

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042224\
 Data File : VU058768.D
 Acq On : 22 Apr 2024 15:12
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 23 00:05:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 22 23:57:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	98299	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93765	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45238	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	38796	5.018	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.400%
7) Chloroethane-d5	1.904	69	29518	5.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.557	65	20144	5.175	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.400%
20) 2-Butanone-d5	4.624	46	74964	55.183	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.360%
24) Chloroform-d	5.052	84	85561	5.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	5.692	65	40875	5.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.718	84	160678	5.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
36) 1,2-Dichloropropane-d6	6.682	67	47302	5.314	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.888	98	144216	5.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
43) trans-1,3-Dichloroprop...	8.174	79	17322	5.345	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.800%
46) 2-Hexanone-d5	8.627	63	54791	57.051	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.100%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29568	5.453	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	44530	5.648	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	56431	5.242	ug/L	98
3) Chloromethane	1.512	50	42463	5.039	ug/L	97
5) Vinyl chloride	1.596	62	43041	5.034	ug/L	99
6) Bromomethane	1.850	94	25033	4.947	ug/L	95
8) Chloroethane	1.927	64	24206	5.026	ug/L	99
9) Trichlorofluoromethane	2.129	101	67967	5.079	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	42149	5.284	ug/L	99
12) 1,1-Dichloroethene	2.570	96	37457	5.232	ug/L	94
13) Acetone	2.644	43	51086	54.410	ug/L	99
14) Carbon disulfide	2.785	76	125245	5.144	ug/L	100
15) Methyl Acetate	2.949	43	12430	5.522	ug/L	98
16) Methylene chloride	3.033	84	40580	5.268	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	85958	5.304	ug/L	98
18) trans-1,2-Dichloroethene	3.341	96	38643	5.389	ug/L	99
19) 1,1-Dichloroethane	3.856	63	80429	5.297	ug/L	99
21) 2-Butanone	4.705	43	77328	52.375	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	42201	5.358	ug/L	99
23) Bromochloromethane	4.965	128	16317	5.291	ug/L	96
25) Chloroform	5.074	83	81698	5.176	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042224\
 Data File : VU058768.D
 Acq On : 22 Apr 2024 15:12
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 23 00:05:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 22 23:57:56 2024
 Response via : Initial Calibration

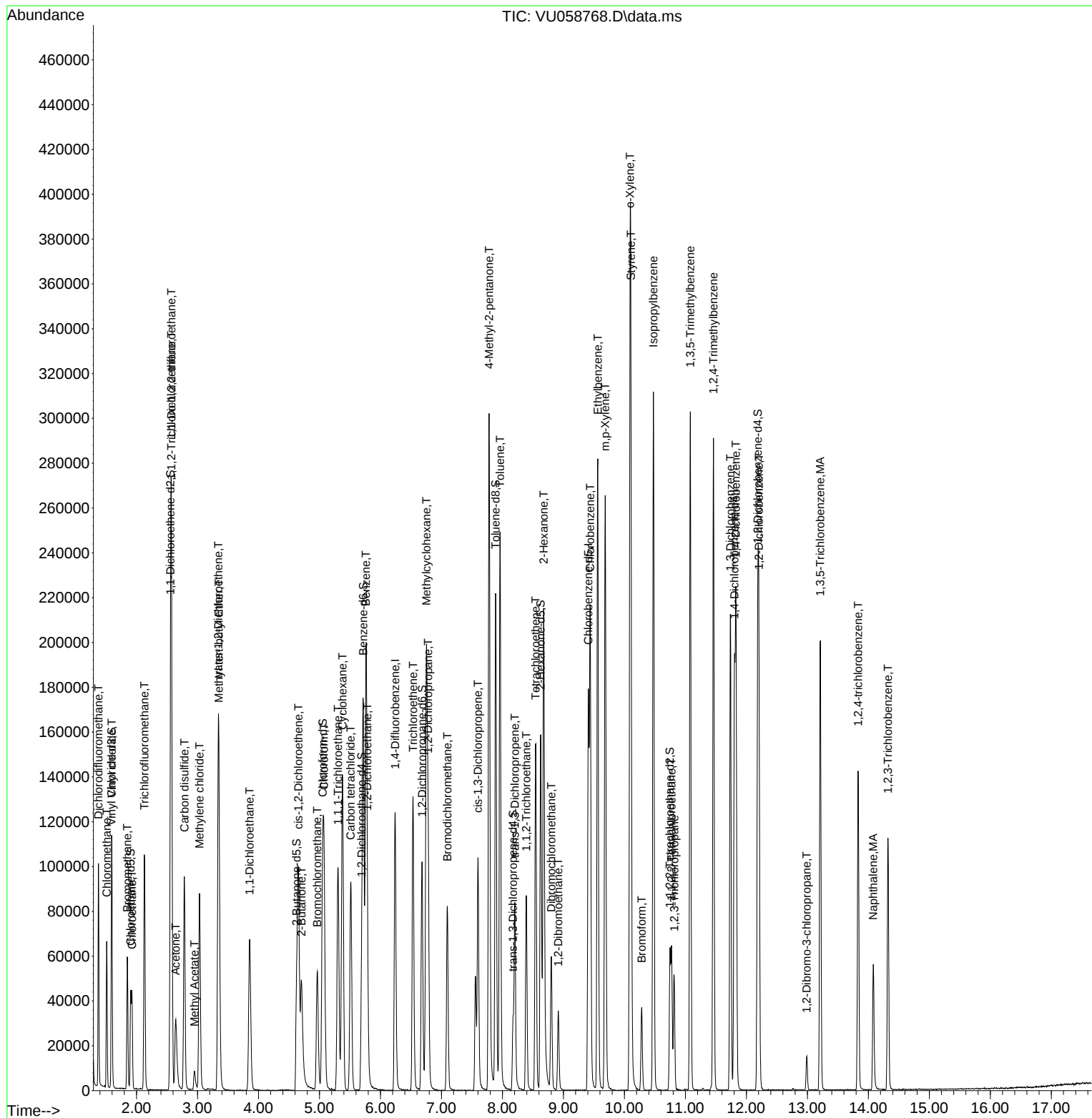
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	47499	5.031	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	73779	5.272	ug/L	99
30) Cyclohexane	5.377	56	70403	5.329	ug/L	99
31) Carbon tetrachloride	5.512	117	64315	5.200	ug/L	100
33) Benzene	5.763	78	170397	5.253	ug/L	100
34) Trichloroethene	6.534	95	46817	5.304	ug/L	97
35) Methylcyclohexane	6.753	83	71247	5.311	ug/L	99
37) 1,2-Dichloropropane	6.782	63	43015	5.076	ug/L	99
38) Bromodichloromethane	7.097	83	54532	5.195	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	61535	5.245	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	200559	53.622	ug/L	100
42) Toluene	7.962	91	178942	5.337	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	47525	5.262	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	25861	5.304	ug/L	97
47) Tetrachloroethene	8.544	164	33305	5.376	ug/L	96
48) 2-Hexanone	8.676	43	140940	53.046	ug/L	98
49) Dibromochloromethane	8.801	129	30604	5.359	ug/L	99
50) 1,2-Dibromoethane	8.917	107	23497	5.238	ug/L	90
51) Chlorobenzene	9.441	112	107510	5.263	ug/L	98
52) Ethylbenzene	9.563	91	197733	5.347	ug/L	99
53) m,p-Xylene	9.685	106	72948	5.371	ug/L	97
54) o-Xylene	10.094	106	69529	5.400	ug/L	93
55) Styrene	10.106	104	114838	5.475	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	29234	5.145	ug/L	97
59) Bromoform	10.283	173	16473	5.199	ug/L	98
60) Isopropylbenzene	10.476	105	192747	5.371	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	21801	5.295	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	162068	5.427	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	156229	5.529	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	82789	5.353	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	80057	5.305	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	72026	5.379	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	4618	6.490	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	60351	5.454	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	41462	5.390	ug/L	99
71) Naphthalene	14.081	128	47103	5.062	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	32630	5.353	ug/L	99

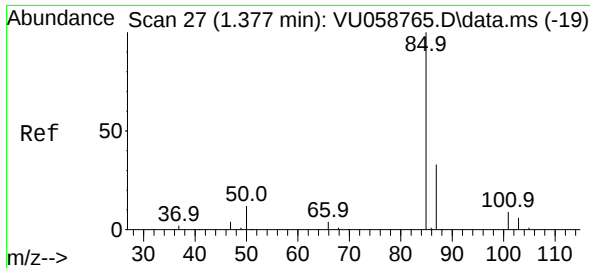
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042224\
Data File : VU058768.D
Acq On : 22 Apr 2024 15:12
Operator : MD/SY
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 23 00:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Apr 22 23:57:56 2024
Response via : Initial Calibration

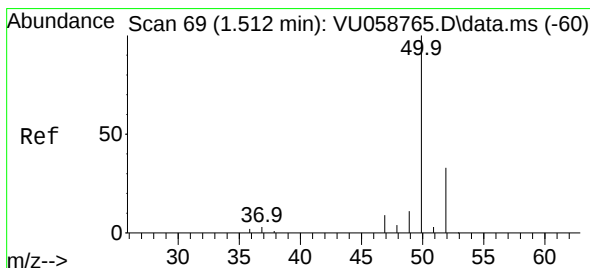
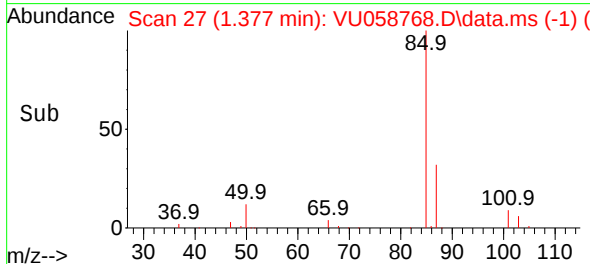
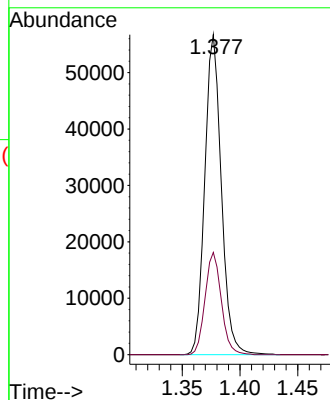
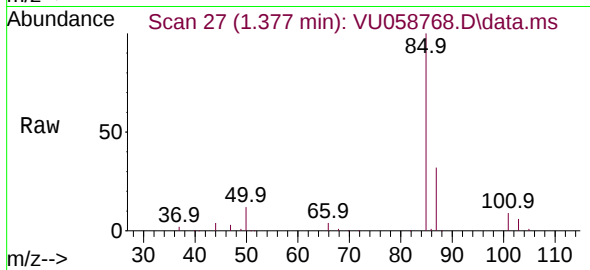




#2
Dichlorodifluoromethane
Concen: 5.242 ug/L
RT: 1.377 min Scan# 27
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

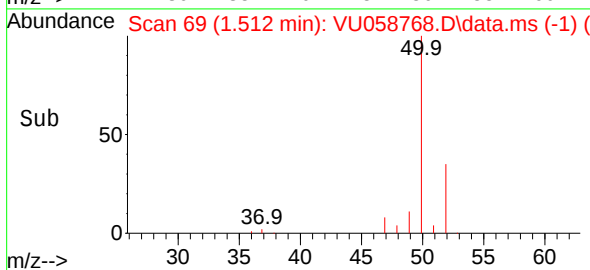
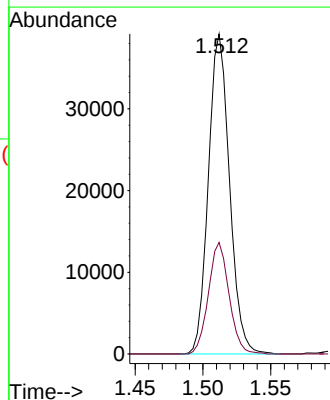
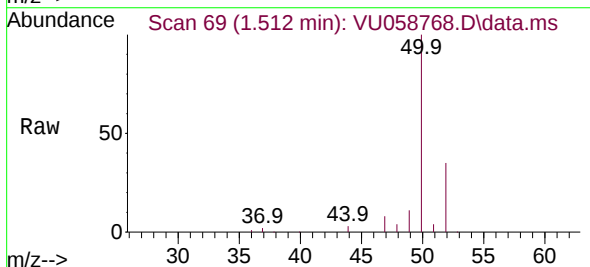
Instrument :
MSVOA_U
ClientSampleId :

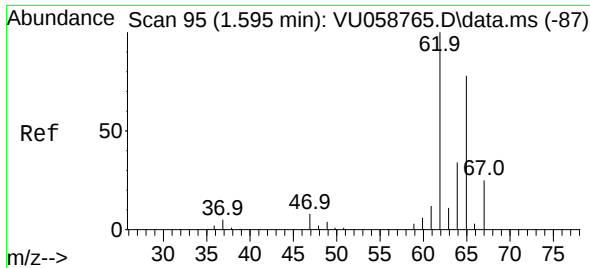
Tgt Ion: 85 Resp: 56431
Ion Ratio Lower Upper
85 100
87 31.3 26.0 39.0



#3
Chloromethane
Concen: 5.039 ug/L
RT: 1.512 min Scan# 69
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

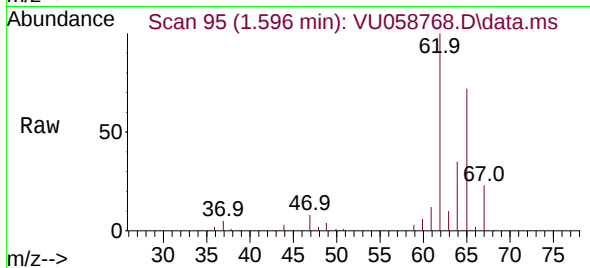
Tgt Ion: 50 Resp: 42463
Ion Ratio Lower Upper
50 100
52 34.8 23.0 42.8



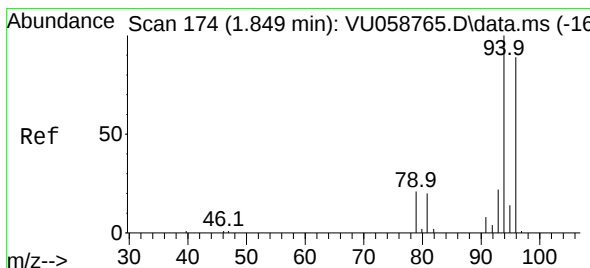
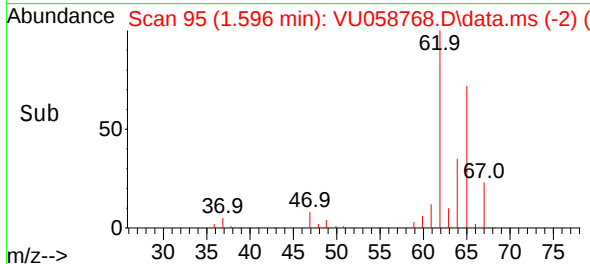
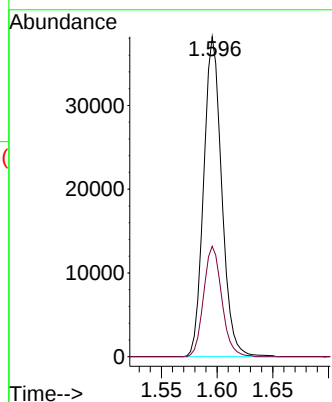


#5
 Vinyl chloride
 Concen: 5.034 ug/L
 RT: 1.596 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VU058768.D
 Acq: 22 Apr 2024 15:12

Instrument :
 MSVOA_U
 ClientSampleId :

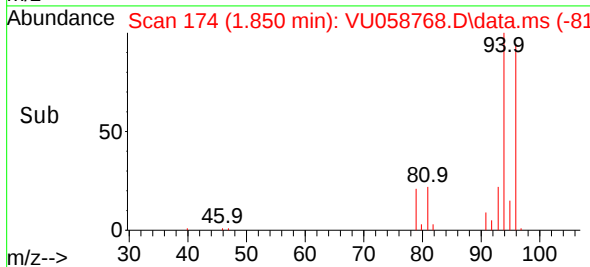
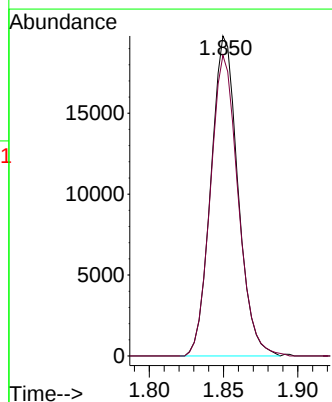
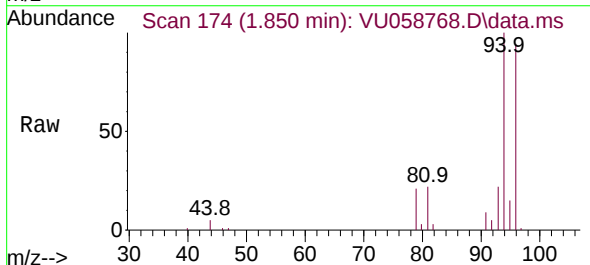


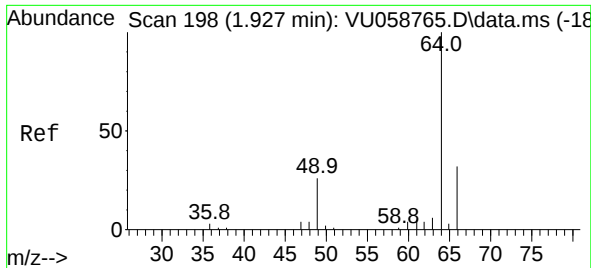
Tgt Ion: 62 Resp: 43041
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.8 44.2



#6
 Bromomethane
 Concen: 4.947 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VU058768.D
 Acq: 22 Apr 2024 15:12

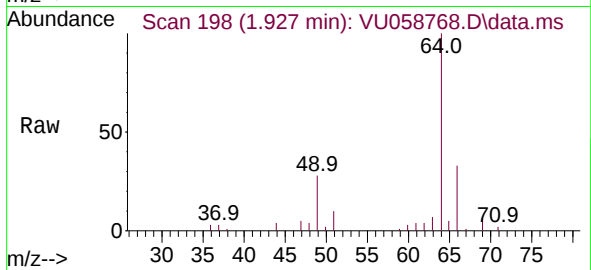
Tgt Ion: 94 Resp: 25033
 Ion Ratio Lower Upper
 94 100
 96 94.0 62.2 115.6



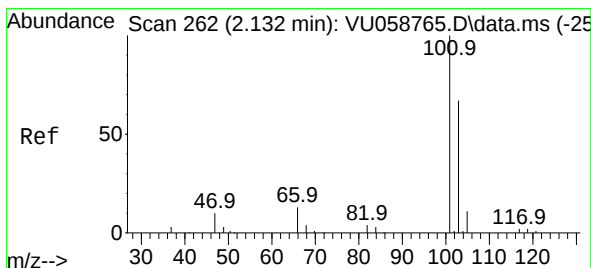
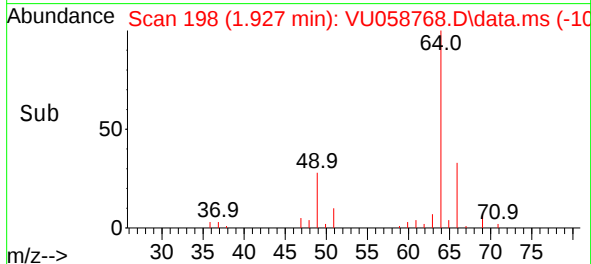
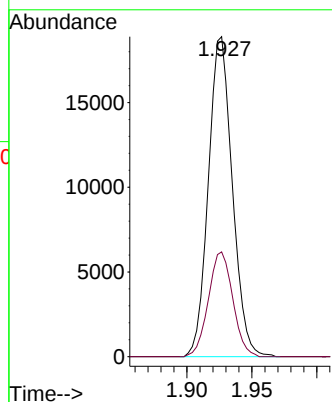


#8
Chloroethane
Concen: 5.026 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

Instrument :
MSVOA_U
ClientSampleId :

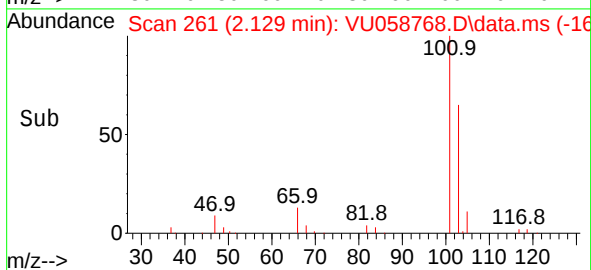
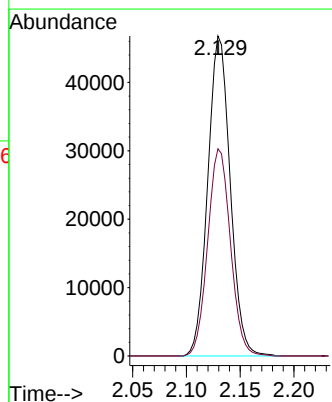
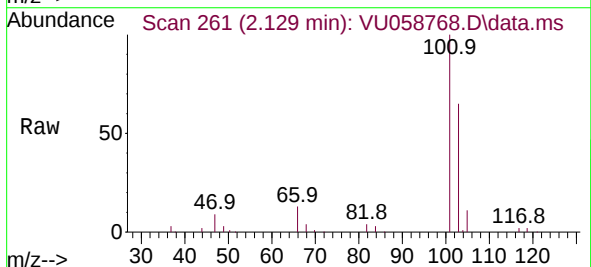


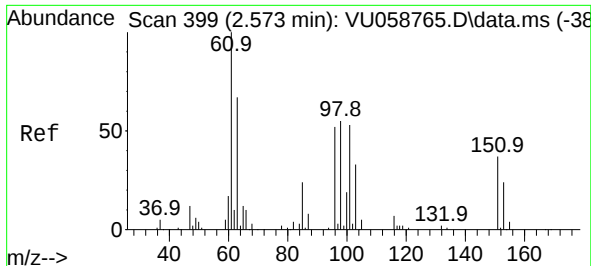
Tgt Ion: 64 Resp: 24206
Ion Ratio Lower Upper
64 100
66 32.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.079 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

Tgt Ion:101 Resp: 67967
Ion Ratio Lower Upper
101 100
103 65.5 52.6 78.8

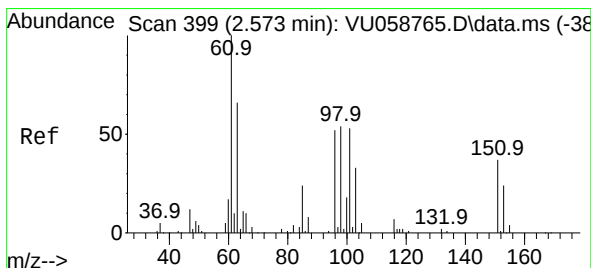
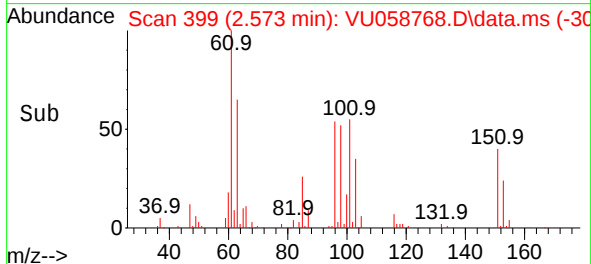
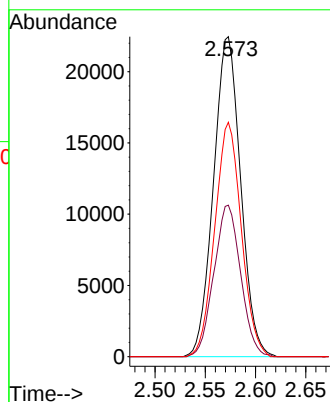
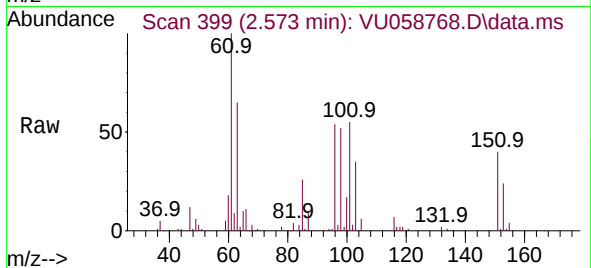




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.284 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

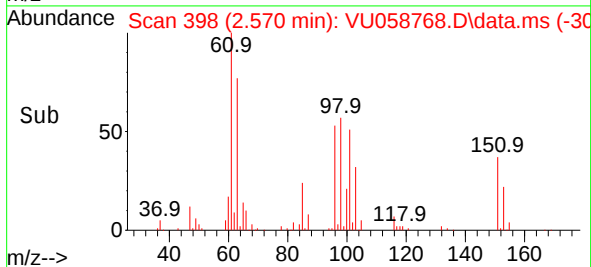
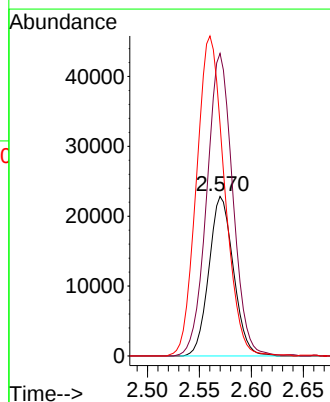
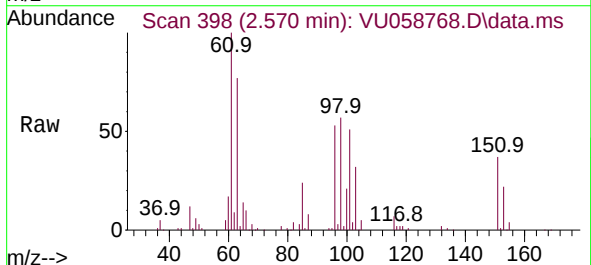
Instrument :
MSVOA_U
ClientSampleId :

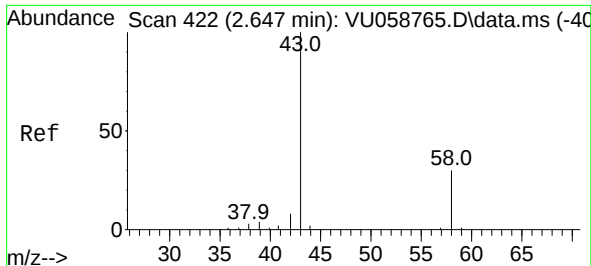
Tgt Ion:101 Resp: 42149
Ion Ratio Lower Upper
101 100
85 46.7 36.7 55.1
151 71.6 56.6 84.8



#12
1,1-Dichloroethene
Concen: 5.232 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

Tgt Ion: 96 Resp: 37457
Ion Ratio Lower Upper
96 100
61 189.6 135.3 251.3
63 145.3 91.9 170.7





#13

Acetone

Concen: 54.410 ug/L

RT: 2.644 min Scan# 421

Delta R.T. -0.003 min

Lab File: VU058768.D

Acq: 22 Apr 2024 15:12

Instrument :

MSVOA_U

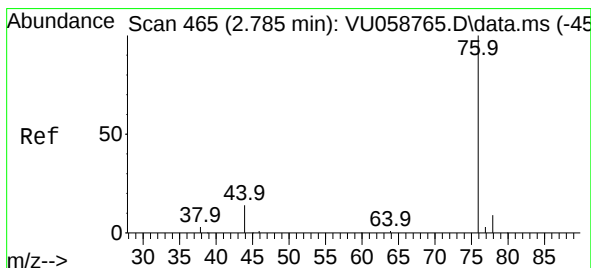
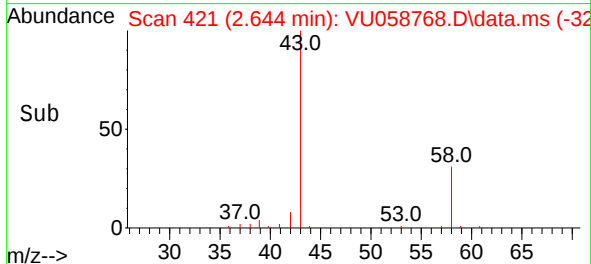
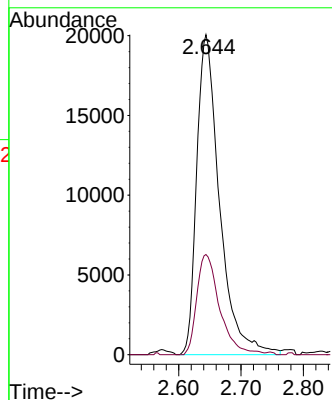
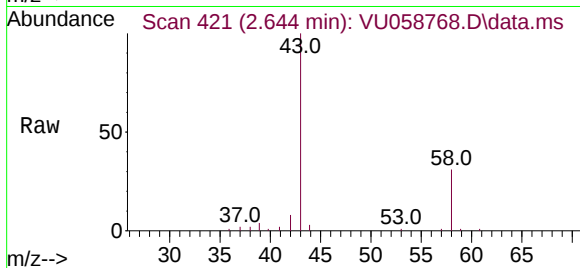
ClientSampleId :

Tgt Ion: 43 Resp: 51086

Ion Ratio Lower Upper

43 100

58 31.3 0.0 61.2



#14

Carbon disulfide

Concen: 5.144 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU058768.D

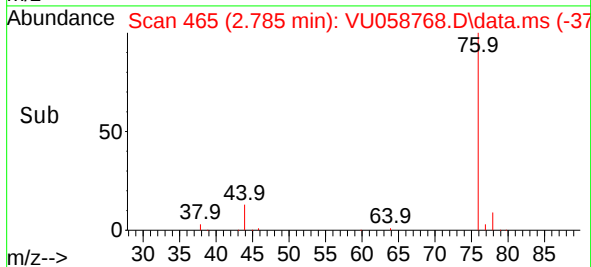
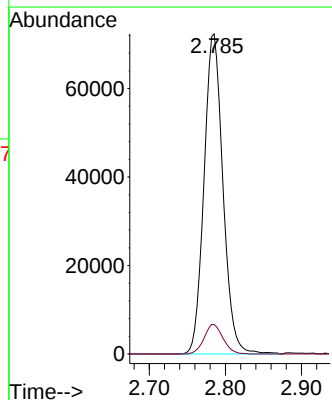
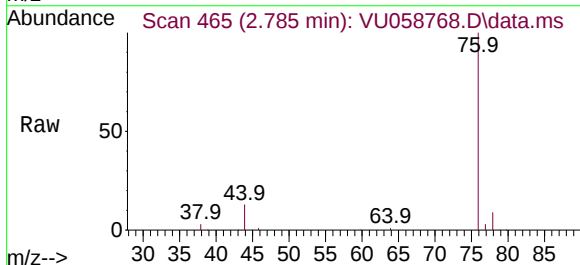
Acq: 22 Apr 2024 15:12

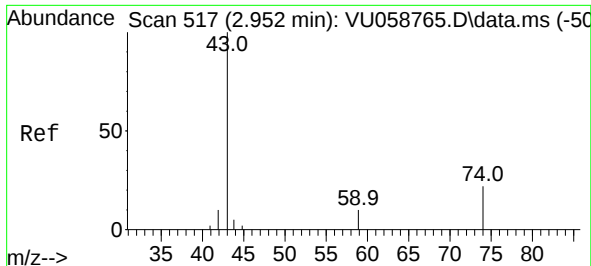
Tgt Ion: 76 Resp: 125245

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2





#15

Methyl Acetate

Concen: 5.522 ug/L

RT: 2.949 min Scan# 51

Delta R.T. -0.003 min

Lab File: VU058768.D

Acq: 22 Apr 2024 15:12

Instrument :

MSVOA_U

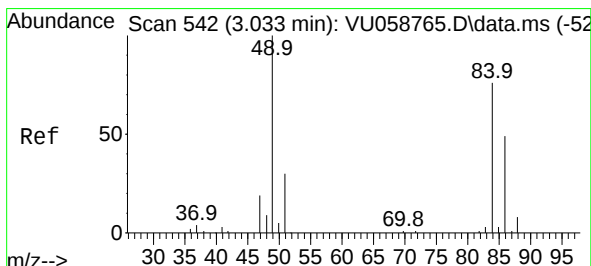
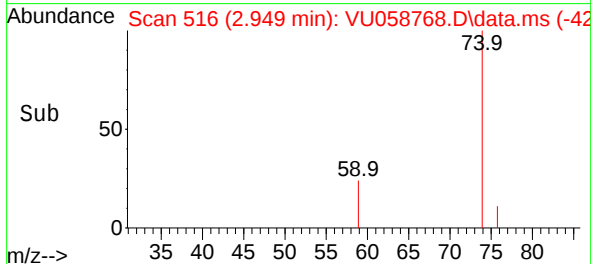
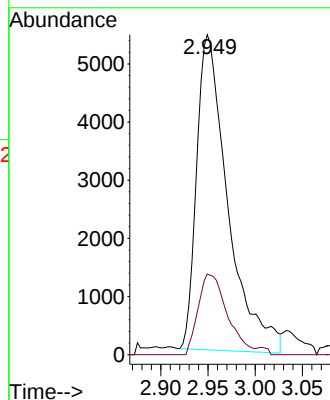
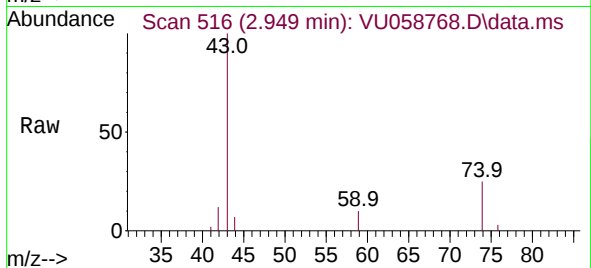
ClientSampleId :

Tgt Ion: 43 Resp: 12430

Ion Ratio Lower Upper

43 100

74 23.9 18.2 27.4



#16

Methylene chloride

Concen: 5.268 ug/L

RT: 3.033 min Scan# 542

Delta R.T. 0.000 min

Lab File: VU058768.D

Acq: 22 Apr 2024 15:12

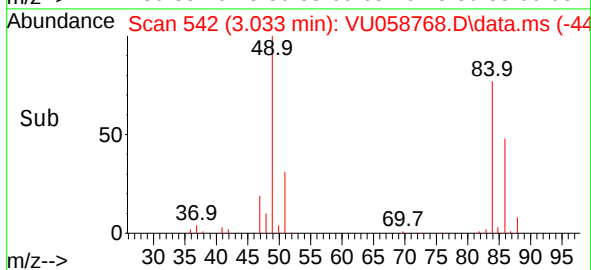
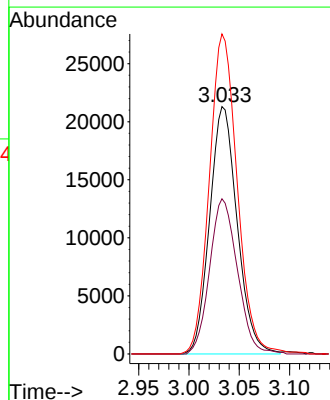
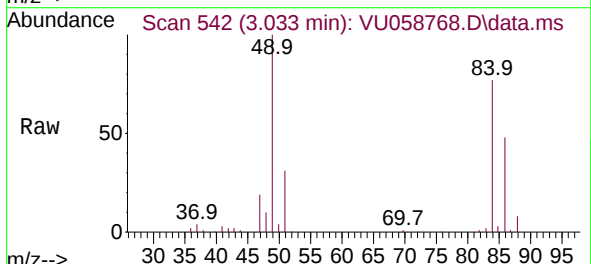
Tgt Ion: 84 Resp: 40580

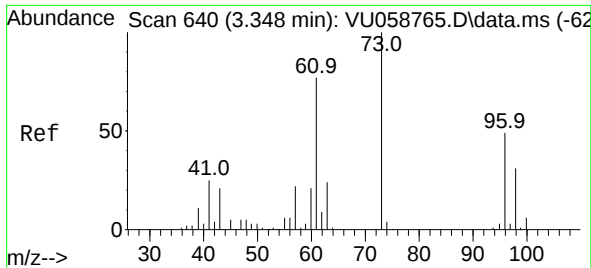
Ion Ratio Lower Upper

84 100

86 62.7 45.0 83.6

49 129.4 91.6 170.2

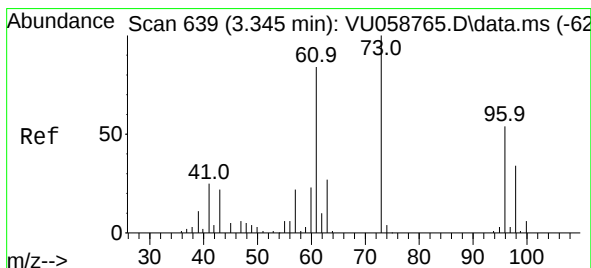
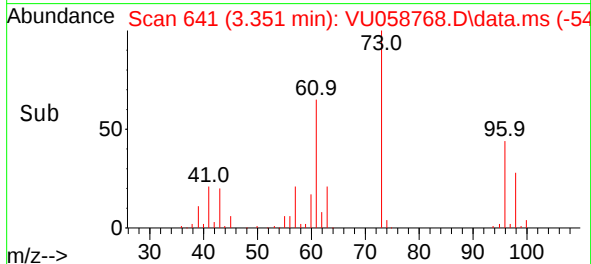
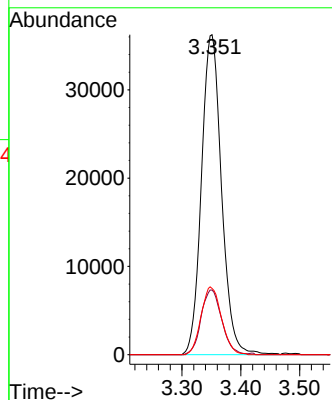
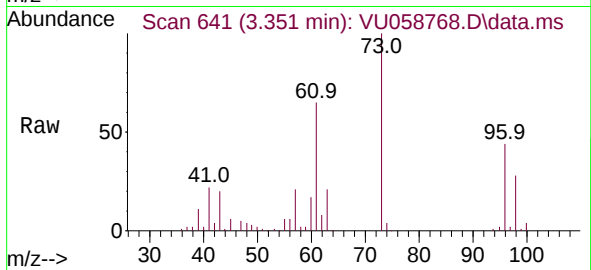




#17
Methyl tert-butyl Ether
Concen: 5.304 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

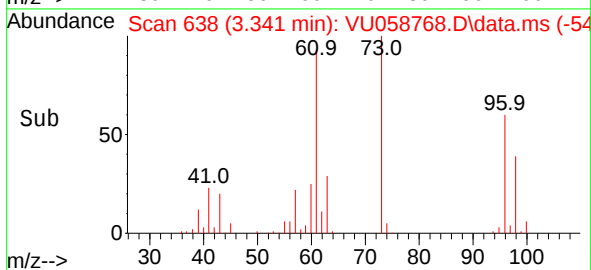
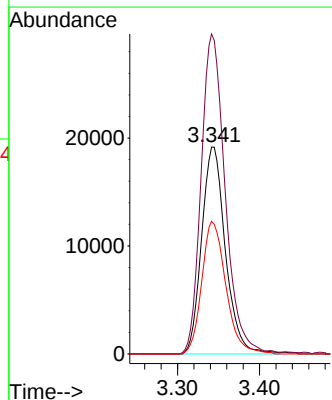
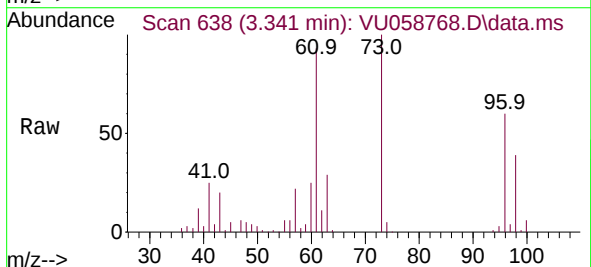
Instrument :
MSVOA_U
ClientSampleId :

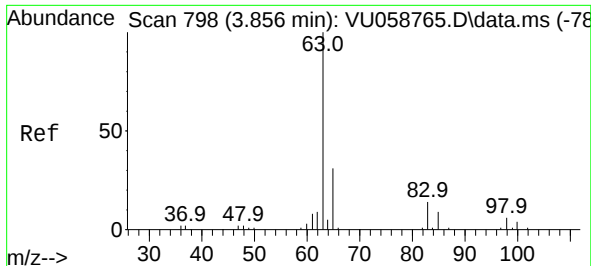
Tgt Ion: 73 Resp: 85958
Ion Ratio Lower Upper
73 100
43 20.8 17.7 26.5
57 21.5 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 5.389 ug/L
RT: 3.341 min Scan# 638
Delta R.T. -0.003 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

Tgt Ion: 96 Resp: 38643
Ion Ratio Lower Upper
96 100
61 154.7 108.6 201.8
98 64.1 44.4 82.4

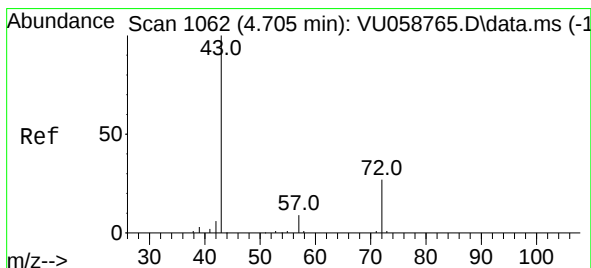
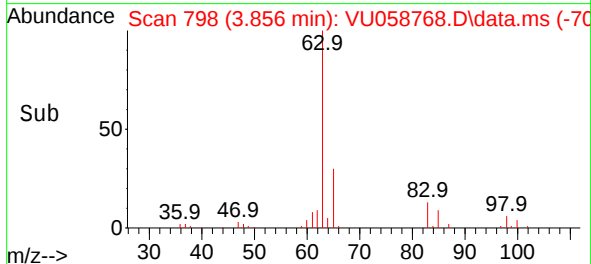
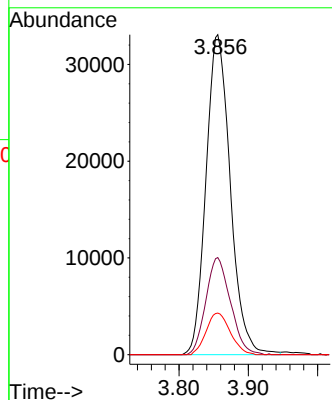
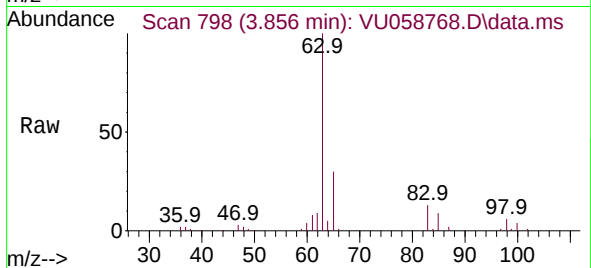




#19
1,1-Dichloroethane
Concen: 5.297 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

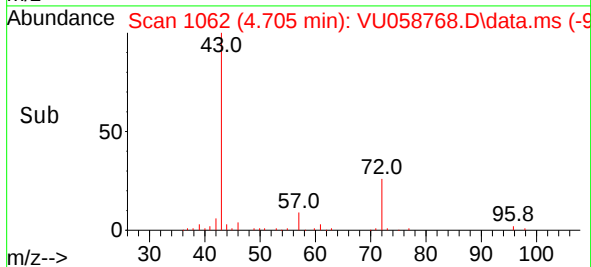
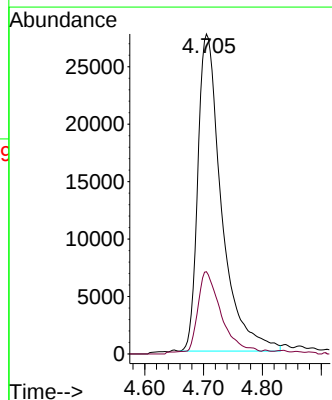
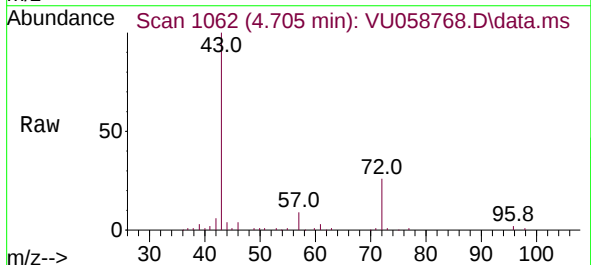
Instrument :
MSVOA_U
ClientSampleId :

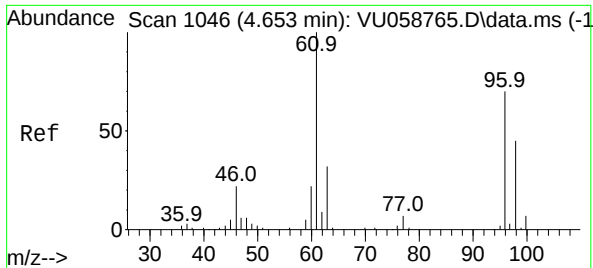
Tgt Ion: 63 Resp: 80429
Ion Ratio Lower Upper
63 100
65 30.3 21.6 40.2
83 13.0 9.5 17.7



#21
2-Butanone
Concen: 52.375 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

Tgt Ion: 43 Resp: 77328
Ion Ratio Lower Upper
43 100
72 26.4 12.8 38.4

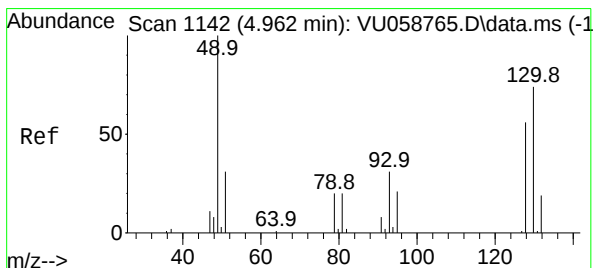
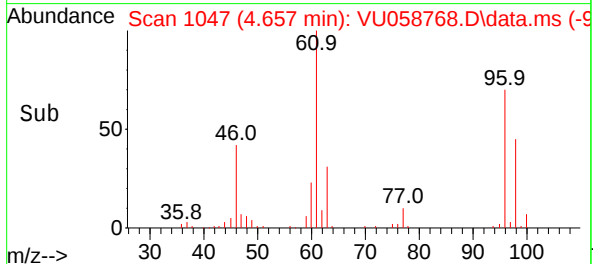
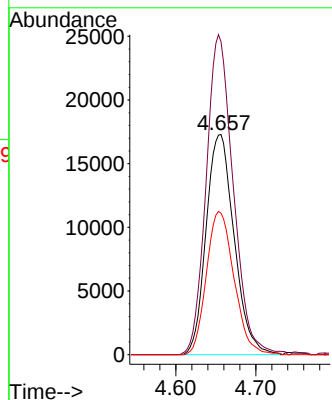
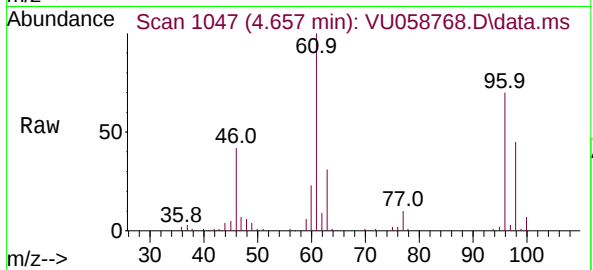




#22
cis-1,2-Dichloroethene
Concen: 5.358 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

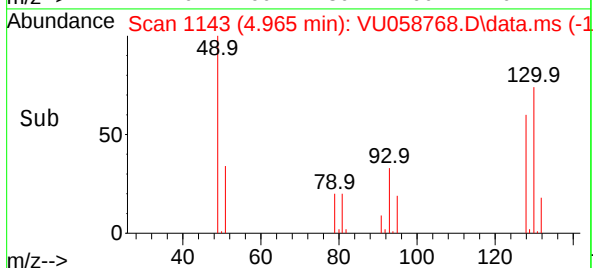
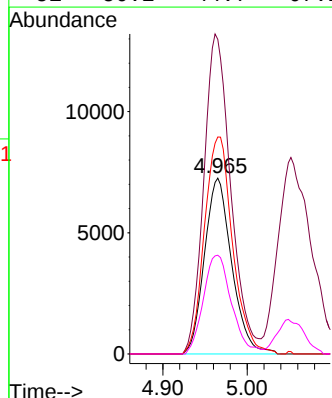
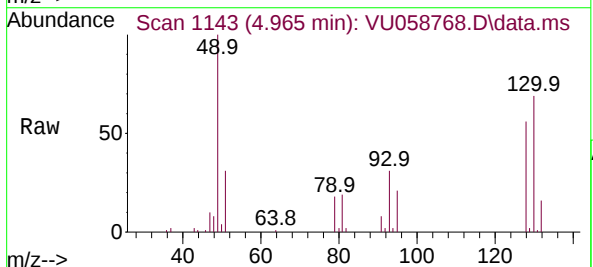
Instrument :
MSVOA_U
ClientSampleId :

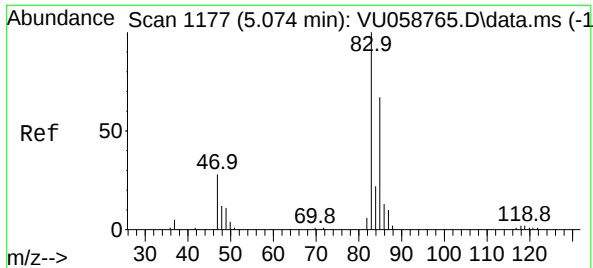
Tgt Ion: 96 Resp: 42201
Ion Ratio Lower Upper
96 100
61 142.2 100.4 186.4
98 64.3 45.1 83.7



#23
Bromochloromethane
Concen: 5.291 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.003 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

Tgt Ion:128 Resp: 16317
Ion Ratio Lower Upper
128 100
49 178.8 129.1 239.7
130 123.3 92.1 171.1
51 56.2 44.7 67.1





#25

Chloroform

Concen: 5.176 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. 0.000 min

Lab File: VU058768.D

Acq: 22 Apr 2024 15:12

Instrument :

MSVOA_U

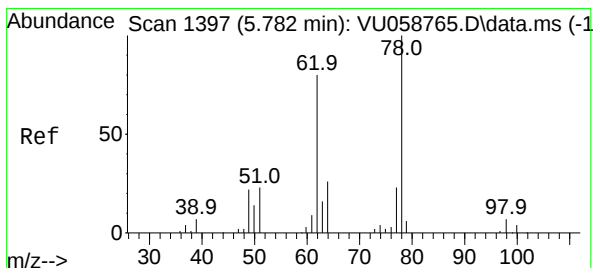
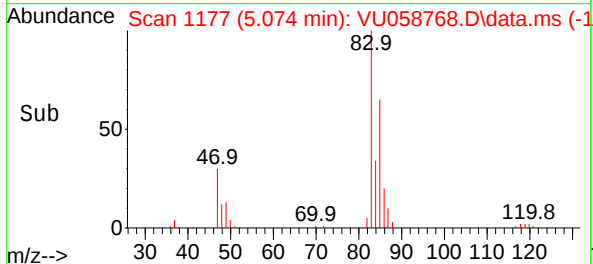
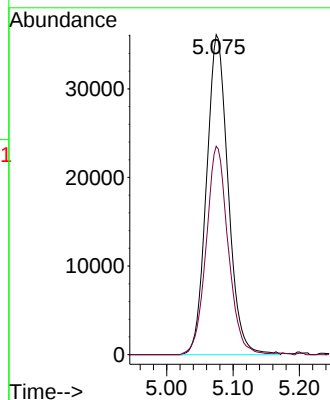
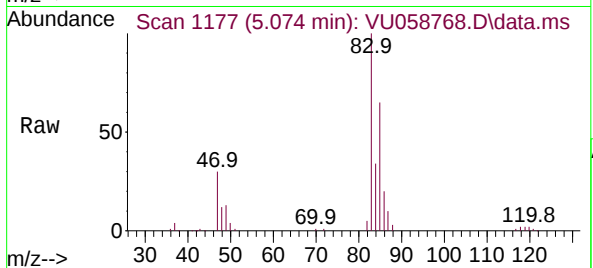
ClientSampleId :

Tgt Ion: 83 Resp: 81698

Ion Ratio Lower Upper

83 100

85 65.1 47.0 87.4



#27

1,2-Dichloroethane

Concen: 5.031 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.003 min

Lab File: VU058768.D

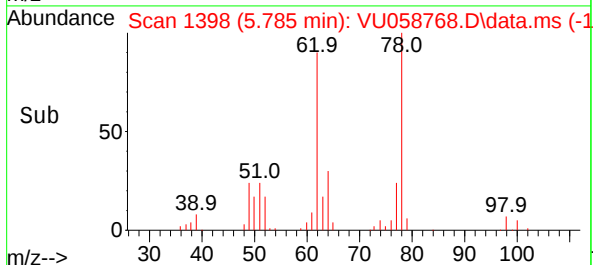
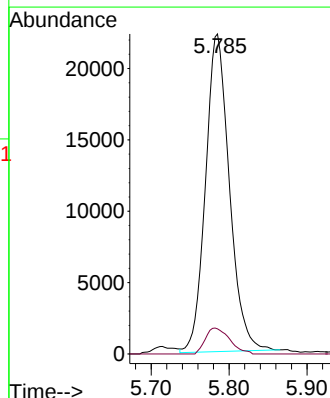
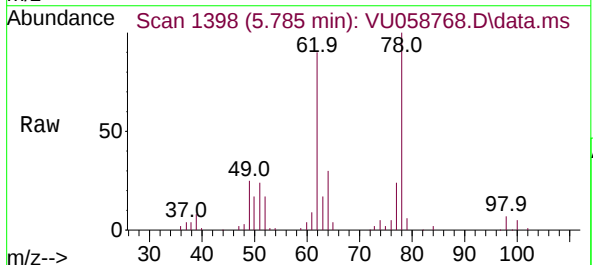
Acq: 22 Apr 2024 15:12

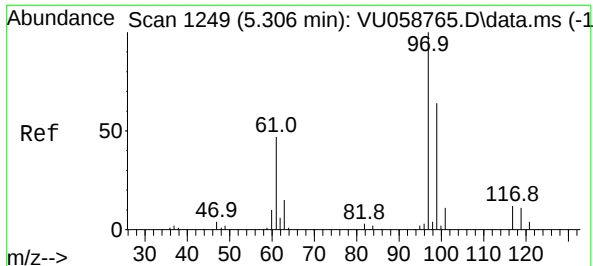
Tgt Ion: 62 Resp: 47499

Ion Ratio Lower Upper

62 100

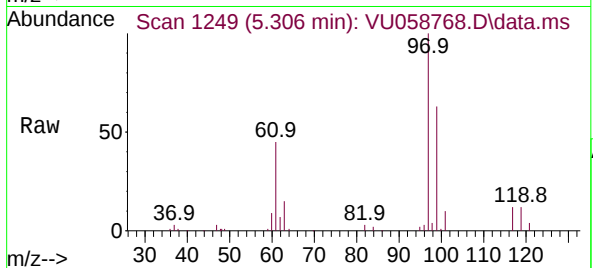
98 7.9 6.7 10.1



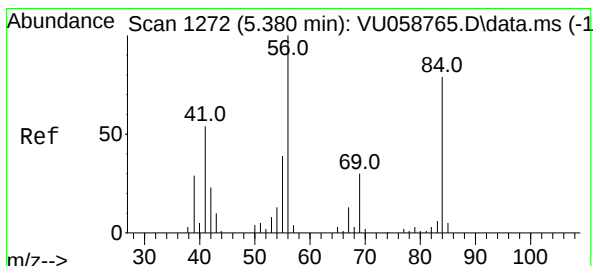
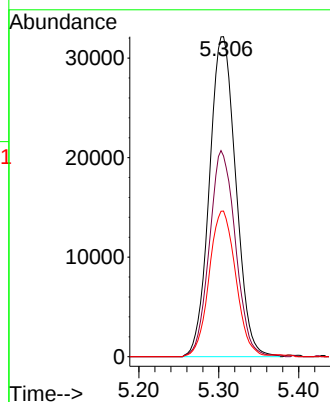
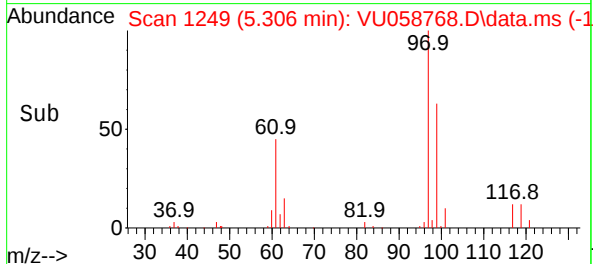


#29
1,1,1-Trichloroethane
Concen: 5.272 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

Instrument :
MSVOA_U
ClientSampleId :

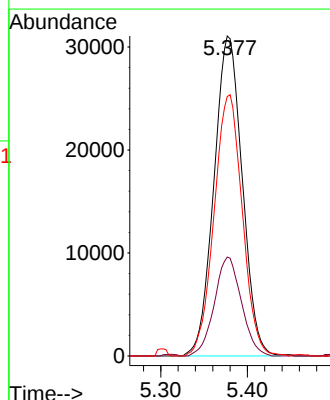
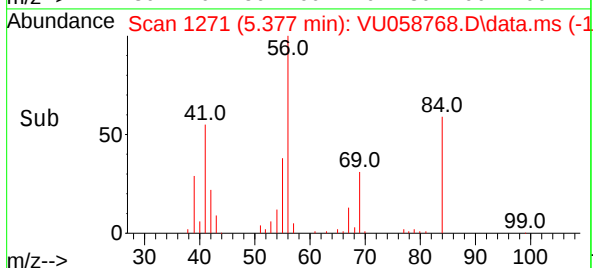
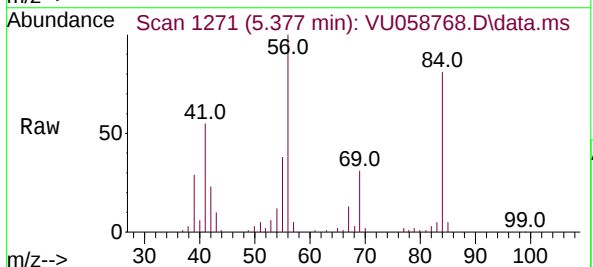


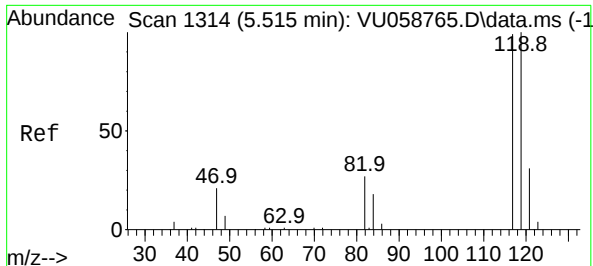
Tgt Ion: 97 Resp: 73779
Ion Ratio Lower Upper
97 100
99 63.8 50.5 75.7
61 45.8 37.3 55.9



#30
Cyclohexane
Concen: 5.329 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

Tgt Ion: 56 Resp: 70403
Ion Ratio Lower Upper
56 100
69 29.6 23.7 35.5
84 81.6 64.2 96.4

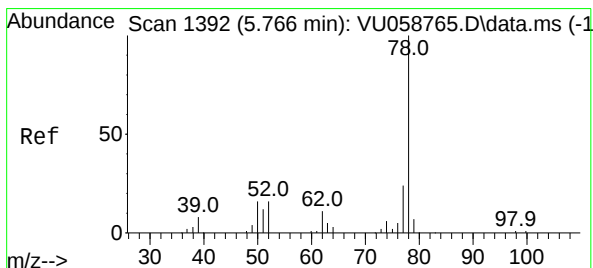
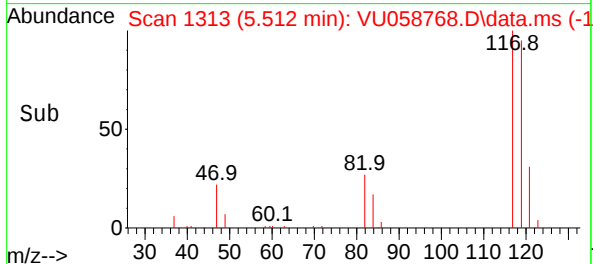
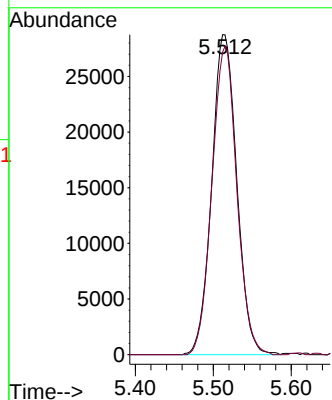
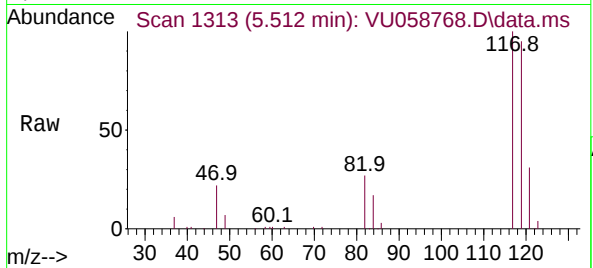




#31
Carbon tetrachloride
Concen: 5.200 ug/L
RT: 5.512 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

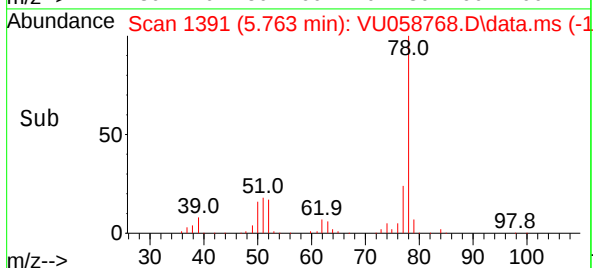
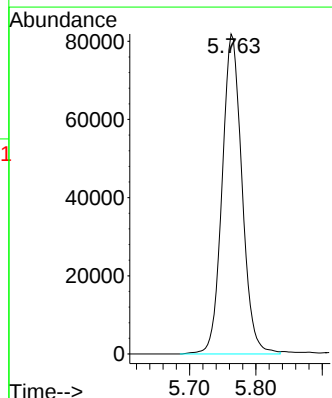
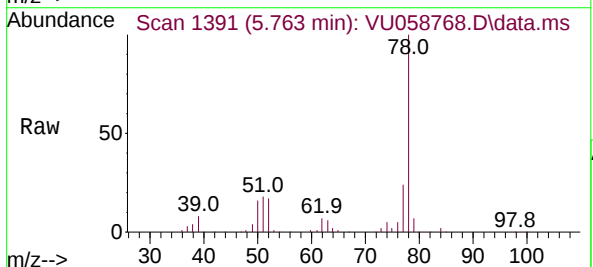
Instrument :
MSVOA_U
ClientSampleId :

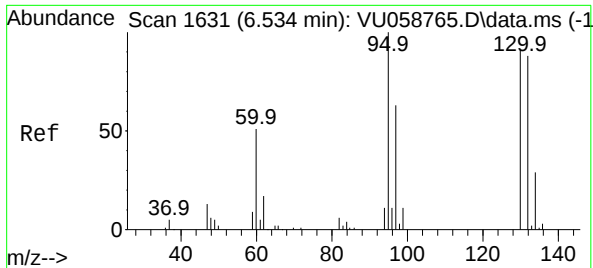
Tgt Ion:117 Resp: 64315
Ion Ratio Lower Upper
117 100
119 95.8 77.0 115.4



#33
Benzene
Concen: 5.253 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

Tgt Ion: 78 Resp: 170397

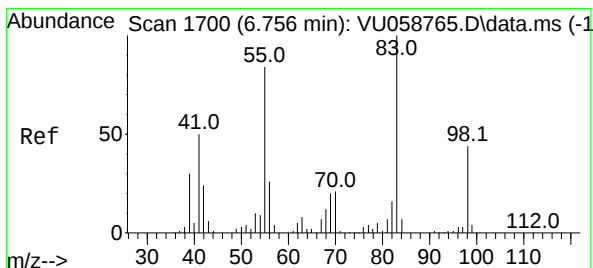
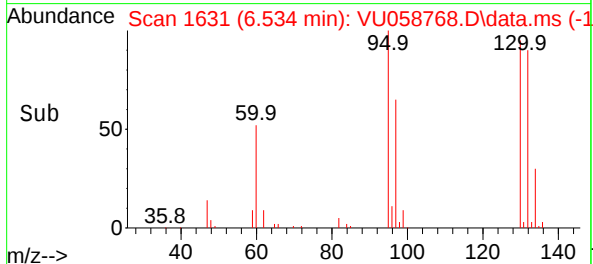
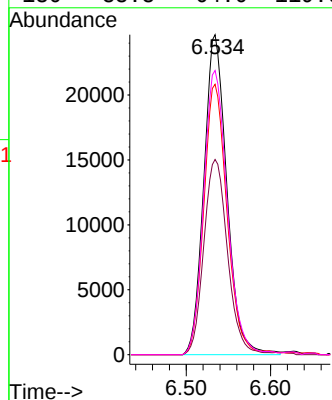
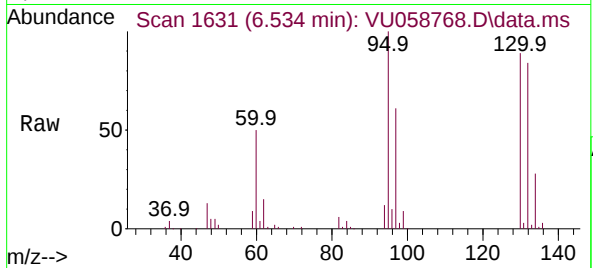




#34
Trichloroethene
Concen: 5.304 ug/L
RT: 6.534 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

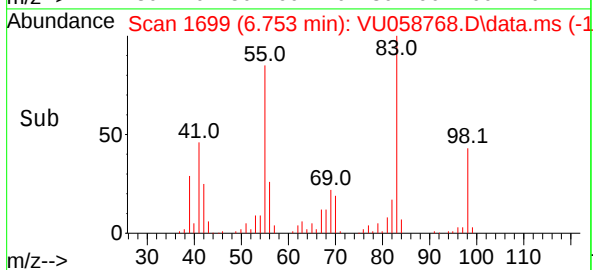
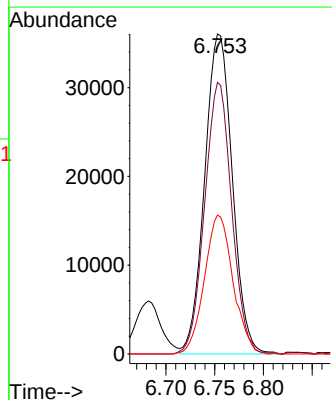
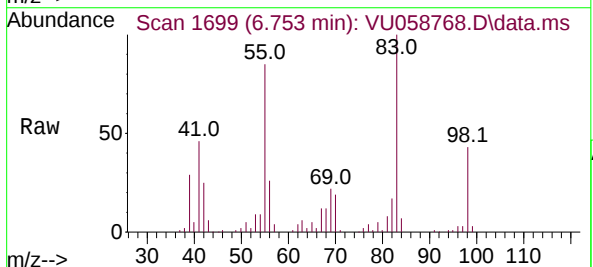
Instrument :
MSVOA_U
ClientSampleId :

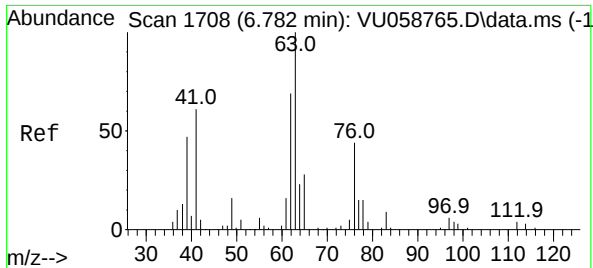
Tgt Ion: 95 Resp: 46817
Ion Ratio Lower Upper
95 100
97 61.0 44.4 82.4
132 84.5 61.6 114.4
130 88.8 64.0 119.0



#35
Methylcyclohexane
Concen: 5.311 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

Tgt Ion: 83 Resp: 71247
Ion Ratio Lower Upper
83 100
55 82.7 66.6 100.0
98 44.8 35.4 53.2

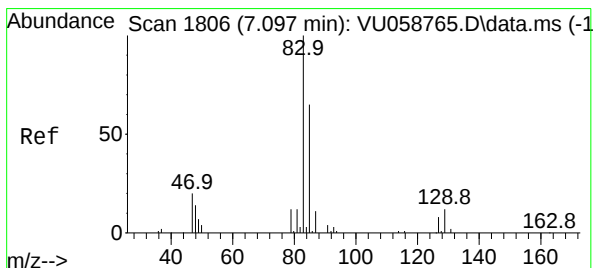
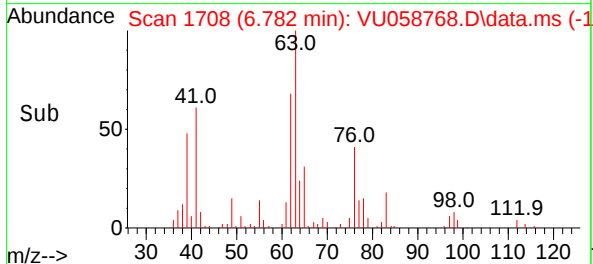
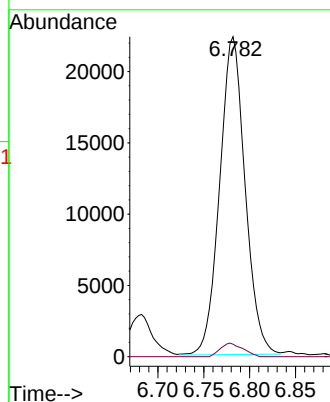
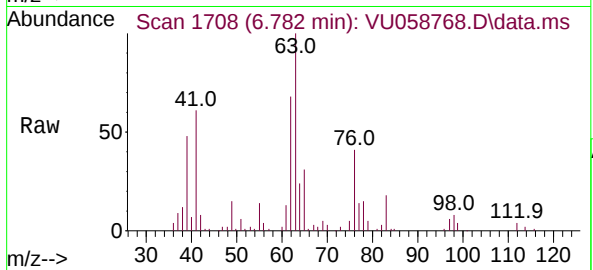




#37
1,2-Dichloropropane
Concen: 5.076 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

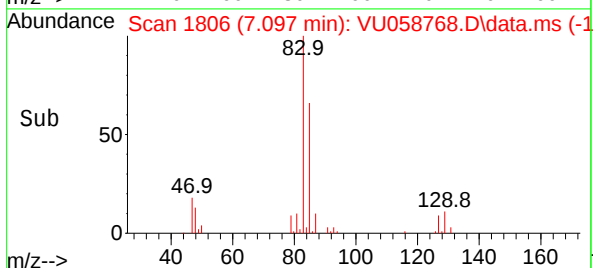
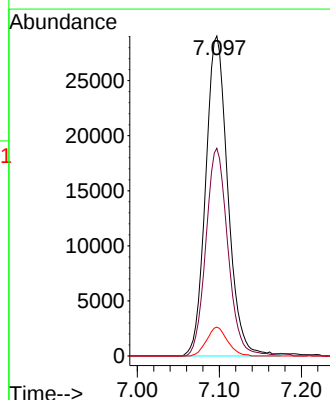
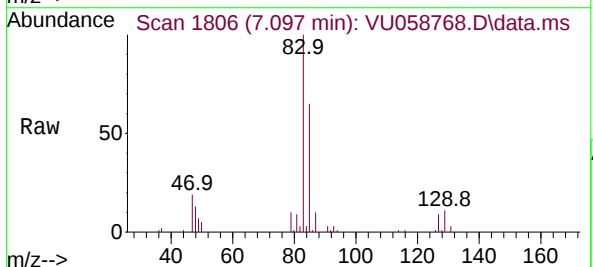
Instrument :
MSVOA_U
ClientSampleId :

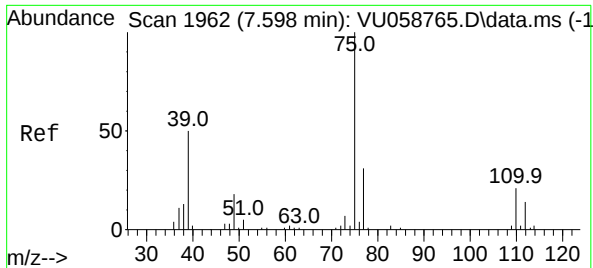
Tgt Ion: 63 Resp: 43015
Ion Ratio Lower Upper
63 100
112 3.8 2.8 4.2



#38
Bromodichloromethane
Concen: 5.195 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

Tgt Ion: 83 Resp: 54532
Ion Ratio Lower Upper
83 100
85 64.9 45.2 84.0
127 9.0 6.3 9.5

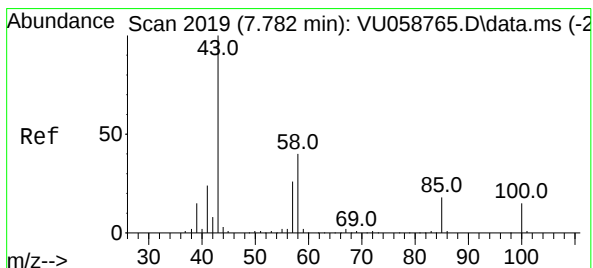
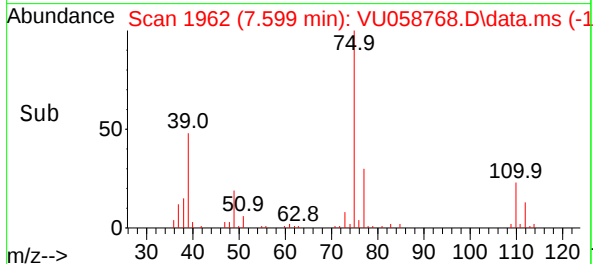
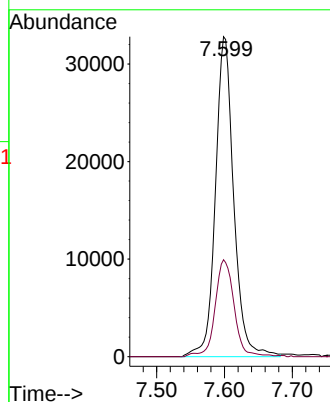
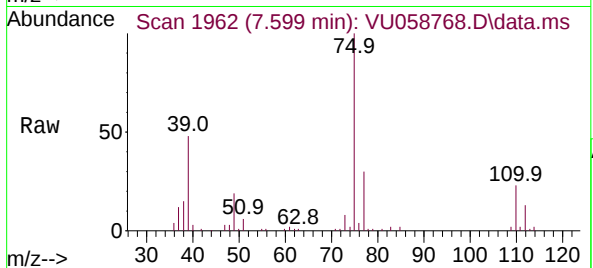




#39
cis-1,3-Dichloropropene
Concen: 5.245 ug/L
RT: 7.599 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

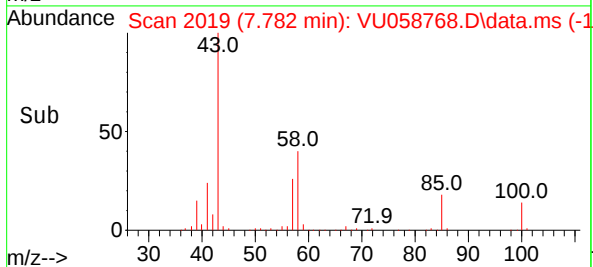
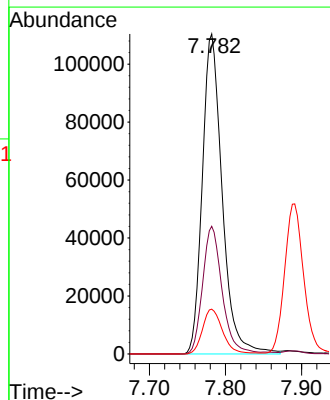
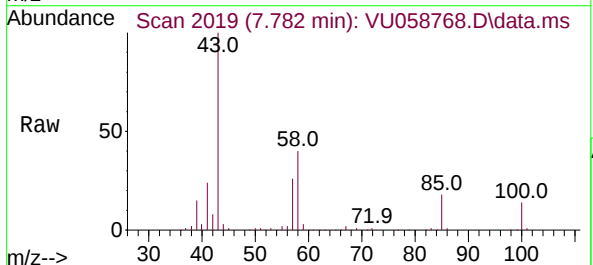
Instrument :
MSVOA_U
ClientSampleId :

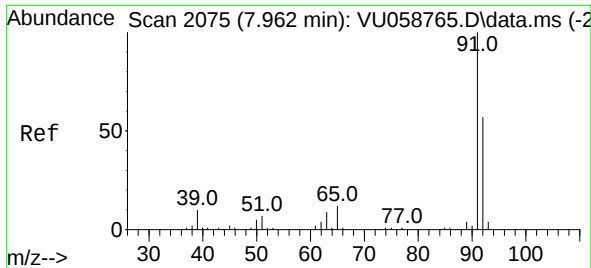
Tgt Ion: 75 Resp: 61535
Ion Ratio Lower Upper
75 100
77 30.3 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 53.622 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

Tgt Ion: 43 Resp: 200559
Ion Ratio Lower Upper
43 100
58 39.1 31.5 47.3
100 14.2 11.4 17.0





#42

Toluene

Concen: 5.337 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058768.D

Acq: 22 Apr 2024 15:12

Instrument :

MSVOA_U

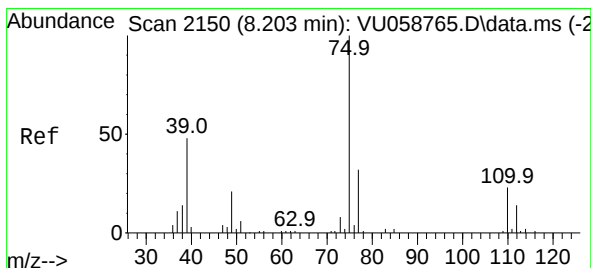
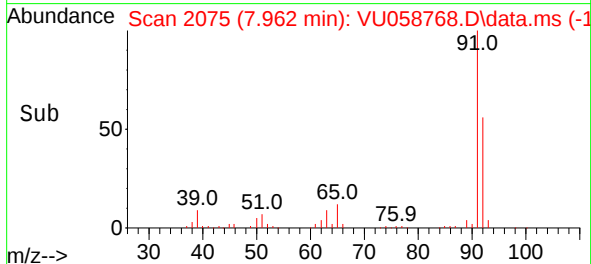
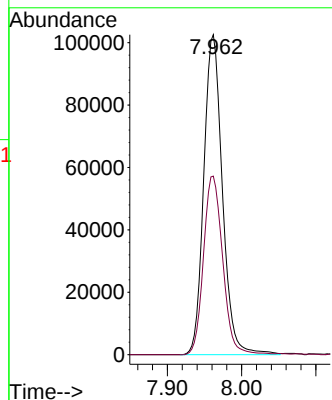
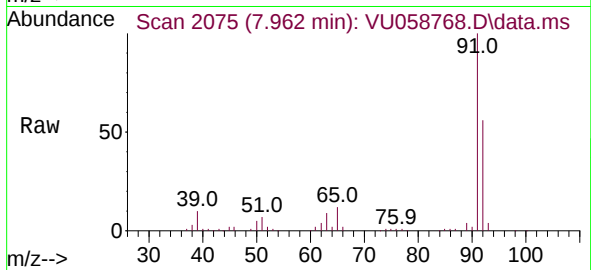
ClientSampleId :

Tgt Ion: 91 Resp: 178942

Ion Ratio Lower Upper

91 100

92 55.8 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 5.262 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU058768.D

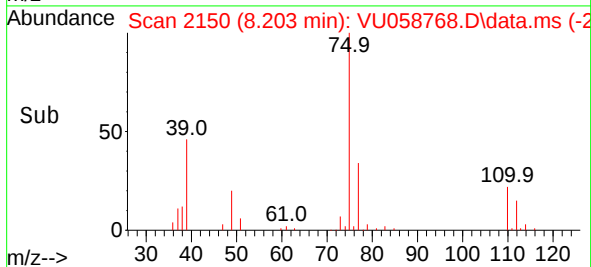
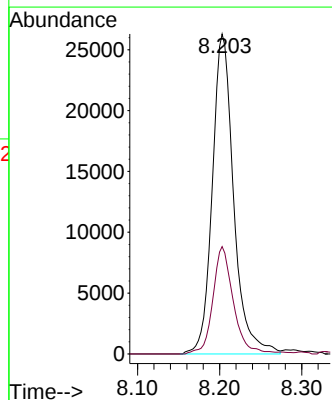
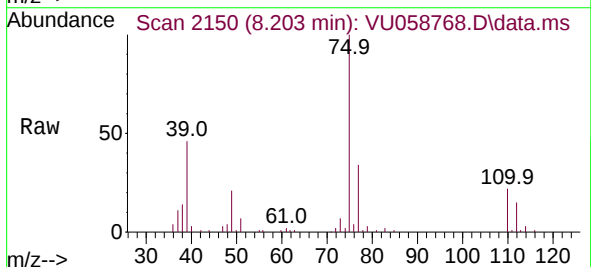
Acq: 22 Apr 2024 15:12

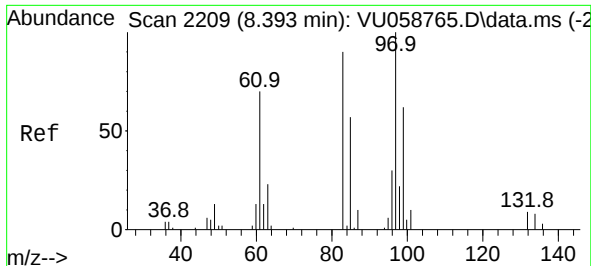
Tgt Ion: 75 Resp: 47525

Ion Ratio Lower Upper

75 100

77 33.6 22.1 41.1

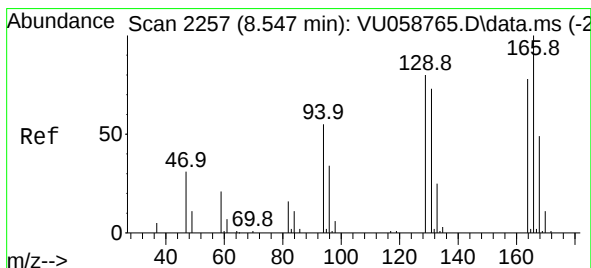
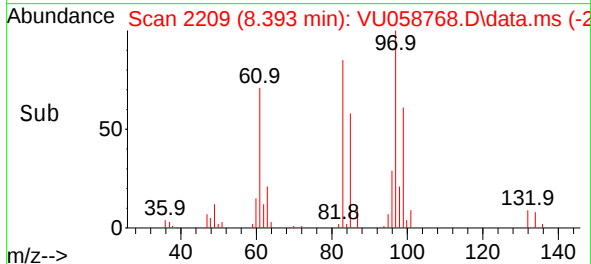
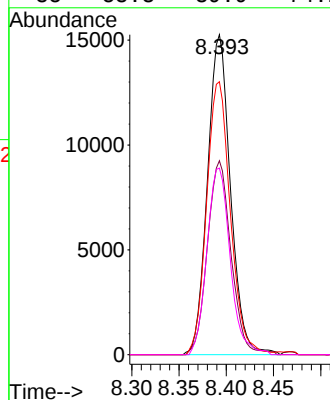
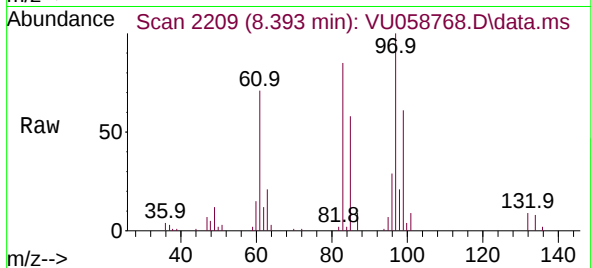




#45
1,1,2-Trichloroethane
Concen: 5.304 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

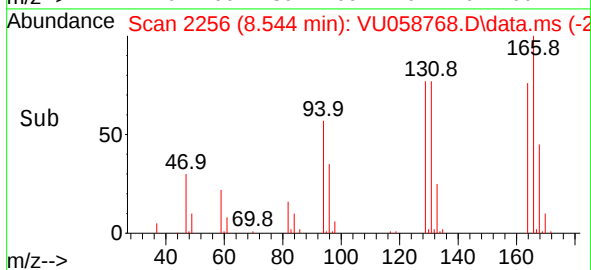
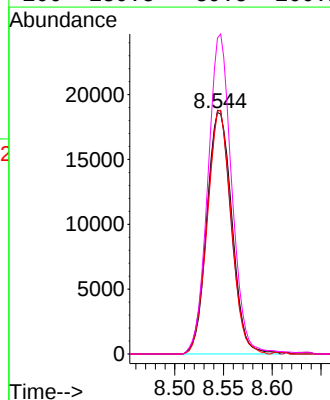
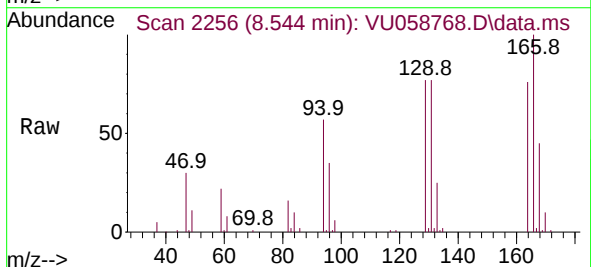
Instrument :
MSVOA_U
ClientSampleId :

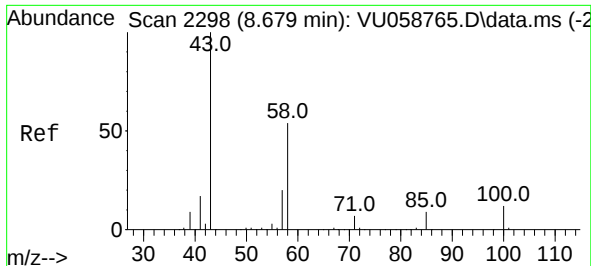
Tgt Ion:	97	Resp:	25861
Ion	Ratio	Lower	Upper
97	100		
99	60.6	43.7	81.1
83	85.3	62.9	116.9
85	58.3	39.9	74.1



#47
Tetrachloroethene
Concen: 5.376 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

Tgt Ion:	164	Resp:	33305
Ion	Ratio	Lower	Upper
164	100		
129	100.9	71.5	132.9
131	100.4	65.0	120.6
166	130.8	89.5	166.1





#48

2-Hexanone

Concen: 53.046 ug/L

RT: 8.676 min Scan# 2298

Delta R.T. -0.003 min

Lab File: VU058768.D

Acq: 22 Apr 2024 15:12

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 140940

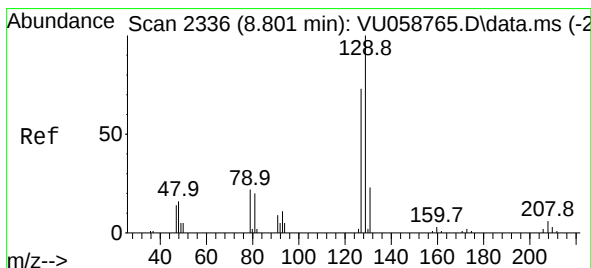
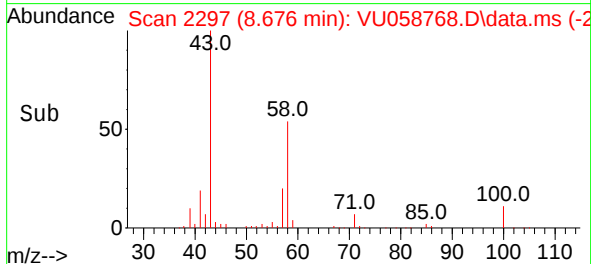
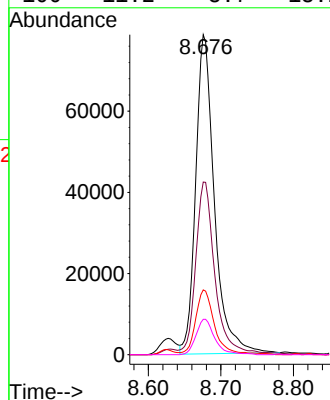
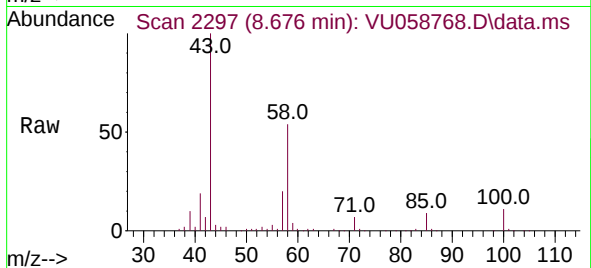
Ion Ratio Lower Upper

43 100

58 55.3 43.7 65.5

57 20.8 15.0 22.4

100 11.2 8.7 13.1



#49

Dibromochloromethane

Concen: 5.359 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU058768.D

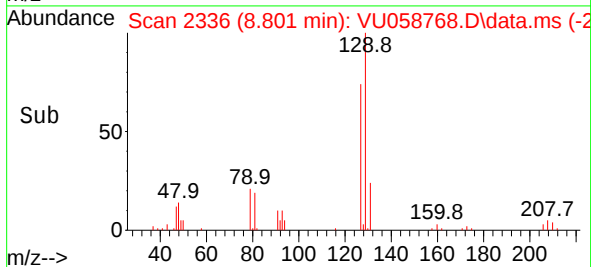
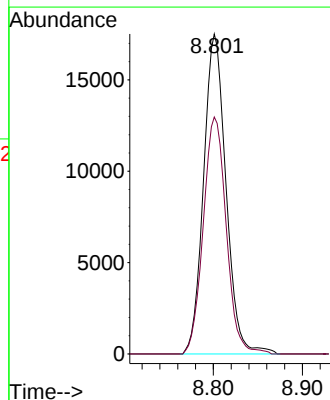
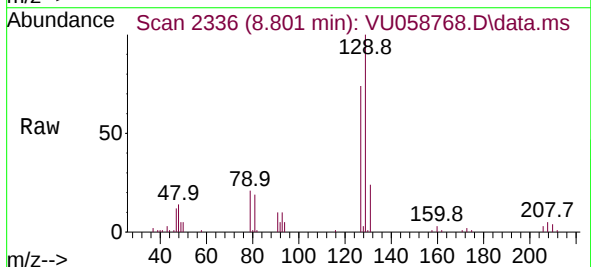
Acq: 22 Apr 2024 15:12

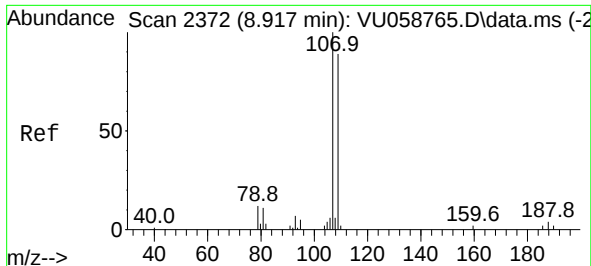
Tgt Ion:129 Resp: 30604

Ion Ratio Lower Upper

129 100

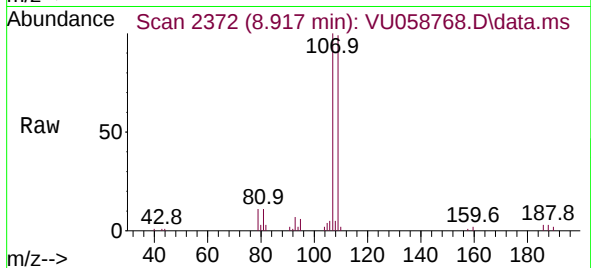
127 74.0 51.0 94.8



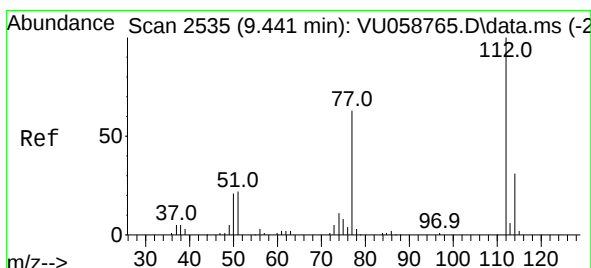
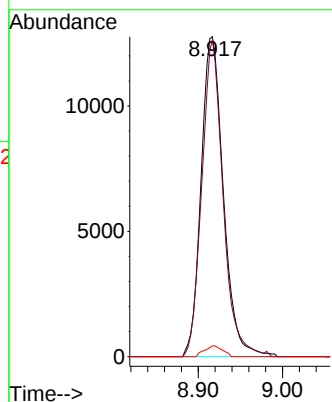
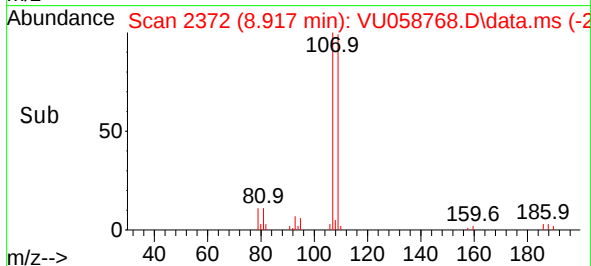


#50
1,2-Dibromoethane
Concen: 5.238 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

Instrument :
MSVOA_U
ClientSampleId :

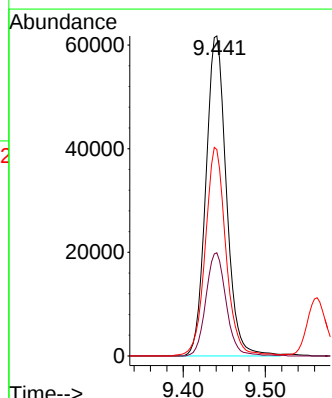
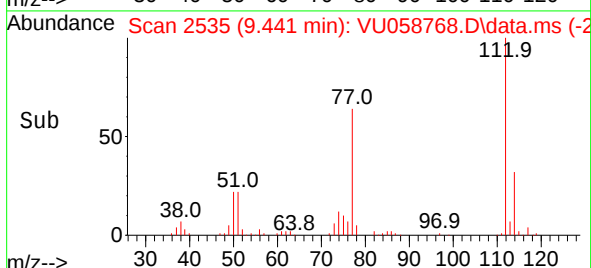
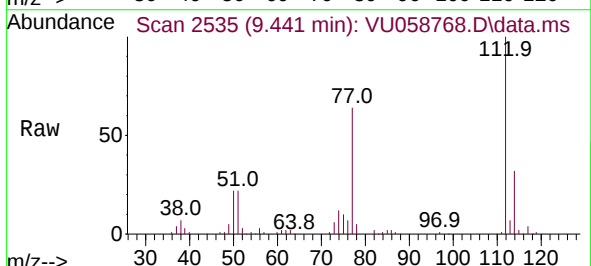


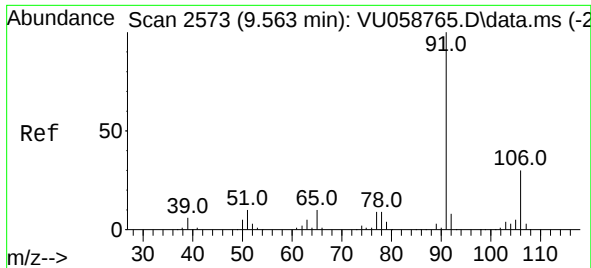
Tgt Ion:107 Resp: 23497
Ion Ratio Lower Upper
107 100
109 99.0 62.3 115.7
188 3.4 2.9 4.3



#51
Chlorobenzene
Concen: 5.263 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

Tgt Ion:112 Resp: 107510
Ion Ratio Lower Upper
112 100
114 32.2 21.7 40.3
77 64.5 50.5 75.7

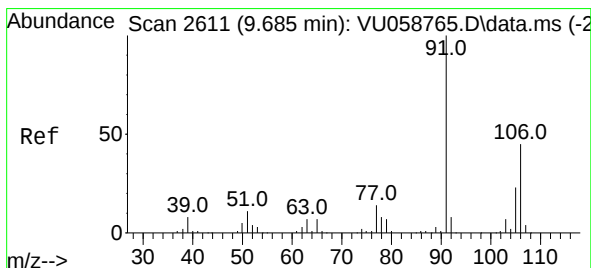
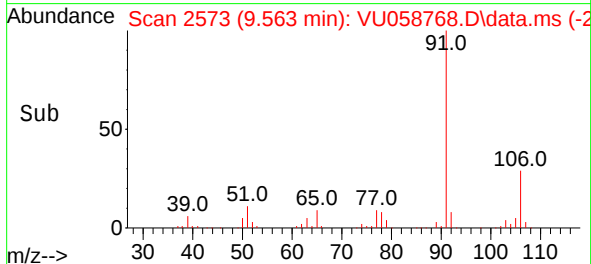
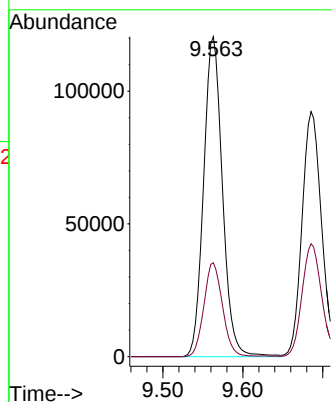
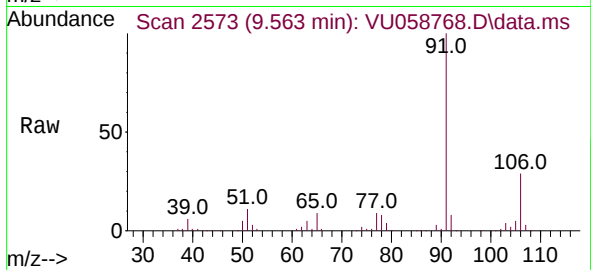




#52
Ethylbenzene
Concen: 5.347 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

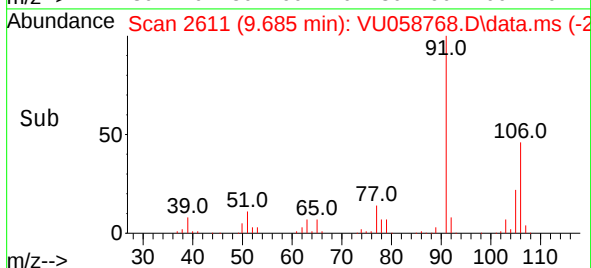
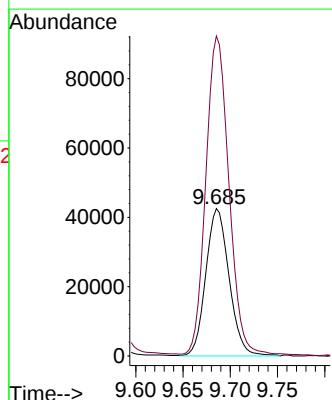
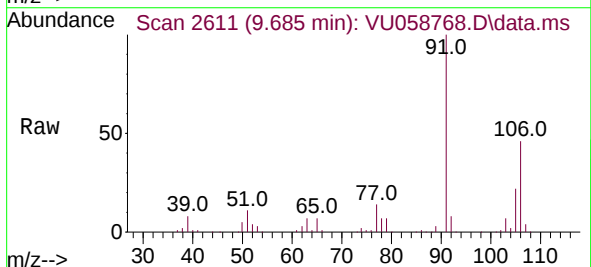
Instrument :
MSVOA_U
ClientSampleId :

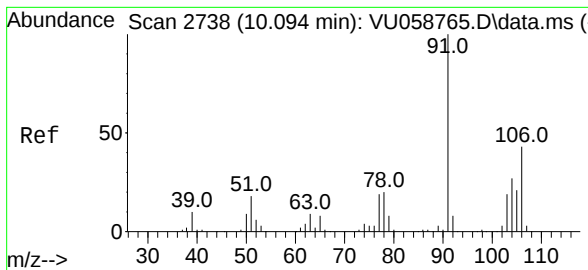
Tgt Ion: 91 Resp: 197733
Ion Ratio Lower Upper
91 100
106 29.4 20.9 38.9



#53
m,p-Xylene
Concen: 5.371 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

Tgt Ion:106 Resp: 72948
Ion Ratio Lower Upper
106 100
91 217.1 155.1 288.1

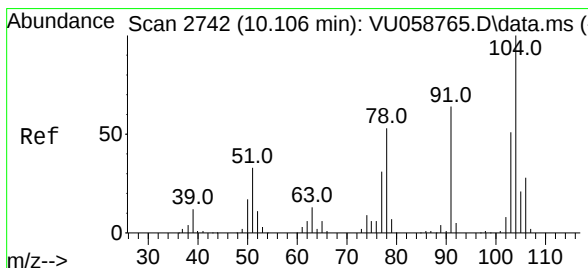
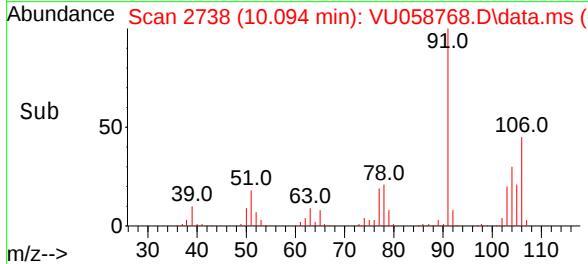
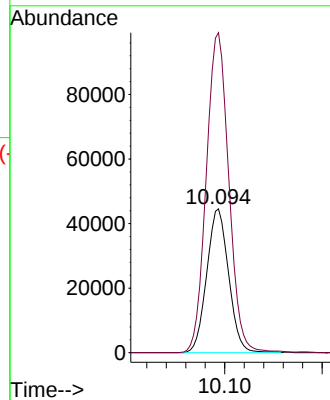
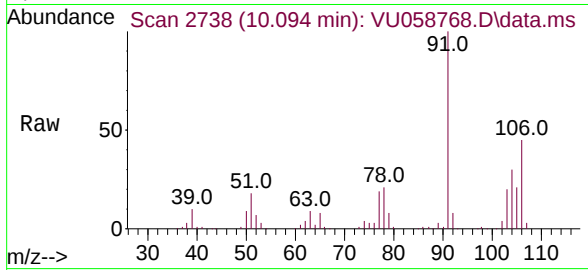




#54
o-Xylene
Concen: 5.400 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

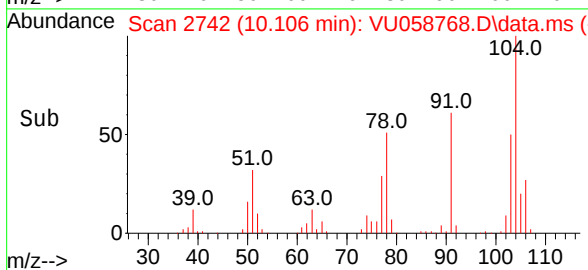
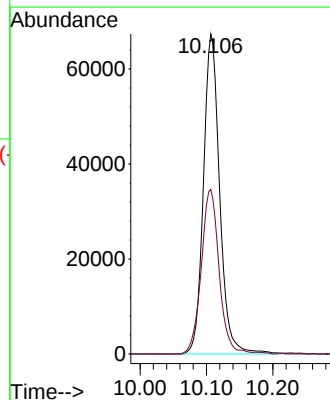
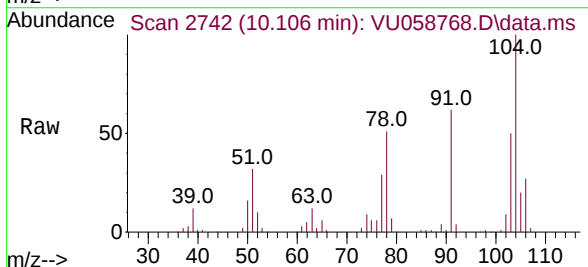
Instrument :
MSVOA_U
ClientSampleId :

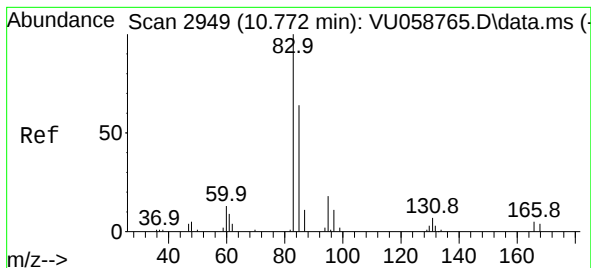
Tgt Ion:106 Resp: 69529
Ion Ratio Lower Upper
106 100
91 222.4 163.7 304.1



#55
Styrene
Concen: 5.475 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

Tgt Ion:104 Resp: 114838
Ion Ratio Lower Upper
104 100
78 51.4 37.1 68.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.145 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU058768.D

Acq: 22 Apr 2024 15:12

Instrument :

MSVOA_U

ClientSampleId :

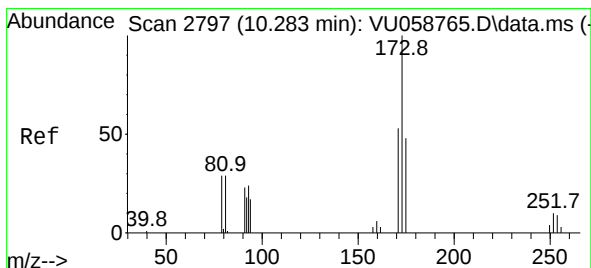
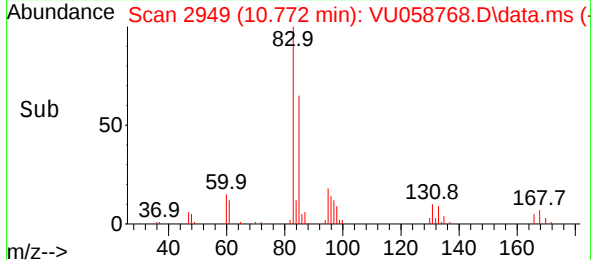
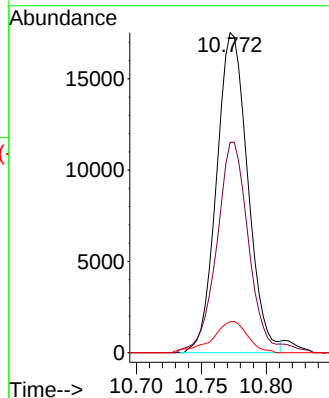
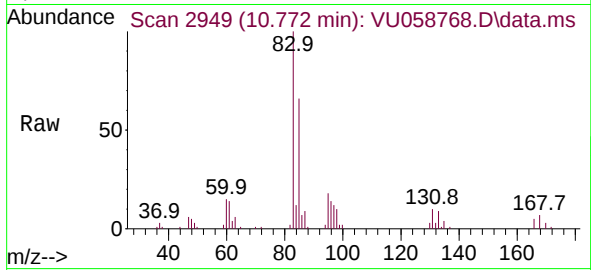
Tgt Ion: 83 Resp: 29234

Ion Ratio Lower Upper

83 100

85 65.8 44.6 82.8

131 9.7 6.7 10.1



#59

Bromoform

Concen: 5.199 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU058768.D

Acq: 22 Apr 2024 15:12

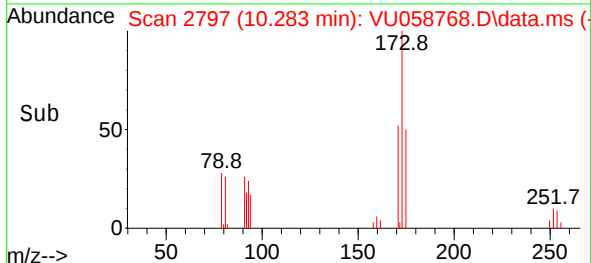
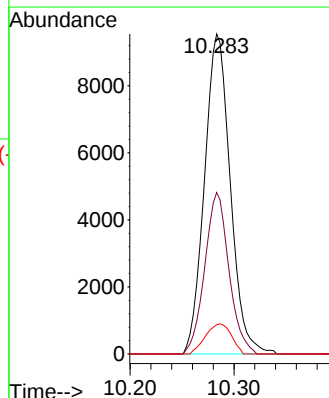
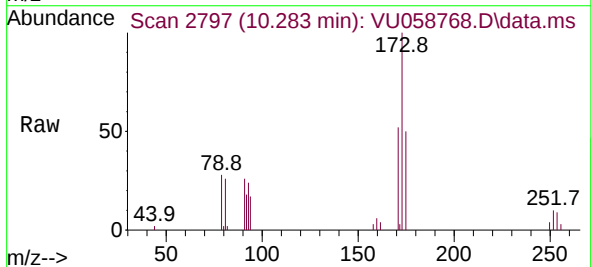
Tgt Ion:173 Resp: 16473

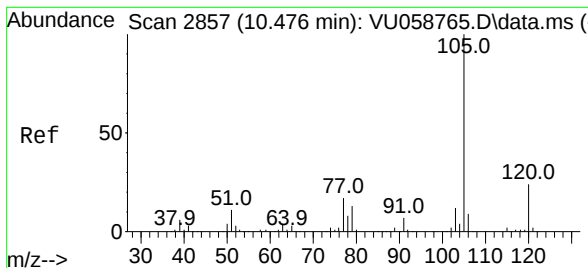
Ion Ratio Lower Upper

173 100

175 47.3 39.3 58.9

254 9.4 7.5 11.3





#60

Isopropylbenzene

Concen: 5.371 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU058768.D

Acq: 22 Apr 2024 15:12

Instrument :

MSVOA_U

ClientSampleId :

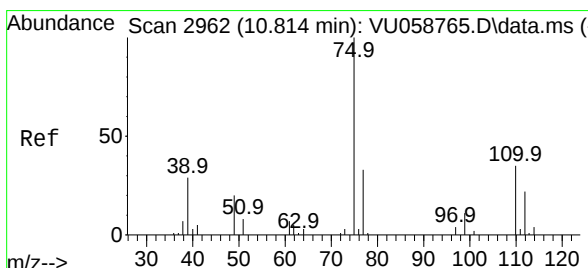
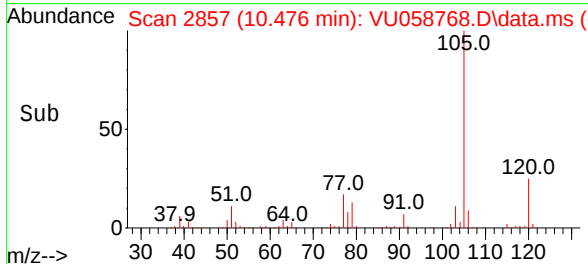
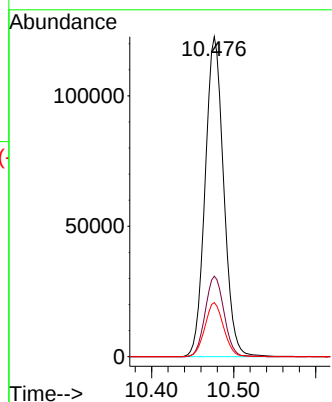
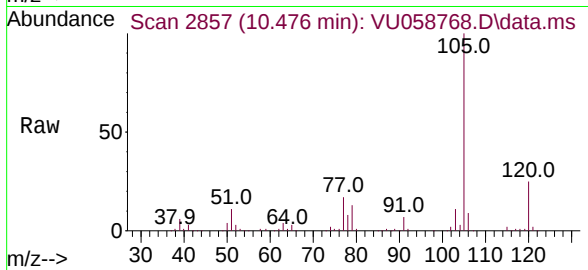
Tgt Ion:105 Resp: 192747

Ion Ratio Lower Upper

105 100

120 25.5 19.6 29.4

77 17.1 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 5.295 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.003 min

Lab File: VU058768.D

Acq: 22 Apr 2024 15:12

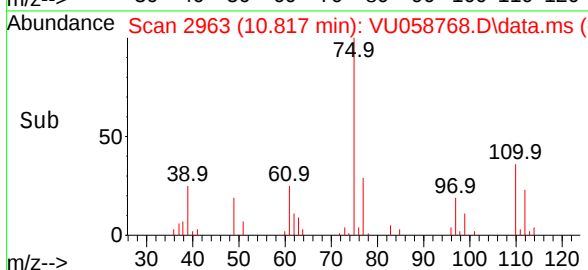
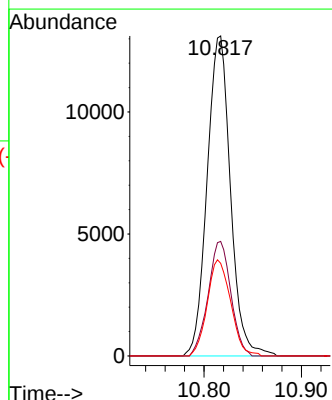
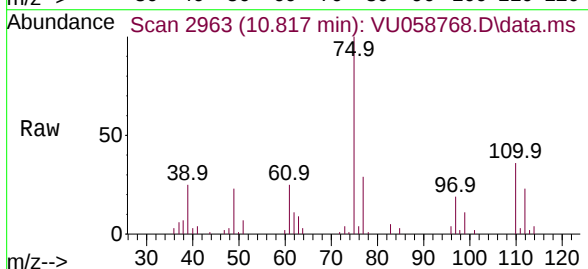
Tgt Ion: 75 Resp: 21801

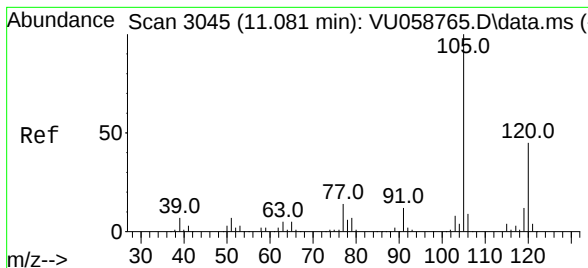
Ion Ratio Lower Upper

75 100

110 34.8 28.6 43.0

77 30.2 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.427 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU058768.D

Acq: 22 Apr 2024 15:12

Instrument :

MSVOA_U

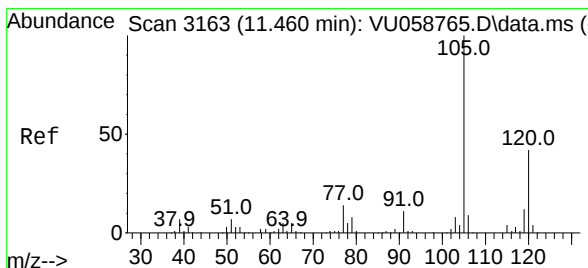
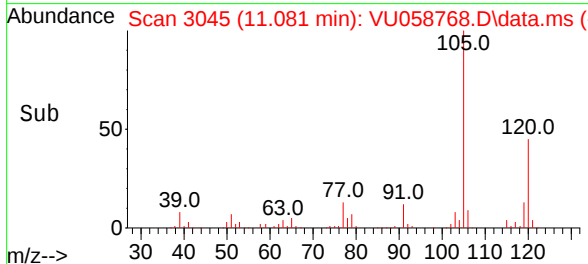
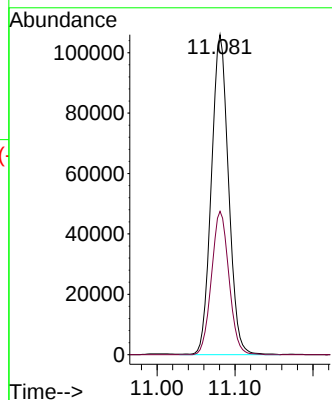
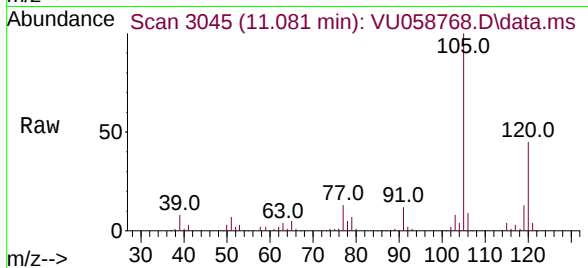
ClientSampleId :

Tgt Ion:105 Resp: 162068

Ion Ratio Lower Upper

105 100

120 45.5 36.2 54.4



#63

1,2,4-Trimethylbenzene

Concen: 5.529 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU058768.D

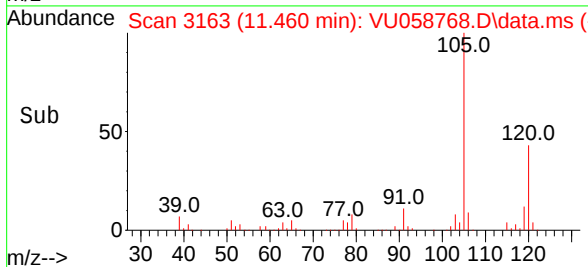
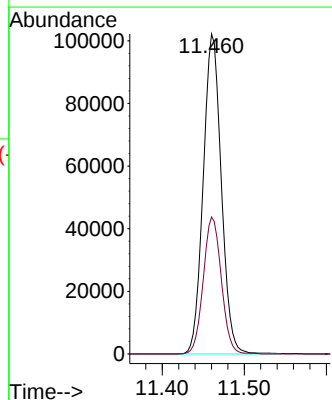
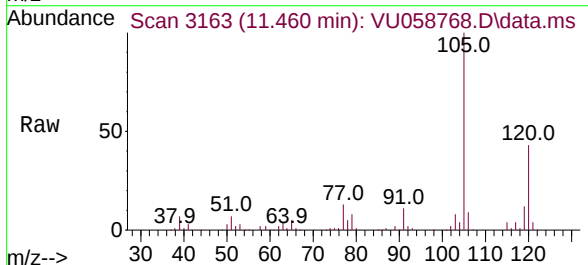
Acq: 22 Apr 2024 15:12

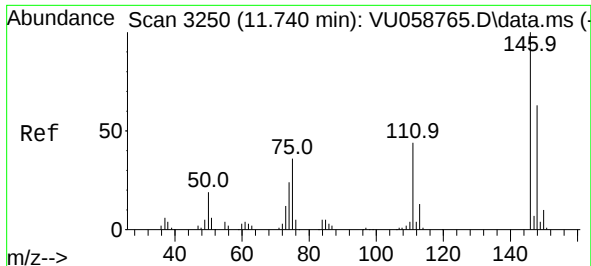
Tgt Ion:105 Resp: 156229

Ion Ratio Lower Upper

105 100

120 42.7 33.4 50.0

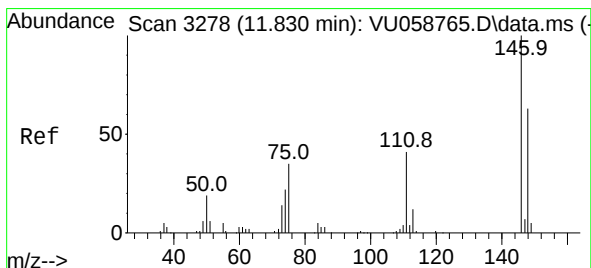
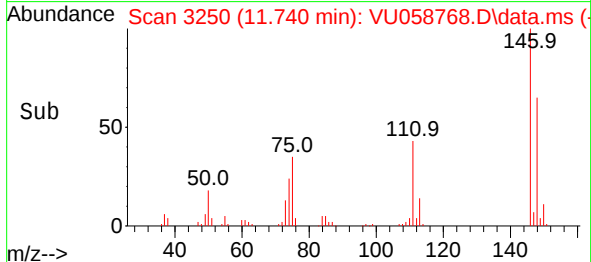
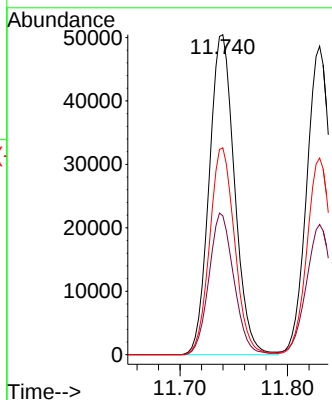
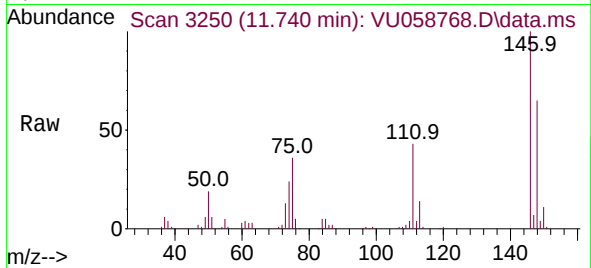




#64
1,3-Dichlorobenzene
Concen: 5.353 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

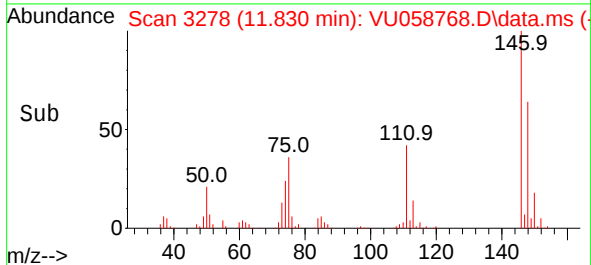
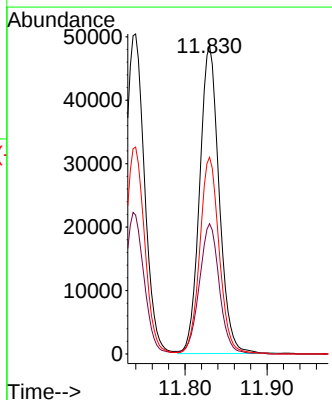
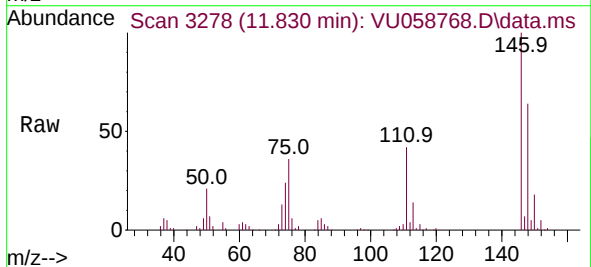
Instrument :
MSVOA_U
ClientSampleId :

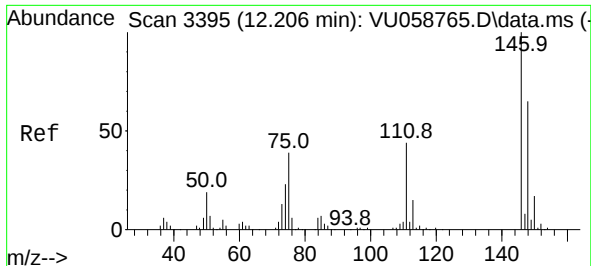
Tgt Ion:146 Resp: 82789
Ion Ratio Lower Upper
146 100
111 43.4 30.9 57.3
148 64.7 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 5.305 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

Tgt Ion:146 Resp: 80057
Ion Ratio Lower Upper
146 100
111 42.2 29.3 54.3
148 63.7 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.379 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

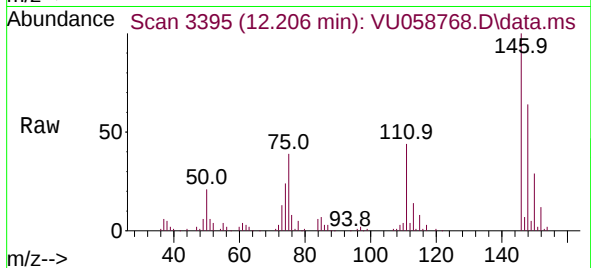
Lab File: VU058768.D

Acq: 22 Apr 2024 15:12

Instrument :

MSVOA_U

ClientSampleId :



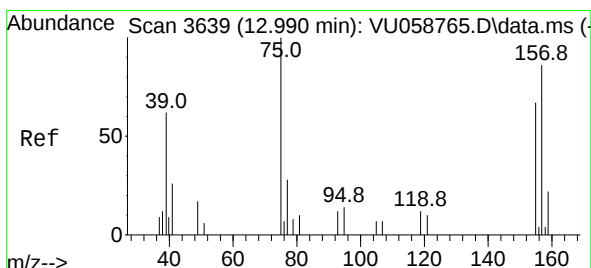
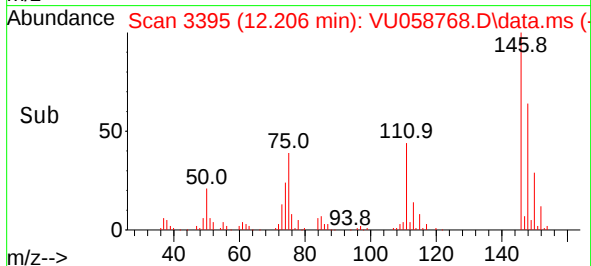
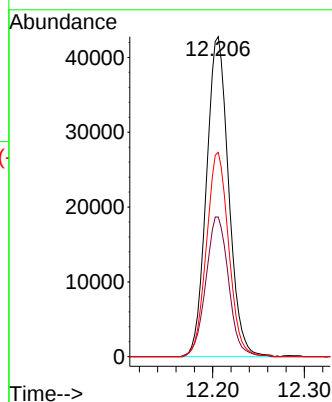
Tgt Ion:146 Resp: 72026

Ion Ratio Lower Upper

146 100

111 43.7 35.7 53.5

148 63.9 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 6.490 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU058768.D

Acq: 22 Apr 2024 15:12

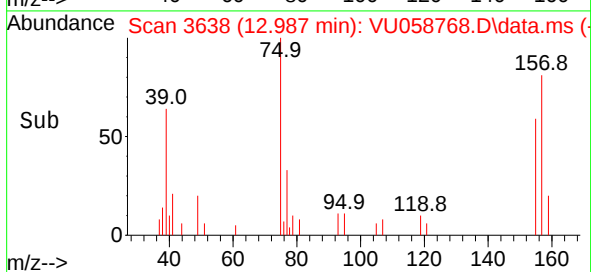
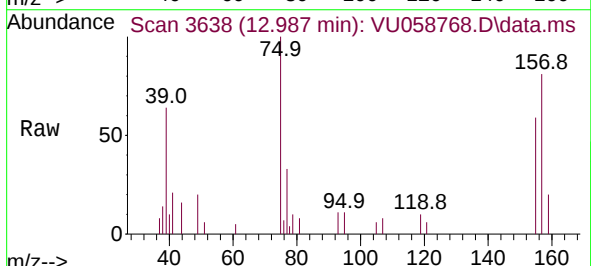
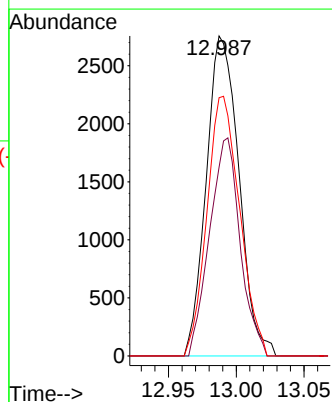
Tgt Ion: 75 Resp: 4618

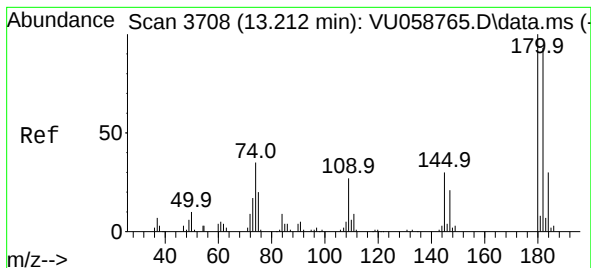
Ion Ratio Lower Upper

75 100

155 59.0 53.6 80.4

157 80.7 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 5.454 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.000 min

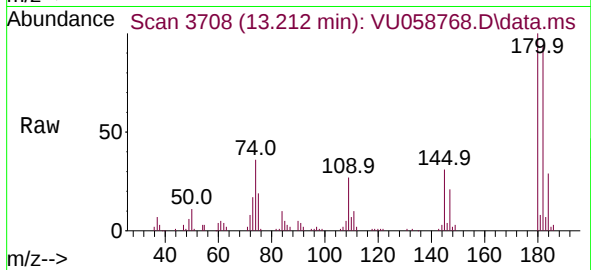
Lab File: VU058768.D

Acq: 22 Apr 2024 15:12

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 60351

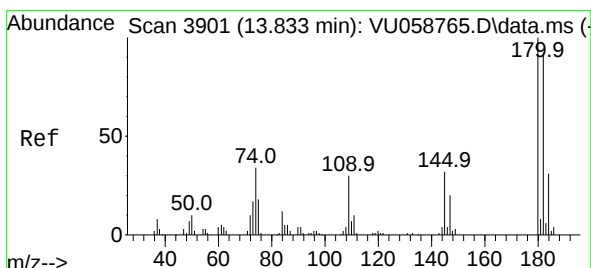
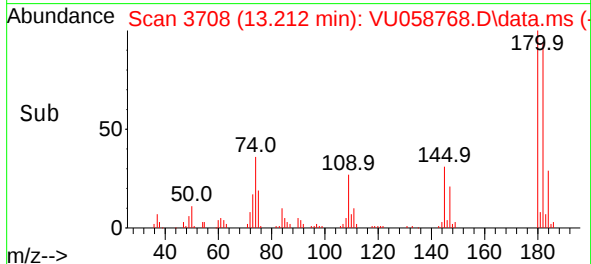
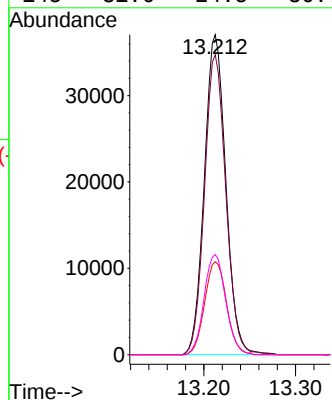
Ion Ratio Lower Upper

180 100

182 93.2 75.9 113.9

184 29.6 24.7 37.1

145 31.6 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 5.390 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU058768.D

Acq: 22 Apr 2024 15:12

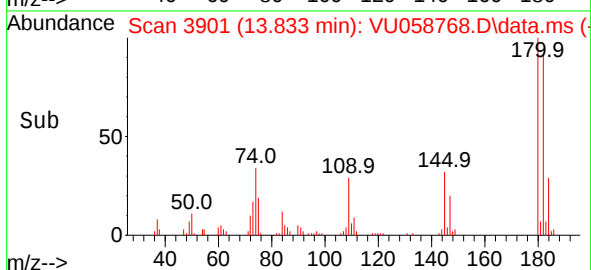
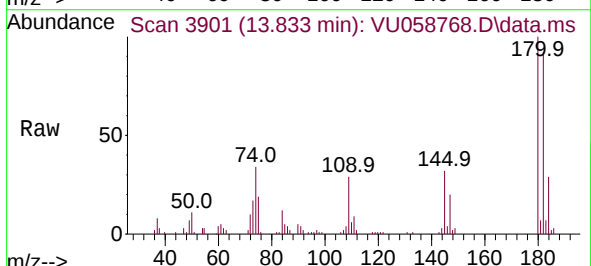
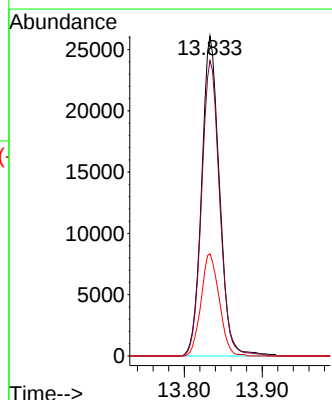
Tgt Ion:180 Resp: 41462

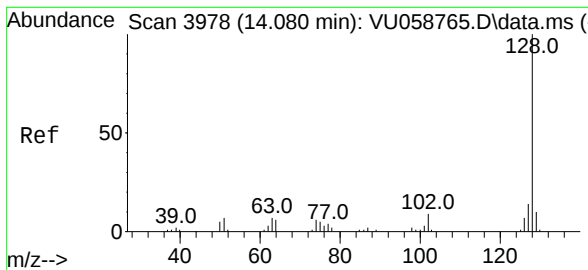
Ion Ratio Lower Upper

180 100

182 93.6 75.9 113.9

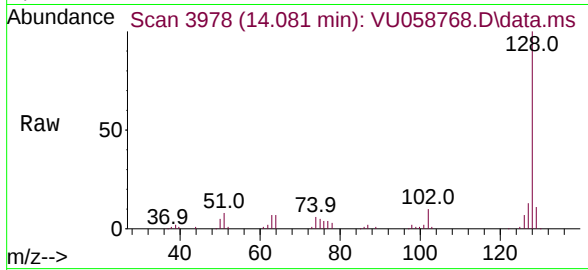
145 32.5 25.7 38.5



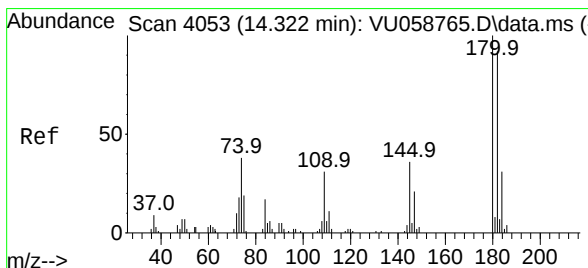
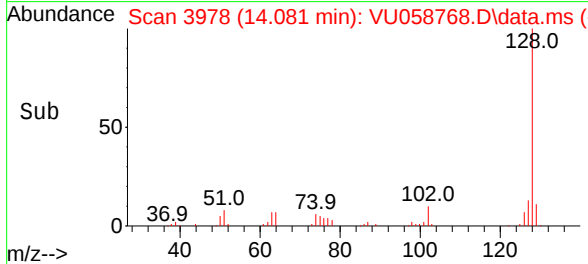
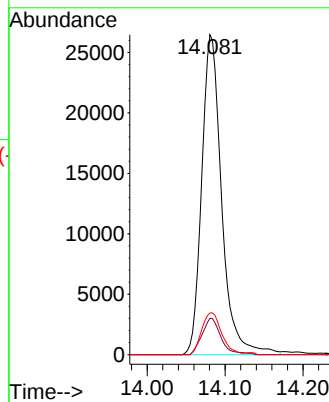


#71
Naphthalene
Concen: 5.062 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 47103
Ion Ratio Lower Upper
128 100
129 10.8 8.2 12.4
127 13.1 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.353 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU058768.D
Acq: 22 Apr 2024 15:12

Tgt Ion:180 Resp: 32630
Ion Ratio Lower Upper
180 100
182 94.6 75.0 112.6
145 35.0 27.6 41.4

