

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
 Data File : VU058797.D
 Acq On : 25 Apr 2024 10:05
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 26 02:09:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 24 00:34:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	74168	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	69416	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	34763	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19627	3.364	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.200%
7) Chloroethane-d5	1.904	69	14987	3.409	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.200%
11) 1,1-Dichloroethene-d2	2.557	65	12156	4.139	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.621	46	40933	39.935	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.880%
24) Chloroform-d	5.052	84	57535	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.692	65	28484	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.718	84	97182	4.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.682	67	27429	4.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.891	98	90250	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.174	79	10883	4.536	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.624	63	29398	41.348	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.700%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	17138	4.270	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	30336	5.007	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	43148	5.312	ug/L	98
3) Chloromethane	1.512	50	23991	3.773	ug/L	99
5) Vinyl chloride	1.596	62	25392	3.936	ug/L	97
6) Bromomethane	1.850	94	17091	4.477	ug/L	93
8) Chloroethane	1.927	64	14192	3.906	ug/L	96
9) Trichlorofluoromethane	2.129	101	53918	5.340	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	31220	5.187	ug/L	95
12) 1,1-Dichloroethene	2.570	96	25838	4.784	ug/L	96
13) Acetone	2.637	43	33272	46.967	ug/L	99
14) Carbon disulfide	2.785	76	83078	4.522	ug/L	99
15) Methyl Acetate	2.946	43	7347	4.326	ug/L	100
16) Methylene chloride	3.033	84	30105	5.179	ug/L	95
17) Methyl tert-butyl Ether	3.348	73	59162	4.838	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	26897	4.972	ug/L	96
19) 1,1-Dichloroethane	3.856	63	54482	4.755	ug/L	96
21) 2-Butanone	4.702	43	42357	38.023	ug/L	91
22) cis-1,2-Dichloroethene	4.657	96	28921	4.866	ug/L	96
23) Bromochloromethane	4.965	128	11956	5.138	ug/L	88
25) Chloroform	5.074	83	60570	5.086	ug/L	98

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 Acq On : 25 Apr 2024 10:05
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 26 02:09:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 24 00:34:42 2024
 Response via : Initial Calibration

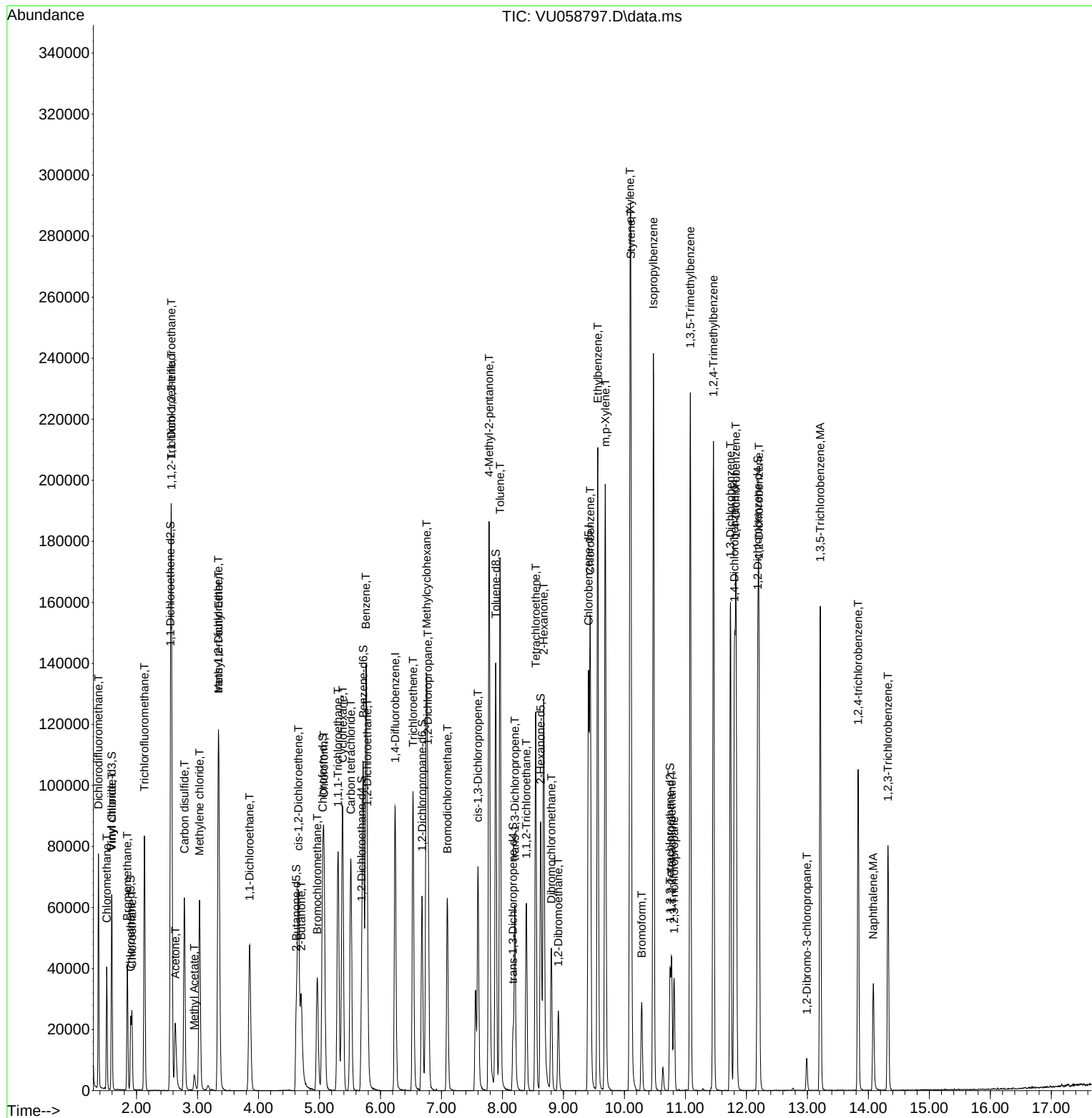
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	38245	5.368	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	59430	5.736	ug/L	98
30) Cyclohexane	5.380	56	43408	4.439	ug/L	88
31) Carbon tetrachloride	5.515	117	54488	5.950	ug/L	98
33) Benzene	5.763	78	117376	4.887	ug/L	100
34) Trichloroethene	6.534	95	34258	5.242	ug/L	99
35) Methylcyclohexane	6.756	83	48661	4.900	ug/L	95
37) 1,2-Dichloropropane	6.779	63	28303	4.512	ug/L	98
38) Bromodichloromethane	7.097	83	41048	5.282	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	42956	4.946	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	118340	42.738	ug/L	98
42) Toluene	7.962	91	126918	5.113	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	34837	5.210	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	18338	5.080	ug/L	96
47) Tetrachloroethene	8.547	164	25822	5.630	ug/L	96
48) 2-Hexanone	8.676	43	81118	41.240	ug/L	98
49) Dibromochloromethane	8.801	129	24020	5.682	ug/L	96
50) 1,2-Dibromoethane	8.917	107	16891	5.086	ug/L	95
51) Chlorobenzene	9.441	112	77919	5.153	ug/L	98
52) Ethylbenzene	9.563	91	142997	5.224	ug/L	99
53) m,p-Xylene	9.688	106	52996	5.271	ug/L	96
54) o-Xylene	10.094	106	51881	5.443	ug/L	95
55) Styrene	10.106	104	84268	5.427	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	19101	4.540	ug/L #	98
59) Bromoform	10.283	173	12812	5.262	ug/L	99
60) Isopropylbenzene	10.476	105	145818	5.288	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	15704	4.963	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	122162	5.323	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	118777	5.470	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	63016	5.302	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	61049	5.264	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	54171	5.265	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	3253	5.949	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	47489	5.585	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	31599	5.346	ug/L	100
71) Naphthalene	14.081	128	31658	4.427	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	24427	5.214	ug/L	98

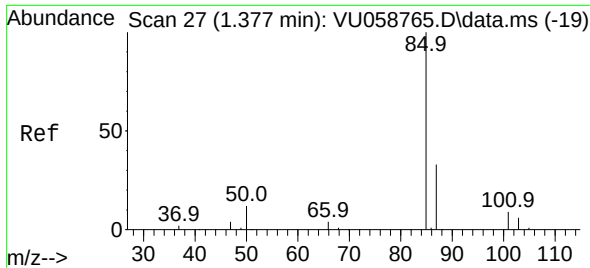
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058797.D
Acq On : 25 Apr 2024 10:05
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 26 02:09:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 24 00:34:42 2024
Response via : Initial Calibration

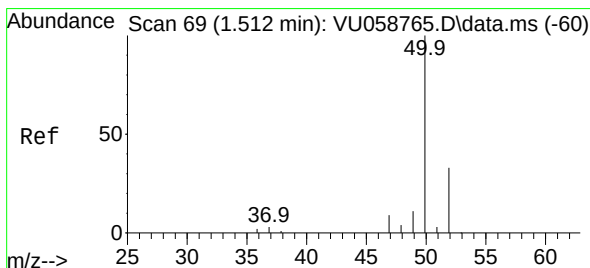
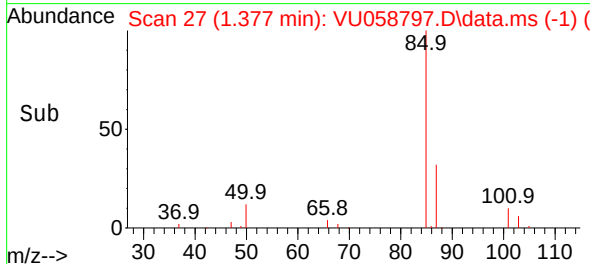
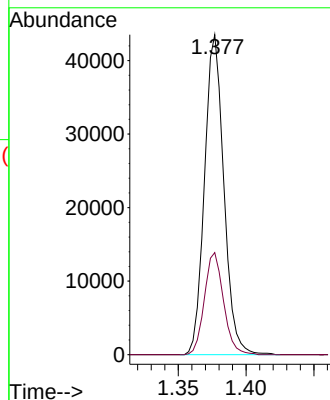
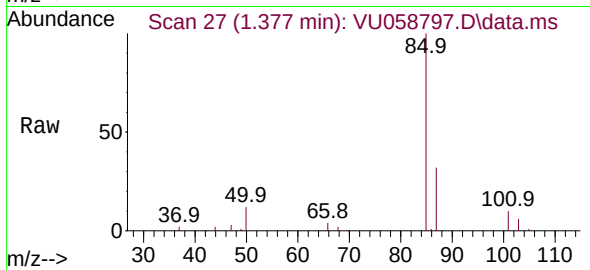




#2
 Dichlorodifluoromethane
 Concen: 5.312 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU058797.D
 Acq: 25 Apr 2024 10:05

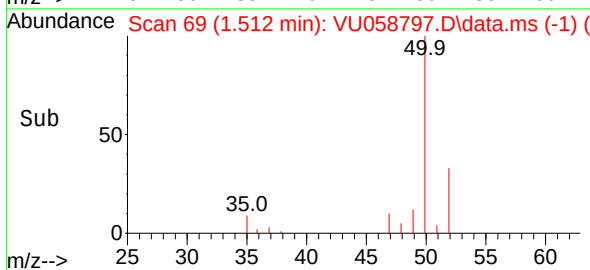
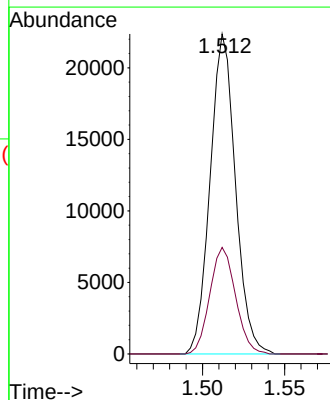
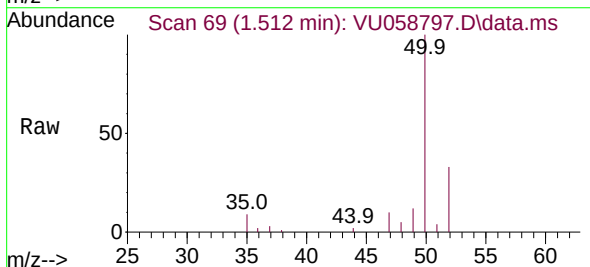
Instrument :
 MSVOA_U
 ClientSampleId :

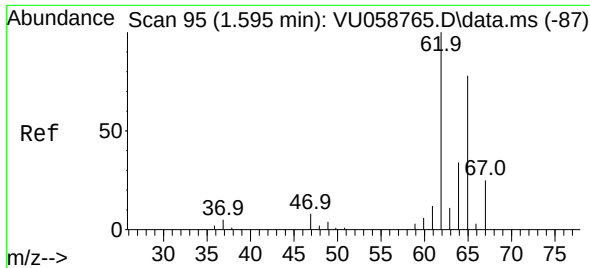
Tgt Ion: 85 Resp: 43148
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.0 39.0



#3
 Chloromethane
 Concen: 3.773 ug/L
 RT: 1.512 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VU058797.D
 Acq: 25 Apr 2024 10:05

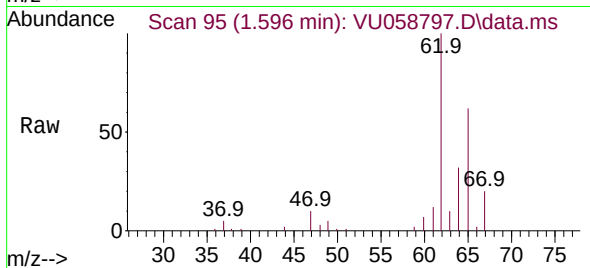
Tgt Ion: 50 Resp: 23991
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.0 42.8



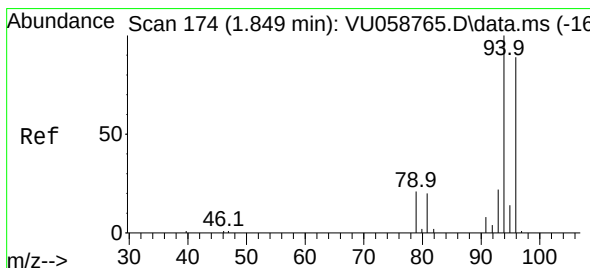
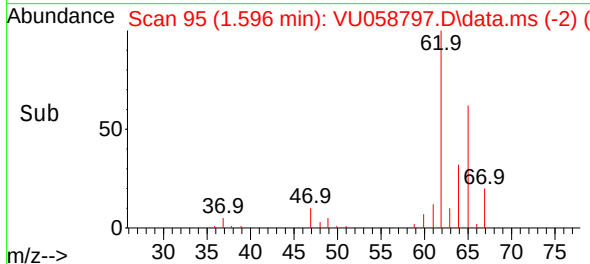
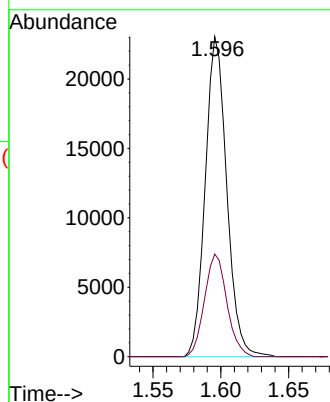


#5
 Vinyl chloride
 Concen: 3.936 ug/L
 RT: 1.596 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VU058797.D
 Acq: 25 Apr 2024 10:05

Instrument :
 MSVOA_U
 ClientSampleId :

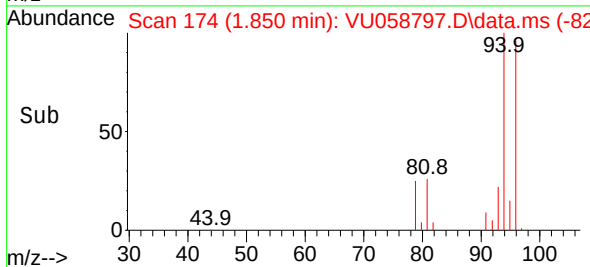
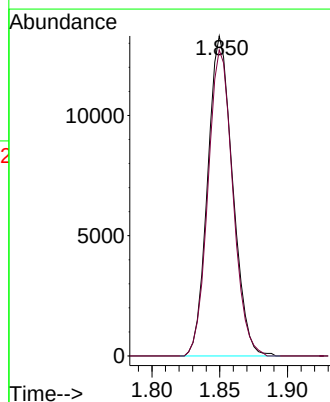
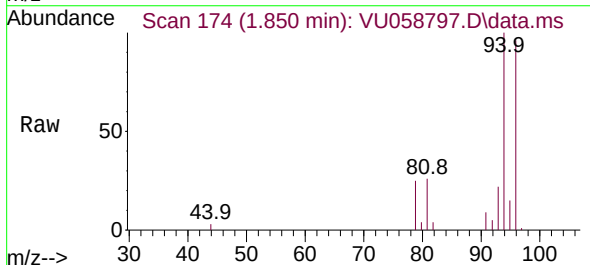


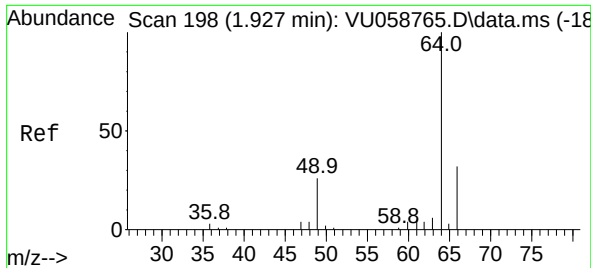
Tgt Ion: 62 Resp: 25392
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.8 44.2



#6
 Bromomethane
 Concen: 4.477 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. -0.003 min
 Lab File: VU058797.D
 Acq: 25 Apr 2024 10:05

Tgt Ion: 94 Resp: 17091
 Ion Ratio Lower Upper
 94 100
 96 95.7 62.2 115.6

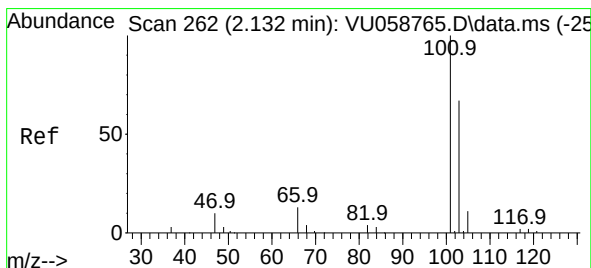
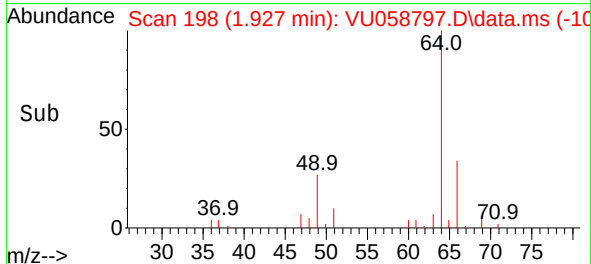
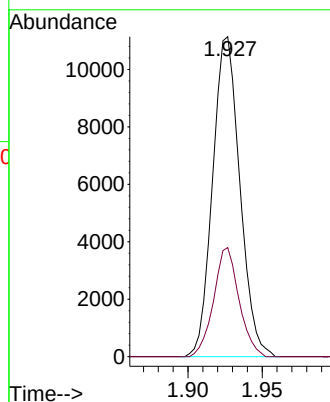
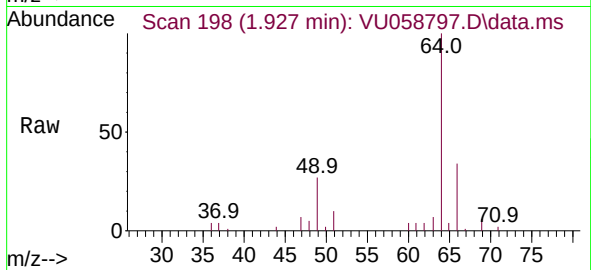




#8
Chloroethane
Concen: 3.906 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

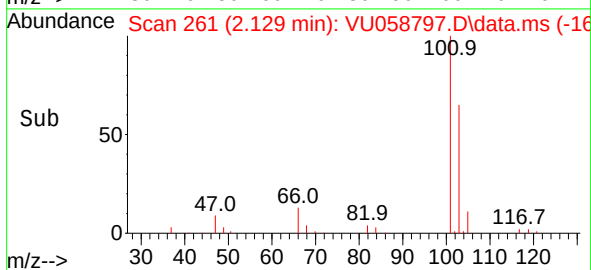
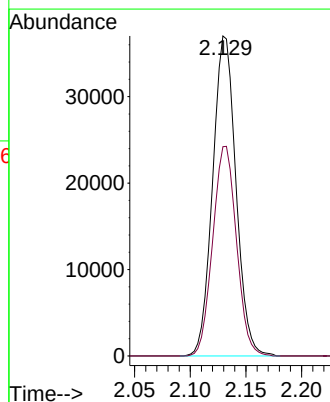
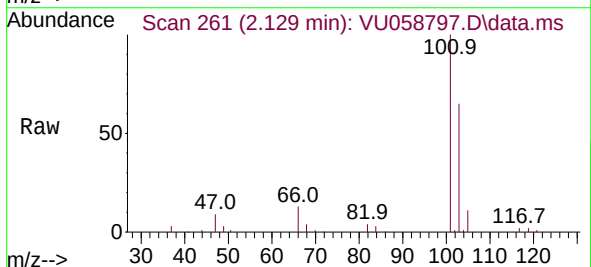
Instrument :
MSVOA_U
ClientSampleId :

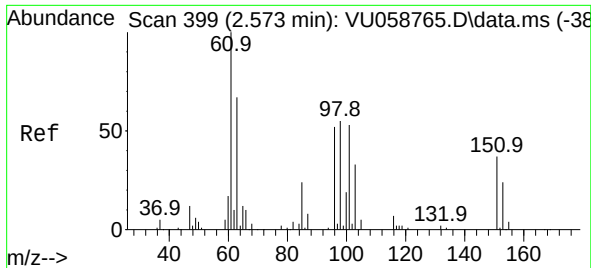
Tgt Ion: 64 Resp: 14192
Ion Ratio Lower Upper
64 100
66 34.1 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.340 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

Tgt Ion:101 Resp: 53918
Ion Ratio Lower Upper
101 100
103 66.7 52.6 78.8

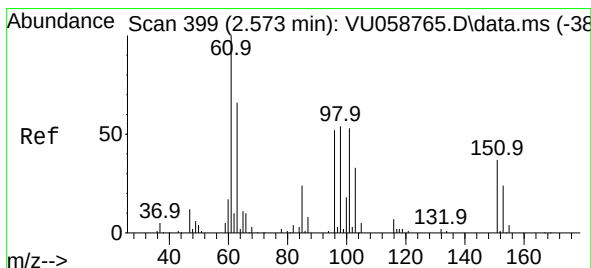
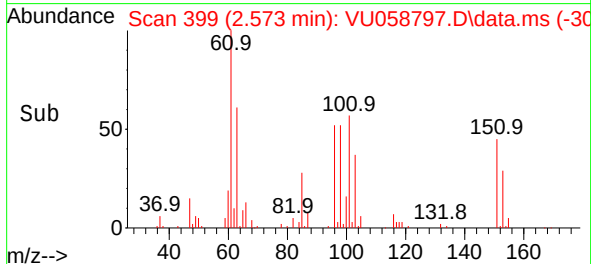
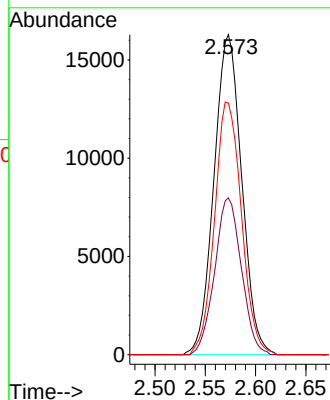
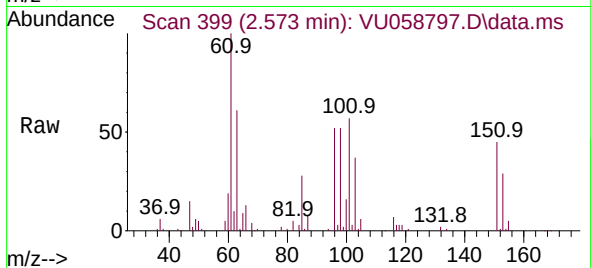




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.187 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU058797.D
 Acq: 25 Apr 2024 10:05

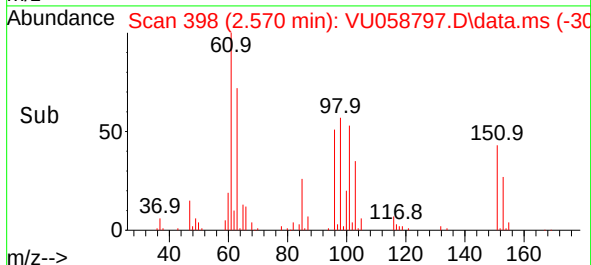
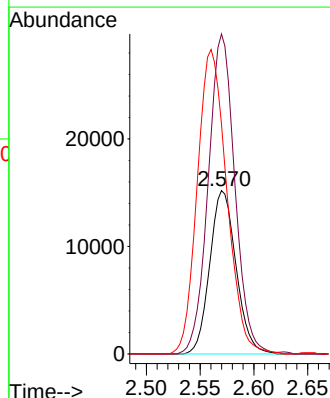
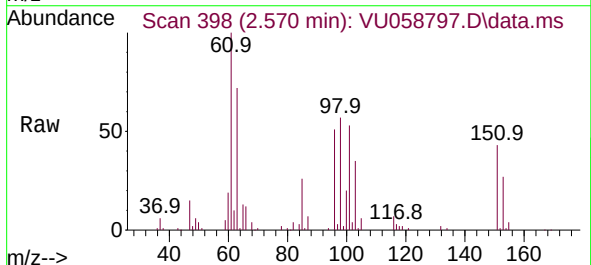
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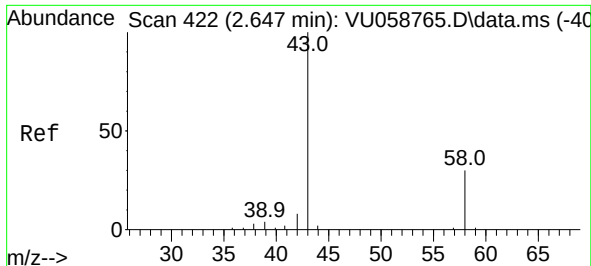
Tgt Ion:101 Resp: 31220
 Ion Ratio Lower Upper
 101 100
 85 47.2 36.7 55.1
 151 76.7 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 4.784 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU058797.D
 Acq: 25 Apr 2024 10:05

Tgt Ion: 96 Resp: 25838
 Ion Ratio Lower Upper
 96 100
 61 195.9 135.3 251.3
 63 140.7 91.9 170.7





#13

Acetone

Concen: 46.967 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.006 min

Lab File: VU058797.D

Acq: 25 Apr 2024 10:05

Instrument :

MSVOA_U

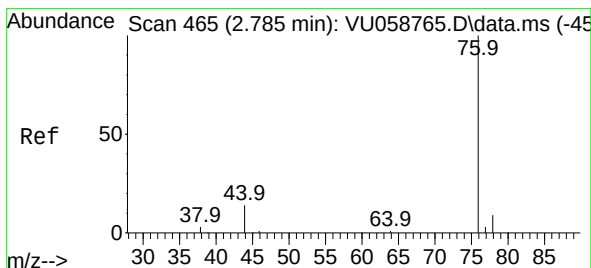
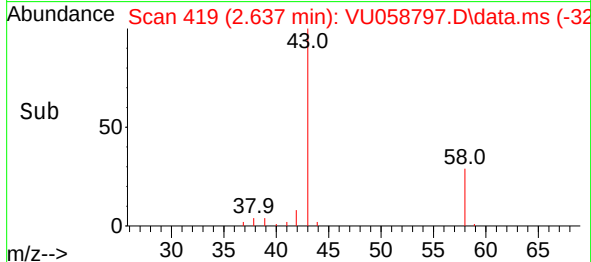
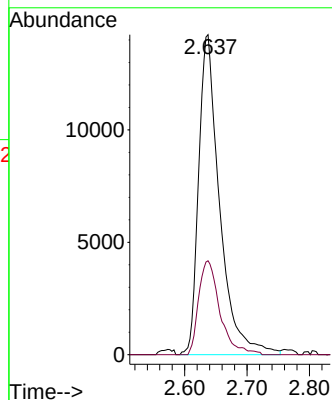
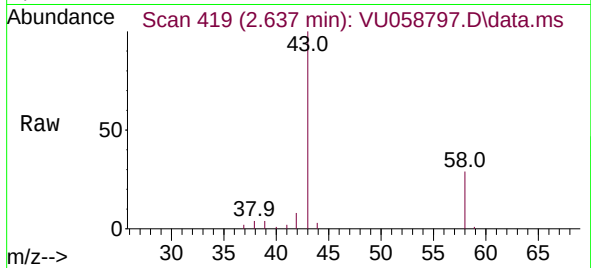
ClientSampleId :

Tgt Ion: 43 Resp: 33272

Ion Ratio Lower Upper

43 100

58 29.8 0.0 61.2



#14

Carbon disulfide

Concen: 4.522 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU058797.D

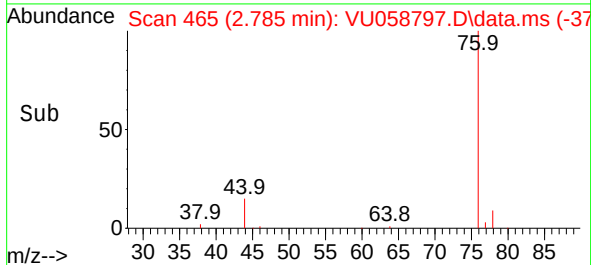
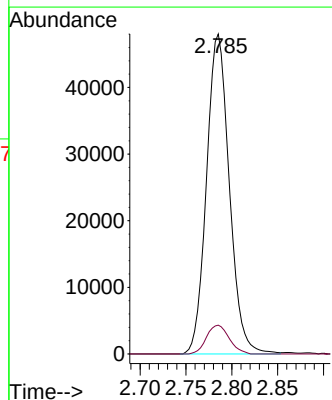
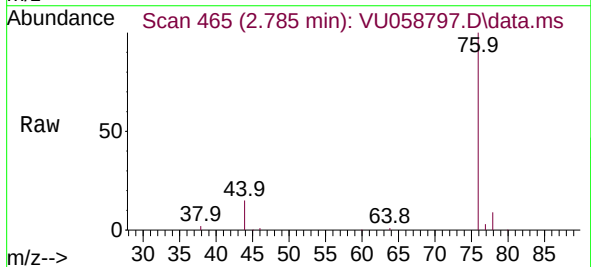
Acq: 25 Apr 2024 10:05

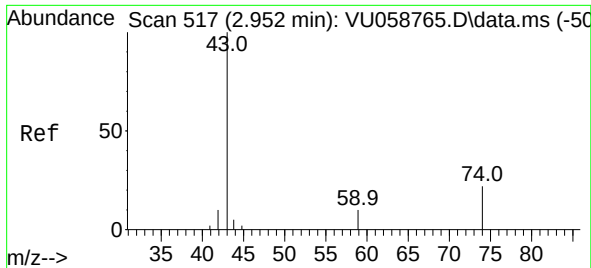
Tgt Ion: 76 Resp: 83078

Ion Ratio Lower Upper

76 100

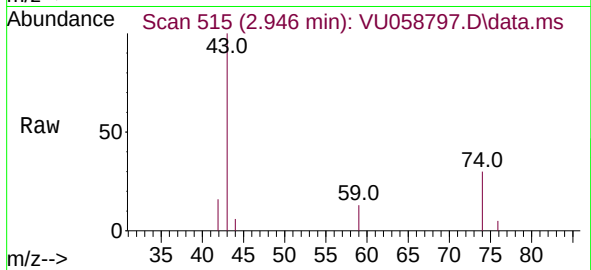
78 9.0 7.4 11.2



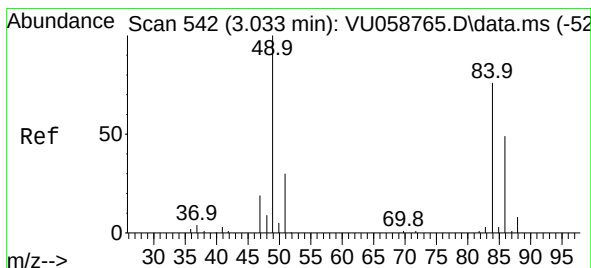
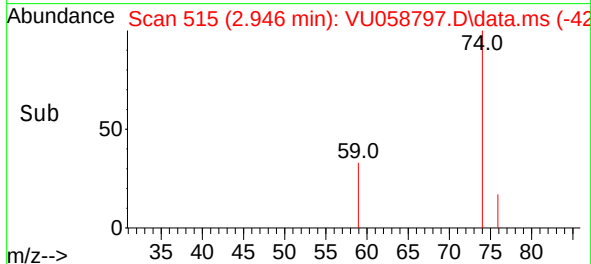
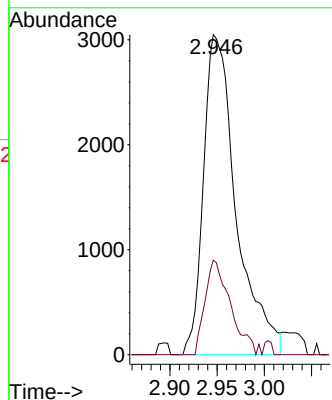


#15
Methyl Acetate
Concen: 4.326 ug/L
RT: 2.946 min Scan# 515
Delta R.T. -0.003 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

Instrument :
MSVOA_U
ClientSampleId :

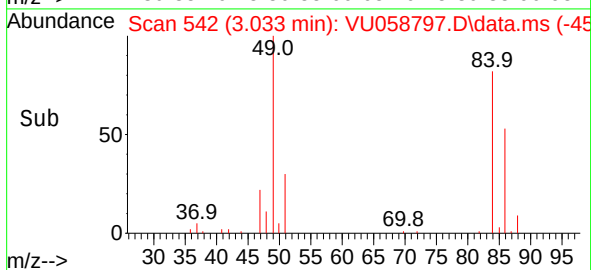
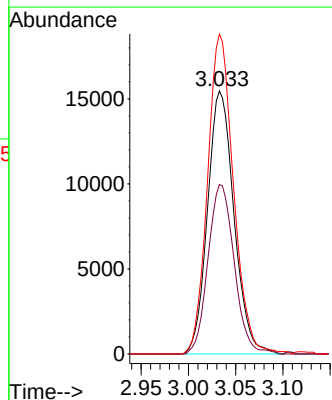
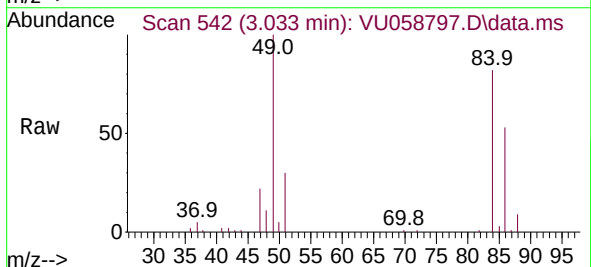


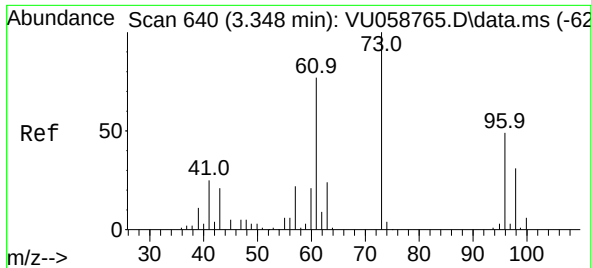
Tgt Ion: 43 Resp: 7347
Ion Ratio Lower Upper
43 100
74 22.8 18.2 27.4



#16
Methylene chloride
Concen: 5.179 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.003 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

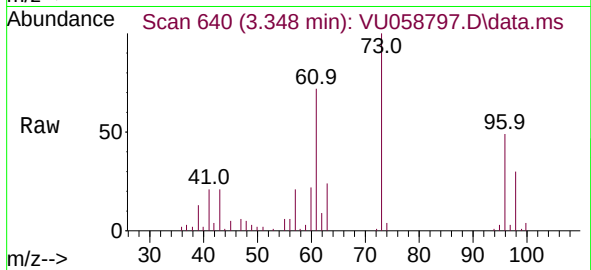
Tgt Ion: 84 Resp: 30105
Ion Ratio Lower Upper
84 100
86 64.4 45.0 83.6
49 121.6 91.6 170.2





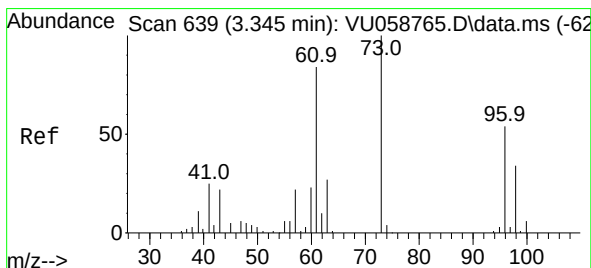
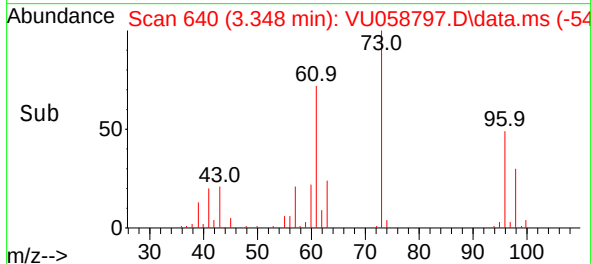
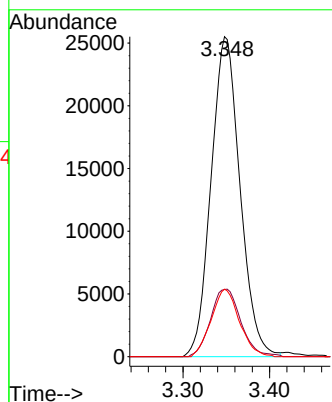
#17
Methyl tert-butyl Ether
Concen: 4.838 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 73 Resp: 59162

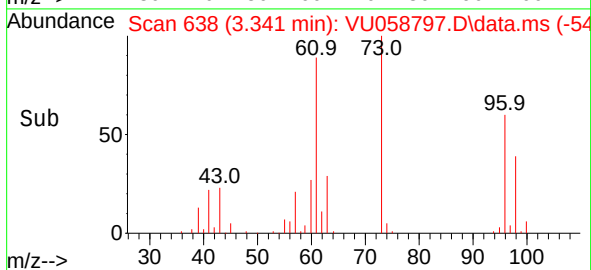
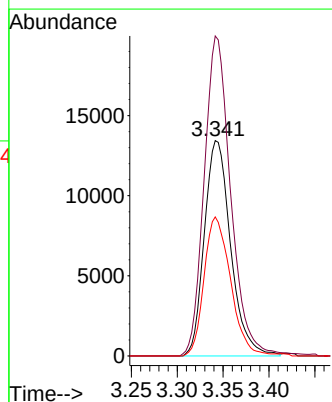
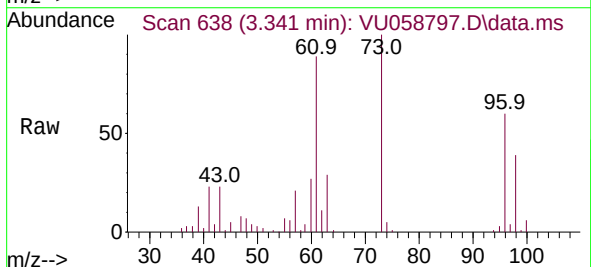
Ion	Ratio	Lower	Upper
73	100		
43	22.2	17.7	26.5
57	20.6	17.0	25.4

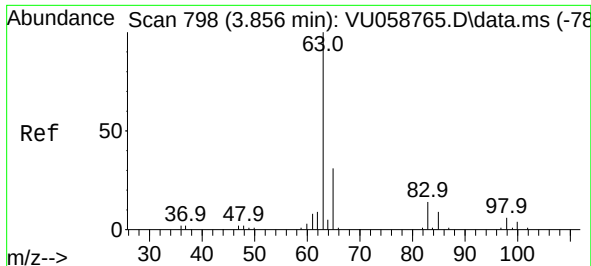


#18
trans-1,2-Dichloroethene
Concen: 4.972 ug/L
RT: 3.341 min Scan# 638
Delta R.T. -0.003 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

Tgt Ion: 96 Resp: 26897

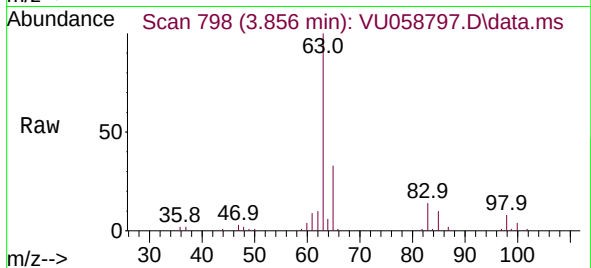
Ion	Ratio	Lower	Upper
96	100		
61	148.6	108.6	201.8
98	64.5	44.4	82.4



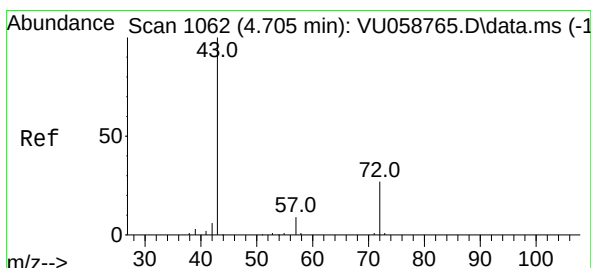
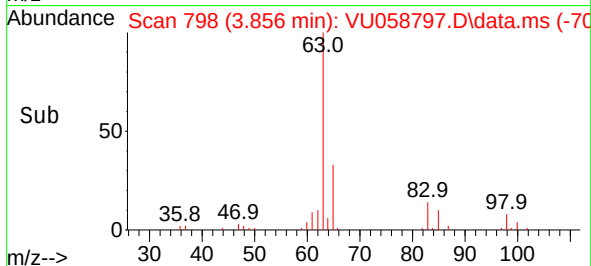
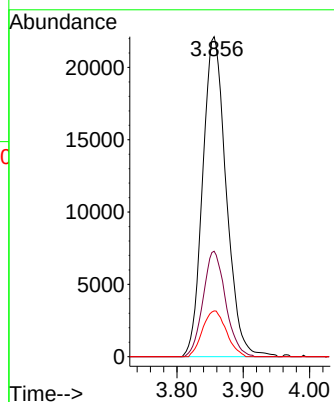


#19
1,1-Dichloroethane
Concen: 4.755 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

Instrument :
MSVOA_U
ClientSampleId :

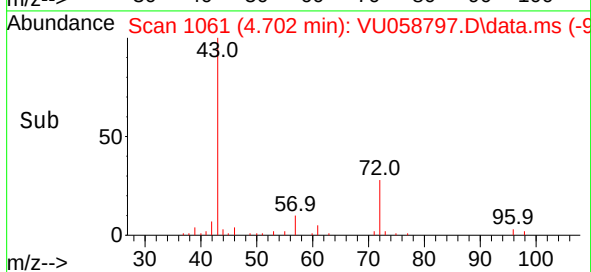
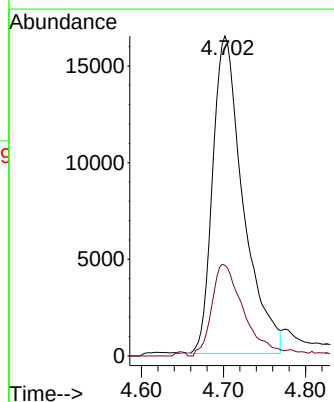
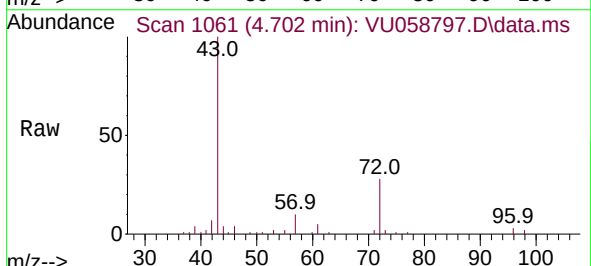


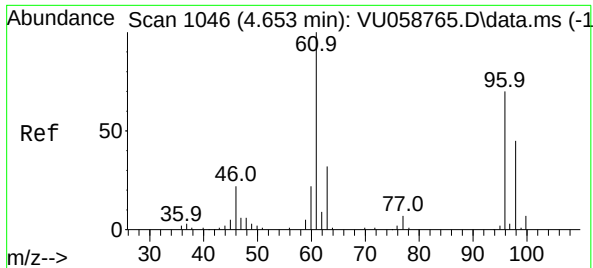
Tgt Ion: 63 Resp: 54482
Ion Ratio Lower Upper
63 100
65 33.9 21.6 40.2
83 14.3 9.5 17.7



#21
2-Butanone
Concen: 38.023 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

Tgt Ion: 43 Resp: 42357
Ion Ratio Lower Upper
43 100
72 30.2 12.8 38.4

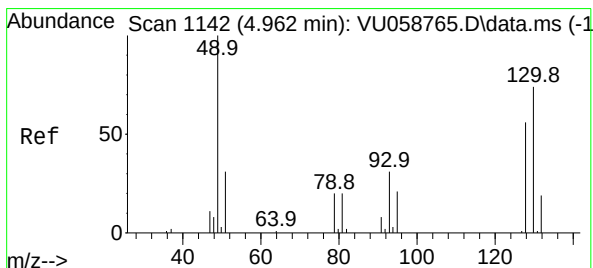
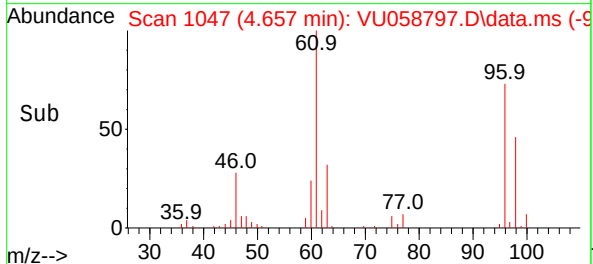
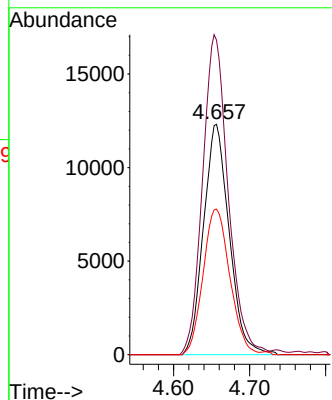
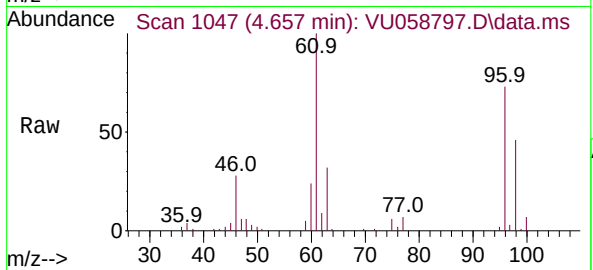




#22
cis-1,2-Dichloroethene
Concen: 4.866 ug/L
RT: 4.657 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

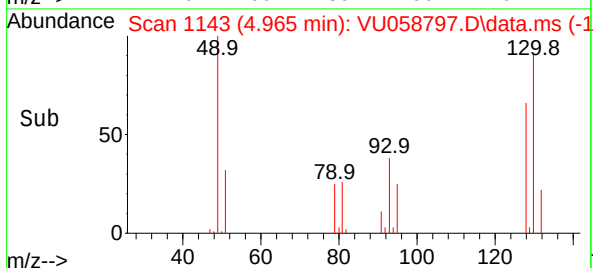
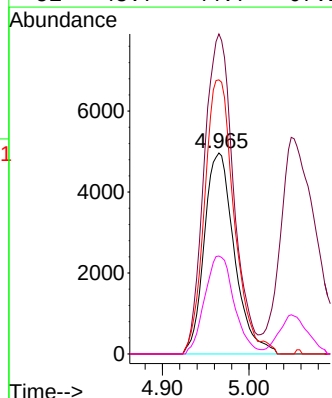
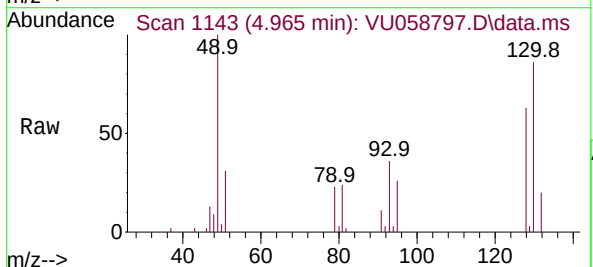
Instrument :
MSVOA_U
ClientSampleId :

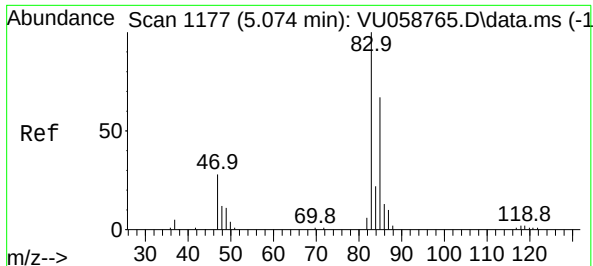
Tgt Ion: 96 Resp: 28921
Ion Ratio Lower Upper
96 100
61 136.6 100.4 186.4
98 63.2 45.1 83.7



#23
Bromochloromethane
Concen: 5.138 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

Tgt Ion:128 Resp: 11956
Ion Ratio Lower Upper
128 100
49 159.2 129.1 239.7
130 136.3 92.1 171.1
51 48.7 44.7 67.1





#25

Chloroform

Concen: 5.086 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU058797.D

Acq: 25 Apr 2024 10:05

Instrument :

MSVOA_U

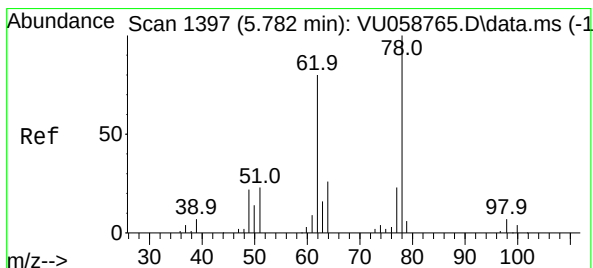
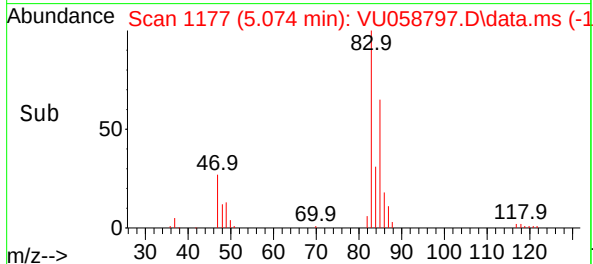
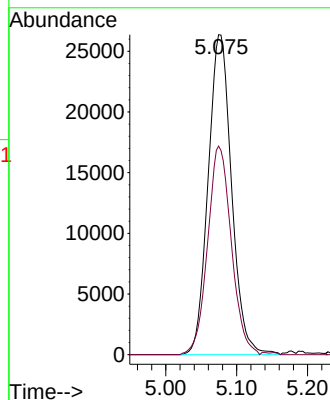
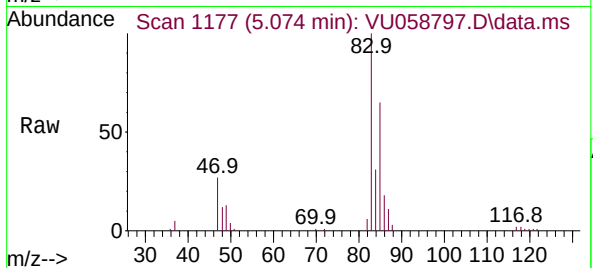
ClientSampleId :

Tgt Ion: 83 Resp: 60570

Ion Ratio Lower Upper

83 100

85 65.2 47.0 87.4



#27

1,2-Dichloroethane

Concen: 5.368 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.003 min

Lab File: VU058797.D

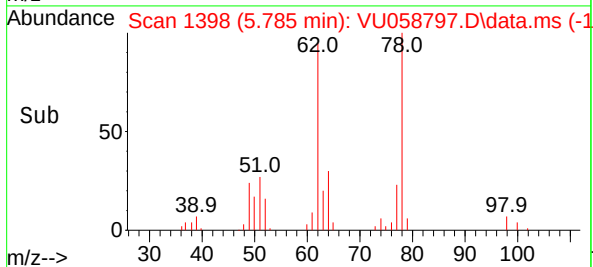
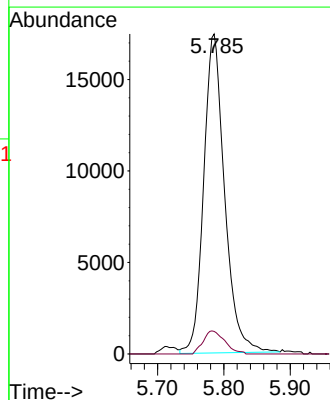
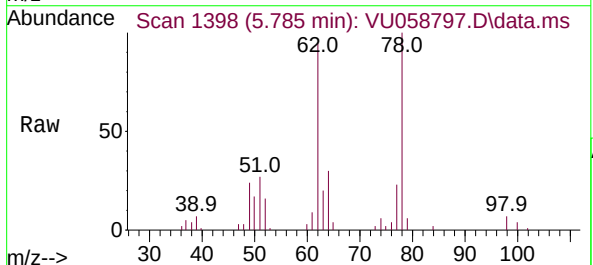
Acq: 25 Apr 2024 10:05

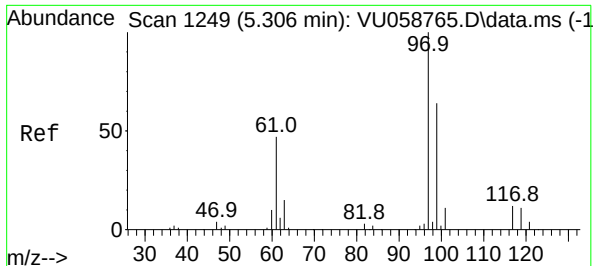
Tgt Ion: 62 Resp: 38245

Ion Ratio Lower Upper

62 100

98 7.1 6.7 10.1

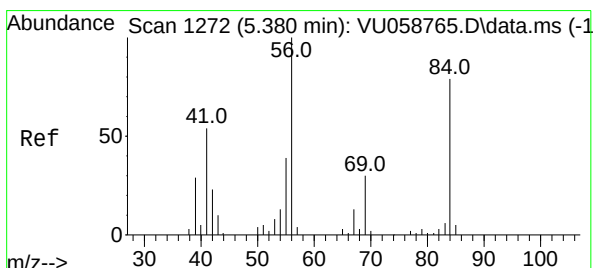
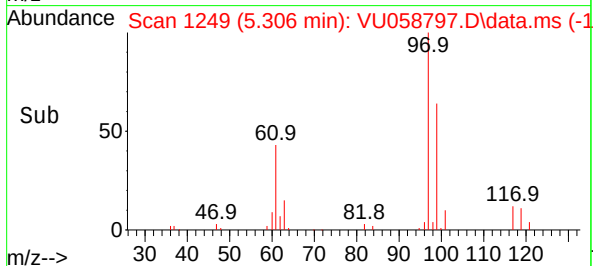
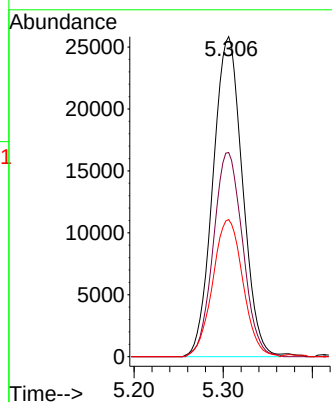
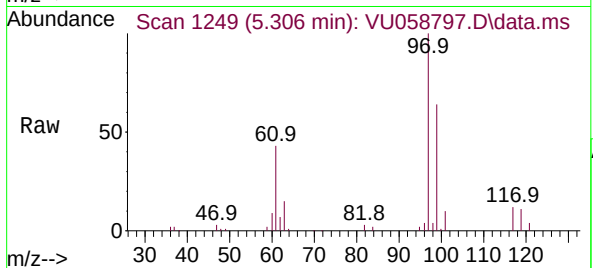




#29
1,1,1-Trichloroethane
Concen: 5.736 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

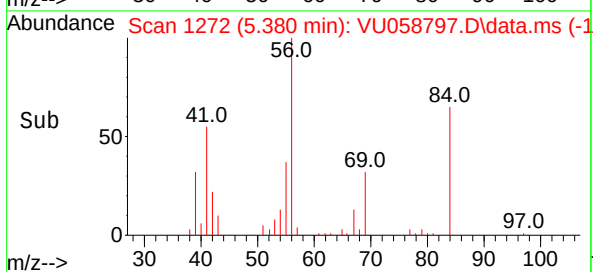
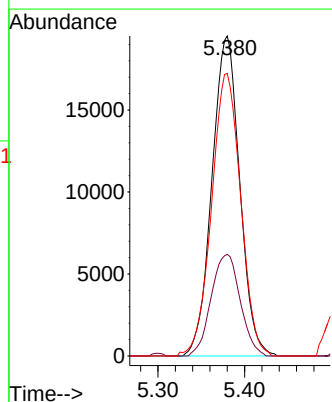
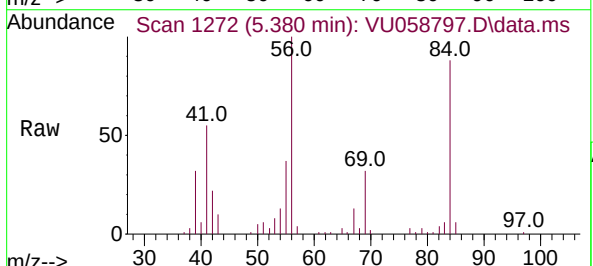
Instrument :
MSVOA_U
ClientSampleId :

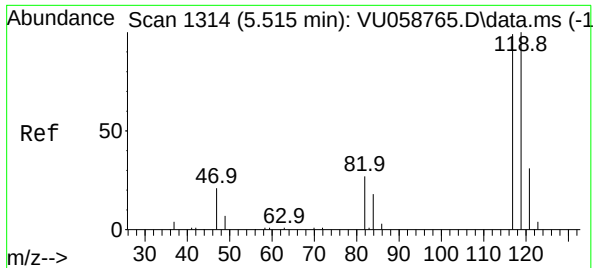
Tgt Ion:	97	Resp:	59430
Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.5	75.7
61	43.9	37.3	55.9



#30
Cyclohexane
Concen: 4.439 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

Tgt Ion:	56	Resp:	43408
Ion	Ratio	Lower	Upper
56	100		
69	33.2	23.7	35.5
84	92.4	64.2	96.4

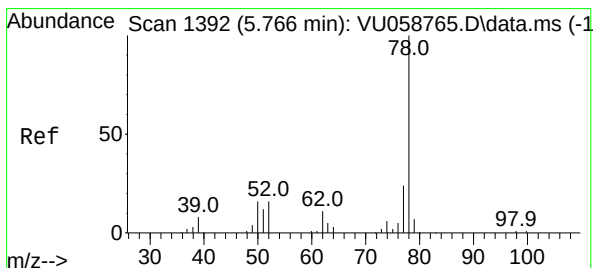
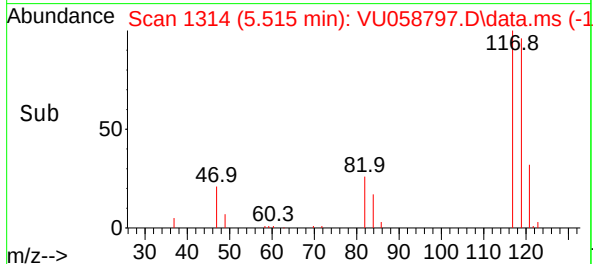
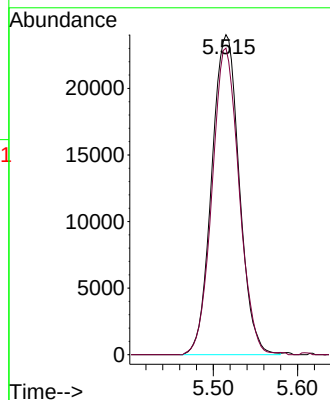
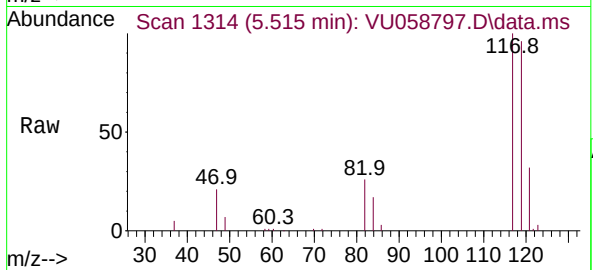




#31
Carbon tetrachloride
Concen: 5.950 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

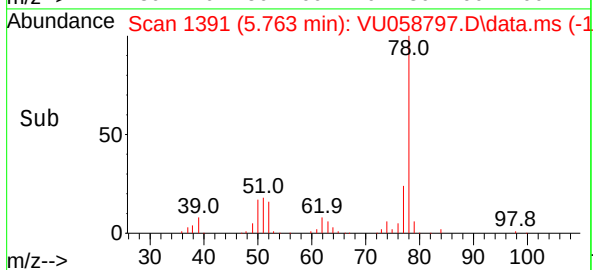
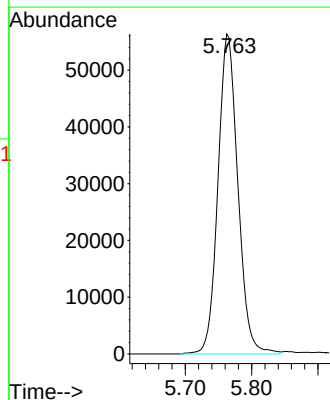
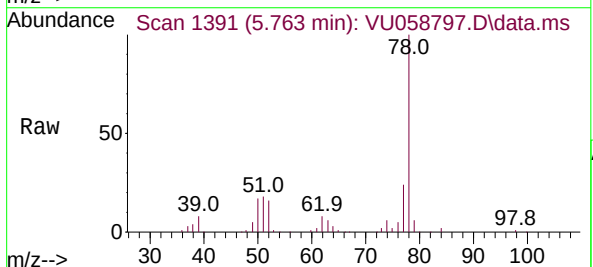
Instrument :
MSVOA_U
ClientSampleId :

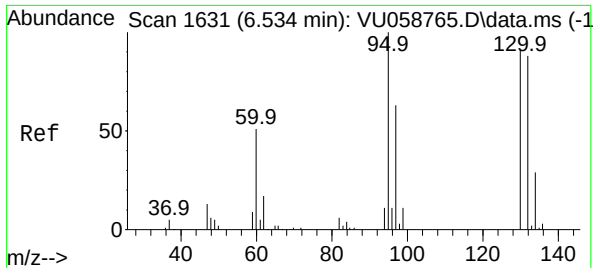
Tgt Ion:117 Resp: 54488
Ion Ratio Lower Upper
117 100
119 93.9 77.0 115.4



#33
Benzene
Concen: 4.887 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

Tgt Ion: 78 Resp: 117376

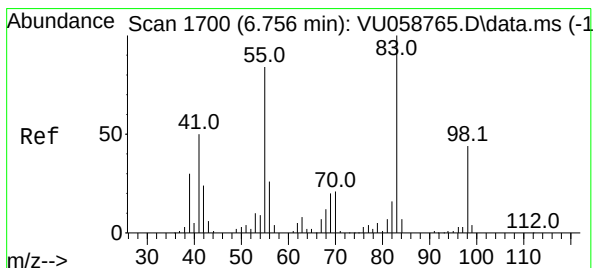
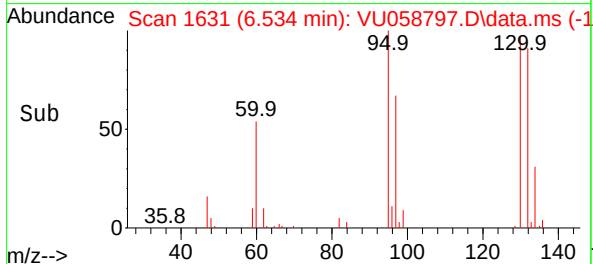
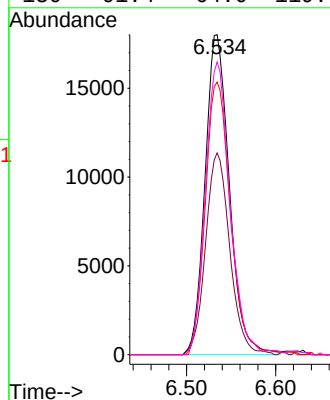
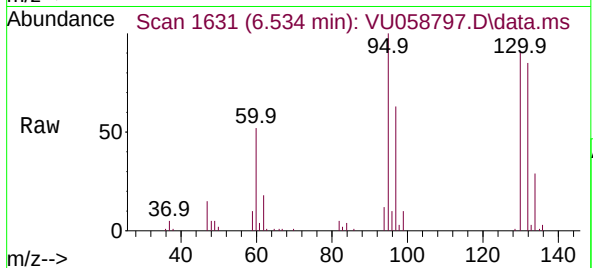




#34
Trichloroethene
Concen: 5.242 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

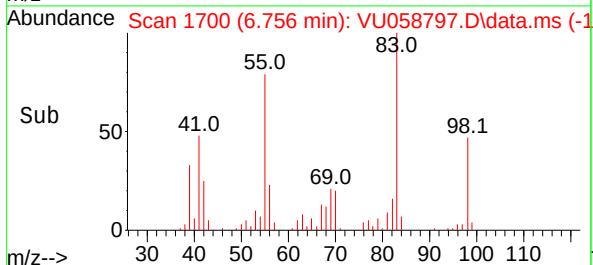
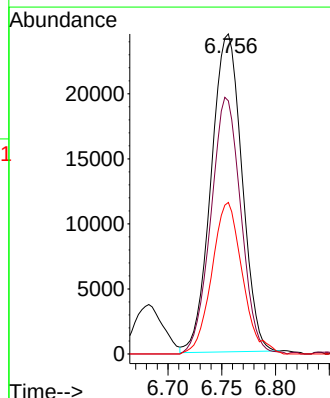
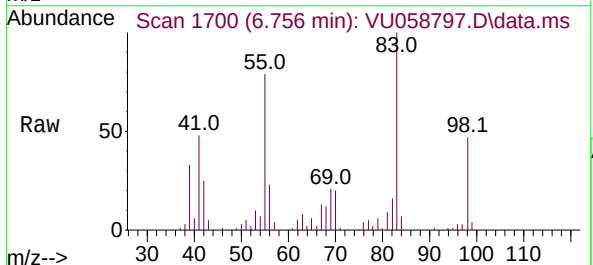
Instrument :
MSVOA_U
ClientSampleId :

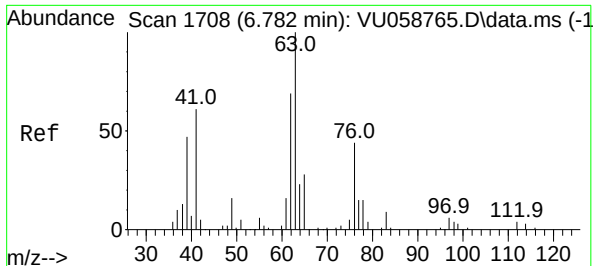
Tgt Ion: 95 Resp: 34258
Ion Ratio Lower Upper
95 100
97 63.0 44.4 82.4
132 85.2 61.6 114.4
130 91.4 64.0 119.0



#35
Methylcyclohexane
Concen: 4.900 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

Tgt Ion: 83 Resp: 48661
Ion Ratio Lower Upper
83 100
55 78.8 66.6 100.0
98 47.3 35.4 53.2

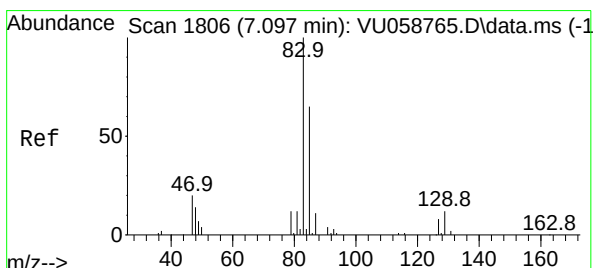
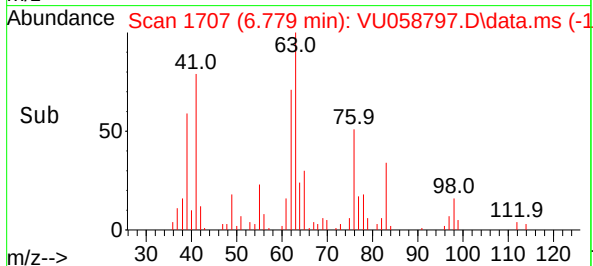
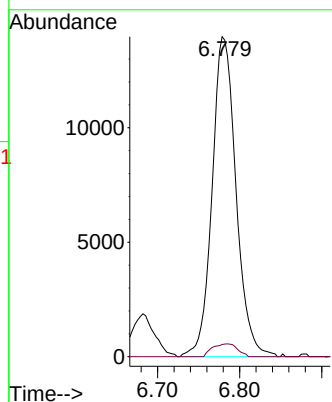
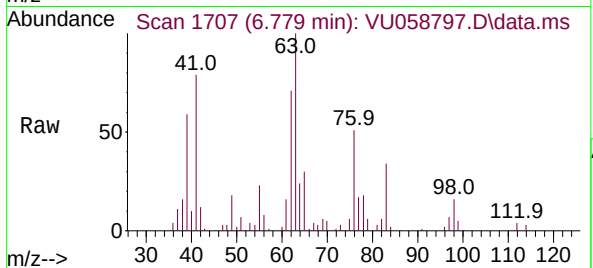




#37
1,2-Dichloropropane
Concen: 4.512 ug/L
RT: 6.779 min Scan# 1707
Delta R.T. -0.003 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

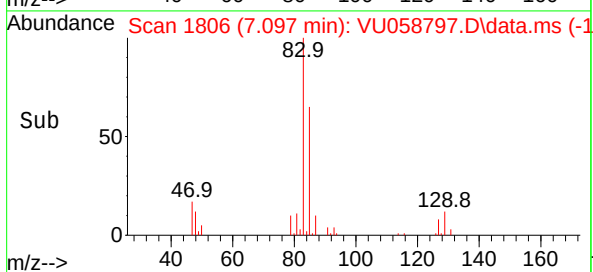
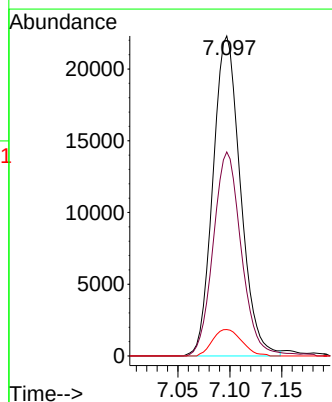
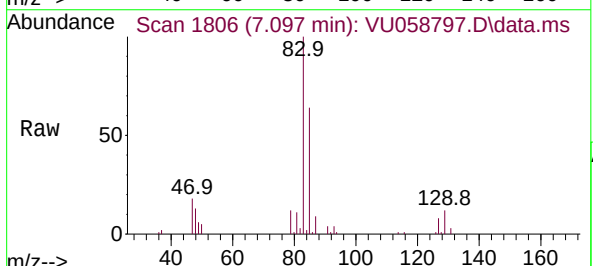
Instrument :
MSVOA_U
ClientSampleId :

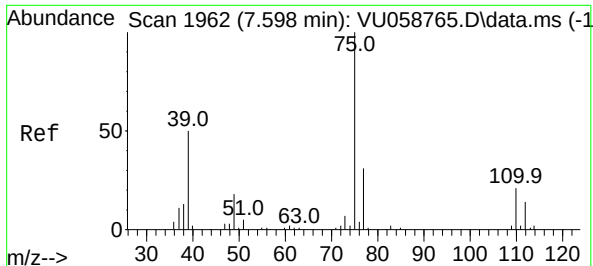
Tgt Ion: 63 Resp: 28303
Ion Ratio Lower Upper
63 100
112 4.2 2.8 4.2



#38
Bromodichloromethane
Concen: 5.282 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

Tgt Ion: 83 Resp: 41048
Ion Ratio Lower Upper
83 100
85 63.8 45.2 84.0
127 8.2 6.3 9.5

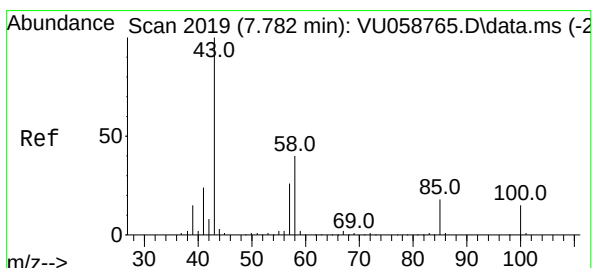
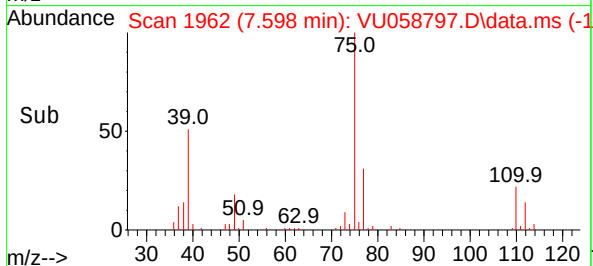
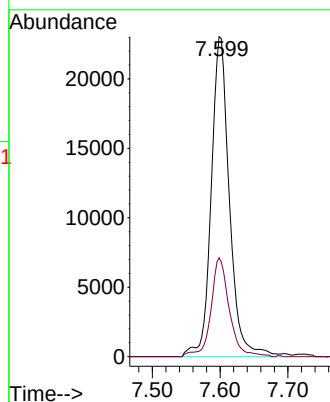
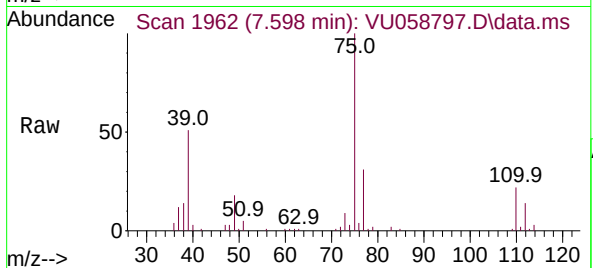




#39
 cis-1,3-Dichloropropene
 Concen: 4.946 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU058797.D
 Acq: 25 Apr 2024 10:05

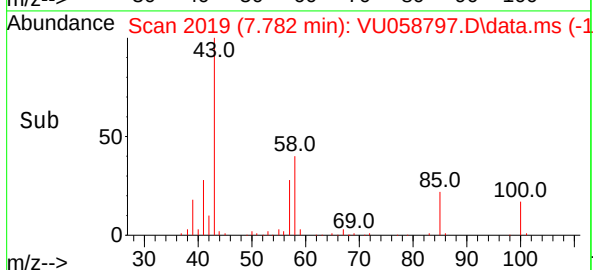
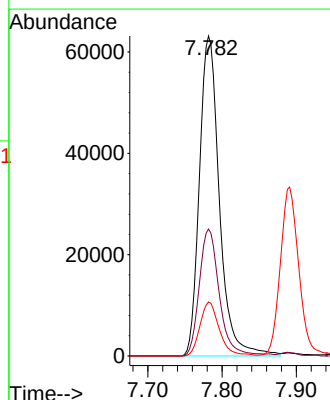
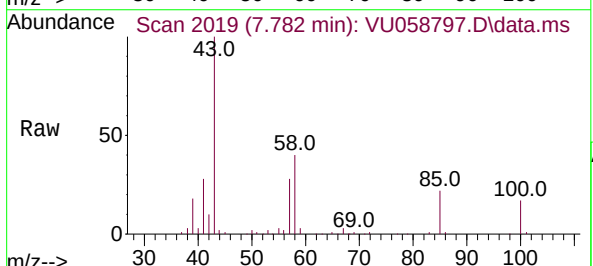
Instrument :
 MSVOA_U
 ClientSampleId :

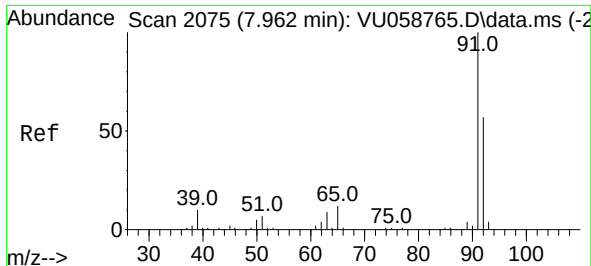
Tgt Ion: 75 Resp: 42956
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 42.738 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU058797.D
 Acq: 25 Apr 2024 10:05

Tgt Ion: 43 Resp: 118340
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.5 47.3
 100 16.4 11.4 17.0





#42

Toluene

Concen: 5.113 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058797.D

Acq: 25 Apr 2024 10:05

Instrument :

MSVOA_U

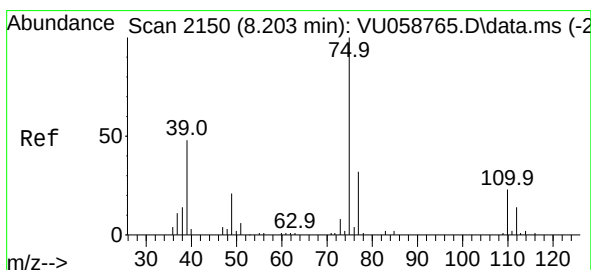
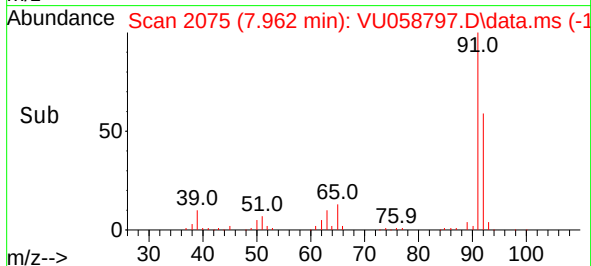
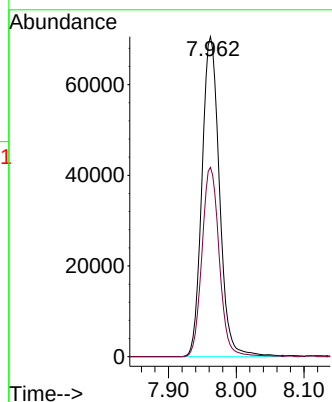
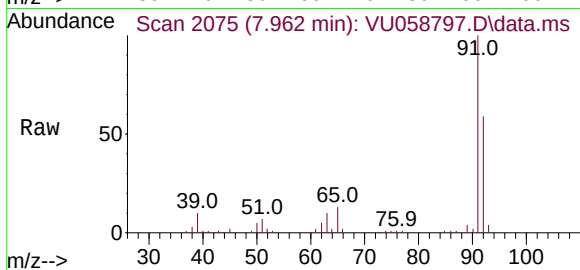
ClientSampleId :

Tgt Ion: 91 Resp: 126918

Ion Ratio Lower Upper

91 100

92 59.1 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 5.210 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU058797.D

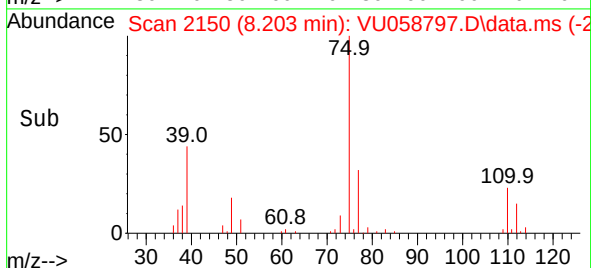
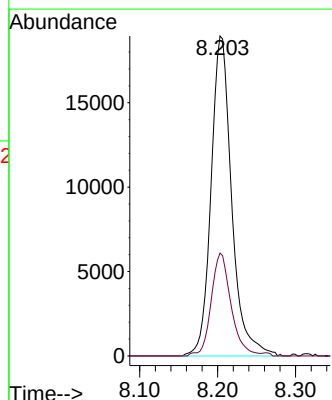
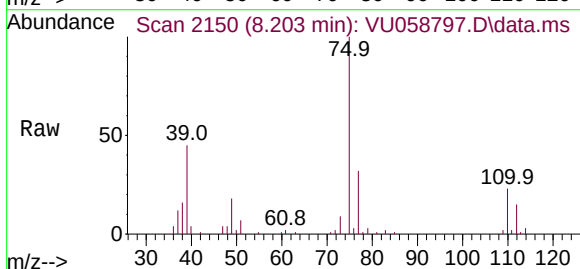
Acq: 25 Apr 2024 10:05

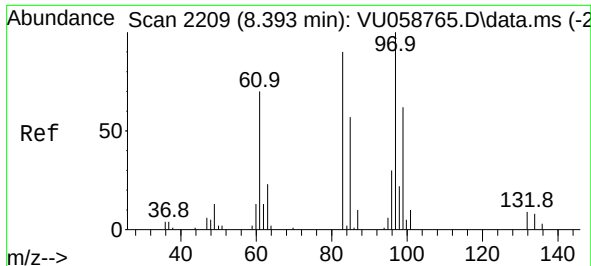
Tgt Ion: 75 Resp: 34837

Ion Ratio Lower Upper

75 100

77 32.2 22.1 41.1

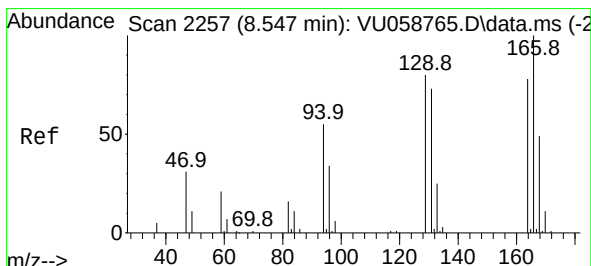
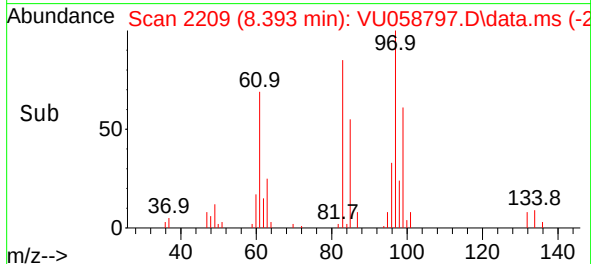
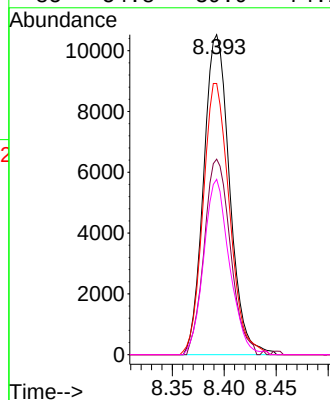
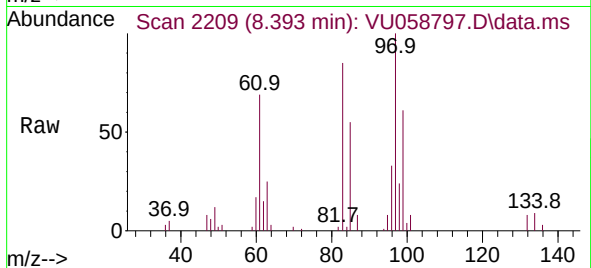




#45
1,1,2-Trichloroethane
Concen: 5.080 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

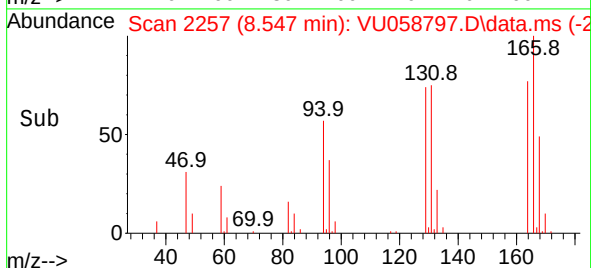
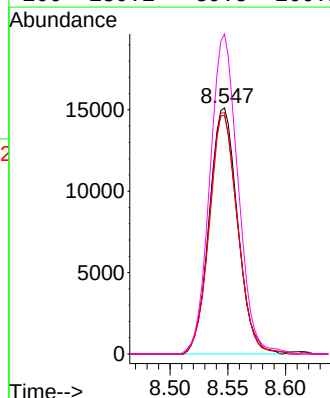
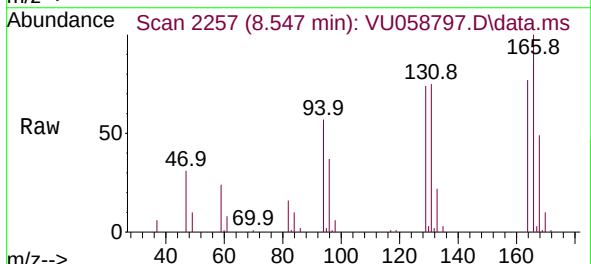
Instrument :
MSVOA_U
ClientSampleId :

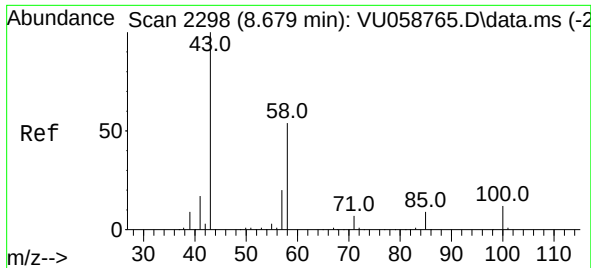
Tgt Ion:	97	Resp:	18338
Ion	Ratio	Lower	Upper
97	100		
99	61.1	43.7	81.1
83	84.8	62.9	116.9
85	54.8	39.9	74.1



#47
Tetrachloroethene
Concen: 5.630 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

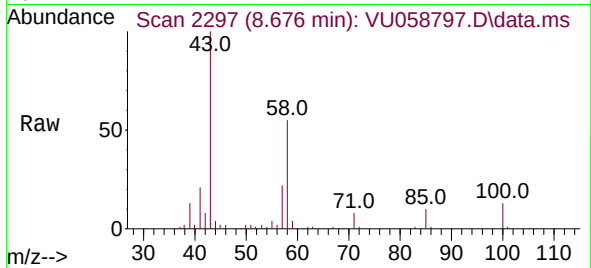
Tgt Ion:	164	Resp:	25822
Ion	Ratio	Lower	Upper
164	100		
129	96.9	71.5	132.9
131	98.1	65.0	120.6
166	130.1	89.5	166.1



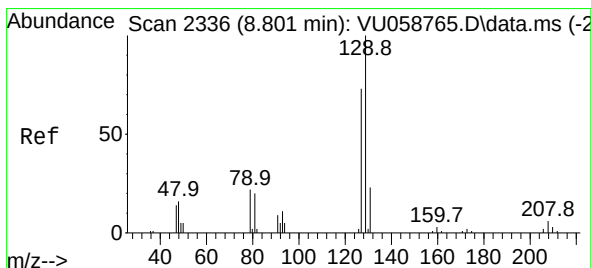
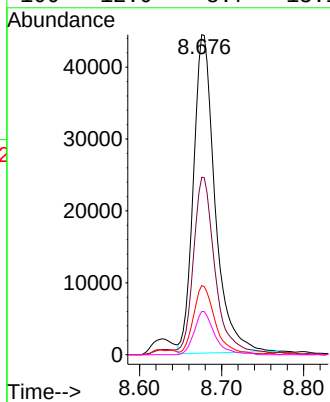
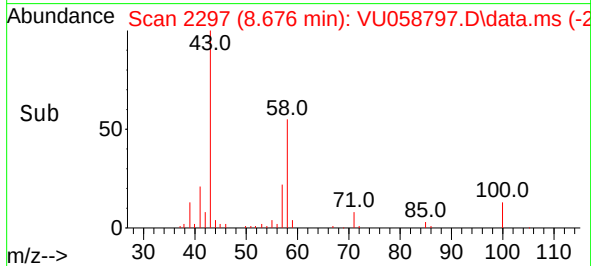


#48
2-Hexanone
Concen: 41.240 ug/L
RT: 8.676 min Scan# 2298
Delta R.T. -0.003 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

Instrument :
MSVOA_U
ClientSampleId :

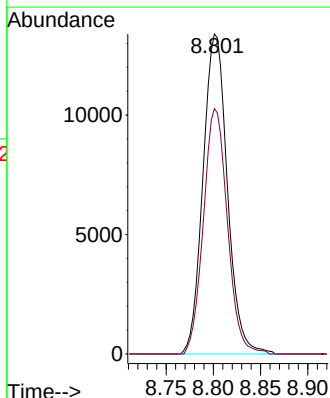
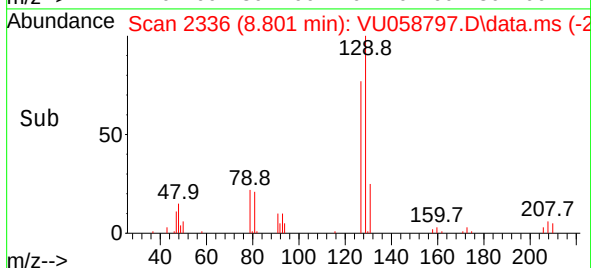
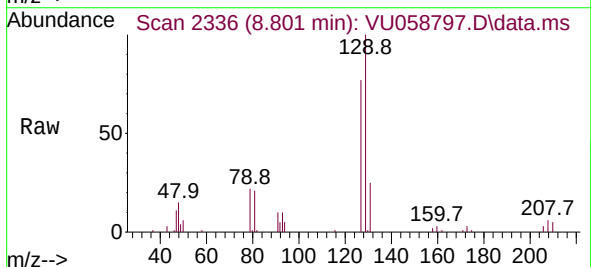


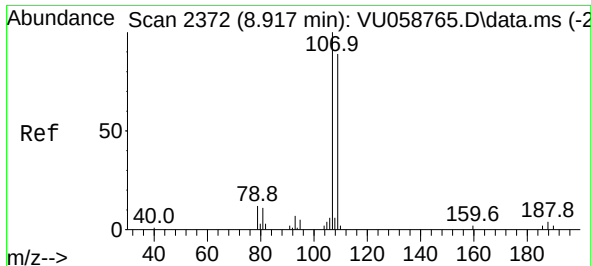
Tgt Ion: 43 Resp: 81118
Ion Ratio Lower Upper
43 100
58 55.1 43.7 65.5
57 21.4 15.0 22.4
100 12.9 8.7 13.1



#49
Dibromochloromethane
Concen: 5.682 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

Tgt Ion: 129 Resp: 24020
Ion Ratio Lower Upper
129 100
127 76.7 51.0 94.8





#50

1,2-Dibromoethane

Concen: 5.086 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

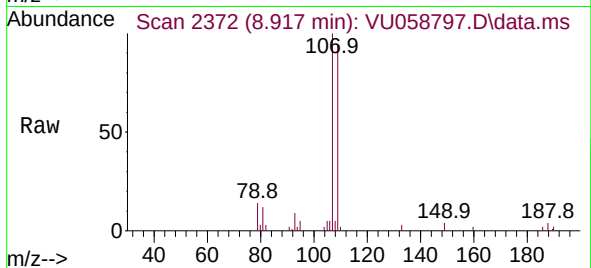
Lab File: VU058797.D

Acq: 25 Apr 2024 10:05

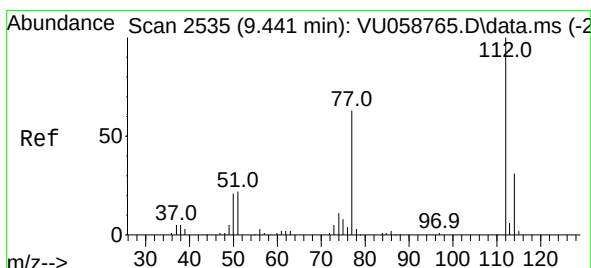
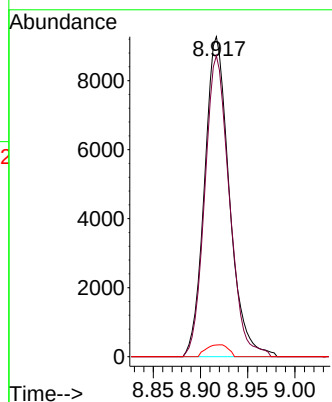
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	16891
Ion	Ratio	Lower	Upper
107	100		
109	94.1	62.3	115.7
188	3.6	2.9	4.3



#51

Chlorobenzene

Concen: 5.153 ug/L

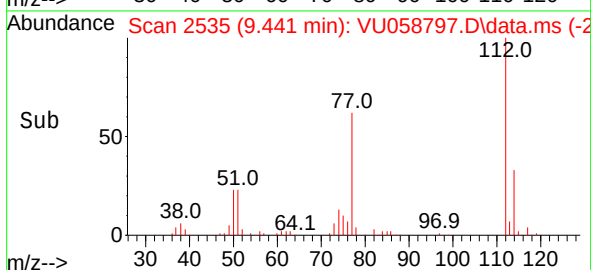
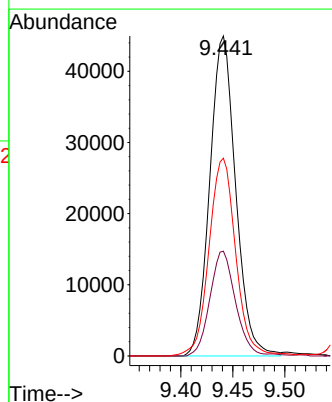
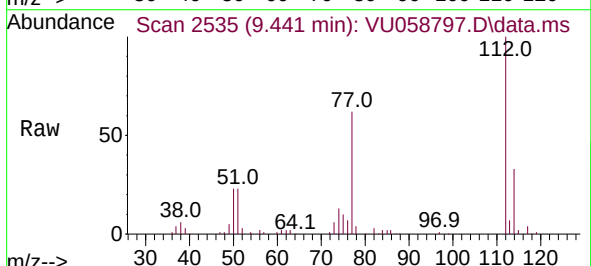
RT: 9.441 min Scan# 2535

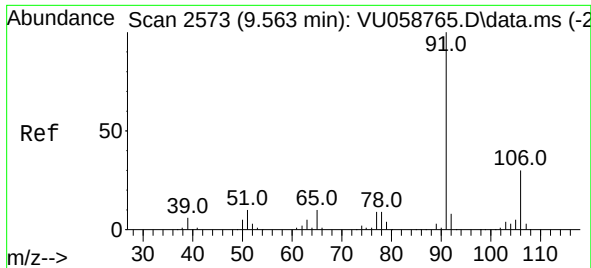
Delta R.T. -0.000 min

Lab File: VU058797.D

Acq: 25 Apr 2024 10:05

Tgt Ion:	112	Resp:	77919
Ion	Ratio	Lower	Upper
112	100		
114	32.7	21.7	40.3
77	61.8	50.5	75.7

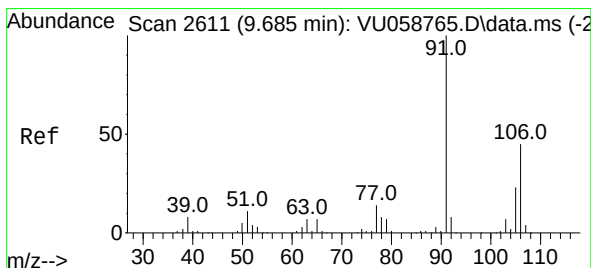
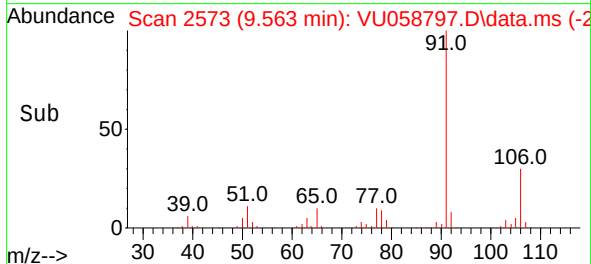
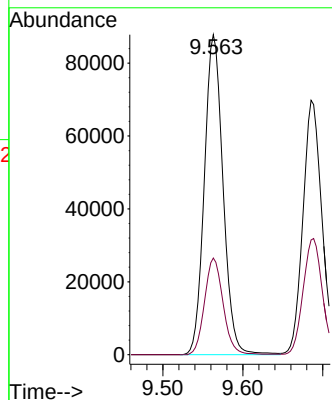
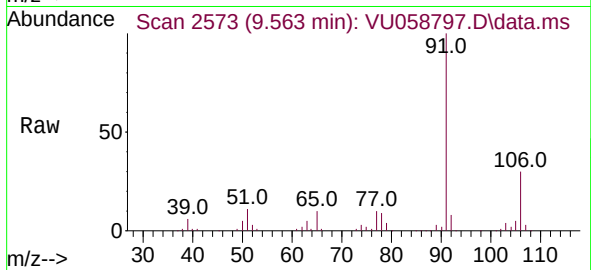




#52
Ethylbenzene
Concen: 5.224 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

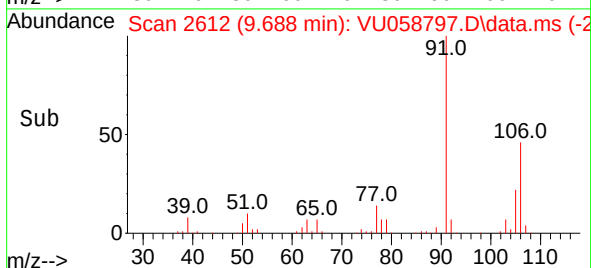
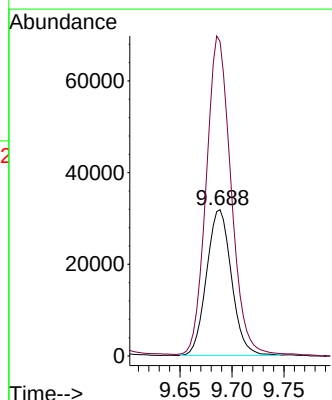
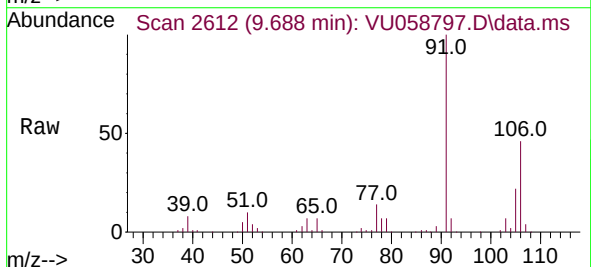
Instrument :
MSVOA_U
ClientSampleId :

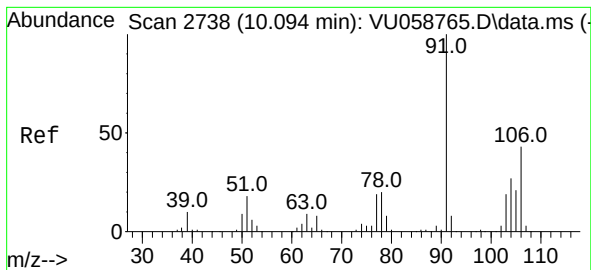
Tgt Ion: 91 Resp: 142997
Ion Ratio Lower Upper
91 100
106 30.2 20.9 38.9



#53
m,p-Xylene
Concen: 5.271 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

Tgt Ion:106 Resp: 52996
Ion Ratio Lower Upper
106 100
91 215.1 155.1 288.1





#54

o-Xylene

Concen: 5.443 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU058797.D

Acq: 25 Apr 2024 10:05

Instrument :

MSVOA_U

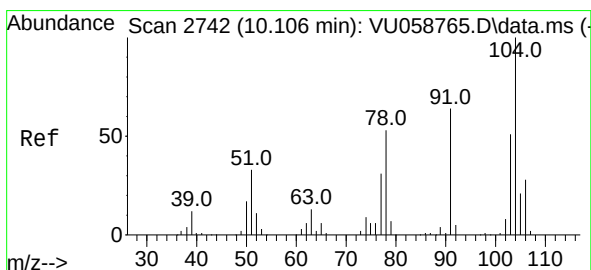
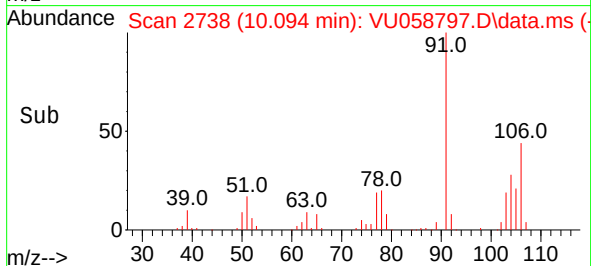
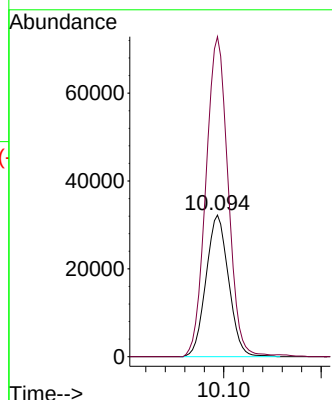
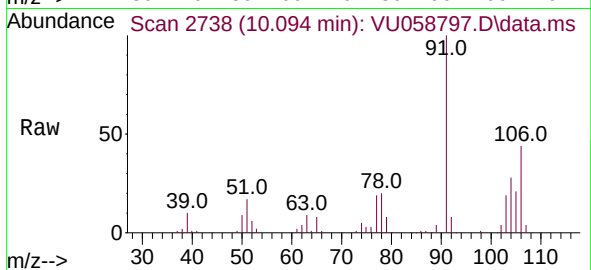
ClientSampleId :

Tgt Ion:106 Resp: 51881

Ion Ratio Lower Upper

106 100

91 226.0 163.7 304.1



#55

Styrene

Concen: 5.427 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU058797.D

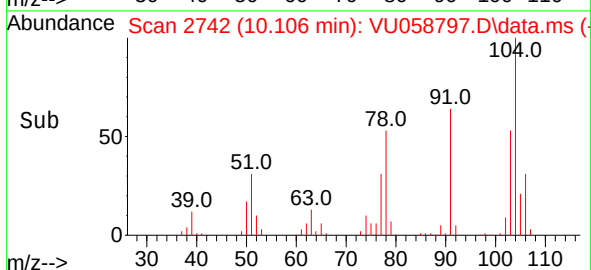
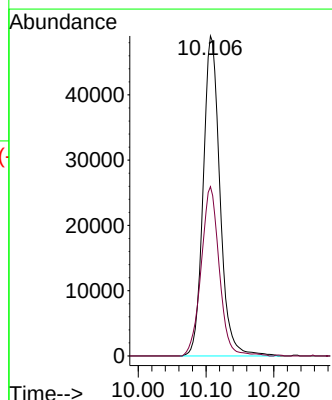
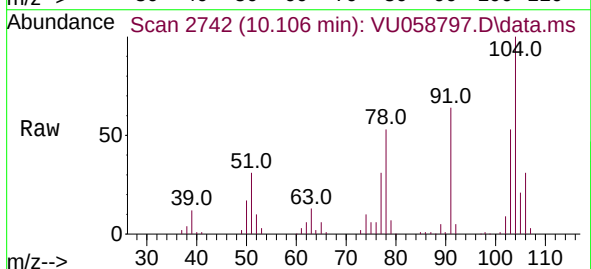
Acq: 25 Apr 2024 10:05

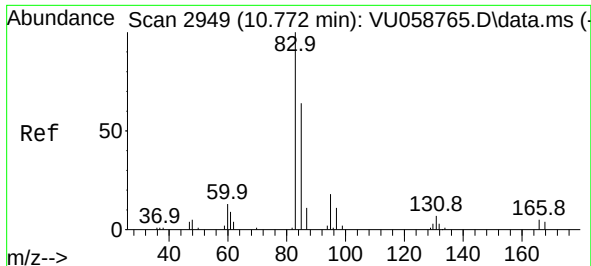
Tgt Ion:104 Resp: 84268

Ion Ratio Lower Upper

104 100

78 52.9 37.1 68.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.540 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. -0.000 min

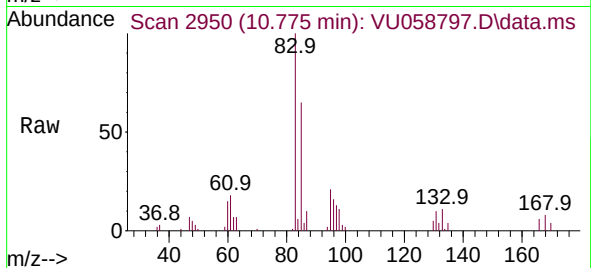
Lab File: VU058797.D

Acq: 25 Apr 2024 10:05

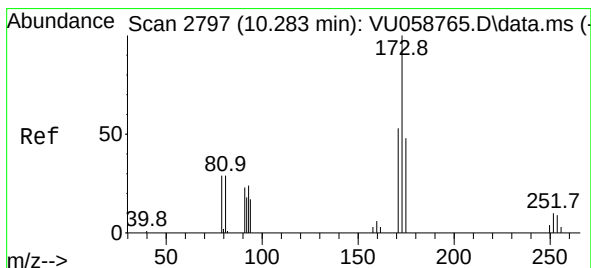
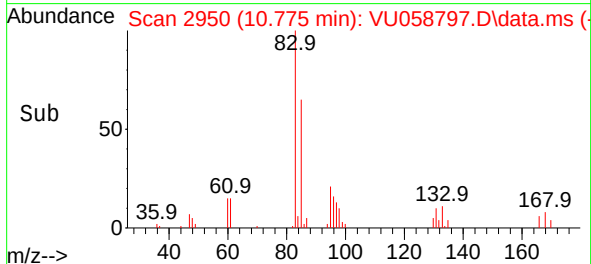
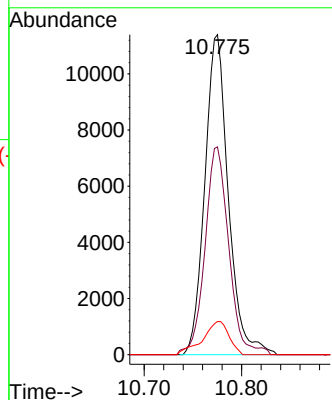
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	83	Resp:	19101
Ion Ratio	Lower	Upper	
83	100		
85	64.9	44.6	82.8
131	10.4	6.7	10.1#



#59

Bromoform

Concen: 5.262 ug/L

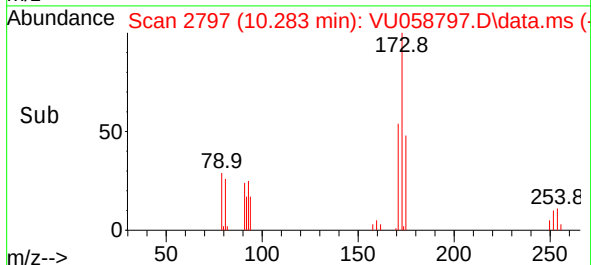
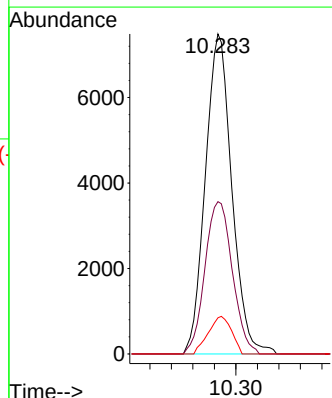
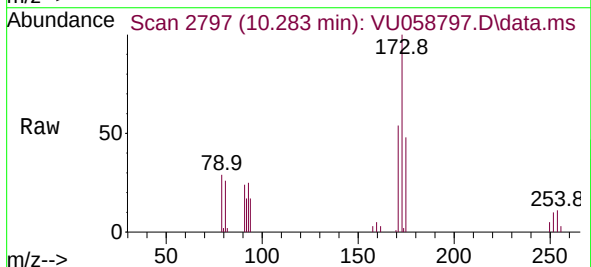
RT: 10.283 min Scan# 2797

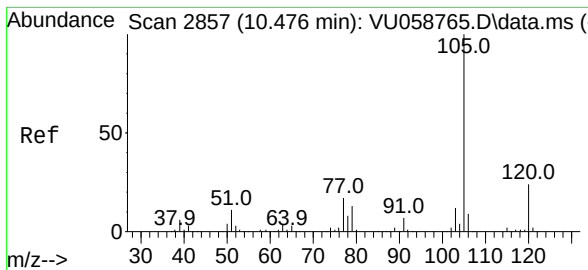
Delta R.T. -0.000 min

Lab File: VU058797.D

Acq: 25 Apr 2024 10:05

Tgt Ion:	173	Resp:	12812
Ion Ratio	Lower	Upper	
173	100		
175	49.3	39.3	58.9
254	10.3	7.5	11.3





#60

Isopropylbenzene

Concen: 5.288 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU058797.D

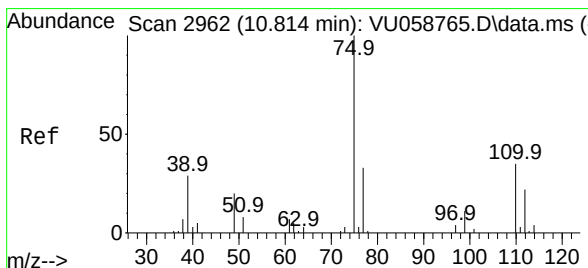
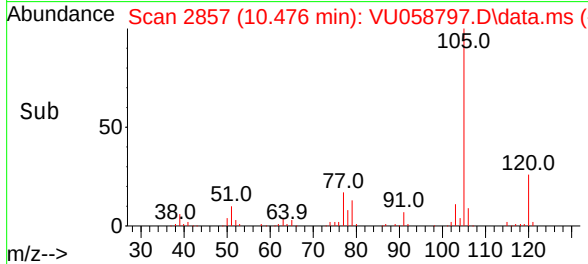
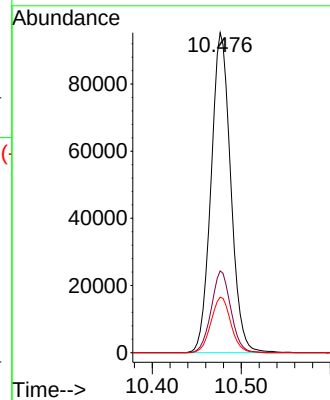
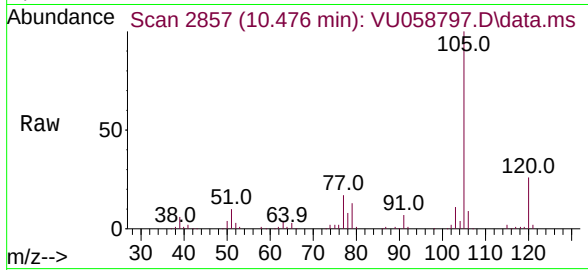
Acq: 25 Apr 2024 10:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105	Resp:	145818
Ion	Ratio	Lower Upper
105	100	
120	25.4	19.6 29.4
77	17.4	13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 4.963 ug/L

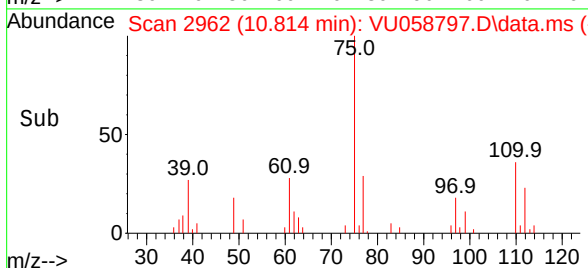
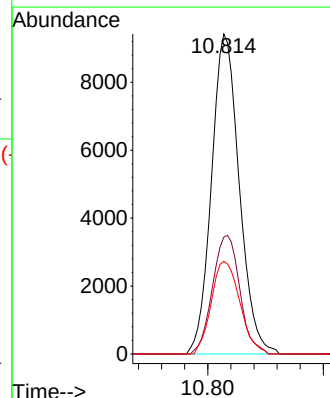
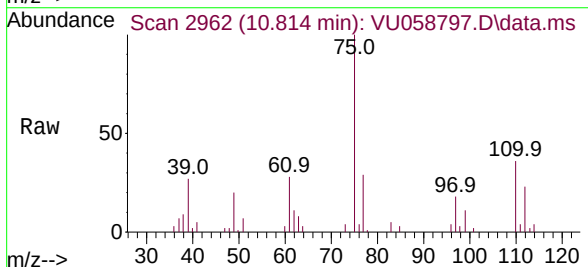
RT: 10.814 min Scan# 2962

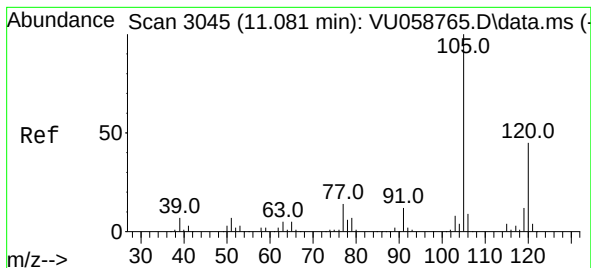
Delta R.T. -0.003 min

Lab File: VU058797.D

Acq: 25 Apr 2024 10:05

Tgt Ion: 75	Resp:	15704
Ion	Ratio	Lower Upper
75	100	
110	36.3	28.6 43.0
77	29.8	25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.323 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU058797.D

Acq: 25 Apr 2024 10:05

Instrument :

MSVOA_U

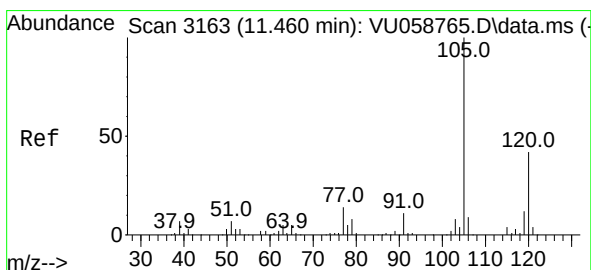
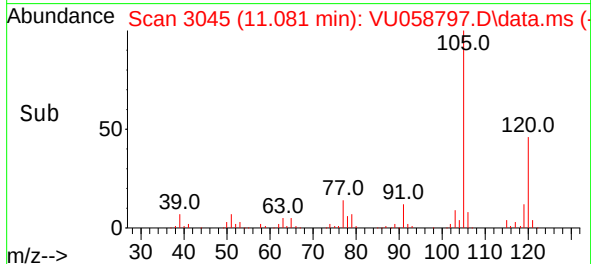
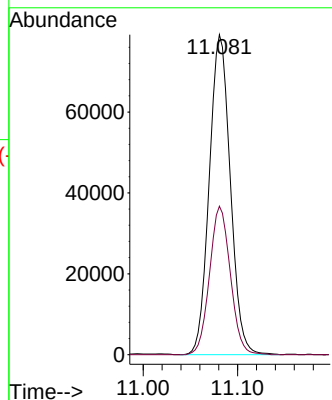
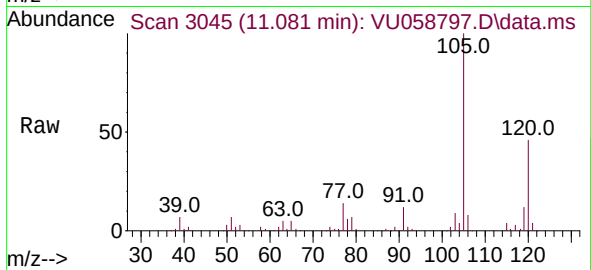
ClientSampleId :

Tgt Ion:105 Resp: 122162

Ion Ratio Lower Upper

105 100

120 45.8 36.2 54.4



#63

1,2,4-Trimethylbenzene

Concen: 5.470 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU058797.D

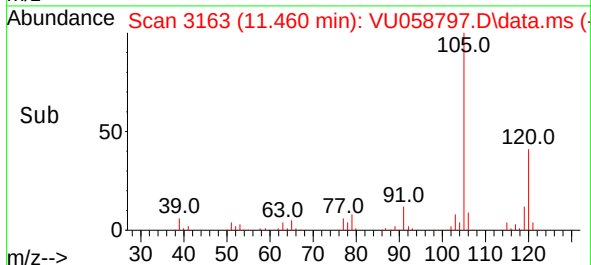
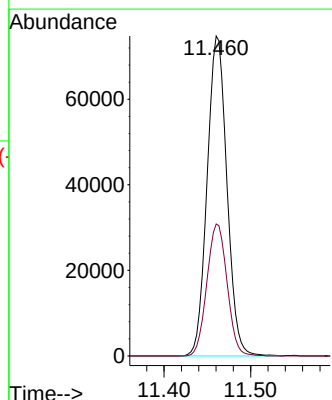
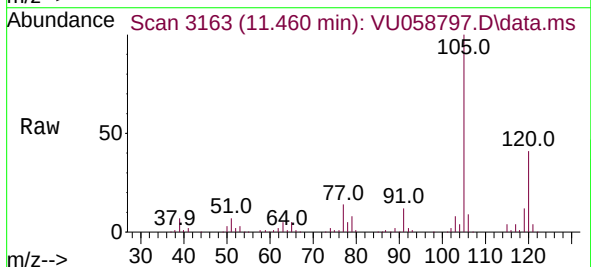
Acq: 25 Apr 2024 10:05

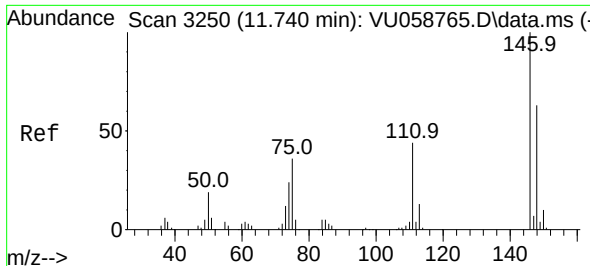
Tgt Ion:105 Resp: 118777

Ion Ratio Lower Upper

105 100

120 42.1 33.4 50.0





#64

1,3-Dichlorobenzene

Concen: 5.302 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU058797.D

Acq: 25 Apr 2024 10:05

Instrument :

MSVOA_U

ClientSampleId :

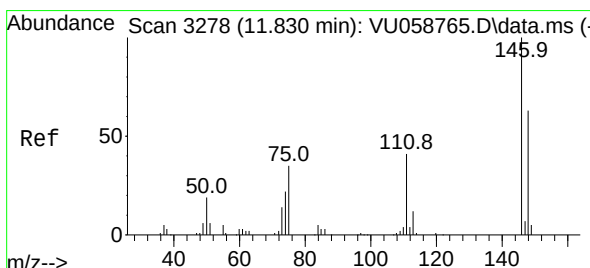
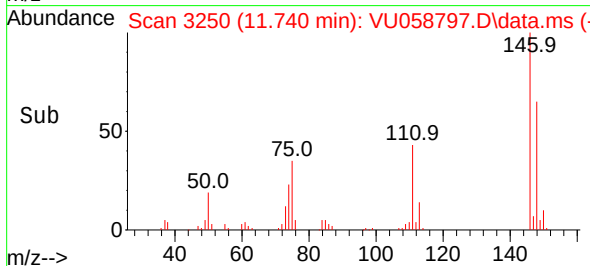
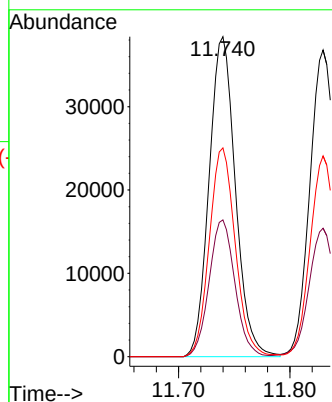
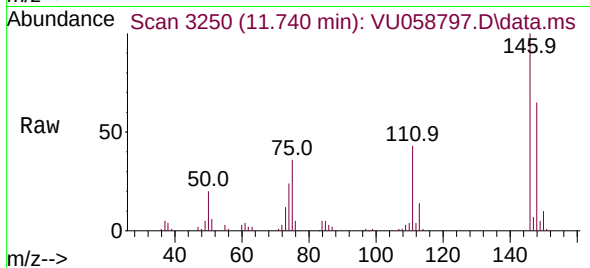
Tgt Ion:146 Resp: 63016

Ion Ratio Lower Upper

146 100

111 42.8 30.9 57.3

148 65.2 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 5.264 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU058797.D

Acq: 25 Apr 2024 10:05

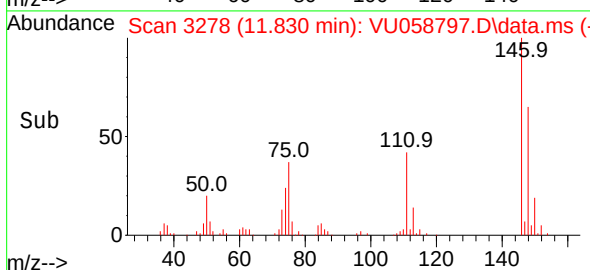
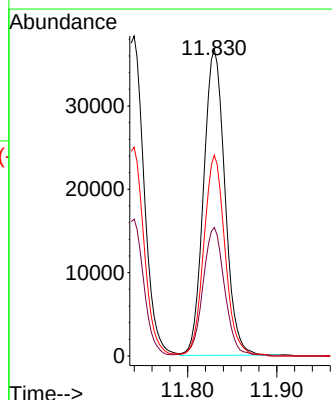
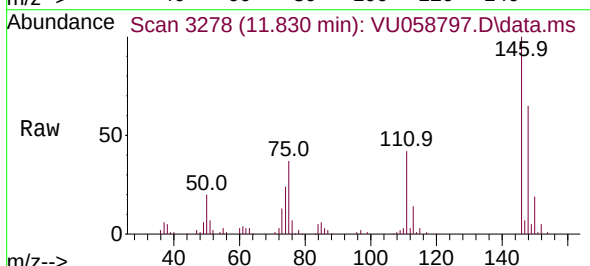
Tgt Ion:146 Resp: 61049

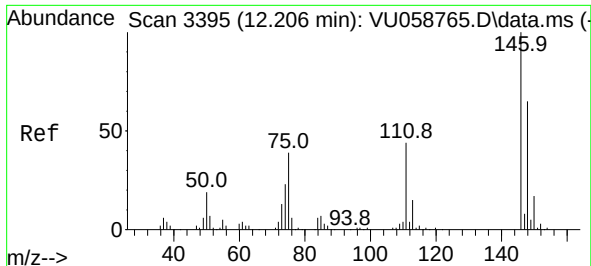
Ion Ratio Lower Upper

146 100

111 41.9 29.3 54.3

148 65.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.265 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU058797.D

Acq: 25 Apr 2024 10:05

Instrument :

MSVOA_U

ClientSampleId :

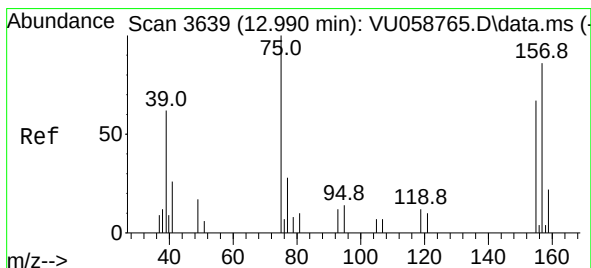
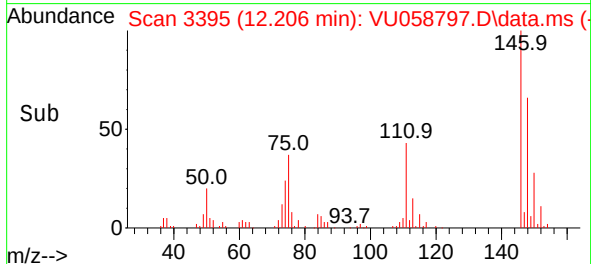
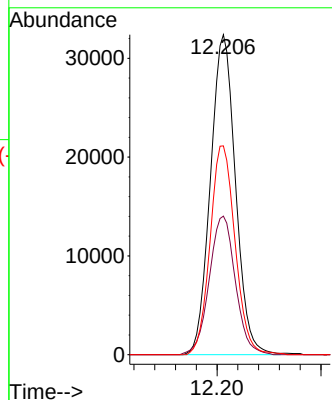
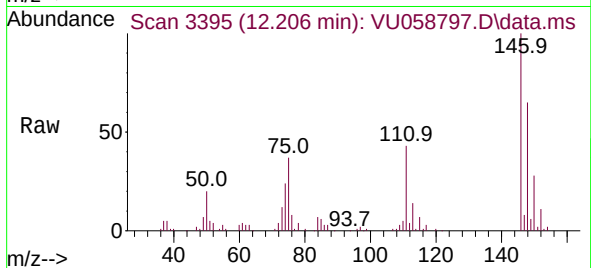
Tgt Ion:146 Resp: 54171

Ion Ratio Lower Upper

146 100

111 43.3 35.7 53.5

148 65.3 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.949 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU058797.D

Acq: 25 Apr 2024 10:05

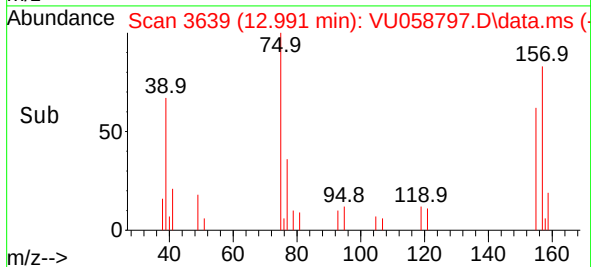
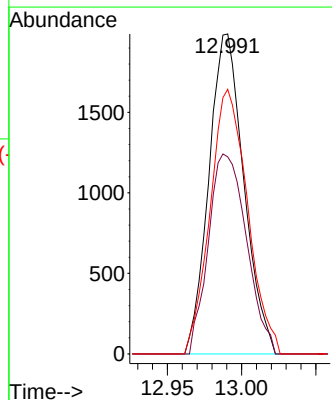
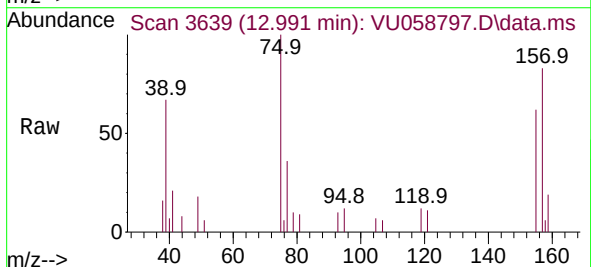
Tgt Ion: 75 Resp: 3253

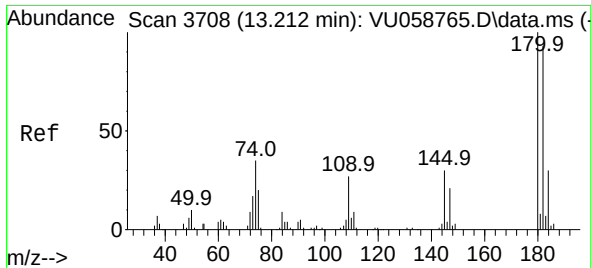
Ion Ratio Lower Upper

75 100

155 61.6 53.6 80.4

157 82.7 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 5.585 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

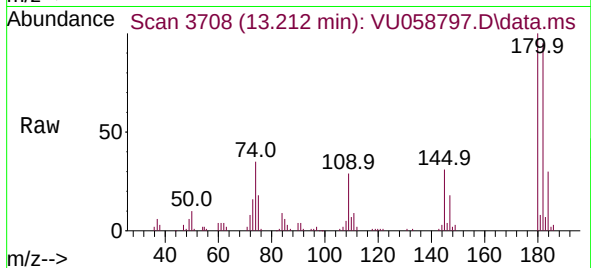
Lab File: VU058797.D

Acq: 25 Apr 2024 10:05

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 47489

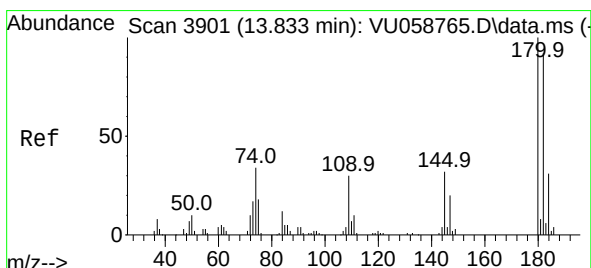
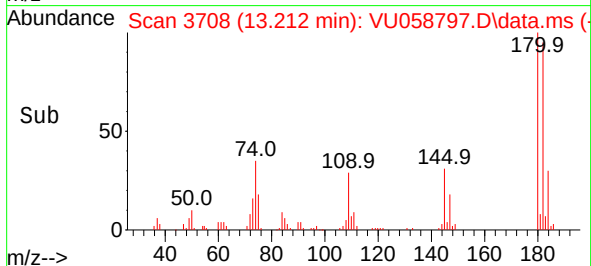
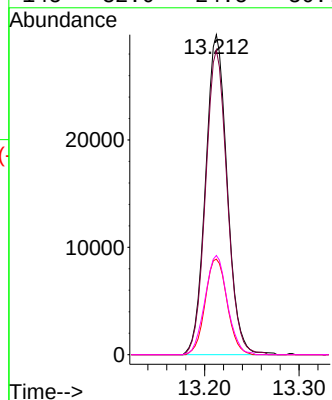
Ion Ratio Lower Upper

180 100

182 94.8 75.9 113.9

184 30.2 24.7 37.1

145 32.0 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 5.346 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU058797.D

Acq: 25 Apr 2024 10:05

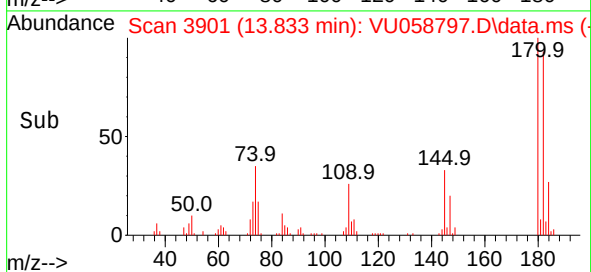
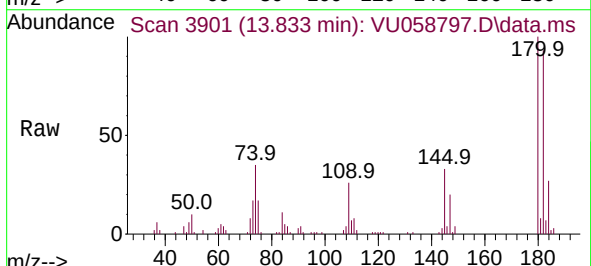
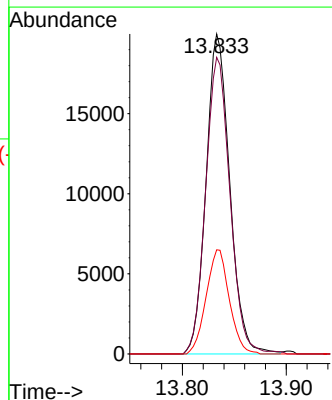
Tgt Ion:180 Resp: 31599

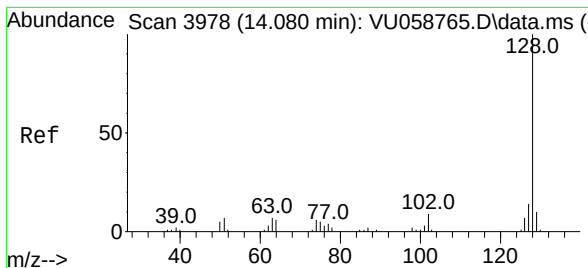
Ion Ratio Lower Upper

180 100

182 95.3 75.9 113.9

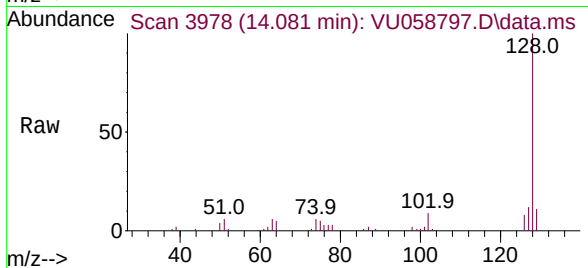
145 31.8 25.7 38.5



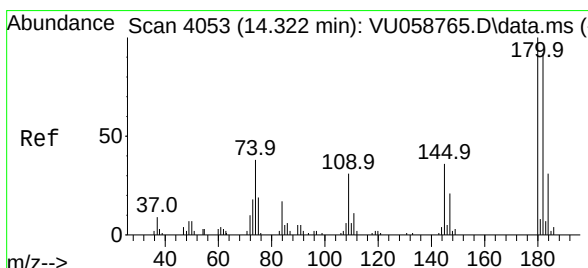
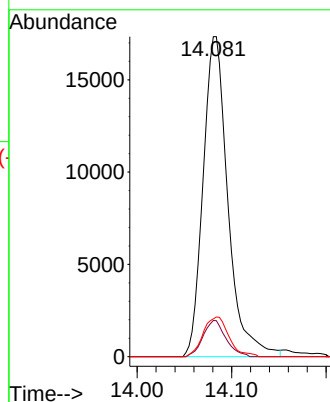
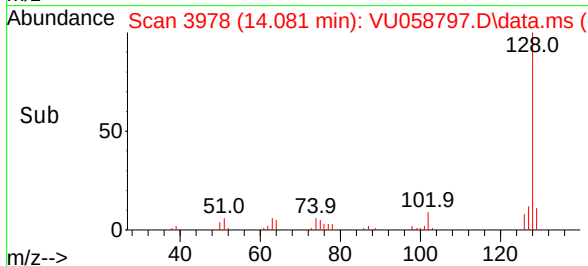


#71
Naphthalene
Concen: 4.427 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.003 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05

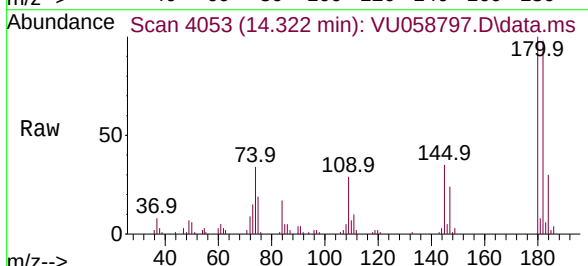
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 31658
Ion Ratio Lower Upper
128 100
129 10.4 8.2 12.4
127 12.9 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.214 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU058797.D
Acq: 25 Apr 2024 10:05



Tgt Ion:180 Resp: 24427
Ion Ratio Lower Upper
180 100
182 95.5 75.0 112.6
145 33.7 27.6 41.4

