

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058381.D
 Acq On : 04 Apr 2024 20:49
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 23:57:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 23:51:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	81146	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	77779	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	38787	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	30224	5.626	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 112.600%	
7) Chloroethane-d5	1.908	69	25883	5.544	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 110.800%	
11) 1,1-Dichloroethene-d2	2.560	65	13856	5.698	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 114.000%	
20) 2-Butanone-d5	4.628	46	65576	57.920	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 115.840%	
24) Chloroform-d	5.052	84	60506	5.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 112.800%	
26) 1,2-Dichloroethane-d4	5.692	65	28365	5.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 113.400%	
32) Benzene-d6	5.718	84	119188	5.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 113.800%	
36) 1,2-Dichloropropane-d6	6.682	67	36896	5.618	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 112.400%	
41) Toluene-d8	7.891	98	107810	5.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 116.200%	
43) trans-1,3-Dichloroprop...	8.174	79	11395	5.590	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 111.800%	
46) 2-Hexanone-d5	8.628	63	47531	56.533	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 113.060%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	24499	5.285	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 105.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	33636	5.149	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 103.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	36166	5.347	ug/L	98
3) Chloromethane	1.515	50	42501	5.135	ug/L	99
5) Vinyl chloride	1.599	62	43868	5.306	ug/L	99
6) Bromomethane	1.853	94	20694	5.291	ug/L	98
8) Chloroethane	1.927	64	27084	5.186	ug/L	100
9) Trichlorofluoromethane	2.133	101	57946	5.308	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	34518	5.321	ug/L	98
12) 1,1-Dichloroethene	2.573	96	30755	5.348	ug/L	97
13) Acetone	2.647	43	46075	47.681	ug/L	99
14) Carbon disulfide	2.785	76	95490	5.227	ug/L	98
15) Methyl Acetate	2.953	43	12394	5.436	ug/L	99
16) Methylene chloride	3.036	84	43064	5.642	ug/L	96
17) Methyl tert-butyl Ether	3.351	73	71541	5.267	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	32435	5.381	ug/L	97
19) 1,1-Dichloroethane	3.856	63	69874	5.311	ug/L	99
21) 2-Butanone	4.708	43	72494	50.192	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	36191	5.347	ug/L	98
23) Bromochloromethane	4.965	128	14776	5.541	ug/L	98
25) Chloroform	5.078	83	68936	5.414	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058381.D
 Acq On : 04 Apr 2024 20:49
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 23:57:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 23:51:05 2024
 Response via : Initial Calibration

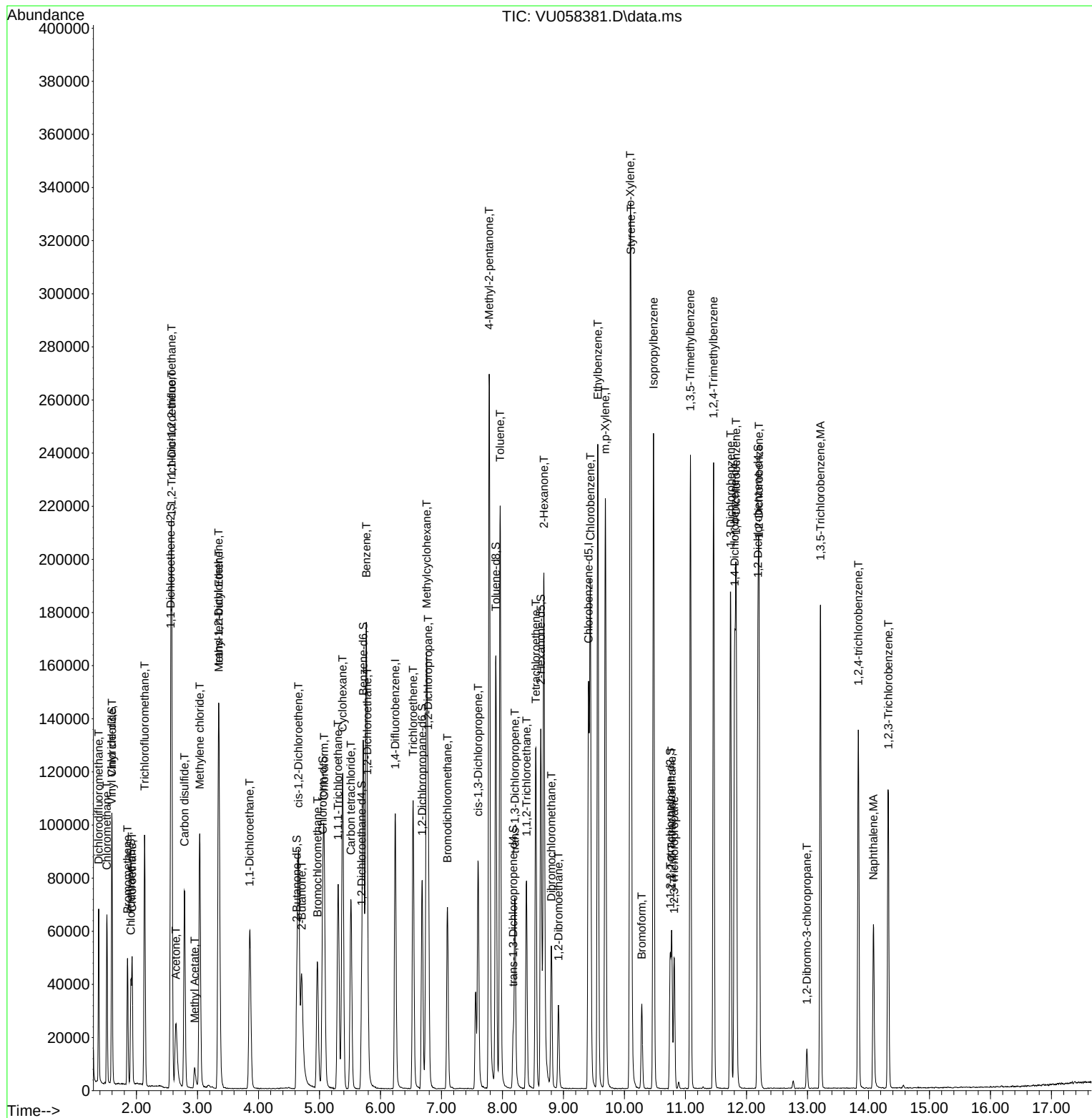
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	40464	5.219	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	55319	5.305	ug/L	99
30) Cyclohexane	5.377	56	58680	5.328	ug/L	99
31) Carbon tetrachloride	5.515	117	47781	5.410	ug/L	100
33) Benzene	5.766	78	150293	5.331	ug/L	100
34) Trichloroethene	6.534	95	37258	5.242	ug/L	98
35) Methylcyclohexane	6.756	83	57362	5.357	ug/L	99
37) 1,2-Dichloropropane	6.782	63	40247	5.426	ug/L	100
38) Bromodichloromethane	7.097	83	44162	5.216	ug/L	96
39) cis-1,3-Dichloropropene	7.599	75	51123	5.420	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	186050	53.285	ug/L	99
42) Toluene	7.962	91	157302	5.319	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	40732	5.475	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	23673	5.464	ug/L	98
47) Tetrachloroethene	8.547	164	27046	5.191	ug/L	99
48) 2-Hexanone	8.679	43	133233	53.751	ug/L	99
49) Dibromochloromethane	8.801	129	26743	5.339	ug/L	97
50) 1,2-Dibromoethane	8.917	107	21082	5.321	ug/L	97
51) Chlorobenzene	9.441	112	95669	5.346	ug/L	99
52) Ethylbenzene	9.563	91	168626	5.382	ug/L	97
53) m,p-Xylene	9.685	106	60785	5.418	ug/L	98
54) o-Xylene	10.094	106	60217	5.475	ug/L	99
55) Styrene	10.107	104	98737	5.580	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	28998	5.426	ug/L	98
59) Bromoform	10.283	173	13720	5.294	ug/L	98
60) Isopropylbenzene	10.476	105	154901	5.455	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	20504	5.181	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	125880	5.436	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	127592	5.396	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	73891	5.357	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	69592	5.179	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	65418	5.214	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	4044	6.026	ug/L	95
69) 1,3,5-Trichlorobenzene	13.213	180	53499	5.245	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	39954	5.080	ug/L	97
71) Naphthalene	14.081	128	51999	4.825	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	33198	5.111	ug/L	99

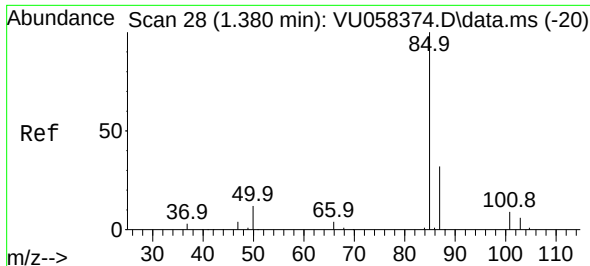
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
Data File : VU058381.D
Acq On : 04 Apr 2024 20:49
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

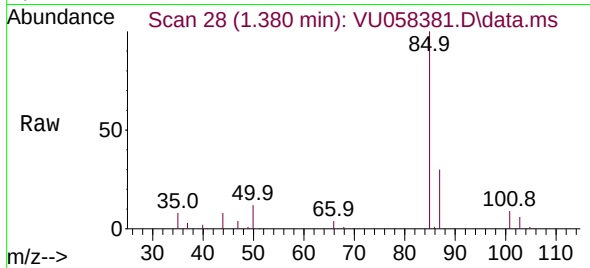
Quant Time: Apr 04 23:57:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 04 23:51:05 2024
Response via : Initial Calibration



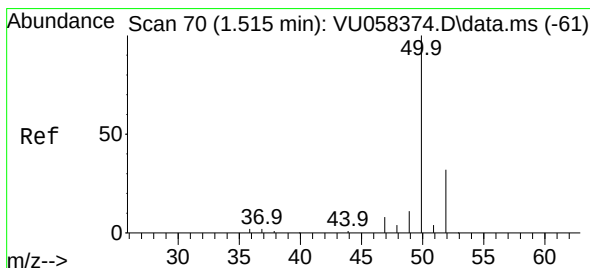
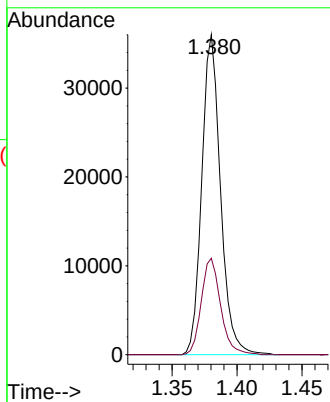
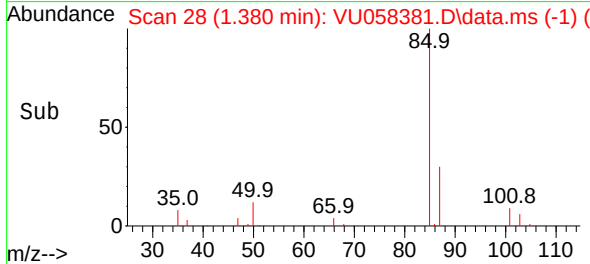


#2
 Dichlorodifluoromethane
 Concen: 5.347 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU058381.D
 Acq: 04 Apr 2024 20:49

Instrument :
 MSVOA_U
 ClientSampleId :

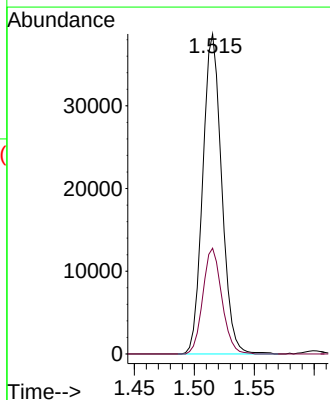
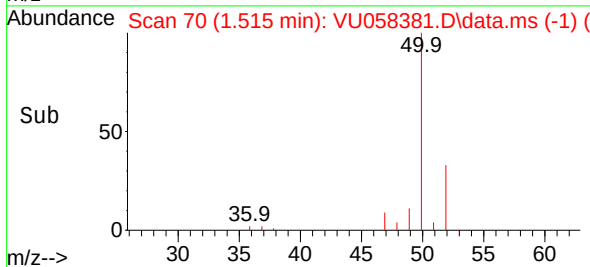
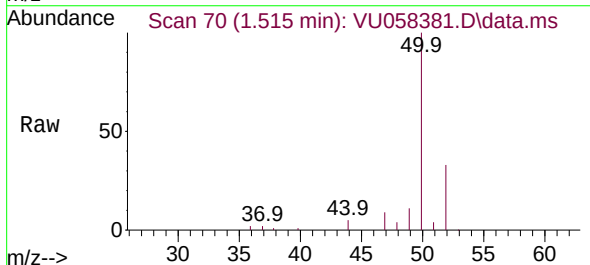


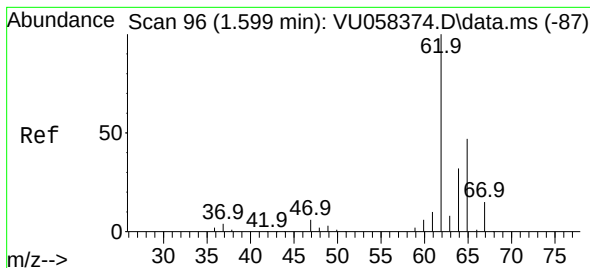
Tgt Ion: 85 Resp: 36166
 Ion Ratio Lower Upper
 85 100
 87 31.1 25.9 38.9



#3
 Chloromethane
 Concen: 5.135 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU058381.D
 Acq: 04 Apr 2024 20:49

Tgt Ion: 50 Resp: 42501
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.6 42.0





#5

Vinyl chloride

Concen: 5.306 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU058381.D

Acq: 04 Apr 2024 20:49

Instrument :

MSVOA_U

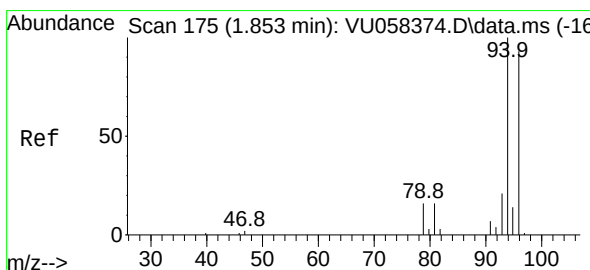
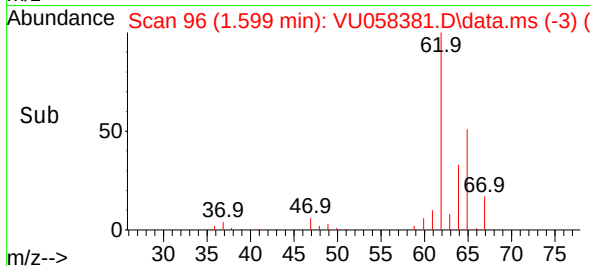
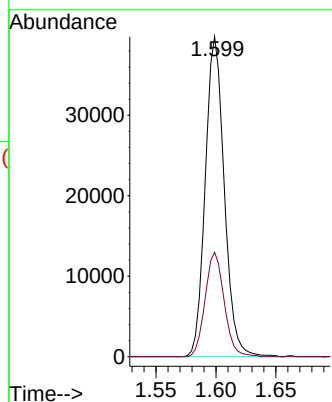
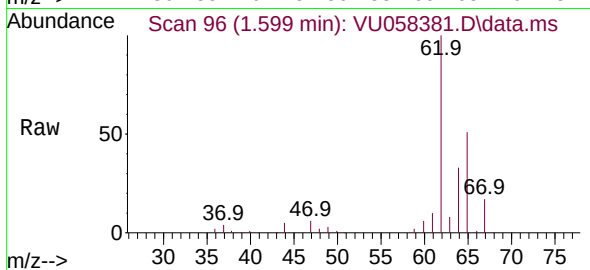
ClientSampleId :

Tgt Ion: 62 Resp: 43868

Ion Ratio Lower Upper

62 100

64 32.7 22.6 42.0



#6

Bromomethane

Concen: 5.291 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU058381.D

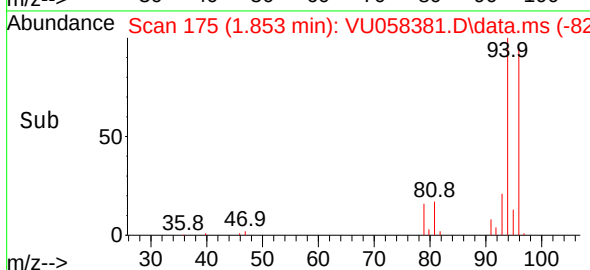
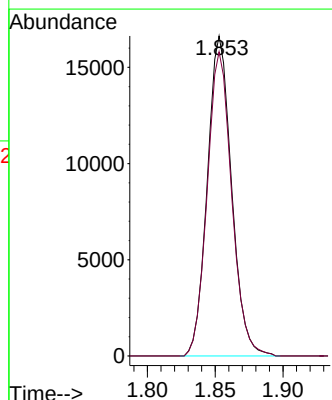
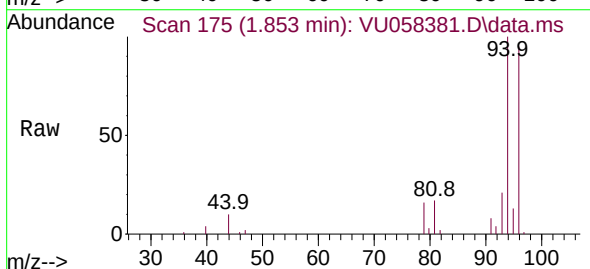
Acq: 04 Apr 2024 20:49

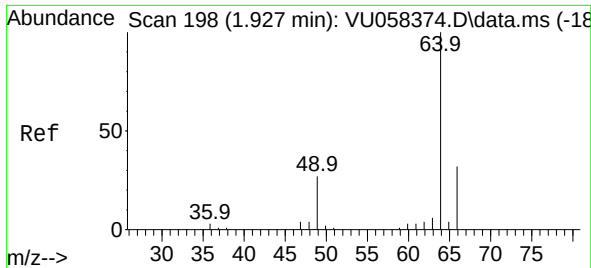
Tgt Ion: 94 Resp: 20694

Ion Ratio Lower Upper

94 100

96 95.0 65.4 121.4

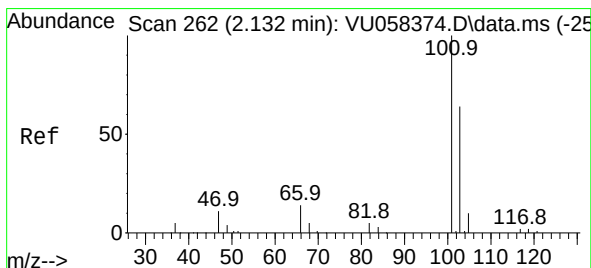
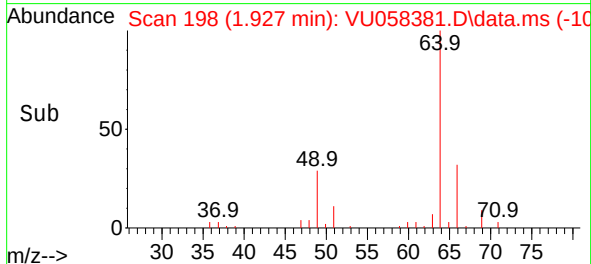
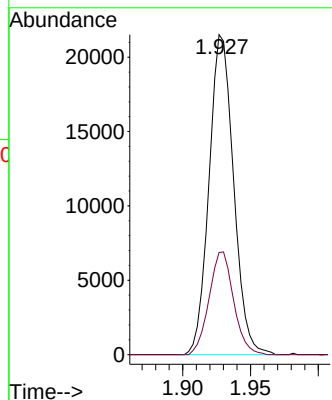
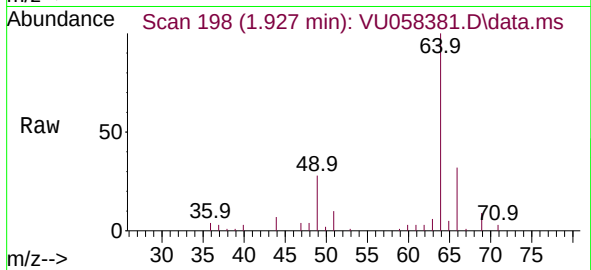




#8
Chloroethane
Concen: 5.186 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

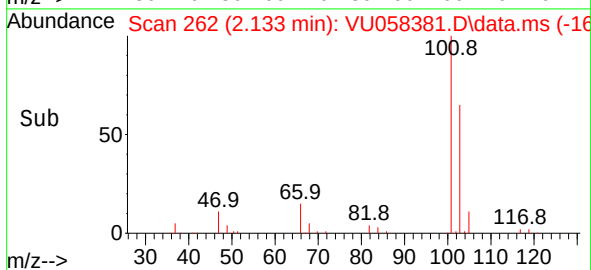
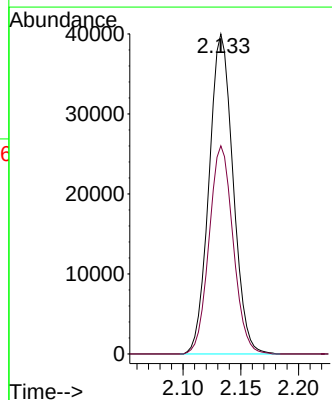
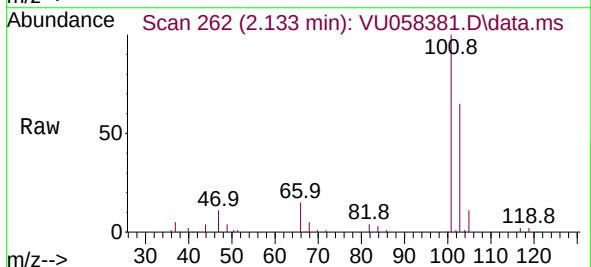
Instrument :
MSVOA_U
ClientSampleId :

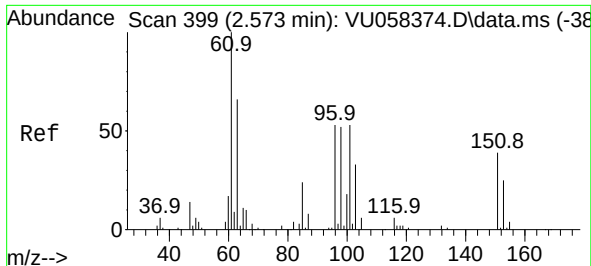
Tgt Ion: 64 Resp: 27084
Ion Ratio Lower Upper
64 100
66 32.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 5.308 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

Tgt Ion:101 Resp: 57946
Ion Ratio Lower Upper
101 100
103 64.9 51.2 76.8

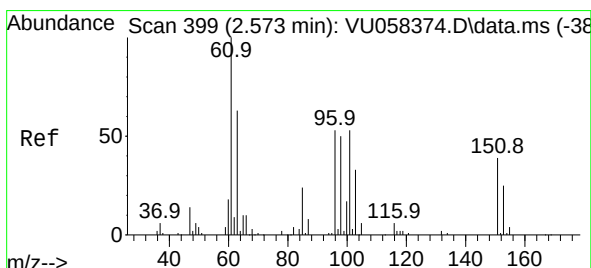
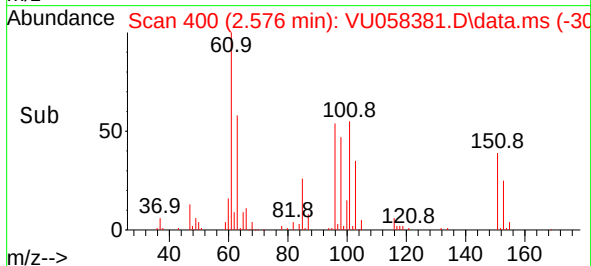
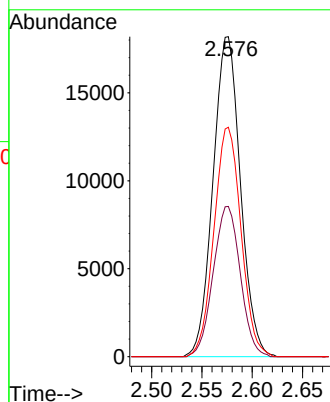
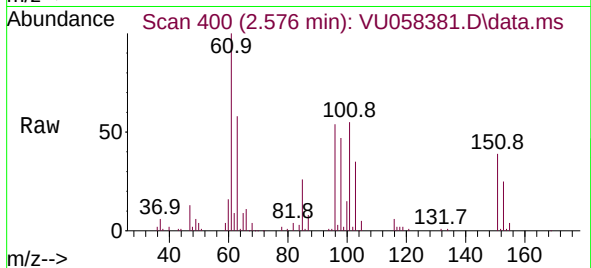




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.321 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

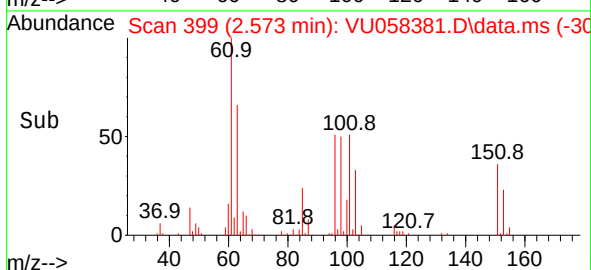
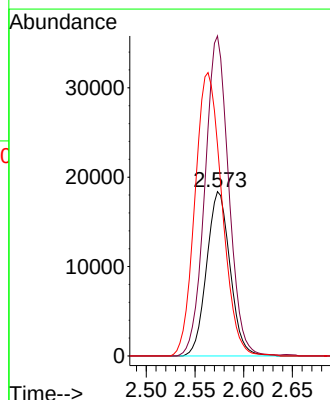
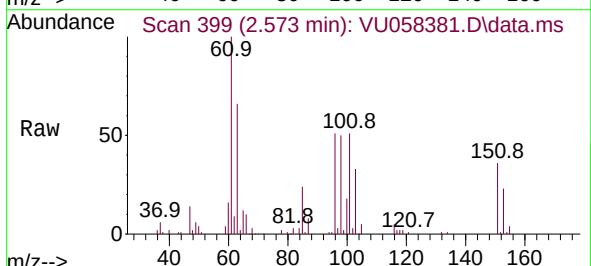
Instrument :
MSVOA_U
ClientSampleId :

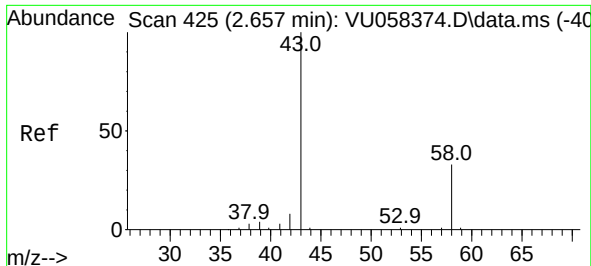
Tgt Ion:101 Resp: 34518
Ion Ratio Lower Upper
101 100
85 46.3 36.8 55.2
151 70.8 58.2 87.4



#12
1,1-Dichloroethene
Concen: 5.348 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

Tgt Ion: 96 Resp: 30755
Ion Ratio Lower Upper
96 100
61 194.7 132.5 246.1
63 128.6 87.7 162.9





#13

Acetone

Concen: 47.681 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.010 min MSVOA_U

Lab File: VU058381.D

Acq: 04 Apr 2024 20:49

Instrument :

MSVOA_U

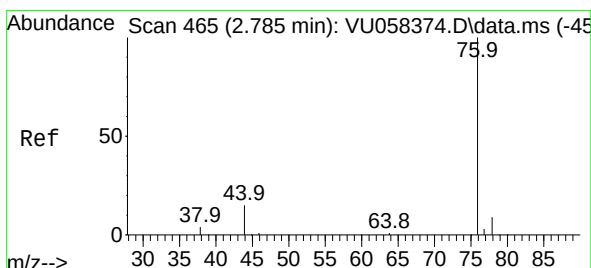
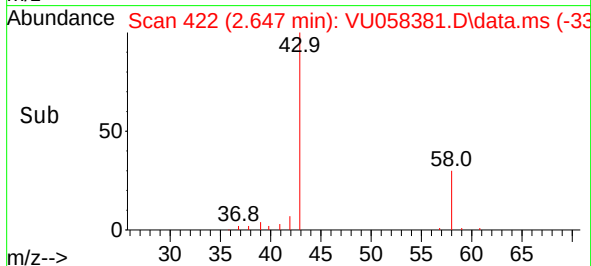
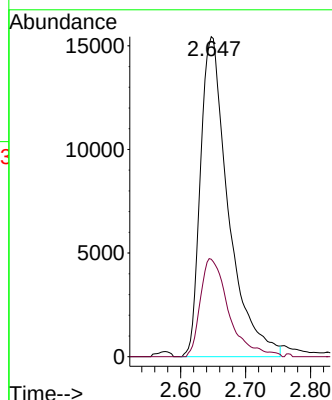
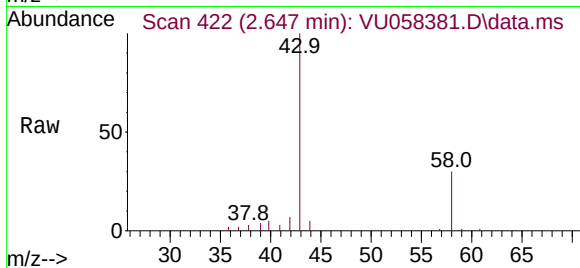
ClientSampleId :

Tgt Ion: 43 Resp: 46075

Ion Ratio Lower Upper

43 100

58 31.2 0.0 61.4



#14

Carbon disulfide

Concen: 5.227 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU058381.D

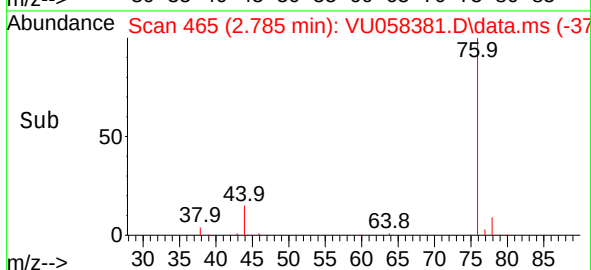
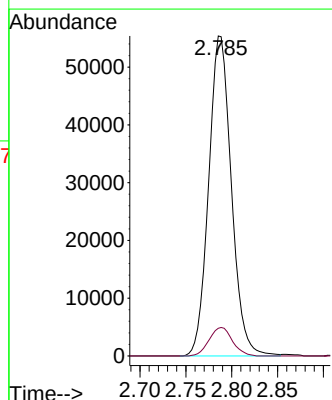
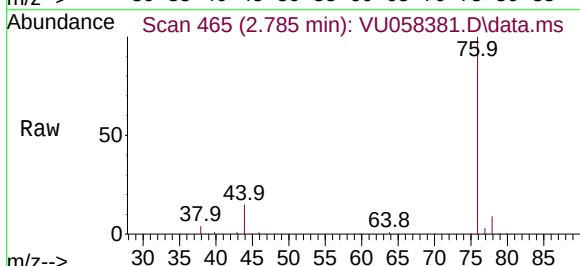
Acq: 04 Apr 2024 20:49

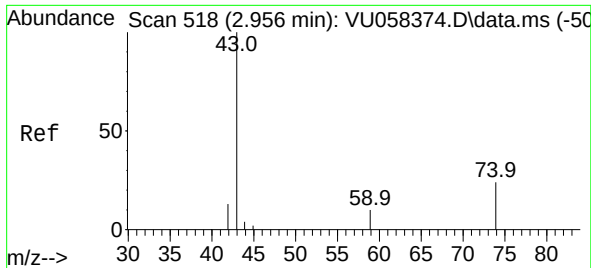
Tgt Ion: 76 Resp: 95490

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3





#15

Methyl Acetate

Concen: 5.436 ug/L

RT: 2.953 min Scan# 518

Delta R.T. -0.003 min

Lab File: VU058381.D

Acq: 04 Apr 2024 20:49

Instrument :

MSVOA_U

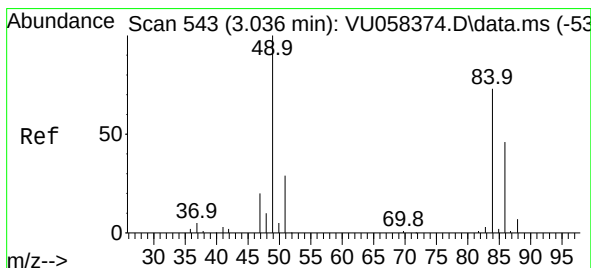
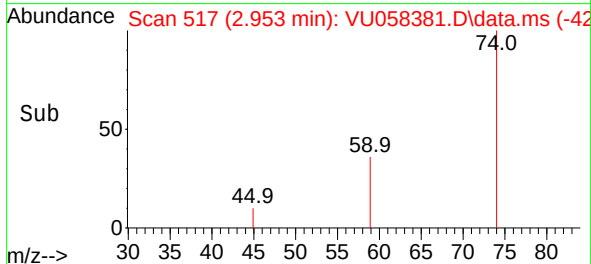
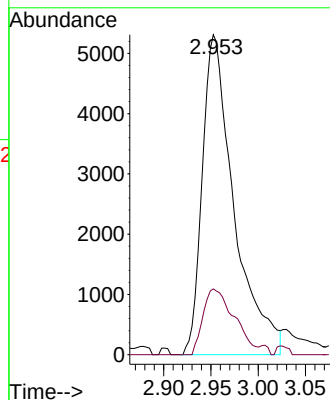
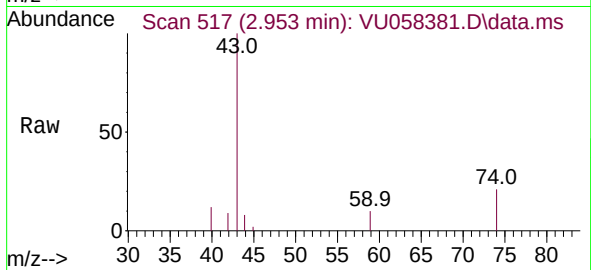
ClientSampleId :

Tgt Ion: 43 Resp: 12394

Ion Ratio Lower Upper

43 100

74 20.3 16.6 25.0



#16

Methylene chloride

Concen: 5.642 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU058381.D

Acq: 04 Apr 2024 20:49

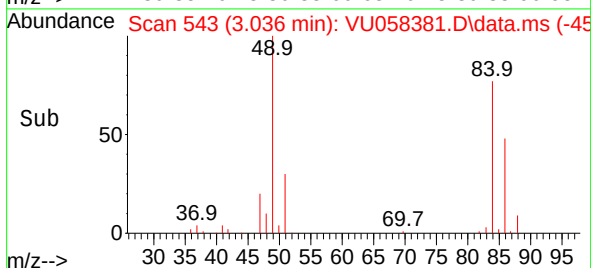
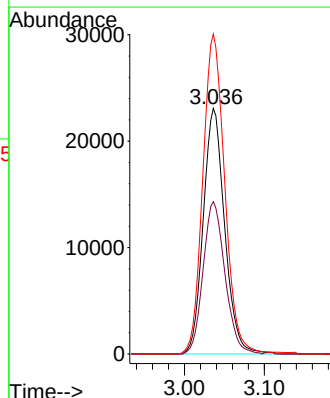
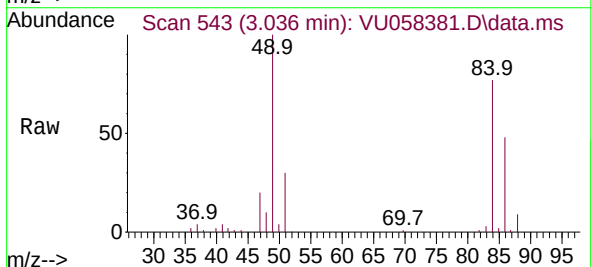
Tgt Ion: 84 Resp: 43064

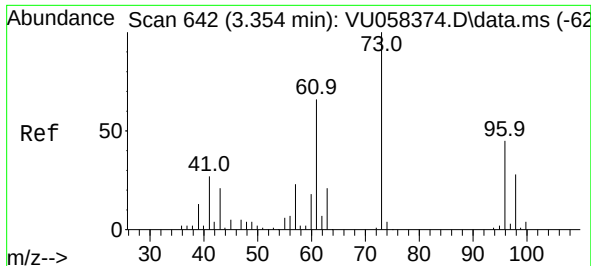
Ion Ratio Lower Upper

84 100

86 62.0 44.3 82.3

49 130.3 96.0 178.2

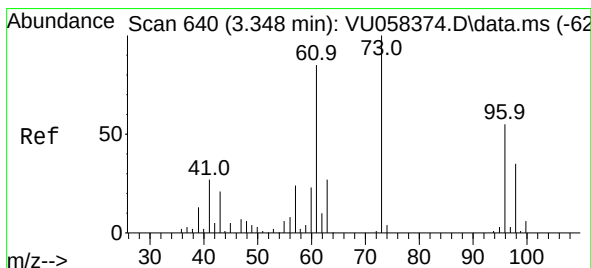
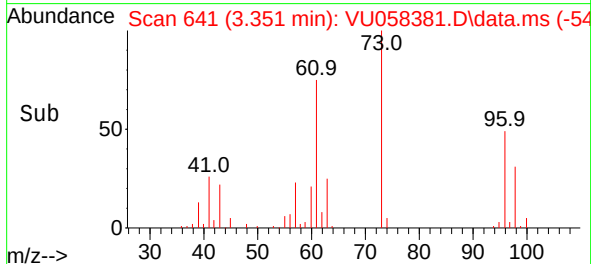
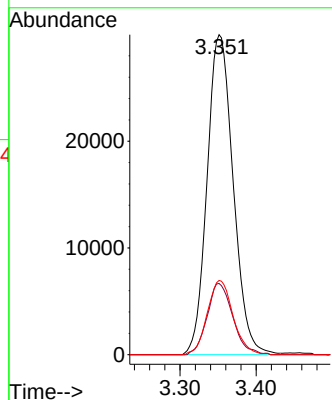
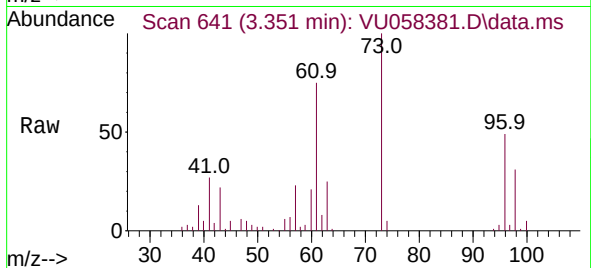




#17
Methyl tert-butyl Ether
Concen: 5.267 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

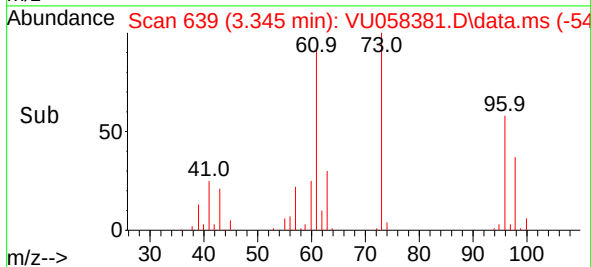
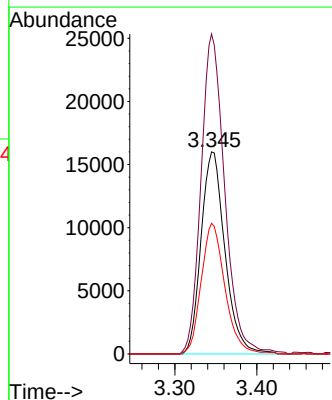
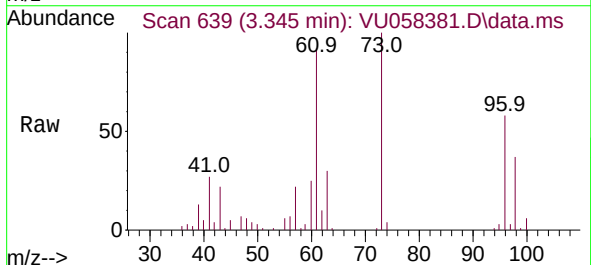
Instrument :
MSVOA_U
ClientSampleId :

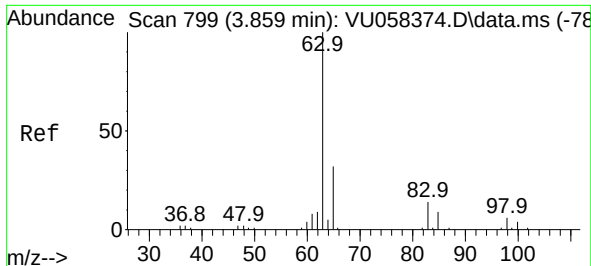
Tgt Ion: 73 Resp: 71541
Ion Ratio Lower Upper
73 100
43 21.8 17.4 26.2
57 22.9 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 5.381 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

Tgt Ion: 96 Resp: 32435
Ion Ratio Lower Upper
96 100
61 158.4 107.6 199.8
98 64.7 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.311 ug/L

RT: 3.856 min Scan# 70

Delta R.T. -0.003 min

Lab File: VU058381.D

Acq: 04 Apr 2024 20:49

Instrument :

MSVOA_U

ClientSampleId :

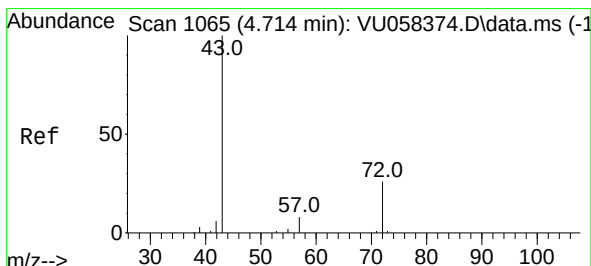
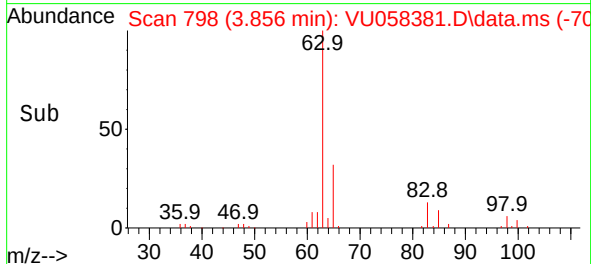
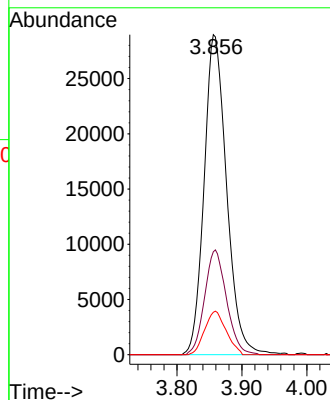
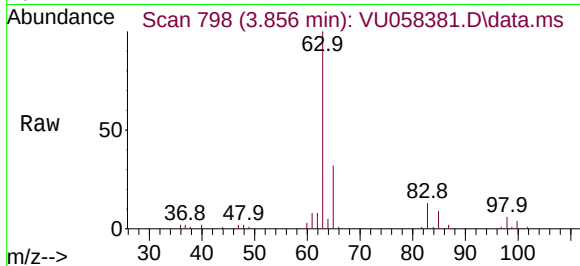
Tgt Ion: 63 Resp: 69874

Ion Ratio Lower Upper

63 100

65 32.2 22.9 42.5

83 13.3 9.6 17.8



#21

2-Butanone

Concen: 50.192 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. -0.006 min

Lab File: VU058381.D

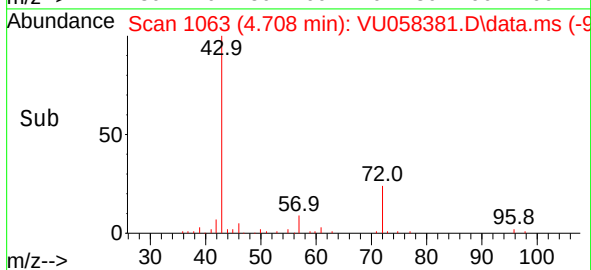
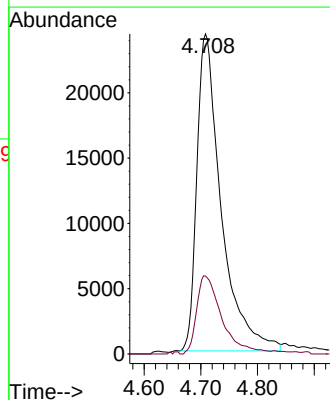
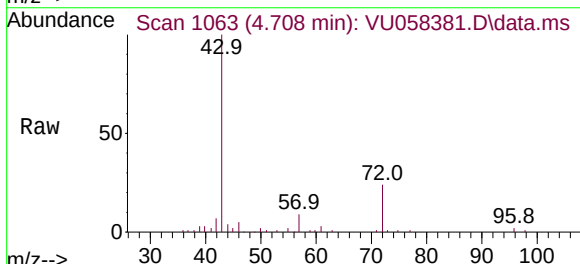
Acq: 04 Apr 2024 20:49

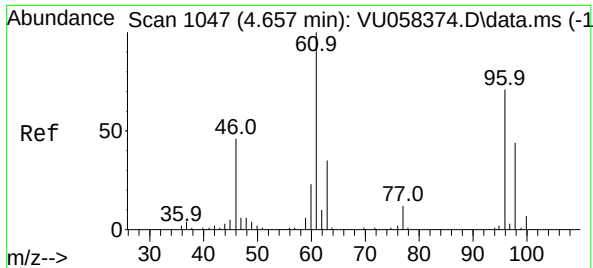
Tgt Ion: 43 Resp: 72494

Ion Ratio Lower Upper

43 100

72 25.5 11.7 35.0

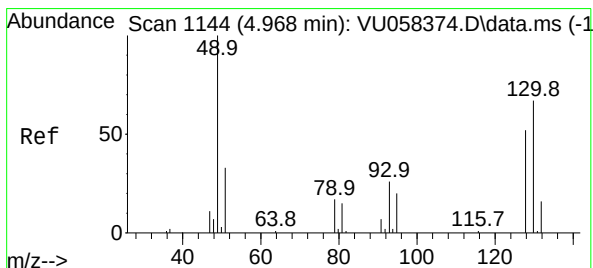
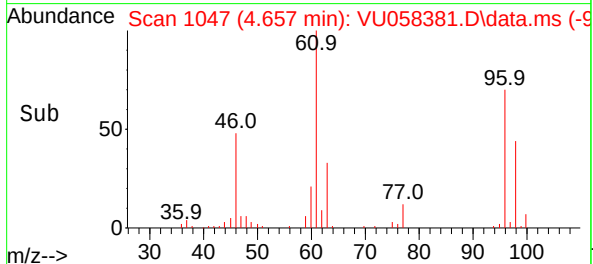
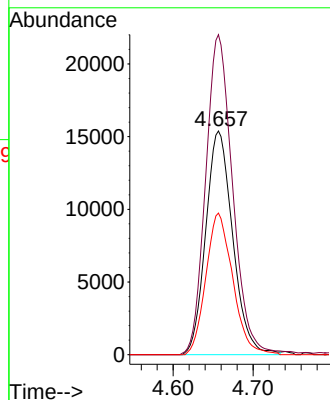
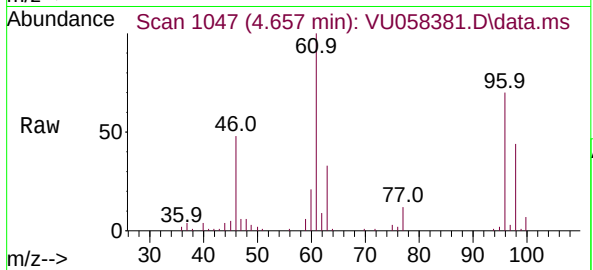




#22
cis-1,2-Dichloroethene
Concen: 5.347 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

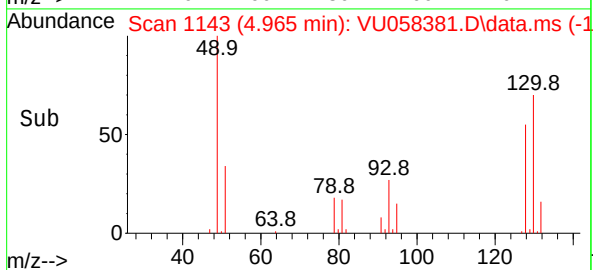
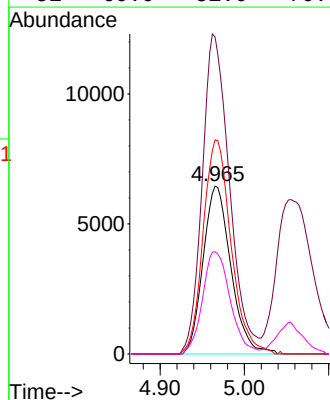
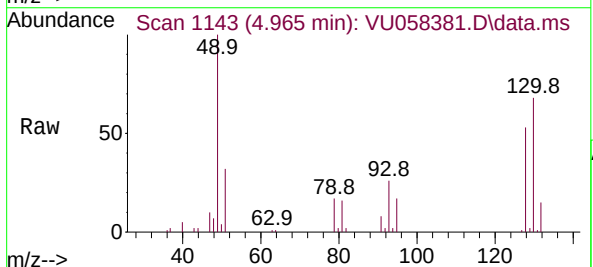
Instrument :
MSVOA_U
ClientSampleId :

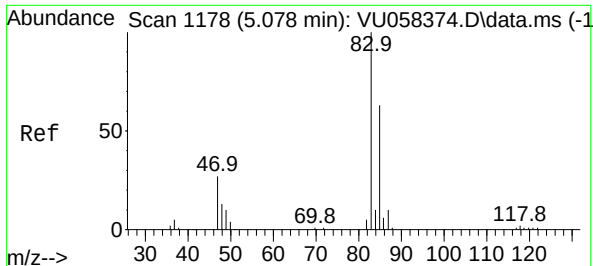
Tgt Ion: 96 Resp: 36191
Ion Ratio Lower Upper
96 100
61 143.1 98.1 182.3
98 63.4 43.6 81.0



#23
Bromochloromethane
Concen: 5.541 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

Tgt Ion:128 Resp: 14776
Ion Ratio Lower Upper
128 100
49 188.8 134.4 249.6
130 127.5 90.0 167.2
51 60.9 51.0 76.6

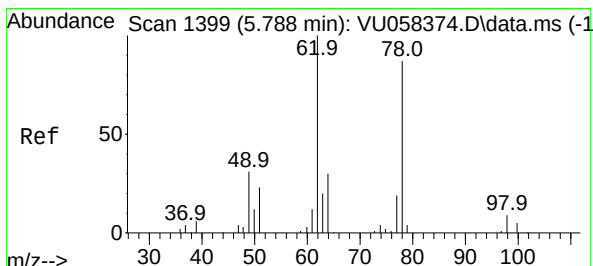
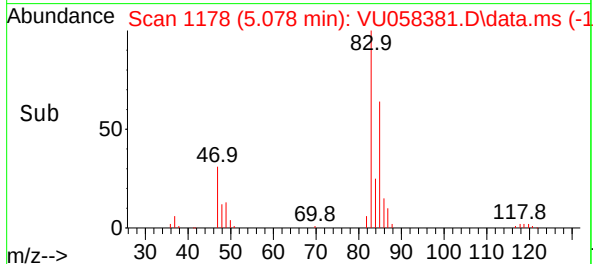
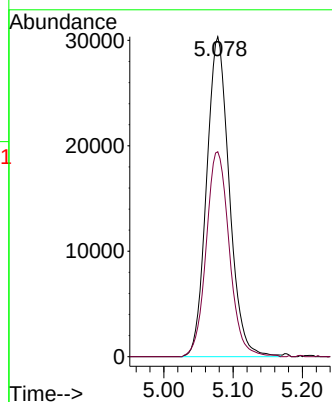
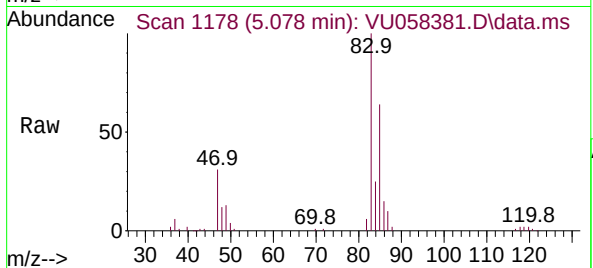




#25
Chloroform
Concen: 5.414 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

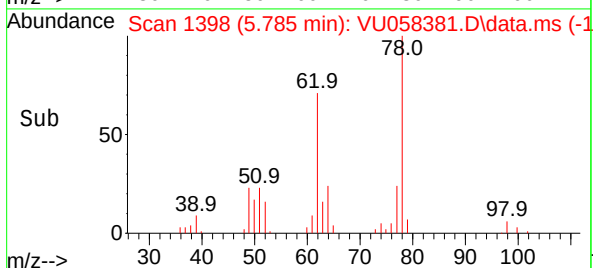
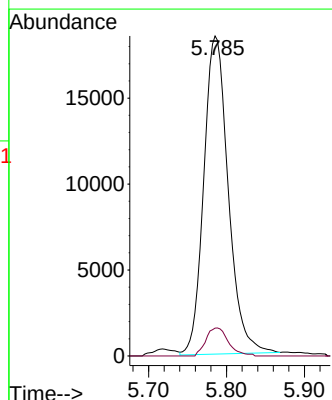
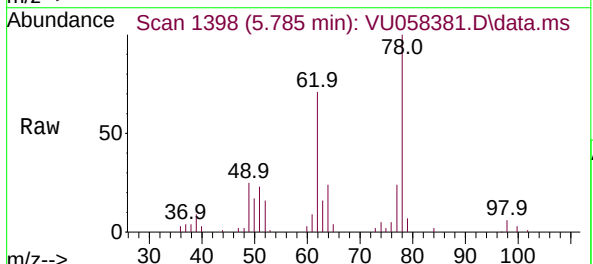
Instrument :
MSVOA_U
ClientSampleId :

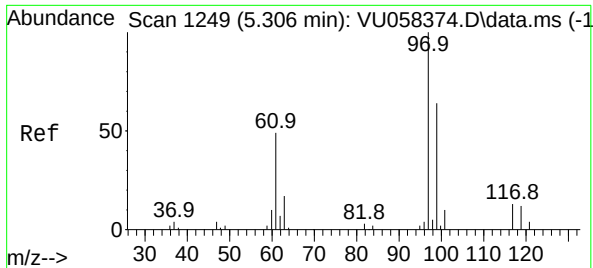
Tgt Ion: 83 Resp: 68936
Ion Ratio Lower Upper
83 100
85 64.0 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.219 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

Tgt Ion: 62 Resp: 40464
Ion Ratio Lower Upper
62 100
98 8.7 7.0 10.4

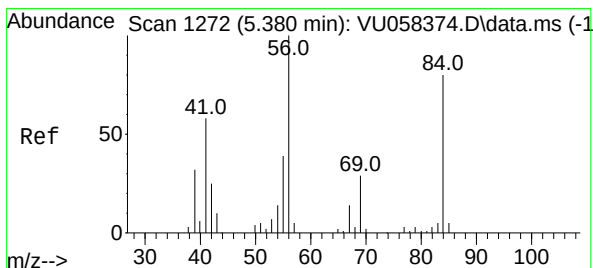
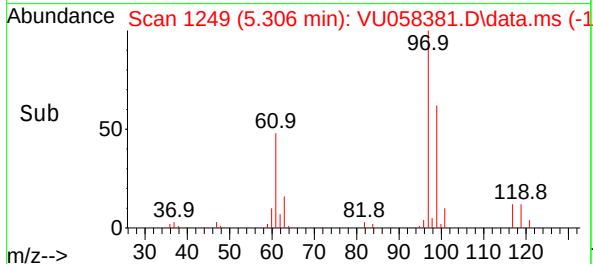
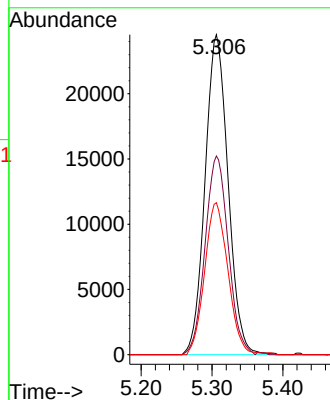
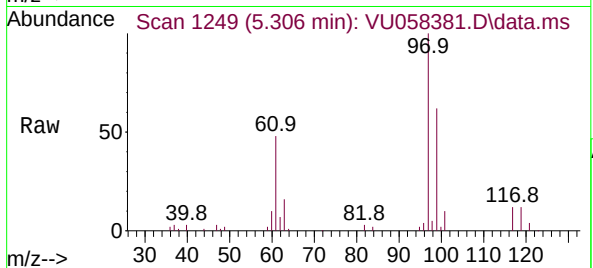




#29
1,1,1-Trichloroethane
Concen: 5.305 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

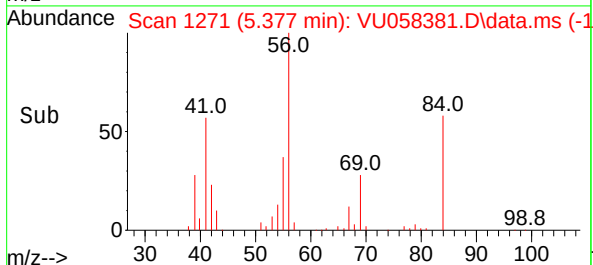
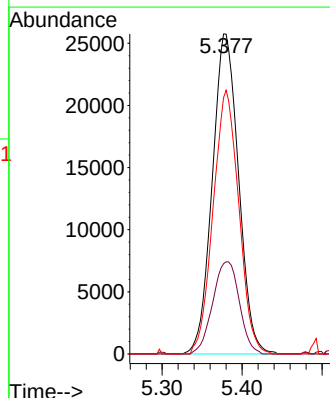
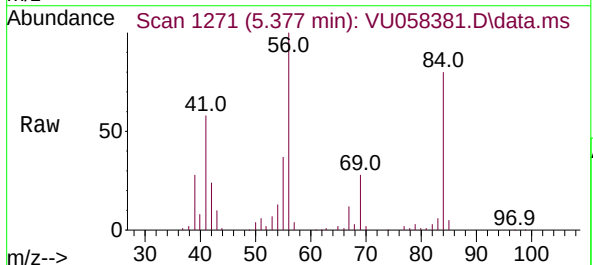
Instrument :
MSVOA_U
ClientSampleId :

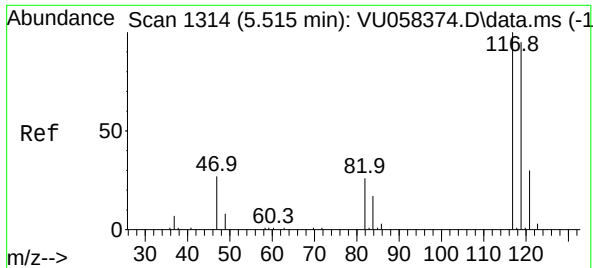
Tgt Ion:	97	Resp:	55319
Ion	Ratio	Lower	Upper
97	100		
99	62.4	50.4	75.6
61	48.2	39.4	59.0



#30
Cyclohexane
Concen: 5.328 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

Tgt Ion:	56	Resp:	58680
Ion	Ratio	Lower	Upper
56	100		
69	29.2	23.2	34.8
84	80.4	63.3	94.9

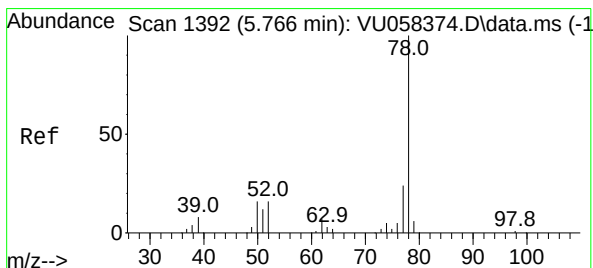
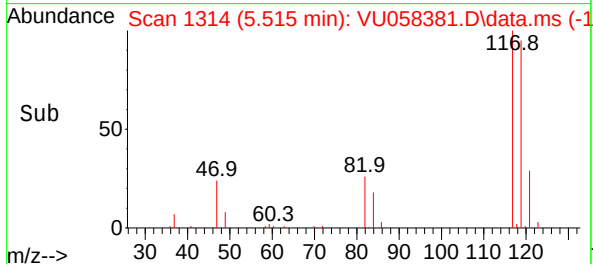
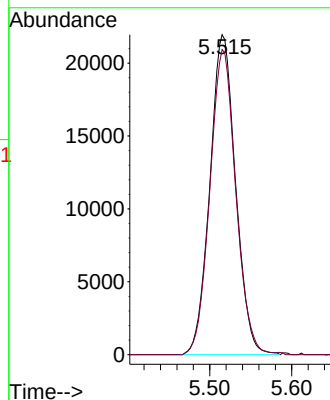
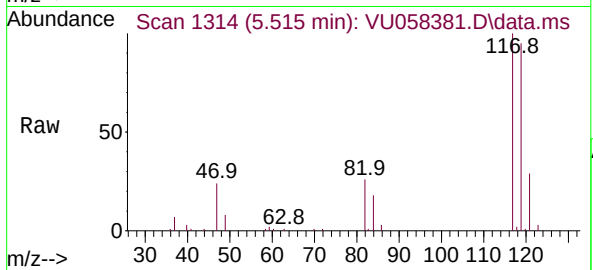




#31
Carbon tetrachloride
Concen: 5.410 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

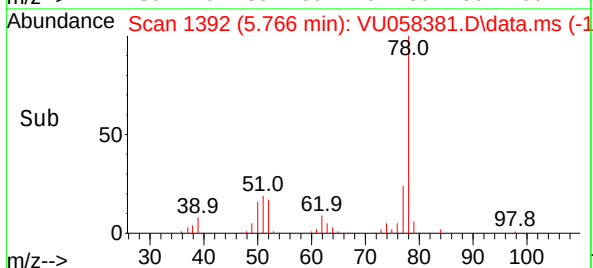
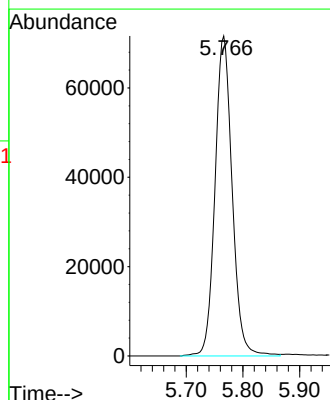
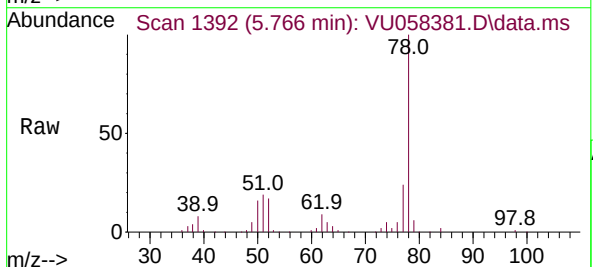
Instrument :
MSVOA_U
ClientSampleId :

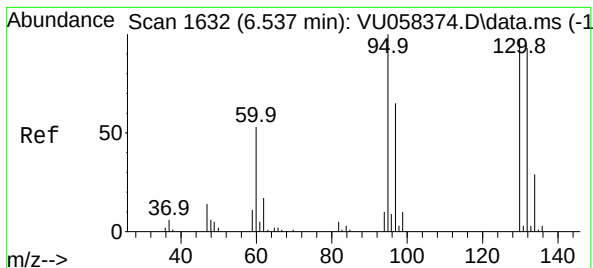
Tgt Ion:117 Resp: 47781
Ion Ratio Lower Upper
117 100
119 96.1 76.7 115.1



#33
Benzene
Concen: 5.331 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

Tgt Ion: 78 Resp: 150293





#34

Trichloroethene

Concen: 5.242 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

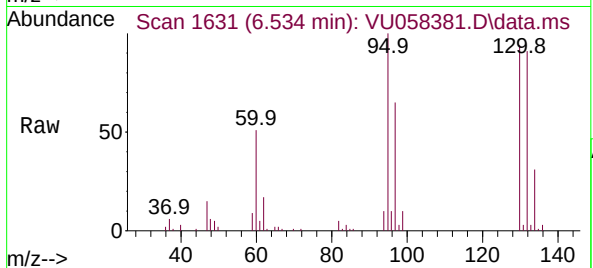
Lab File: VU058381.D

Acq: 04 Apr 2024 20:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 37258

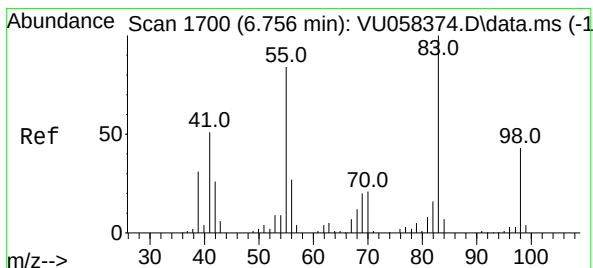
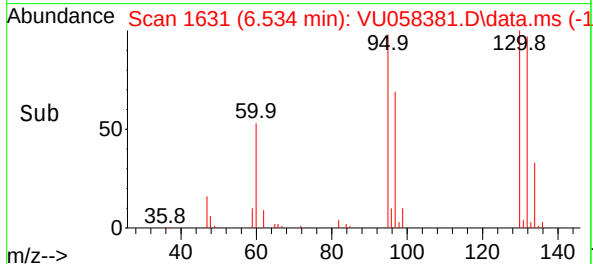
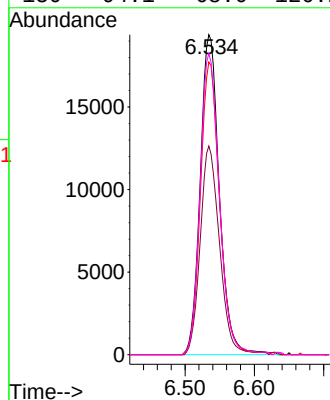
Ion Ratio Lower Upper

95 100

97 65.2 45.6 84.6

132 91.5 64.8 120.3

130 94.1 68.0 126.2



#35

Methylcyclohexane

Concen: 5.357 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU058381.D

Acq: 04 Apr 2024 20:49

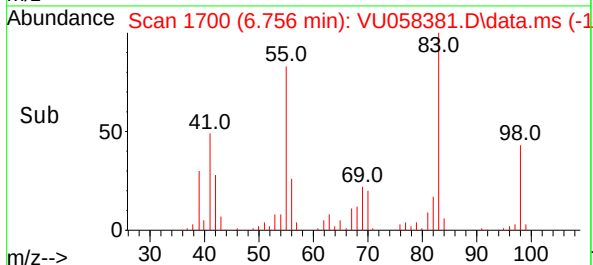
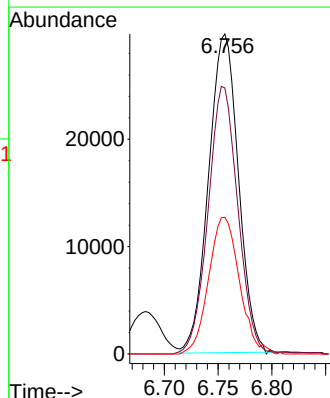
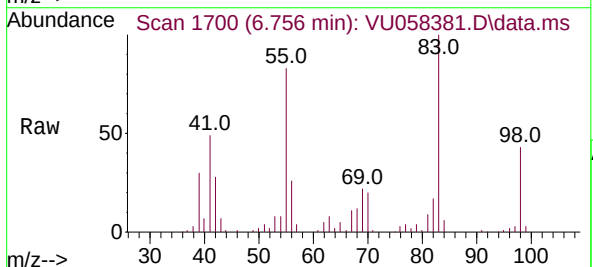
Tgt Ion: 83 Resp: 57362

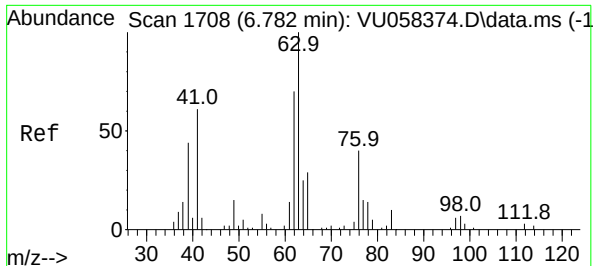
Ion Ratio Lower Upper

83 100

55 83.6 66.2 99.4

98 44.3 34.6 52.0

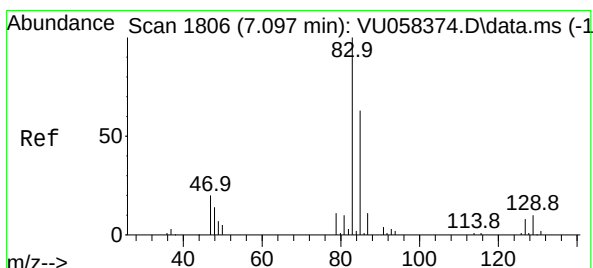
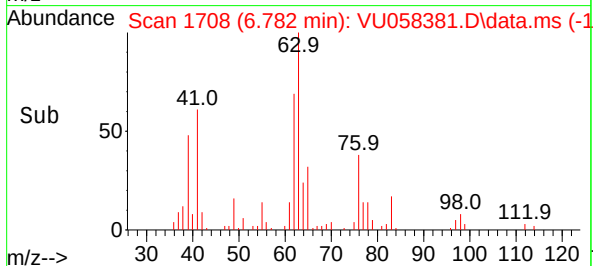
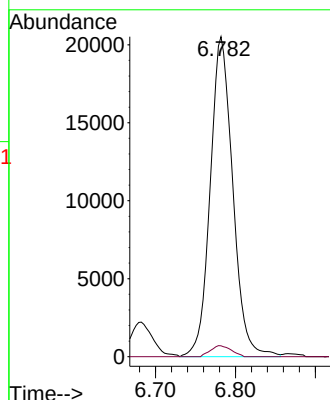
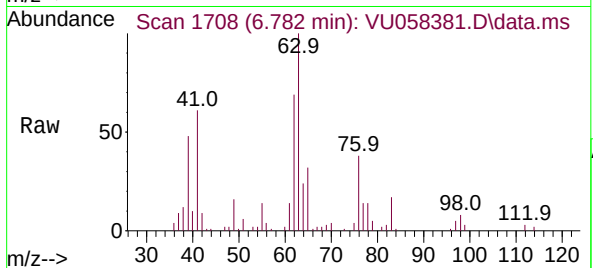




#37
1,2-Dichloropropane
Concen: 5.426 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

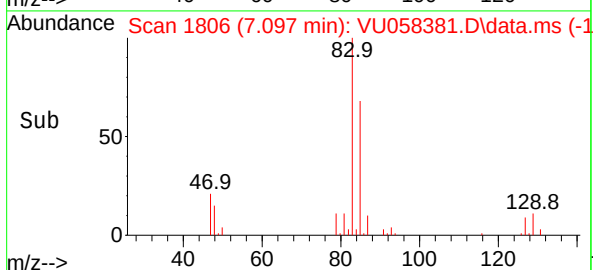
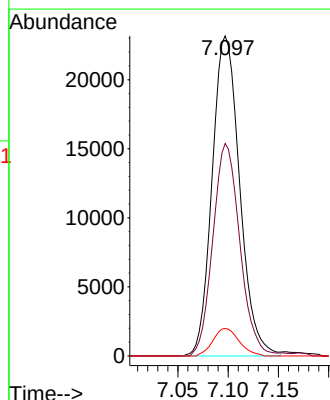
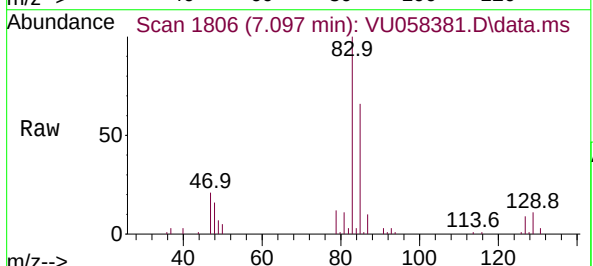
Instrument :
MSVOA_U
ClientSampleId :

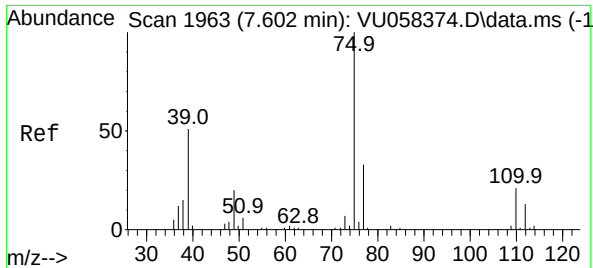
Tgt Ion: 63 Resp: 40247
Ion Ratio Lower Upper
63 100
112 3.2 2.6 4.0



#38
Bromodichloromethane
Concen: 5.216 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

Tgt Ion: 83 Resp: 44162
Ion Ratio Lower Upper
83 100
85 66.4 44.2 82.2
127 8.6 6.5 9.7

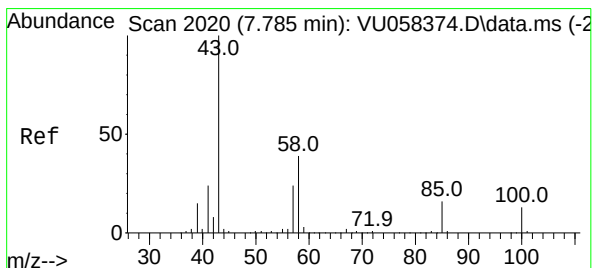
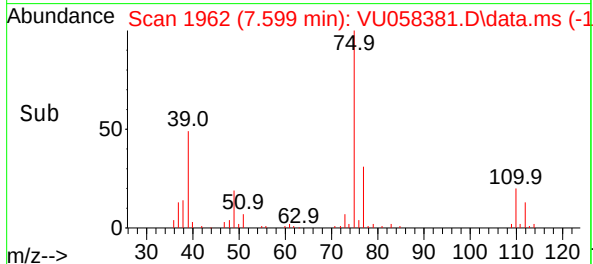
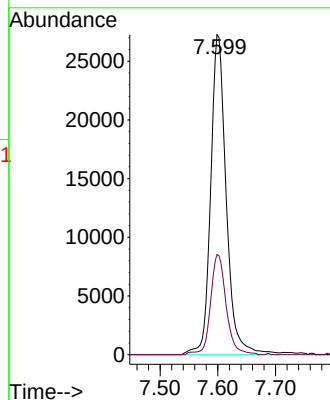
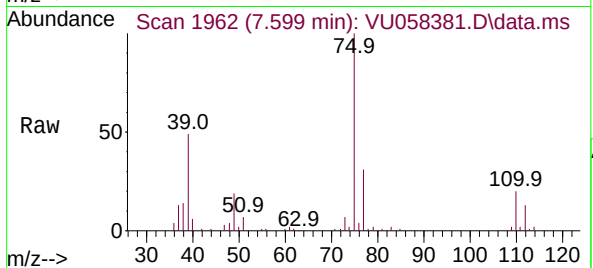




#39
 cis-1,3-Dichloropropene
 Concen: 5.420 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU058381.D
 Acq: 04 Apr 2024 20:49

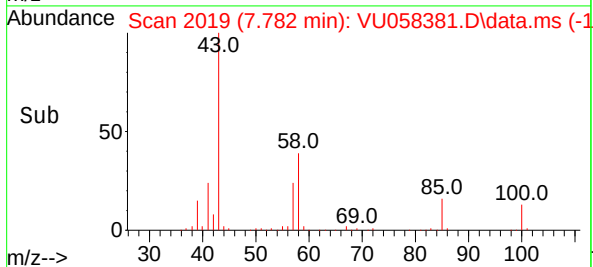
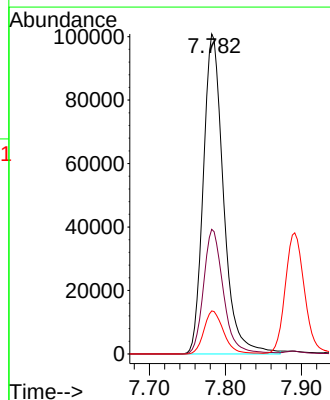
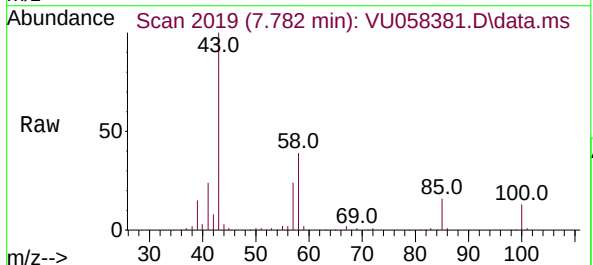
Instrument :
 MSVOA_U
 ClientSampleId :

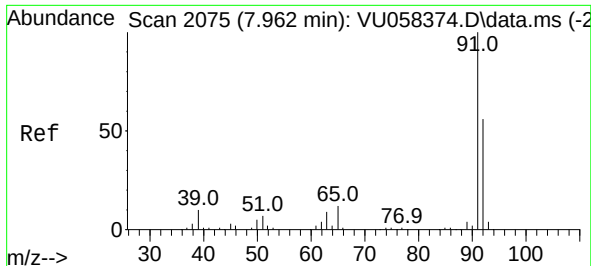
Tgt Ion: 75 Resp: 51123
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 53.285 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU058381.D
 Acq: 04 Apr 2024 20:49

Tgt Ion: 43 Resp: 186050
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.4 45.6
 100 13.2 10.3 15.5





#42

Toluene

Concen: 5.319 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058381.D

Acq: 04 Apr 2024 20:49

Instrument :

MSVOA_U

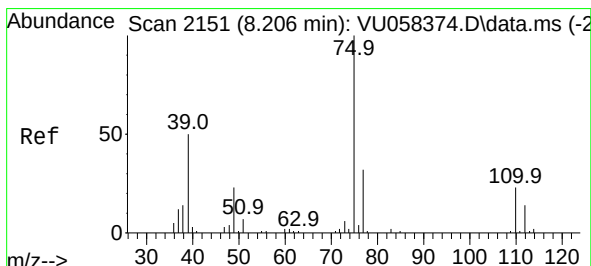
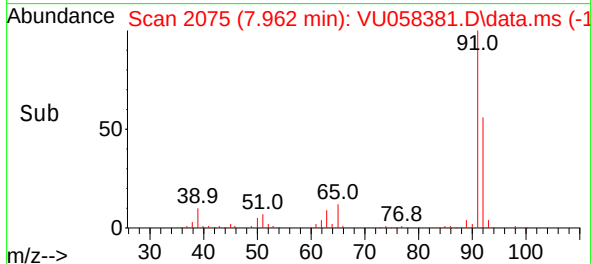
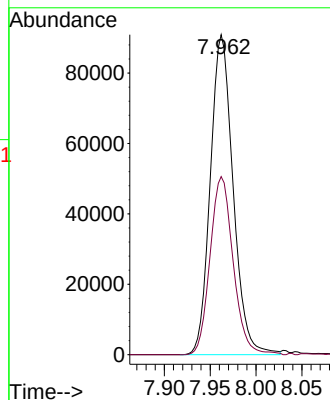
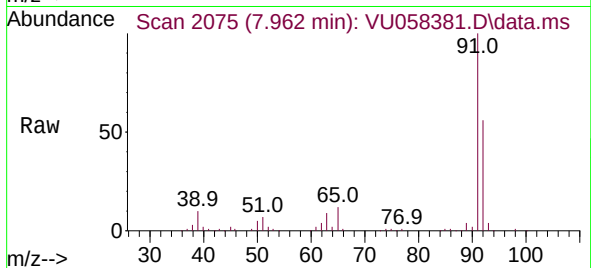
ClientSampleId :

Tgt Ion: 91 Resp: 157302

Ion Ratio Lower Upper

91 100

92 55.7 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 5.475 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU058381.D

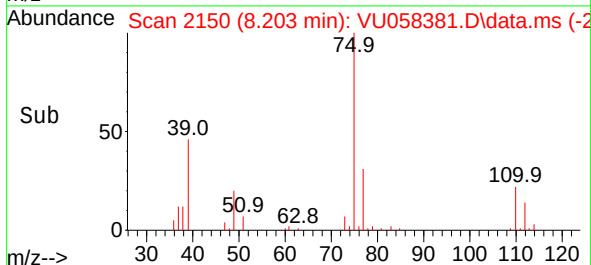
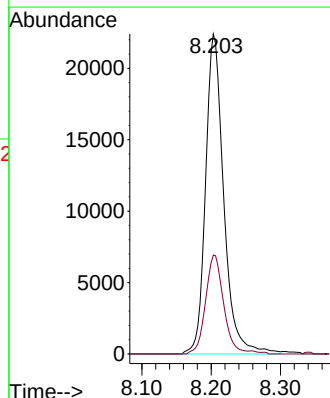
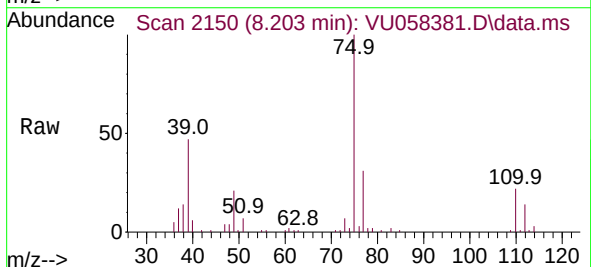
Acq: 04 Apr 2024 20:49

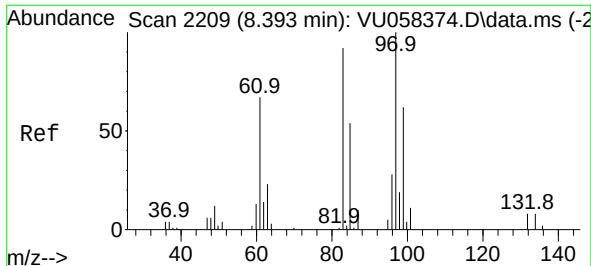
Tgt Ion: 75 Resp: 40732

Ion Ratio Lower Upper

75 100

77 30.9 22.2 41.2



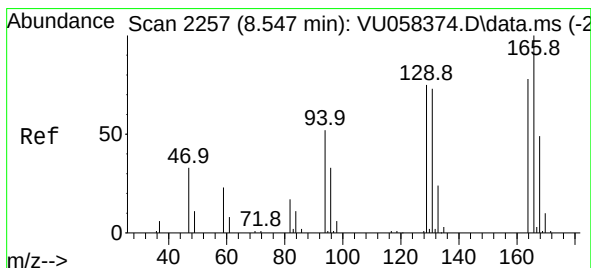
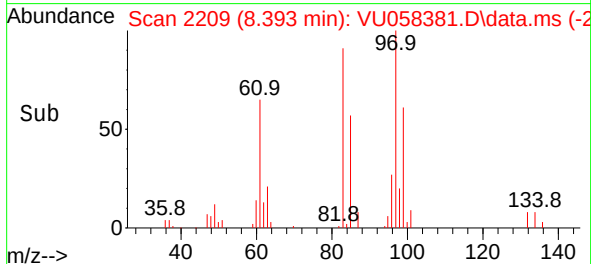
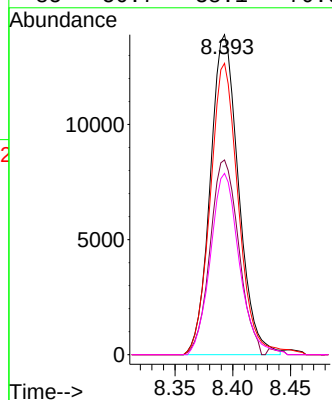
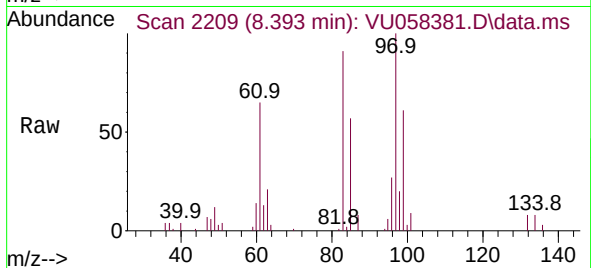


#45
1,1,2-Trichloroethane
Concen: 5.464 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 23673

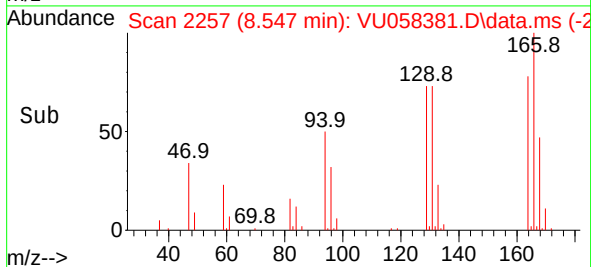
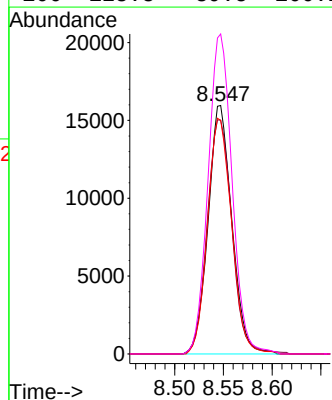
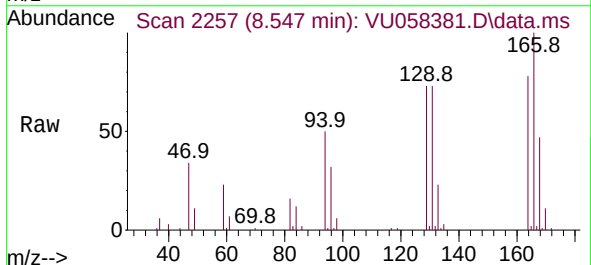
Ion	Ratio	Lower	Upper
97	100		
99	60.8	43.7	81.1
83	91.0	64.5	119.7
85	56.7	38.1	70.9

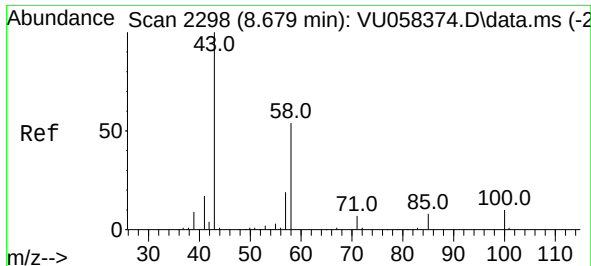


#47
Tetrachloroethene
Concen: 5.191 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

Tgt Ion: 164 Resp: 27046

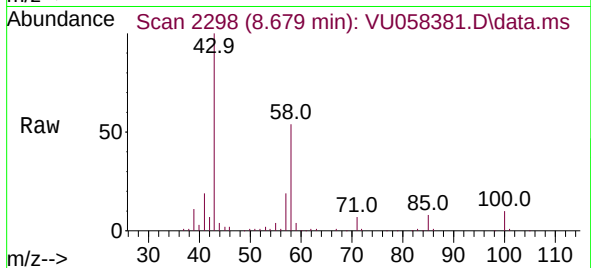
Ion	Ratio	Lower	Upper
164	100		
129	94.1	67.3	125.1
131	94.0	65.5	121.6
166	128.8	89.5	166.1



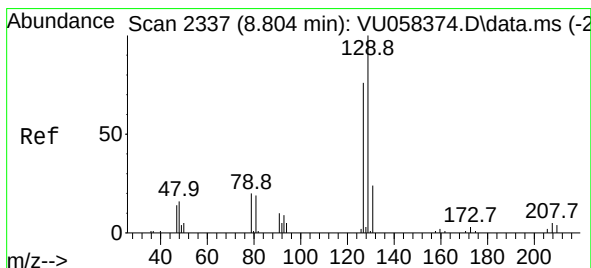
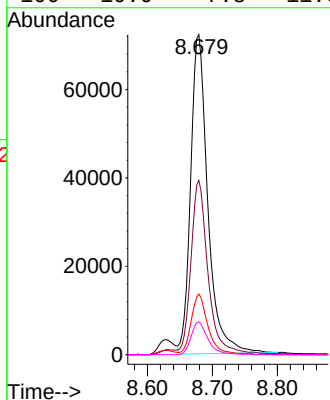
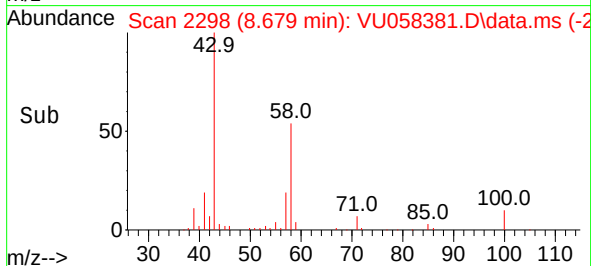


#48
2-Hexanone
Concen: 53.751 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

Instrument :
MSVOA_U
ClientSampleId :

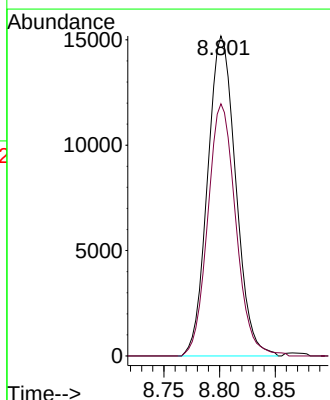
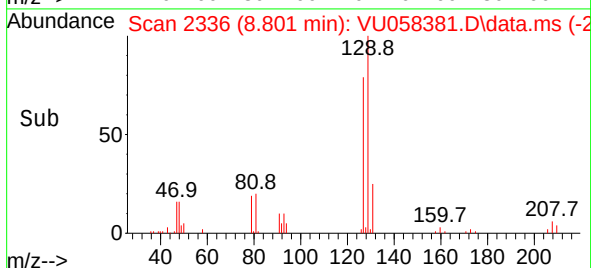
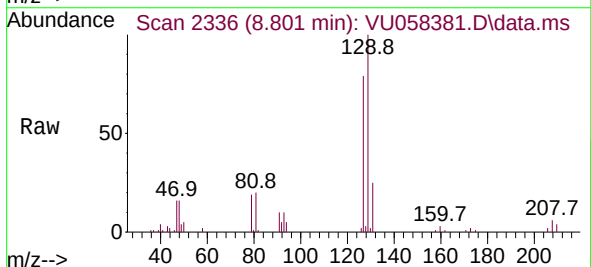


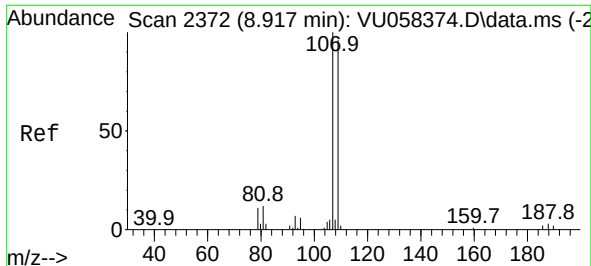
Tgt Ion: 43 Resp: 133233
Ion Ratio Lower Upper
43 100
58 53.8 43.2 64.8
57 18.8 15.4 23.0
100 10.0 7.8 11.6



#49
Dibromochloromethane
Concen: 5.339 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

Tgt Ion: 129 Resp: 26743
Ion Ratio Lower Upper
129 100
127 78.8 53.5 99.5

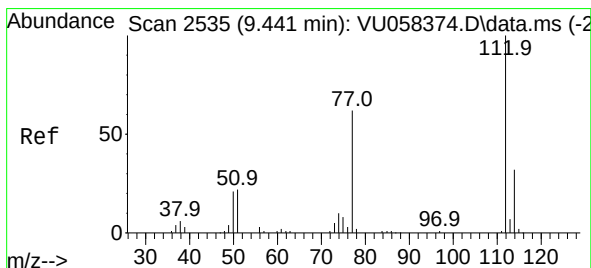
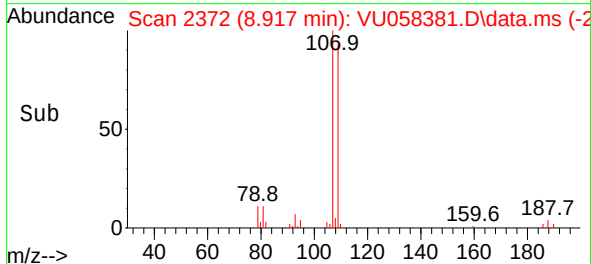
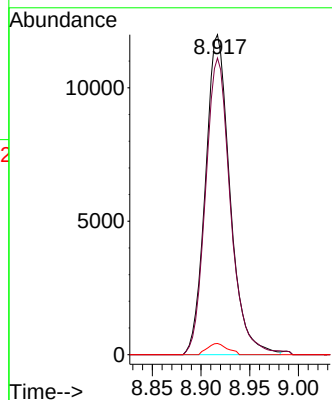
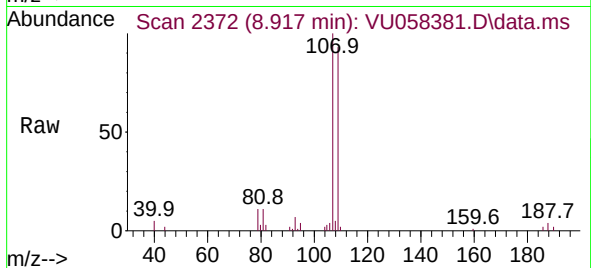




#50
1,2-Dibromoethane
Concen: 5.321 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

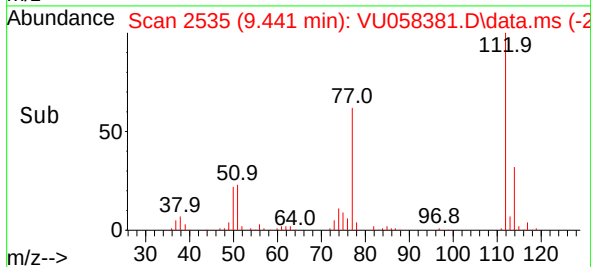
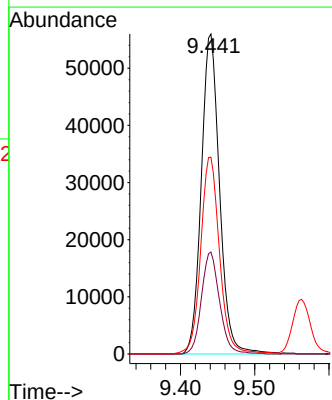
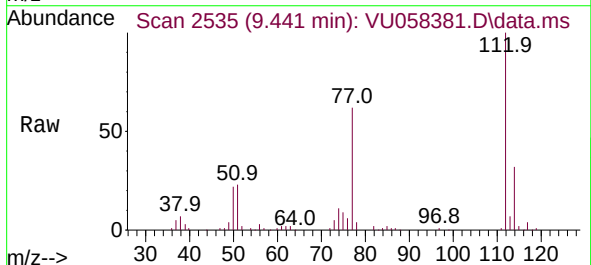
Instrument :
MSVOA_U
ClientSampleId :

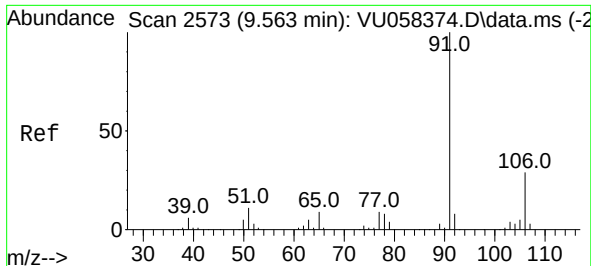
Tgt Ion:107 Resp: 21082
Ion Ratio Lower Upper
107 100
109 92.7 67.3 124.9
188 3.5 2.5 3.7



#51
Chlorobenzene
Concen: 5.346 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

Tgt Ion:112 Resp: 95669
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 61.5 50.1 75.1

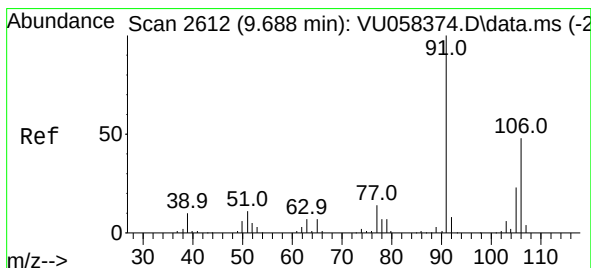
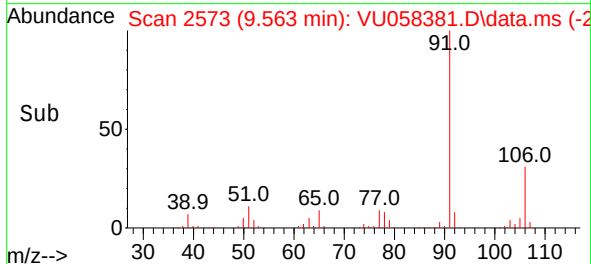
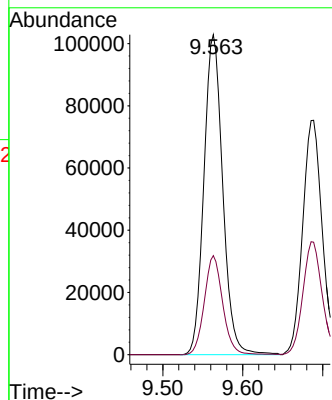
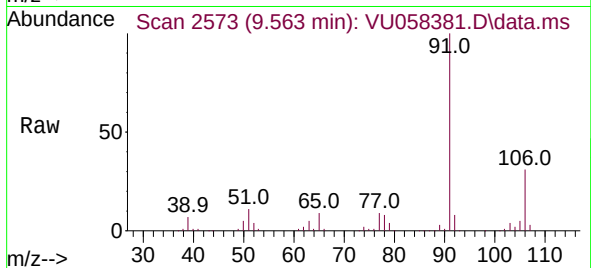




#52
Ethylbenzene
Concen: 5.382 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

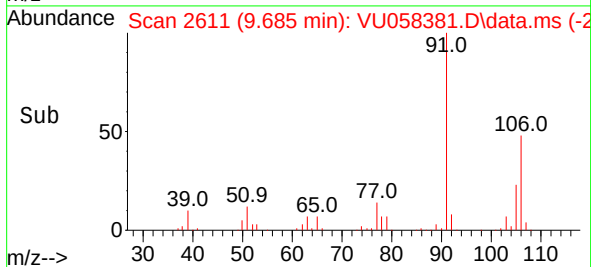
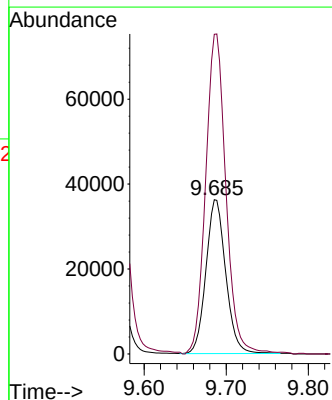
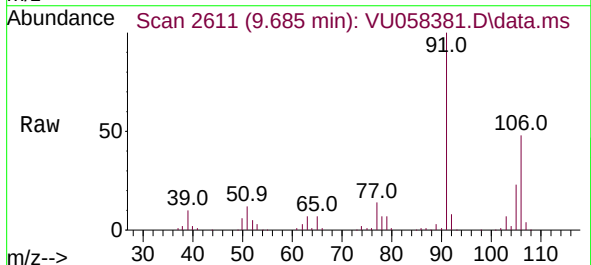
Instrument :
MSVOA_U
ClientSampleId :

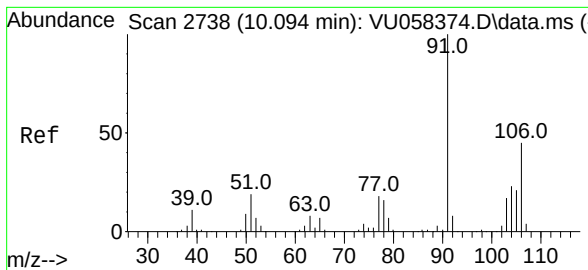
Tgt Ion: 91 Resp: 168626
Ion Ratio Lower Upper
91 100
106 30.9 20.6 38.4



#53
m,p-Xylene
Concen: 5.418 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

Tgt Ion: 106 Resp: 60785
Ion Ratio Lower Upper
106 100
91 207.2 147.8 274.4

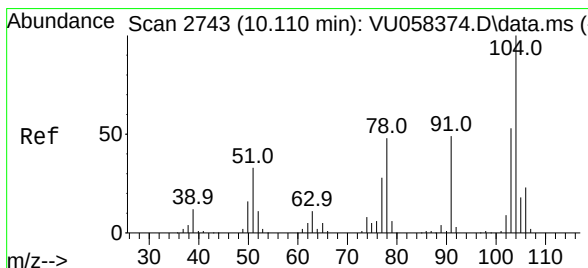
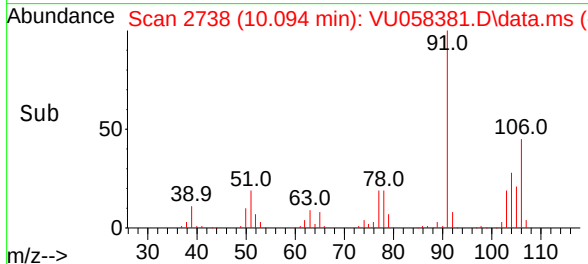
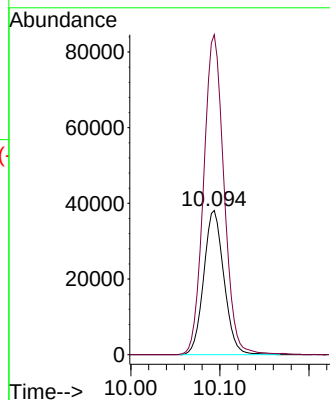
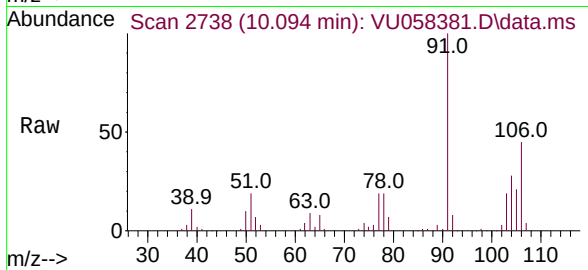




#54
o-Xylene
Concen: 5.475 ug/L
RT: 10.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

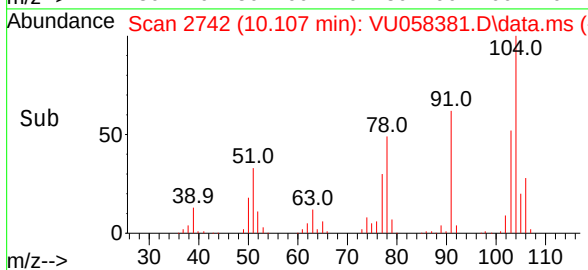
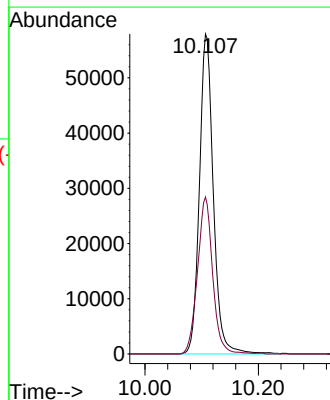
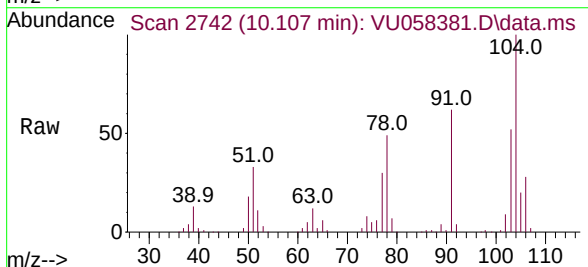
Instrument :
MSVOA_U
ClientSampleId :

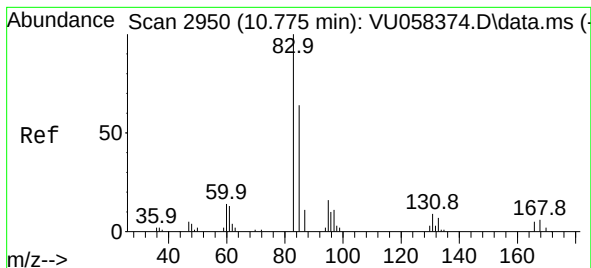
Tgt Ion:106 Resp: 60217
Ion Ratio Lower Upper
106 100
91 221.8 156.9 291.5



#55
Styrene
Concen: 5.580 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

Tgt Ion:104 Resp: 98737
Ion Ratio Lower Upper
104 100
78 49.0 33.9 63.0





#57

1,1,2-Tetrachloroethane

Concen: 5.426 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058381.D

Acq: 04 Apr 2024 20:49

Instrument :

MSVOA_U

ClientSampleId :

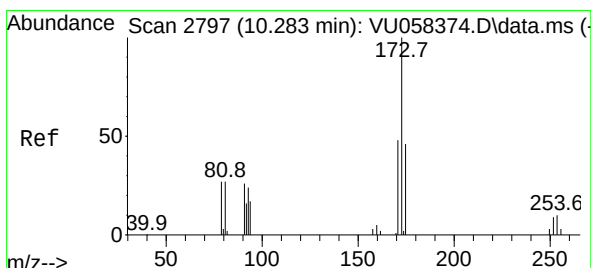
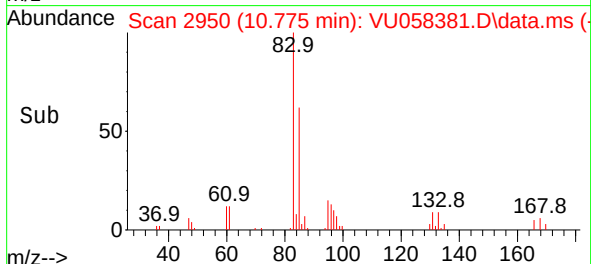
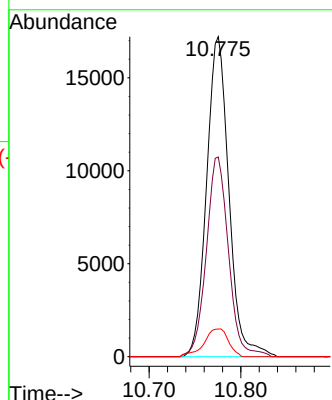
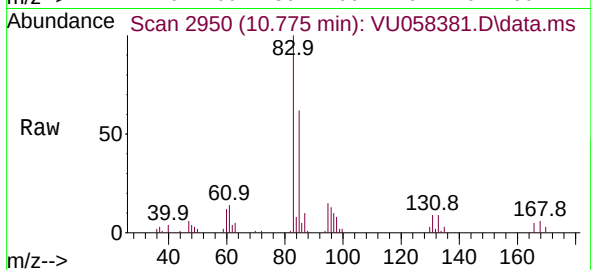
Tgt Ion: 83 Resp: 28998

Ion Ratio Lower Upper

83 100

85 62.4 45.1 83.7

131 8.7 6.9 10.3



#59

Bromoform

Concen: 5.294 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU058381.D

Acq: 04 Apr 2024 20:49

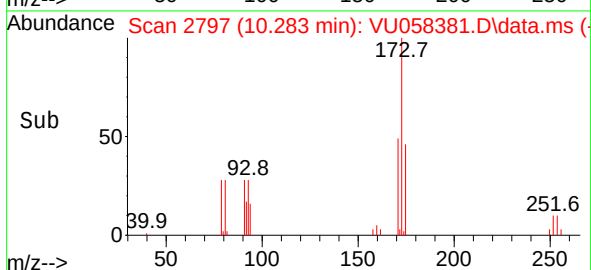
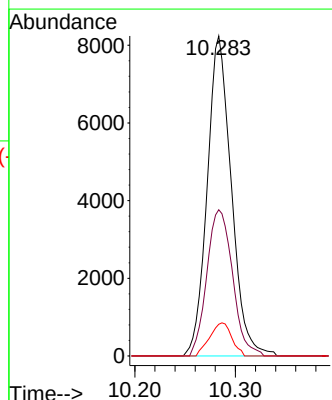
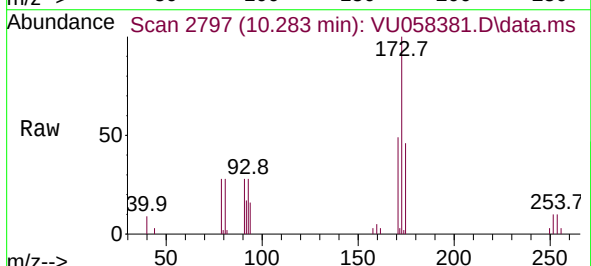
Tgt Ion:173 Resp: 13720

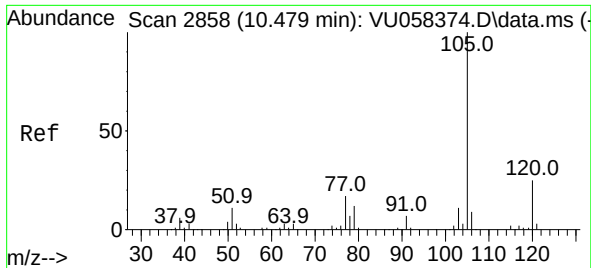
Ion Ratio Lower Upper

173 100

175 48.7 38.0 57.0

254 9.5 7.5 11.3

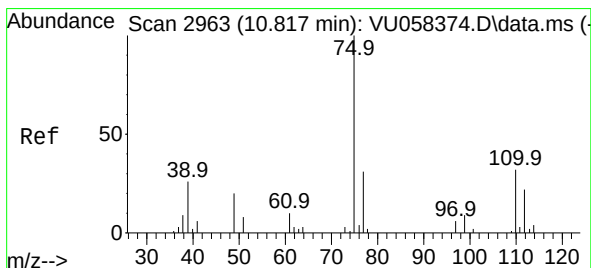
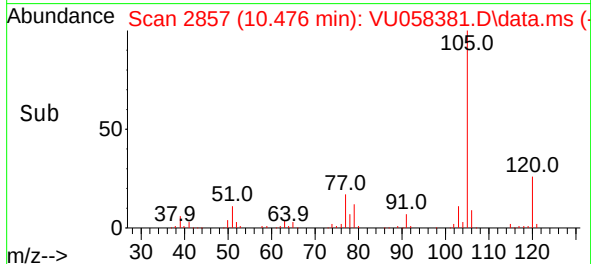
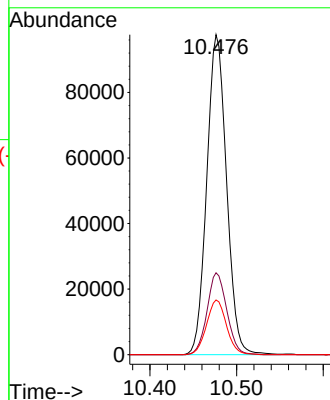
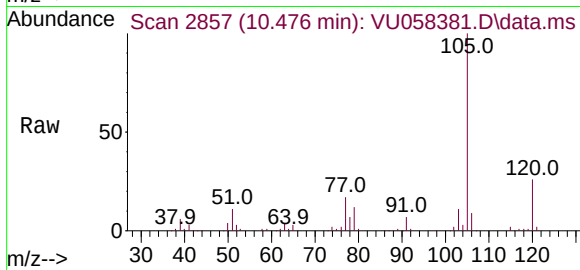




#60
Isopropylbenzene
Concen: 5.455 ug/L
RT: 10.476 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

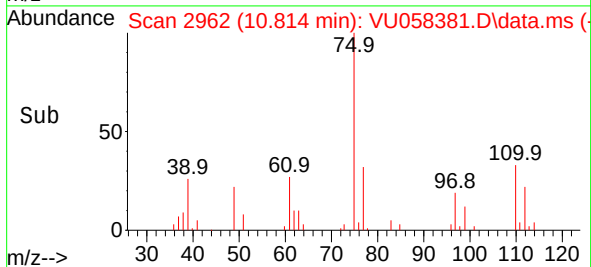
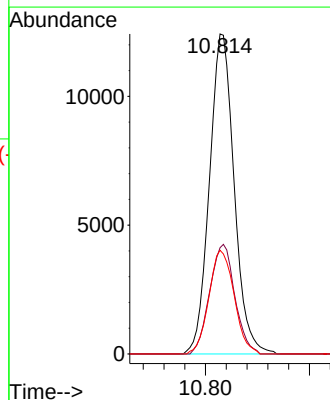
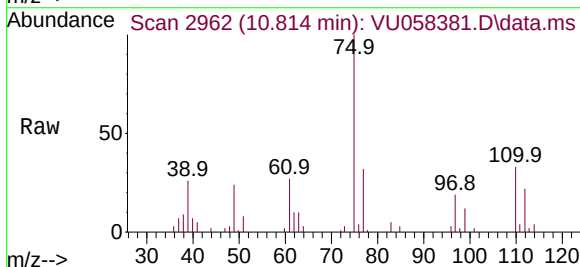
Instrument :
MSVOA_U
ClientSampleId :

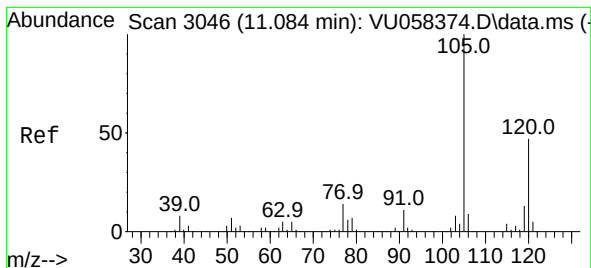
Tgt Ion:105 Resp: 154901
Ion Ratio Lower Upper
105 100
120 25.5 20.2 30.4
77 17.2 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 5.181 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

Tgt Ion: 75 Resp: 20504
Ion Ratio Lower Upper
75 100
110 34.9 25.8 38.6
77 33.1 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 5.436 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU058381.D

Acq: 04 Apr 2024 20:49

Instrument :

MSVOA_U

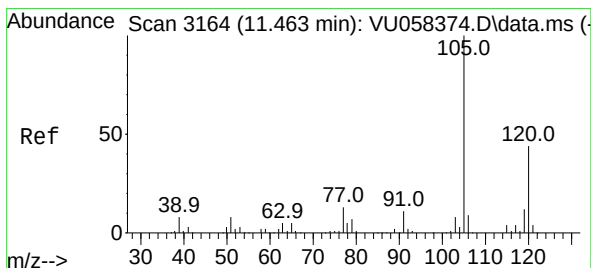
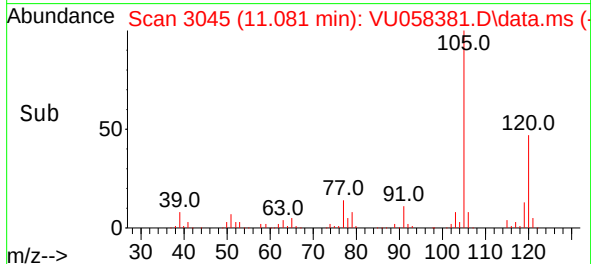
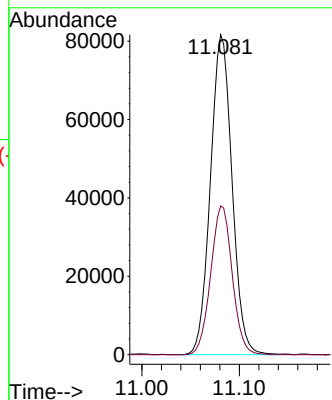
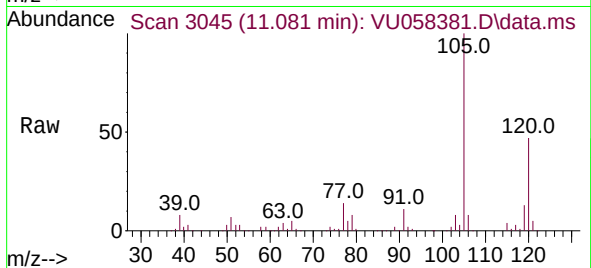
ClientSampleId :

Tgt Ion:105 Resp: 125880

Ion Ratio Lower Upper

105 100

120 46.3 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 5.396 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU058381.D

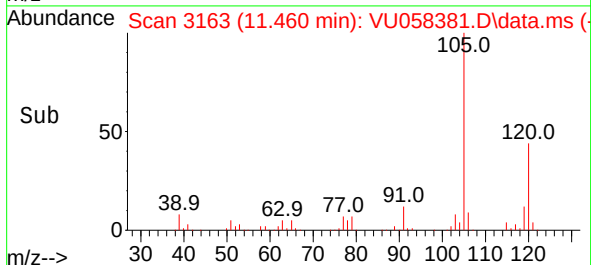
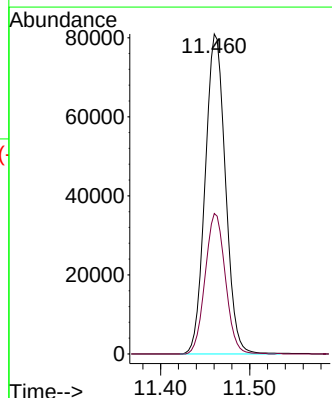
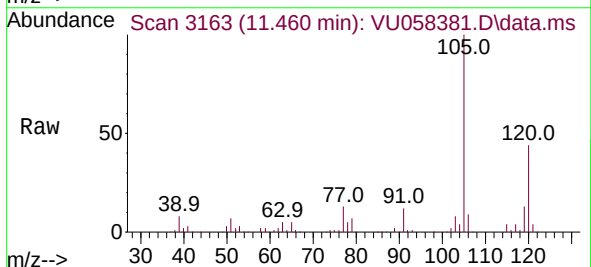
Acq: 04 Apr 2024 20:49

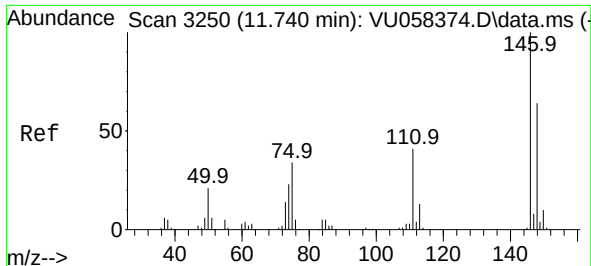
Tgt Ion:105 Resp: 127592

Ion Ratio Lower Upper

105 100

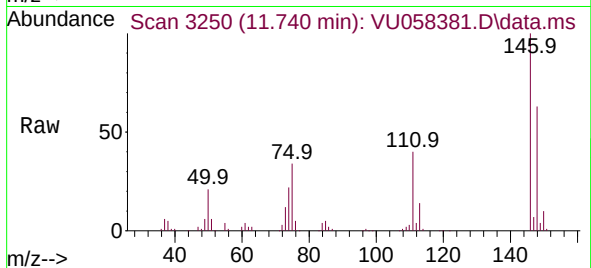
120 43.8 34.7 52.1



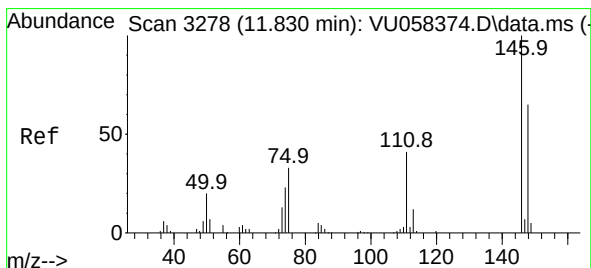
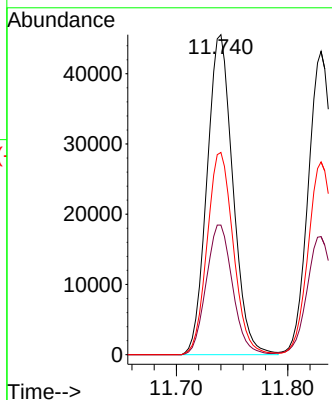
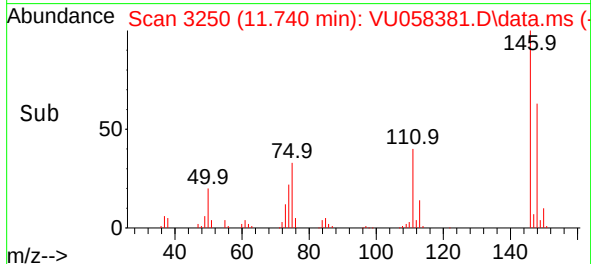


#64
1,3-Dichlorobenzene
Concen: 5.357 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

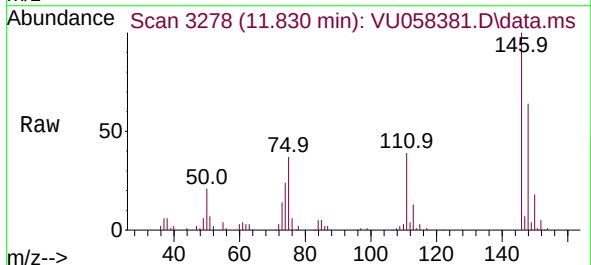
Instrument :
MSVOA_U
ClientSampleId :



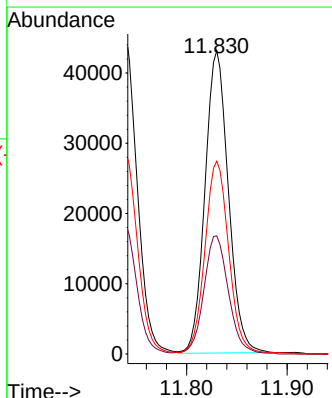
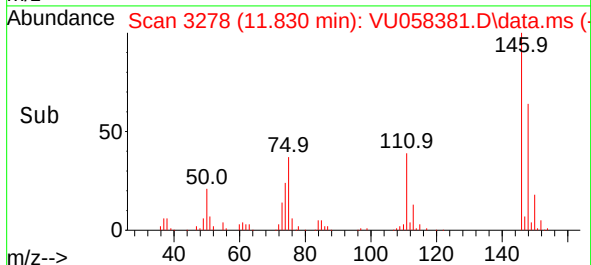
Tgt Ion:146 Resp: 73891
Ion Ratio Lower Upper
146 100
111 40.5 28.8 53.4
148 63.2 44.9 83.3

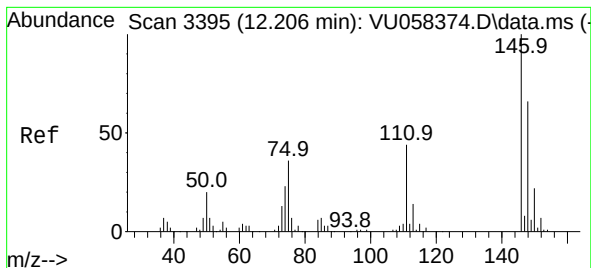


#65
1,4-Dichlorobenzene
Concen: 5.179 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49



Tgt Ion:146 Resp: 69592
Ion Ratio Lower Upper
146 100
111 38.9 28.8 53.6
148 63.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.214 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058381.D

Acq: 04 Apr 2024 20:49

Instrument :

MSVOA_U

ClientSampleId :

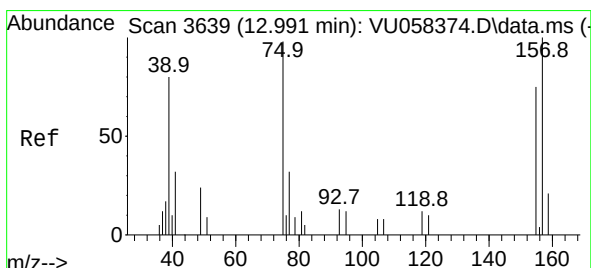
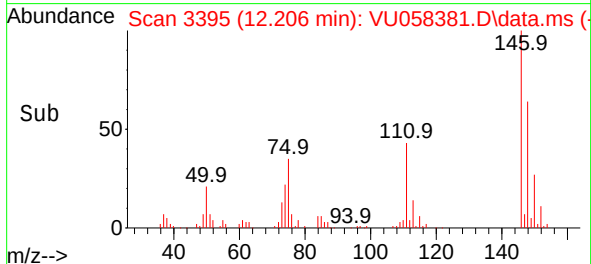
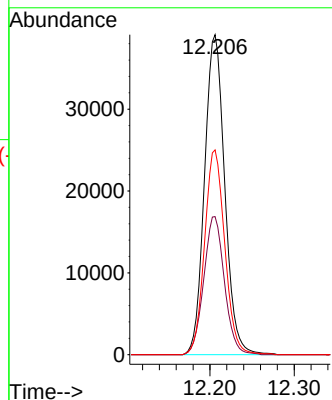
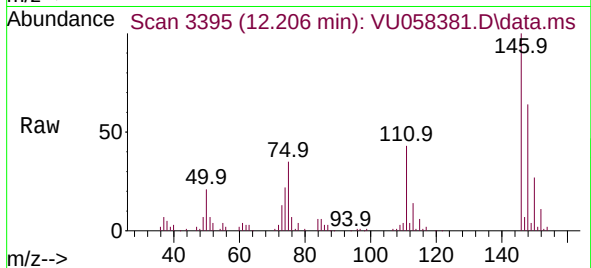
Tgt Ion:146 Resp: 65418

Ion Ratio Lower Upper

146 100

111 43.1 35.0 52.4

148 64.0 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 6.026 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU058381.D

Acq: 04 Apr 2024 20:49

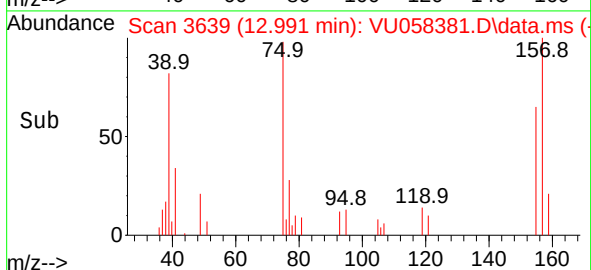
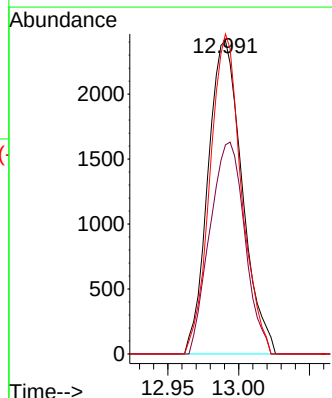
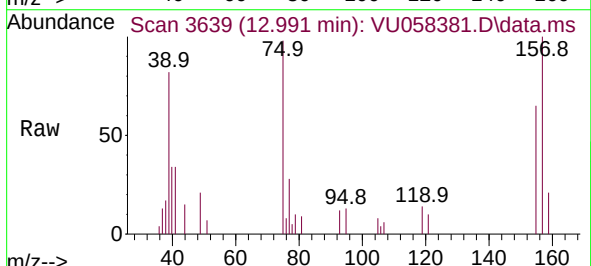
Tgt Ion: 75 Resp: 4044

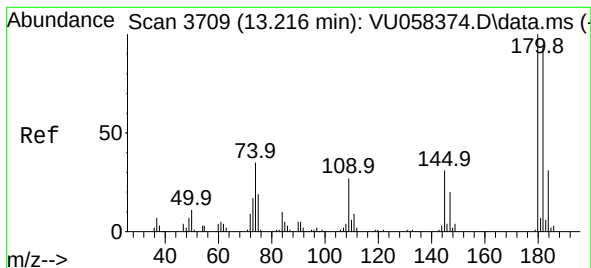
Ion Ratio Lower Upper

75 100

155 66.7 61.4 92.0

157 102.2 81.7 122.5





#69

1,3,5-Trichlorobenzene

Concen: 5.245 ug/L

RT: 13.213 min Scan# 31

Delta R.T. -0.003 min

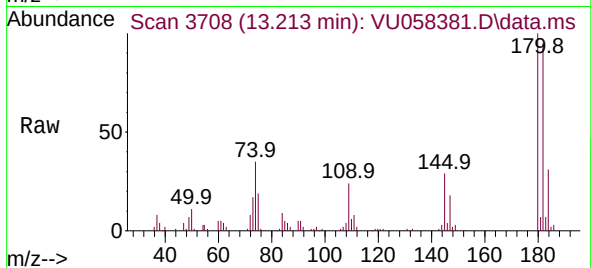
Lab File: VU058381.D

Acq: 04 Apr 2024 20:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 53499

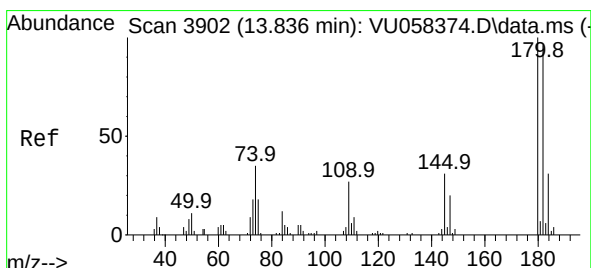
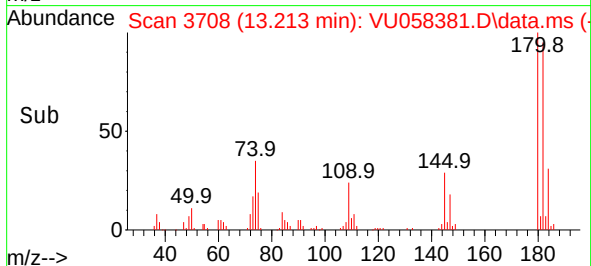
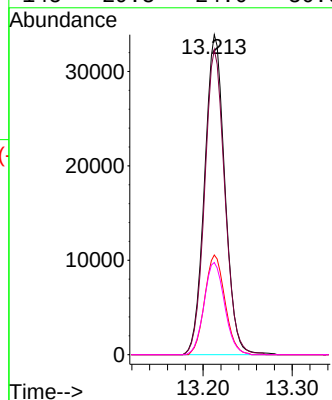
Ion Ratio Lower Upper

180 100

182 94.8 75.7 113.5

184 31.1 24.3 36.5

145 29.3 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 5.080 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU058381.D

Acq: 04 Apr 2024 20:49

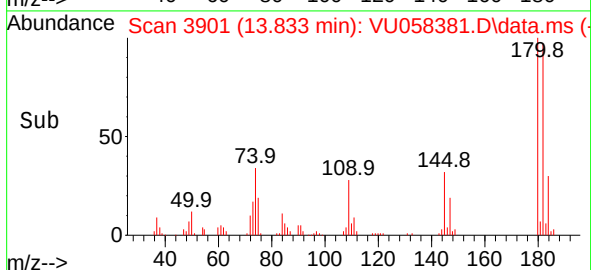
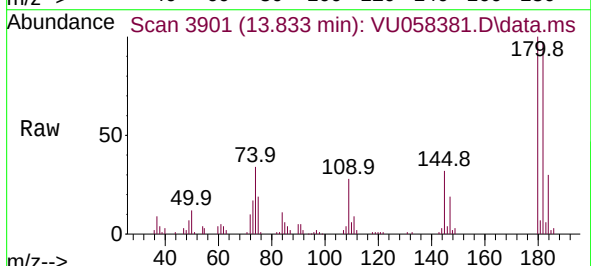
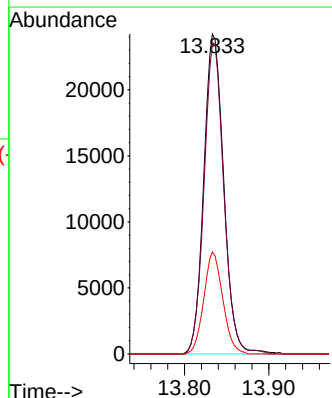
Tgt Ion:180 Resp: 39954

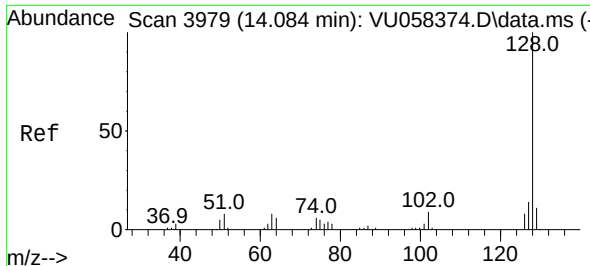
Ion Ratio Lower Upper

180 100

182 96.2 74.4 111.6

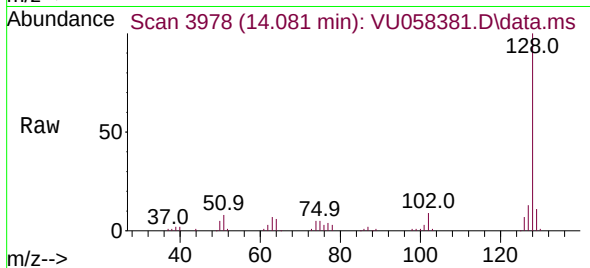
145 30.3 24.1 36.1



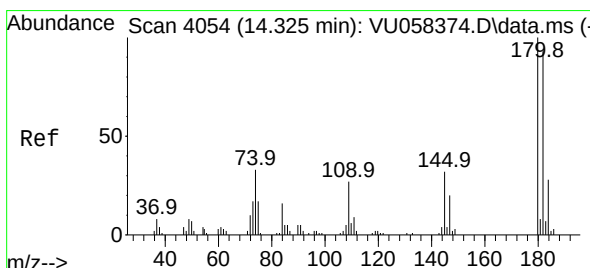
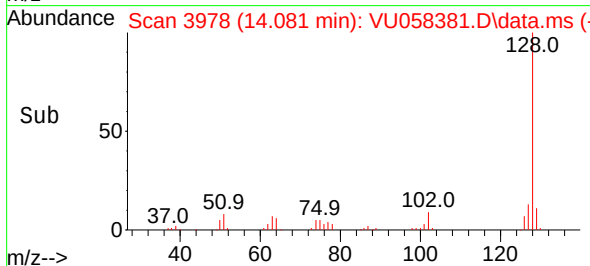
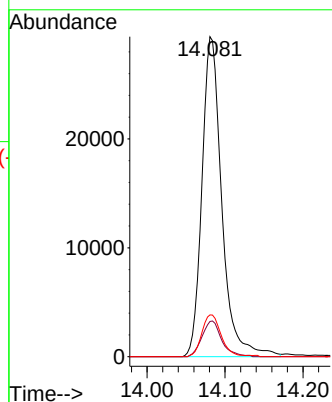


#71
Naphthalene
Concen: 4.825 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 51999
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.7 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 5.111 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU058381.D
Acq: 04 Apr 2024 20:49

Tgt Ion:180 Resp: 33198
Ion Ratio Lower Upper
180 100
182 95.6 75.9 113.9
145 31.8 25.2 37.8

