

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041224\
 Data File : VU058668.D
 Acq On : 12 Apr 2024 20:56
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 00:09:58 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	6.242	114	73620	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	70786	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34924	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19468	3.994	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.904	69	19662	4.642	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.557	65	9984	4.526	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.621	46	52381	50.996	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.000%
24) Chloroform-d	5.052	84	49643	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.692	65	22742	5.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.718	84	90880	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.682	67	29367	4.914	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.891	98	79746	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.177	79	8785	4.735	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.627	63	29040	37.952	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.900%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19951	4.729	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	25663	4.363	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	24667	4.020	ug/L	100
3) Chloromethane	1.515	50	31150	4.148	ug/L	97
5) Vinyl chloride	1.599	62	32640	4.352	ug/L	100
6) Bromomethane	1.853	94	14575	4.108	ug/L	99
8) Chloroethane	1.927	64	23055	4.866	ug/L	99
9) Trichlorofluoromethane	2.132	101	44249	4.468	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	26653	4.529	ug/L	96
12) 1,1-Dichloroethene	2.573	96	22861	4.382	ug/L	93
13) Acetone	2.628	43	36551	41.692	ug/L	100
14) Carbon disulfide	2.785	76	69127	4.171	ug/L	98
15) Methyl Acetate	2.943	43	21703	10.492	ug/L	97
16) Methylene chloride	3.036	84	33557	4.846	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	54951	4.459	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	25090	4.588	ug/L	94
19) 1,1-Dichloroethane	3.859	63	58285	4.883	ug/L	98
21) 2-Butanone	4.698	43	58014	44.273	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	28986	4.720	ug/L	99
23) Bromochloromethane	4.968	128	10933	4.519	ug/L	95
25) Chloroform	5.078	83	56685	4.907	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041224\
 Data File : VU058668.D
 Acq On : 12 Apr 2024 20:56
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 00:09:58 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

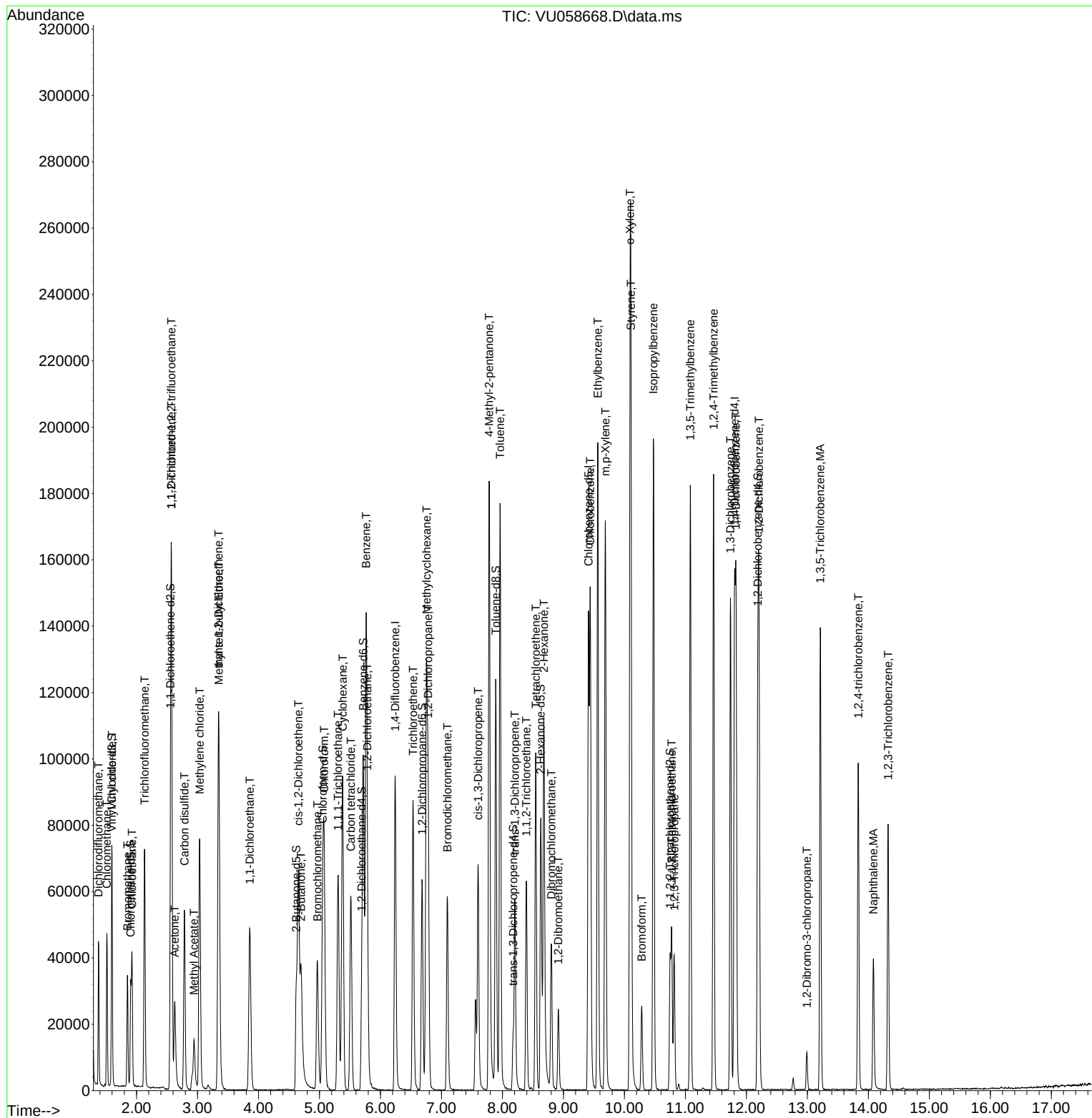
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	35587	5.059	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	45373	4.781	ug/L	97
30) Cyclohexane	5.380	56	43613	4.351	ug/L	99
31) Carbon tetrachloride	5.515	117	37769	4.699	ug/L	98
33) Benzene	5.766	78	121009	4.716	ug/L	100
34) Trichloroethene	6.534	95	29178	4.511	ug/L	98
35) Methylcyclohexane	6.756	83	41963	4.306	ug/L	97
37) 1,2-Dichloropropane	6.782	63	33654	4.985	ug/L	98
38) Bromodichloromethane	7.097	83	37263	4.836	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	39906	4.649	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	132263	41.623	ug/L	99
42) Toluene	7.962	91	123875	4.603	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	31604	4.668	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	18724	4.749	ug/L	98
47) Tetrachloroethene	8.547	164	20649	4.355	ug/L	98
48) 2-Hexanone	8.679	43	80302	35.597	ug/L	96
49) Dibromochloromethane	8.801	129	21678	4.756	ug/L	99
50) 1,2-Dibromoethane	8.917	107	16507	4.578	ug/L	99
51) Chlorobenzene	9.441	112	74997	4.605	ug/L	99
52) Ethylbenzene	9.563	91	130935	4.592	ug/L	100
53) m,p-Xylene	9.688	106	47132	4.616	ug/L	97
54) o-Xylene	10.094	106	47171	4.712	ug/L	98
55) Styrene	10.110	104	76491	4.750	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	22824	4.693	ug/L	98
59) Bromoform	10.283	173	11319	4.851	ug/L	100
60) Isopropylbenzene	10.476	105	120913	4.729	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	16817	4.719	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	95574	4.584	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	98397	4.622	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	57208	4.606	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	54809	4.530	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	51232	4.535	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	2879	4.764	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	39160	4.264	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	27881	3.937	ug/L	97
71) Naphthalene	14.084	128	33302	3.432	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	23418	4.004	ug/L	99

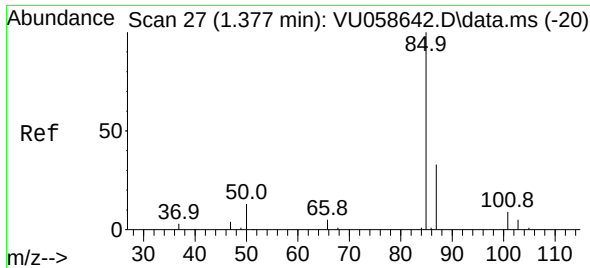
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041224\
Data File : VU058668.D
Acq On : 12 Apr 2024 20:56
Operator : MD/SY
Sample : VSTDC0005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 13 00:09:58 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

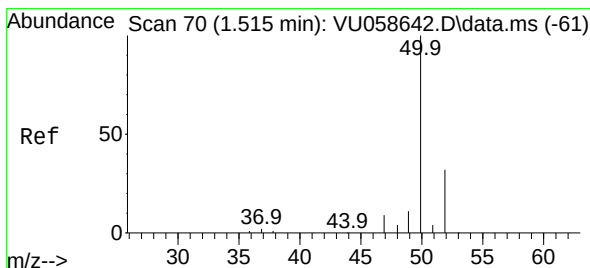
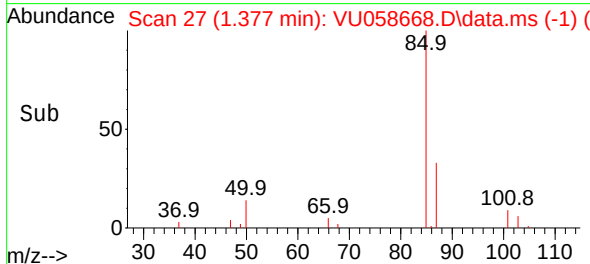
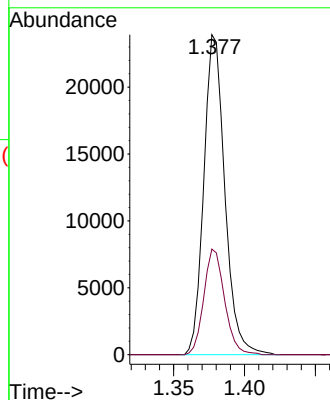
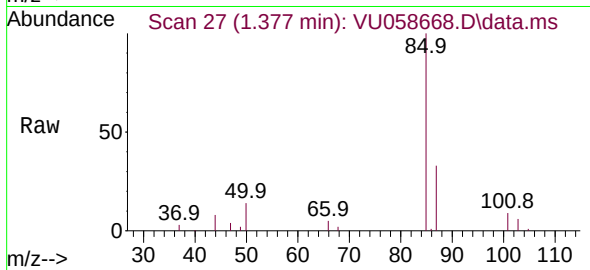




#2
Dichlorodifluoromethane
Concen: 4.020 ug/L
RT: 1.377 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

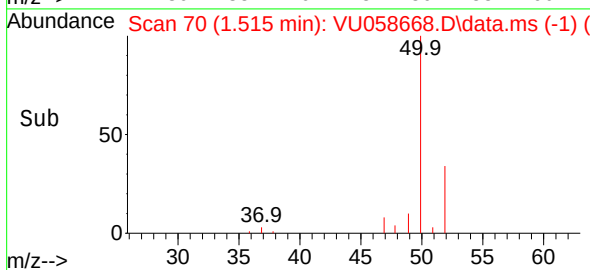
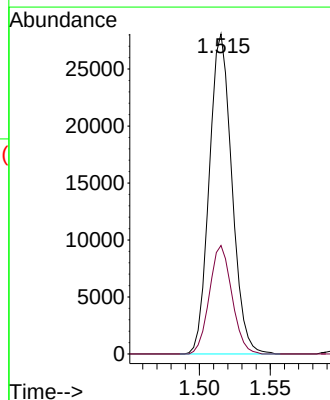
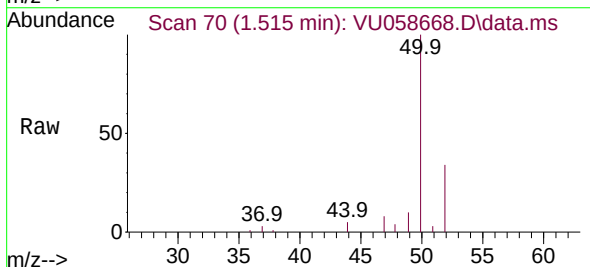
Instrument :
MSVOA_U
ClientSampleId :

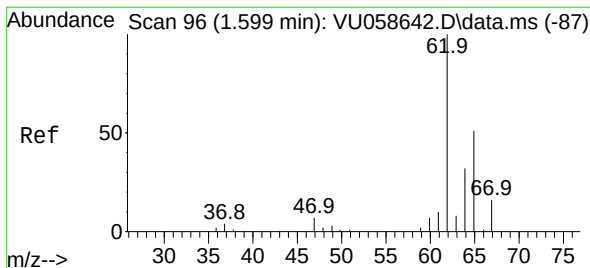
Tgt Ion: 85 Resp: 24667
Ion Ratio Lower Upper
85 100
87 32.5 25.9 38.9



#3
Chloromethane
Concen: 4.148 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

Tgt Ion: 50 Resp: 31150
Ion Ratio Lower Upper
50 100
52 33.9 22.6 42.0





#5

Vinyl chloride

Concen: 4.352 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

Instrument :

MSVOA_U

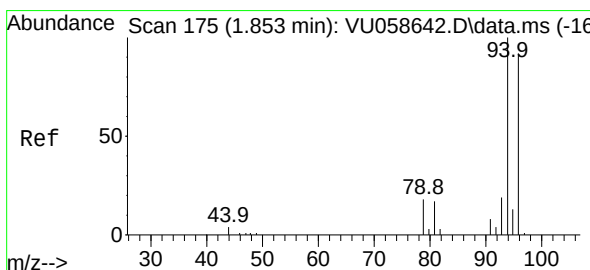
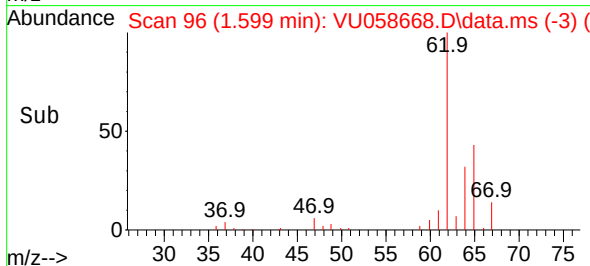
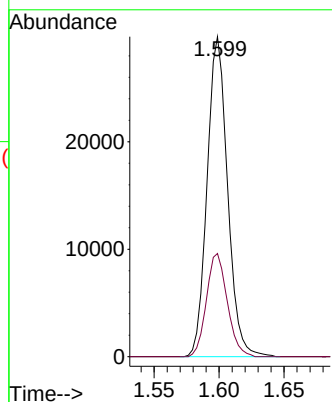
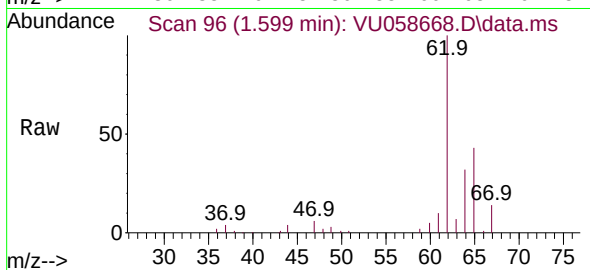
ClientSampleId :

Tgt Ion: 62 Resp: 32640

Ion Ratio Lower Upper

62 100

64 32.2 22.6 42.0



#6

Bromomethane

Concen: 4.108 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU058668.D

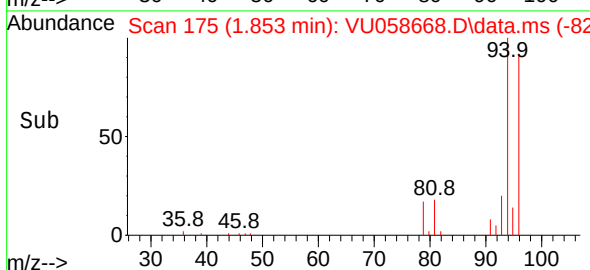
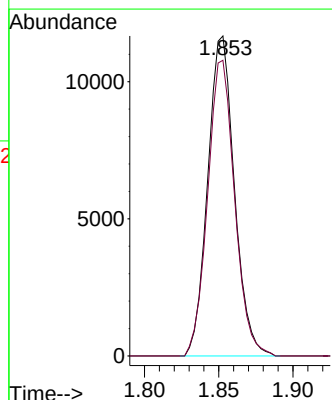
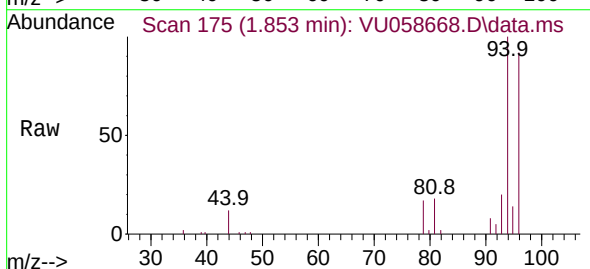
Acq: 12 Apr 2024 20:56

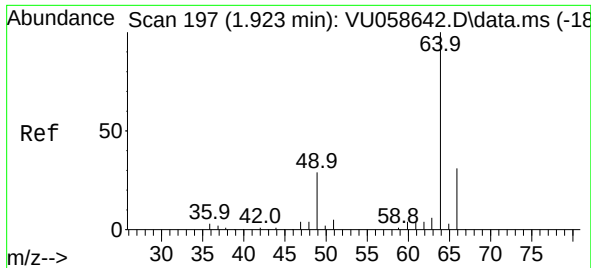
Tgt Ion: 94 Resp: 14575

Ion Ratio Lower Upper

94 100

96 92.4 65.4 121.4

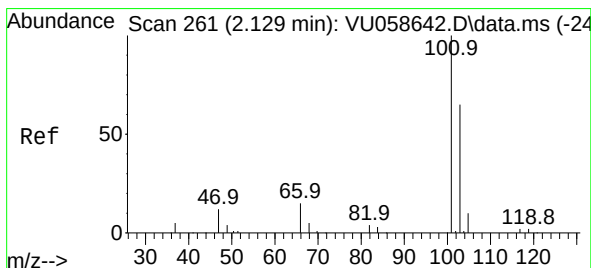
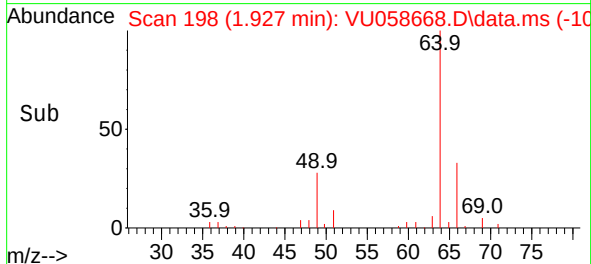
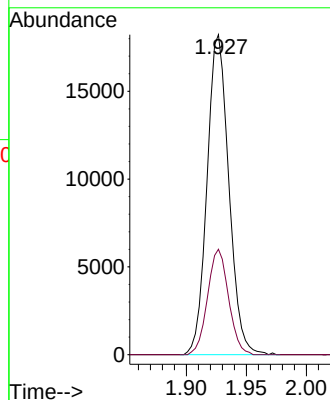
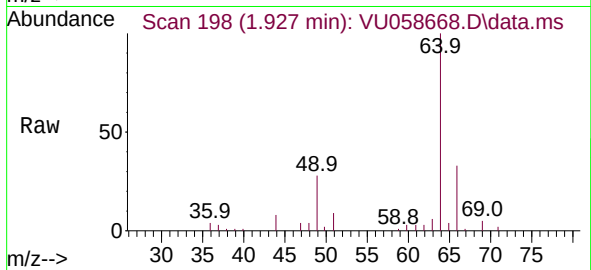




#8
Chloroethane
Concen: 4.866 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

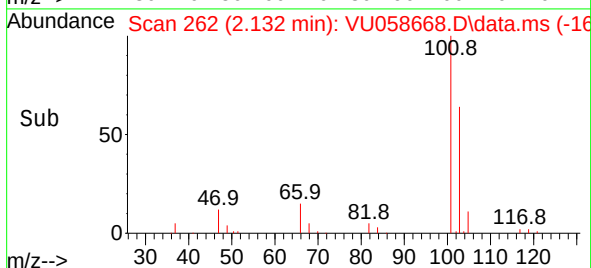
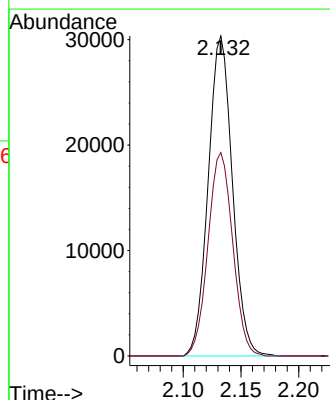
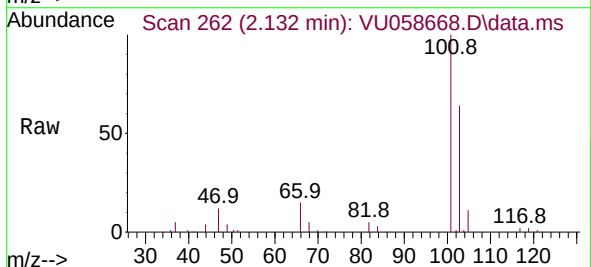
Instrument :
MSVOA_U
ClientSampleId :

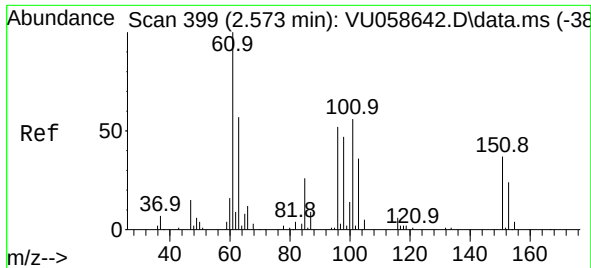
Tgt Ion: 64 Resp: 23055
Ion Ratio Lower Upper
64 100
66 33.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.468 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

Tgt Ion:101 Resp: 44249
Ion Ratio Lower Upper
101 100
103 64.8 51.2 76.8

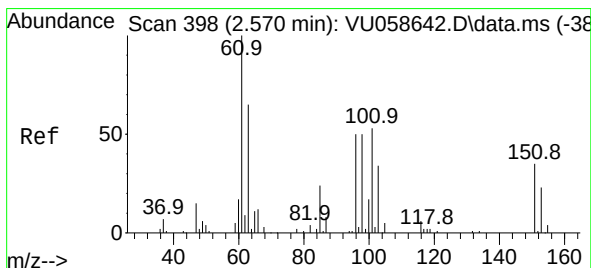
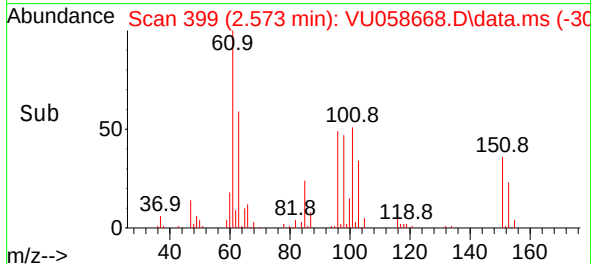
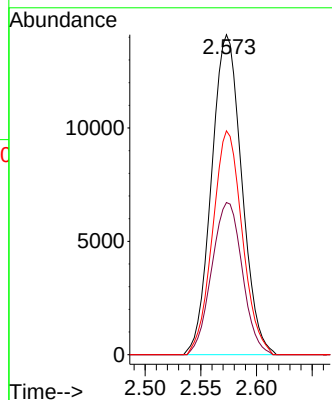
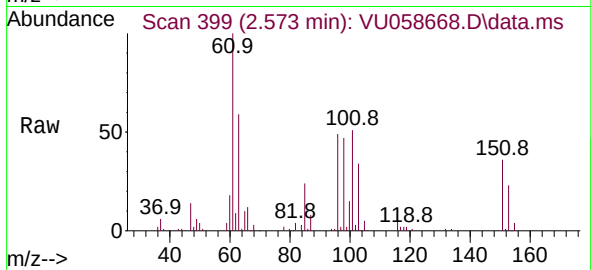




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.529 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

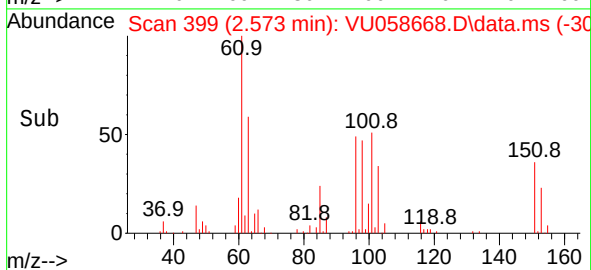
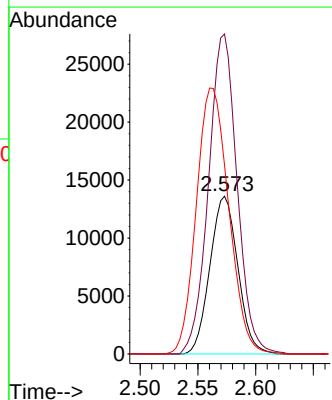
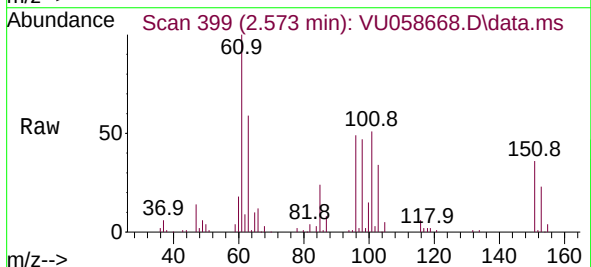
Instrument :
MSVOA_U
ClientSampleId :

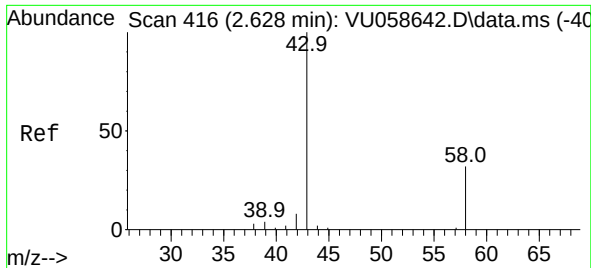
Tgt Ion:101 Resp: 26653
Ion Ratio Lower Upper
101 100
85 48.0 36.8 55.2
151 68.8 58.2 87.4



#12
1,1-Dichloroethene
Concen: 4.382 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

Tgt Ion: 96 Resp: 22861
Ion Ratio Lower Upper
96 100
61 202.7 132.5 246.1
63 119.7 87.7 162.9





#13

Acetone

Concen: 41.692 ug/L

RT: 2.628 min Scan# 416

Delta R.T. 0.000 min

Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

Instrument :

MSVOA_U

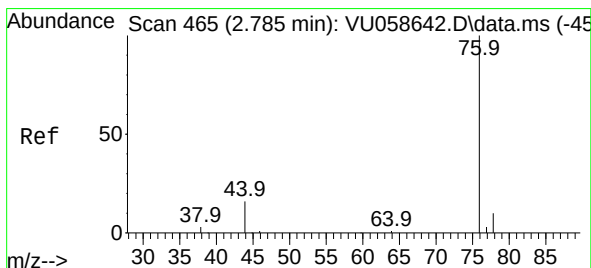
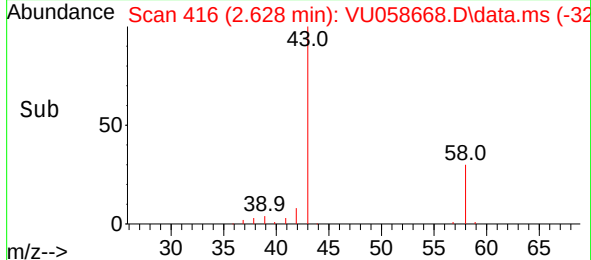
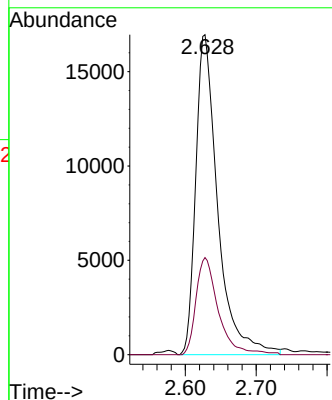
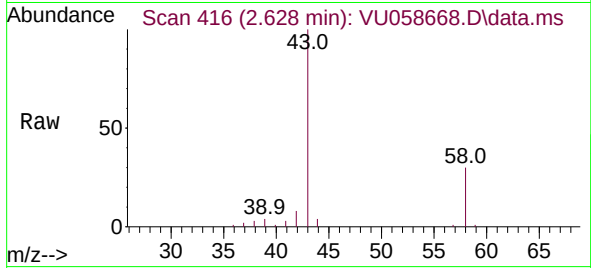
ClientSampleId :

Tgt Ion: 43 Resp: 36551

Ion Ratio Lower Upper

43 100

58 30.7 0.0 61.4



#14

Carbon disulfide

Concen: 4.171 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU058668.D

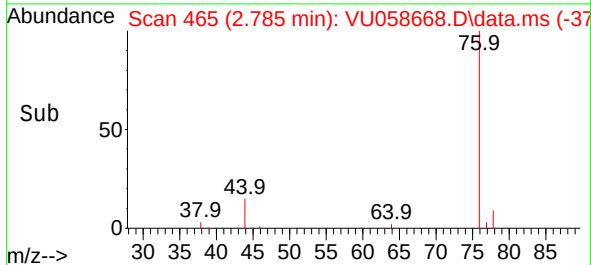
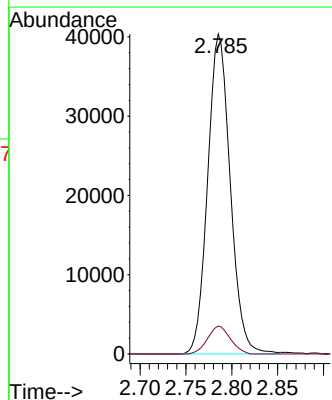
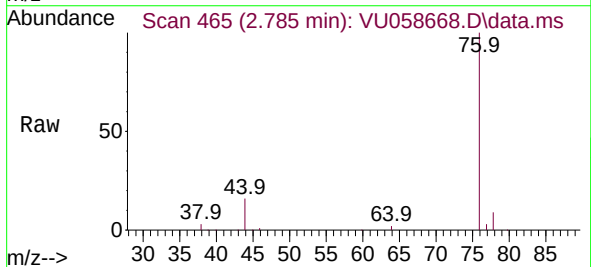
Acq: 12 Apr 2024 20:56

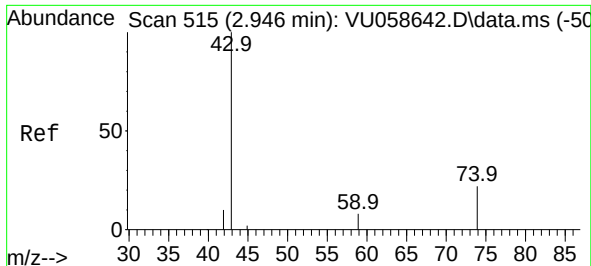
Tgt Ion: 76 Resp: 69127

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3





#15

Methyl Acetate

Concen: 10.492 ug/L

RT: 2.943 min Scan# 51

Delta R.T. -0.003 min

Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

Instrument :

MSVOA_U

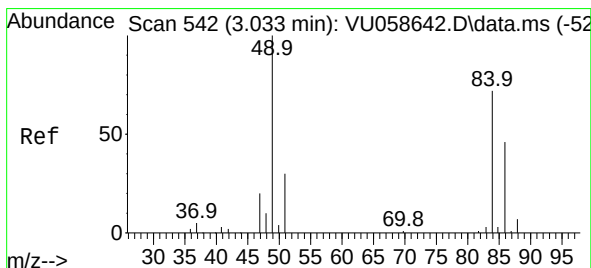
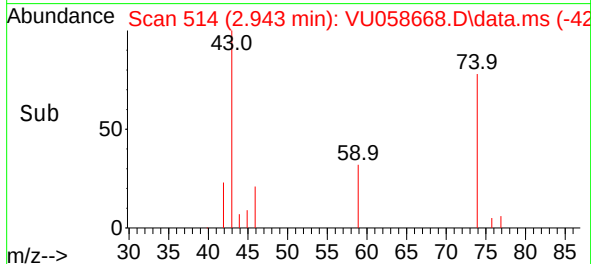
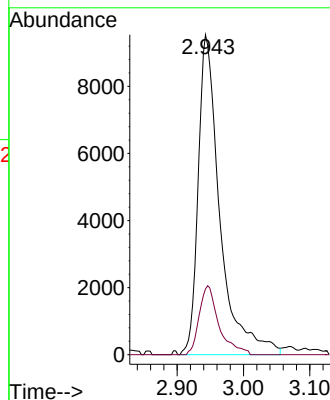
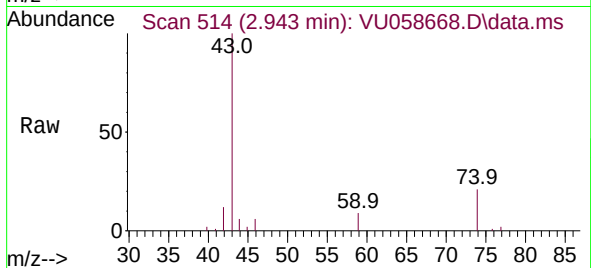
ClientSampleId :

Tgt Ion: 43 Resp: 21703

Ion Ratio Lower Upper

43 100

74 19.6 16.6 25.0



#16

Methylene chloride

Concen: 4.846 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.003 min

Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

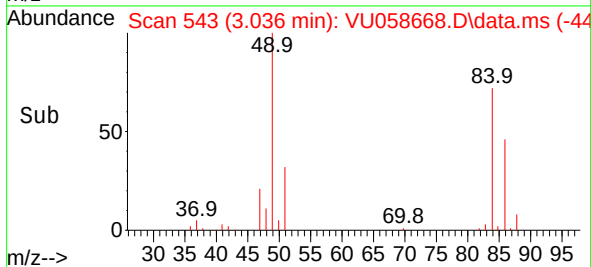
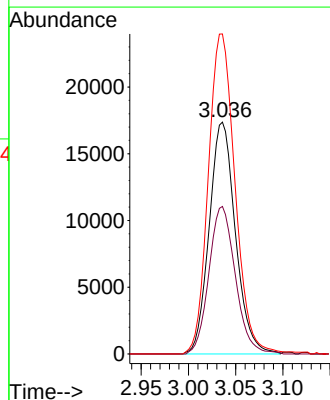
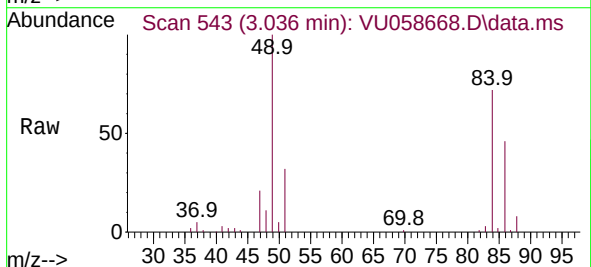
Tgt Ion: 84 Resp: 33557

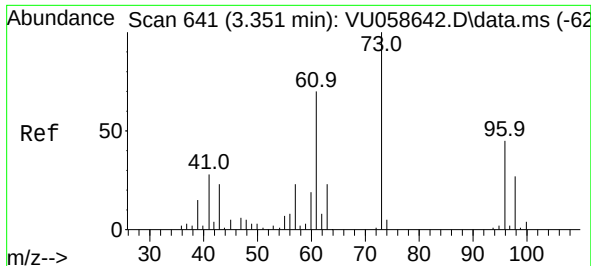
Ion Ratio Lower Upper

84 100

86 63.6 44.3 82.3

49 138.0 96.0 178.2

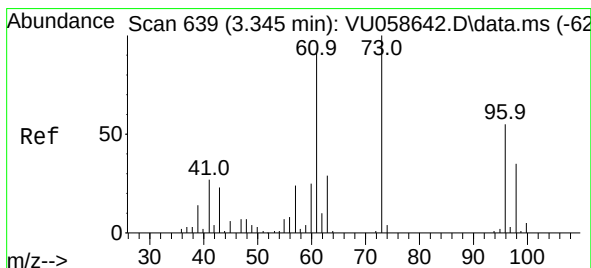
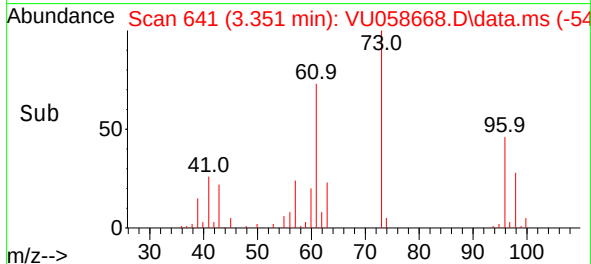
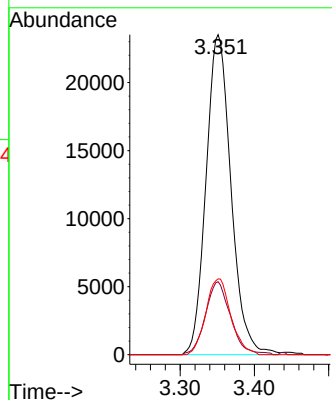
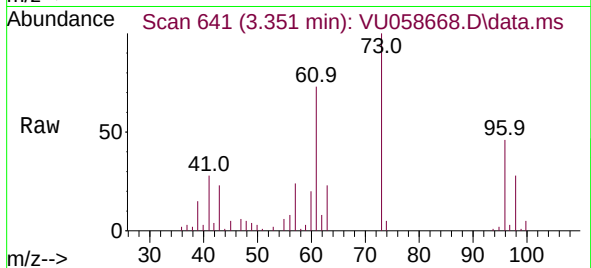




#17
Methyl tert-butyl Ether
Concen: 4.459 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

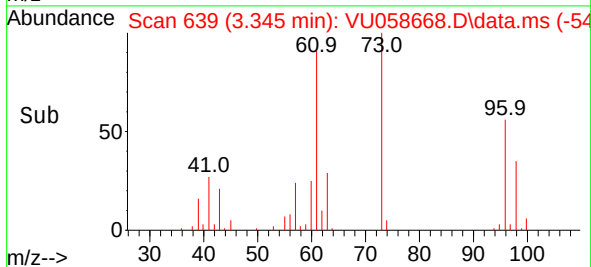
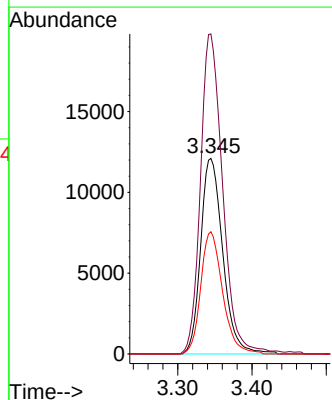
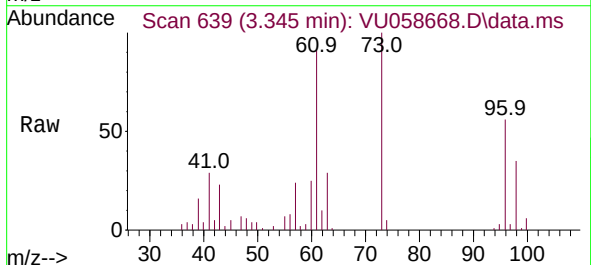
Instrument :
MSVOA_U
ClientSampleId :

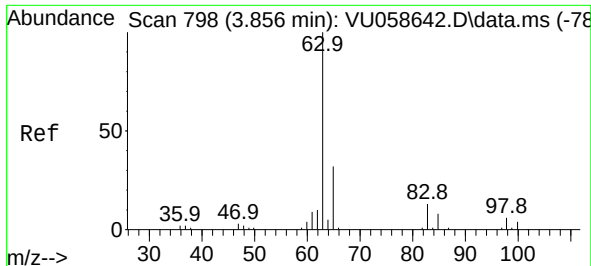
Tgt Ion: 73 Resp: 54951
Ion Ratio Lower Upper
73 100
43 23.0 17.4 26.2
57 23.6 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 4.588 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

Tgt Ion: 96 Resp: 25090
Ion Ratio Lower Upper
96 100
61 163.7 107.6 199.8
98 62.5 45.1 83.7

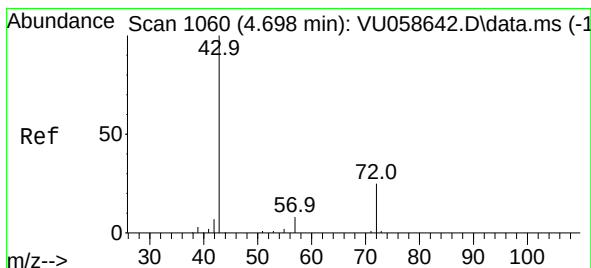
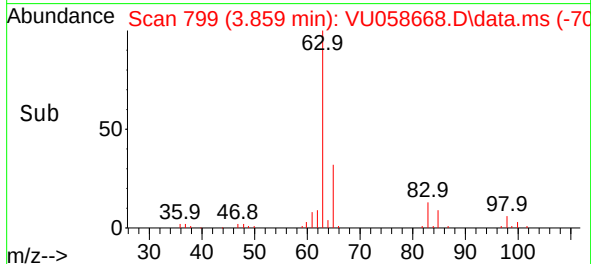
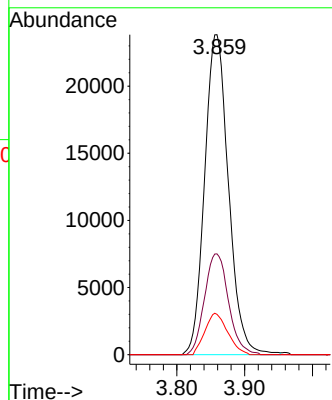
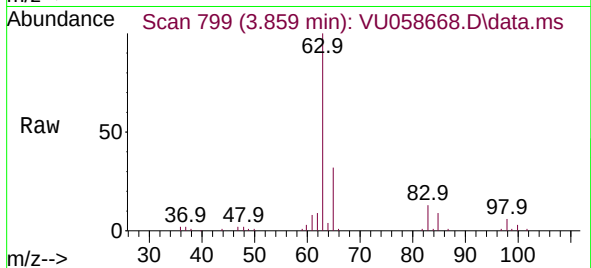




#19
1,1-Dichloroethane
Concen: 4.883 ug/L
RT: 3.859 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

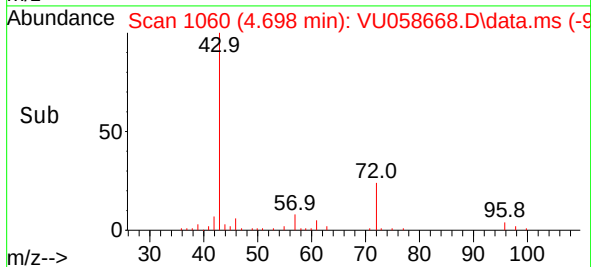
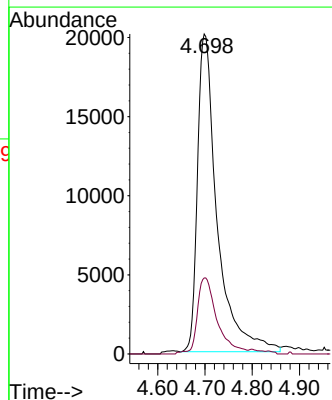
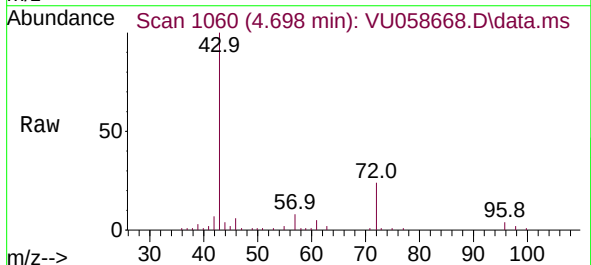
Instrument :
MSVOA_U
ClientSampleId :

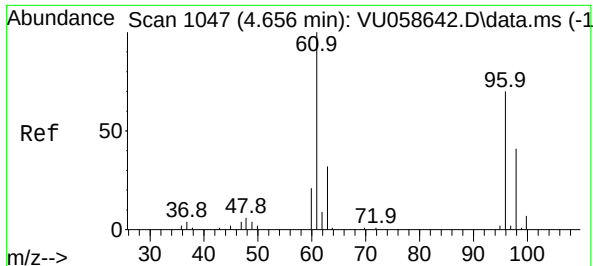
Tgt Ion: 63 Resp: 58285
Ion Ratio Lower Upper
63 100
65 31.5 22.9 42.5
83 12.6 9.6 17.8



#21
2-Butanone
Concen: 44.273 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

Tgt Ion: 43 Resp: 58014
Ion Ratio Lower Upper
43 100
72 24.1 11.7 35.0





#22

cis-1,2-Dichloroethene

Concen: 4.720 ug/L

RT: 4.657 min Scan# 1

Delta R.T. 0.000 min

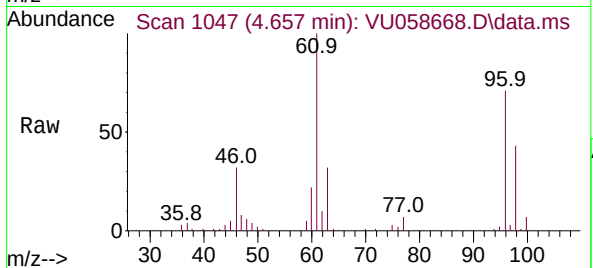
Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

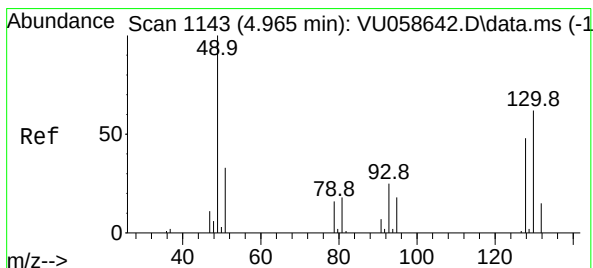
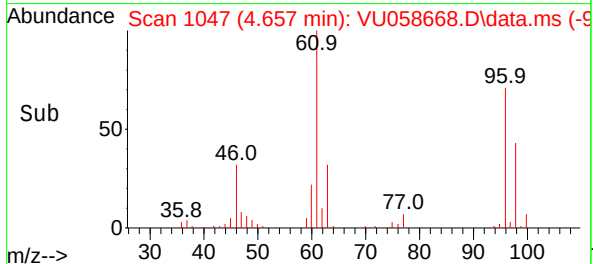
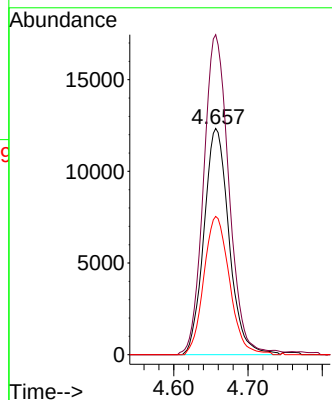
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	28986
Ion	Ratio	Lower	Upper
96	100		
61	141.4	98.1	182.3
98	61.1	43.6	81.0



#23

Bromochloromethane

Concen: 4.519 ug/L

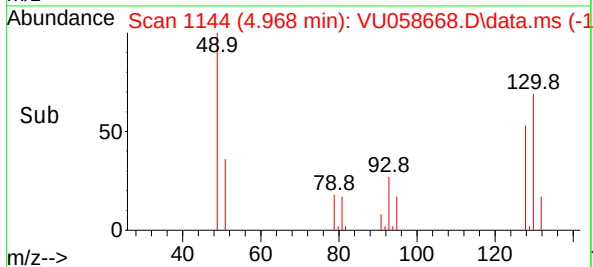
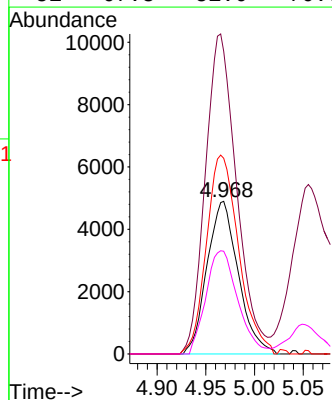
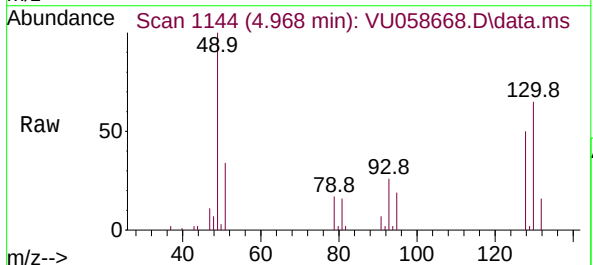
RT: 4.968 min Scan# 1144

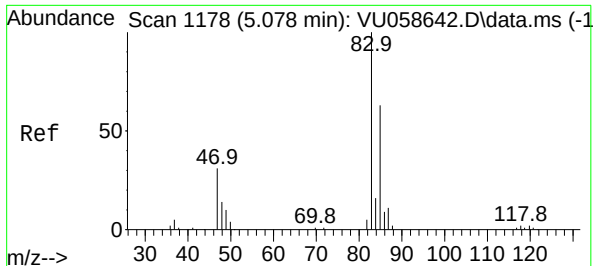
Delta R.T. 0.003 min

Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

Tgt Ion:	128	Resp:	10933
Ion	Ratio	Lower	Upper
128	100		
49	204.4	134.4	249.6
130	128.3	90.0	167.2
51	67.3	51.0	76.6





#25

Chloroform

Concen: 4.907 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

Instrument :

MSVOA_U

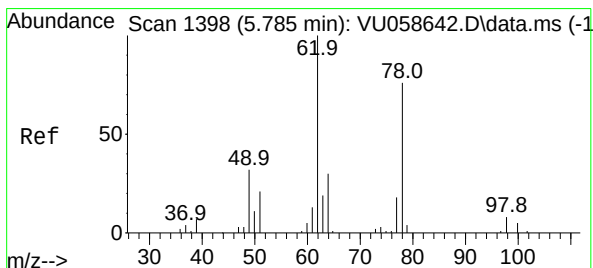
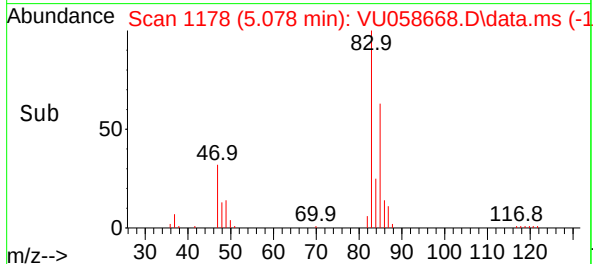
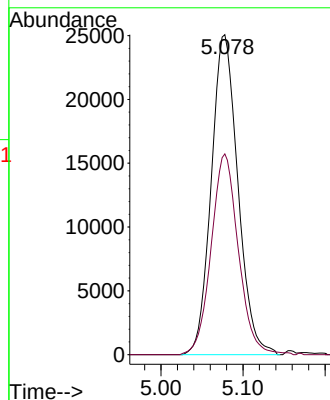
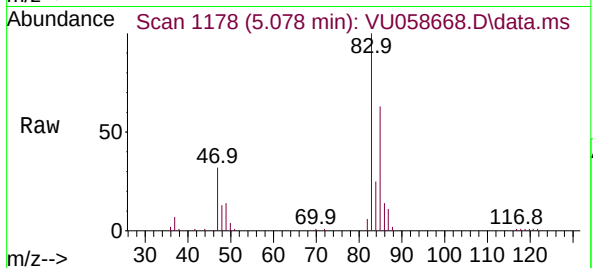
ClientSampleId :

Tgt Ion: 83 Resp: 56685

Ion Ratio Lower Upper

83 100

85 62.8 44.7 83.1



#27

1,2-Dichloroethane

Concen: 5.059 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU058668.D

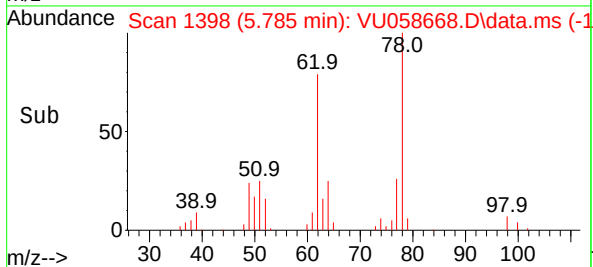
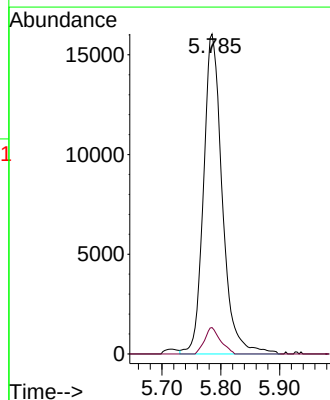
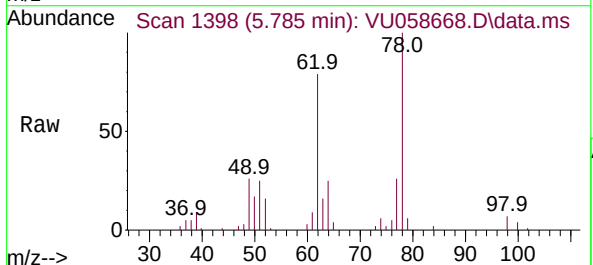
Acq: 12 Apr 2024 20:56

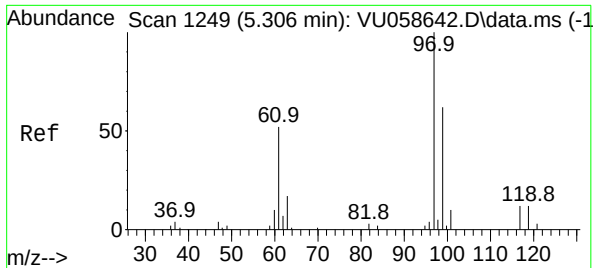
Tgt Ion: 62 Resp: 35587

Ion Ratio Lower Upper

62 100

98 8.2 7.0 10.4



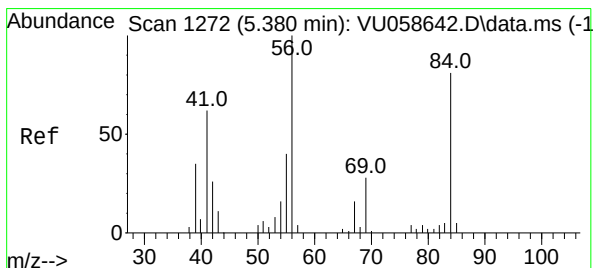
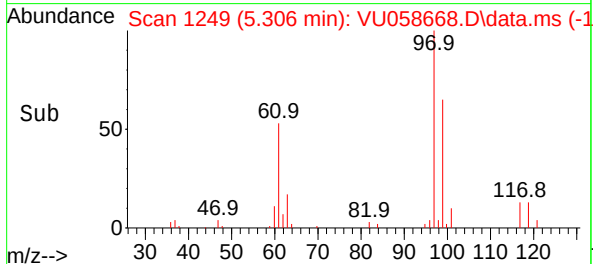
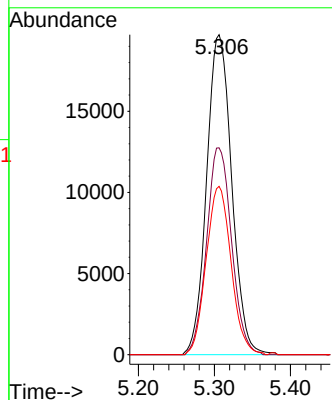
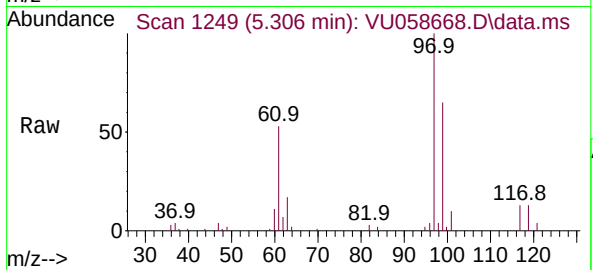


#29
1,1,1-Trichloroethane
Concen: 4.781 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 45373

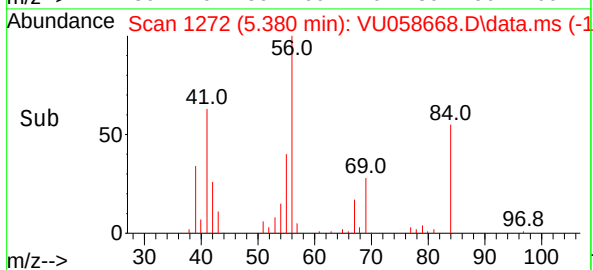
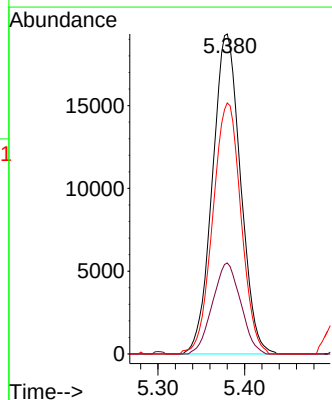
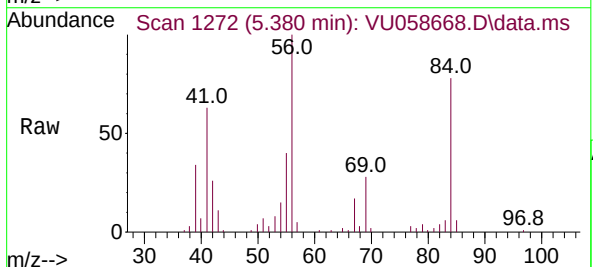
Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.4	75.6
61	52.2	39.4	59.0

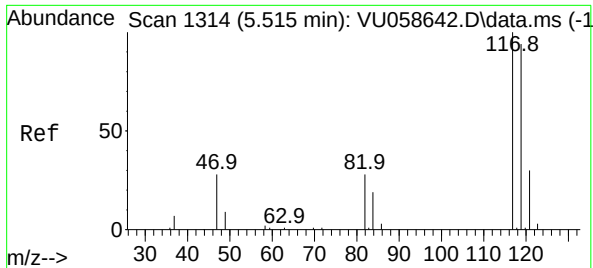


#30
Cyclohexane
Concen: 4.351 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

Tgt Ion: 56 Resp: 43613

Ion	Ratio	Lower	Upper
56	100		
69	28.4	23.2	34.8
84	78.6	63.3	94.9

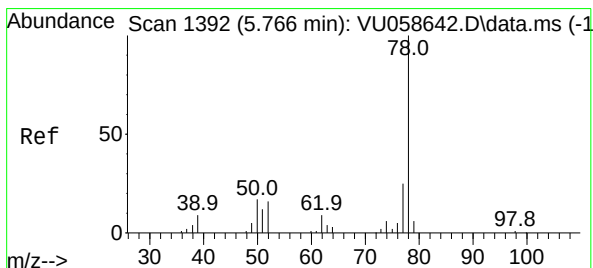
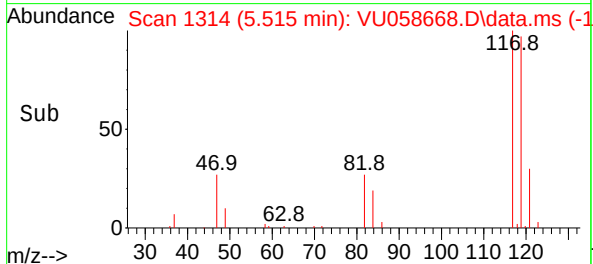
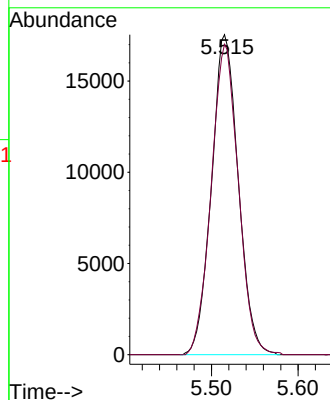
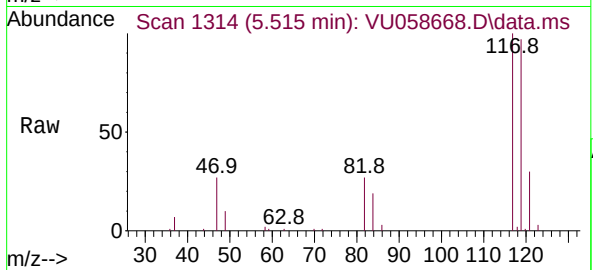




#31
Carbon tetrachloride
Concen: 4.699 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

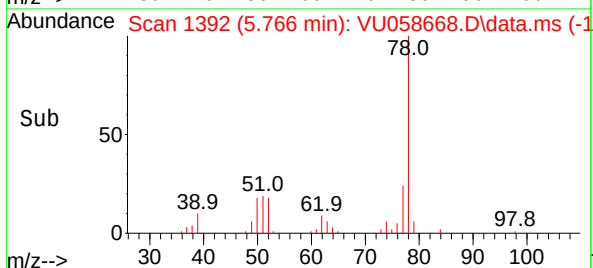
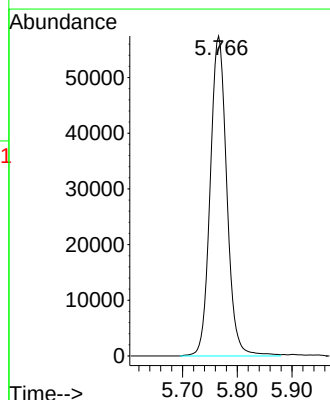
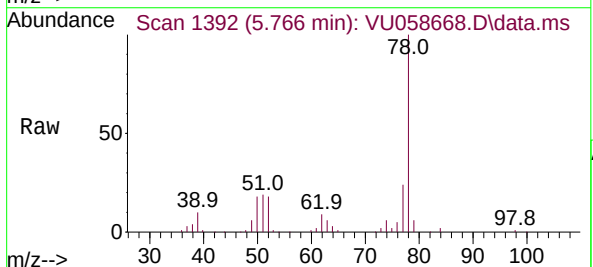
Instrument :
MSVOA_U
ClientSampleId :

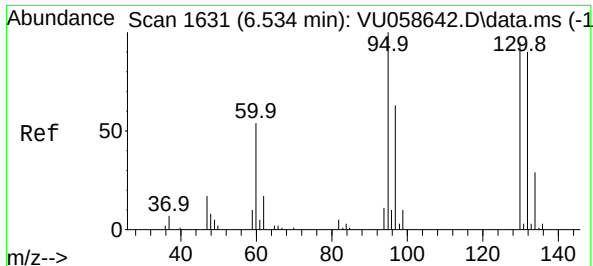
Tgt Ion:117 Resp: 37769
Ion Ratio Lower Upper
117 100
119 98.1 76.7 115.1



#33
Benzene
Concen: 4.716 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

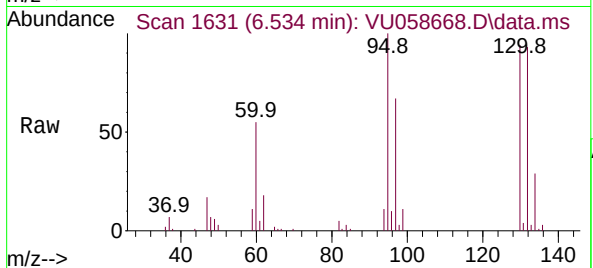
Tgt Ion: 78 Resp: 121009



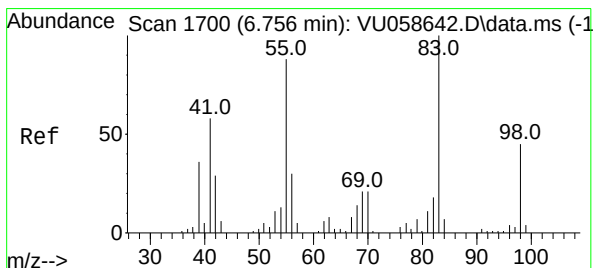
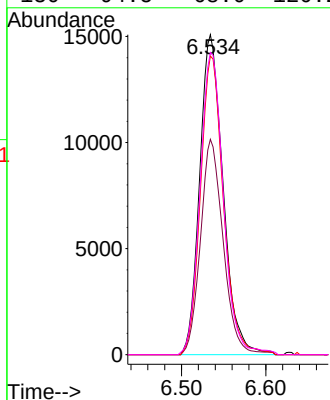
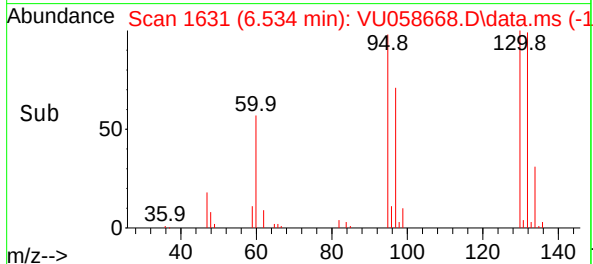


#34
Trichloroethene
Concen: 4.511 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

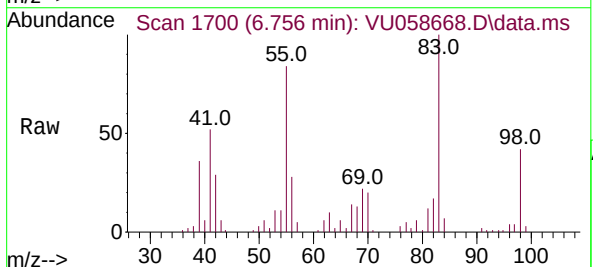
Instrument :
MSVOA_U
ClientSampleId :



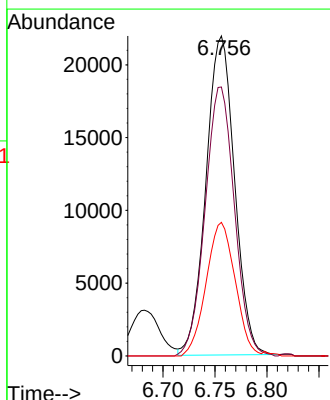
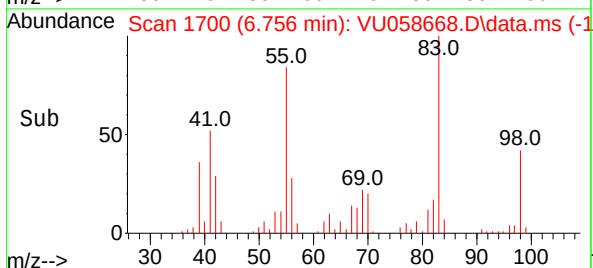
Tgt Ion: 95 Resp: 29178
Ion Ratio Lower Upper
95 100
97 67.3 45.6 84.6
132 93.4 64.8 120.3
130 94.5 68.0 126.2

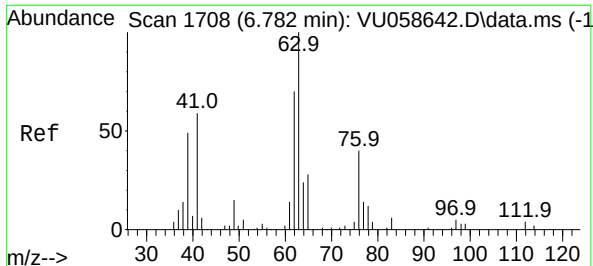


#35
Methylcyclohexane
Concen: 4.306 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56



Tgt Ion: 83 Resp: 41963
Ion Ratio Lower Upper
83 100
55 86.5 66.2 99.4
98 42.4 34.6 52.0

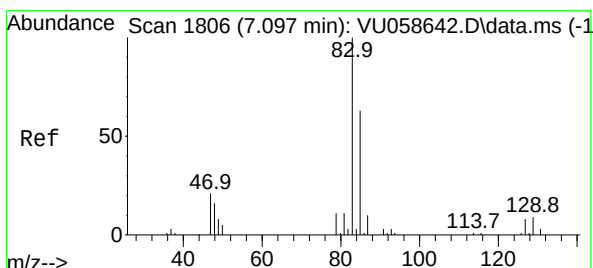
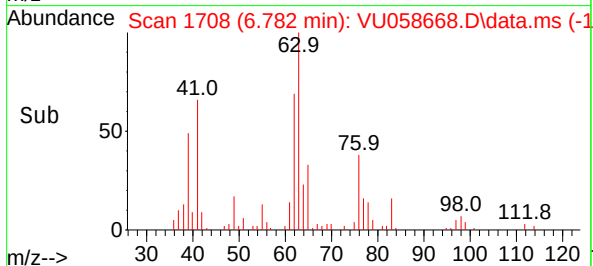
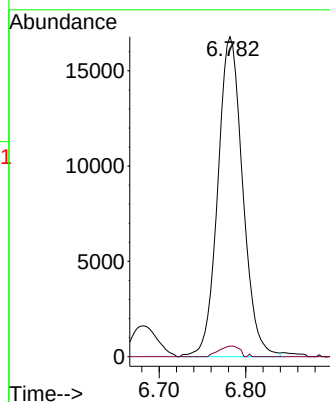
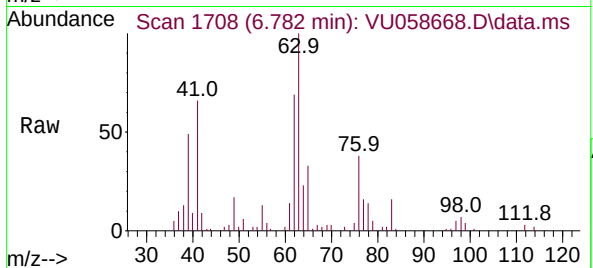




#37
1,2-Dichloropropane
Concen: 4.985 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

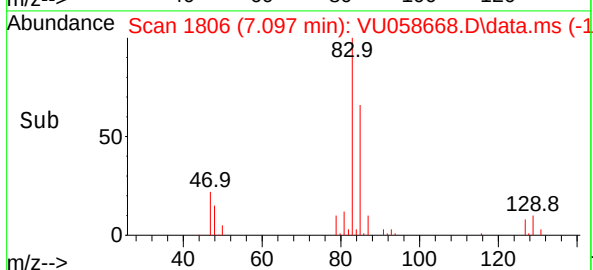
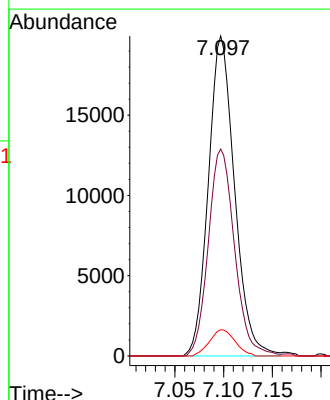
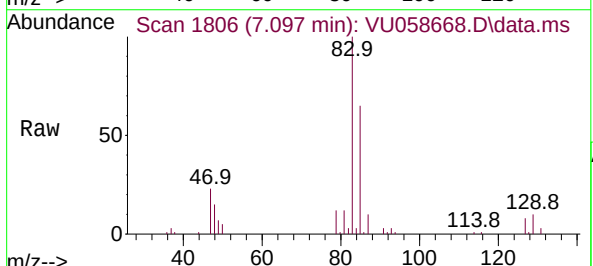
Instrument :
MSVOA_U
ClientSampleId :

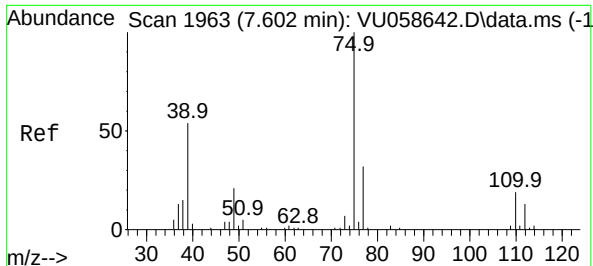
Tgt Ion: 63 Resp: 33654
Ion Ratio Lower Upper
63 100
112 2.7 2.6 4.0



#38
Bromodichloromethane
Concen: 4.836 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

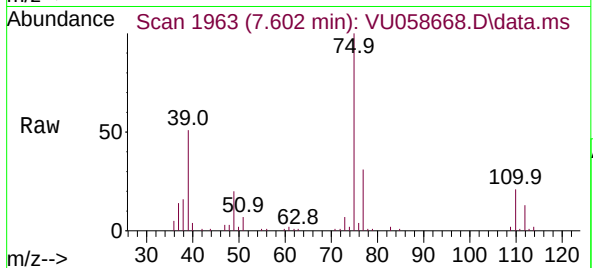
Tgt Ion: 83 Resp: 37263
Ion Ratio Lower Upper
83 100
85 64.7 44.2 82.2
127 8.2 6.5 9.7



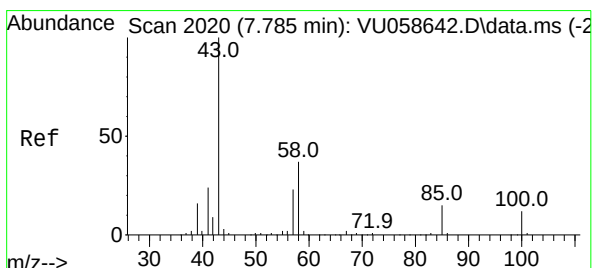
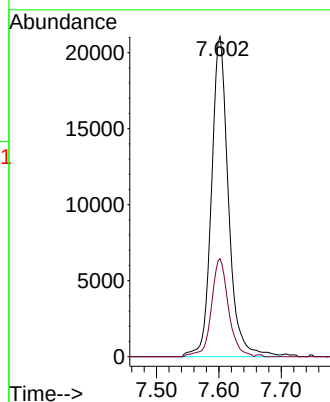
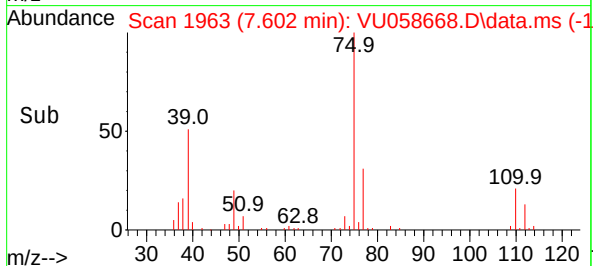


#39
 cis-1,3-Dichloropropene
 Concen: 4.649 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU058668.D
 Acq: 12 Apr 2024 20:56

Instrument :
 MSVOA_U
 ClientSampleId :

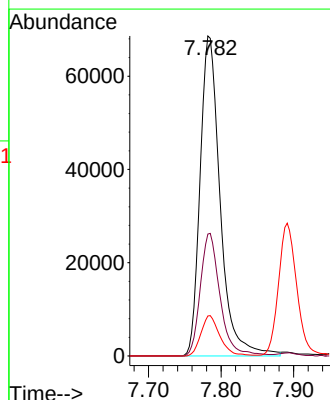
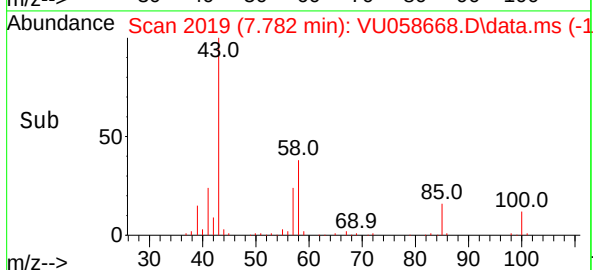
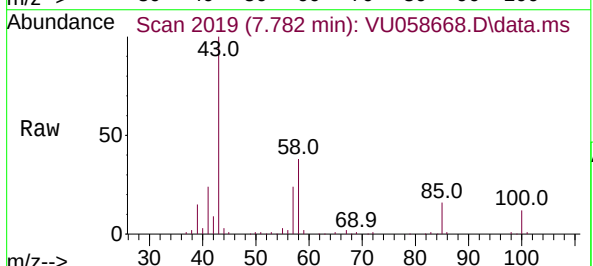


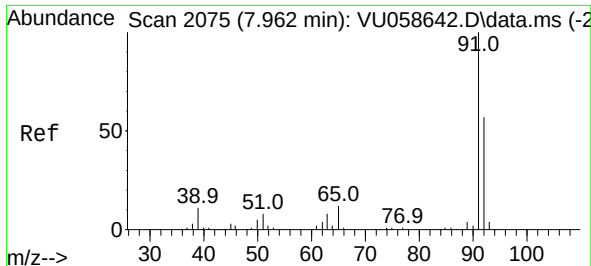
Tgt Ion: 75 Resp: 39906
 Ion Ratio Lower Upper
 75 100
 77 30.7 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 41.623 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU058668.D
 Acq: 12 Apr 2024 20:56

Tgt Ion: 43 Resp: 132263
 Ion Ratio Lower Upper
 43 100
 58 37.6 30.4 45.6
 100 12.0 10.3 15.5





#42

Toluene

Concen: 4.603 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

Instrument :

MSVOA_U

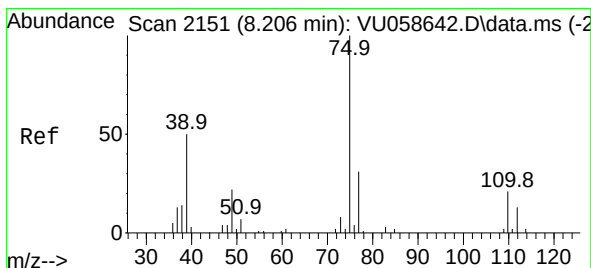
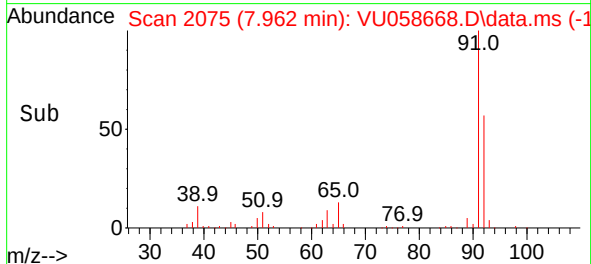
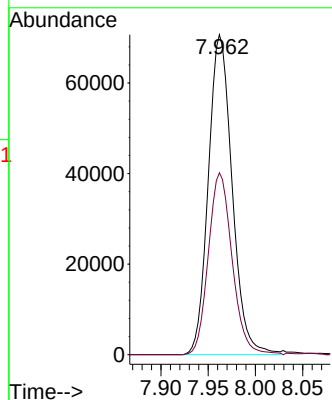
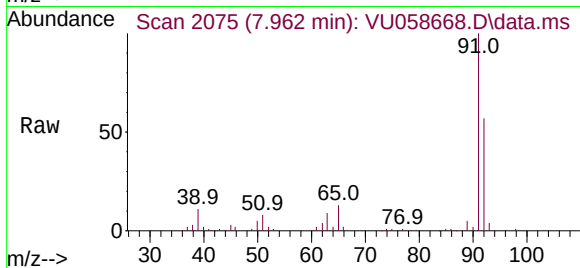
ClientSampleId :

Tgt Ion: 91 Resp: 123875

Ion Ratio Lower Upper

91 100

92 56.8 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 4.668 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU058668.D

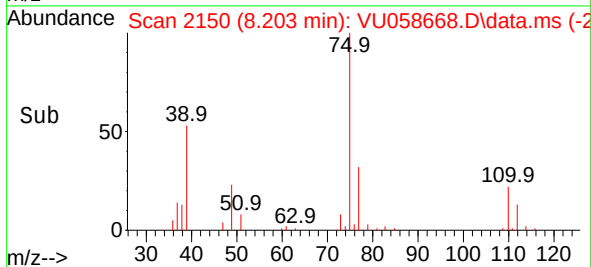
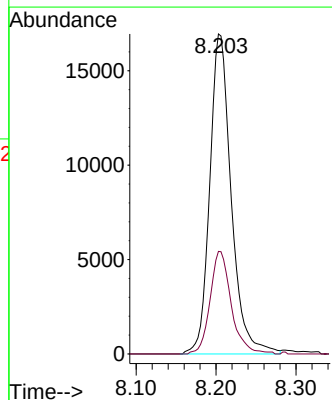
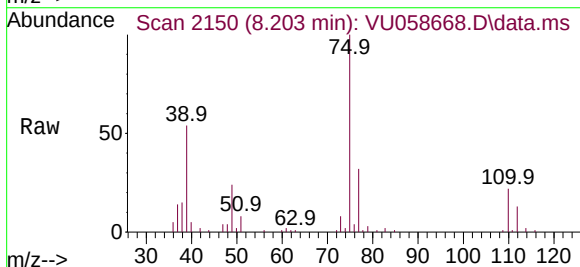
Acq: 12 Apr 2024 20:56

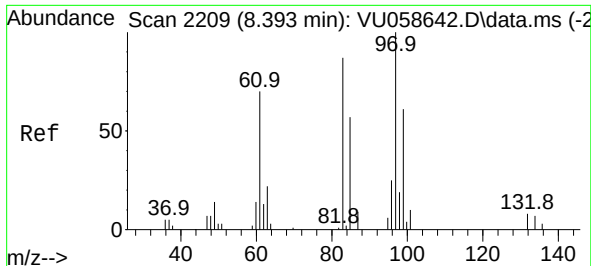
Tgt Ion: 75 Resp: 31604

Ion Ratio Lower Upper

75 100

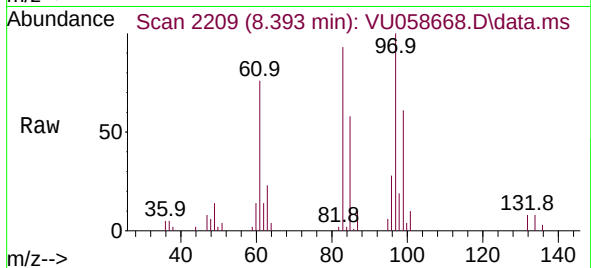
77 32.1 22.2 41.2



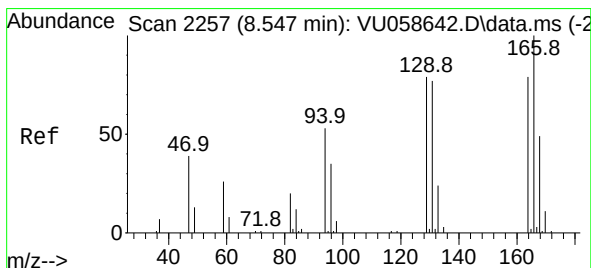
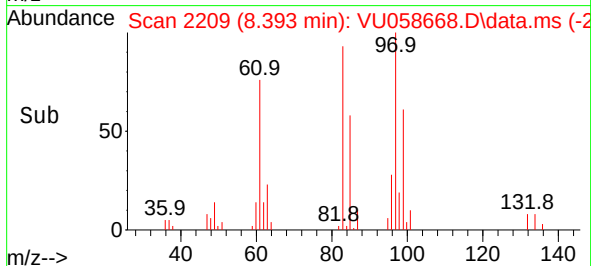
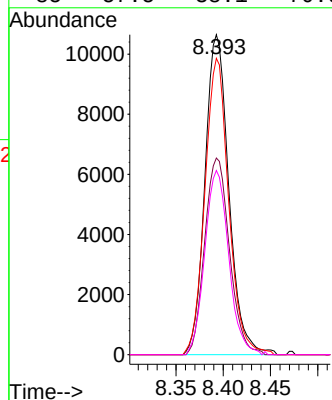


#45
1,1,2-Trichloroethane
Concen: 4.749 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

Instrument :
MSVOA_U
ClientSampleId :

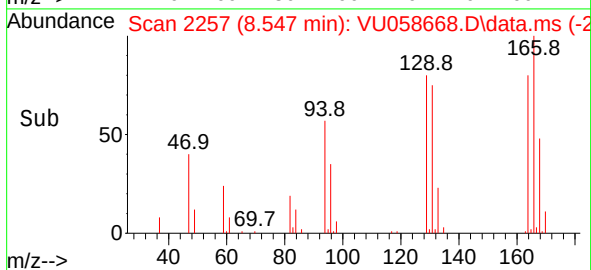
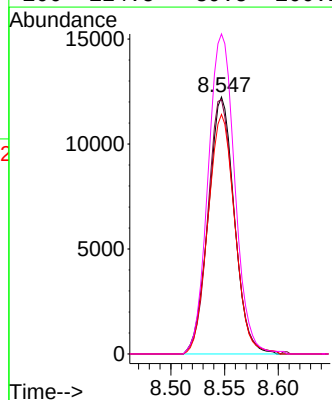
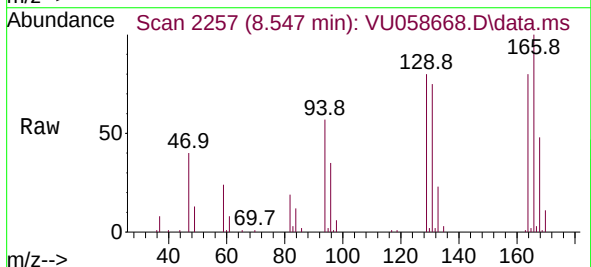


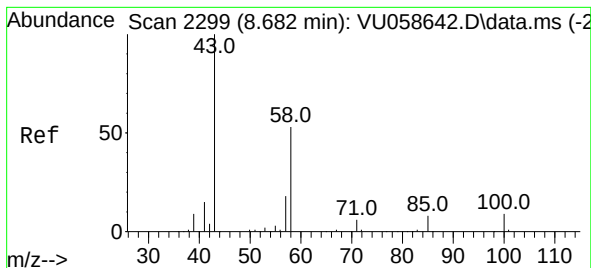
Tgt Ion:	97	Resp:	18724
Ion	Ratio	Lower	Upper
97	100		
99	61.5	43.7	81.1
83	92.6	64.5	119.7
85	57.5	38.1	70.9



#47
Tetrachloroethene
Concen: 4.355 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

Tgt Ion:	164	Resp:	20649
Ion	Ratio	Lower	Upper
164	100		
129	99.0	67.3	125.1
131	93.2	65.5	121.6
166	124.5	89.5	166.1





#48

2-Hexanone

Concen: 35.597 ug/L

RT: 8.679 min Scan# 21

Delta R.T. -0.003 min

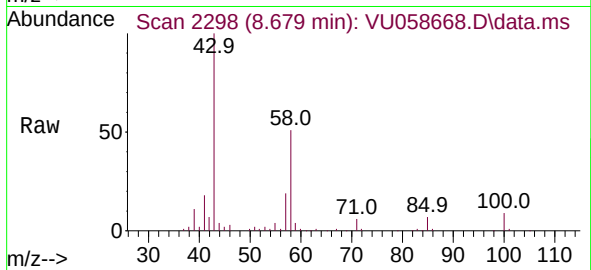
Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 80302

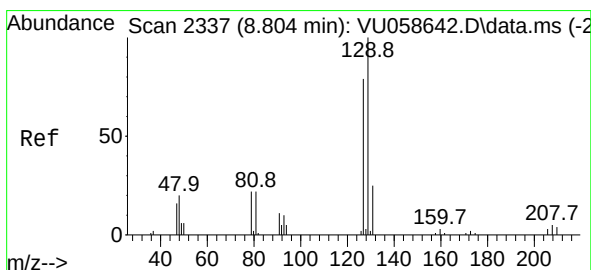
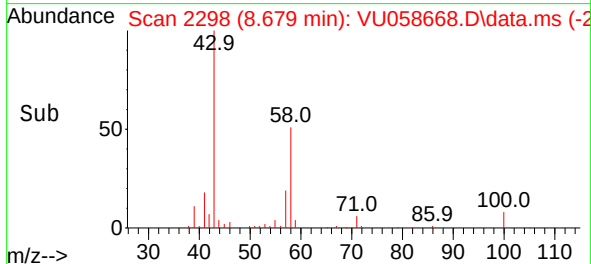
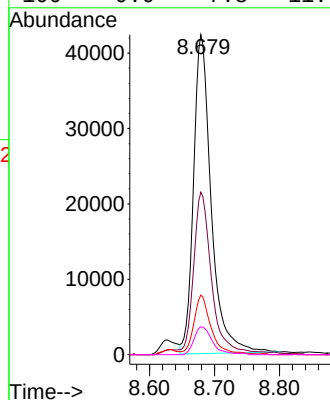
Ion Ratio Lower Upper

43 100

58 50.5 43.2 64.8

57 17.7 15.4 23.0

100 9.0 7.8 11.6



#49

Dibromochloromethane

Concen: 4.756 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.003 min

Lab File: VU058668.D

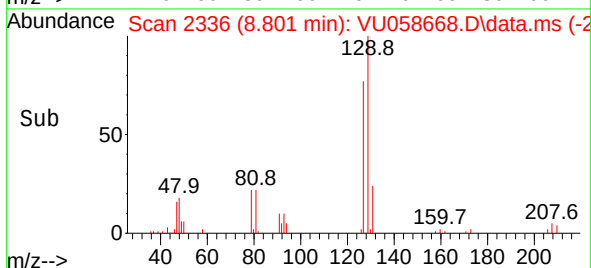
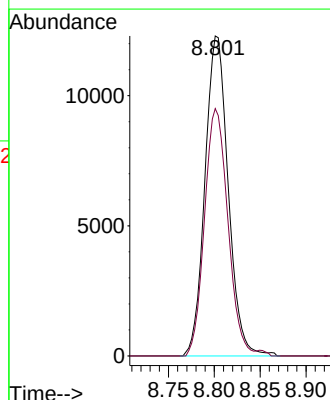
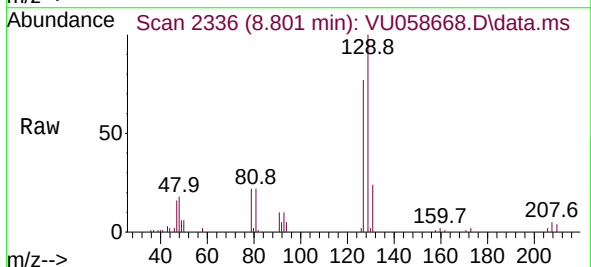
Acq: 12 Apr 2024 20:56

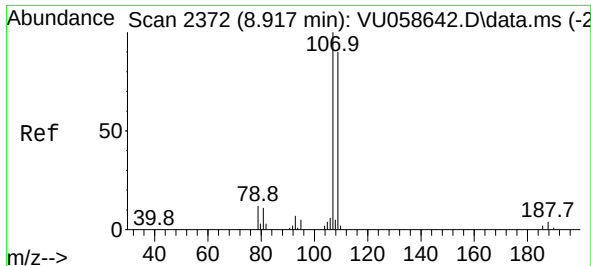
Tgt Ion: 129 Resp: 21678

Ion Ratio Lower Upper

129 100

127 77.3 53.5 99.5





#50

1,2-Dibromoethane

Concen: 4.578 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

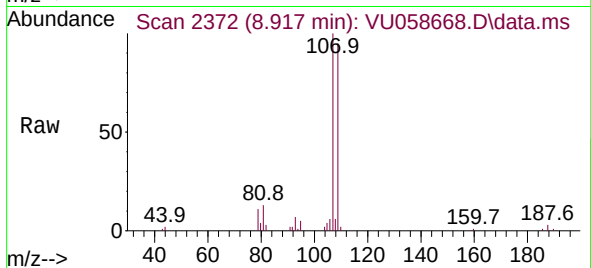
Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

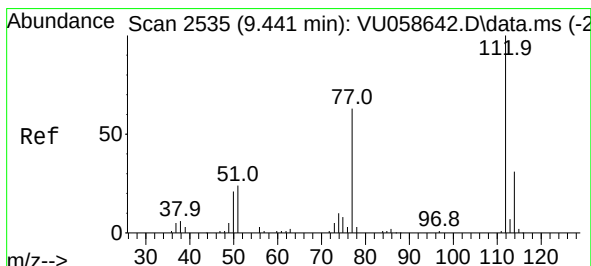
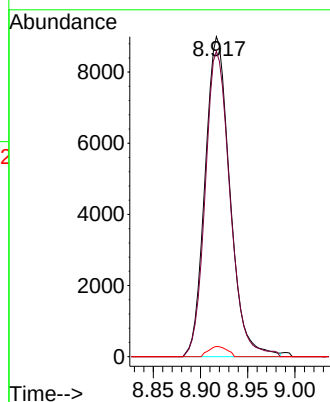
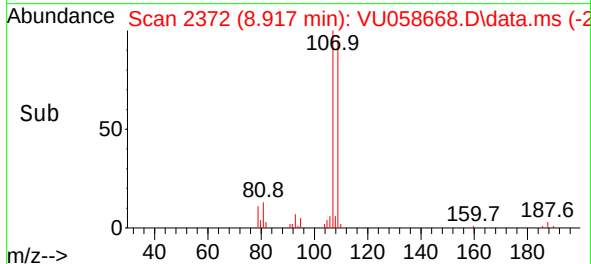
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	16507
Ion	Ratio	Lower	Upper
107	100		
109	95.5	67.3	124.9
188	3.2	2.5	3.7



#51

Chlorobenzene

Concen: 4.605 ug/L

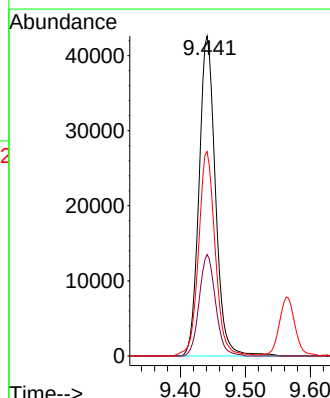
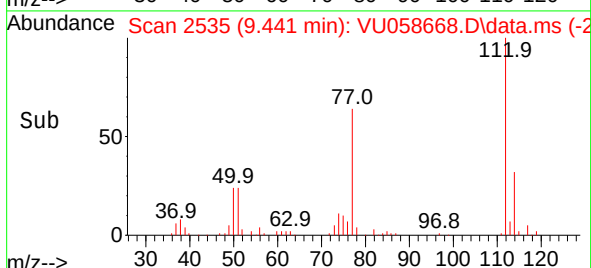
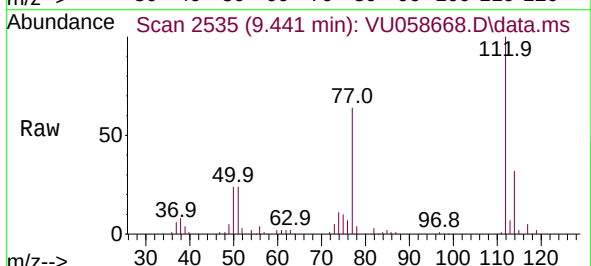
RT: 9.441 min Scan# 2535

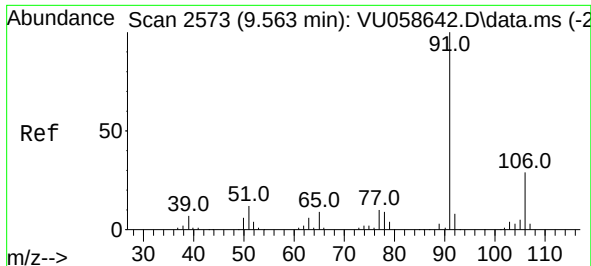
Delta R.T. 0.000 min

Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

Tgt Ion:	112	Resp:	74997
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.4	41.6
77	63.9	50.1	75.1

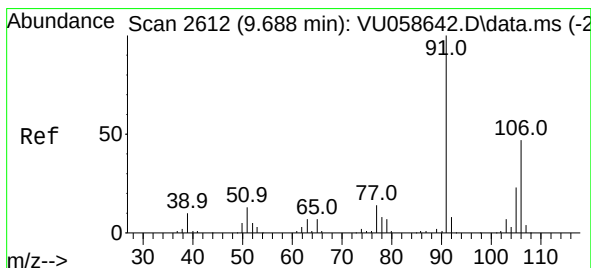
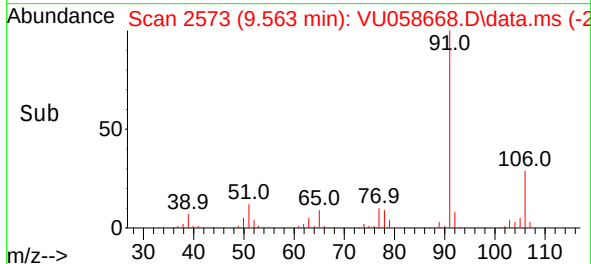
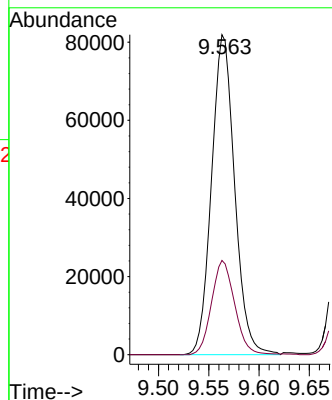
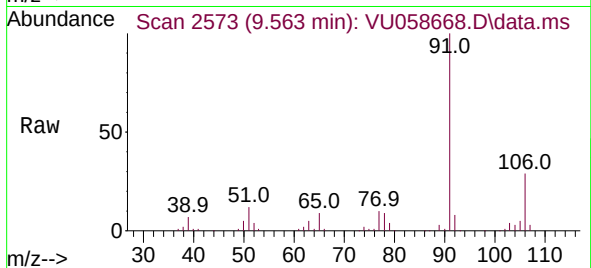




#52
Ethylbenzene
Concen: 4.592 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

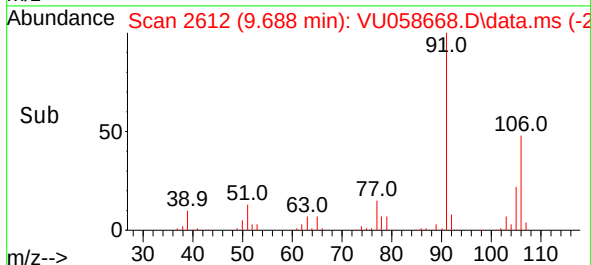
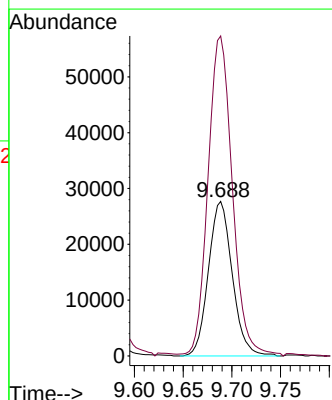
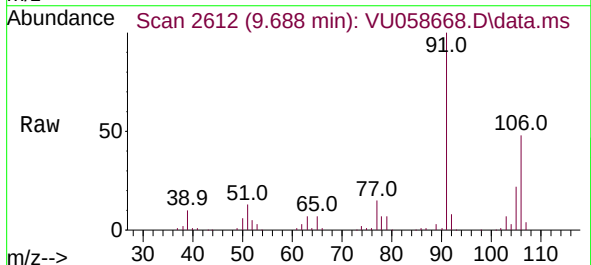
Instrument :
MSVOA_U
ClientSampleId :

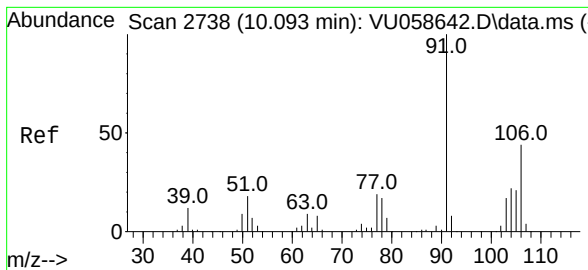
Tgt Ion: 91 Resp: 130935
Ion Ratio Lower Upper
91 100
106 29.4 20.6 38.4



#53
m,p-Xylene
Concen: 4.616 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

Tgt Ion: 106 Resp: 47132
Ion Ratio Lower Upper
106 100
91 207.0 147.8 274.4





#54

o-Xylene

Concen: 4.712 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

Instrument :

MSVOA_U

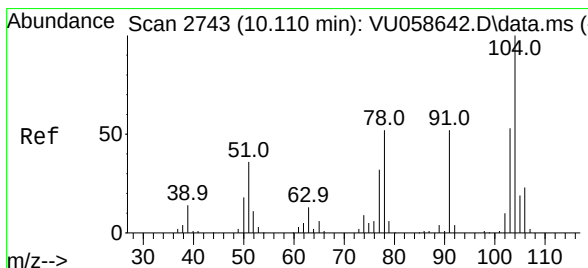
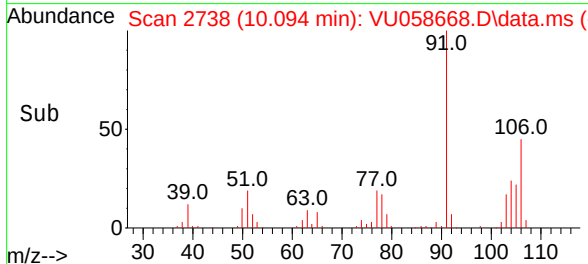
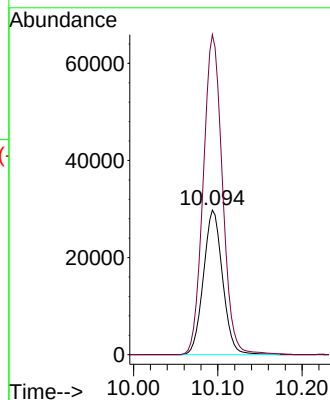
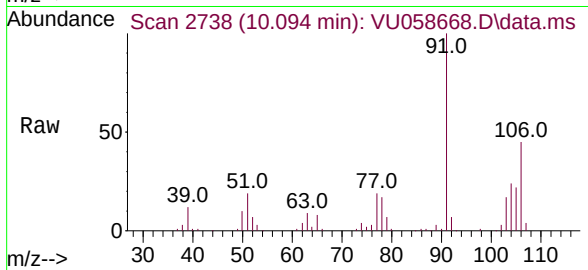
ClientSampleId :

Tgt Ion:106 Resp: 47171

Ion Ratio Lower Upper

106 100

91 221.2 156.9 291.5



#55

Styrene

Concen: 4.750 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU058668.D

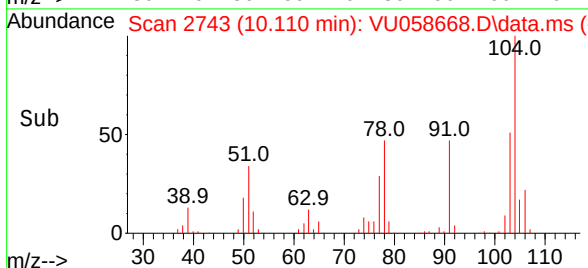
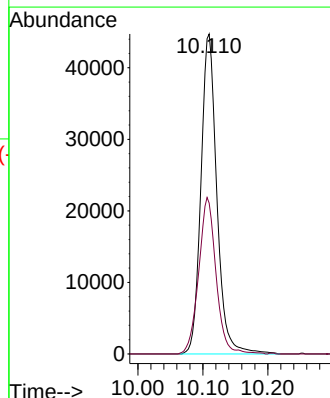
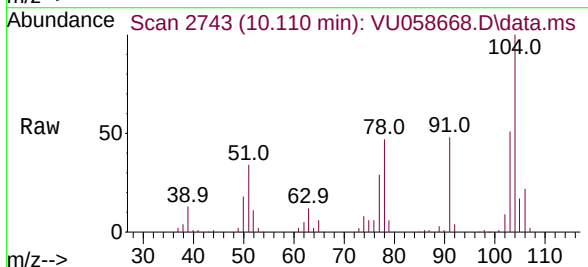
Acq: 12 Apr 2024 20:56

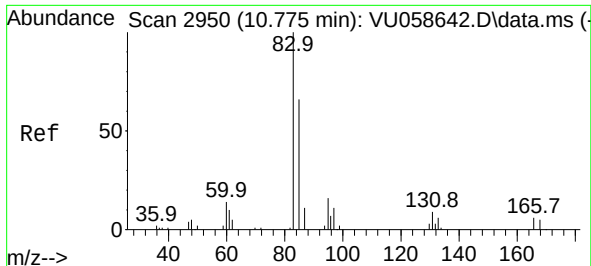
Tgt Ion:104 Resp: 76491

Ion Ratio Lower Upper

104 100

78 47.2 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 4.693 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

Instrument :

MSVOA_U

ClientSampleId :

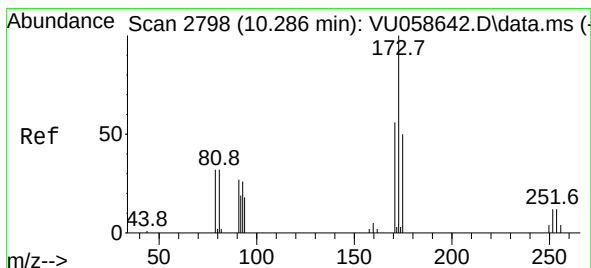
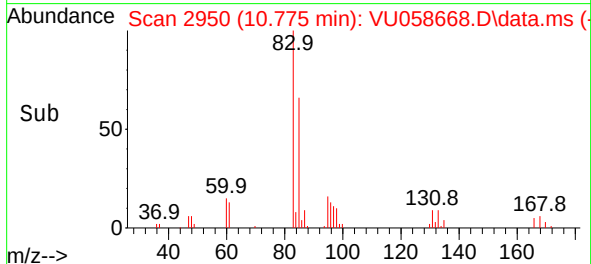
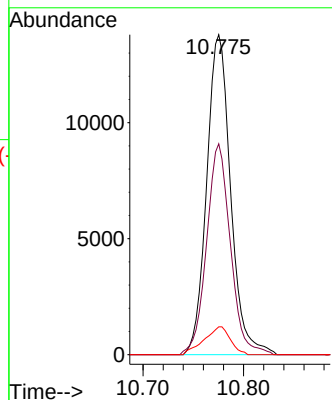
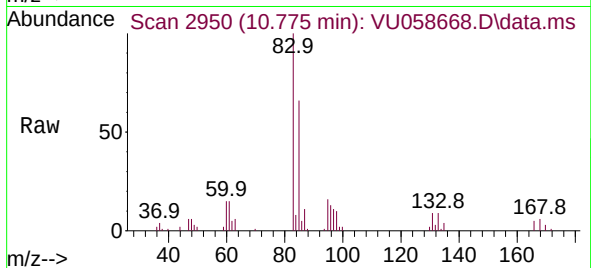
Tgt Ion: 83 Resp: 22824

Ion Ratio Lower Upper

83 100

85 65.9 45.1 83.7

131 8.7 6.9 10.3



#59

Bromoform

Concen: 4.851 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

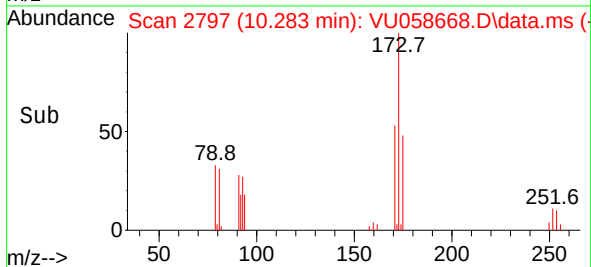
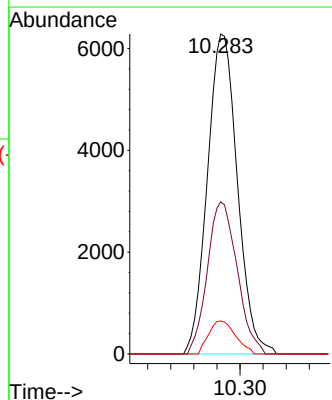
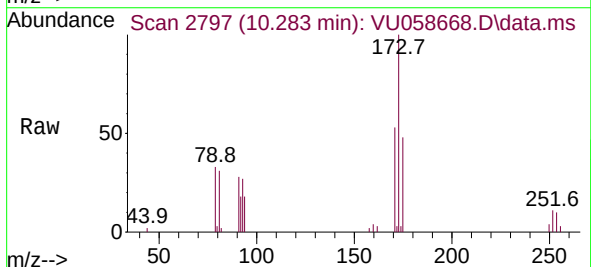
Tgt Ion:173 Resp: 11319

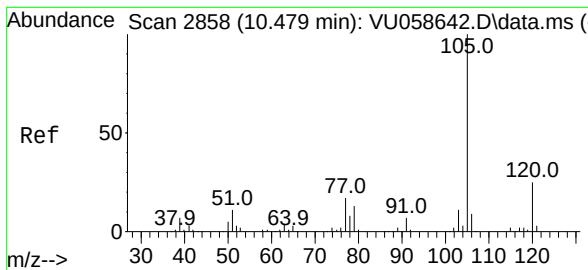
Ion Ratio Lower Upper

173 100

175 47.2 38.0 57.0

254 9.2 7.5 11.3





#60

Isopropylbenzene

Concen: 4.729 ug/L

RT: 10.476 min Scan# 2858

Delta R.T. -0.003 min

Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

Instrument :

MSVOA_U

ClientSampleId :

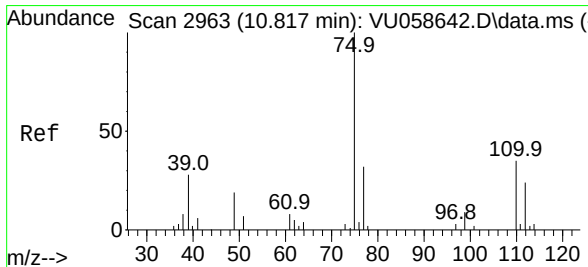
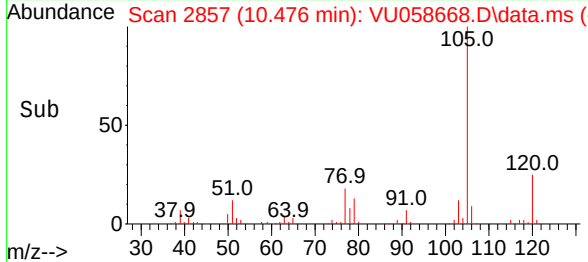
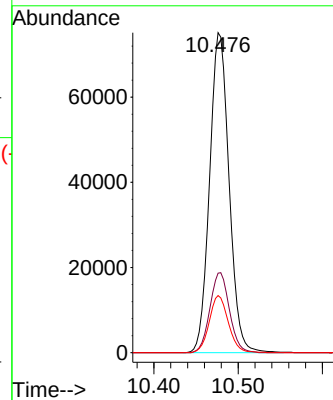
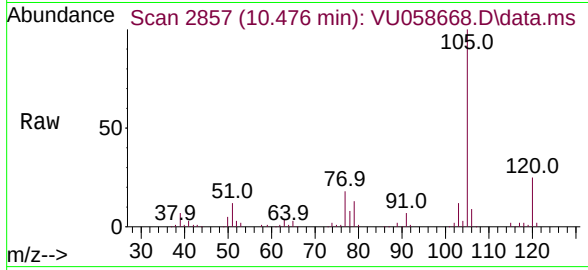
Tgt Ion:105 Resp: 120913

Ion Ratio Lower Upper

105 100

120 25.0 20.2 30.4

77 17.5 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 4.719 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

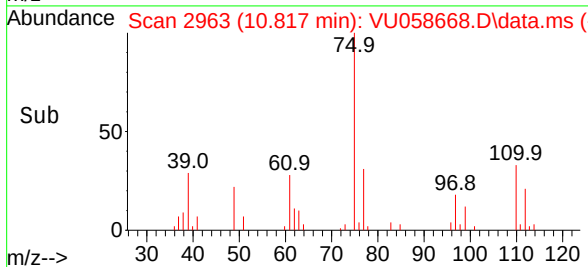
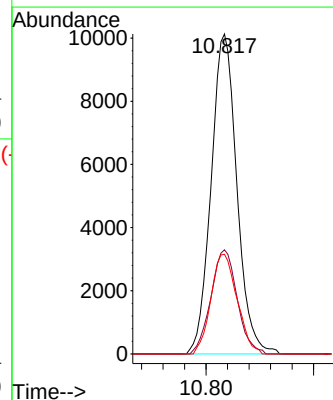
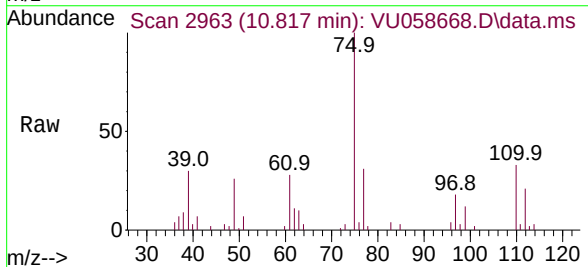
Tgt Ion: 75 Resp: 16817

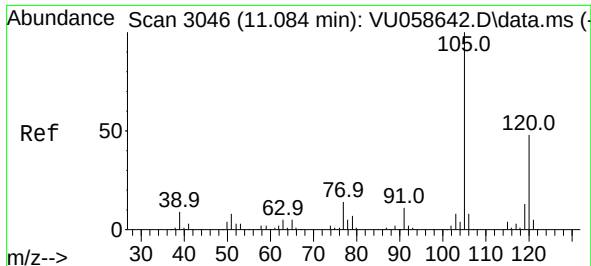
Ion Ratio Lower Upper

75 100

110 33.2 25.8 38.6

77 31.7 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 4.584 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.003 min

Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

Instrument :

MSVOA_U

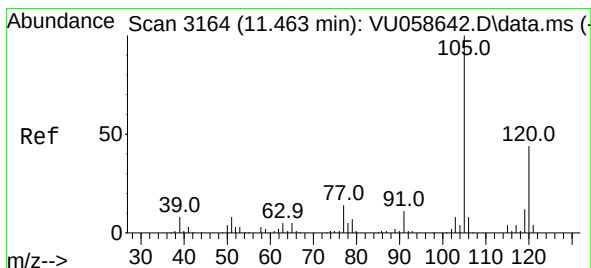
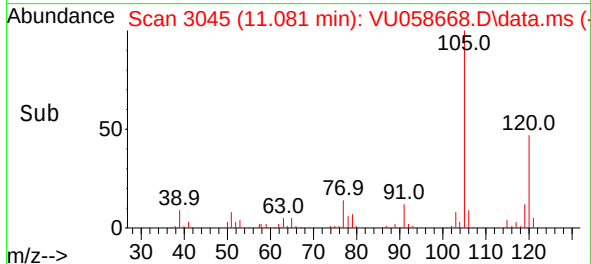
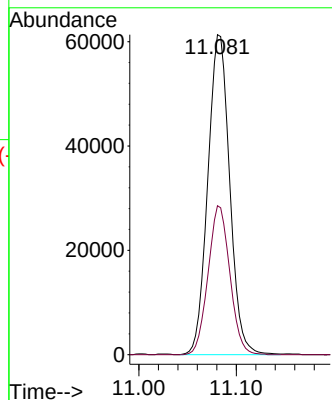
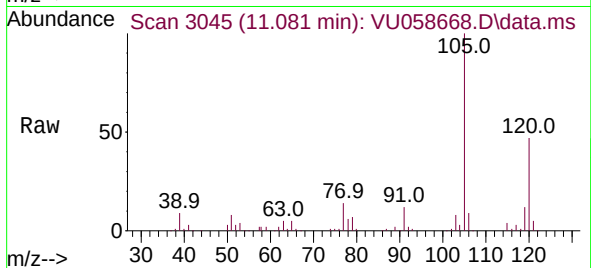
ClientSampleId :

Tgt Ion:105 Resp: 95574

Ion Ratio Lower Upper

105 100

120 46.3 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 4.622 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU058668.D

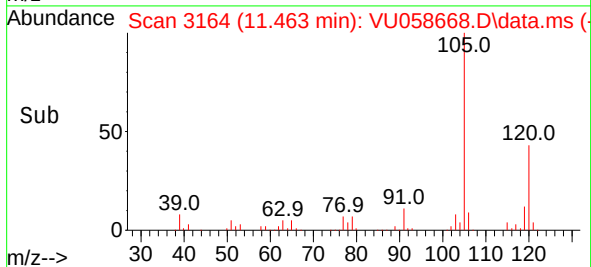
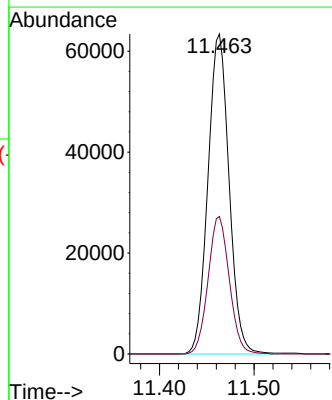
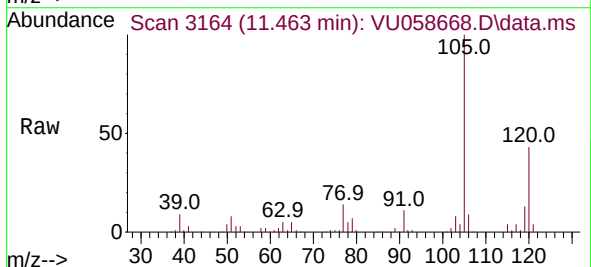
Acq: 12 Apr 2024 20:56

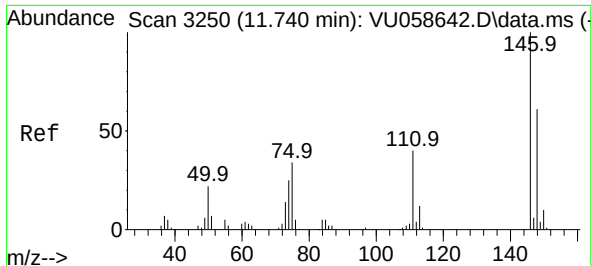
Tgt Ion:105 Resp: 98397

Ion Ratio Lower Upper

105 100

120 43.1 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 4.606 ug/L

RT: 11.740 min Scan# 31

Delta R.T. 0.000 min

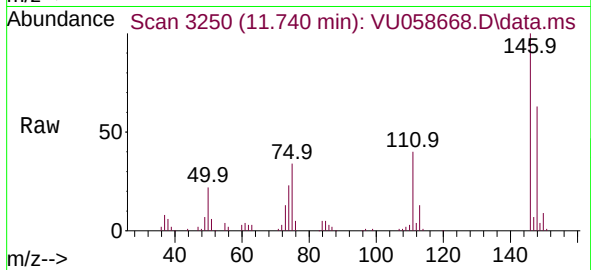
Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

Instrument :

MSVOA_U

ClientSampleId :



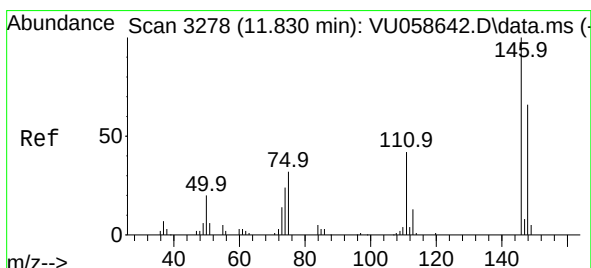
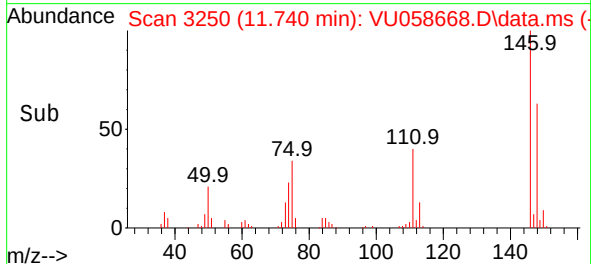
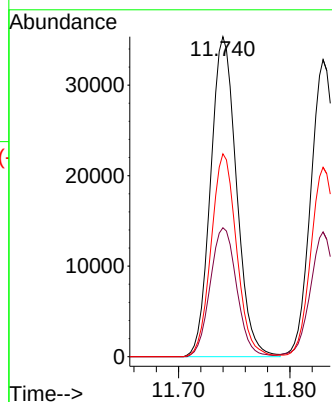
Tgt Ion:146 Resp: 57208

Ion Ratio Lower Upper

146 100

111 40.3 28.8 53.4

148 63.4 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 4.530 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

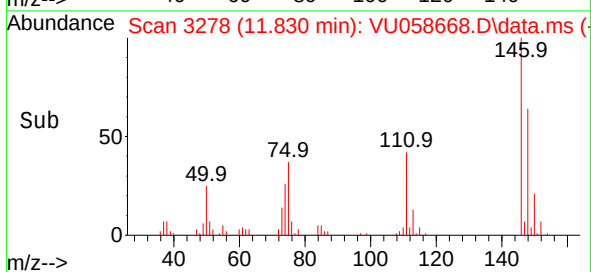
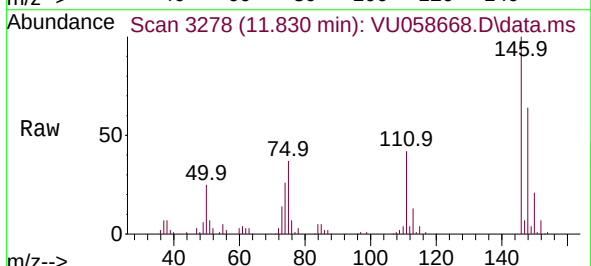
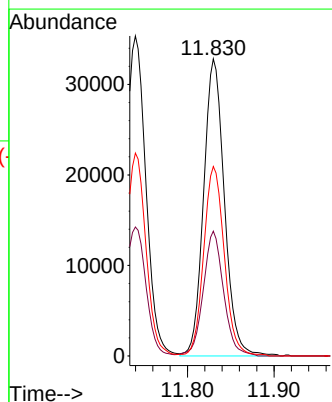
Tgt Ion:146 Resp: 54809

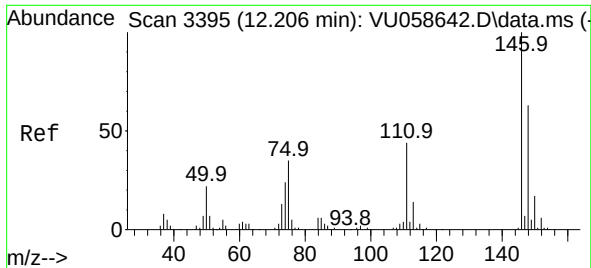
Ion Ratio Lower Upper

146 100

111 42.0 28.8 53.6

148 63.8 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.535 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

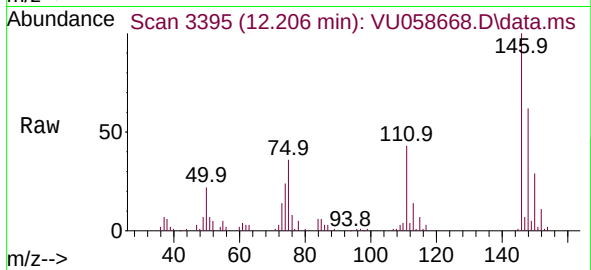
Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

Instrument :

MSVOA_U

ClientSampleId :



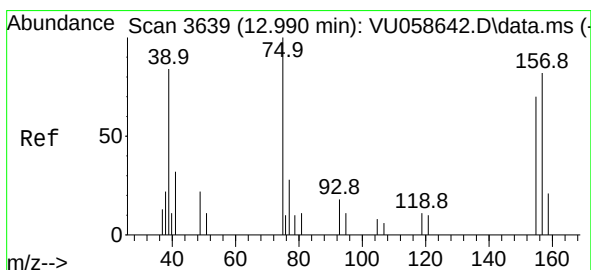
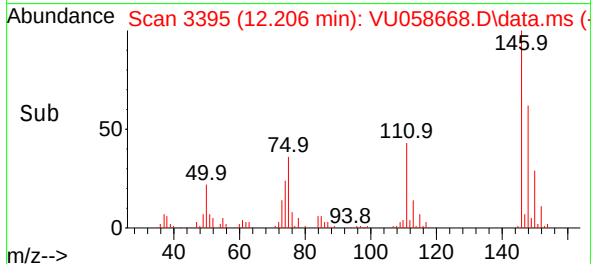
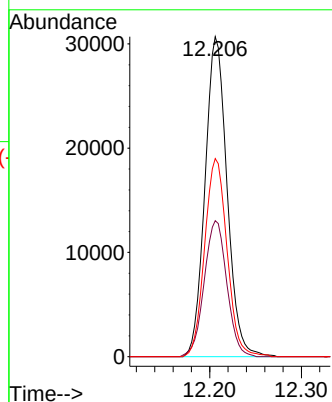
Tgt Ion:146 Resp: 51232

Ion Ratio Lower Upper

146 100

111 42.5 35.0 52.4

148 61.9 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.764 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

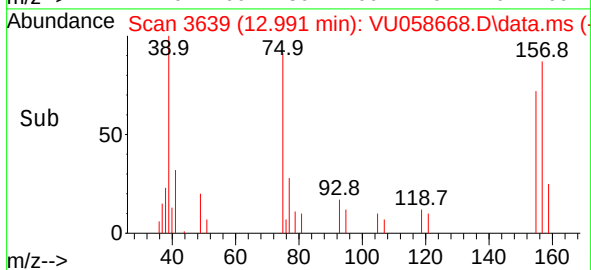
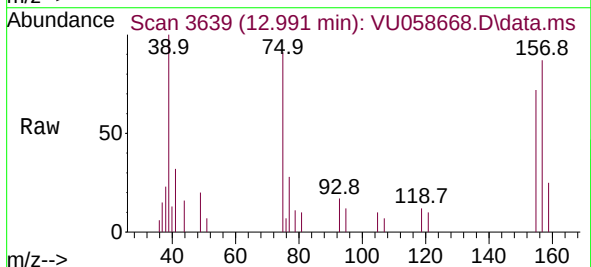
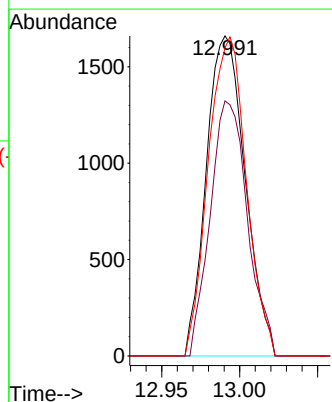
Tgt Ion: 75 Resp: 2879

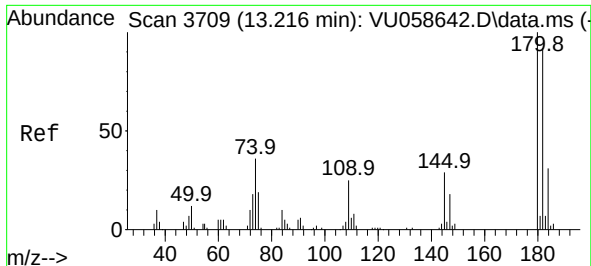
Ion Ratio Lower Upper

75 100

155 79.7 61.4 92.0

157 96.3 81.7 122.5





#69

1,3,5-Trichlorobenzene

Concen: 4.264 ug/L

RT: 13.212 min Scan# 3709

Delta R.T. -0.003 min

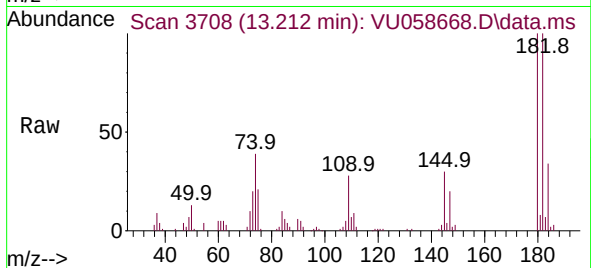
Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 39160

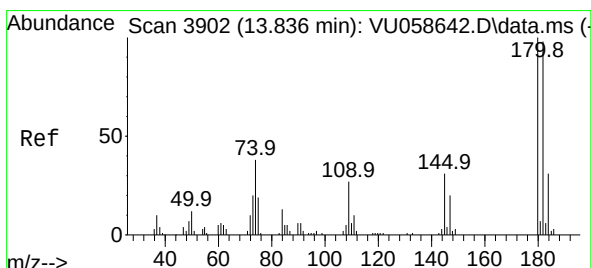
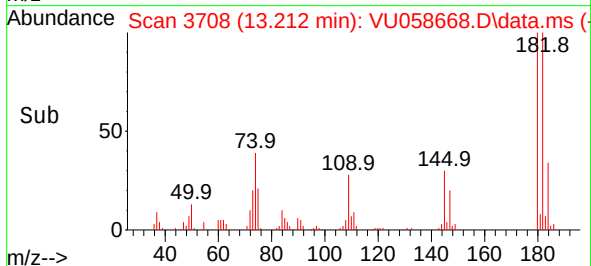
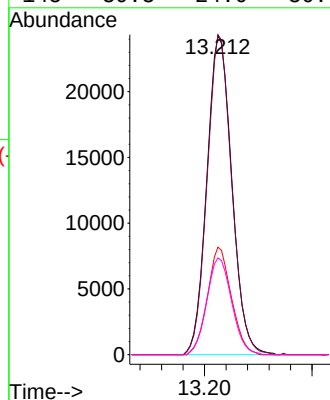
Ion Ratio Lower Upper

180 100

182 98.5 75.7 113.5

184 32.1 24.3 36.5

145 30.3 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 3.937 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU058668.D

Acq: 12 Apr 2024 20:56

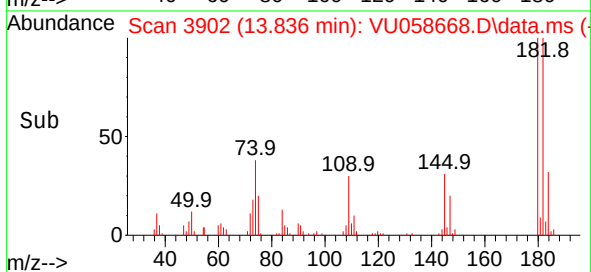
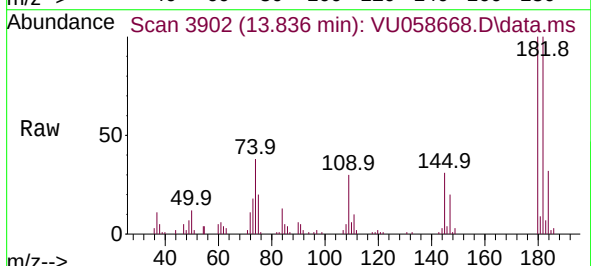
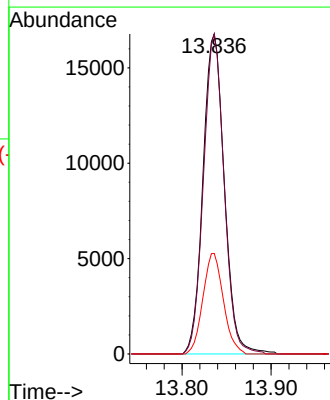
Tgt Ion:180 Resp: 27881

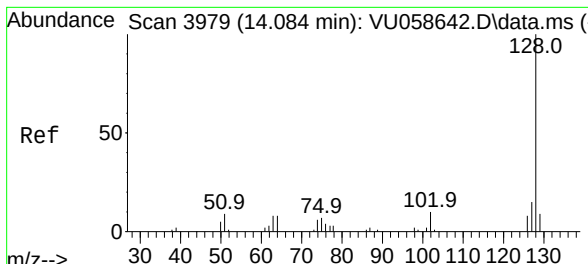
Ion Ratio Lower Upper

180 100

182 96.2 74.4 111.6

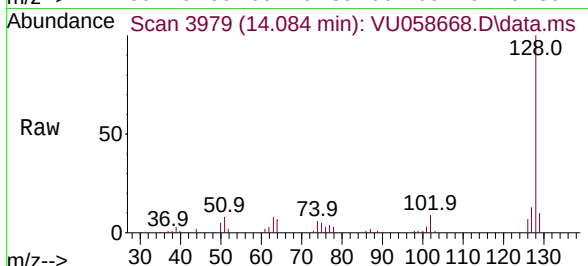
145 30.1 24.1 36.1



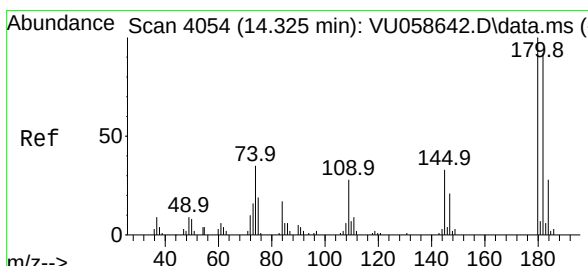
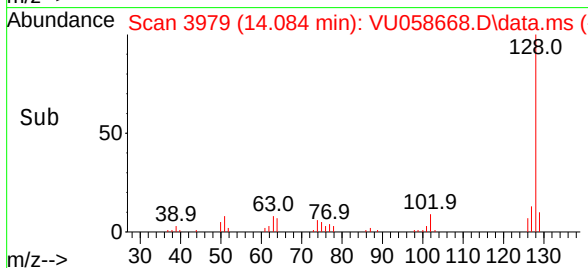
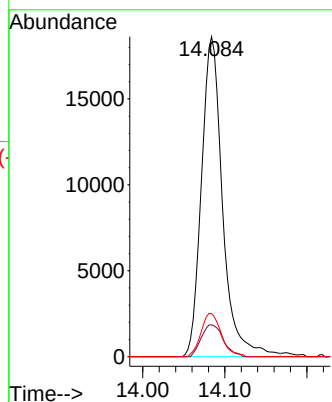


#71
Naphthalene
Concen: 3.432 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	33302
Ion Ratio	Lower	Upper	
128	100		
129	10.3	8.6	13.0
127	13.0	11.0	16.6



#72
1,2,3-Trichlorobenzene
Concen: 4.004 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU058668.D
Acq: 12 Apr 2024 20:56

Tgt Ion:	180	Resp:	23418
Ion Ratio	Lower	Upper	
180	100		
182	95.6	75.9	113.9
145	31.7	25.2	37.8

