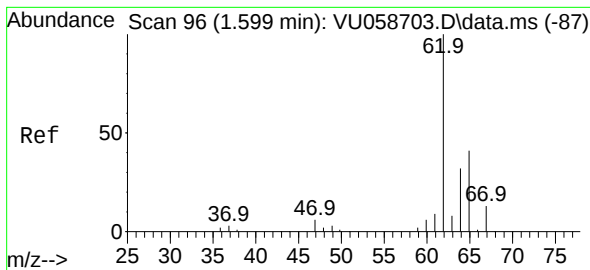
Tgt Ion: 85 Resp: 23277
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.9 38.9



#3
 Chloromethane
 Concen: 3.947 ug/L
 RT: 1.512 min Scan# 69
 Delta R.T. -0.003 min
 Lab File: VU058729.D
 Acq: 16 Apr 2024 20:22

Tgt Ion: 50 Resp: 30582
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.6 42.0





#5

Vinyl chloride

Concen: 3.962 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU058729.D

Acq: 16 Apr 2024 20:22

Instrument :

MSVOA_U

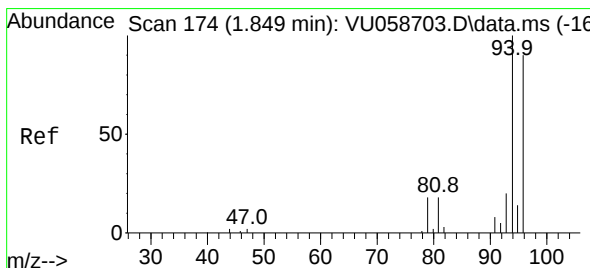
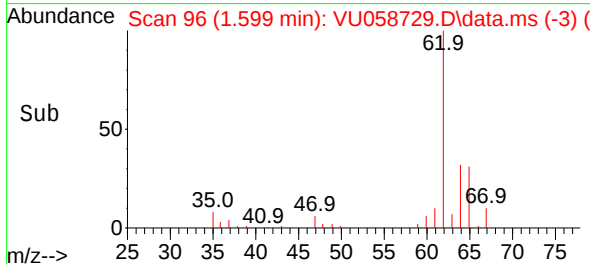
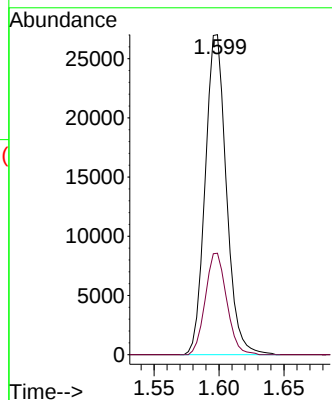
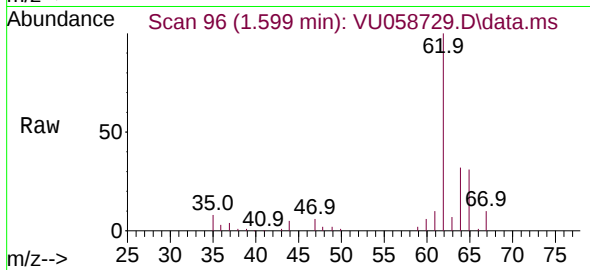
ClientSampleId :

Tgt Ion: 62 Resp: 30660

Ion Ratio Lower Upper

62 100

64 31.7 22.6 42.0



#6

Bromomethane

Concen: 3.909 ug/L

RT: 1.850 min Scan# 174

Delta R.T. 0.000 min

Lab File: VU058729.D

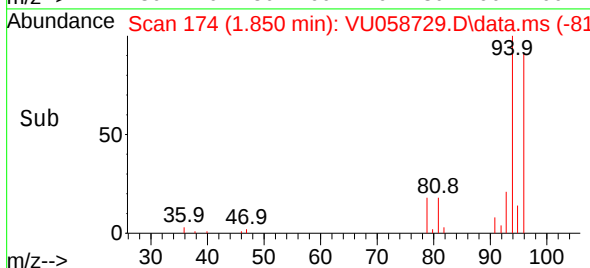
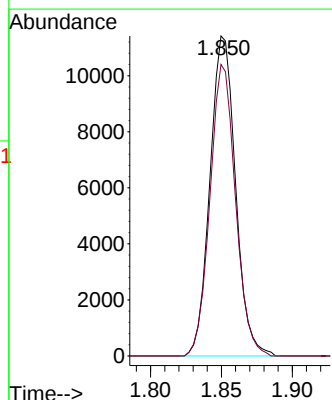
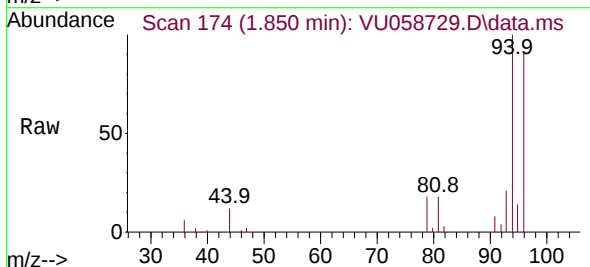
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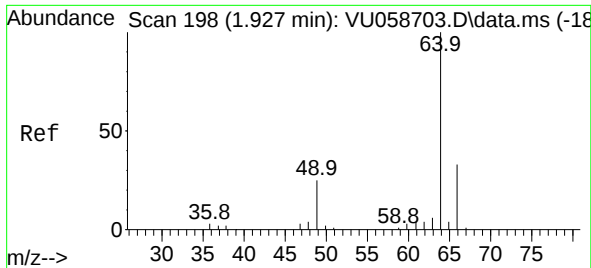
Tgt Ion: 94 Resp: 14309

Ion Ratio Lower Upper

94 100

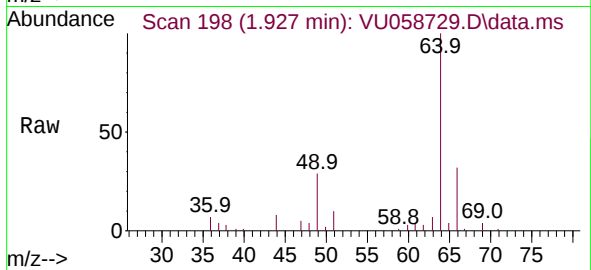
96 91.1 65.4 121.4



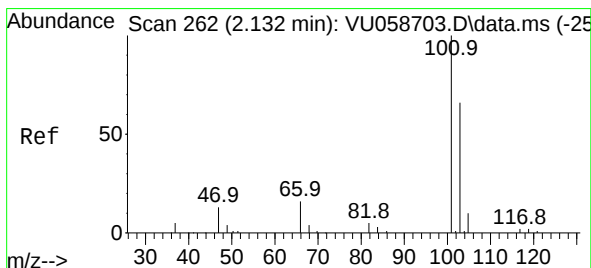
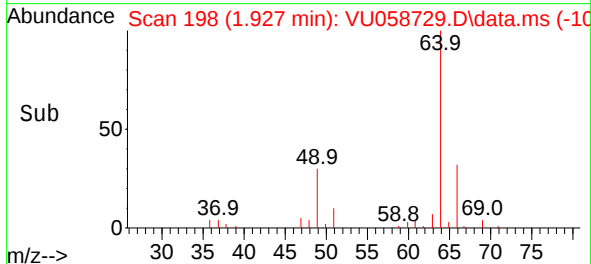
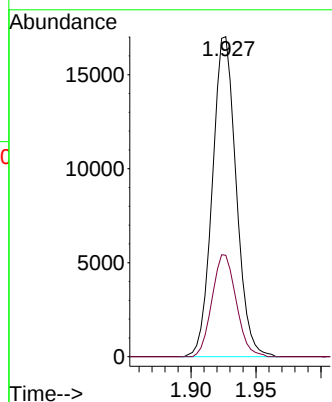


#8
Chloroethane
Concen: 4.432 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

Instrument :
MSVOA_U
ClientSampleId :

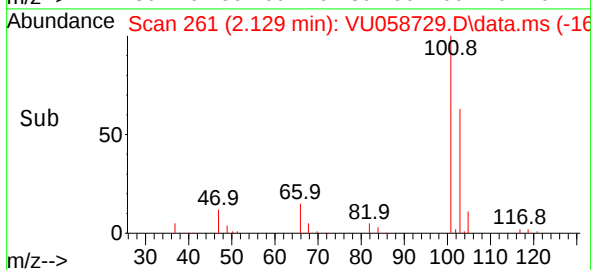
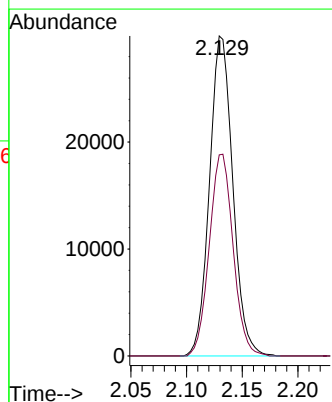
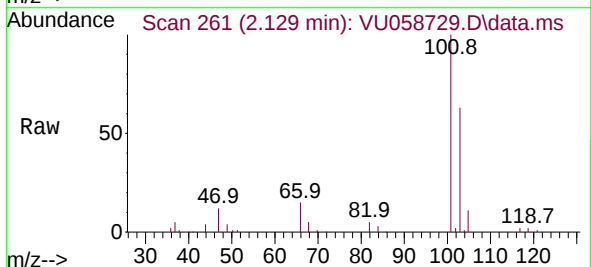


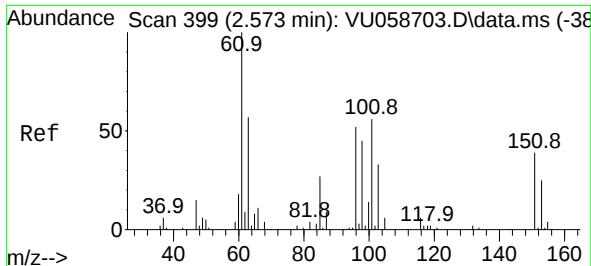
Tgt Ion: 64 Resp: 21666
Ion Ratio Lower Upper
64 100
66 31.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.260 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

Tgt Ion:101 Resp: 43530
Ion Ratio Lower Upper
101 100
103 64.4 51.2 76.8

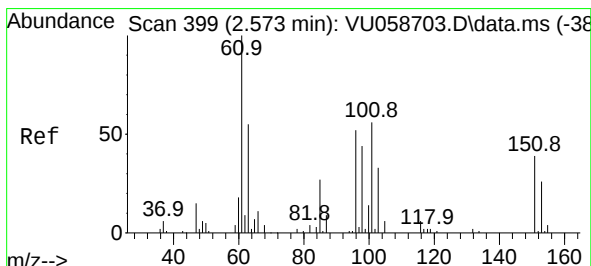
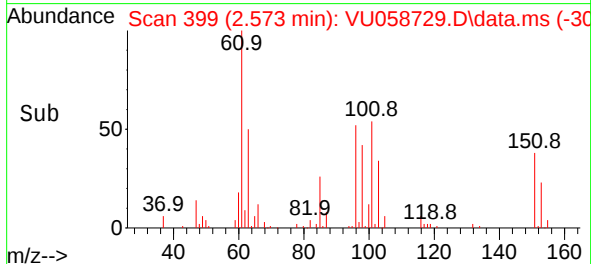
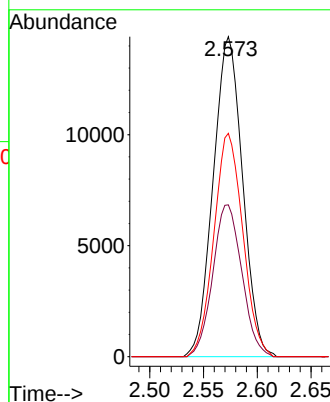
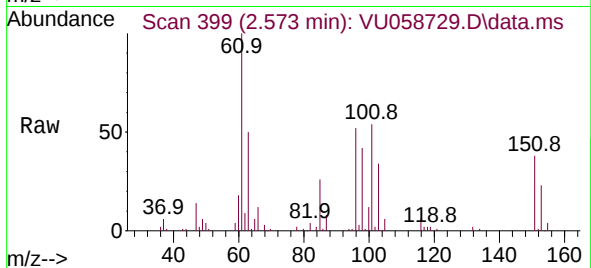




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.504 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

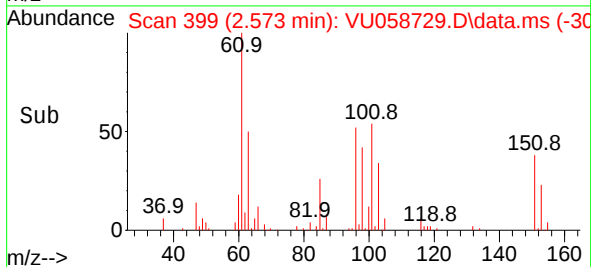
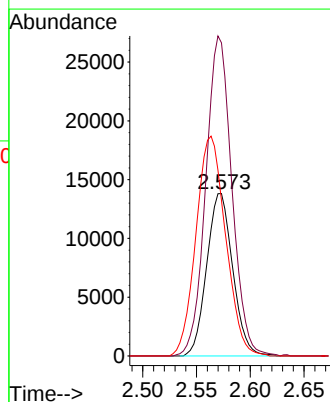
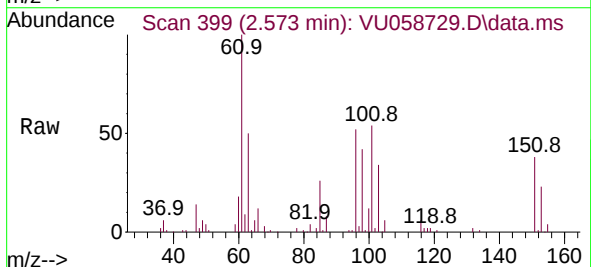
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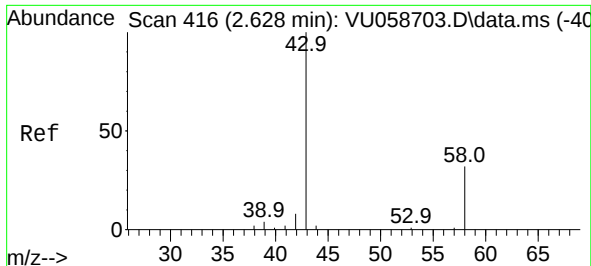
Tgt Ion:101 Resp: 27348
Ion Ratio Lower Upper
101 100
85 47.0 36.8 55.2
151 68.9 58.2 87.4



#12
1,1-Dichloroethene
Concen: 4.310 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

Tgt Ion: 96 Resp: 23198
Ion Ratio Lower Upper
96 100
61 192.9 132.5 246.1
63 95.7 87.7 162.9





#13

Acetone

Concen: 42.522 ug/L

RT: 2.628 min Scan# 416

Delta R.T. 0.000 min

Lab File: VU058729.D

Acq: 16 Apr 2024 20:22

Instrument :

MSVOA_U

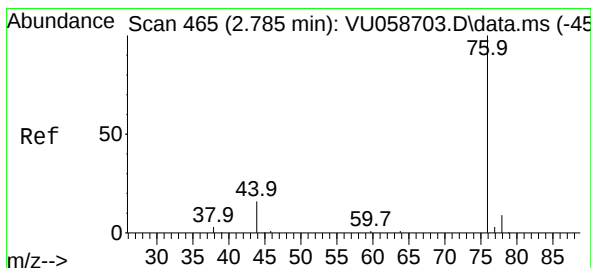
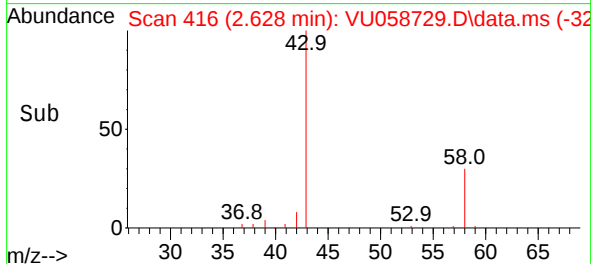
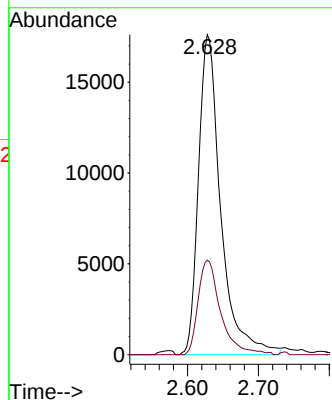
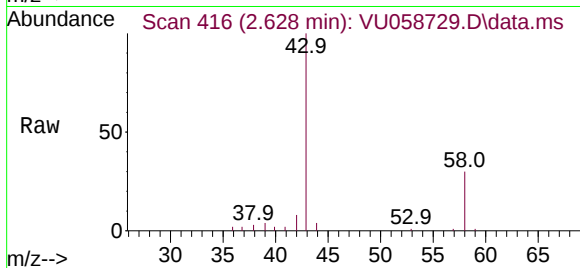
ClientSampleId :

Tgt Ion: 43 Resp: 38460

Ion Ratio Lower Upper

43 100

58 29.9 0.0 61.4



#14

Carbon disulfide

Concen: 3.619 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU058729.D

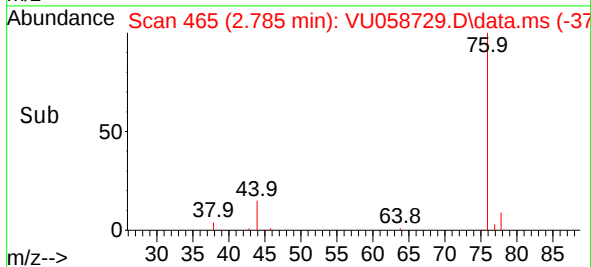
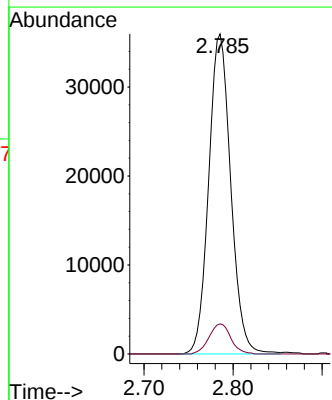
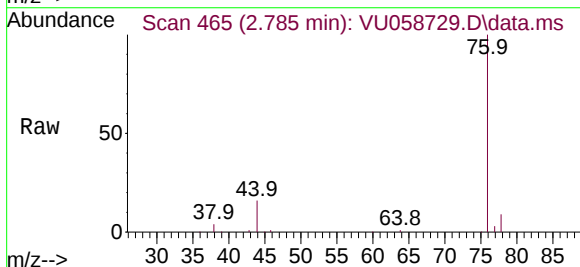
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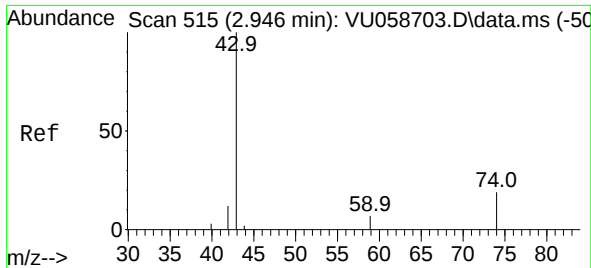
Tgt Ion: 76 Resp: 61870

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





#15

Methyl Acetate

Concen: 4.820 ug/L

RT: 2.946 min Scan# 515

Delta R.T. 0.000 min

Lab File: VU058729.D

Acq: 16 Apr 2024 20:22

Instrument :

MSVOA_U

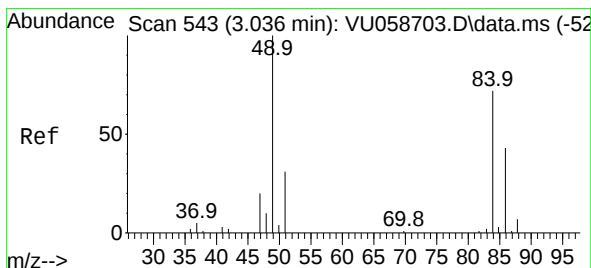
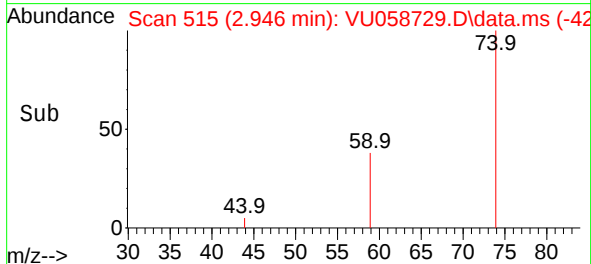
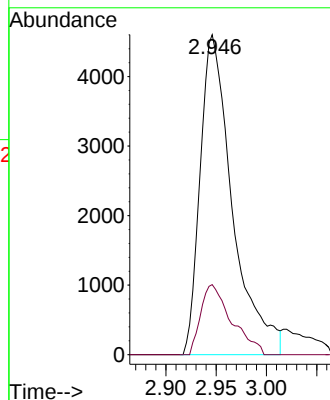
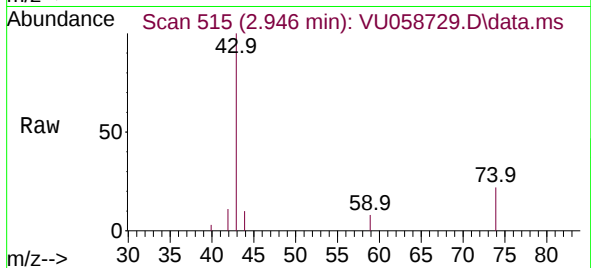
ClientSampleId :

Tgt Ion: 43 Resp: 10286

Ion Ratio Lower Upper

43 100

74 20.9 16.6 25.0



#16

Methylene chloride

Concen: 4.633 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.003 min

Lab File: VU058729.D

Acq: 16 Apr 2024 20:22

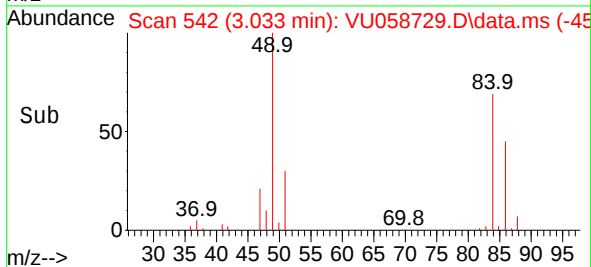
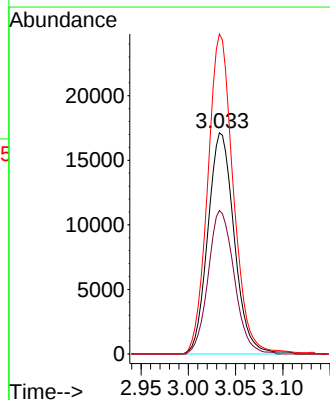
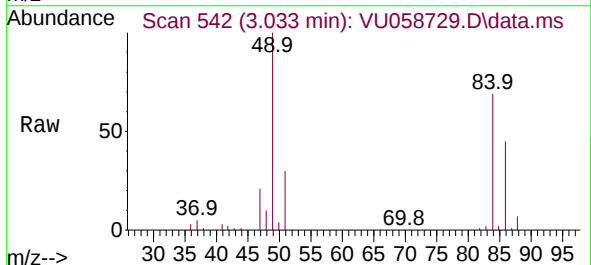
Tgt Ion: 84 Resp: 33095

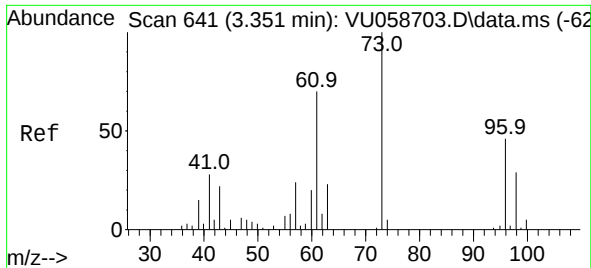
Ion Ratio Lower Upper

84 100

86 64.9 44.3 82.3

49 144.8 96.0 178.2





#17

Methyl tert-butyl Ether

Concen: 4.850 ug/L

RT: 3.348 min Scan# 641

Delta R.T. -0.003 min

Lab File: VU058729.D

Acq: 16 Apr 2024 20:22

Instrument :

MSVOA_U

ClientSampleId :

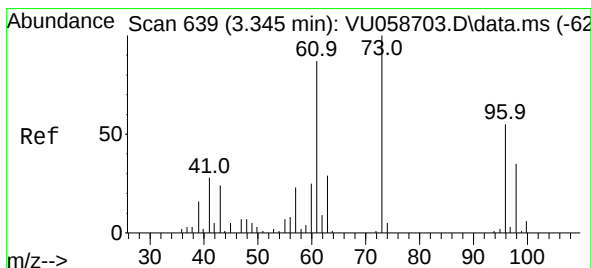
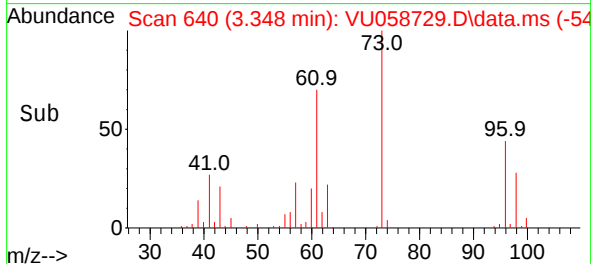
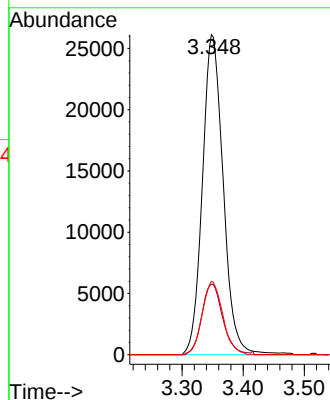
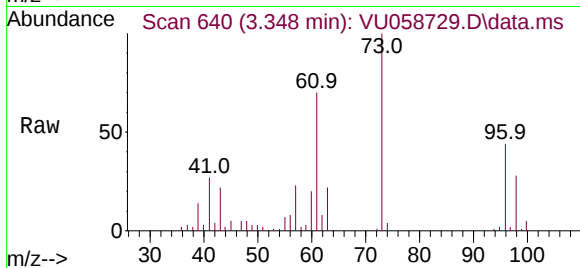
Tgt Ion: 73 Resp: 61667

Ion Ratio Lower Upper

73 100

43 22.3 17.4 26.2

57 22.5 18.6 27.8



#18

trans-1,2-Dichloroethene

Concen: 4.437 ug/L

RT: 3.345 min Scan# 639

Delta R.T. 0.000 min

Lab File: VU058729.D

Acq: 16 Apr 2024 20:22

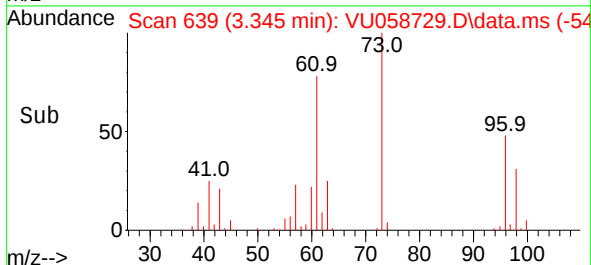
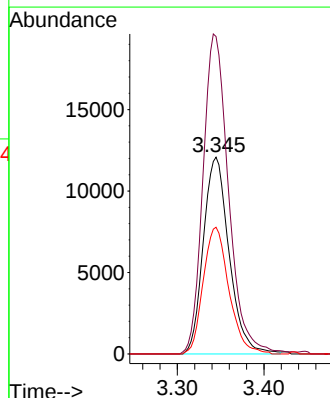
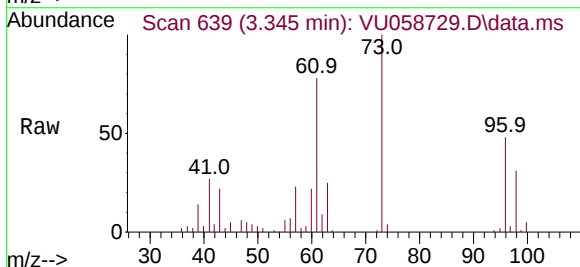
Tgt Ion: 96 Resp: 25031

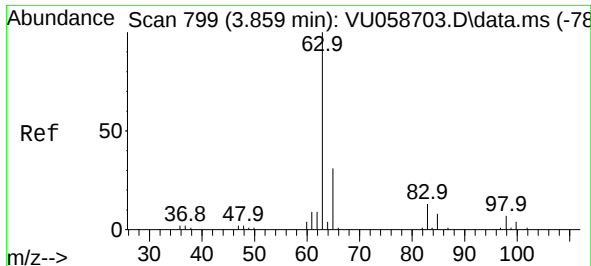
Ion Ratio Lower Upper

96 100

61 161.3 107.6 199.8

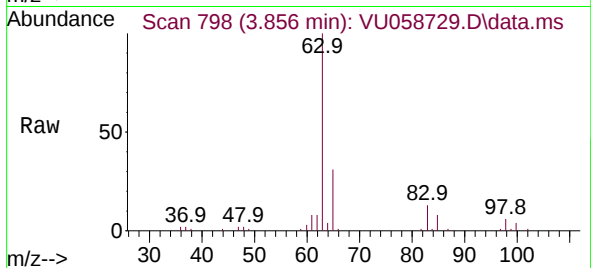
98 64.4 45.1 83.7



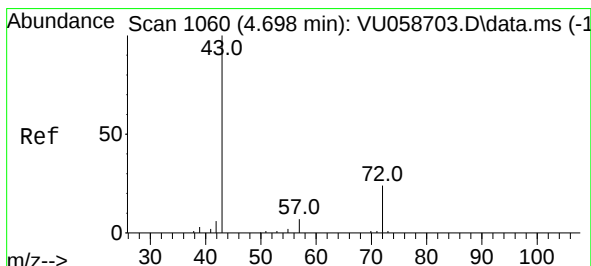
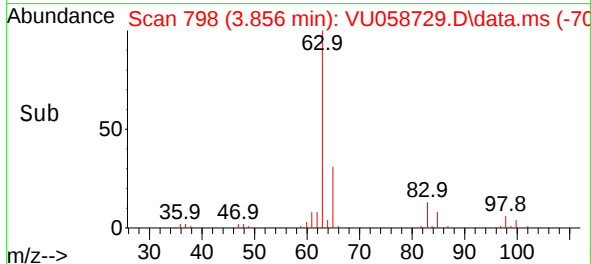
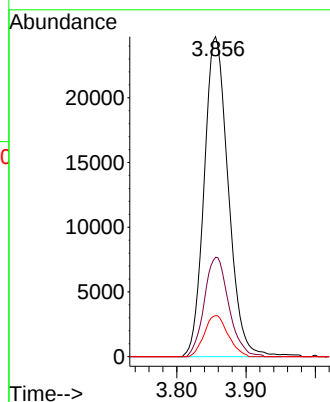


#19
1,1-Dichloroethane
Concen: 4.843 ug/L
RT: 3.856 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

Instrument :
MSVOA_U
ClientSampleId :

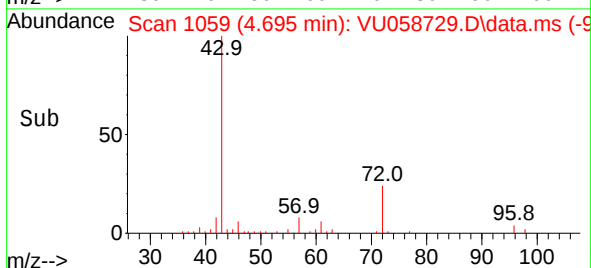
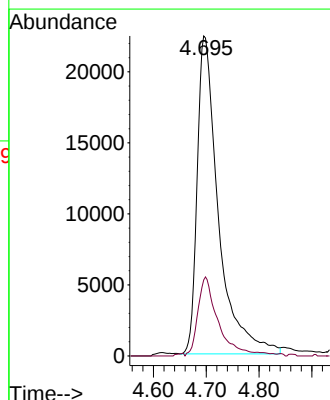
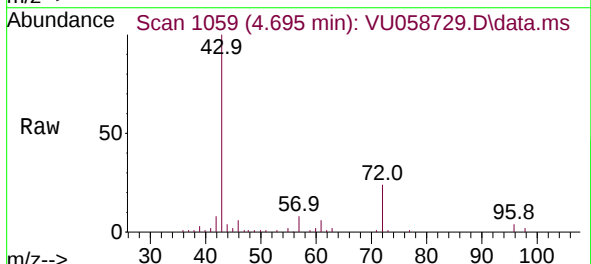


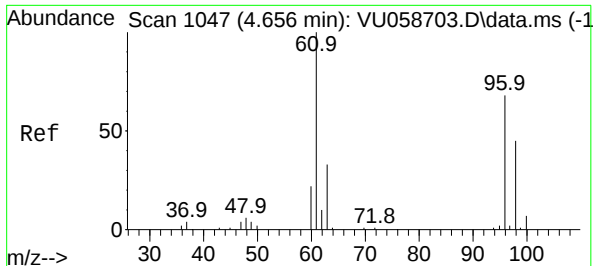
Tgt Ion: 63 Resp: 59639
Ion Ratio Lower Upper
63 100
65 31.0 22.9 42.5
83 12.8 9.6 17.8



#21
2-Butanone
Concen: 46.273 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.003 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

Tgt Ion: 43 Resp: 62556
Ion Ratio Lower Upper
43 100
72 24.0 11.7 35.0

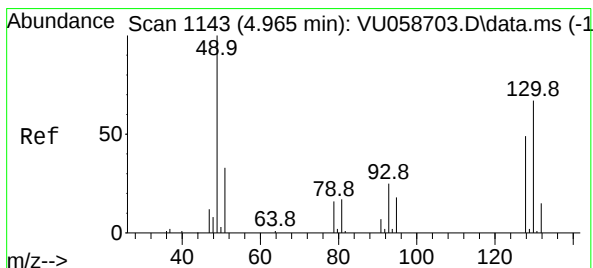
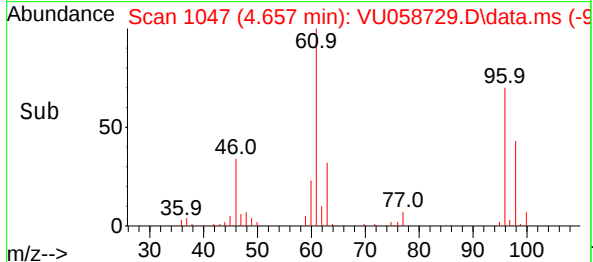
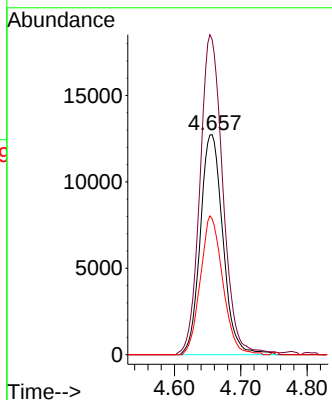
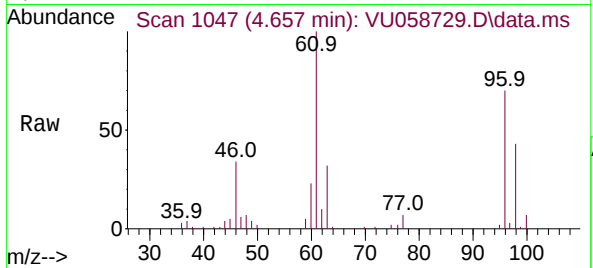




#22
 cis-1,2-Dichloroethene
 Concen: 4.775 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU058729.D
 Acq: 16 Apr 2024 20:22

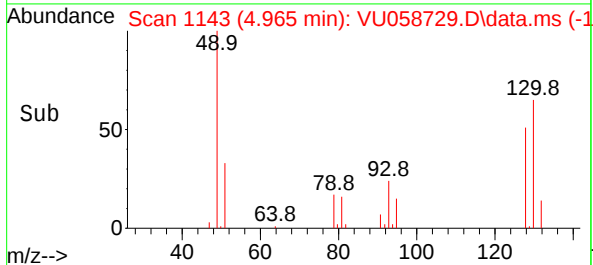
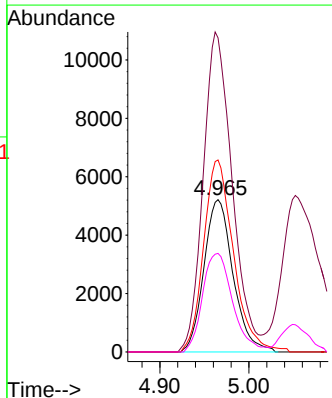
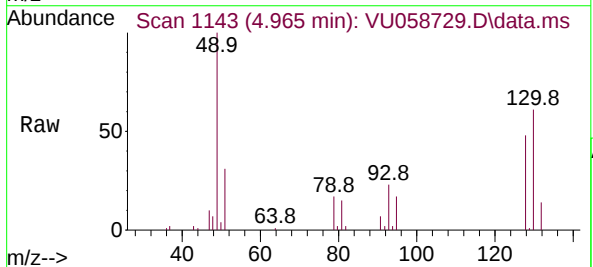
Instrument :
 MSVOA_U
 ClientSampleId :

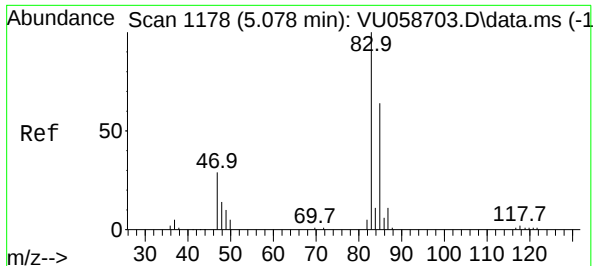
Tgt Ion: 96 Resp: 30249
 Ion Ratio Lower Upper
 96 100
 61 143.2 98.1 182.3
 98 61.8 43.6 81.0



#23
 Bromochloromethane
 Concen: 4.743 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU058729.D
 Acq: 16 Apr 2024 20:22

Tgt Ion: 128 Resp: 11839
 Ion Ratio Lower Upper
 128 100
 49 206.2 134.4 249.6
 130 126.1 90.0 167.2
 51 64.7 51.0 76.6





#25

Chloroform

Concen: 5.004 ug/L

RT: 5.075 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU058729.D

Acq: 16 Apr 2024 20:22

Instrument :

MSVOA_U

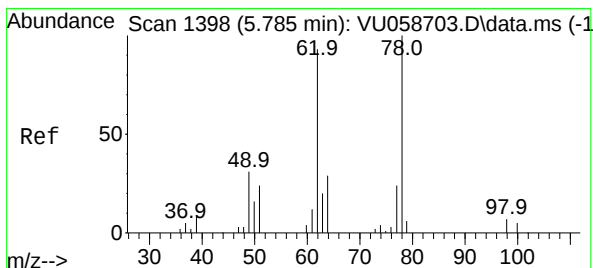
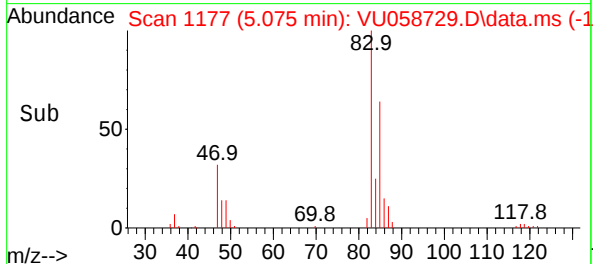
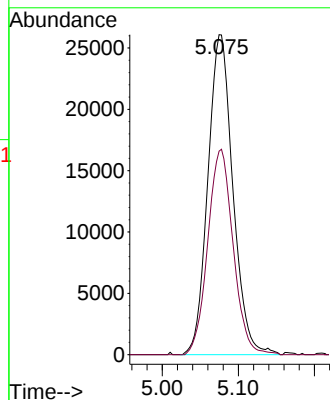
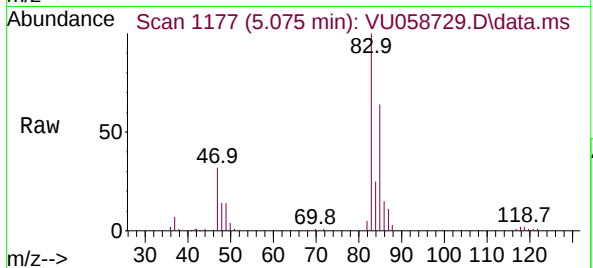
ClientSampleId :

Tgt Ion: 83 Resp: 59633

Ion Ratio Lower Upper

83 100

85 63.6 44.7 83.1



#27

1,2-Dichloroethane

Concen: 4.851 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU058729.D

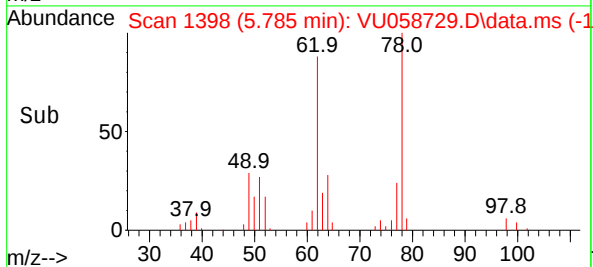
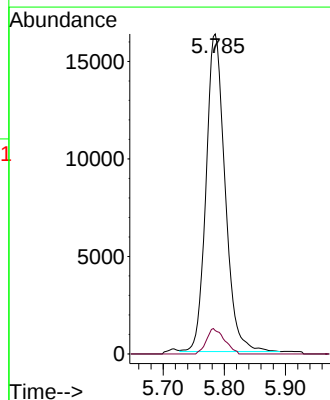
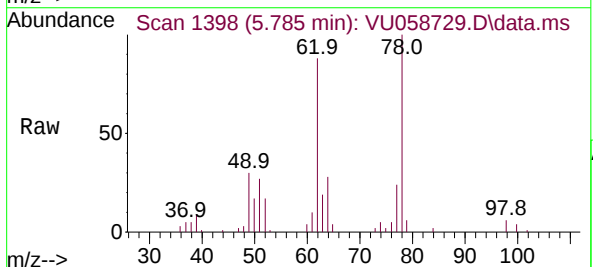
Acq: 16 Apr 2024 20:22

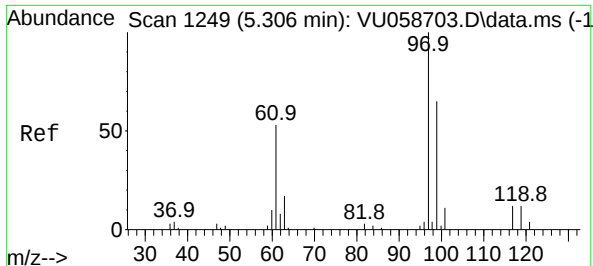
Tgt Ion: 62 Resp: 35208

Ion Ratio Lower Upper

62 100

98 7.3 7.0 10.4

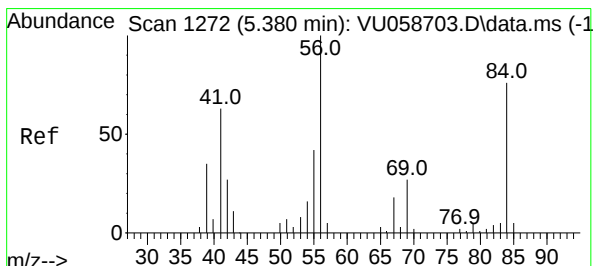
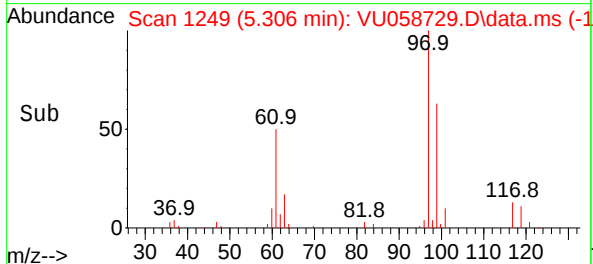
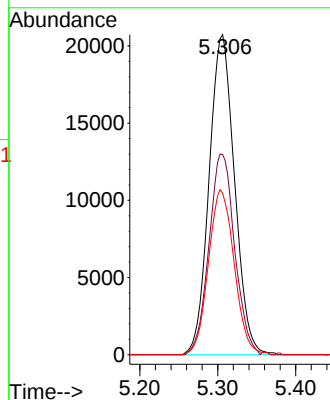
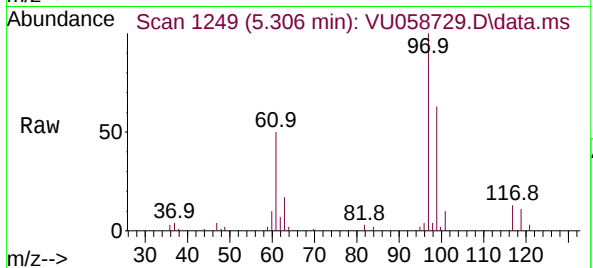




#29
1,1,1-Trichloroethane
Concen: 3.732 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

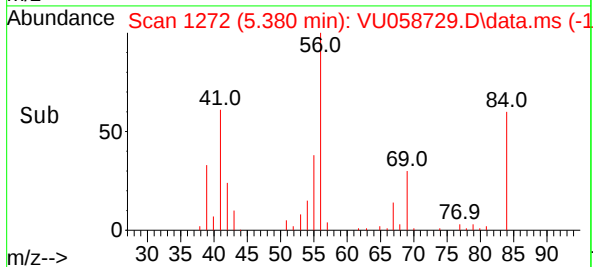
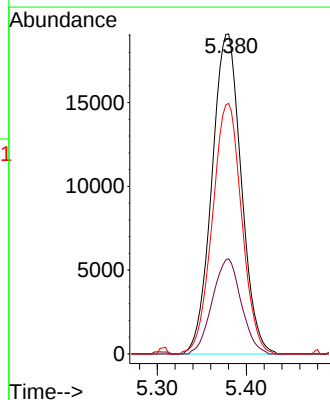
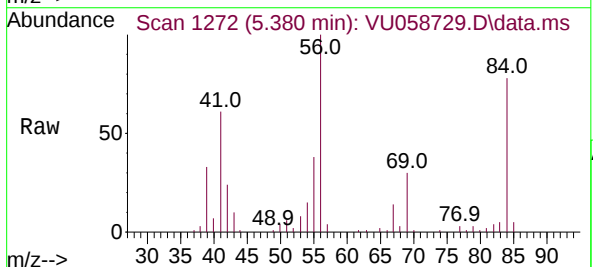
Instrument :
MSVOA_U
ClientSampleId :

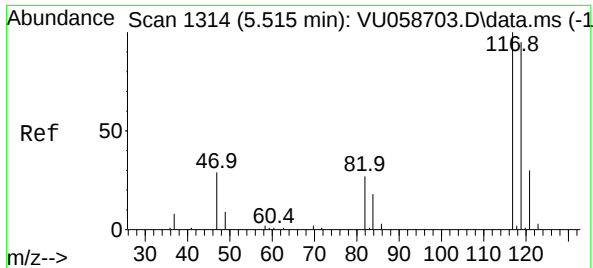
Tgt Ion:	97	Resp:	47021
Ion	Ratio	Lower	Upper
97	100		
99	63.2	50.4	75.6
61	52.1	39.4	59.0



#30
Cyclohexane
Concen: 3.278 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

Tgt Ion:	56	Resp:	43612
Ion	Ratio	Lower	Upper
56	100		
69	29.2	23.2	34.8
84	78.1	63.3	94.9

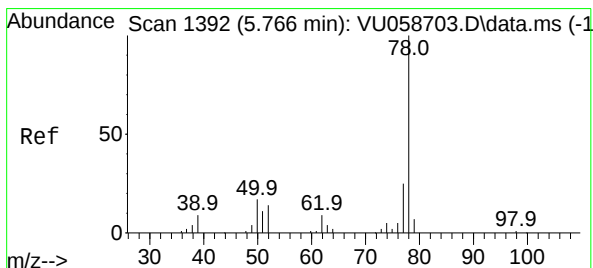
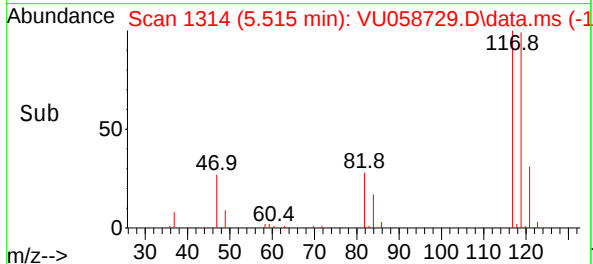
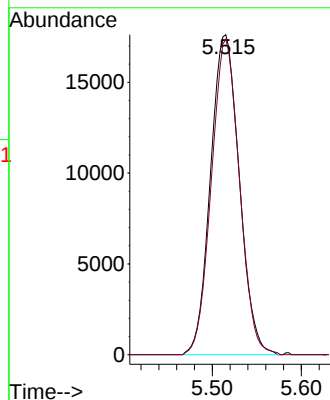
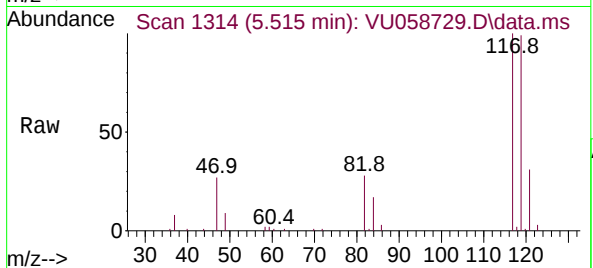




#31
Carbon tetrachloride
Concen: 3.697 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

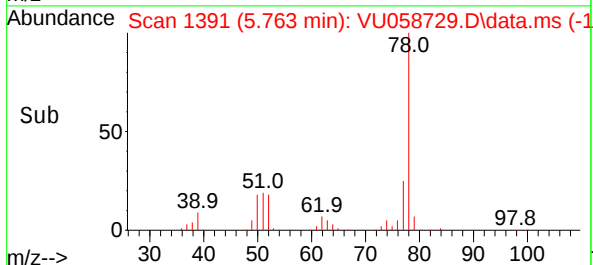
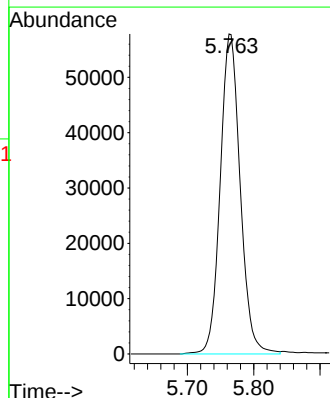
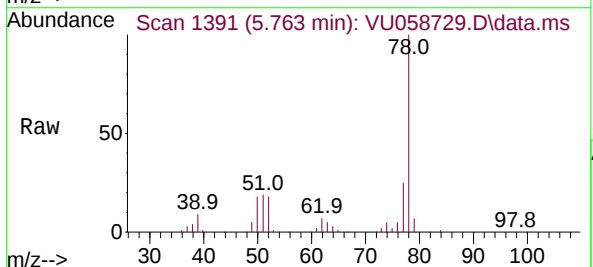
Instrument :
MSVOA_U
ClientSampleId :

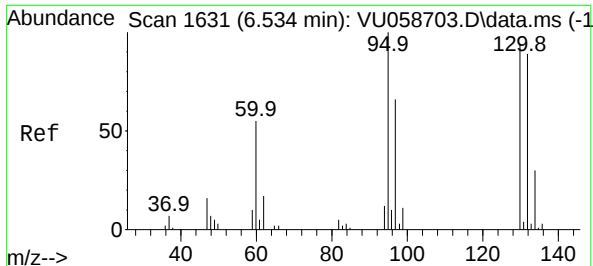
Tgt Ion:117 Resp: 39448
Ion Ratio Lower Upper
117 100
119 96.4 76.7 115.1



#33
Benzene
Concen: 3.561 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

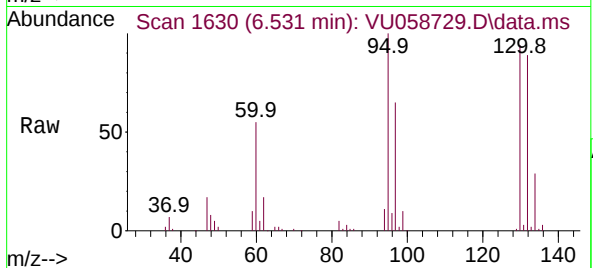
Tgt Ion: 78 Resp: 121310



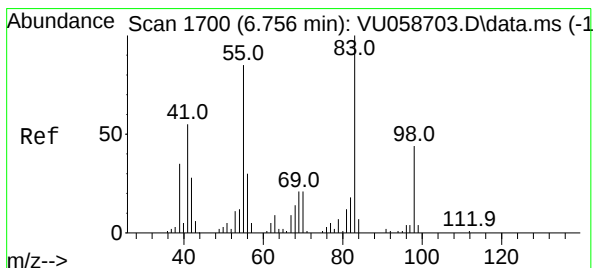
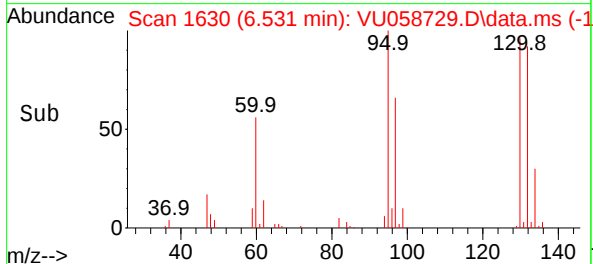
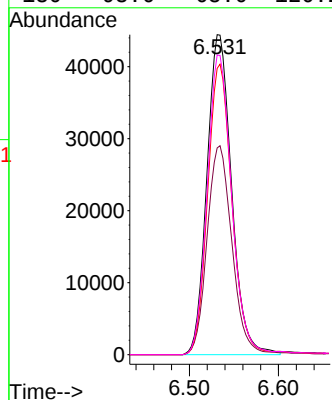


#34
Trichloroethene
Concen: 9.962 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

Instrument :
MSVOA_U
ClientSampleId :

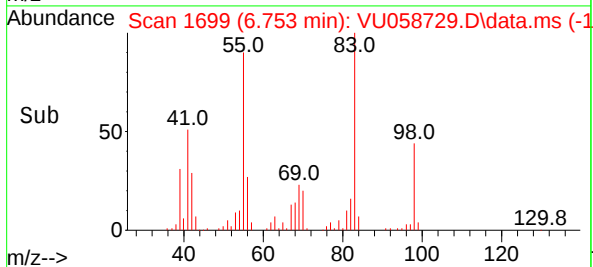
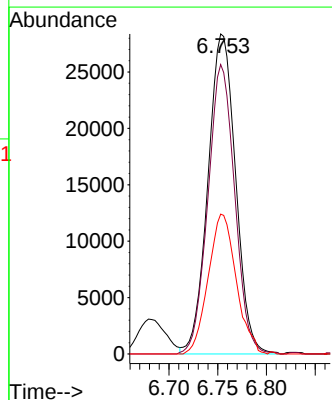
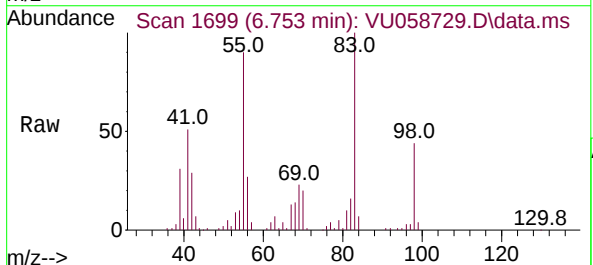


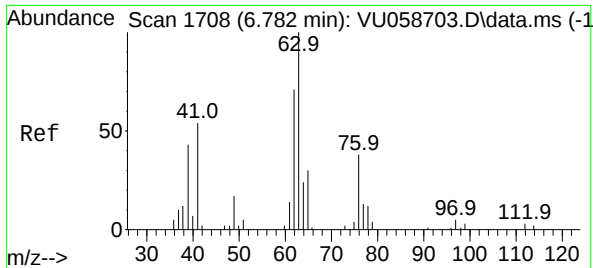
Tgt Ion: 95 Resp: 85537
Ion Ratio Lower Upper
95 100
97 64.6 45.6 84.6
132 89.5 64.8 120.3
130 93.6 68.0 126.2



#35
Methylcyclohexane
Concen: 4.337 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

Tgt Ion: 83 Resp: 56102
Ion Ratio Lower Upper
83 100
55 87.5 66.2 99.4
98 44.1 34.6 52.0

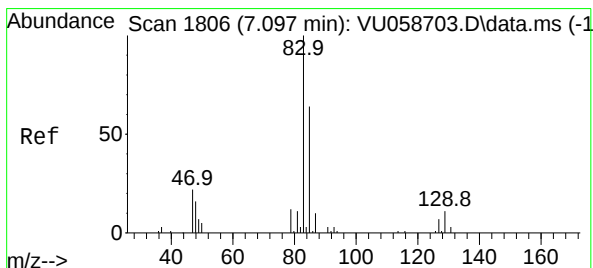
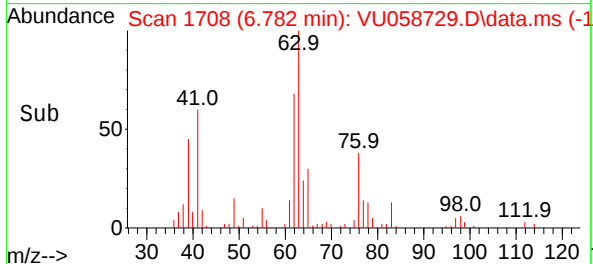
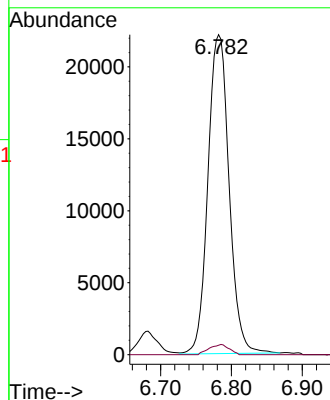
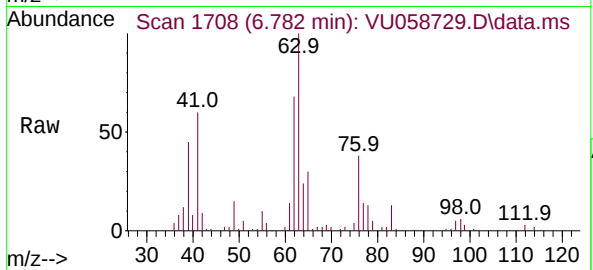




#37
1,2-Dichloropropane
Concen: 5.125 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

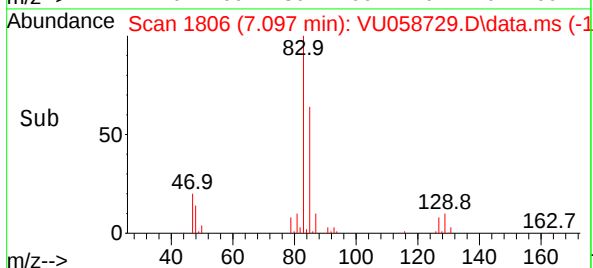
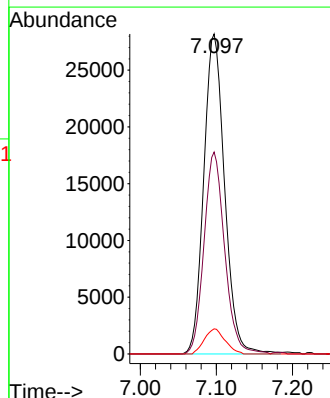
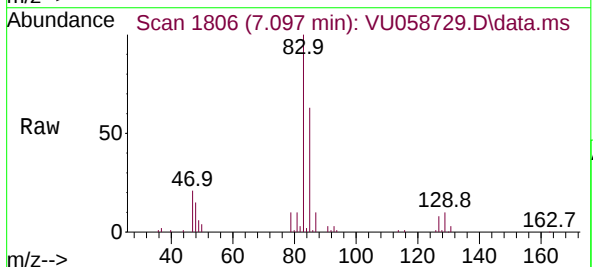
Instrument :
MSVOA_U
ClientSampleId :

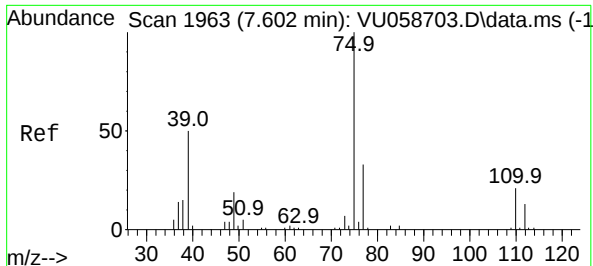
Tgt Ion: 63 Resp: 45930
Ion Ratio Lower Upper
63 100
112 3.0 2.6 4.0



#38
Bromodichloromethane
Concen: 5.248 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

Tgt Ion: 83 Resp: 53682
Ion Ratio Lower Upper
83 100
85 63.1 44.2 82.2
127 7.9 6.5 9.7

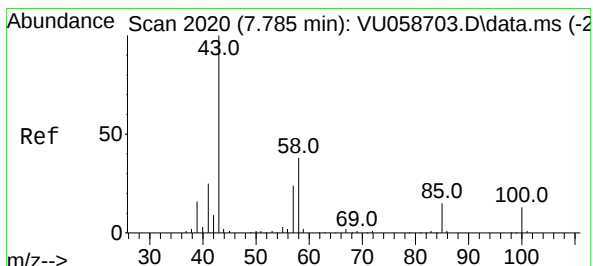
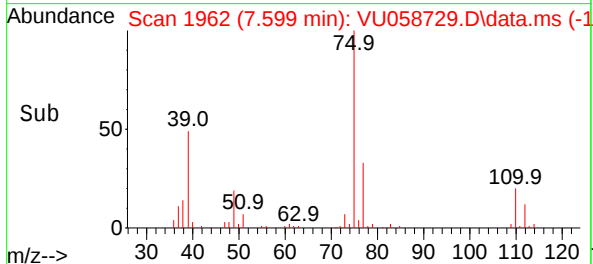
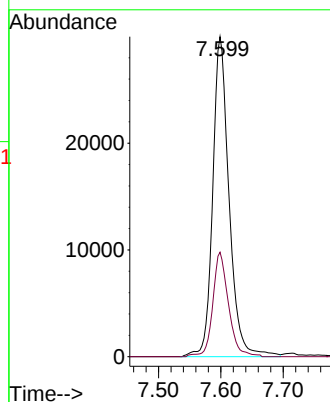
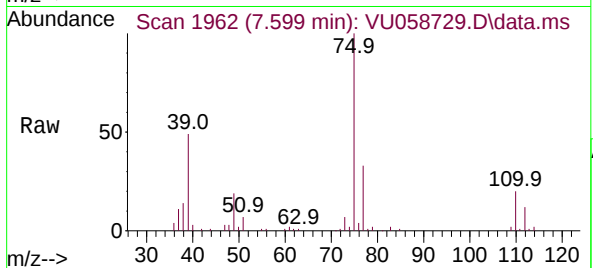




#39
cis-1,3-Dichloropropene
Concen: 4.795 ug/L
RT: 7.599 min Scan# 1962
Delta R.T. -0.003 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

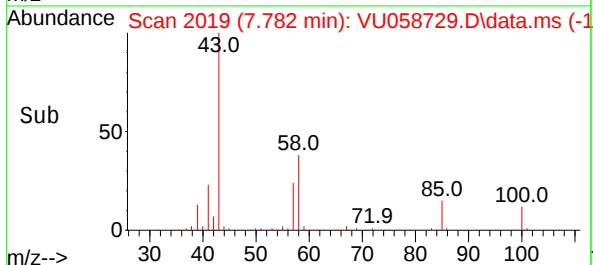
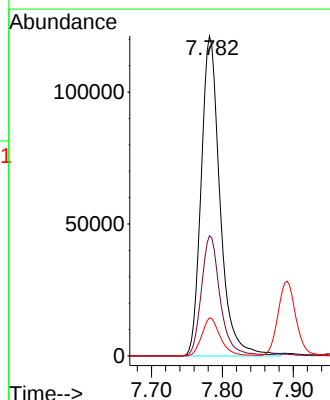
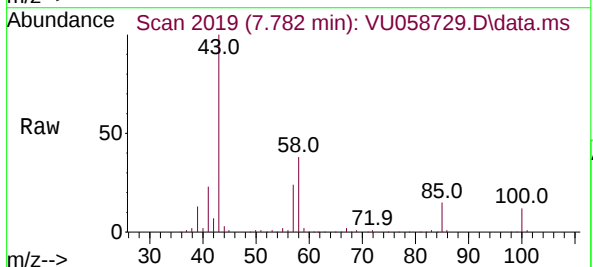
Instrument :
MSVOA_U
ClientSampleId :

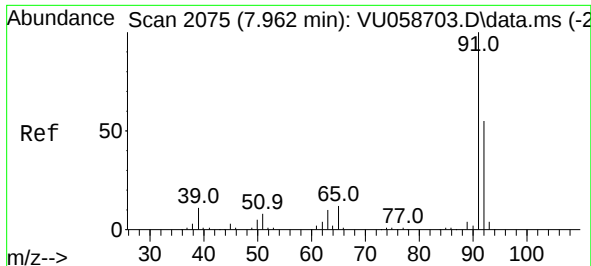
Tgt Ion: 75 Resp: 54644
Ion Ratio Lower Upper
75 100
77 32.7 22.7 42.3



#40
4-Methyl-2-pentanone
Concen: 53.201 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. -0.003 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

Tgt Ion: 43 Resp: 224411
Ion Ratio Lower Upper
43 100
58 37.6 30.4 45.6
100 11.8 10.3 15.5





#42

Toluene

Concen: 4.660 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058729.D

Acq: 16 Apr 2024 20:22

Instrument :

MSVOA_U

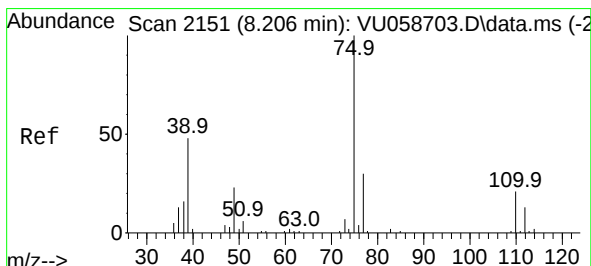
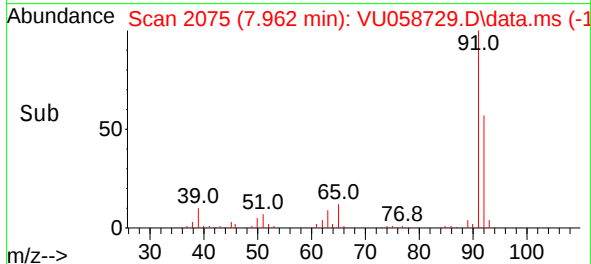
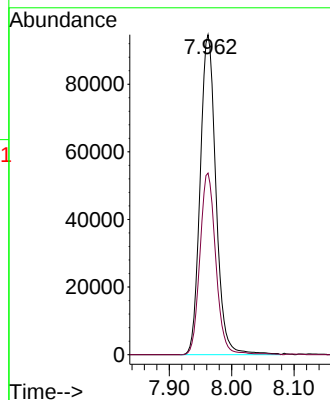
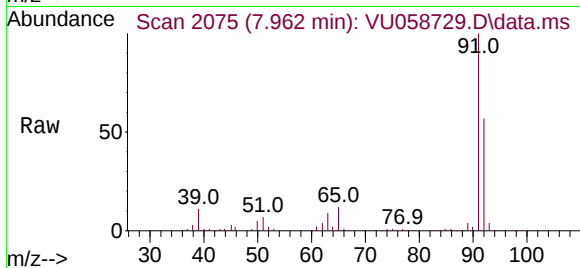
ClientSampleId :

Tgt Ion: 91 Resp: 166502

Ion Ratio Lower Upper

91 100

92 56.7 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 5.048 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU058729.D

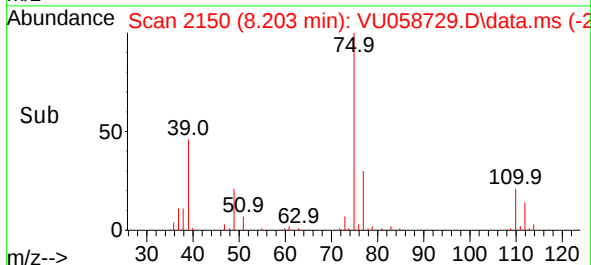
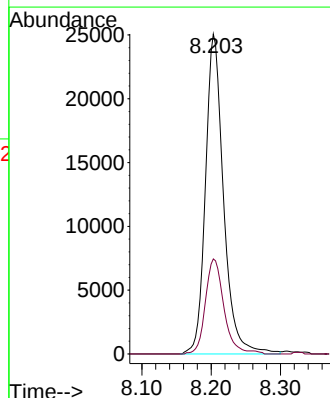
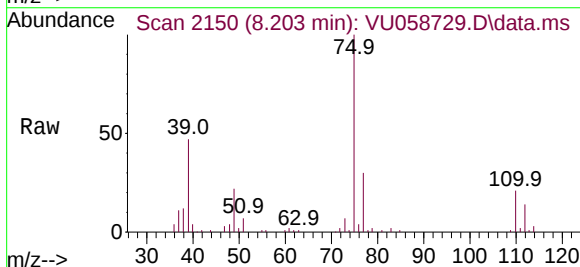
Acq: 16 Apr 2024 20:22

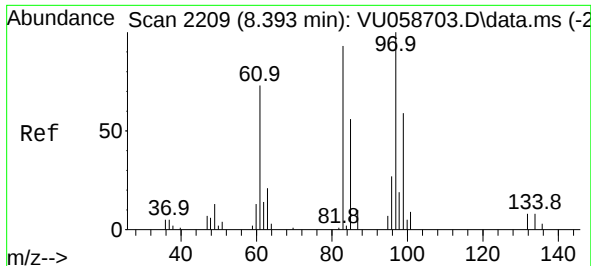
Tgt Ion: 75 Resp: 45369

Ion Ratio Lower Upper

75 100

77 29.7 22.2 41.2

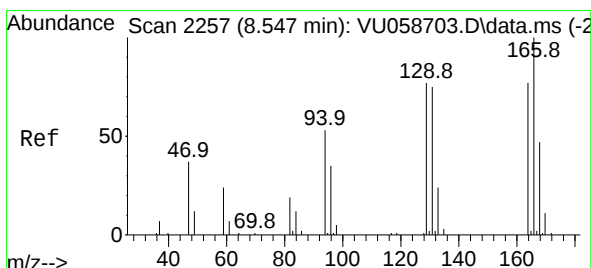
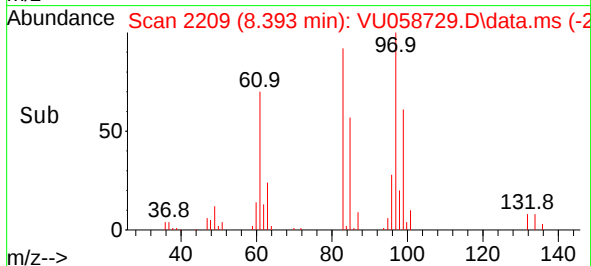
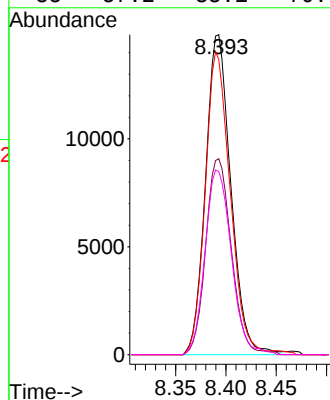
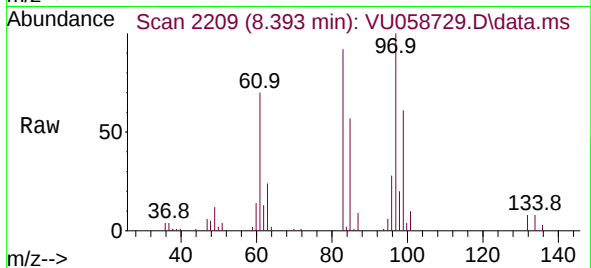




#45
1,1,2-Trichloroethane
Concen: 4.966 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

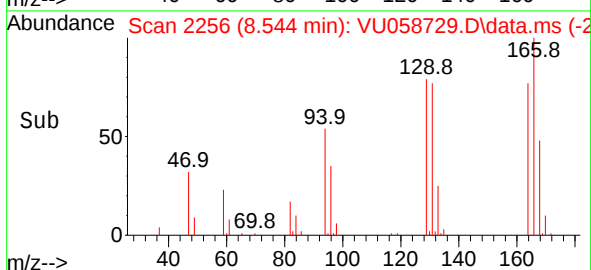
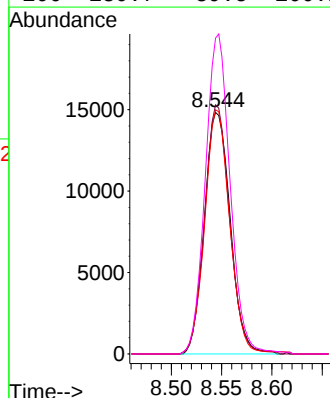
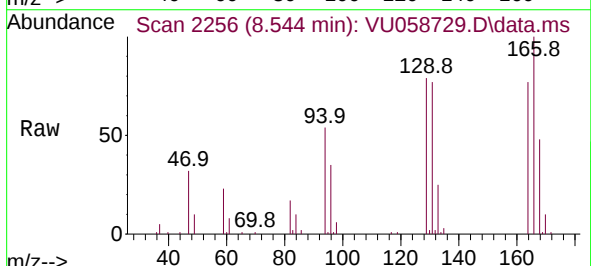
Instrument :
MSVOA_U
ClientSampleId :

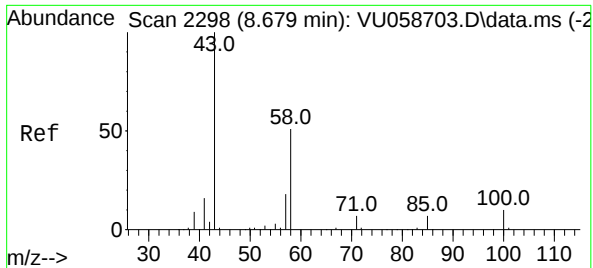
Tgt Ion:	97	Resp:	25994
Ion	Ratio	Lower	Upper
97	100		
99	61.3	43.7	81.1
83	92.3	64.5	119.7
85	57.2	38.1	70.9



#47
Tetrachloroethene
Concen: 4.216 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

Tgt Ion:	164	Resp:	26536
Ion	Ratio	Lower	Upper
164	100		
129	103.1	67.3	125.1
131	101.1	65.5	121.6
166	130.7	89.5	166.1





#48

2-Hexanone

Concen: 50.982 ug/L

RT: 8.679 min Scan# 21

Delta R.T. 0.000 min

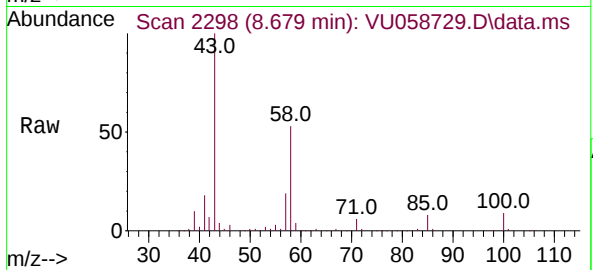
Lab File: VU058729.D

Acq: 16 Apr 2024 20:22

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 152667

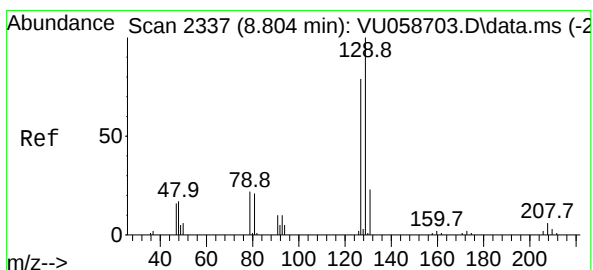
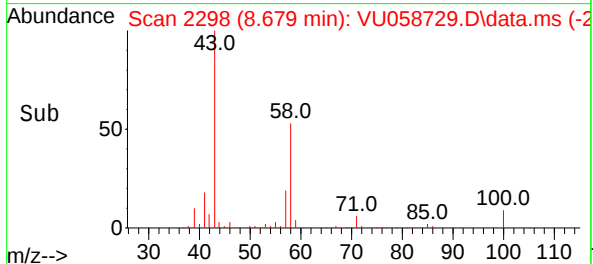
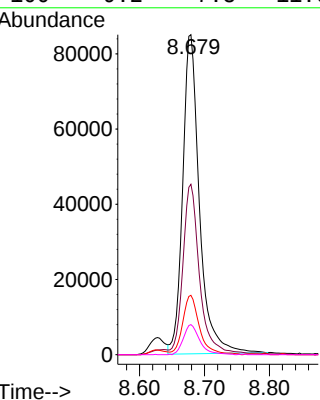
Ion Ratio Lower Upper

43 100

58 52.1 43.2 64.8

57 18.7 15.4 23.0

100 9.2 7.8 11.6



#49

Dibromochloromethane

Concen: 4.957 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.003 min

Lab File: VU058729.D

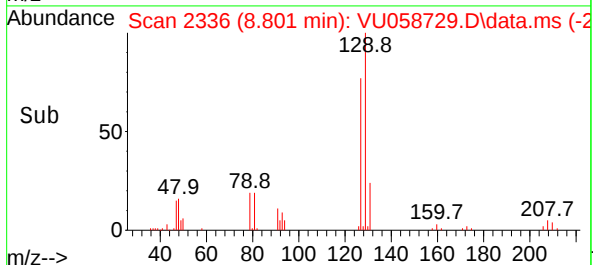
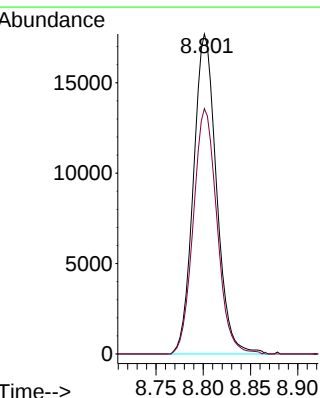
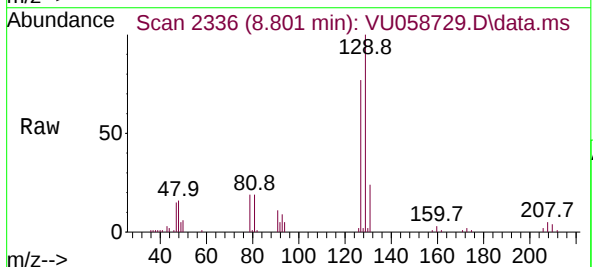
Acq: 16 Apr 2024 20:22

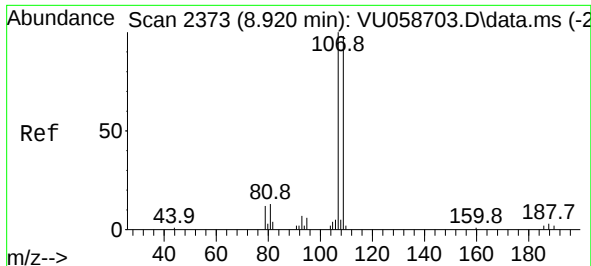
Tgt Ion:129 Resp: 29998

Ion Ratio Lower Upper

129 100

127 76.7 53.5 99.5

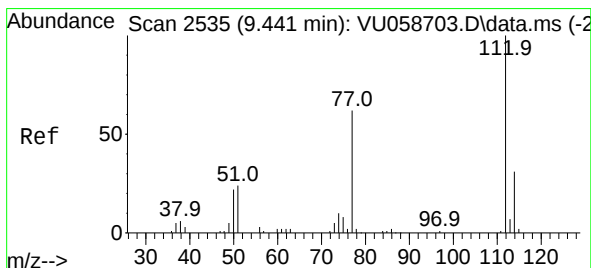
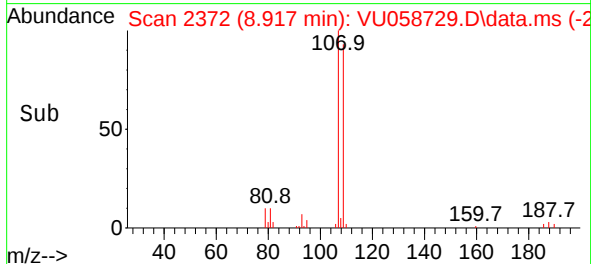
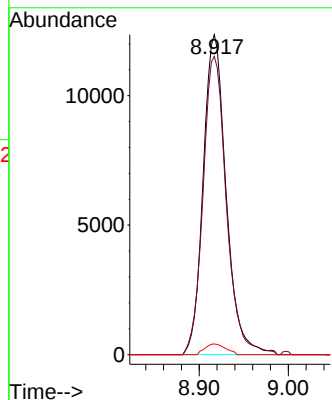
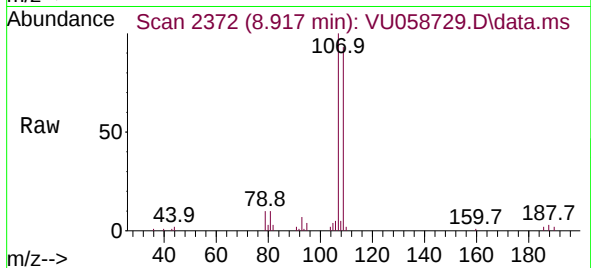




#50
1,2-Dibromoethane
Concen: 4.620 ug/L
RT: 8.917 min Scan# 24
Delta R.T. -0.003 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

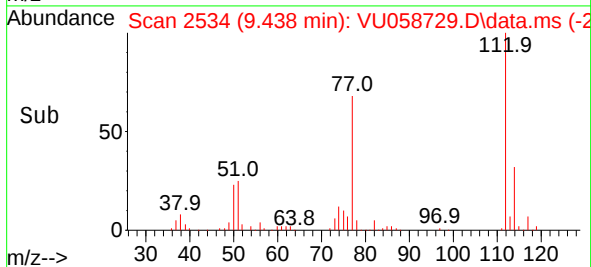
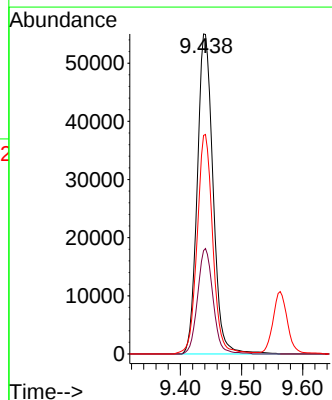
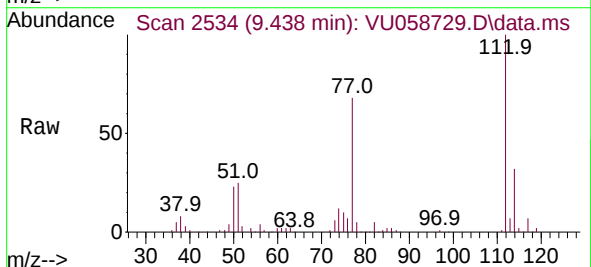
Instrument :
MSVOA_U
ClientSampleId :

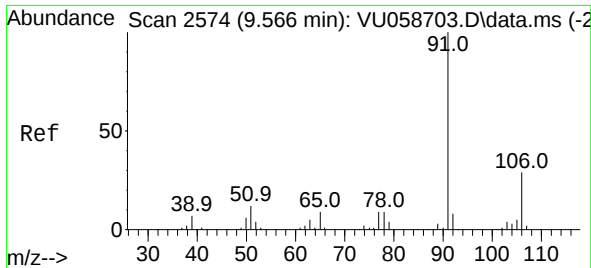
Tgt Ion:107 Resp: 22114
Ion Ratio Lower Upper
107 100
109 93.2 67.3 124.9
188 3.4 2.5 3.7



#51
Chlorobenzene
Concen: 4.554 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

Tgt Ion:112 Resp: 98453
Ion Ratio Lower Upper
112 100
114 32.3 22.4 41.6
77 68.3 50.1 75.1





#52

Ethylbenzene

Concen: 4.847 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.003 min

Lab File: VU058729.D

Acq: 16 Apr 2024 20:22

Instrument :

MSVOA_U

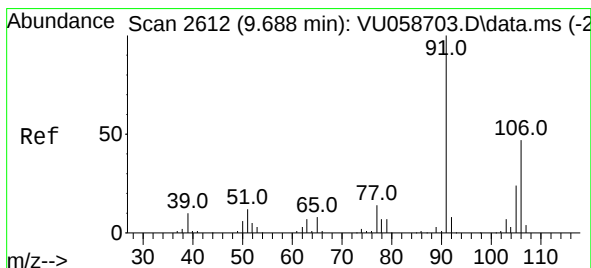
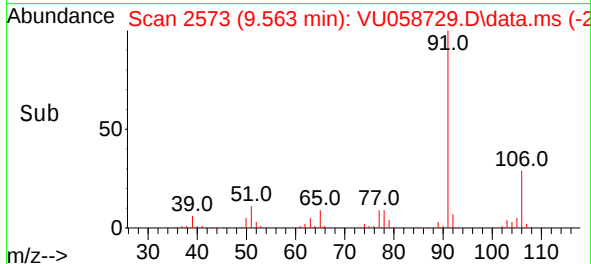
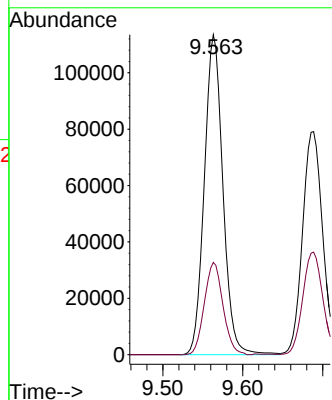
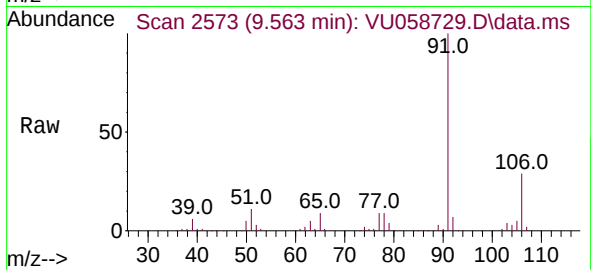
ClientSampleId :

Tgt Ion: 91 Resp: 183453

Ion Ratio Lower Upper

91 100

106 28.9 20.6 38.4



#53

m,p-Xylene

Concen: 4.763 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU058729.D

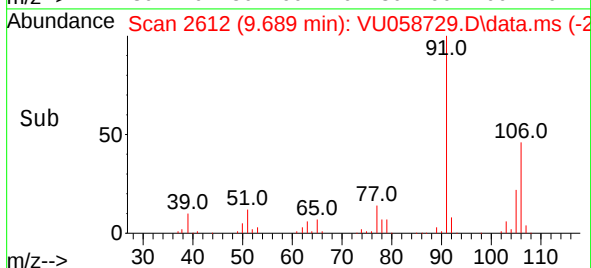
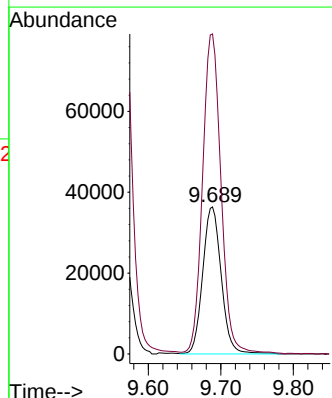
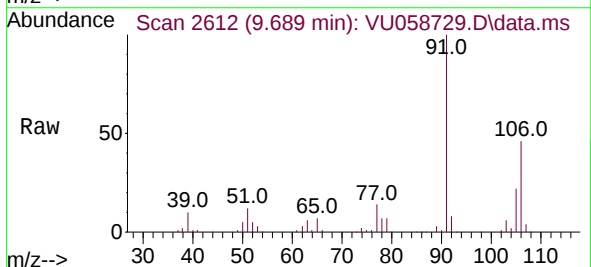
Acq: 16 Apr 2024 20:22

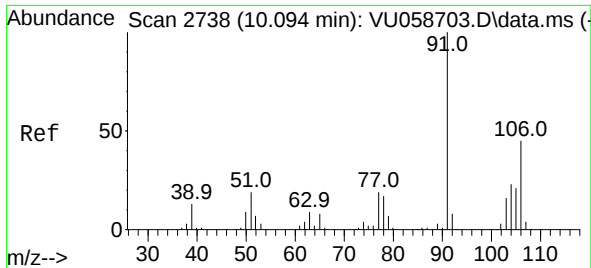
Tgt Ion:106 Resp: 64556

Ion Ratio Lower Upper

106 100

91 217.5 147.8 274.4

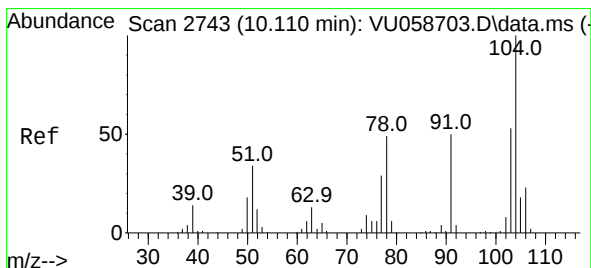
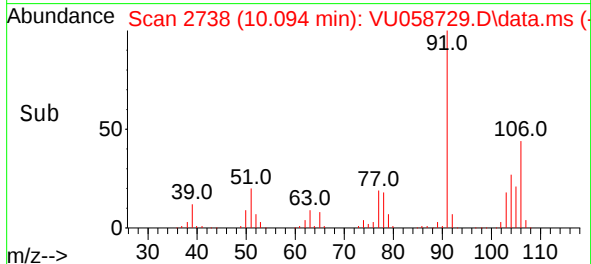
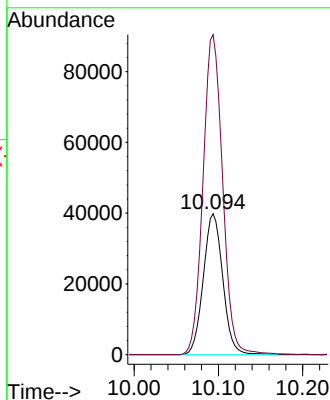
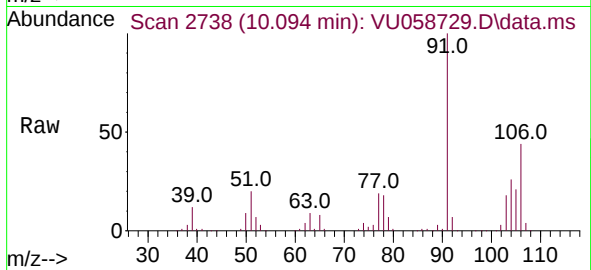




#54
o-Xylene
Concen: 4.828 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

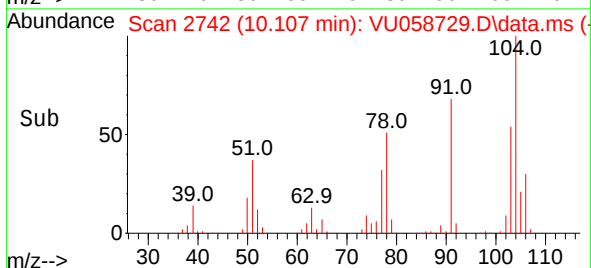
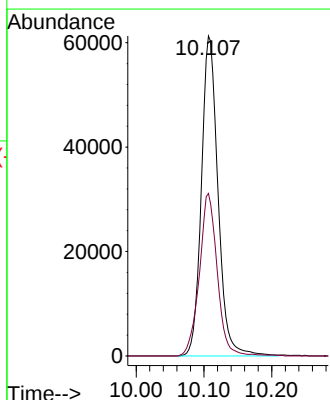
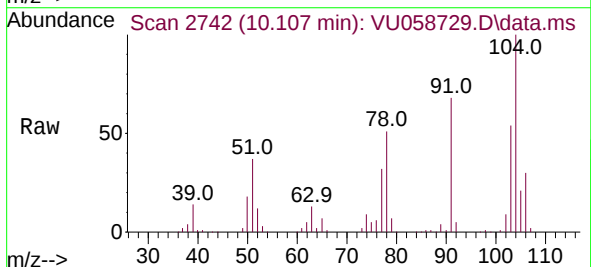
Instrument :
MSVOA_U
ClientSampleId :

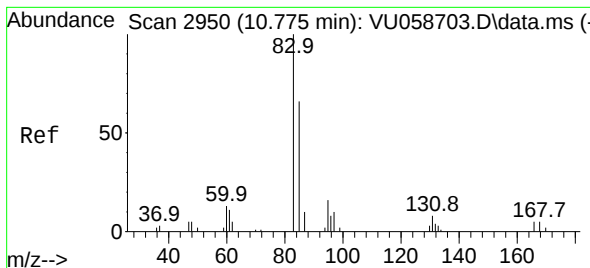
Tgt Ion:106 Resp: 64149
Ion Ratio Lower Upper
106 100
91 227.1 156.9 291.5



#55
Styrene
Concen: 4.894 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

Tgt Ion:104 Resp: 104620
Ion Ratio Lower Upper
104 100
78 50.8 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 4.881 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058729.D

Acq: 16 Apr 2024 20:22

Instrument :

MSVOA_U

ClientSampleId :

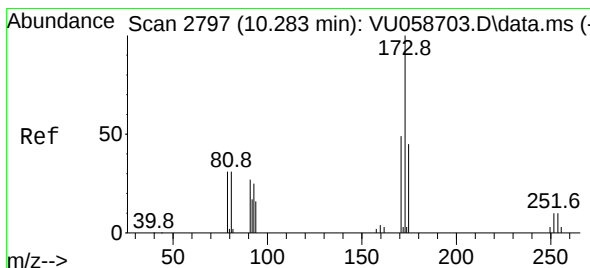
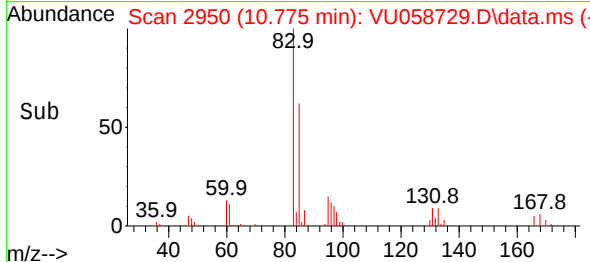
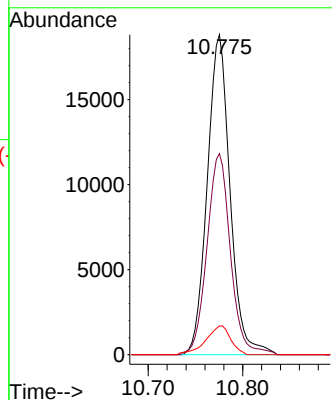
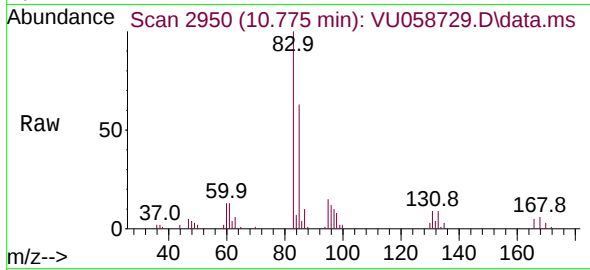
Tgt Ion: 83 Resp: 31514

Ion Ratio Lower Upper

83 100

85 62.9 45.1 83.7

131 8.9 6.9 10.3



#59

Bromoform

Concen: 6.132 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU058729.D

Acq: 16 Apr 2024 20:22

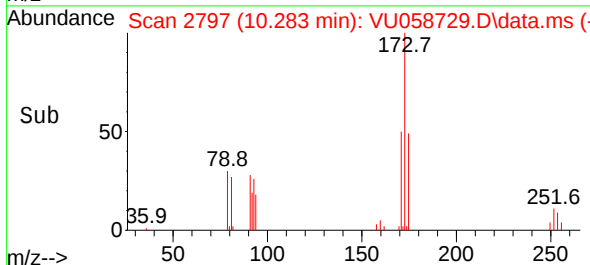
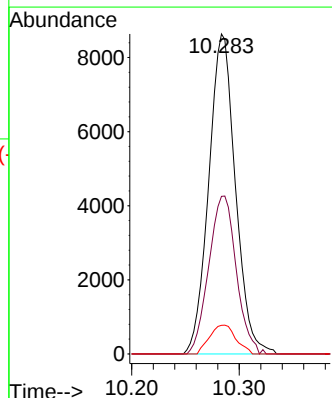
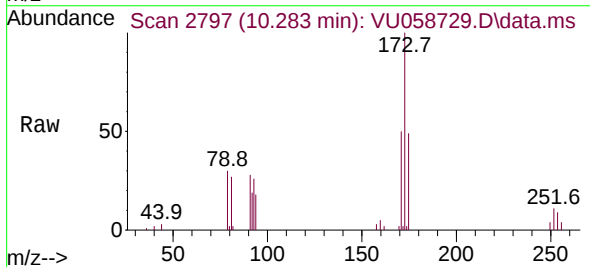
Tgt Ion: 173 Resp: 14879

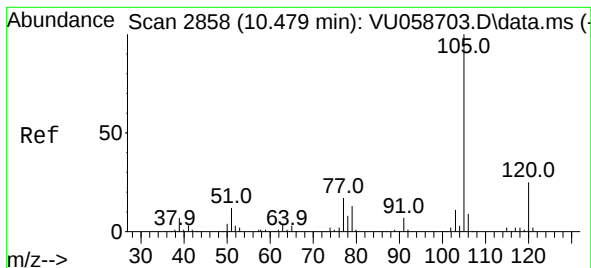
Ion Ratio Lower Upper

173 100

175 50.8 38.0 57.0

254 8.9 7.5 11.3





#60

Isopropylbenzene

Concen: 6.087 ug/L

RT: 10.476 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU058729.D

Acq: 16 Apr 2024 20:22

Instrument :

MSVOA_U

ClientSampleId :

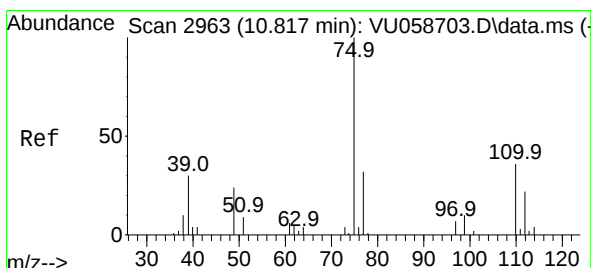
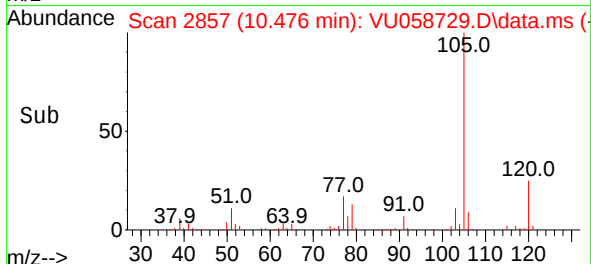
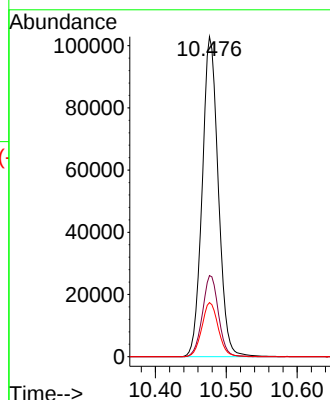
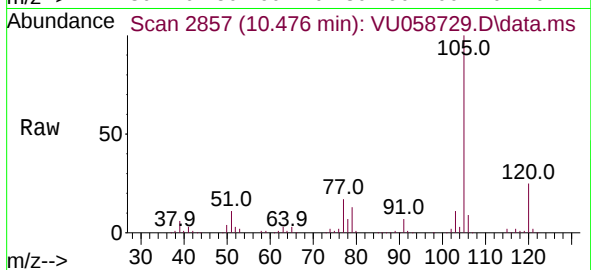
Tgt Ion:105 Resp: 161858

Ion Ratio Lower Upper

105 100

120 25.3 20.2 30.4

77 17.3 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 6.235 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU058729.D

Acq: 16 Apr 2024 20:22

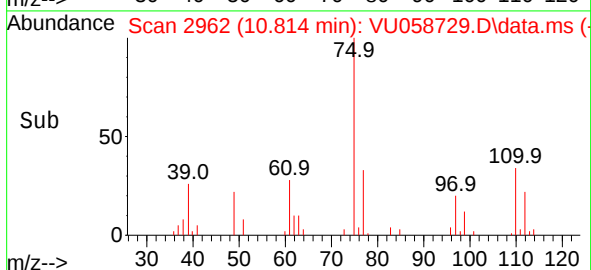
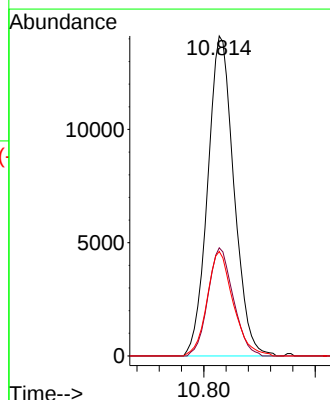
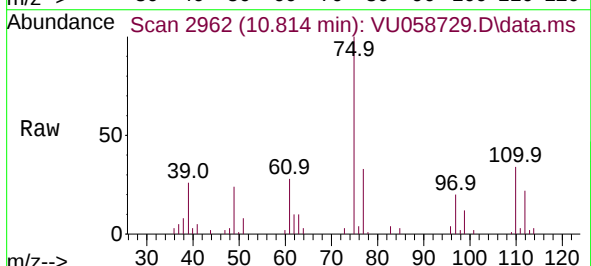
Tgt Ion: 75 Resp: 23107

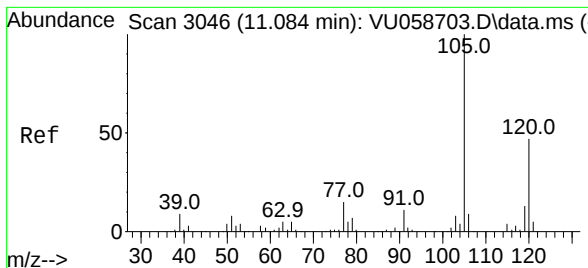
Ion Ratio Lower Upper

75 100

110 32.5 25.8 38.6

77 32.5 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 6.123 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU058729.D

Acq: 16 Apr 2024 20:22

Instrument :

MSVOA_U

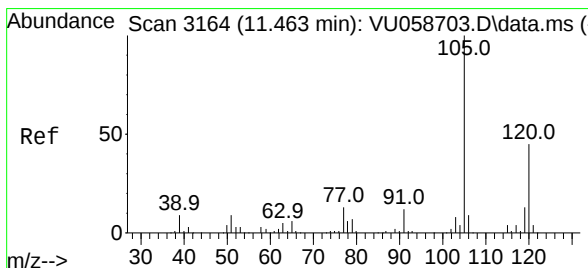
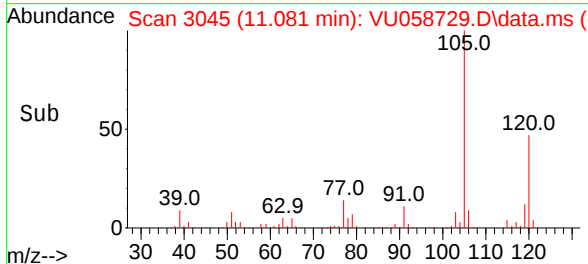
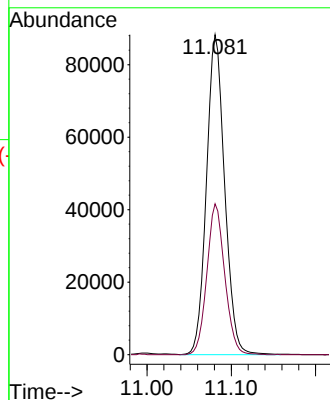
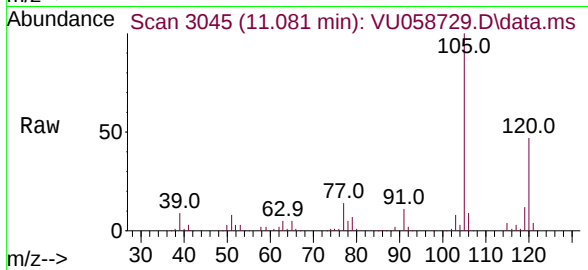
ClientSampleId :

Tgt Ion:105 Resp: 132770

Ion Ratio Lower Upper

105 100

120 46.3 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 6.266 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU058729.D

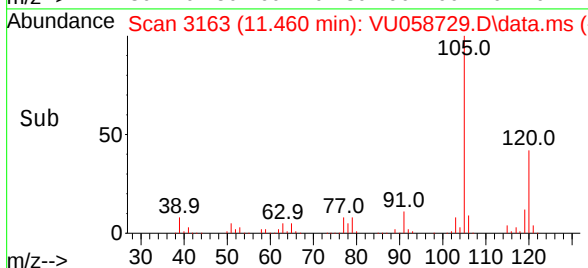
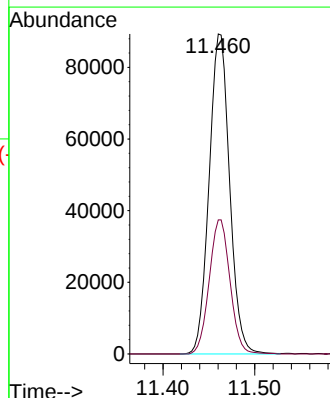
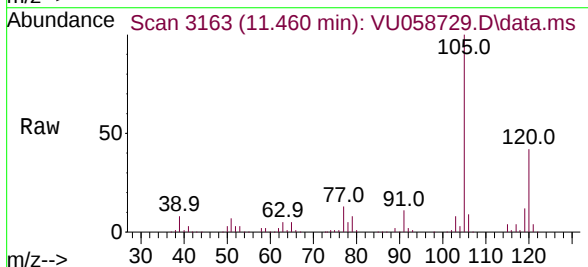
Acq: 16 Apr 2024 20:22

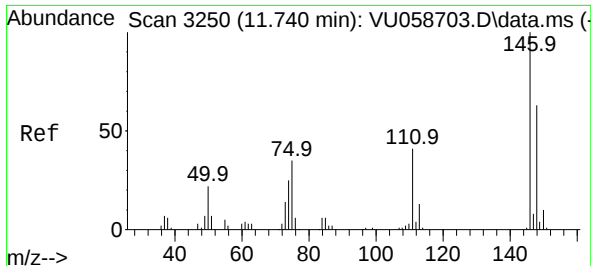
Tgt Ion:105 Resp: 138726

Ion Ratio Lower Upper

105 100

120 42.5 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 5.159 ug/L

RT: 11.737 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU058729.D

Acq: 16 Apr 2024 20:22

Instrument :

MSVOA_U

ClientSampleId :

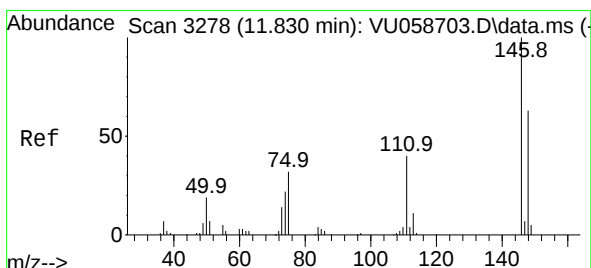
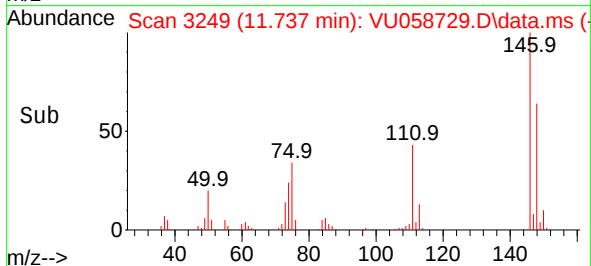
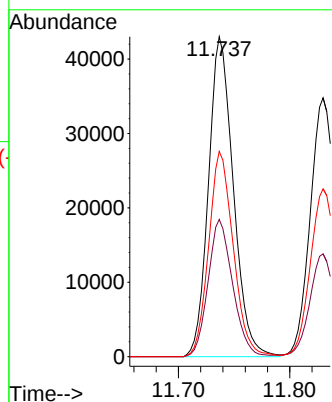
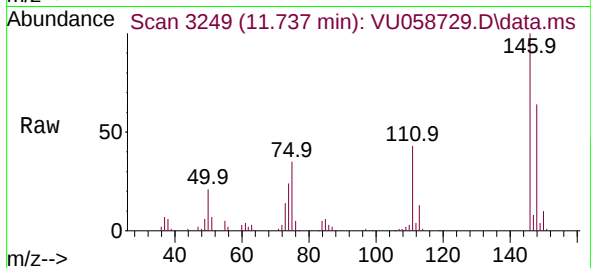
Tgt Ion:146 Resp: 66631

Ion Ratio Lower Upper

146 100

111 42.9 28.8 53.4

148 64.2 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 4.482 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU058729.D

Acq: 16 Apr 2024 20:22

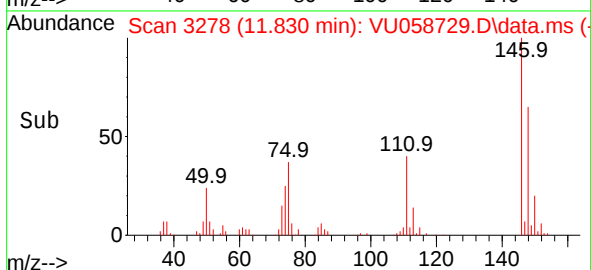
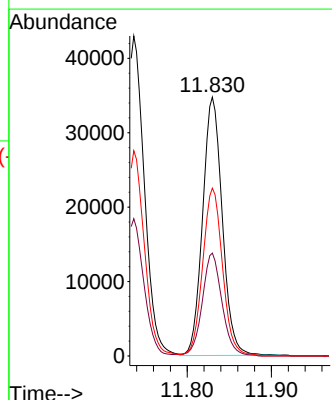
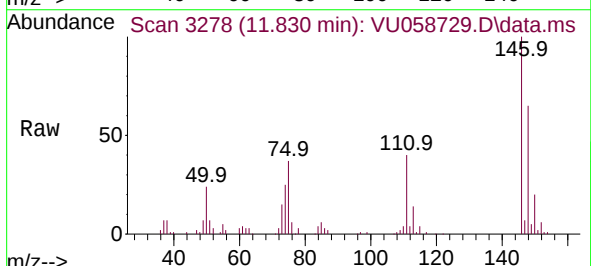
Tgt Ion:146 Resp: 56398

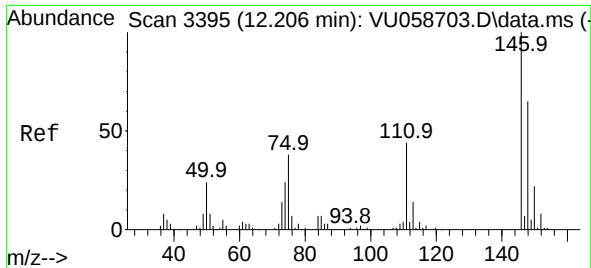
Ion Ratio Lower Upper

146 100

111 39.8 28.8 53.6

148 64.9 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.512 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058729.D

Acq: 16 Apr 2024 20:22

Instrument :

MSVOA_U

ClientSampleId :

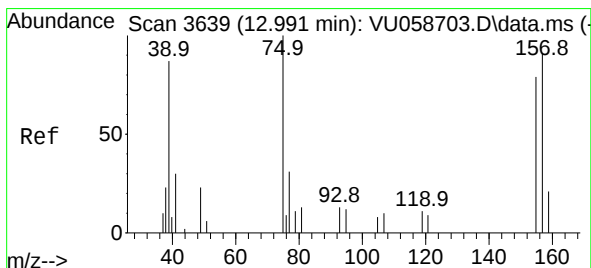
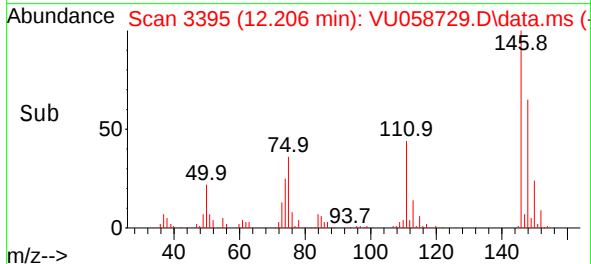
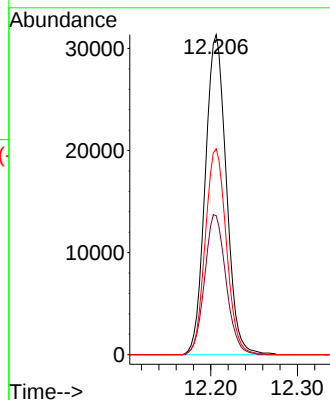
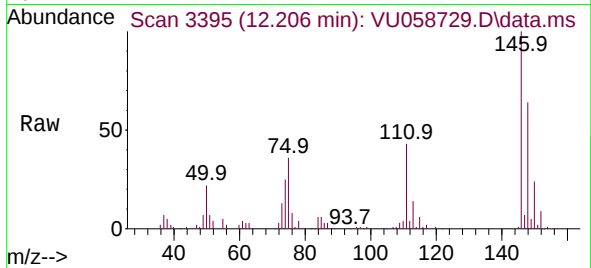
Tgt Ion:146 Resp: 53009

Ion Ratio Lower Upper

146 100

111 43.4 35.0 52.4

148 64.3 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.036 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU058729.D

Acq: 16 Apr 2024 20:22

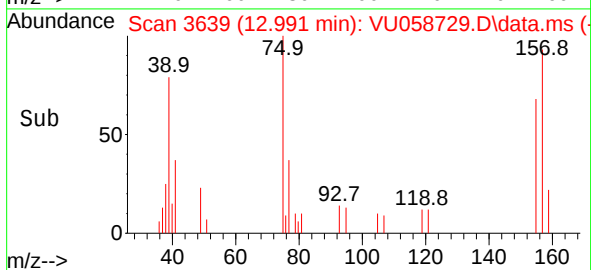
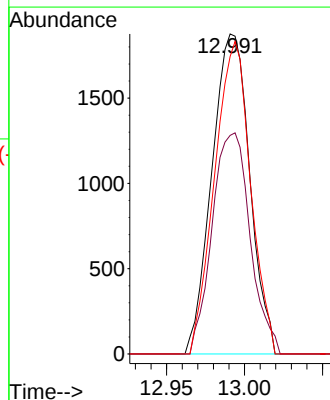
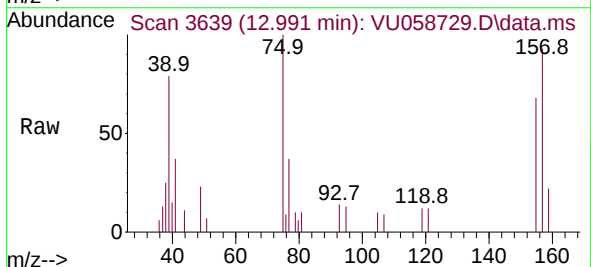
Tgt Ion: 75 Resp: 3165

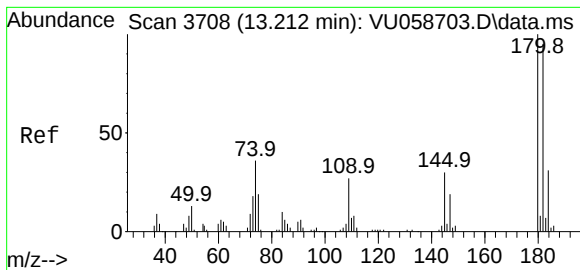
Ion Ratio Lower Upper

75 100

155 68.3 61.4 92.0

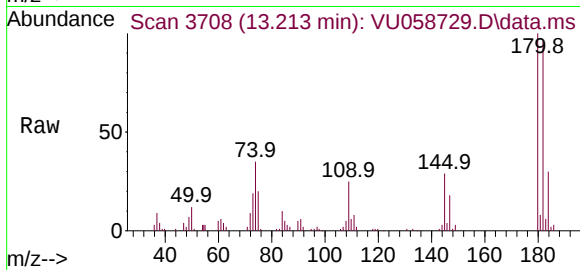
157 93.0 81.7 122.5



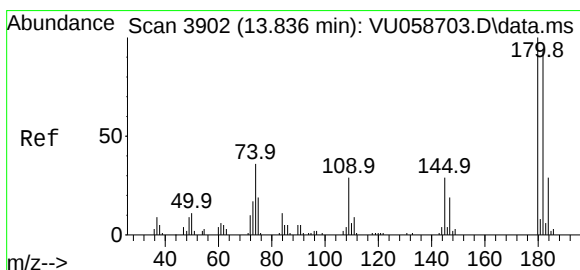
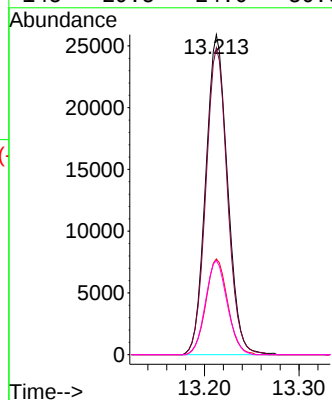
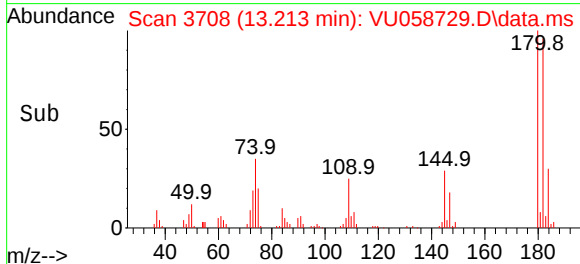


#69
 1,3,5-Trichlorobenzene
 Concen: 4.342 ug/L
 RT: 13.213 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU058729.D
 Acq: 16 Apr 2024 20:22

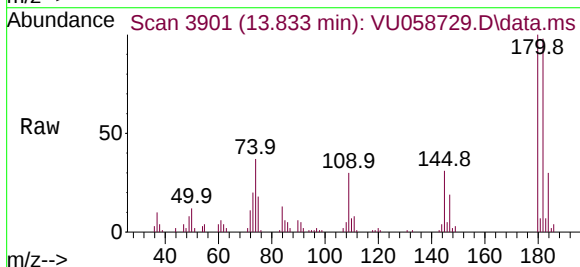
Instrument :
 MSVOA_U
 ClientSampleId :



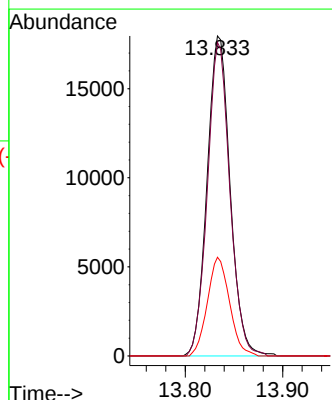
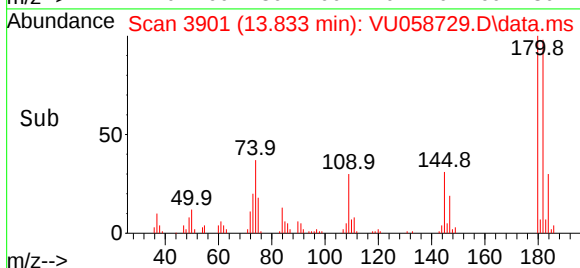
Tgt Ion:180 Resp: 41471
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.7 113.5
 184 30.0 24.3 36.5
 145 29.5 24.0 36.0

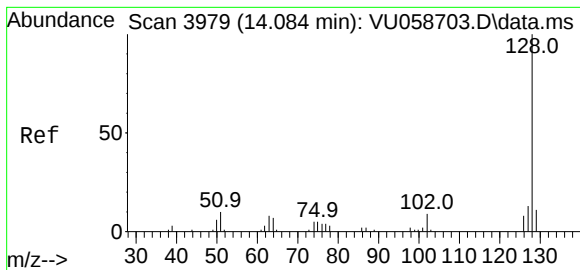


#70
 1,2,4-trichlorobenzene
 Concen: 4.006 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.003 min
 Lab File: VU058729.D
 Acq: 16 Apr 2024 20:22



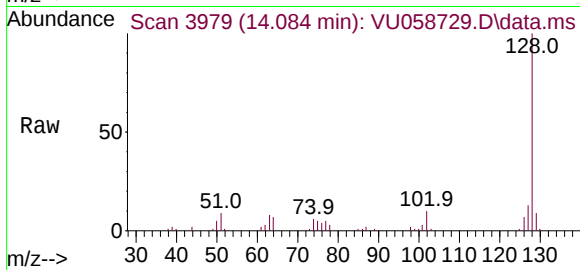
Tgt Ion:180 Resp: 29501
 Ion Ratio Lower Upper
 180 100
 182 95.6 74.4 111.6
 145 29.7 24.1 36.1



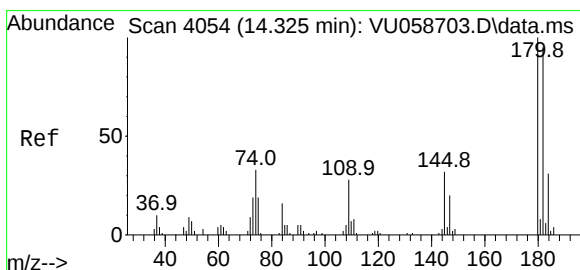
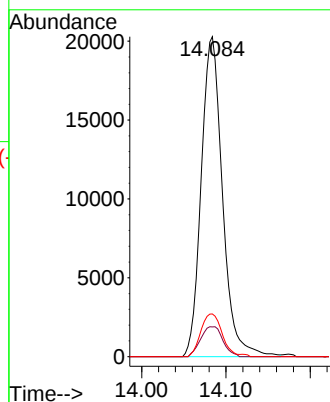
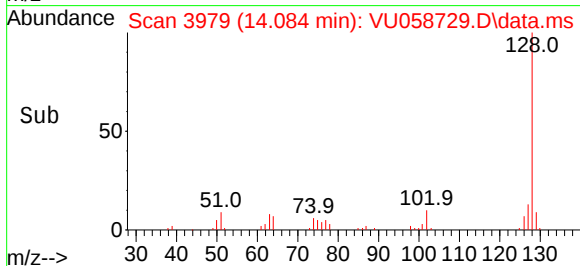


#71
Naphthalene
Concen: 3.538 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22

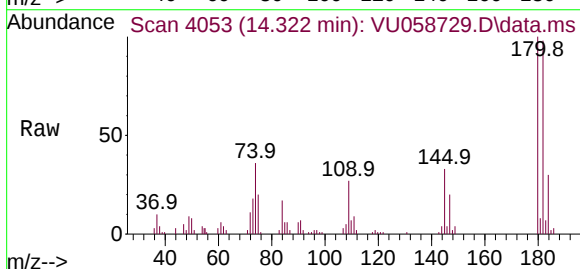
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 35711
Ion Ratio Lower Upper
128 100
129 9.8 8.6 13.0
127 13.5 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 4.016 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU058729.D
Acq: 16 Apr 2024 20:22



Tgt Ion:180 Resp: 24424
Ion Ratio Lower Upper
180 100
182 96.5 75.9 113.9
145 32.1 25.2 37.8

