

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041224\
 Data File : VU058665.D
 Acq On : 12 Apr 2024 19:45
 Operator : MD/SY
 Sample : P2014-21MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 00:08:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 23:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	76945	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	74803	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37013	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17933	3.520	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.904	69	17457	3.943	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.560	65	8804	3.818	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	4.615	46	52990	49.359	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.720%
24) Chloroform-d	5.052	84	48173	4.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.695	65	22199	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.717	84	84521	4.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.679	67	28857	4.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.891	98	74436	4.168	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.174	79	9014	4.598	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.627	63	39390	48.714	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.420%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20790	4.663	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	24589	3.944	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.800%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	24386	3.802	ug/L	100
3) Chloromethane	1.515	50	30957	3.944	ug/L	98
5) Vinyl chloride	1.599	62	31423	4.009	ug/L	99
6) Bromomethane	1.849	94	13284	3.582	ug/L	95
8) Chloroethane	1.927	64	21221	4.285	ug/L	97
9) Trichlorofluoromethane	2.132	101	43769	4.228	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	26278	4.272	ug/L	96
12) 1,1-Dichloroethene	2.573	96	22311	4.091	ug/L	93
13) Acetone	2.621	43	35719	38.982	ug/L	100
14) Carbon disulfide	2.785	76	66520	3.840	ug/L	98
15) Methyl Acetate	2.946	43	9612	4.446	ug/L	95
16) Methylene chloride	3.036	84	27809	3.843	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	54837	4.257	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	25015	4.377	ug/L	96
19) 1,1-Dichloroethane	3.856	63	57826	4.636	ug/L	97
21) 2-Butanone	4.695	43	59266	43.274	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	27992	4.361	ug/L	92
23) Bromochloromethane	4.965	128	11178	4.420	ug/L	93
25) Chloroform	5.074	83	56690	4.695	ug/L	100

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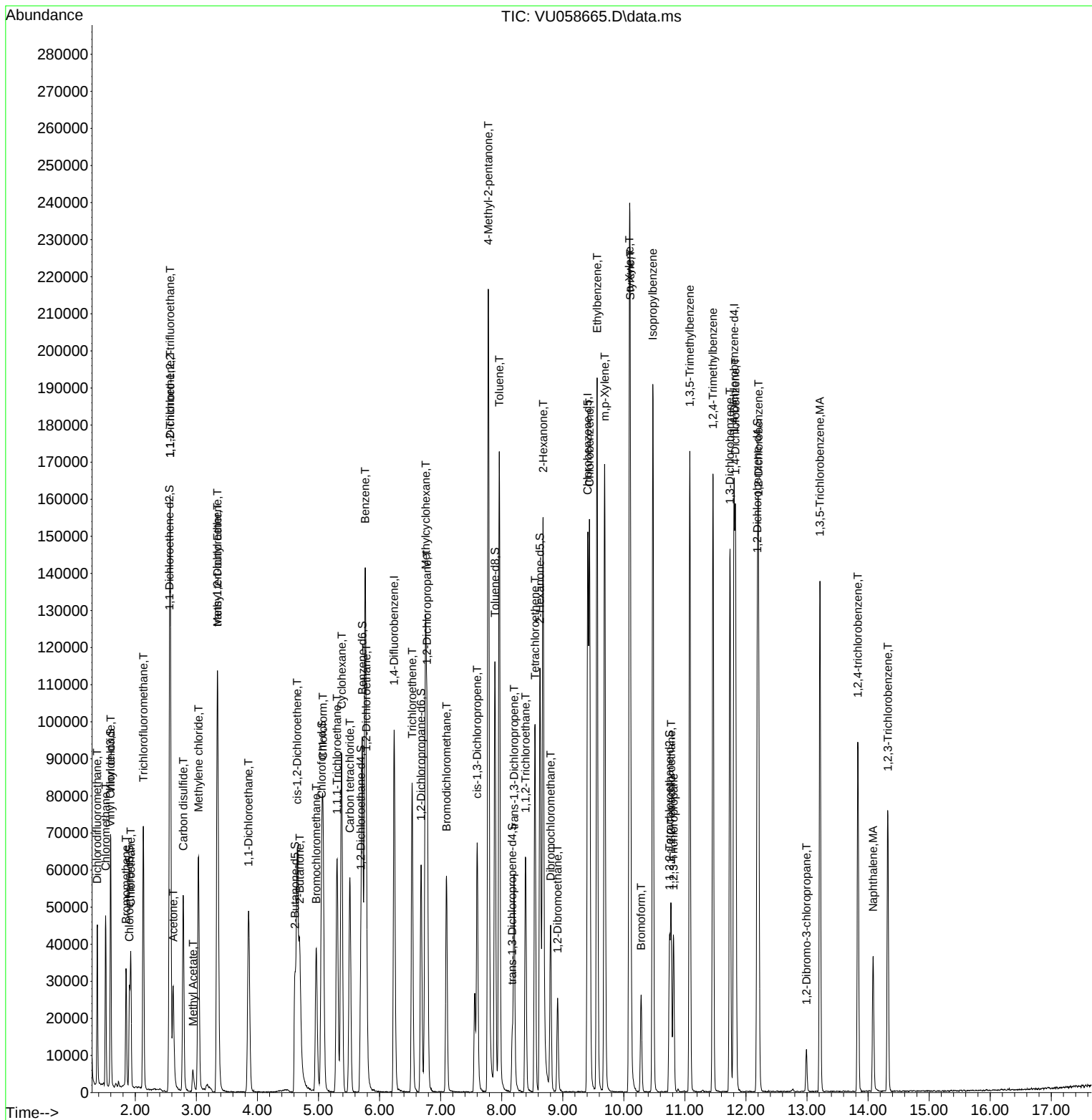
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 ClientSampleId :

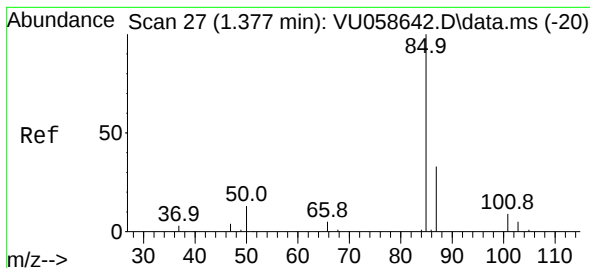
Quant Time: Apr 13 00:08:36 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	33883	4.609	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	44433	4.430	ug/L	98
30) Cyclohexane	5.380	56	42842	4.045	ug/L	98
31) Carbon tetrachloride	5.515	117	38771	4.565	ug/L	97
33) Benzene	5.766	78	119563	4.409	ug/L	100
34) Trichloroethene	6.534	95	28504	4.170	ug/L	97
35) Methylcyclohexane	6.756	83	40947	3.976	ug/L	95
37) 1,2-Dichloropropane	6.778	63	33836	4.743	ug/L	99
38) Bromodichloromethane	7.097	83	37053	4.550	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	39474	4.351	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	155098	46.188	ug/L	98
42) Toluene	7.962	91	123321	4.336	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	32037	4.478	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	18662	4.479	ug/L	98
47) Tetrachloroethene	8.547	164	20806	4.152	ug/L	97
48) 2-Hexanone	8.679	43	112162	47.050	ug/L	96
49) Dibromochloromethane	8.801	129	21880	4.542	ug/L	100
50) 1,2-Dibromoethane	8.917	107	16996	4.460	ug/L	97
51) Chlorobenzene	9.441	112	74268	4.316	ug/L	99
52) Ethylbenzene	9.563	91	130727	4.339	ug/L	100
53) m,p-Xylene	9.688	106	46475	4.307	ug/L	98
54) o-Xylene	10.093	106	45898	4.339	ug/L	98
55) Styrene	10.106	104	60407	3.549	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	24088	4.687	ug/L	97
59) Bromoform	10.283	173	11219	4.537	ug/L	97
60) Isopropylbenzene	10.476	105	116116	4.285	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	17017	4.506	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	89896	4.068	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	87810	3.892	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	55792	4.239	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	54899	4.281	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	50878	4.249	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	3071	4.795	ug/L	88
69) 1,3,5-Trichlorobenzene	13.212	180	38674	3.973	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	27031	3.602	ug/L	99
71) Naphthalene	14.084	128	30038	2.921	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	22303	3.598	ug/L	99

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

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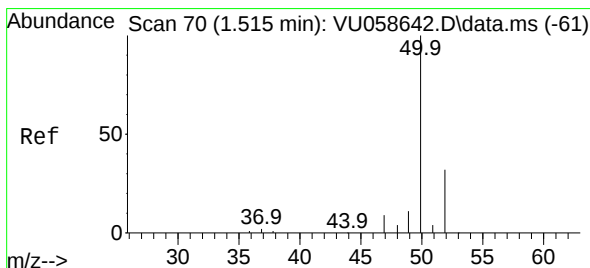
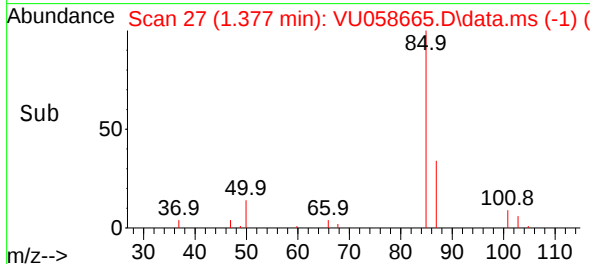
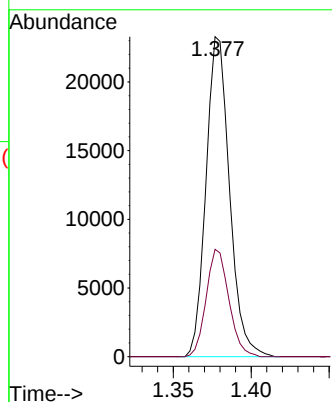
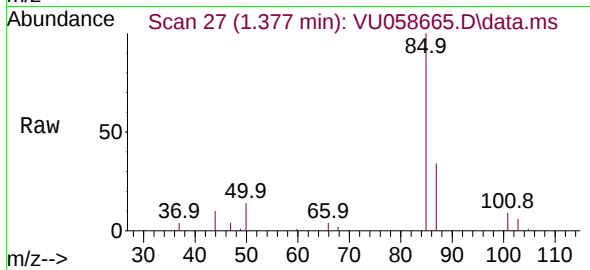




#2
 Dichlorodifluoromethane
 Concen: 3.802 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU058665.D
 Acq: 12 Apr 2024 19:45

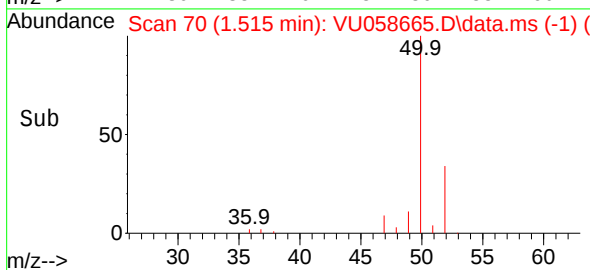
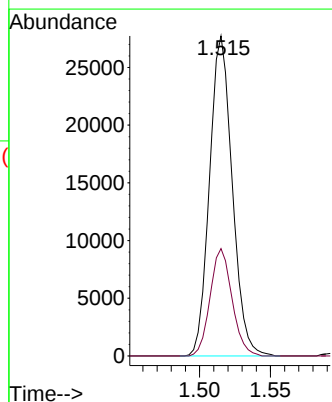
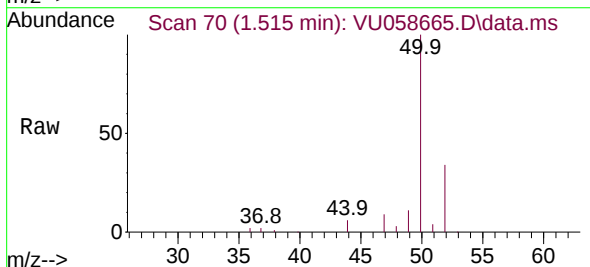
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 ClientSampleId :

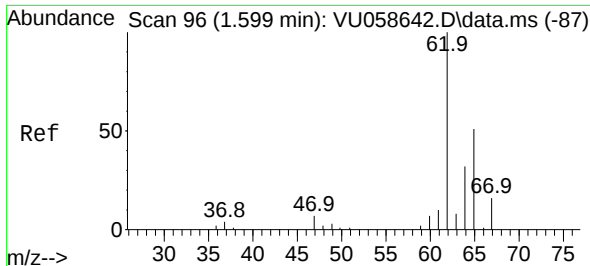
Tgt Ion: 85 Resp: 24386
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.9 38.9



#3
 Chloromethane
 Concen: 3.944 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU058665.D
 Acq: 12 Apr 2024 19:45

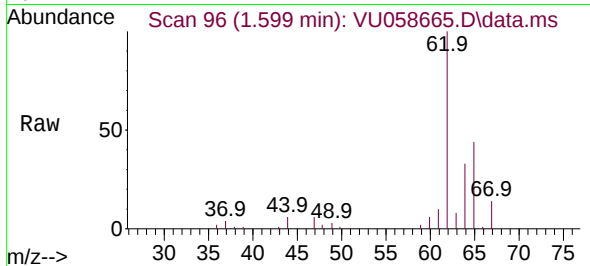
Tgt Ion: 50 Resp: 30957
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.6 42.0



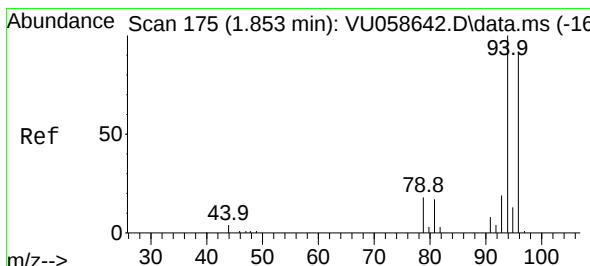
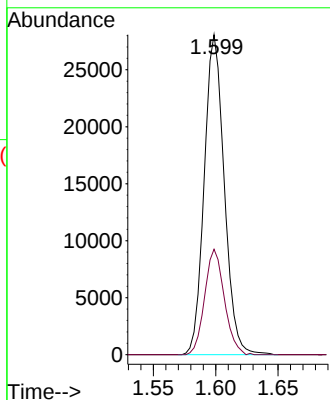
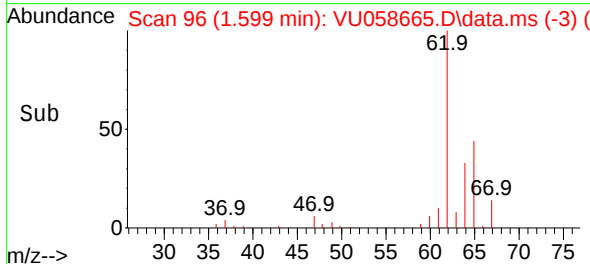


#5
 Vinyl chloride
 Concen: 4.009 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU058665.D
 Acq: 12 Apr 2024 19:45

Instrument :
 MSVOA_U
 ClientSampleId :

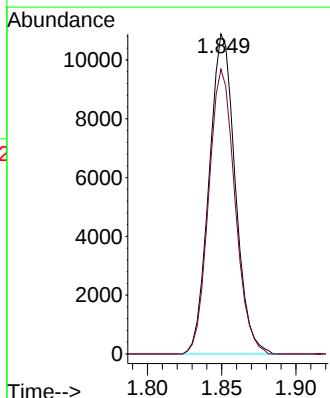
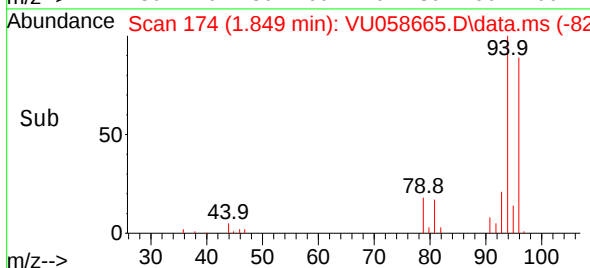
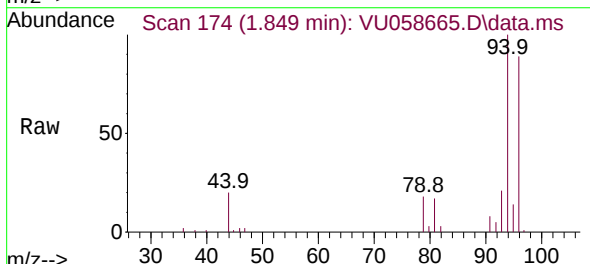


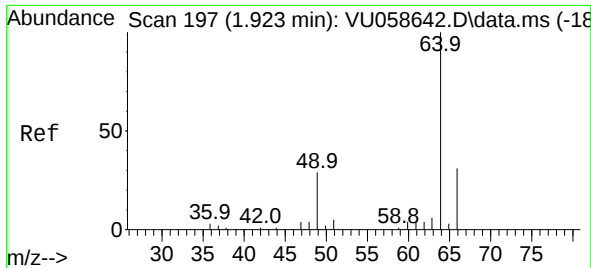
Tgt Ion: 62 Resp: 31423
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.6 42.0



#6
 Bromomethane
 Concen: 3.582 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. -0.003 min
 Lab File: VU058665.D
 Acq: 12 Apr 2024 19:45

Tgt Ion: 94 Resp: 13284
 Ion Ratio Lower Upper
 94 100
 96 89.0 65.4 121.4

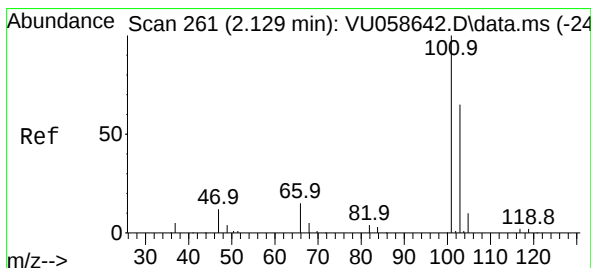
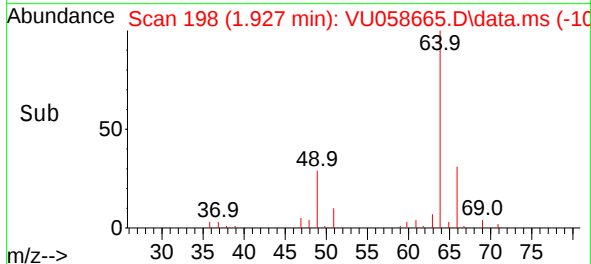
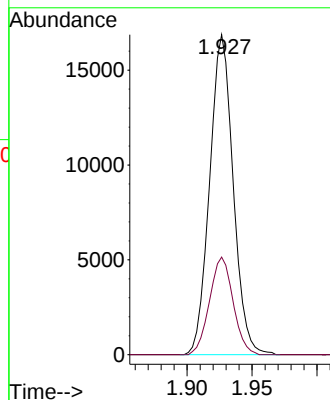
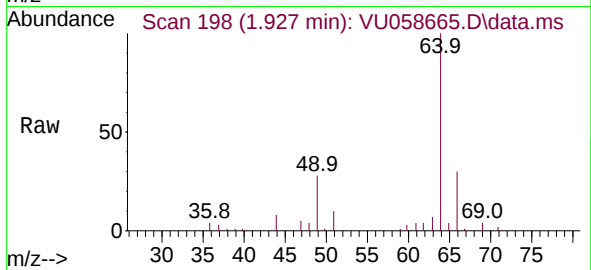




#8
Chloroethane
Concen: 4.285 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

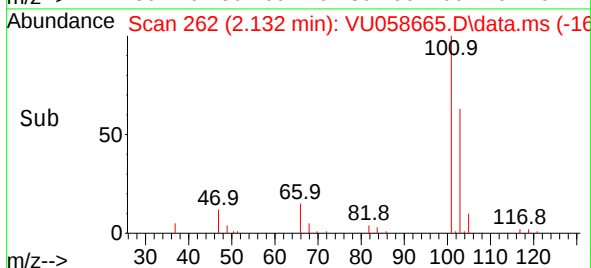
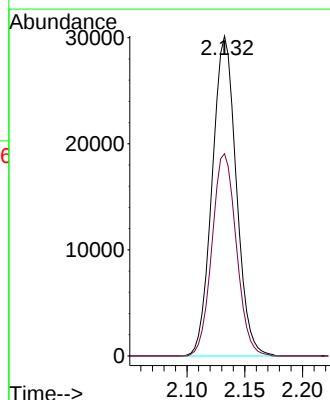
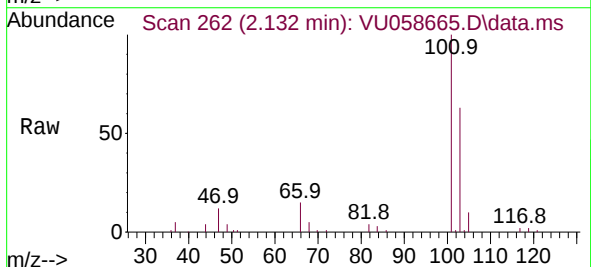
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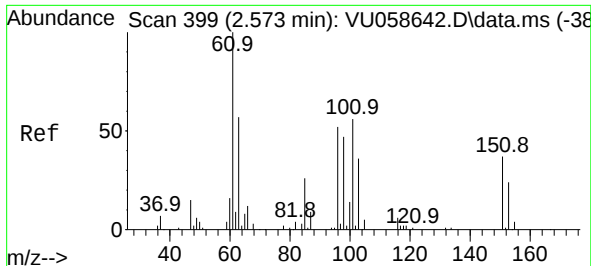
Tgt Ion: 64 Resp: 21221
Ion Ratio Lower Upper
64 100
66 30.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.228 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

Tgt Ion:101 Resp: 43769
Ion Ratio Lower Upper
101 100
103 63.8 51.2 76.8

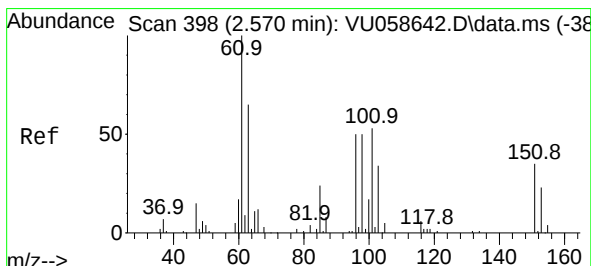
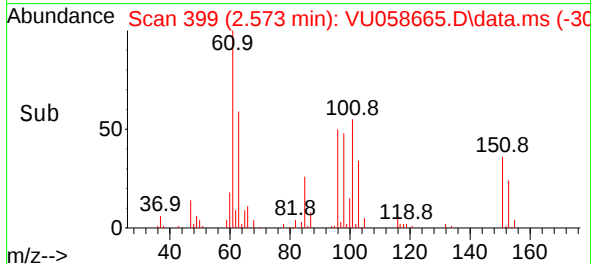
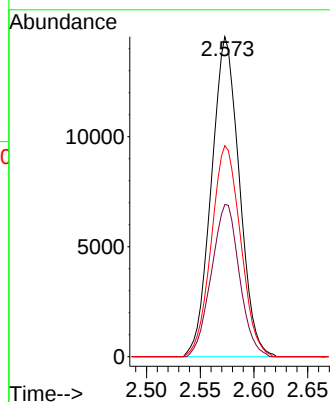
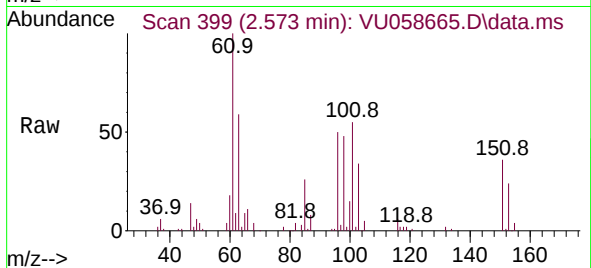




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.272 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

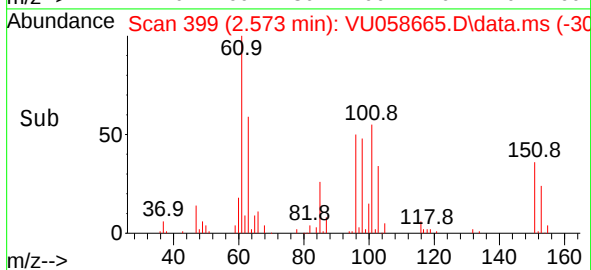
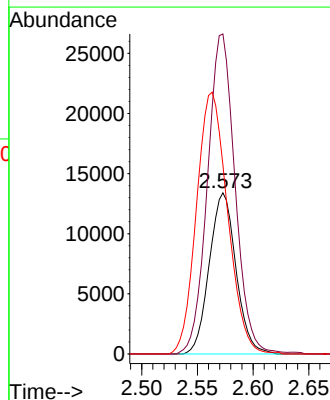
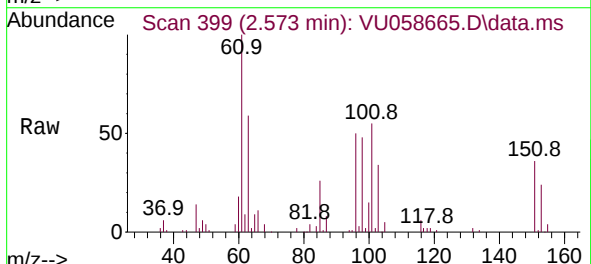
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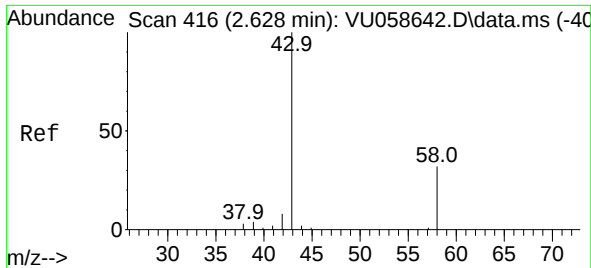
Tgt Ion:101 Resp: 26278
Ion Ratio Lower Upper
101 100
85 47.8 36.8 55.2
151 69.0 58.2 87.4



#12
1,1-Dichloroethene
Concen: 4.091 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

Tgt Ion: 96 Resp: 22311
Ion Ratio Lower Upper
96 100
61 198.6 132.5 246.1
63 117.3 87.7 162.9





#13

Acetone

Concen: 38.982 ug/L

RT: 2.621 min Scan# 416

Delta R.T. -0.006 min

Lab File: VU058665.D

Acq: 12 Apr 2024 19:45

Instrument :

MSVOA_U

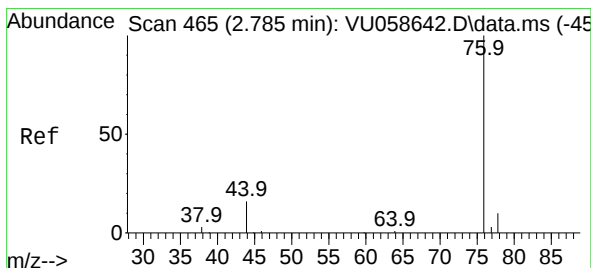
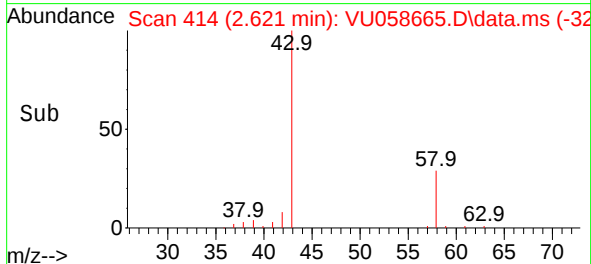
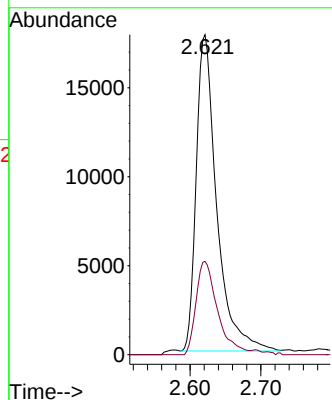
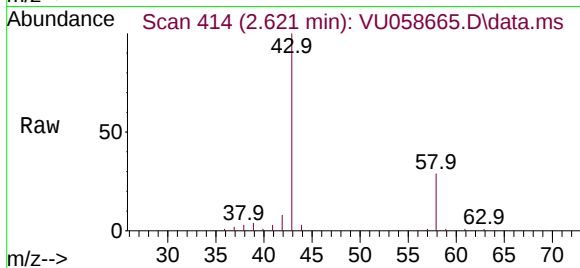
ClientSampleId :

Tgt Ion: 43 Resp: 35719

Ion Ratio Lower Upper

43 100

58 31.0 0.0 61.4



#14

Carbon disulfide

Concen: 3.840 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU058665.D

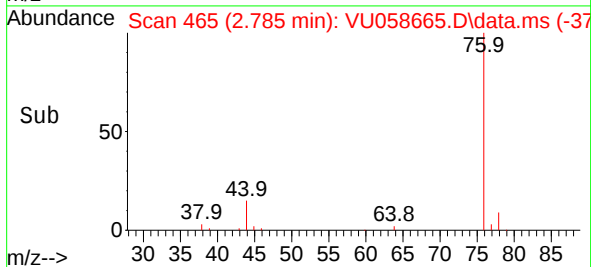
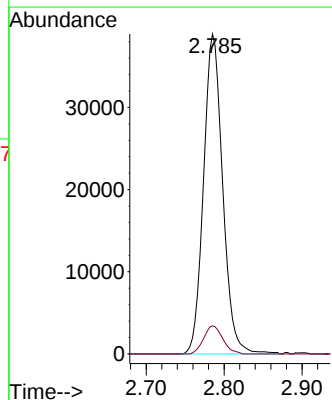
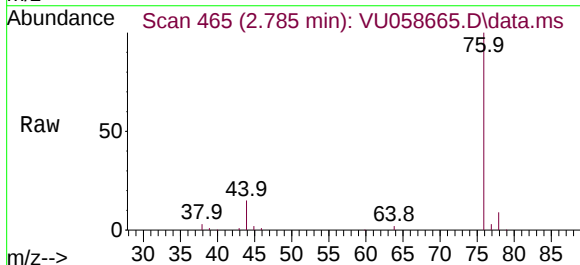
Acq: 12 Apr 2024 19:45

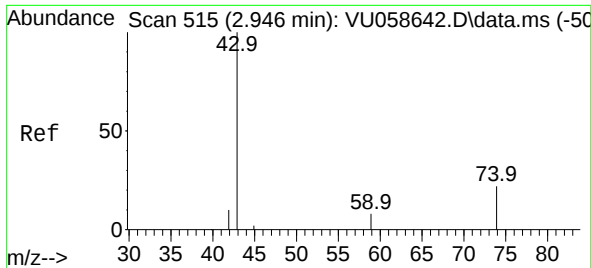
Tgt Ion: 76 Resp: 66520

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

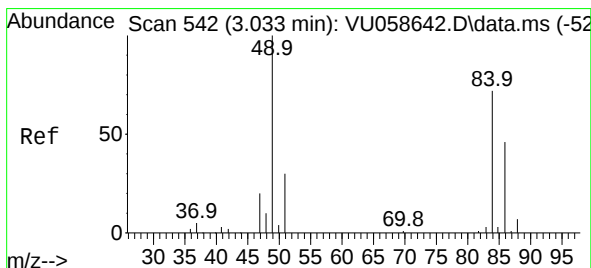
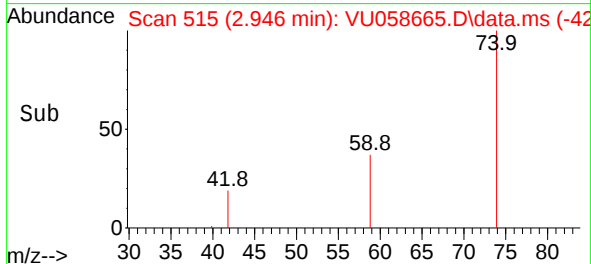
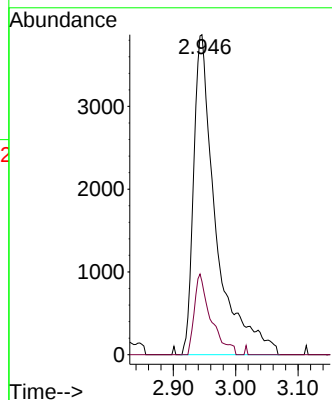
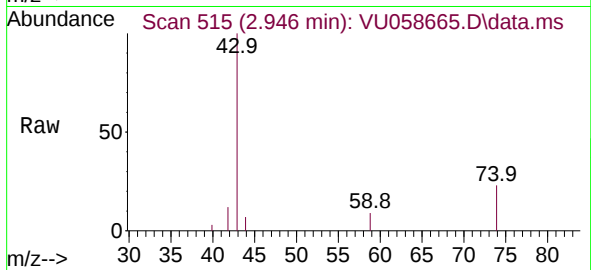




#15
Methyl Acetate
Concen: 4.446 ug/L
RT: 2.946 min Scan# 515
Delta R.T. -0.000 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

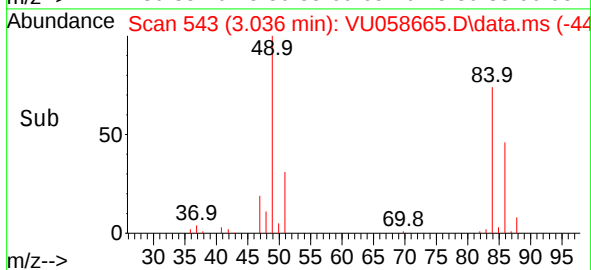
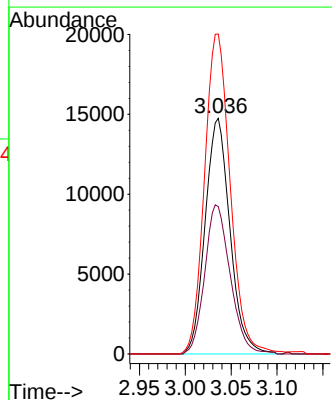
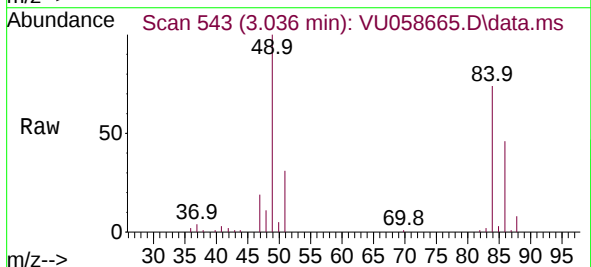
Instrument :
MSVOA_U
ClientSampleId :

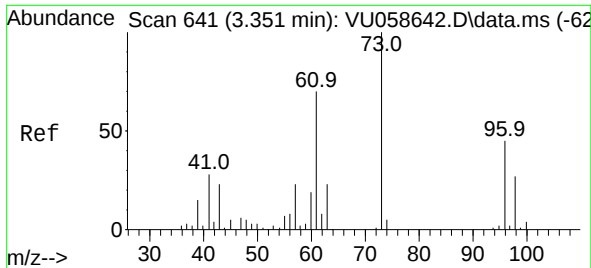
Tgt Ion: 43 Resp: 9612
Ion Ratio Lower Upper
43 100
74 18.5 16.6 25.0



#16
Methylene chloride
Concen: 3.843 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

Tgt Ion: 84 Resp: 27809
Ion Ratio Lower Upper
84 100
86 62.5 44.3 82.3
49 135.8 96.0 178.2

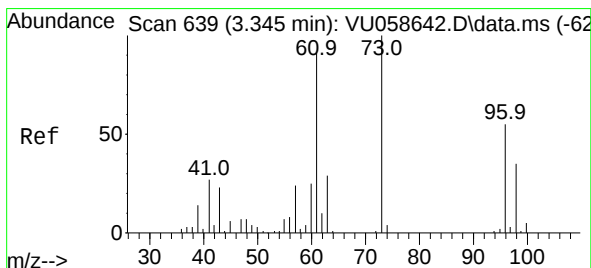
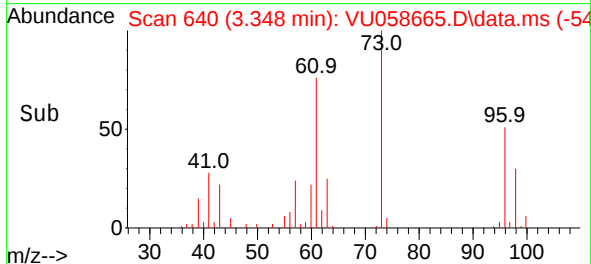
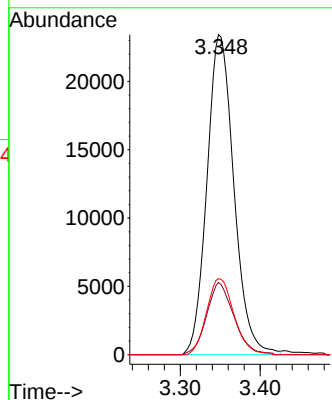
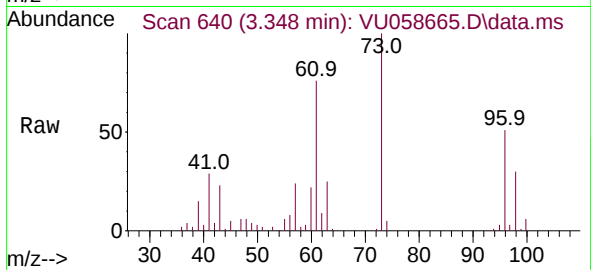




#17
Methyl tert-butyl Ether
Concen: 4.257 ug/L
RT: 3.348 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

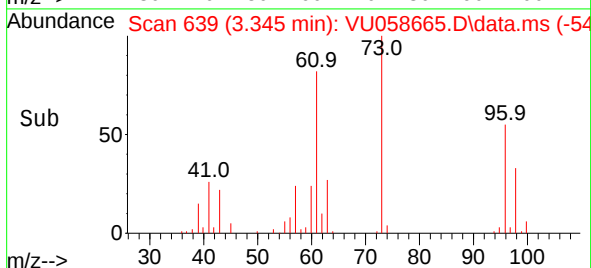
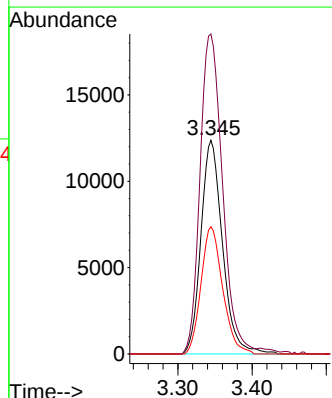
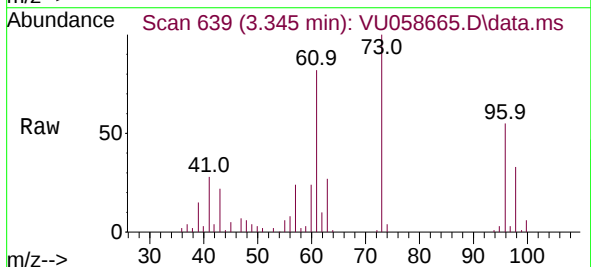
Instrument :
MSVOA_U
ClientSampleId :

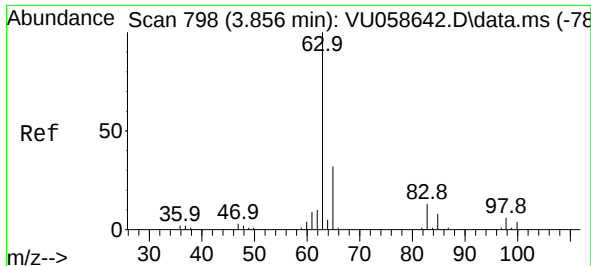
Tgt Ion: 73 Resp: 54837
Ion Ratio Lower Upper
73 100
43 22.9 17.4 26.2
57 24.1 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 4.377 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

Tgt Ion: 96 Resp: 25015
Ion Ratio Lower Upper
96 100
61 149.8 107.6 199.8
98 59.6 45.1 83.7

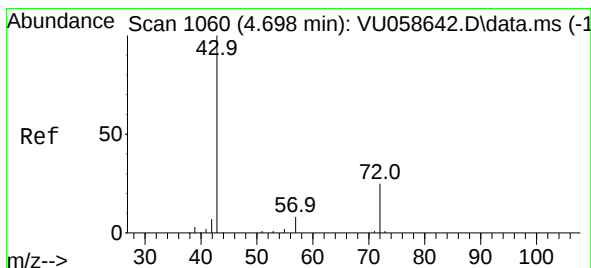
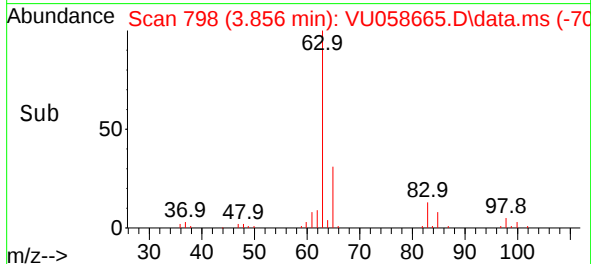
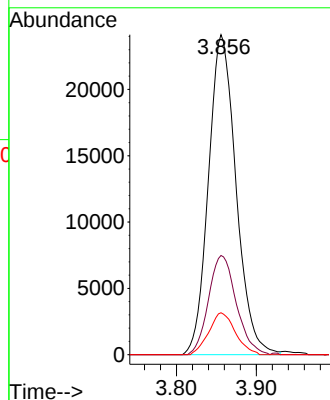
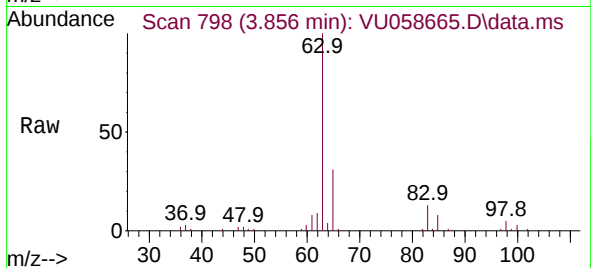




#19
1,1-Dichloroethane
Concen: 4.636 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

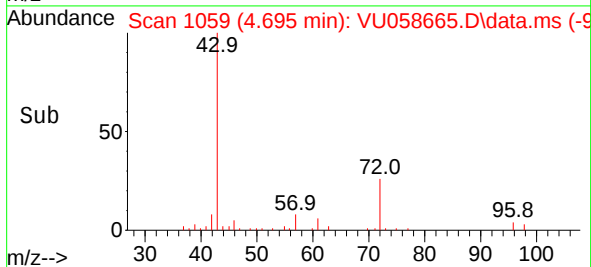
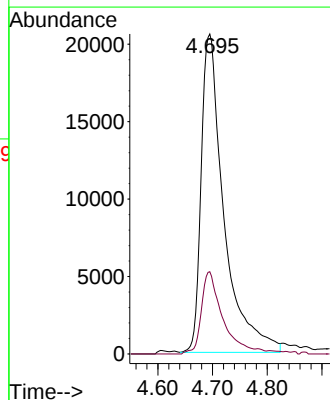
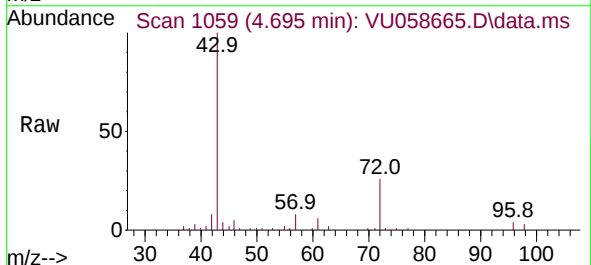
Instrument :
MSVOA_U
ClientSampleId :

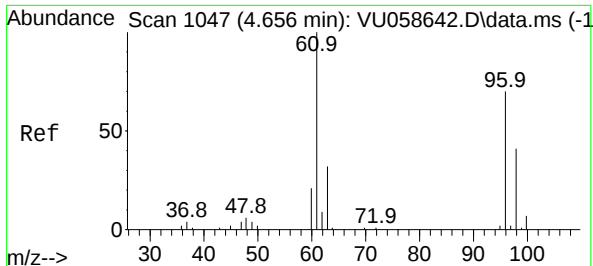
Tgt Ion: 63 Resp: 57826
Ion Ratio Lower Upper
63 100
65 31.0 22.9 42.5
83 13.1 9.6 17.8



#21
2-Butanone
Concen: 43.274 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.003 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

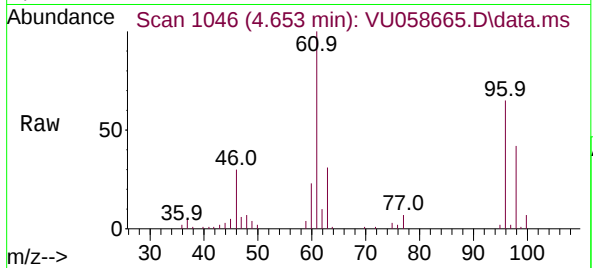
Tgt Ion: 43 Resp: 59266
Ion Ratio Lower Upper
43 100
72 23.9 11.7 35.0





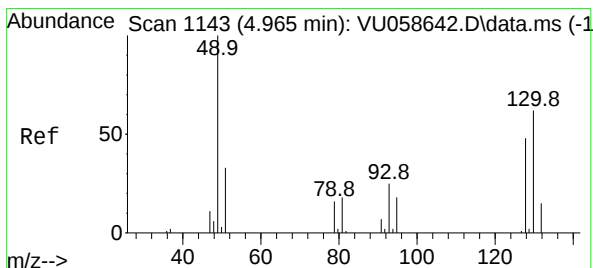
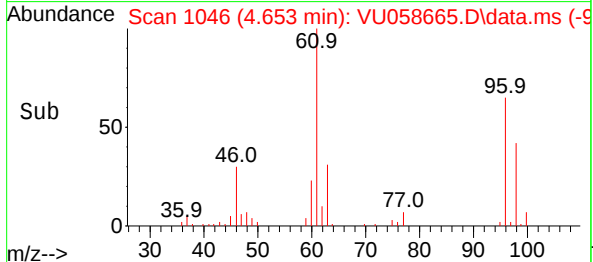
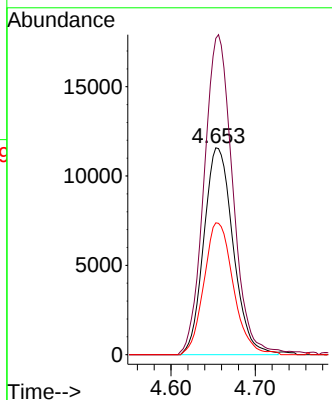
#22
cis-1,2-Dichloroethene
Concen: 4.361 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 27992

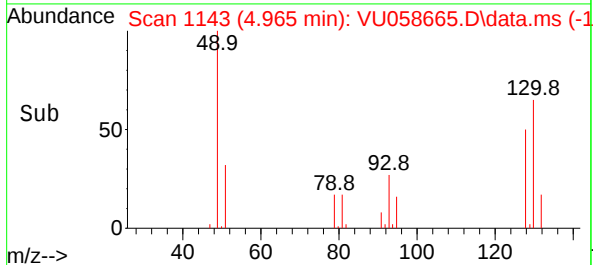
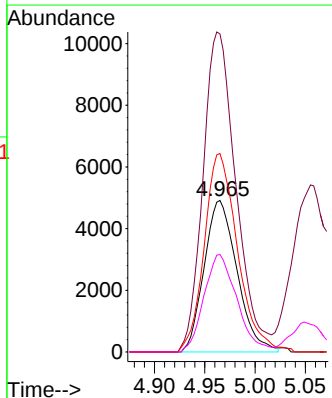
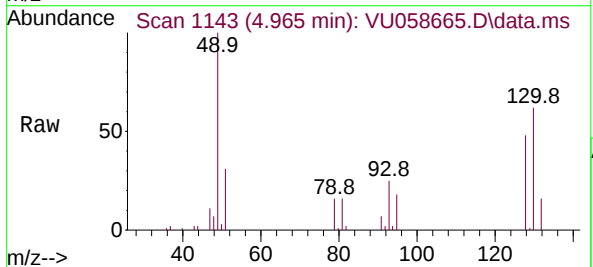
Ion	Ratio	Lower	Upper
96	100		
61	152.9	98.1	182.3
98	63.7	43.6	81.0

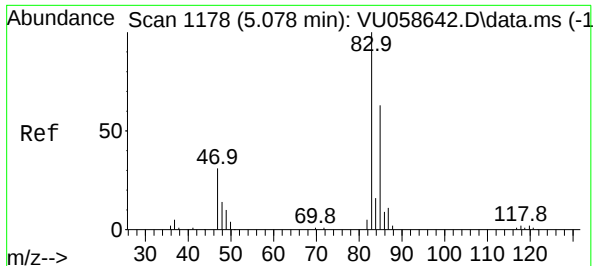


#23
Bromochloromethane
Concen: 4.420 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

Tgt Ion: 128 Resp: 11178

Ion	Ratio	Lower	Upper
128	100		
49	210.0	134.4	249.6
130	131.0	90.0	167.2
51	64.3	51.0	76.6





#25

Chloroform

Concen: 4.695 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU058665.D

Acq: 12 Apr 2024 19:45

Instrument :

MSVOA_U

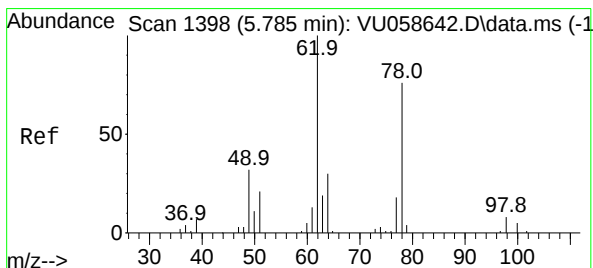
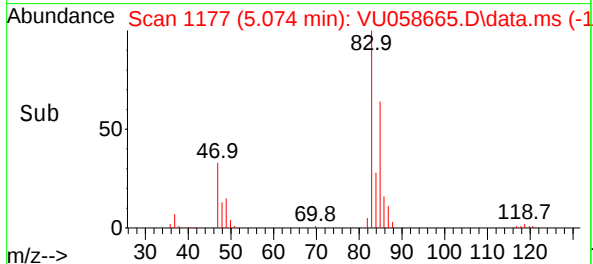
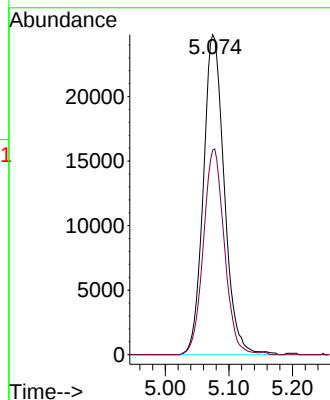
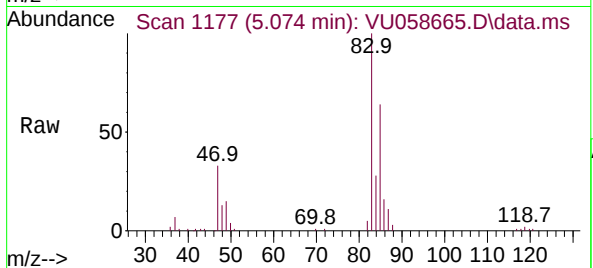
ClientSampleId :

Tgt Ion: 83 Resp: 56690

Ion Ratio Lower Upper

83 100

85 63.9 44.7 83.1



#27

1,2-Dichloroethane

Concen: 4.609 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU058665.D

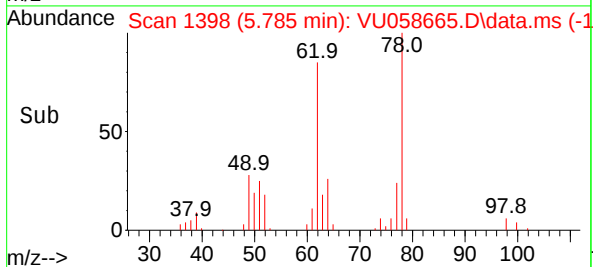
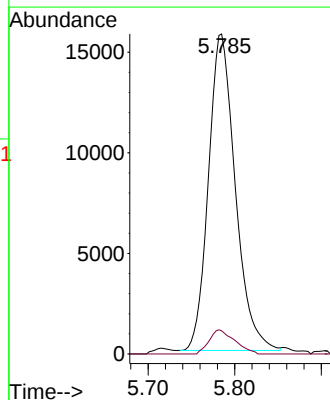
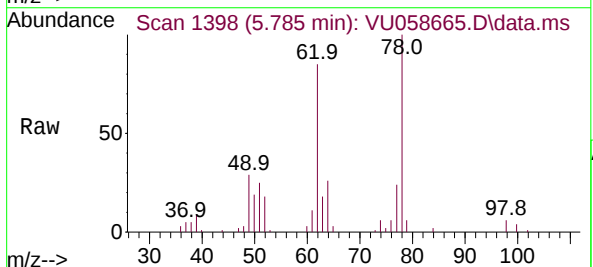
Acq: 12 Apr 2024 19:45

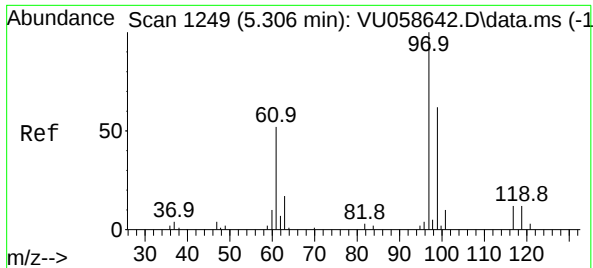
Tgt Ion: 62 Resp: 33883

Ion Ratio Lower Upper

62 100

98 7.3 7.0 10.4



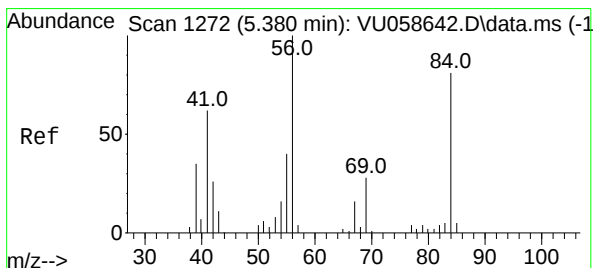
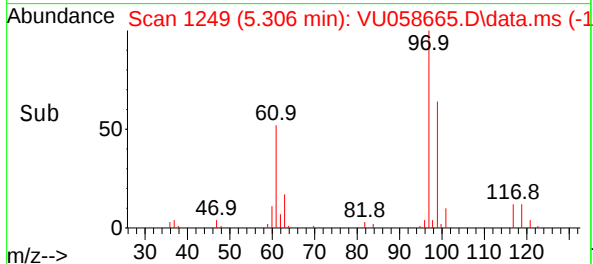
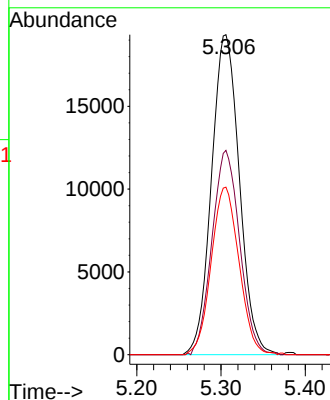
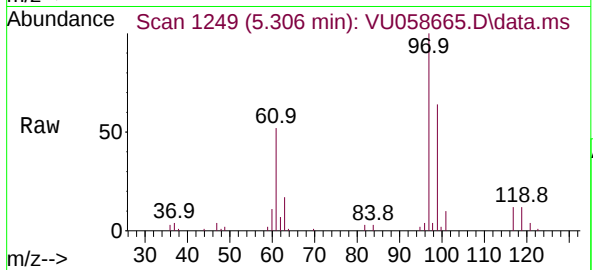


#29
1,1,1-Trichloroethane
Concen: 4.430 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 44433

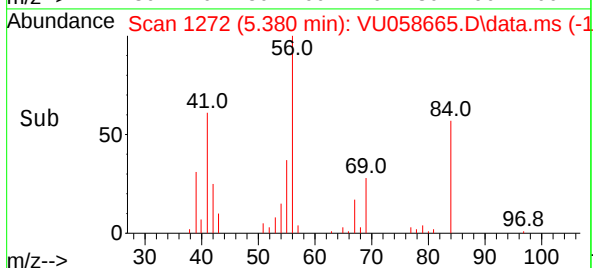
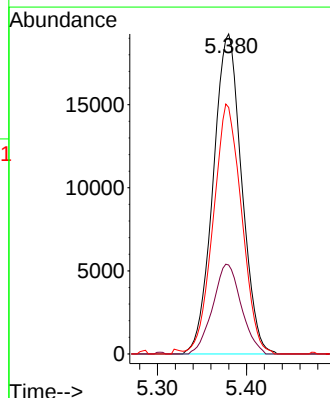
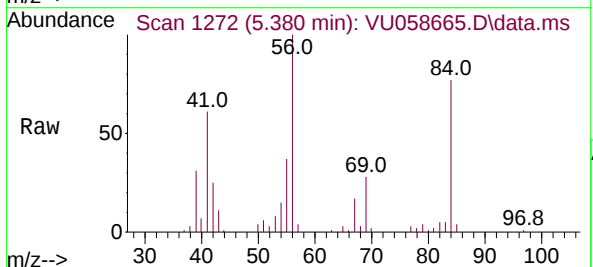
Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.4	75.6
61	52.2	39.4	59.0

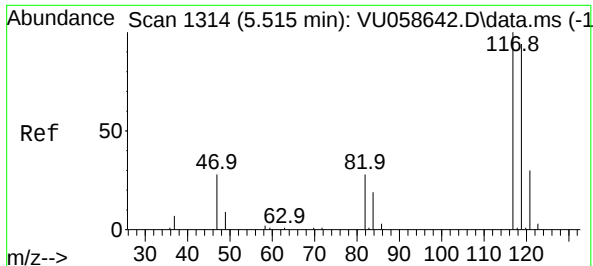


#30
Cyclohexane
Concen: 4.045 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

Tgt Ion: 56 Resp: 42842

Ion	Ratio	Lower	Upper
56	100		
69	27.9	23.2	34.8
84	77.9	63.3	94.9

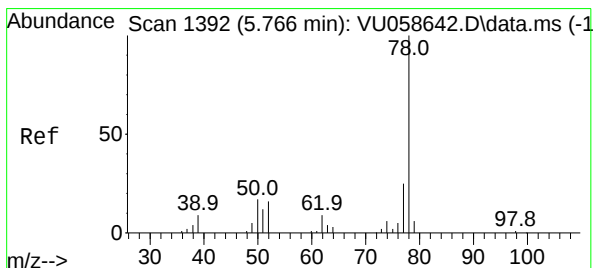
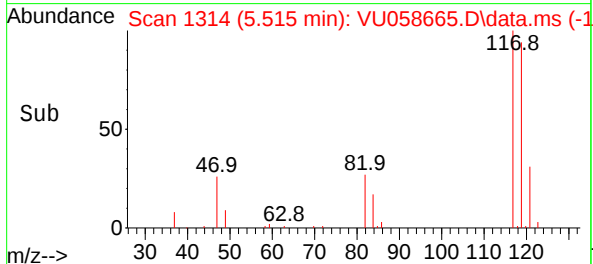
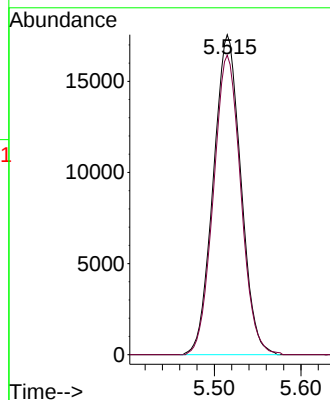
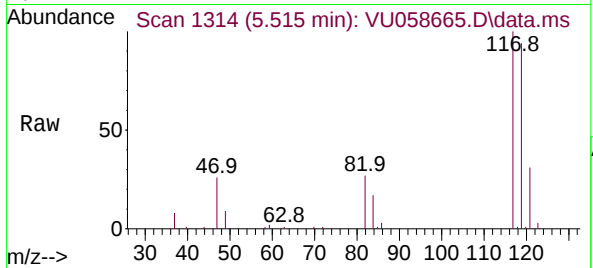




#31
Carbon tetrachloride
Concen: 4.565 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

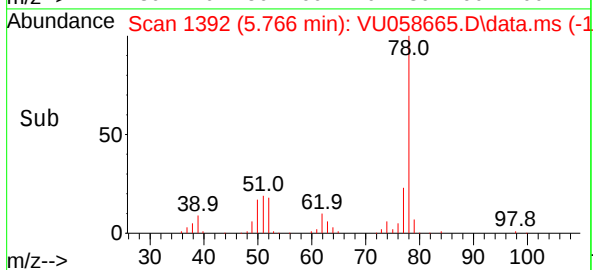
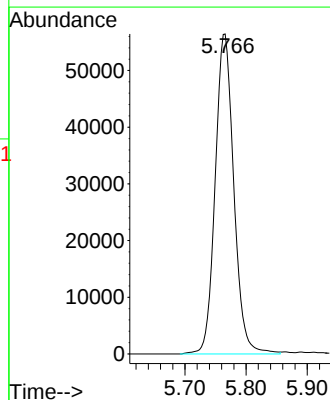
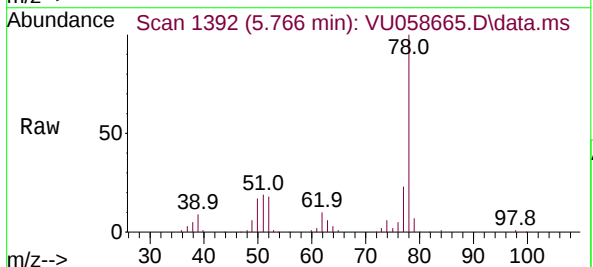
Instrument :
MSVOA_U
ClientSampleId :

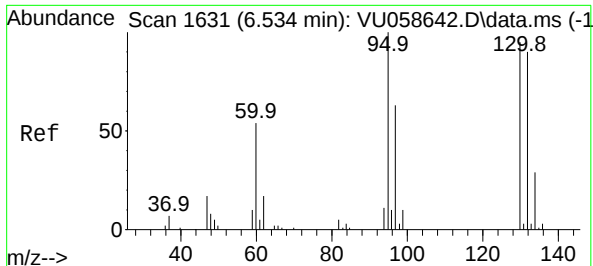
Tgt Ion:117 Resp: 38771
Ion Ratio Lower Upper
117 100
119 93.1 76.7 115.1



#33
Benzene
Concen: 4.409 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

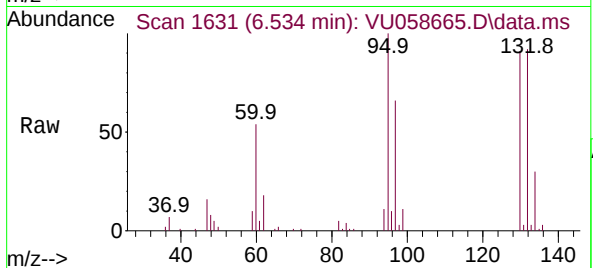
Tgt Ion: 78 Resp: 119563



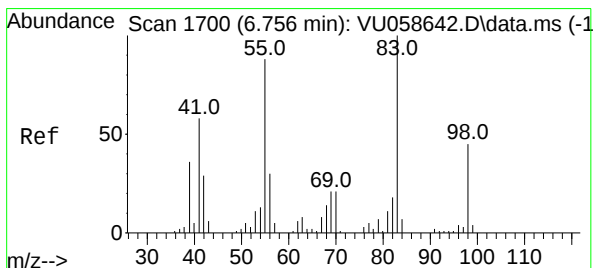
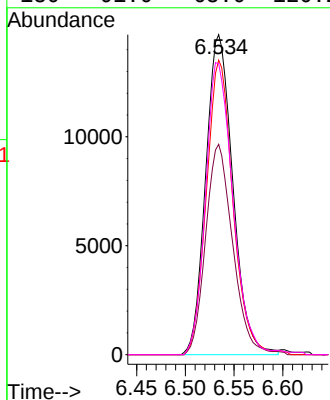
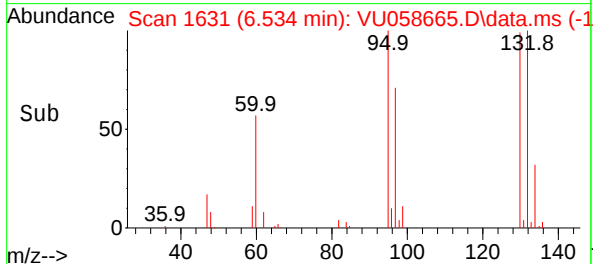


#34
Trichloroethene
Concen: 4.170 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

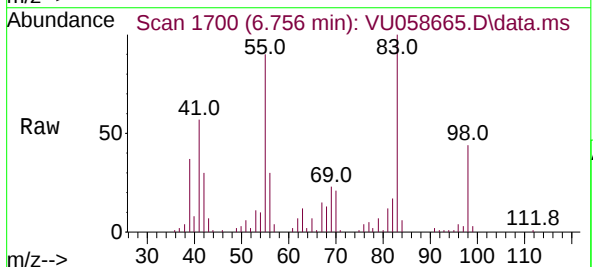
Instrument :
MSVOA_U
ClientSampleId :



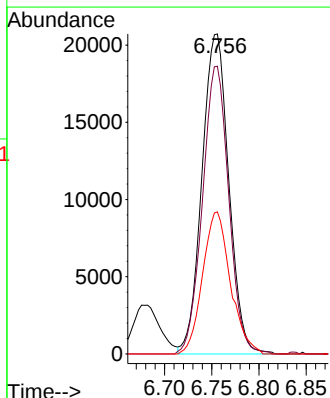
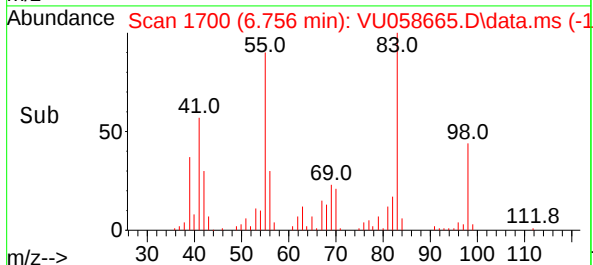
Tgt Ion: 95 Resp: 28504
Ion Ratio Lower Upper
95 100
97 65.8 45.6 84.6
132 92.1 64.8 120.3
130 91.0 68.0 126.2

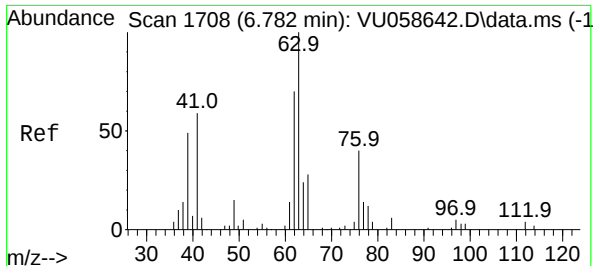


#35
Methylcyclohexane
Concen: 3.976 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45



Tgt Ion: 83 Resp: 40947
Ion Ratio Lower Upper
83 100
55 87.9 66.2 99.4
98 45.9 34.6 52.0

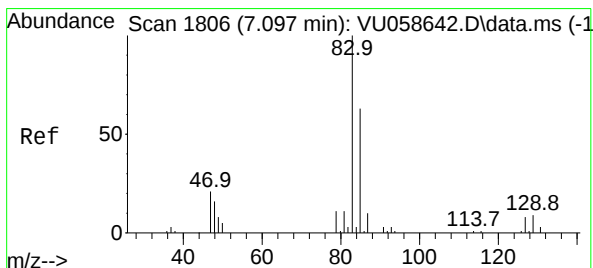
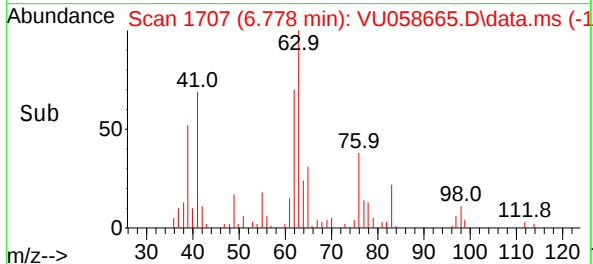
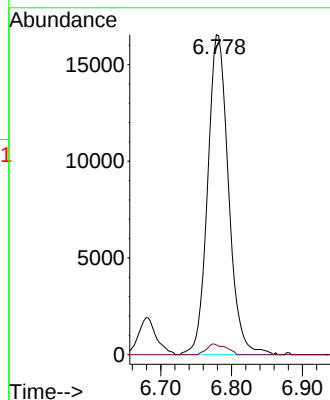
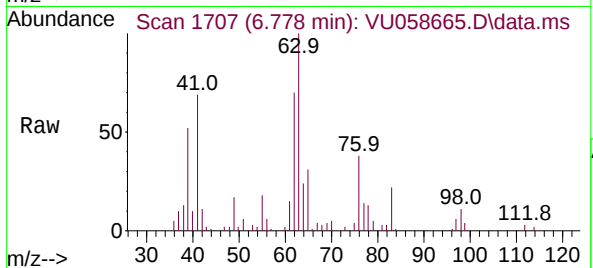




#37
1,2-Dichloropropane
Concen: 4.743 ug/L
RT: 6.778 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

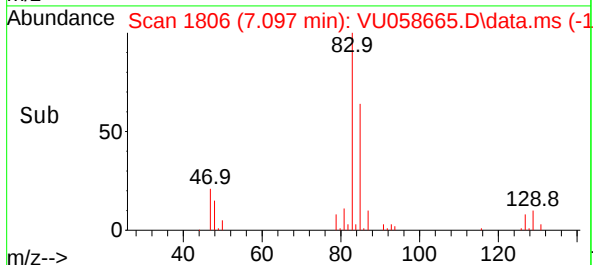
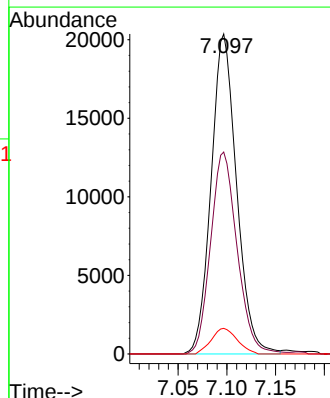
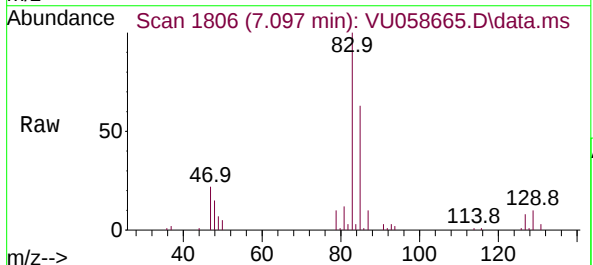
Instrument :
MSVOA_U
ClientSampleId :

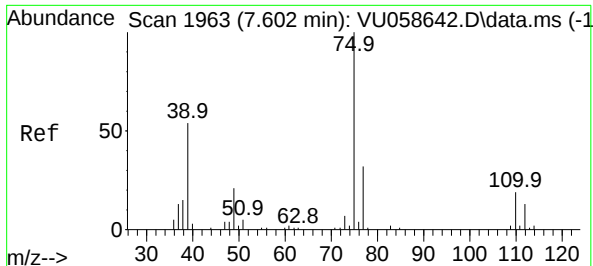
Tgt Ion: 63 Resp: 33836
Ion Ratio Lower Upper
63 100
112 3.1 2.6 4.0



#38
Bromodichloromethane
Concen: 4.550 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

Tgt Ion: 83 Resp: 37053
Ion Ratio Lower Upper
83 100
85 63.1 44.2 82.2
127 8.0 6.5 9.7

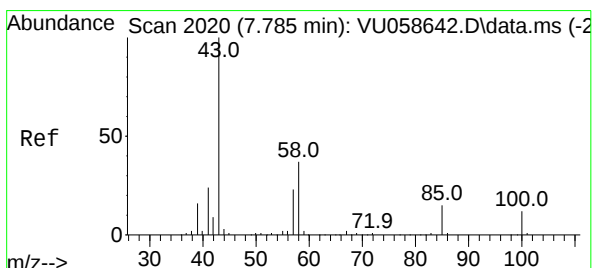
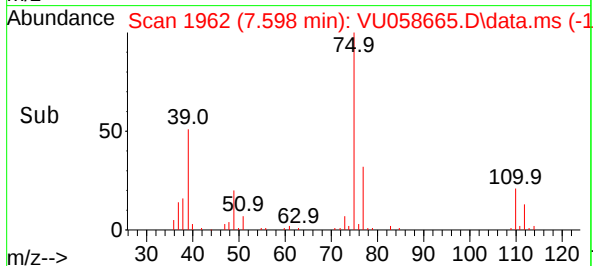
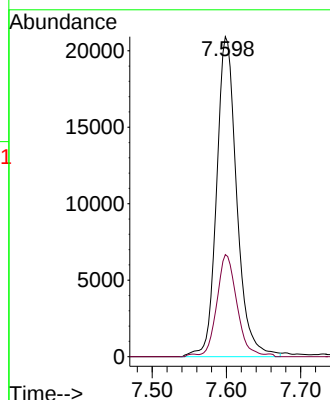
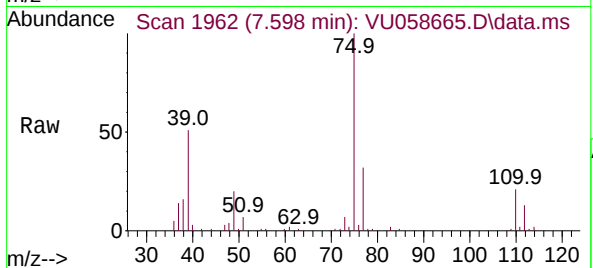




#39
 cis-1,3-Dichloropropene
 Concen: 4.351 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU058665.D
 Acq: 12 Apr 2024 19:45

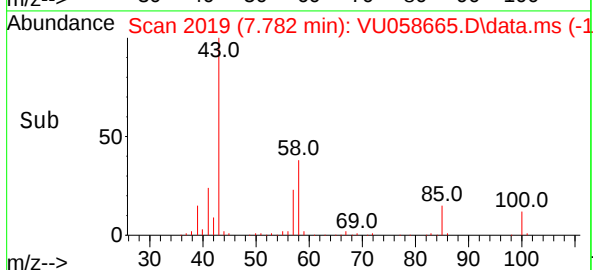
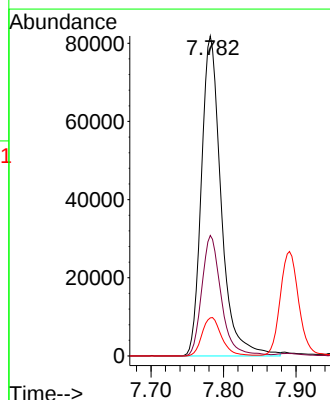
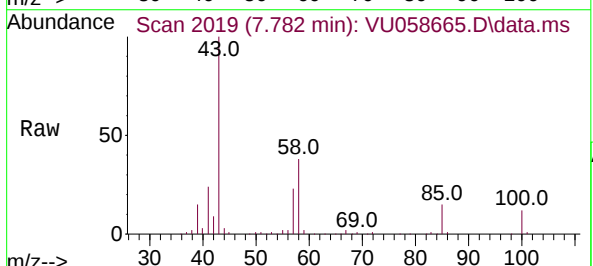
Instrument :
 MSVOA_U
 ClientSampleId :

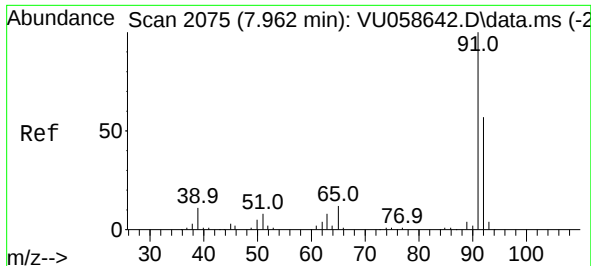
Tgt Ion: 75 Resp: 39474
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 46.188 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU058665.D
 Acq: 12 Apr 2024 19:45

Tgt Ion: 43 Resp: 155098
 Ion Ratio Lower Upper
 43 100
 58 37.2 30.4 45.6
 100 12.0 10.3 15.5





#42

Toluene

Concen: 4.336 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058665.D

Acq: 12 Apr 2024 19:45

Instrument :

MSVOA_U

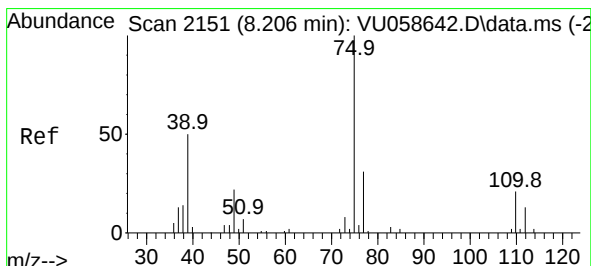
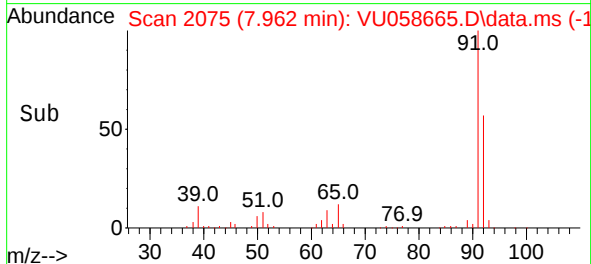
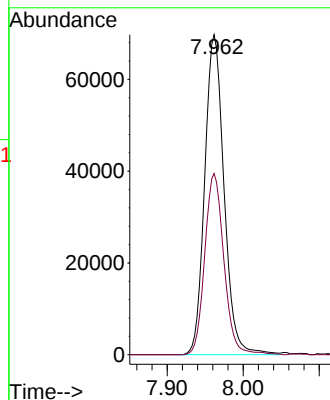
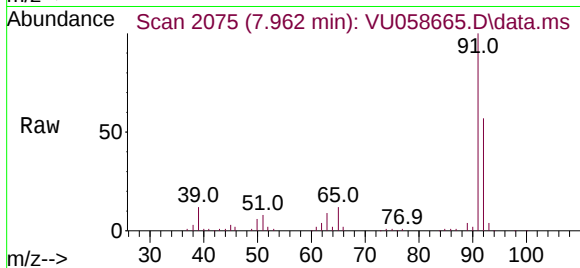
ClientSampleId :

Tgt Ion: 91 Resp: 123321

Ion Ratio Lower Upper

91 100

92 56.6 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 4.478 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU058665.D

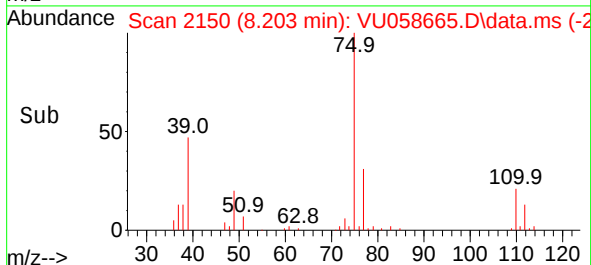
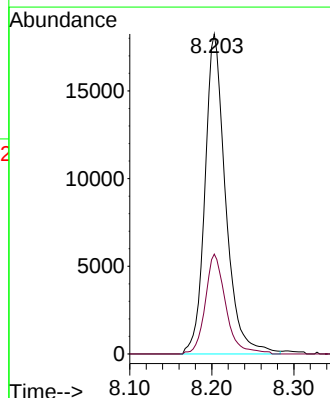
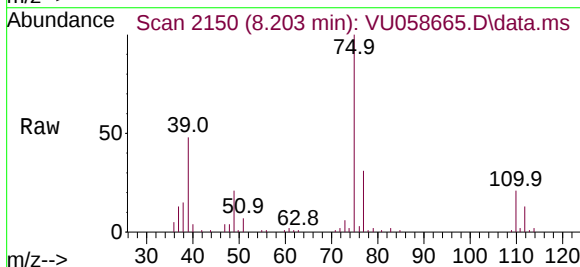
Acq: 12 Apr 2024 19:45

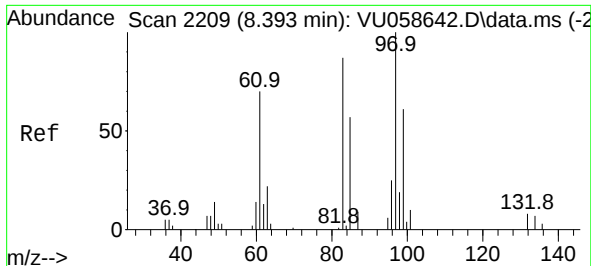
Tgt Ion: 75 Resp: 32037

Ion Ratio Lower Upper

75 100

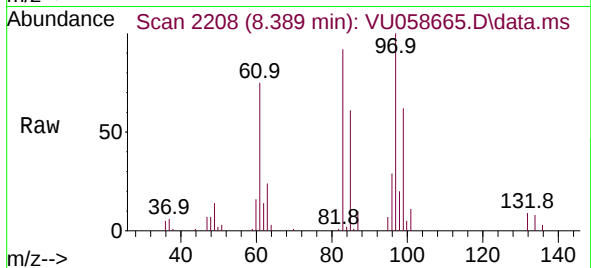
77 31.2 22.2 41.2



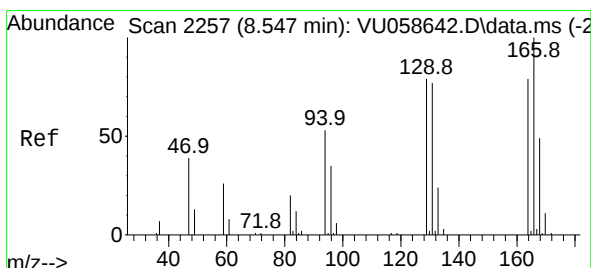
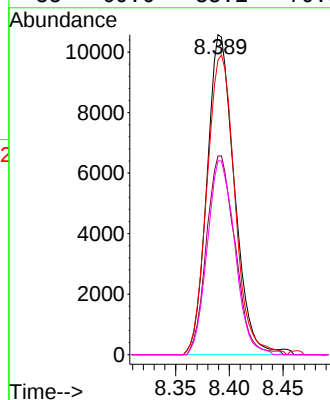
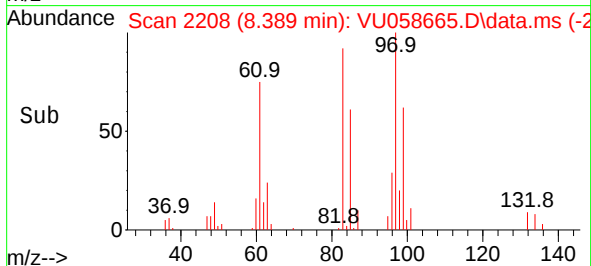


#45
1,1,2-Trichloroethane
Concen: 4.479 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

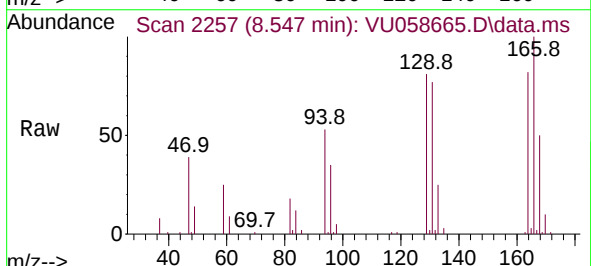
Instrument :
MSVOA_U
ClientSampleId :



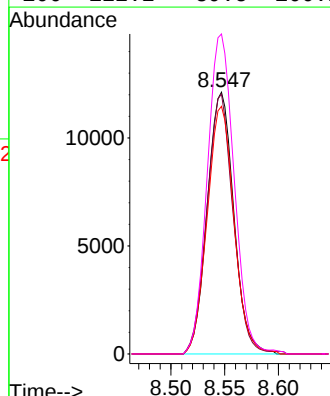
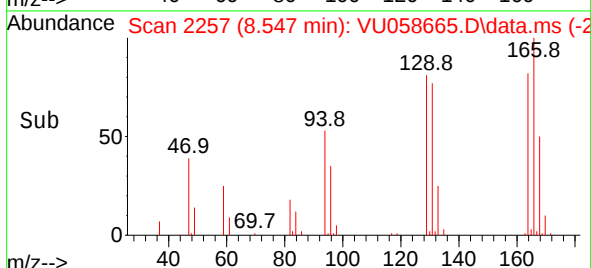
Tgt Ion:	97	Resp:	18662
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.7	81.1
83	92.1	64.5	119.7
85	60.6	38.1	70.9

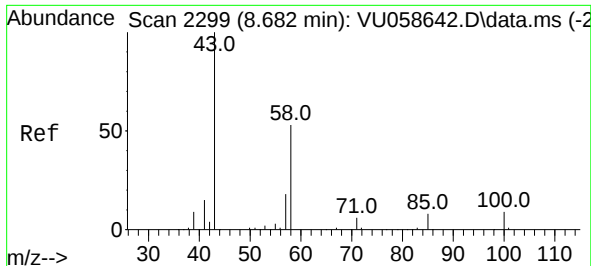


#47
Tetrachloroethene
Concen: 4.152 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45



Tgt Ion:	164	Resp:	20806
Ion	Ratio	Lower	Upper
164	100		
129	99.2	67.3	125.1
131	94.6	65.5	121.6
166	122.2	89.5	166.1





#48

2-Hexanone

Concen: 47.050 ug/L

RT: 8.679 min Scan# 21

Delta R.T. -0.003 min

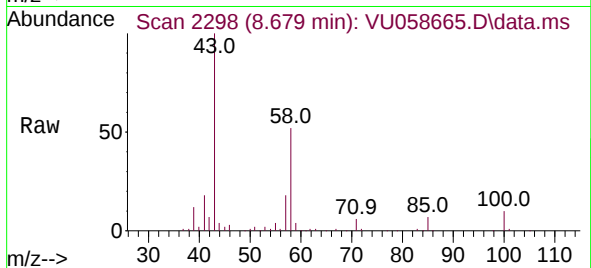
Lab File: VU058665.D

Acq: 12 Apr 2024 19:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 112162

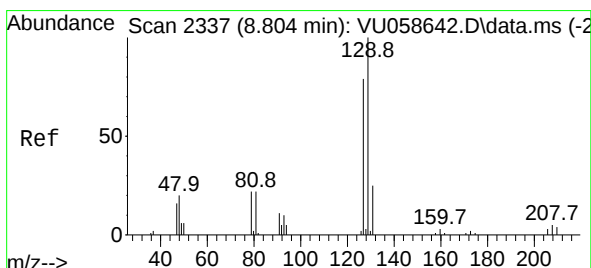
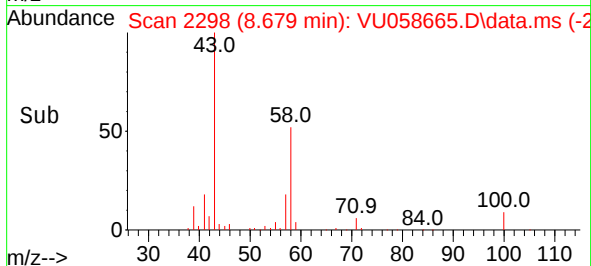
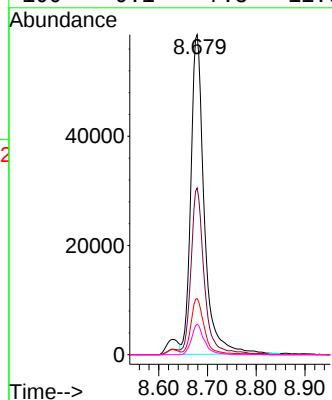
Ion Ratio Lower Upper

43 100

58 50.7 43.2 64.8

57 17.1 15.4 23.0

100 9.1 7.8 11.6



#49

Dibromochloromethane

Concen: 4.542 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.003 min

Lab File: VU058665.D

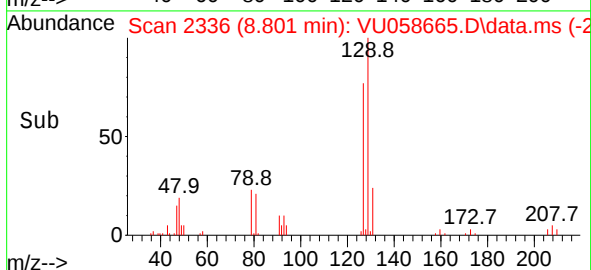
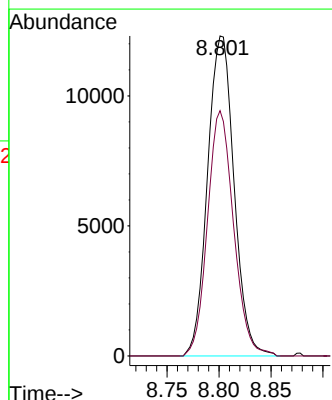
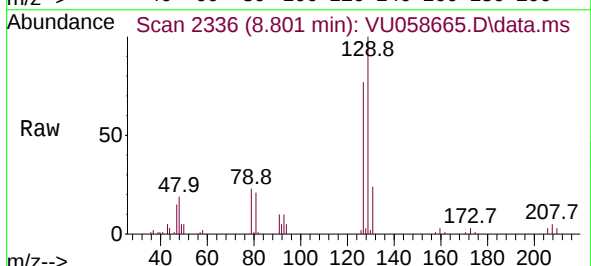
Acq: 12 Apr 2024 19:45

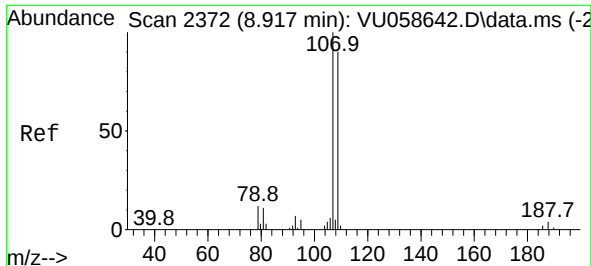
Tgt Ion: 129 Resp: 21880

Ion Ratio Lower Upper

129 100

127 76.7 53.5 99.5





#50

1,2-Dibromoethane

Concen: 4.460 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min MSVOA_U

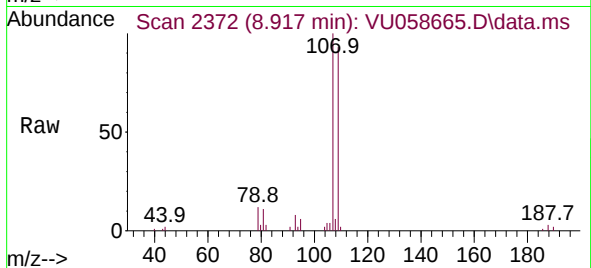
Lab File: VU058665.D

Acq: 12 Apr 2024 19:45

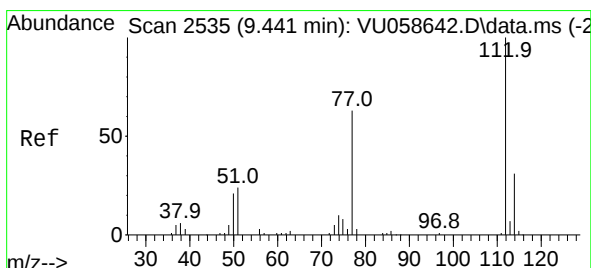
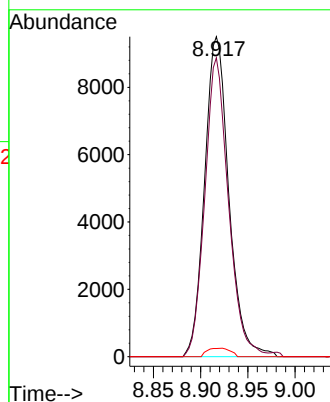
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	16996
Ion Ratio	Lower	Upper	
107	100		
109	93.4	67.3	124.9
188	2.5	2.5	3.7



#51

Chlorobenzene

Concen: 4.316 ug/L

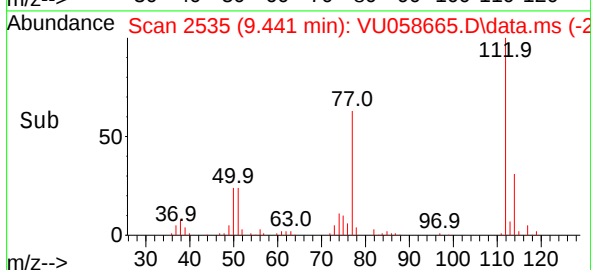
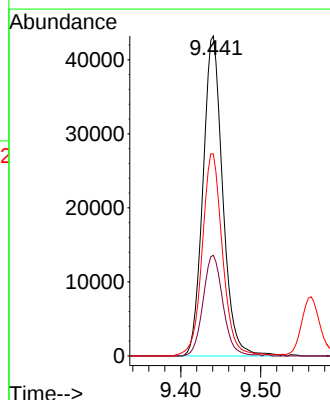
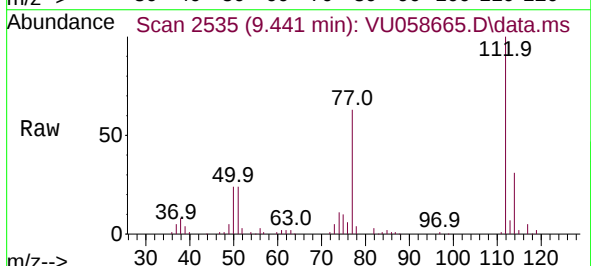
RT: 9.441 min Scan# 2535

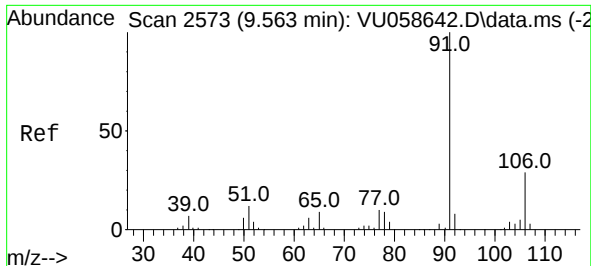
Delta R.T. -0.000 min

Lab File: VU058665.D

Acq: 12 Apr 2024 19:45

Tgt Ion:	112	Resp:	74268
Ion Ratio	Lower	Upper	
112	100		
114	31.5	22.4	41.6
77	63.1	50.1	75.1

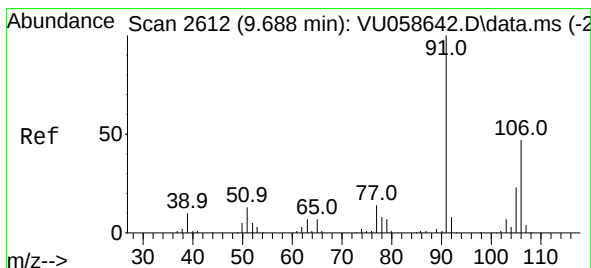
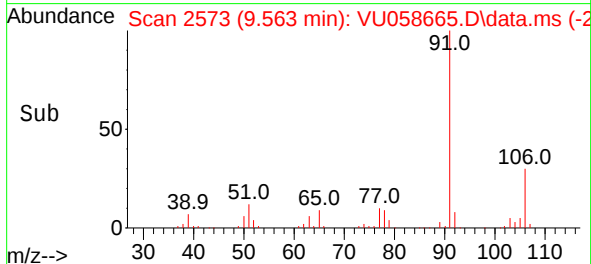
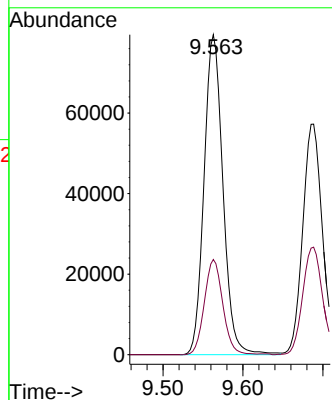
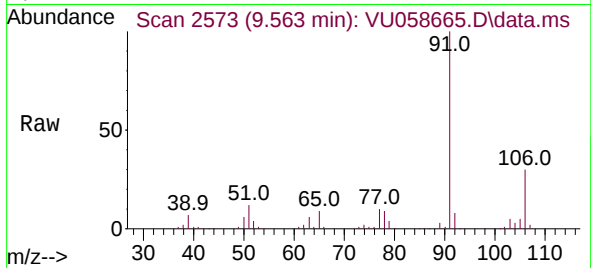




#52
Ethylbenzene
Concen: 4.339 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

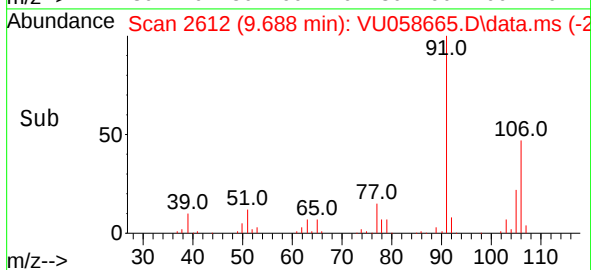
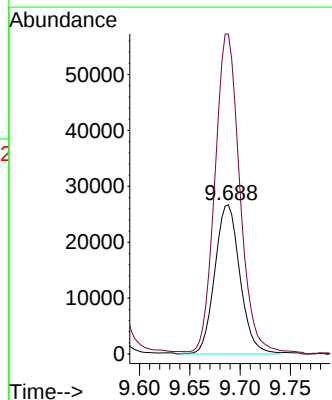
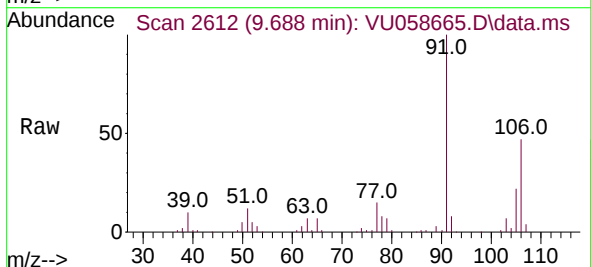
Instrument :
MSVOA_U
ClientSampleId :

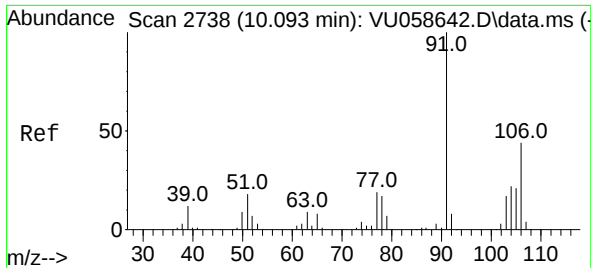
Tgt Ion: 91 Resp: 130727
Ion Ratio Lower Upper
91 100
106 29.8 20.6 38.4



#53
m,p-Xylene
Concen: 4.307 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

Tgt Ion: 106 Resp: 46475
Ion Ratio Lower Upper
106 100
91 214.5 147.8 274.4

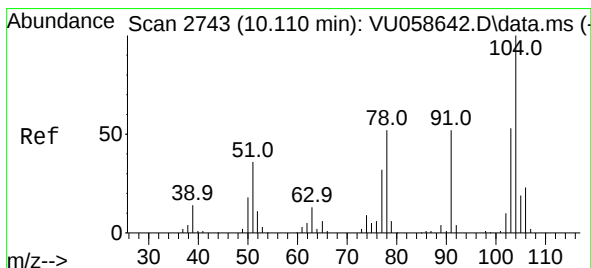
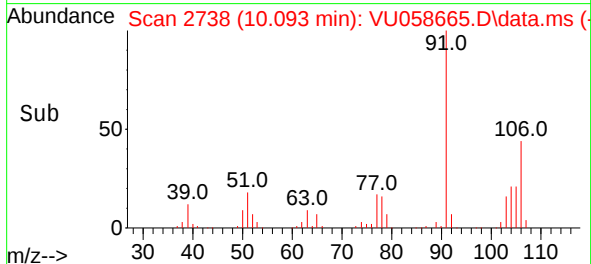
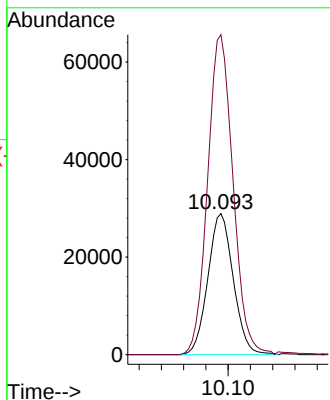
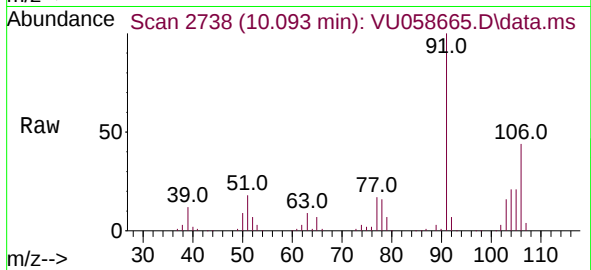




#54
o-Xylene
Concen: 4.339 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

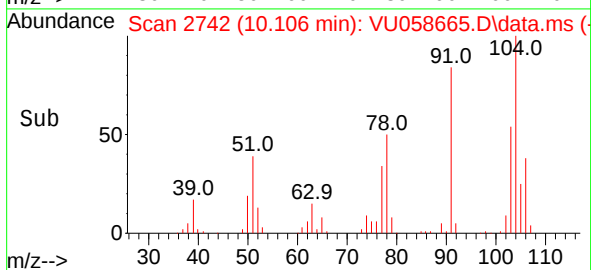
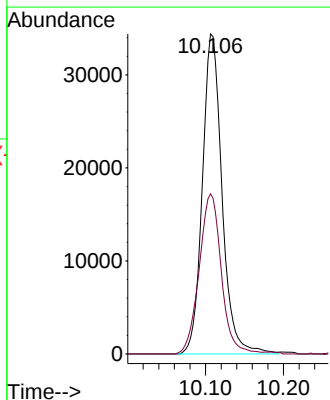
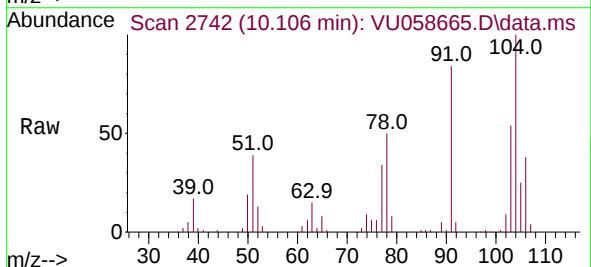
Instrument :
MSVOA_U
ClientSampleId :

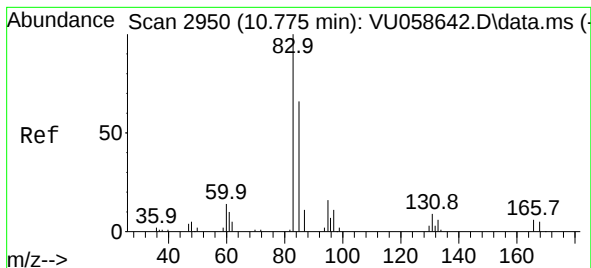
Tgt Ion:106 Resp: 45898
Ion Ratio Lower Upper
106 100
91 226.6 156.9 291.5



#55
Styrene
Concen: 3.549 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

Tgt Ion:104 Resp: 60407
Ion Ratio Lower Upper
104 100
78 50.1 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 4.687 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058665.D

Acq: 12 Apr 2024 19:45

Instrument :

MSVOA_U

ClientSampleId :

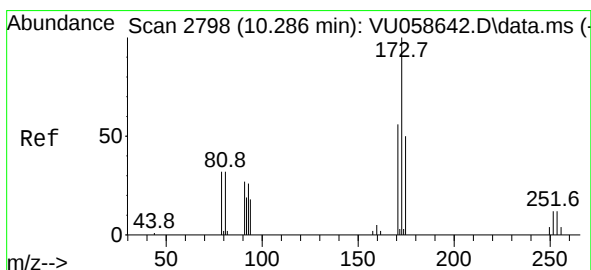
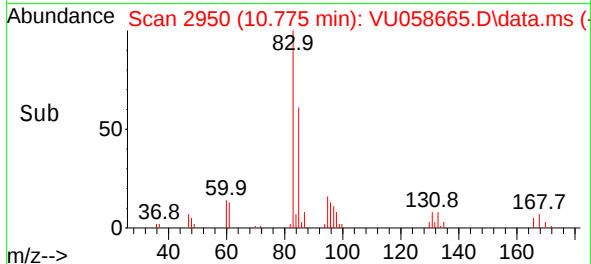
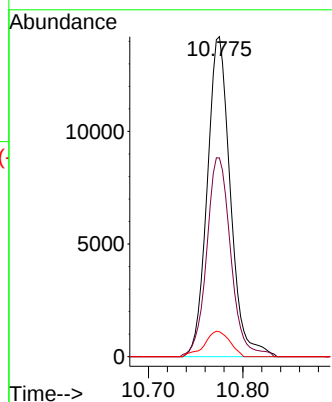
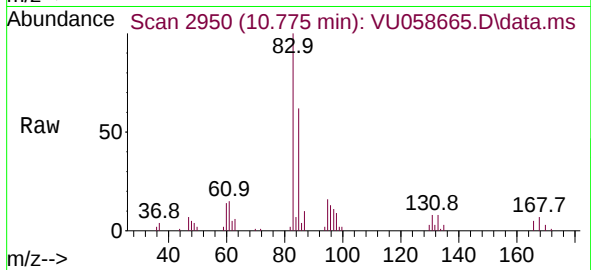
Tgt Ion: 83 Resp: 24088

Ion Ratio Lower Upper

83 100

85 62.1 45.1 83.7

131 7.8 6.9 10.3



#59

Bromoform

Concen: 4.537 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU058665.D

Acq: 12 Apr 2024 19:45

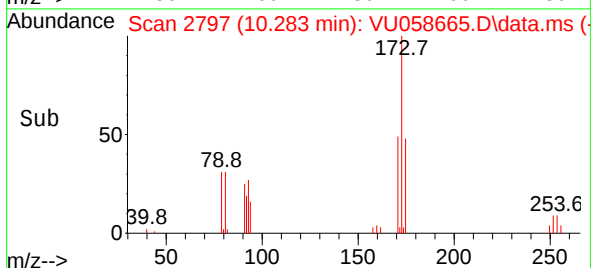
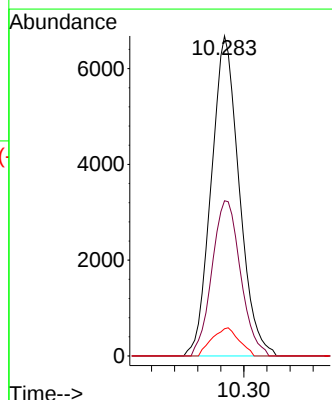
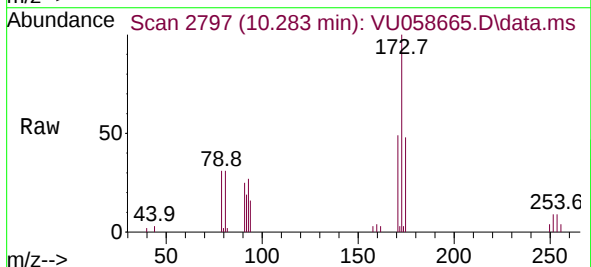
Tgt Ion: 173 Resp: 11219

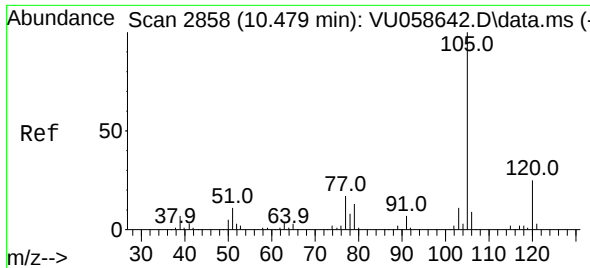
Ion Ratio Lower Upper

173 100

175 49.6 38.0 57.0

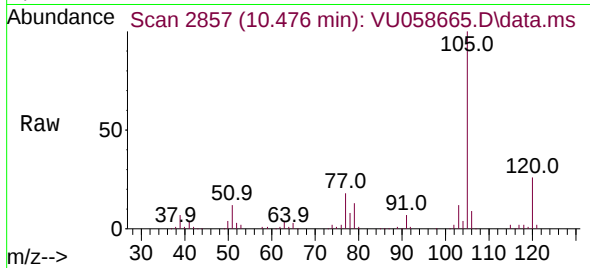
254 8.5 7.5 11.3



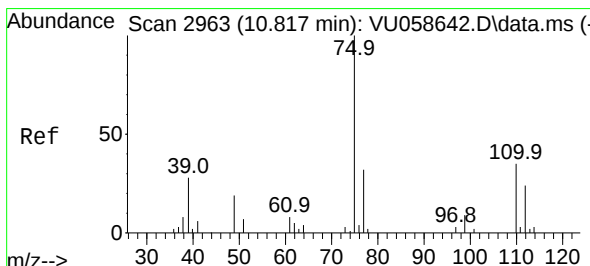
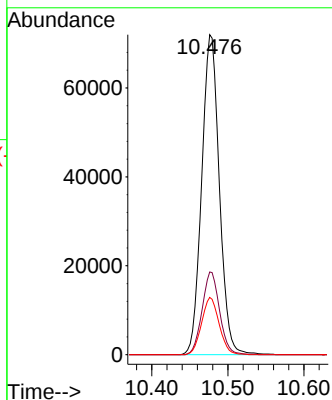
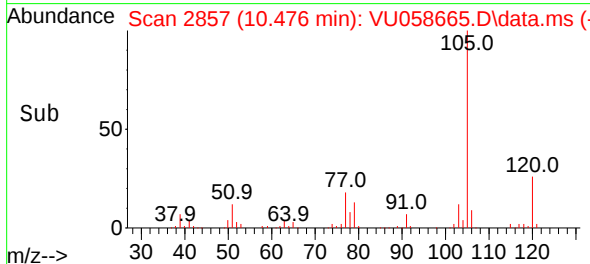


#60
Isopropylbenzene
Concen: 4.285 ug/L
RT: 10.476 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

Instrument :
MSVOA_U
ClientSampleId :

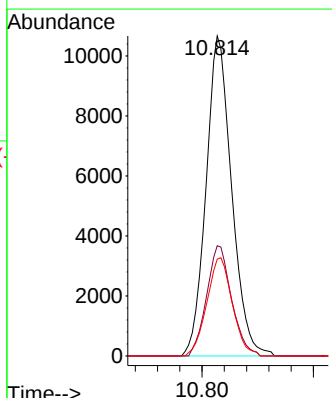
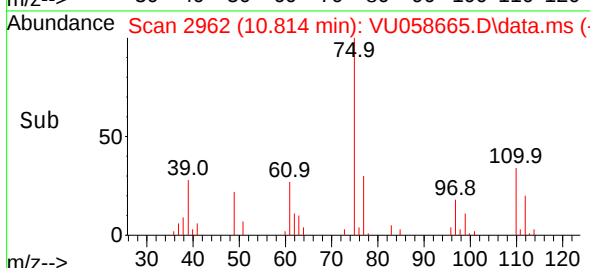
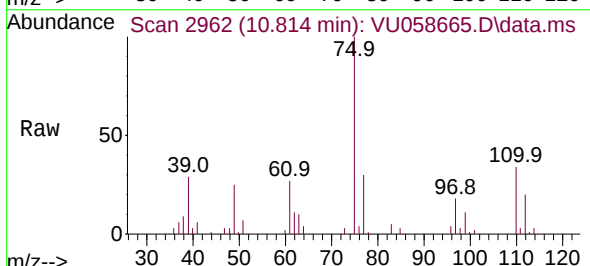


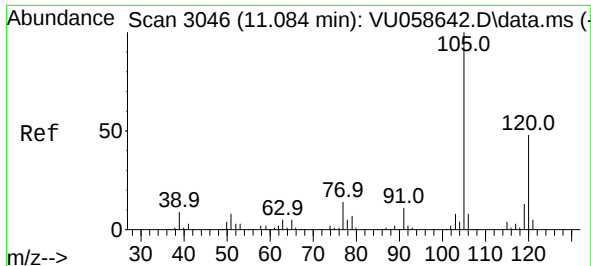
Tgt Ion:105 Resp: 116116
Ion Ratio Lower Upper
105 100
120 25.6 20.2 30.4
77 17.7 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 4.506 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

Tgt Ion: 75 Resp: 17017
Ion Ratio Lower Upper
75 100
110 33.5 25.8 38.6
77 30.5 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 4.068 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU058665.D

Acq: 12 Apr 2024 19:45

Instrument :

MSVOA_U

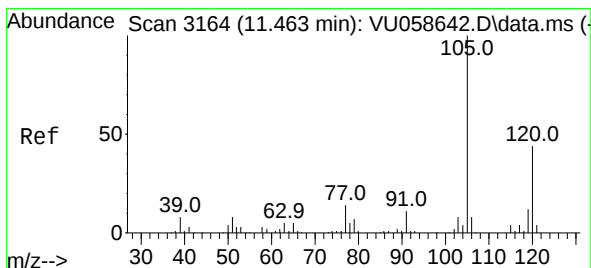
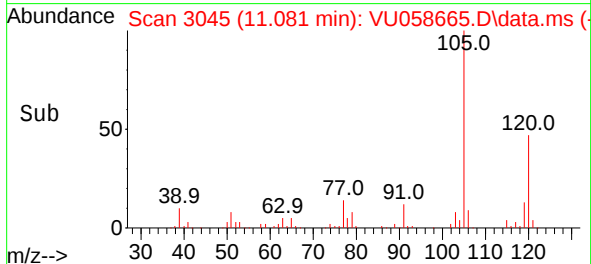
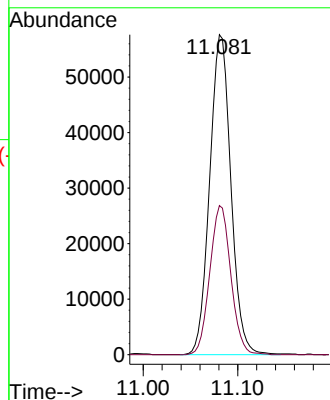
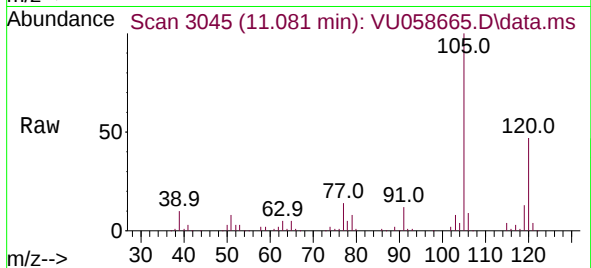
ClientSampleId :

Tgt Ion:105 Resp: 89896

Ion Ratio Lower Upper

105 100

120 46.1 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 3.892 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU058665.D

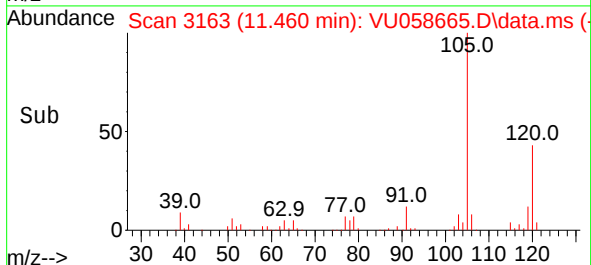
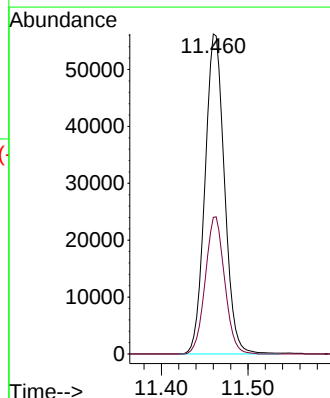
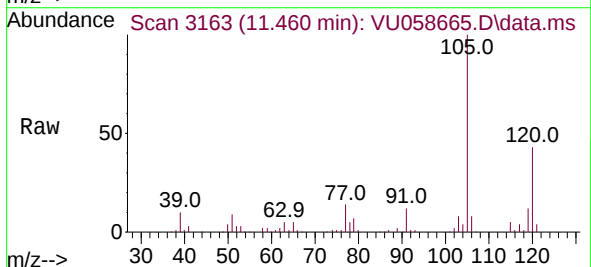
Acq: 12 Apr 2024 19:45

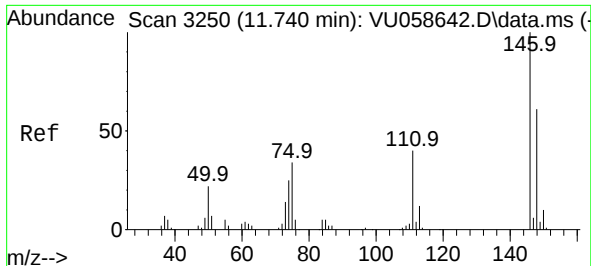
Tgt Ion:105 Resp: 87810

Ion Ratio Lower Upper

105 100

120 42.6 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 4.239 ug/L

RT: 11.740 min Scan# 31

Delta R.T. -0.000 min

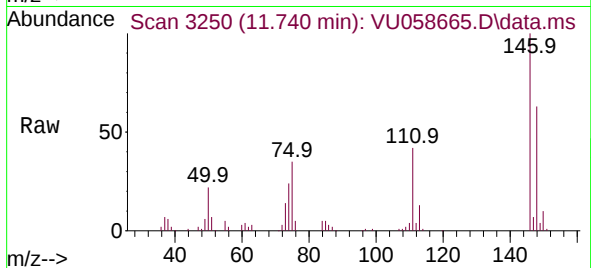
Lab File: VU058665.D

Acq: 12 Apr 2024 19:45

Instrument :

MSVOA_U

ClientSampleId :



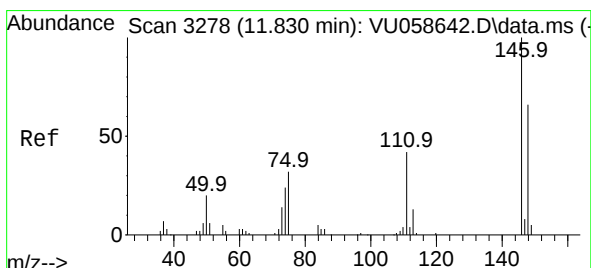
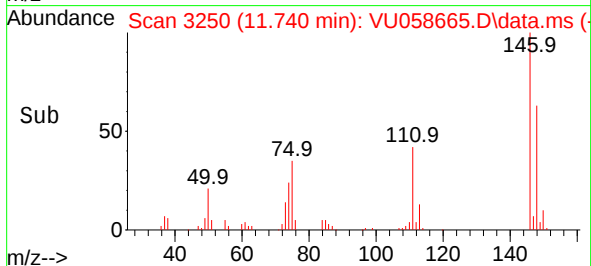
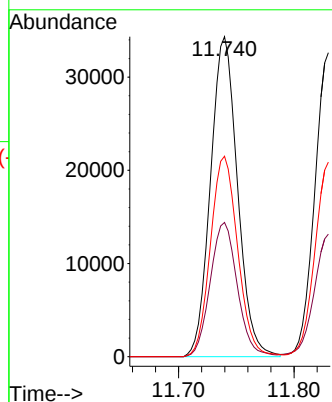
Tgt Ion:146 Resp: 55792

Ion Ratio Lower Upper

146 100

111 42.0 28.8 53.4

148 62.6 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 4.281 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU058665.D

Acq: 12 Apr 2024 19:45

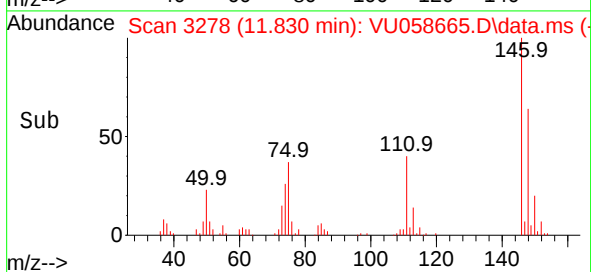
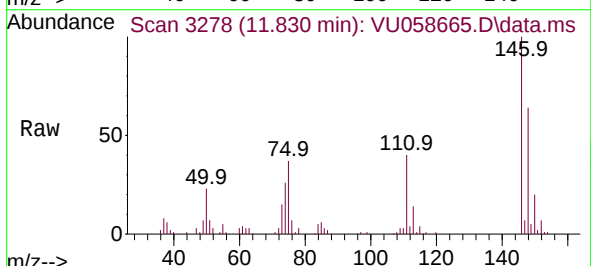
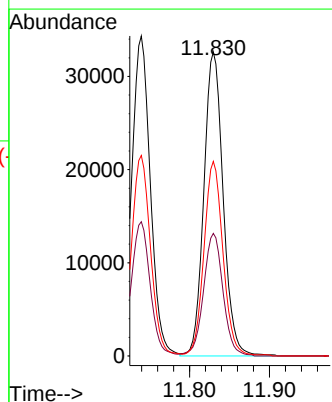
Tgt Ion:146 Resp: 54899

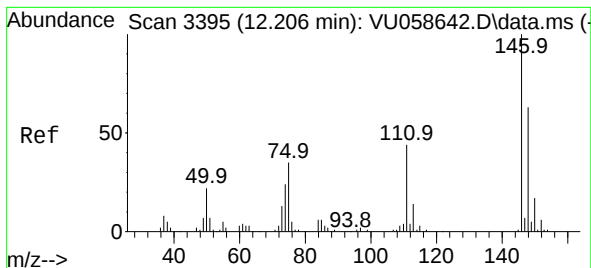
Ion Ratio Lower Upper

146 100

111 40.3 28.8 53.6

148 64.0 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.249 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

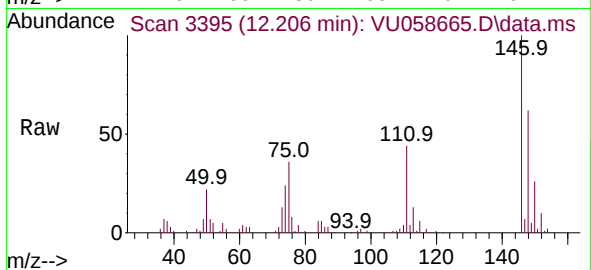
Lab File: VU058665.D

Acq: 12 Apr 2024 19:45

Instrument :

MSVOA_U

ClientSampleId :



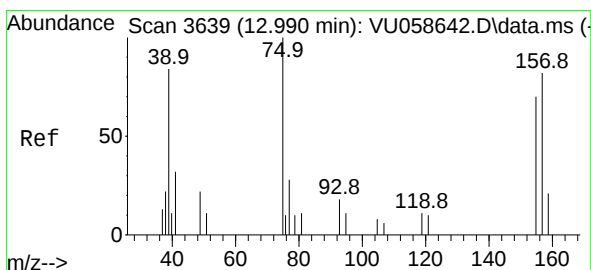
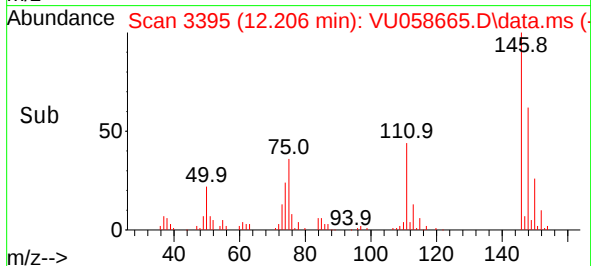
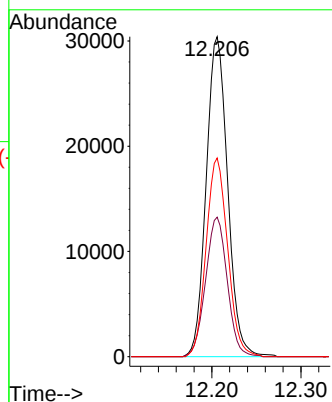
Tgt Ion:146 Resp: 50878

Ion Ratio Lower Upper

146 100

111 43.6 35.0 52.4

148 62.1 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.795 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU058665.D

Acq: 12 Apr 2024 19:45

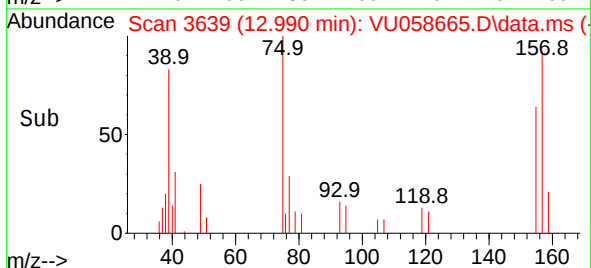
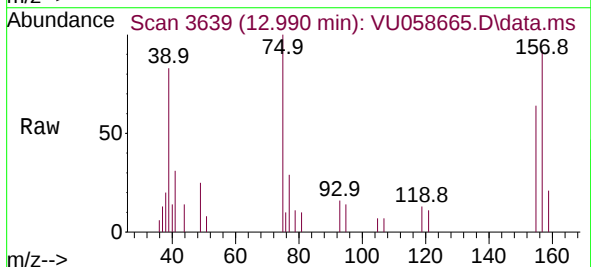
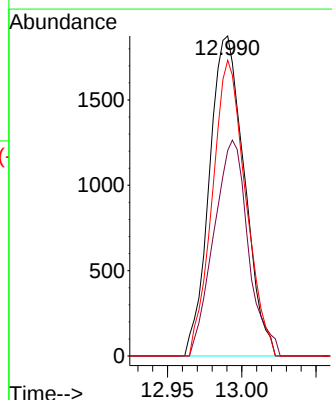
Tgt Ion: 75 Resp: 3071

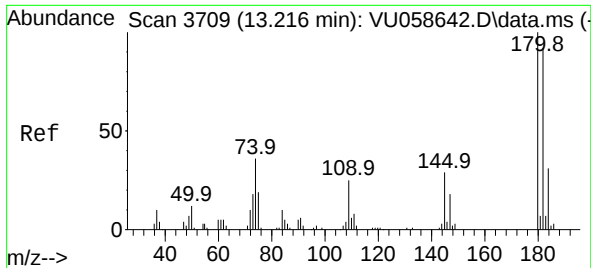
Ion Ratio Lower Upper

75 100

155 64.2 61.4 92.0

157 92.4 81.7 122.5





#69

1,3,5-Trichlorobenzene

Concen: 3.973 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.003 min

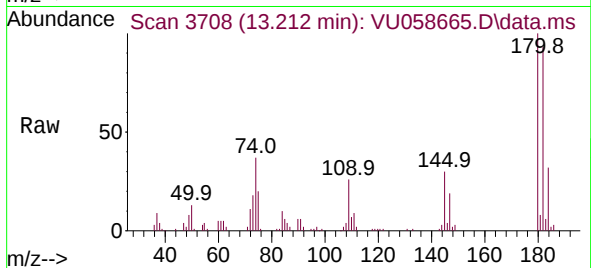
Lab File: VU058665.D

Acq: 12 Apr 2024 19:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 38674

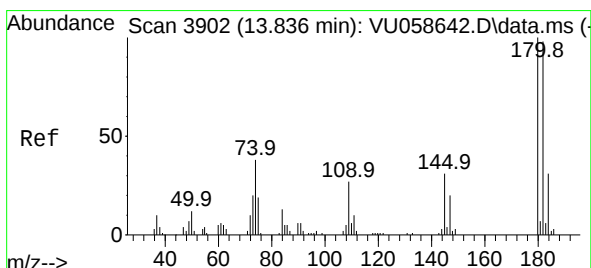
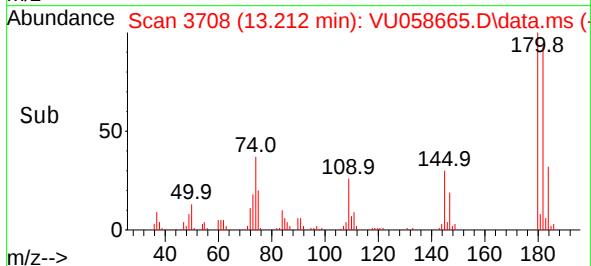
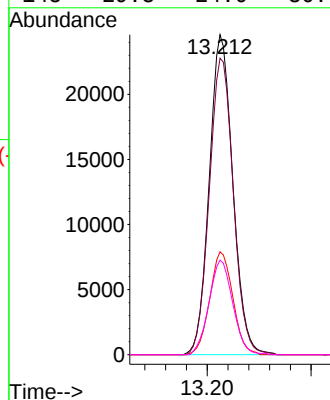
Ion Ratio Lower Upper

180 100

182 94.4 75.7 113.5

184 31.5 24.3 36.5

145 29.8 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 3.602 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU058665.D

Acq: 12 Apr 2024 19:45

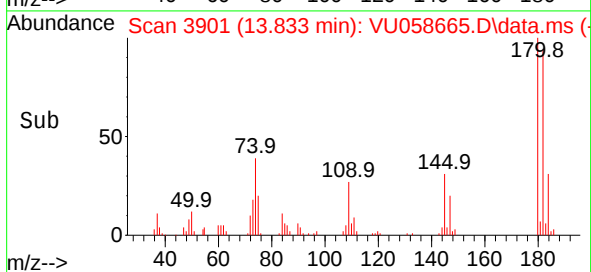
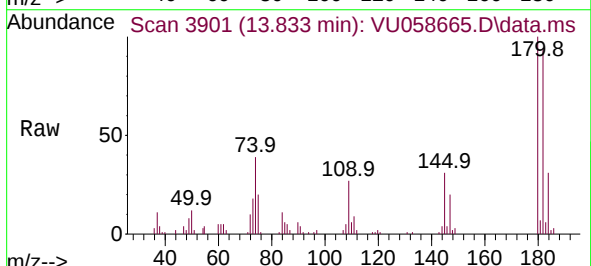
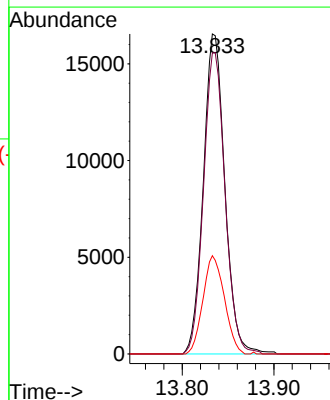
Tgt Ion:180 Resp: 27031

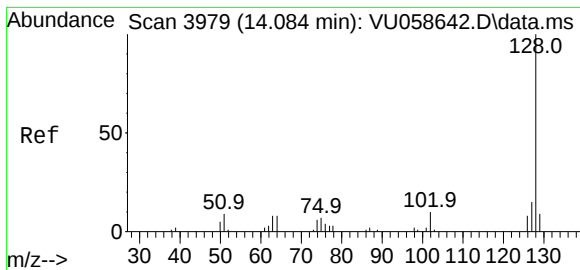
Ion Ratio Lower Upper

180 100

182 94.0 74.4 111.6

145 30.5 24.1 36.1

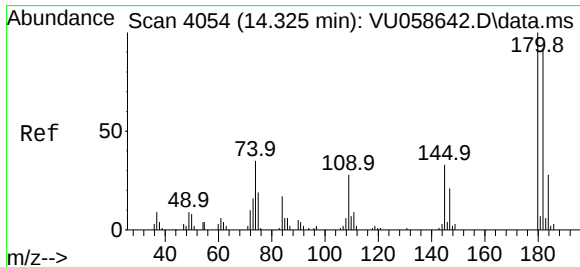
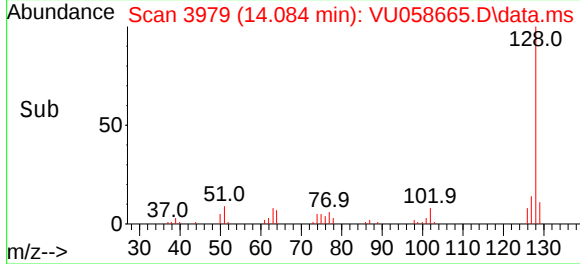
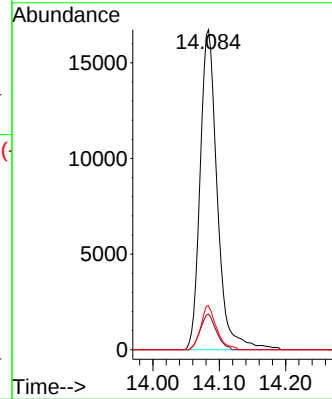
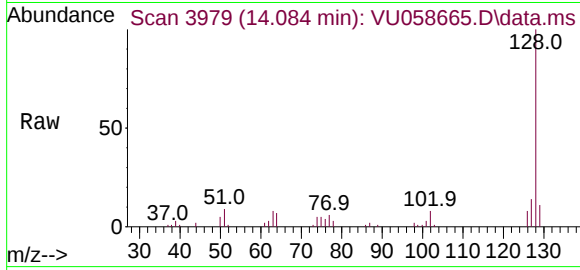




#71
Naphthalene
Concen: 2.921 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	128	Resp:	30038
Ion Ratio	Lower	Upper	
128	100		
129	10.4	8.6	13.0
127	12.6	11.0	16.6



#72
1,2,3-Trichlorobenzene
Concen: 3.598 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU058665.D
Acq: 12 Apr 2024 19:45

Tgt Ion:	180	Resp:	22303
Ion Ratio	Lower	Upper	
180	100		
182	94.4	75.9	113.9
145	32.5	25.2	37.8

