

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052424\
 Data File : VU058987.D
 Acq On : 24 May 2024 21:52
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 24 22:32:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 22:25:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	184956	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	186516	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	99425	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	85595	43.756	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.520%
7) Chloroethane-d5	1.872	69	67049	41.242	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.480%
11) 1,1-Dichloroethene-d2	2.548	63	138504	46.343	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.680%
21) 2-Butanone-d5	4.612	46	159754	118.891	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.890%
24) Chloroform-d	5.049	84	163801	48.818	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.640%
26) 1,2-Dichloroethane-d4	5.689	65	104180	50.769	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.540%
32) Benzene-d6	5.715	84	327073	51.437	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.880%
36) 1,2-Dichloropropane-d6	6.679	67	107487	51.178	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.360%
41) Toluene-d8	7.891	98	289842	50.853	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.700%
43) trans-1,3-Dichloroprop...	8.174	79	44403	47.083	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.160%
47) 2-Hexanone-d5	8.631	63	109554	126.122	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.120%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	177966	56.325	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.640%
66) 1,2-Dichlorobenzene-d4	12.187	152	106457	51.892	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	54826	44.306	ug/L	98
3) Chloromethane	1.516	50	61010	46.011	ug/L	98
5) Vinyl chloride	1.599	62	67671	43.703	ug/L	97
6) Bromomethane	1.824	94	42536	46.346	ug/L	99
8) Chloroethane	1.889	64	52620	49.553	ug/L	98
9) Trichlorofluoromethane	2.110	101	95130	45.169	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.561	101	61473	42.939	ug/L	98
12) 1,1-Dichloroethene	2.561	96	50939	44.457	ug/L	90
13) Acetone	2.618	43	104343	88.074	ug/L	98
14) Carbon disulfide	2.773	76	85971	39.881	ug/L	100
15) Methyl Acetate	2.937	43	108544	56.853	ug/L	99
16) Methylene chloride	3.030	84	76047	41.607	ug/L	98
17) trans-1,2-Dichloroethene	3.339	96	51683	44.899	ug/L	95
18) Methyl tert-butyl Ether	3.351	73	237892	52.213	ug/L	99
19) 1,1-Dichloroethane	3.853	63	142933	48.744	ug/L	100
20) cis-1,2-Dichloroethene	4.654	96	73568	48.284	ug/L	99
22) 2-Butanone	4.692	43	167771	108.712	ug/L	99
23) Bromochloromethane	4.962	128	37050	46.646	ug/L	93
25) Chloroform	5.075	83	150452	48.596	ug/L	98

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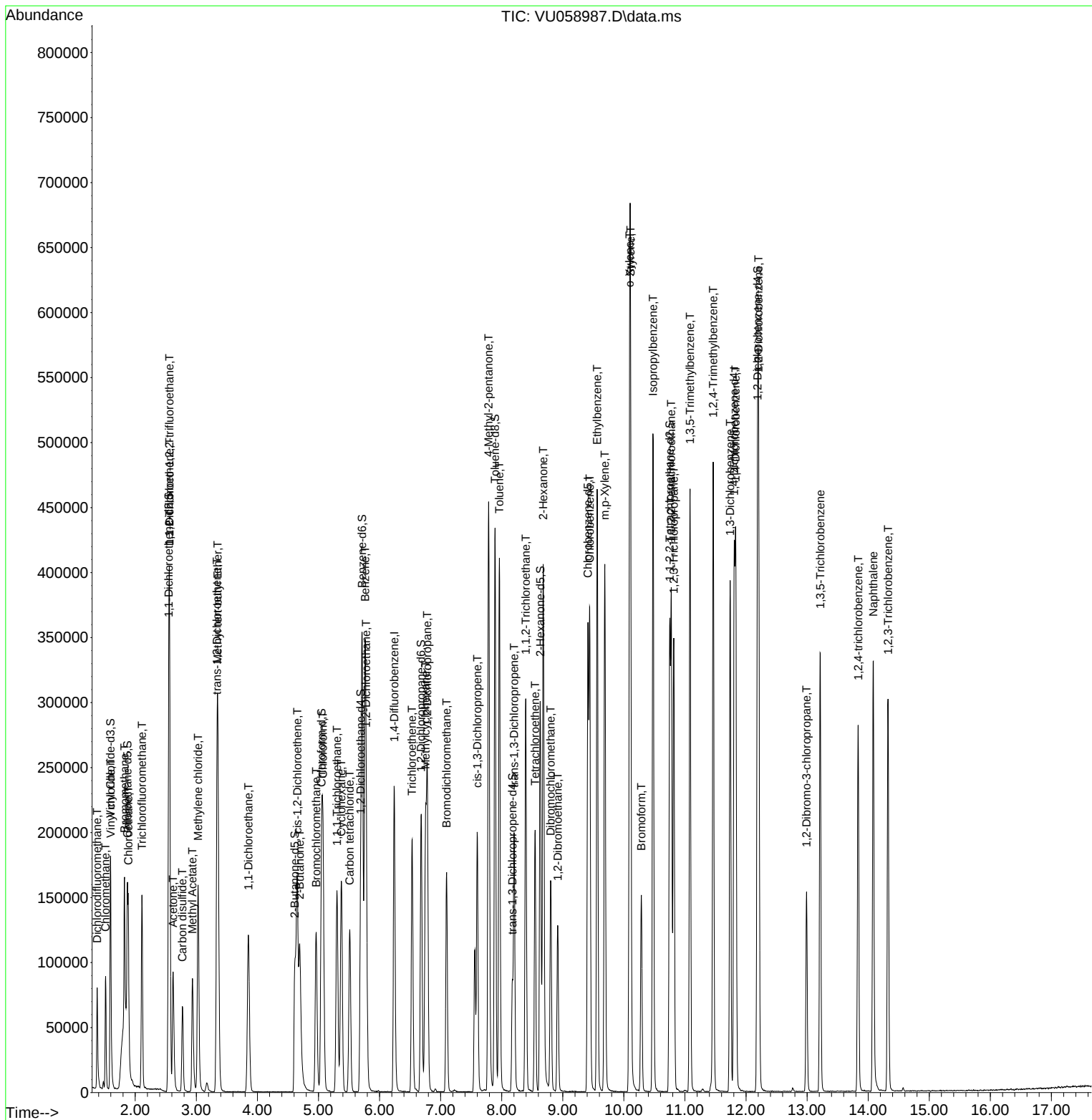
Instrument :
 MSVOA_U
 ClientSampleId :

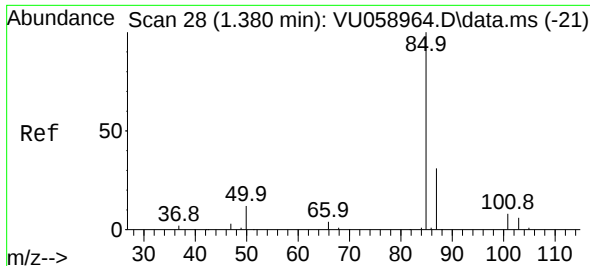
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 Quant Title : VOC Analysis
 QLast Update : Fri May 24 22:25:41 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	116799	49.426	ug/L	98
29) Cyclohexane	5.374	56	75995	47.869	ug/L	99
30) 1,1,1-Trichloroethane	5.303	97	112430	50.224	ug/L	98
31) Carbon tetrachloride	5.512	117	83780	46.335	ug/L	100
33) Benzene	5.763	78	289988	51.716	ug/L	100
34) Trichloroethene	6.531	95	69088	46.422	ug/L	98
35) Methylcyclohexane	6.753	83	73560	42.170	ug/L	95
37) 1,2-Dichloropropane	6.782	63	93786	51.464	ug/L	99
38) Bromodichloromethane	7.097	83	111227	49.112	ug/L	96
39) cis-1,3-Dichloropropene	7.599	75	119278	47.518	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	322387	124.098	ug/L	98
42) Toluene	7.962	91	300512	49.997	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	112773	47.458	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	92197	51.245	ug/L	98
46) Tetrachloroethene	8.547	164	42011	42.337	ug/L	96
48) 2-Hexanone	8.679	43	267930	125.258	ug/L	98
49) Dibromochloromethane	8.801	129	82345	47.895	ug/L	98
50) 1,2-Dibromoethane	8.917	107	84724	49.282	ug/L	97
51) Chlorobenzene	9.441	112	189258	47.638	ug/L	98
52) Ethylbenzene	9.563	91	312989	48.118	ug/L	99
53) m,p-Xylene	9.689	106	112366	48.092	ug/L	99
54) o-Xylene	10.094	106	117747	50.351	ug/L	98
55) Styrene	10.110	104	213795	51.181	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.776	83	189893	58.569	ug/L	99
59) Bromoform	10.287	173	67038	50.872	ug/L	98
60) 1,2,3-Trichloropropane	10.817	75	148732	58.784	ug/L	99
61) Isopropylbenzene	10.480	105	315724	49.728	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	246643	49.310	ug/L	99
63) 1,2,4-Trimethylbenzene	11.464	105	255728	50.696	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	153997	46.720	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	157434	47.289	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	171142	51.048	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	40105	58.592	ug/L	99
69) 1,3,5-Trichlorobenzene	13.216	180	102277	44.054	ug/L	98
70) 1,2,4-trichlorobenzene	13.837	180	84284	42.148	ug/L	96
71) Naphthalene	14.084	128	271380	46.528	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	91362	44.605	ug/L	99

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

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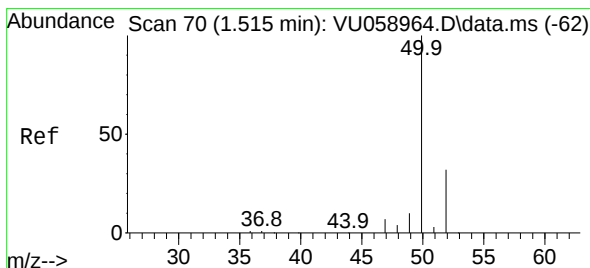
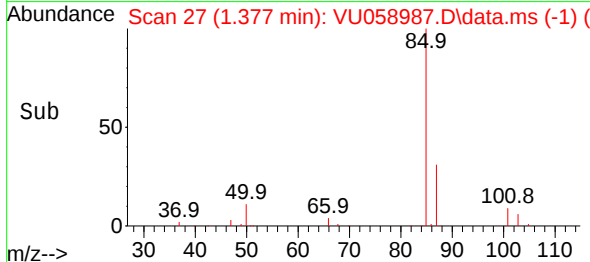
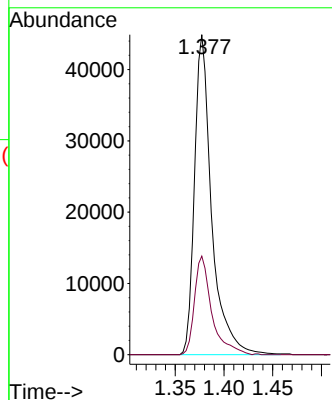
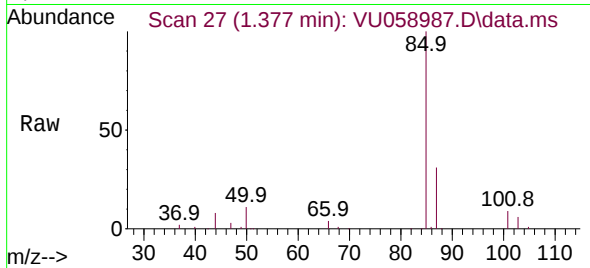




#2
 Dichlorodifluoromethane
 Concen: 44.306 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU058987.D
 Acq: 24 May 2024 21:52

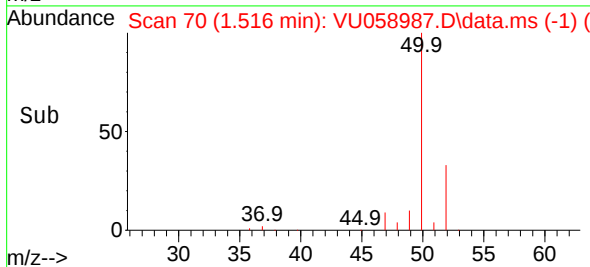
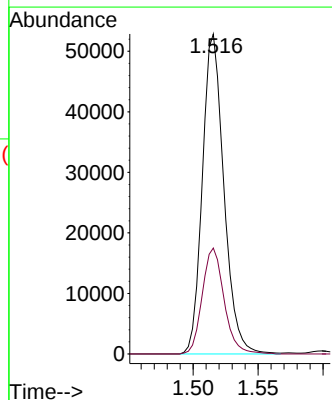
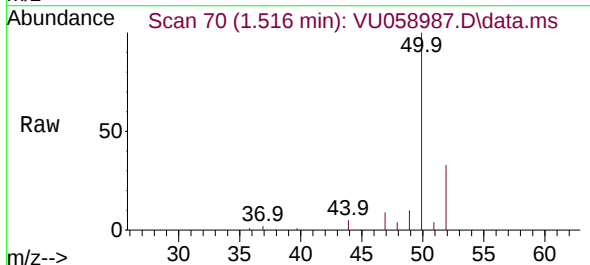
Instrument :
 MSVOA_U
 ClientSampleId :

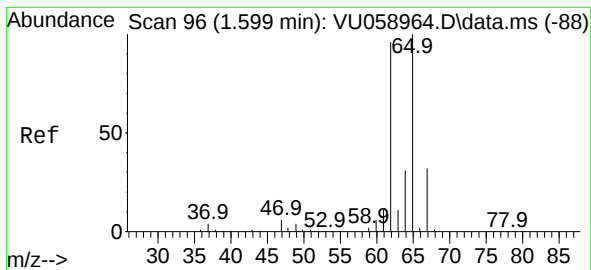
Tgt Ion: 85 Resp: 54826
 Ion Ratio Lower Upper
 85 100
 87 31.1 25.7 38.5



#3
 Chloromethane
 Concen: 46.011 ug/L
 RT: 1.516 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU058987.D
 Acq: 24 May 2024 21:52

Tgt Ion: 50 Resp: 61010
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.9 44.3





#5

Vinyl chloride

Concen: 43.703 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU058987.D

Acq: 24 May 2024 21:52

Instrument :

MSVOA_U

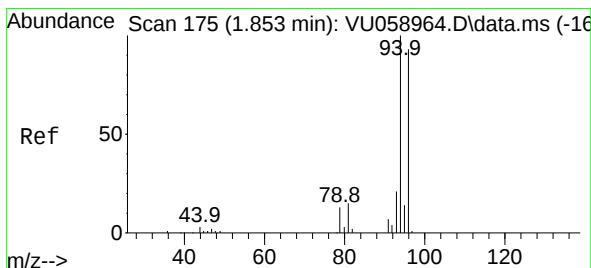
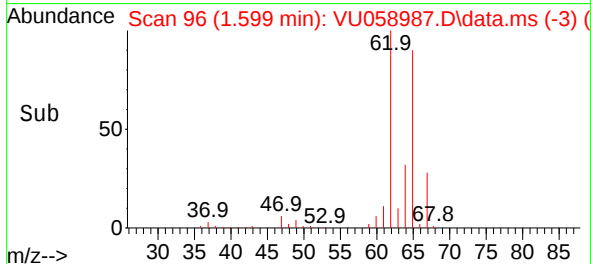
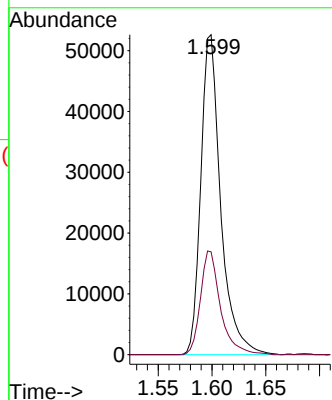
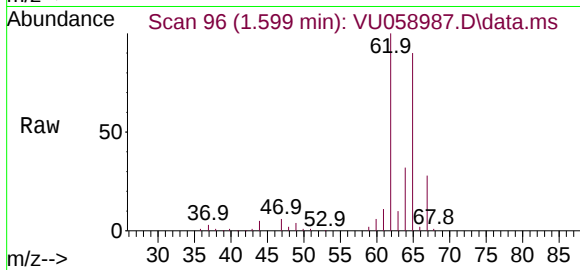
ClientSampleId :

Tgt Ion: 62 Resp: 67671

Ion Ratio Lower Upper

62 100

64 32.1 23.7 43.9



#6

Bromomethane

Concen: 46.346 ug/L

RT: 1.824 min Scan# 166

Delta R.T. -0.029 min

Lab File: VU058987.D

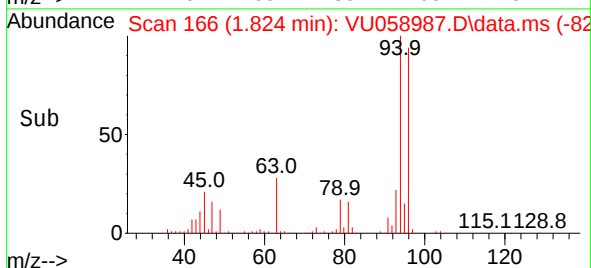
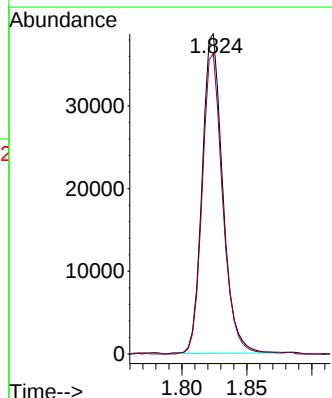
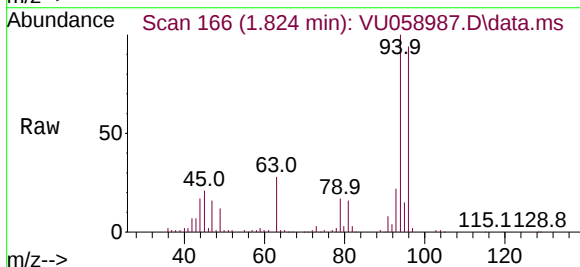
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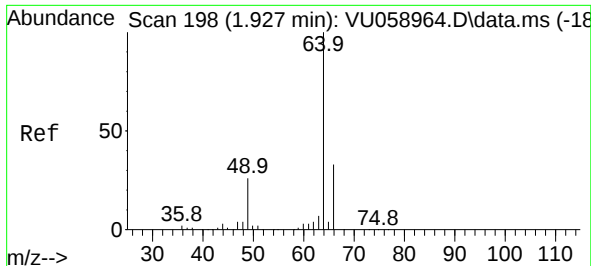
Tgt Ion: 94 Resp: 42536

Ion Ratio Lower Upper

94 100

96 93.8 66.6 123.6

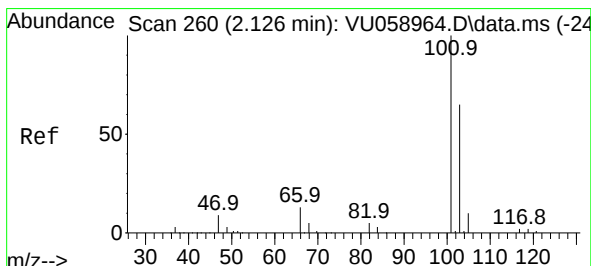
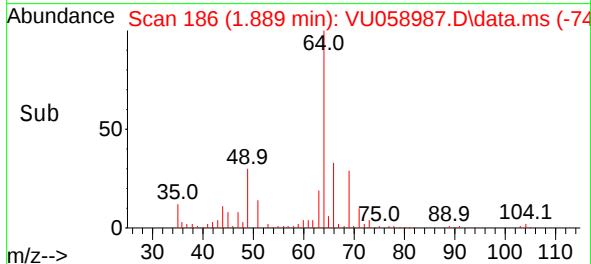
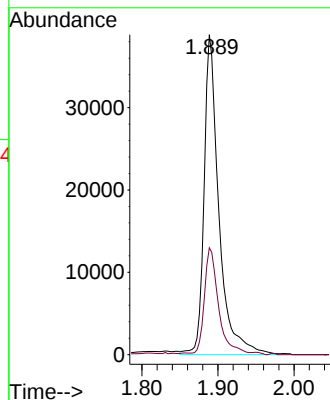
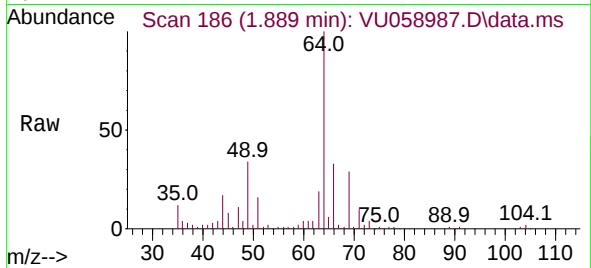




#8
Chloroethane
Concen: 49.553 ug/L
RT: 1.889 min Scan# 11
Delta R.T. -0.039 min
Lab File: VU058987.D
Acq: 24 May 2024 21:52

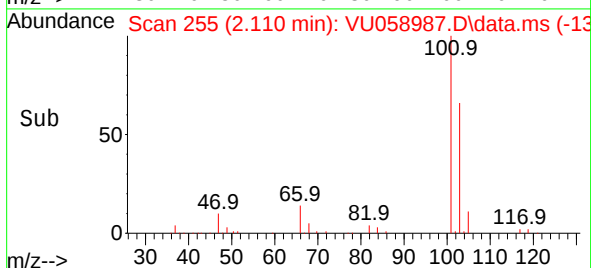
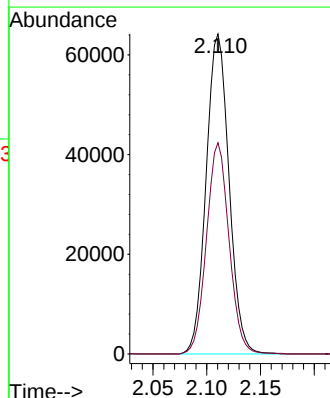
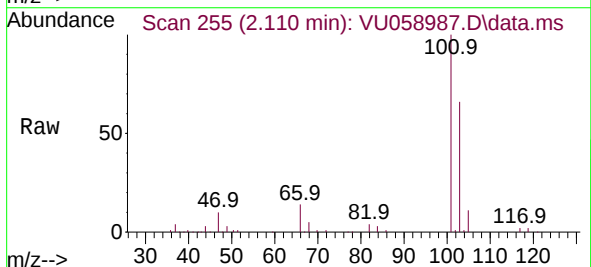
Instrument :
MSVOA_U
ClientSampleId :

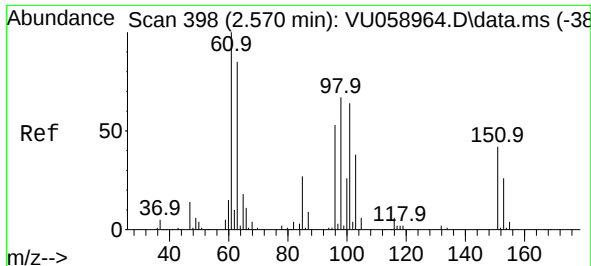
Tgt Ion: 64 Resp: 52620
Ion Ratio Lower Upper
64 100
66 33.4 22.7 42.1



#9
Trichlorofluoromethane
Concen: 45.169 ug/L
RT: 2.110 min Scan# 255
Delta R.T. -0.016 min
Lab File: VU058987.D
Acq: 24 May 2024 21:52

Tgt Ion:101 Resp: 95130
Ion Ratio Lower Upper
101 100
103 64.9 51.6 77.4

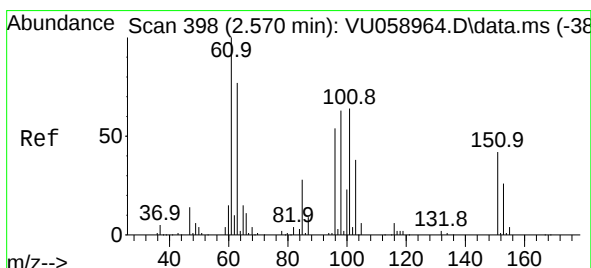
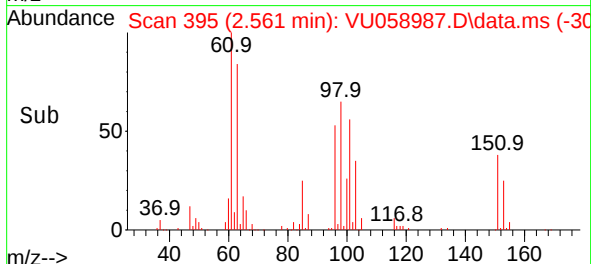
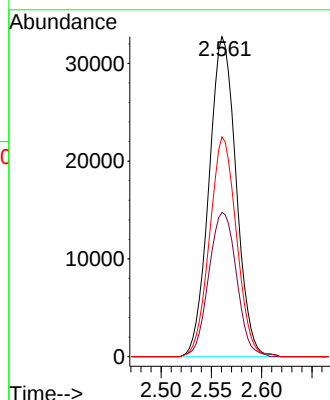
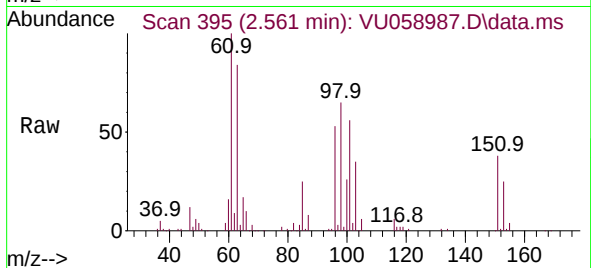




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 42.939 ug/L
 RT: 2.561 min Scan# 395
 Delta R.T. -0.010 min
 Lab File: VU058987.D
 Acq: 24 May 2024 21:52

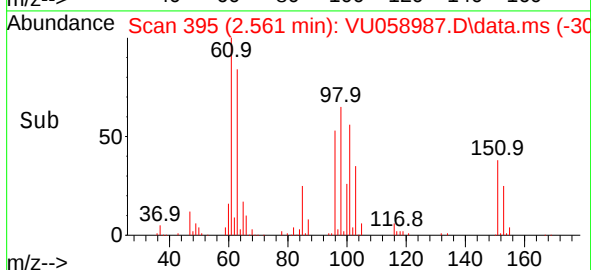
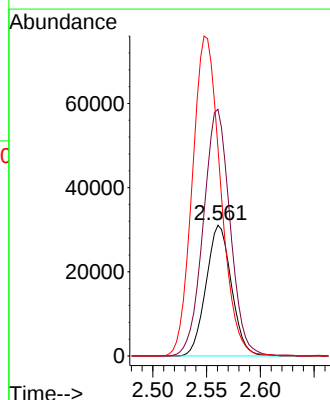
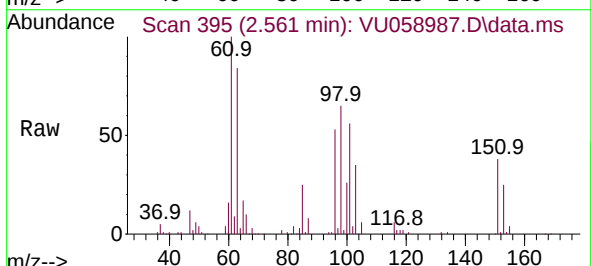
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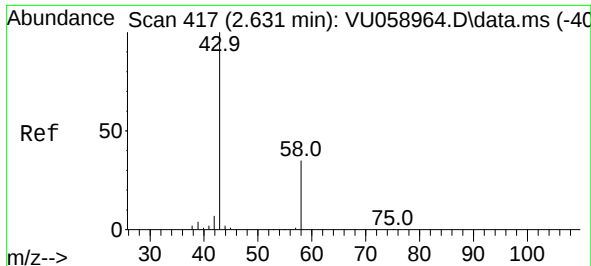
Tgt Ion:101 Resp: 61473
 Ion Ratio Lower Upper
 101 100
 85 46.1 34.9 52.3
 151 68.4 54.5 81.7



#12
 1,1-Dichloroethene
 Concen: 44.457 ug/L
 RT: 2.561 min Scan# 395
 Delta R.T. -0.010 min
 Lab File: VU058987.D
 Acq: 24 May 2024 21:52

Tgt Ion: 96 Resp: 50939
 Ion Ratio Lower Upper
 96 100
 61 188.7 122.2 227.0
 63 159.1 102.8 190.8





#13

Acetone

Concen: 88.074 ug/L

RT: 2.618 min Scan# 417

Delta R.T. -0.013 min

Lab File: VU058987.D

Acq: 24 May 2024 21:52

Instrument :

MSVOA_U

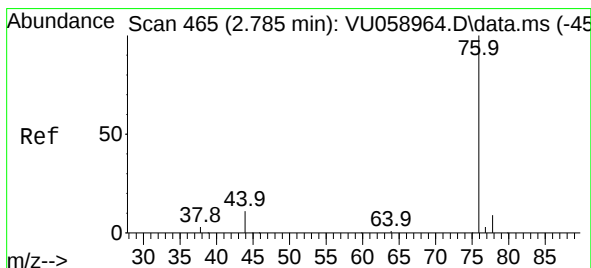
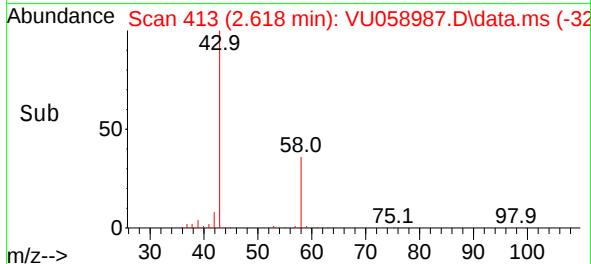
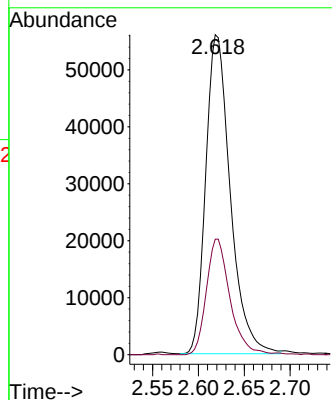
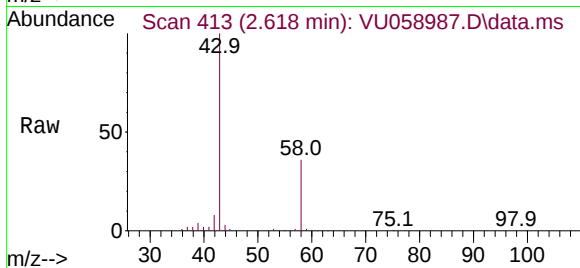
ClientSampleId :

Tgt Ion: 43 Resp: 104343

Ion Ratio Lower Upper

43 100

58 34.7 0.0 67.2



#14

Carbon disulfide

Concen: 39.881 ug/L

RT: 2.773 min Scan# 461

Delta R.T. -0.013 min

Lab File: VU058987.D

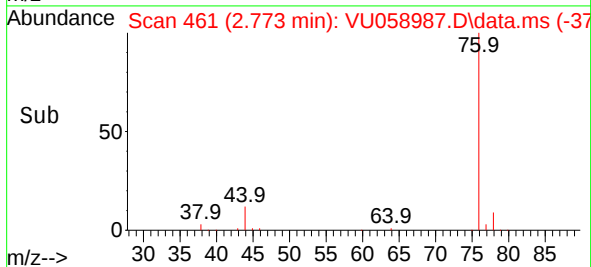
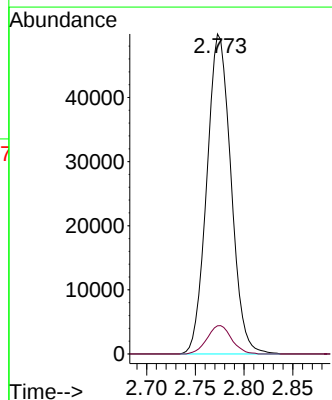
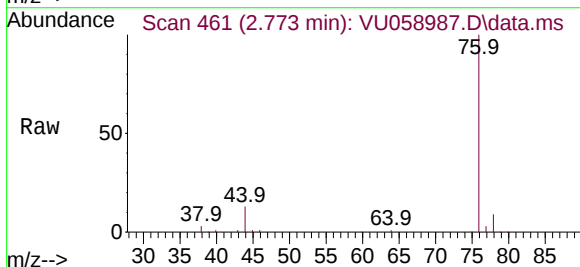
Acq: 24 May 2024 21:52

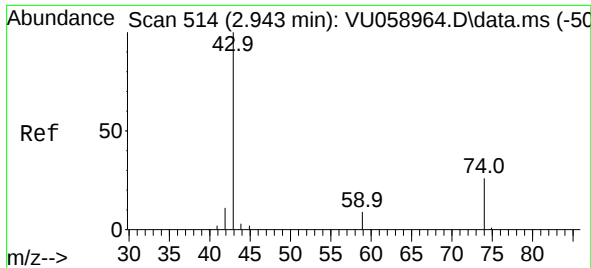
Tgt Ion: 76 Resp: 85971

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7





#15

Methyl Acetate

Concen: 56.853 ug/L

RT: 2.937 min Scan# 51

Delta R.T. -0.006 min

Lab File: VU058987.D

Acq: 24 May 2024 21:52

Instrument :

MSVOA_U

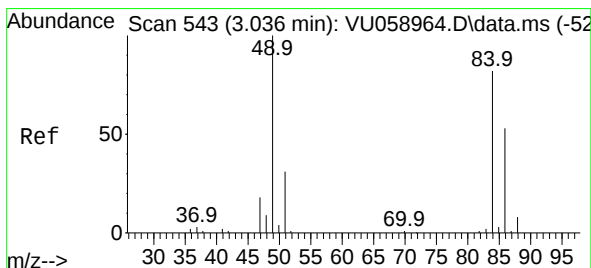
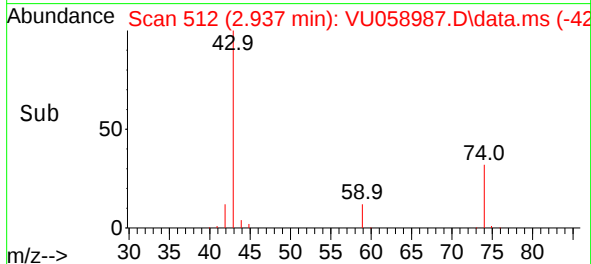
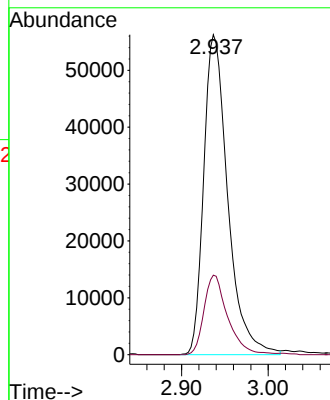
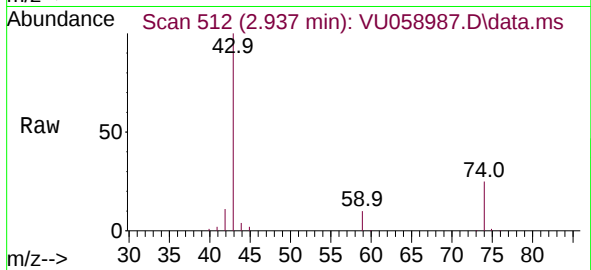
ClientSampleId :

Tgt Ion: 43 Resp: 108544

Ion Ratio Lower Upper

43 100

74 24.4 19.8 29.8



#16

Methylene chloride

Concen: 41.607 ug/L

RT: 3.030 min Scan# 541

Delta R.T. -0.006 min

Lab File: VU058987.D

Acq: 24 May 2024 21:52

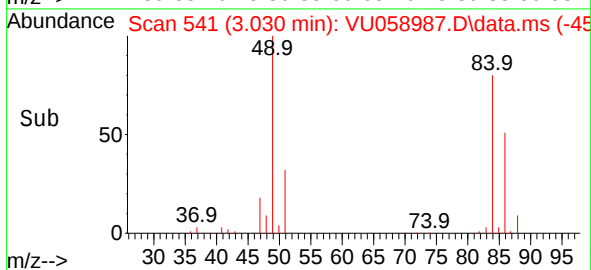
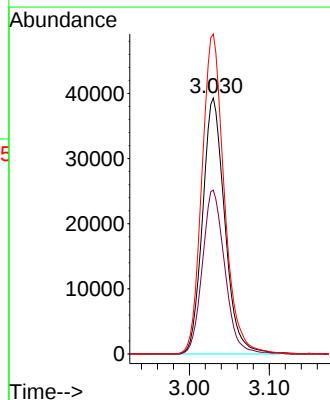
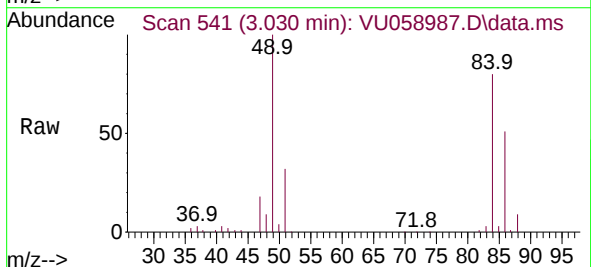
Tgt Ion: 84 Resp: 76047

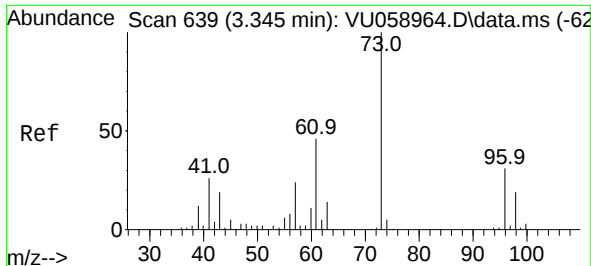
Ion Ratio Lower Upper

84 100

86 64.0 44.9 83.5

49 125.0 85.4 158.6

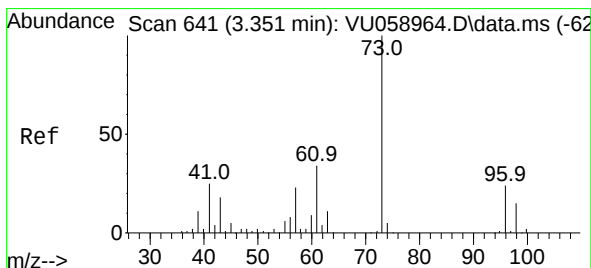
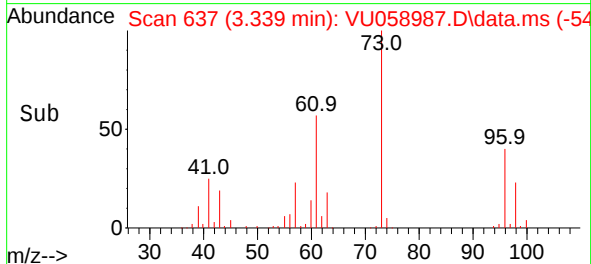
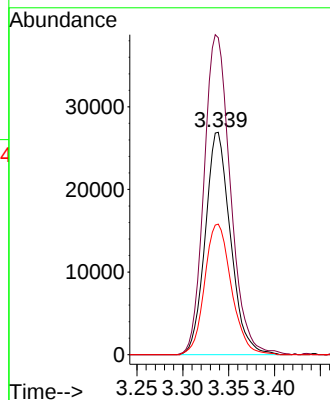
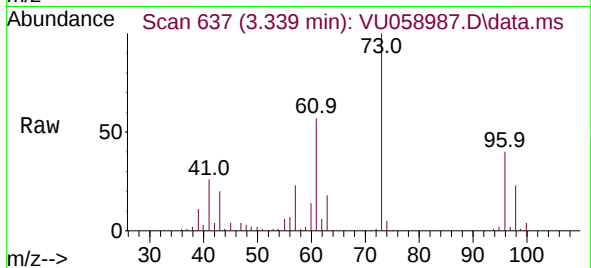




#17
trans-1,2-Dichloroethene
Concen: 44.899 ug/L
RT: 3.339 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU058987.D
Acq: 24 May 2024 21:52

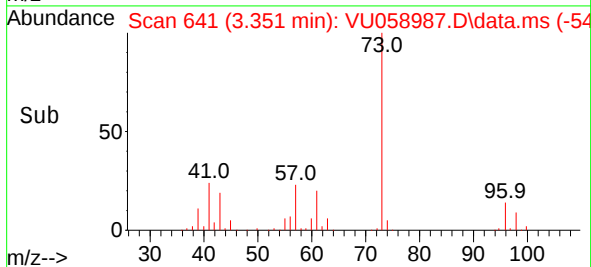
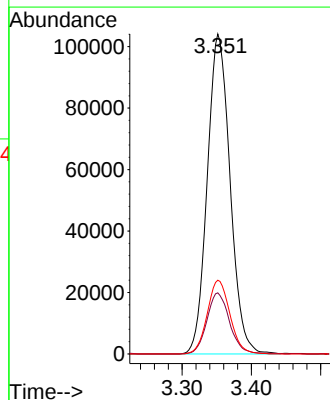
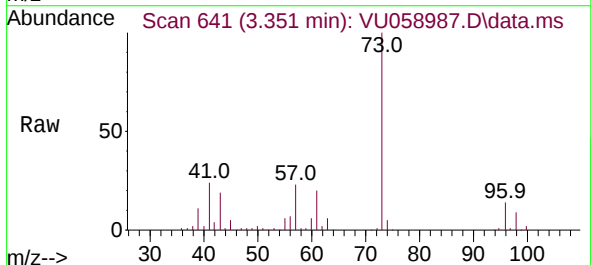
Instrument :
MSVOA_U
ClientSampleId :

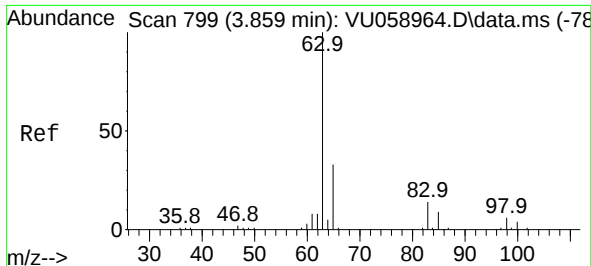
Tgt Ion: 96 Resp: 51683
Ion Ratio Lower Upper
96 100
61 142.5 103.5 192.1
98 58.7 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 52.213 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU058987.D
Acq: 24 May 2024 21:52

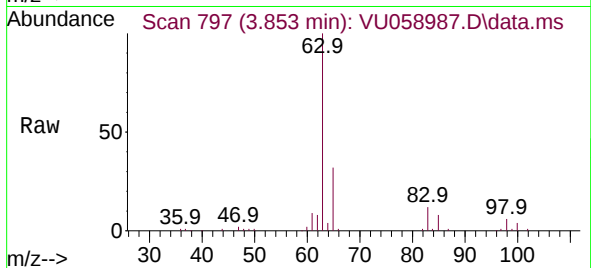
Tgt Ion: 73 Resp: 237892
Ion Ratio Lower Upper
73 100
43 19.1 15.4 23.2
57 22.8 18.6 27.8



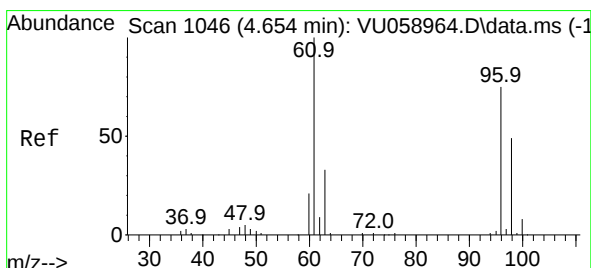
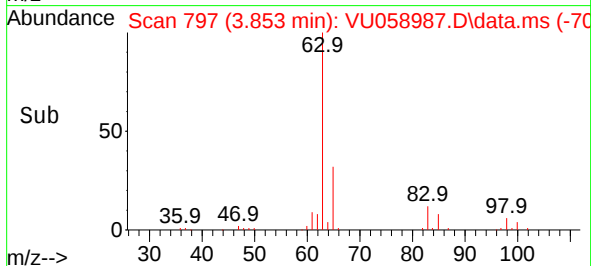
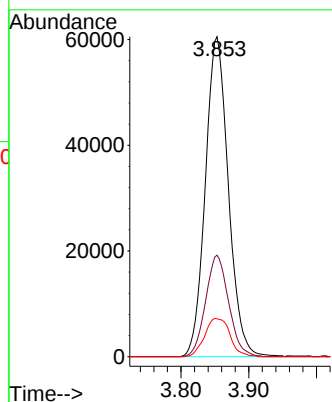


#19
1,1-Dichloroethane
Concen: 48.744 ug/L
RT: 3.853 min Scan# 799
Delta R.T. -0.006 min
Lab File: VU058987.D
Acq: 24 May 2024 21:52

Instrument :
MSVOA_U
ClientSampleId :

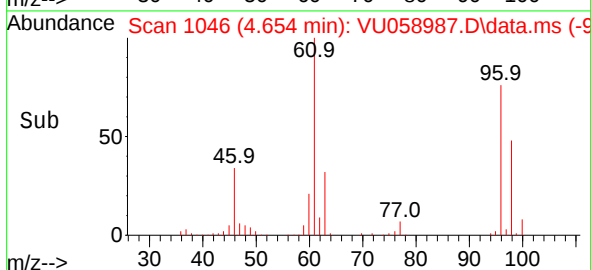
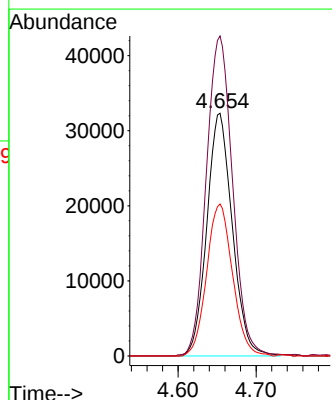
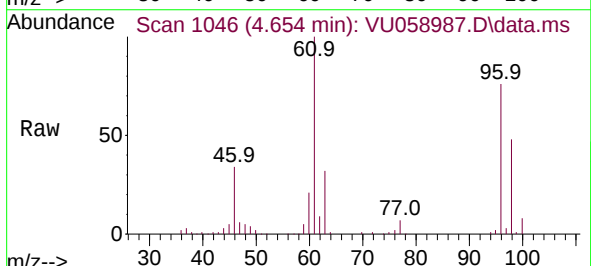


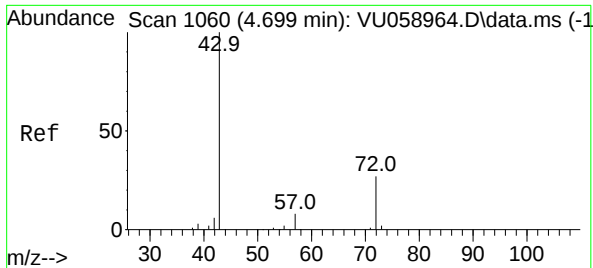
Tgt Ion: 63 Resp: 142933
Ion Ratio Lower Upper
63 100
65 31.7 22.3 41.3
83 11.8 8.5 15.9



#20
cis-1,2-Dichloroethene
Concen: 48.284 ug/L
RT: 4.654 min Scan# 1046
Delta R.T. 0.000 min
Lab File: VU058987.D
Acq: 24 May 2024 21:52

Tgt Ion: 96 Resp: 73568
Ion Ratio Lower Upper
96 100
61 131.8 91.1 169.3
98 62.6 44.4 82.4

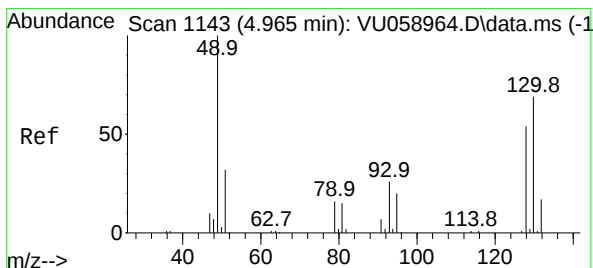
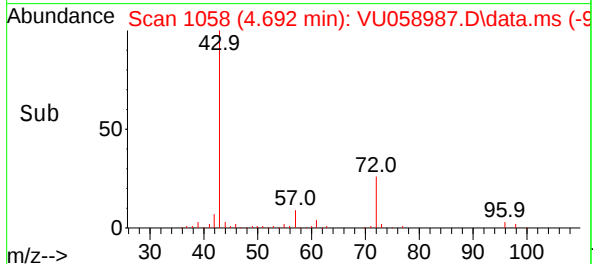
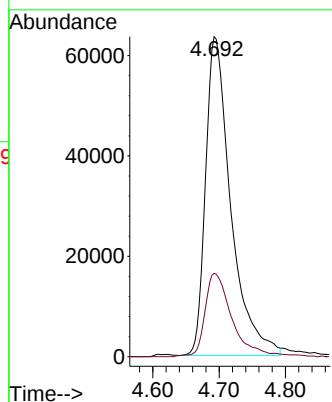
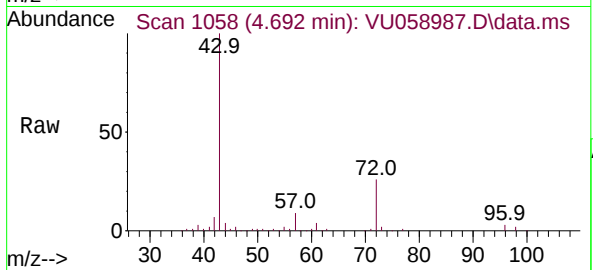




#22
2-Butanone
Concen: 108.712 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VU058987.D
Acq: 24 May 2024 21:52

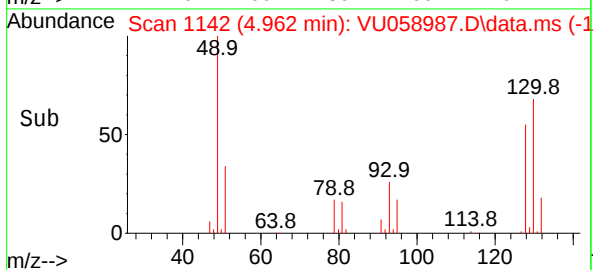
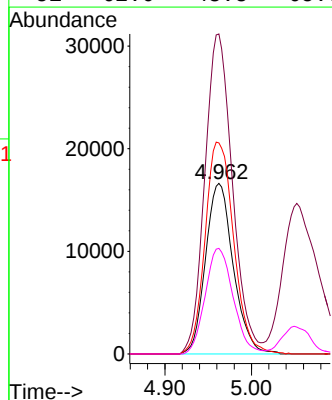
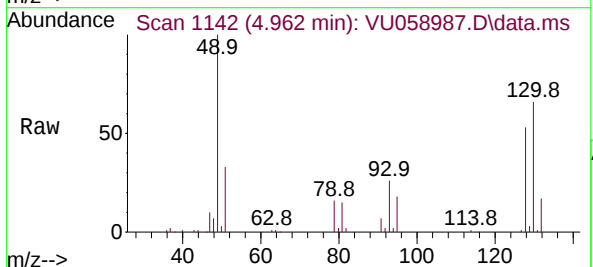
Instrument :
MSVOA_U
ClientSampleId :

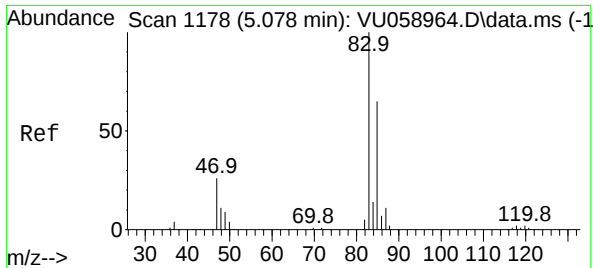
Tgt Ion: 43 Resp: 167771
Ion Ratio Lower Upper
43 100
72 27.4 13.9 41.7



#23
Bromochloromethane
Concen: 46.646 ug/L
RT: 4.962 min Scan# 1142
Delta R.T. -0.003 min
Lab File: VU058987.D
Acq: 24 May 2024 21:52

Tgt Ion:128 Resp: 37050
Ion Ratio Lower Upper
128 100
49 187.7 123.8 229.8
130 123.7 90.6 168.2
51 62.0 43.8 65.6





#25

Chloroform

Concen: 48.596 ug/L

RT: 5.075 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU058987.D

Acq: 24 May 2024 21:52

Instrument :

MSVOA_U

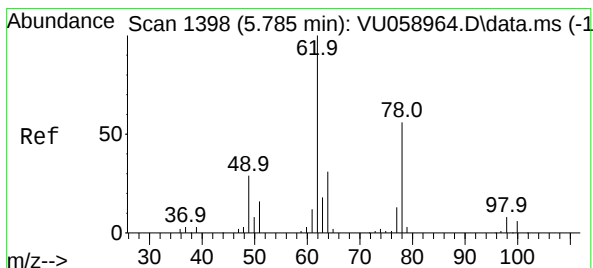
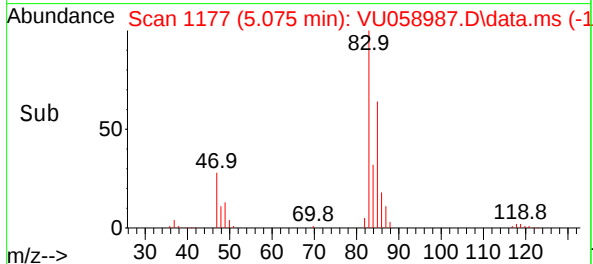
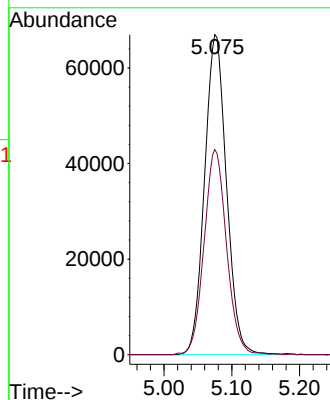
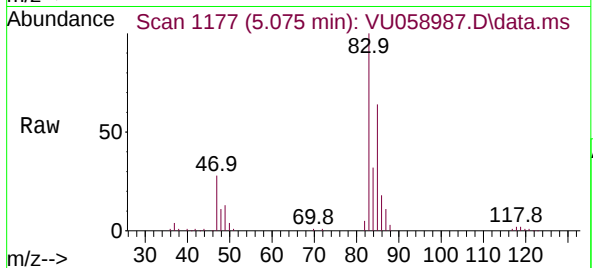
ClientSampleId :

Tgt Ion: 83 Resp: 150452

Ion Ratio Lower Upper

83 100

85 64.1 43.8 81.3



#27

1,2-Dichloroethane

Concen: 49.426 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.003 min

Lab File: VU058987.D

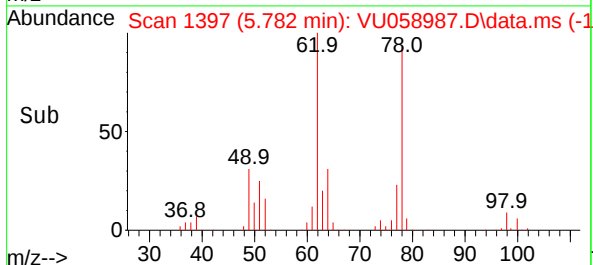
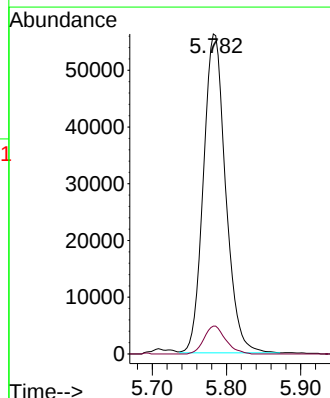
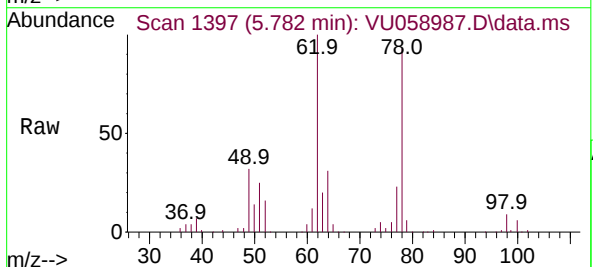
Acq: 24 May 2024 21:52

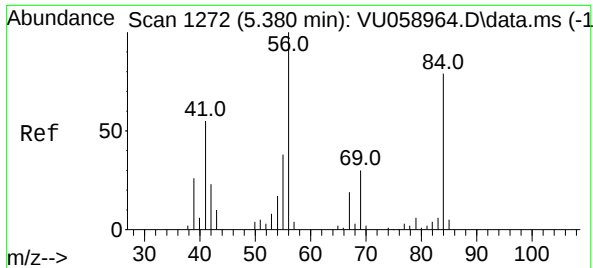
Tgt Ion: 62 Resp: 116799

Ion Ratio Lower Upper

62 100

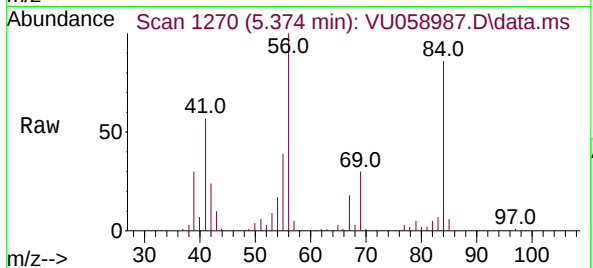
98 9.4 7.0 10.4



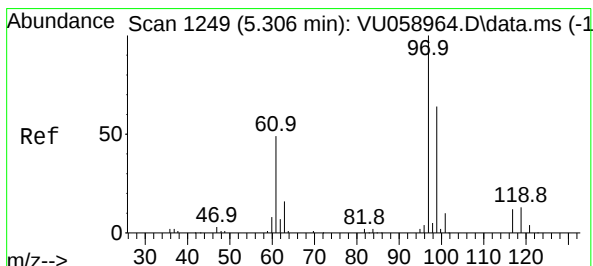
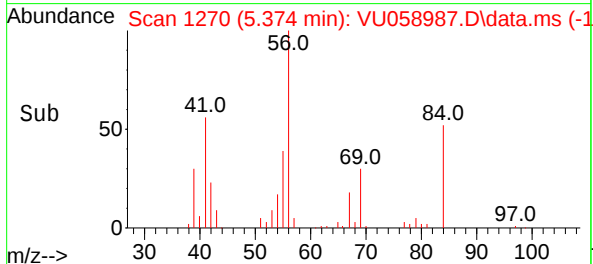
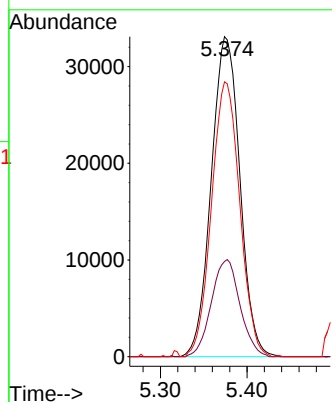


#29
Cyclohexane
Concen: 47.869 ug/L
RT: 5.374 min Scan# 1270
Delta R.T. -0.006 min
Lab File: VU058987.D
Acq: 24 May 2024 21:52

Instrument :
MSVOA_U
ClientSampleId :

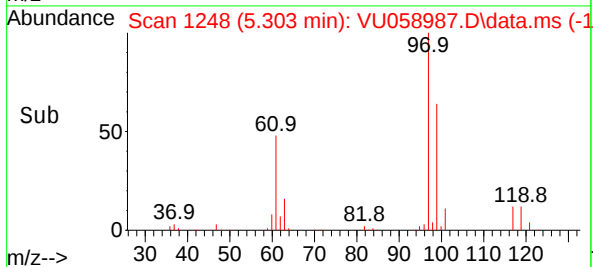
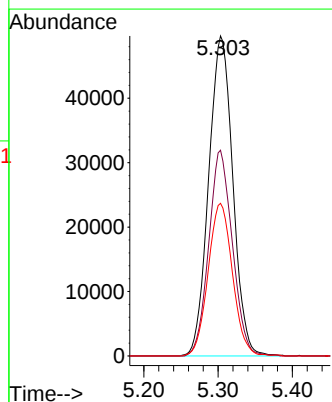
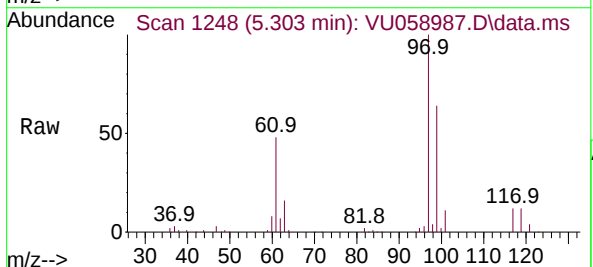


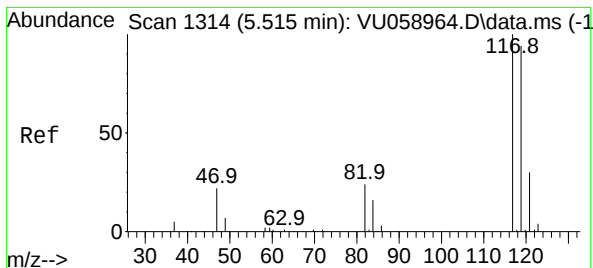
Tgt Ion: 56 Resp: 75995
Ion Ratio Lower Upper
56 100
69 30.3 24.3 36.5
84 84.7 66.7 100.1



#30
1,1,1-Trichloroethane
Concen: 50.224 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU058987.D
Acq: 24 May 2024 21:52

Tgt Ion: 97 Resp: 112430
Ion Ratio Lower Upper
97 100
99 62.8 51.8 77.8
61 47.8 38.9 58.3





#31

Carbon tetrachloride

Concen: 46.335 ug/L

RT: 5.512 min Scan# 1314

Delta R.T. -0.003 min

Lab File: VU058987.D

Acq: 24 May 2024 21:52

Instrument :

MSVOA_U

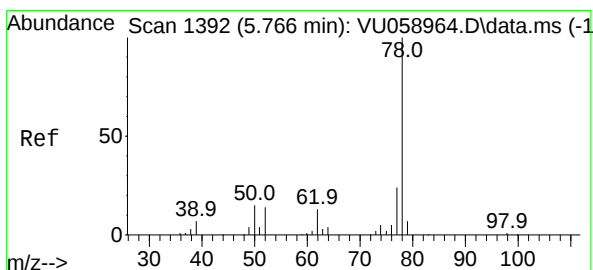
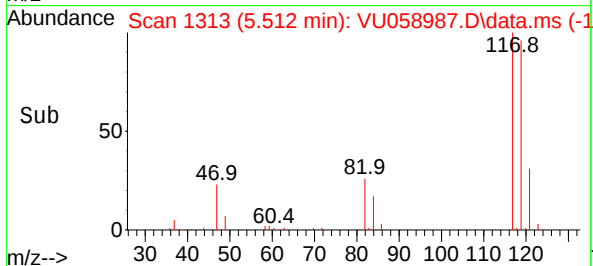
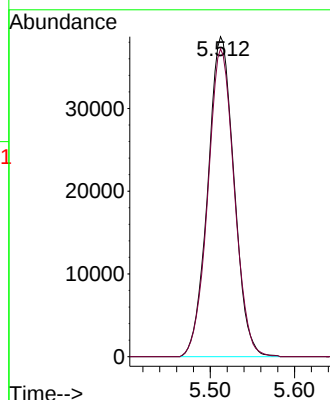
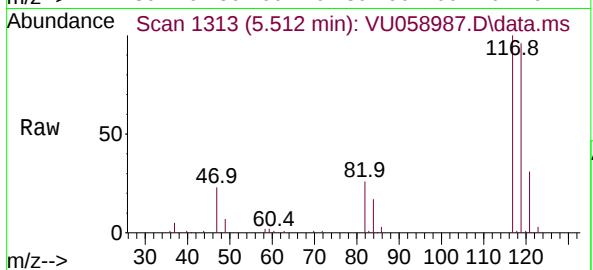
ClientSampleId :

Tgt Ion:117 Resp: 83780

Ion Ratio Lower Upper

117 100

119 96.7 77.4 116.0



#33

Benzene

Concen: 51.716 ug/L

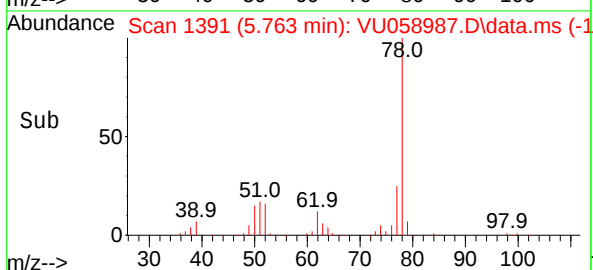
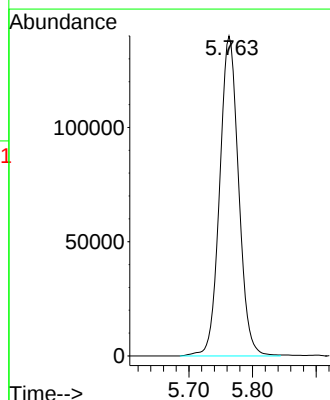
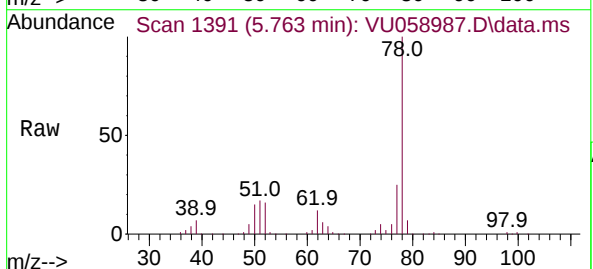
RT: 5.763 min Scan# 1391

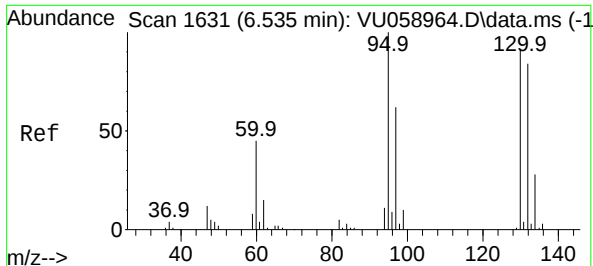
Delta R.T. -0.003 min

Lab File: VU058987.D

Acq: 24 May 2024 21:52

Tgt Ion: 78 Resp: 289988





#34

Trichloroethene

Concen: 46.422 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU058987.D

Acq: 24 May 2024 21:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 69088

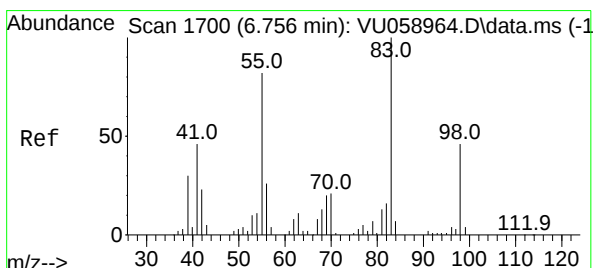
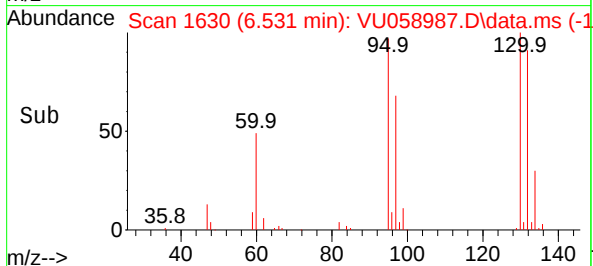
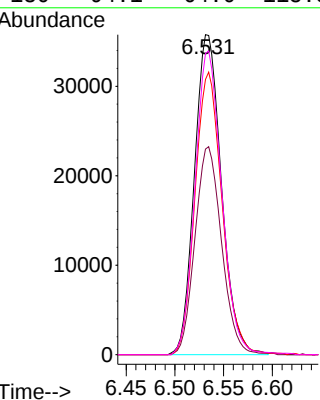
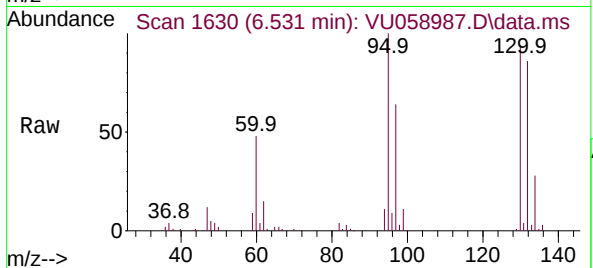
Ion Ratio Lower Upper

95 100

97 64.3 45.9 85.3

132 86.0 60.5 112.5

130 94.1 64.0 118.8



#35

Methylcyclohexane

Concen: 42.170 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU058987.D

Acq: 24 May 2024 21:52

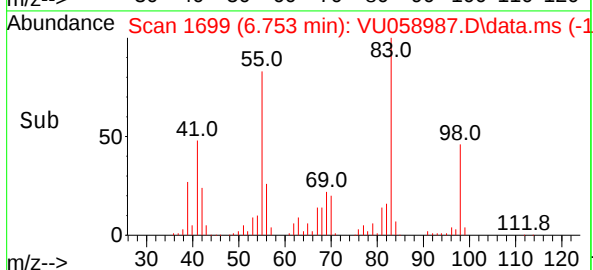
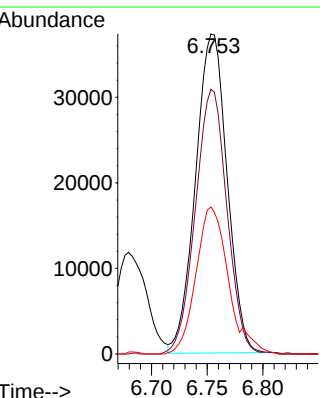
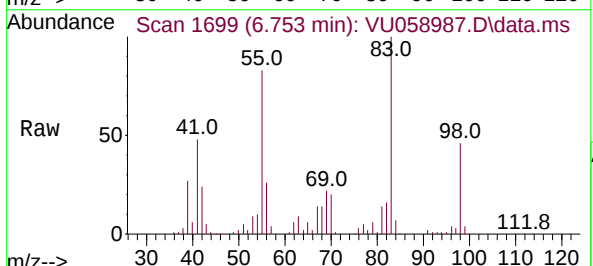
Tgt Ion: 83 Resp: 73560

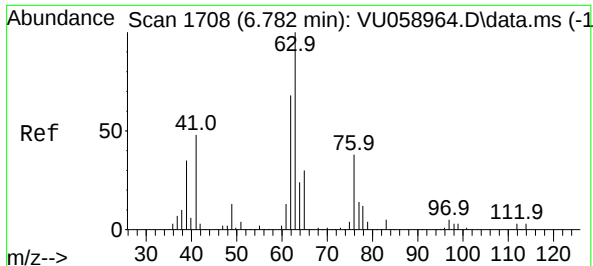
Ion Ratio Lower Upper

83 100

55 82.8 61.5 92.3

98 44.1 36.2 54.2

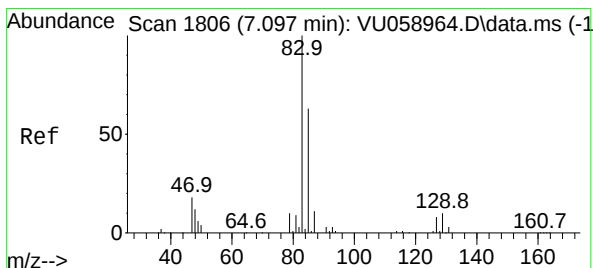
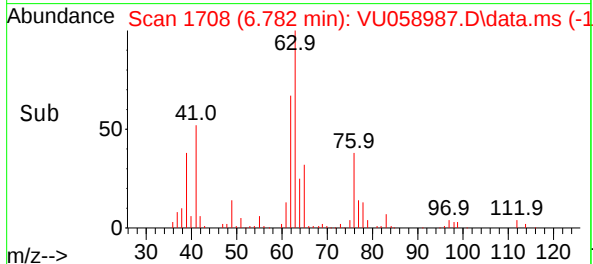
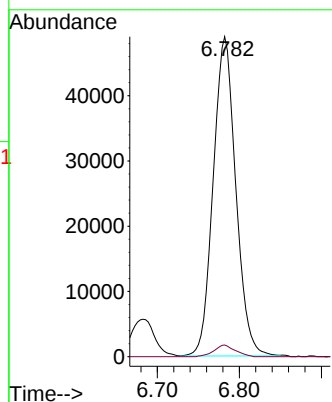
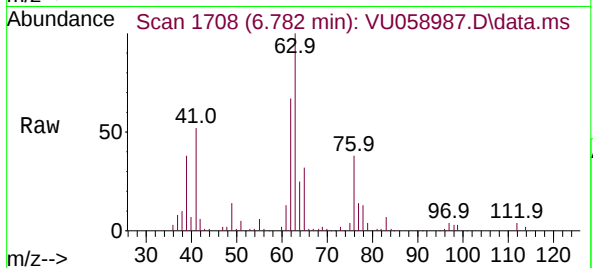




#37
1,2-Dichloropropane
Concen: 51.464 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058987.D
Acq: 24 May 2024 21:52

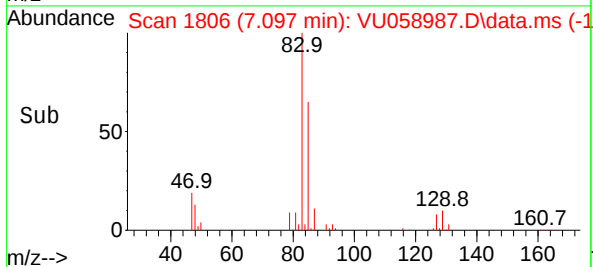
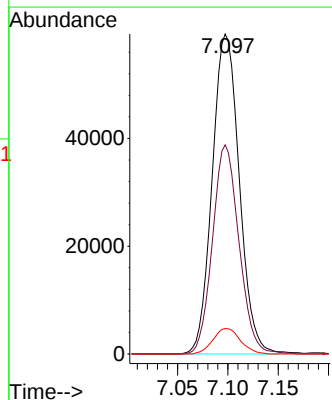
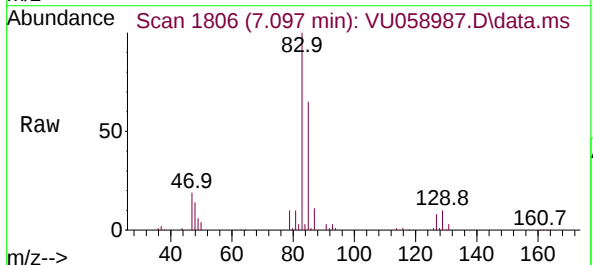
Instrument :
MSVOA_U
ClientSampleId :

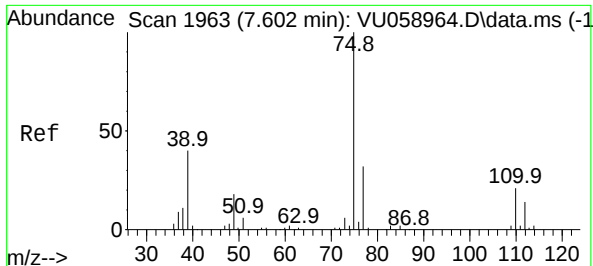
Tgt Ion: 63 Resp: 93786
Ion Ratio Lower Upper
63 100
112 3.5 2.5 3.7



#38
Bromodichloromethane
Concen: 49.112 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058987.D
Acq: 24 May 2024 21:52

Tgt Ion: 83 Resp: 111227
Ion Ratio Lower Upper
83 100
85 65.3 43.5 80.9
127 7.9 5.8 8.6

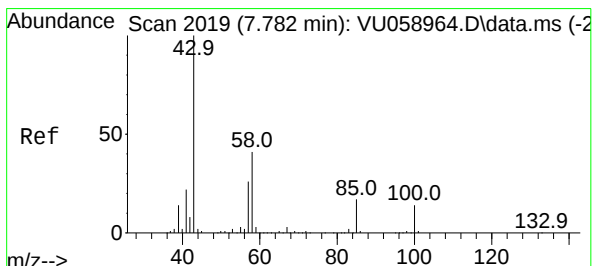
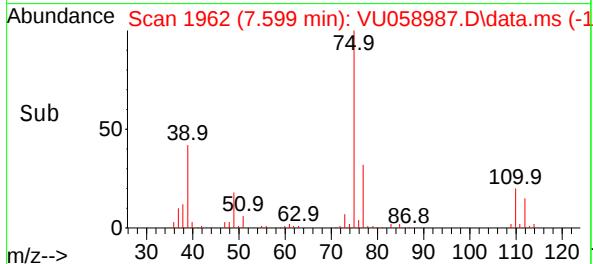
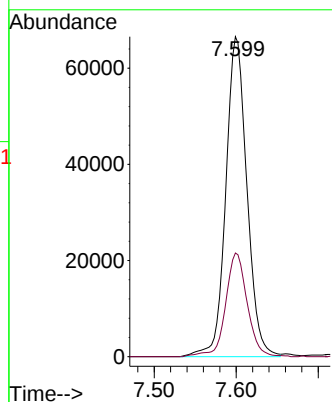
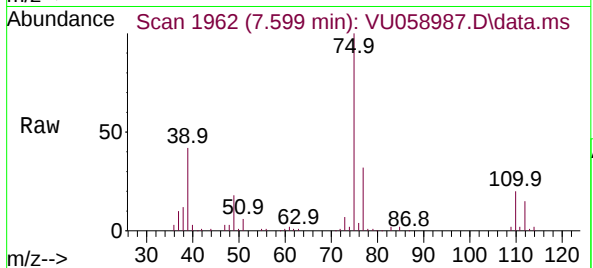




#39
 cis-1,3-Dichloropropene
 Concen: 47.518 ug/L
 RT: 7.599 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VU058987.D
 Acq: 24 May 2024 21:52

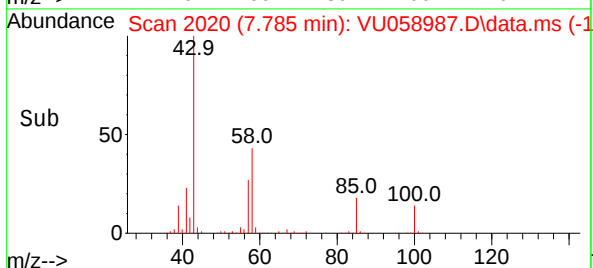
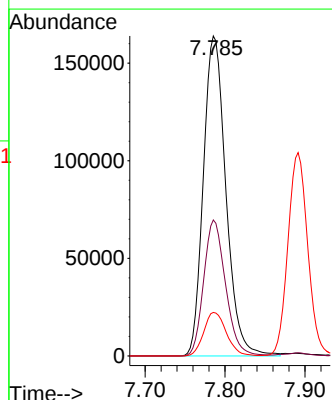
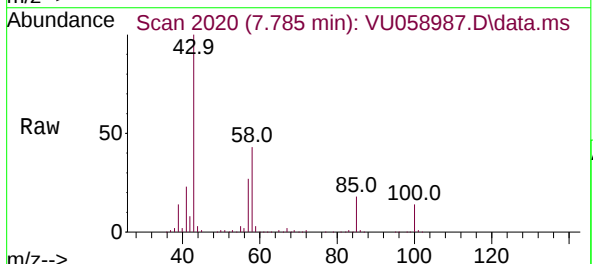
Instrument :
 MSVOA_U
 ClientSampleId :

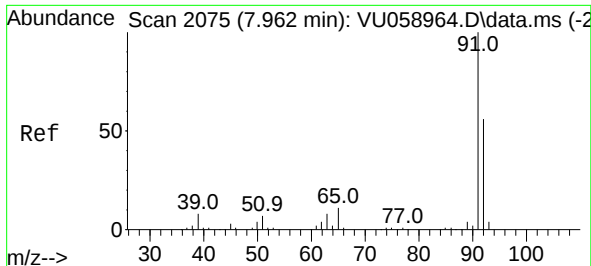
Tgt Ion: 75 Resp: 119278
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 124.098 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU058987.D
 Acq: 24 May 2024 21:52

Tgt Ion: 43 Resp: 322387
 Ion Ratio Lower Upper
 43 100
 58 41.2 33.5 50.3
 100 13.7 11.8 17.8





#42

Toluene

Concen: 49.997 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058987.D

Acq: 24 May 2024 21:52

Instrument :

MSVOA_U

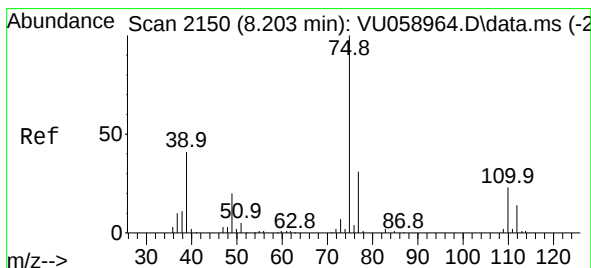
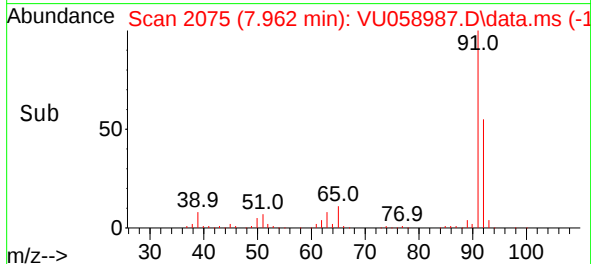
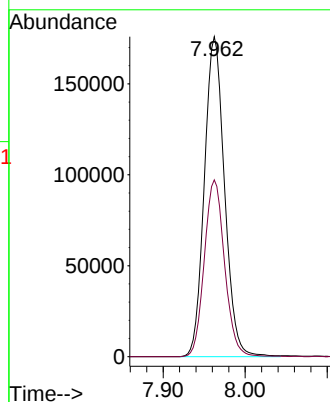
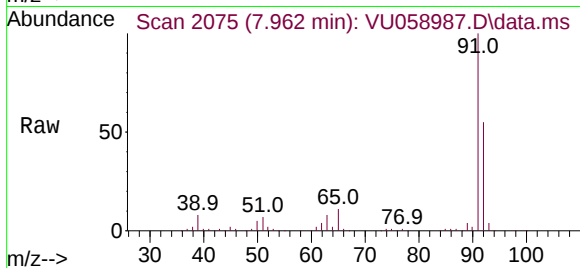
ClientSampleId :

Tgt Ion: 91 Resp: 300512

Ion Ratio Lower Upper

91 100

92 55.2 38.7 71.9



#44

trans-1,3-Dichloropropene

Concen: 47.458 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU058987.D

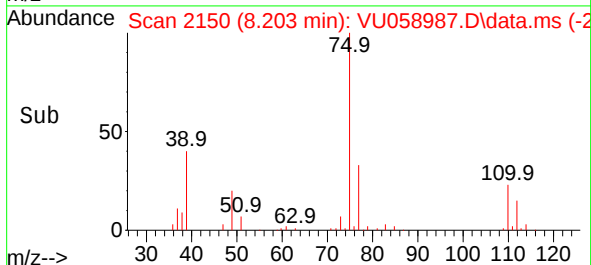
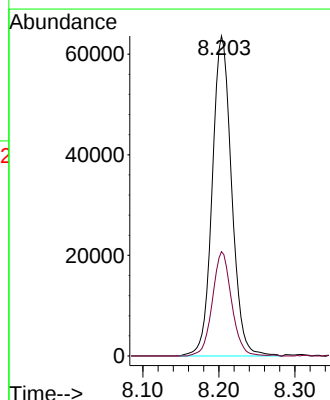
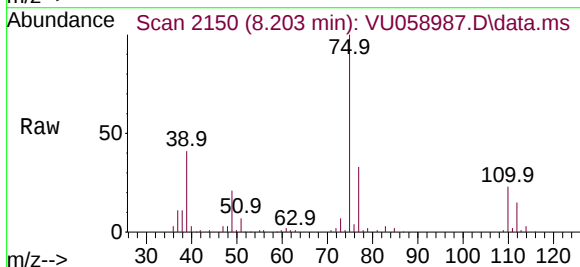
Acq: 24 May 2024 21:52

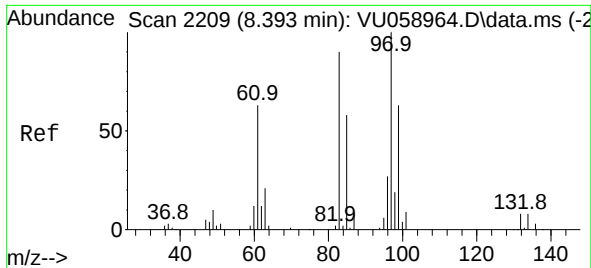
Tgt Ion: 75 Resp: 112773

Ion Ratio Lower Upper

75 100

77 32.6 23.0 42.8

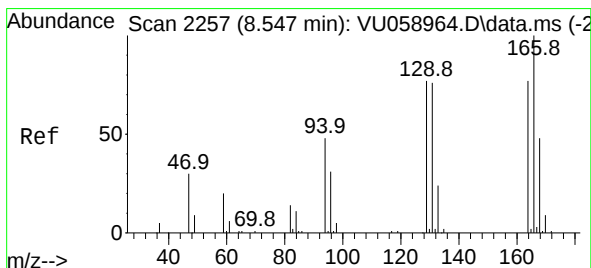
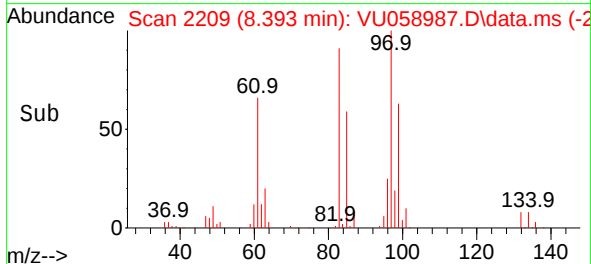
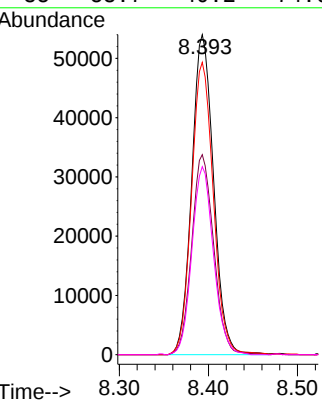
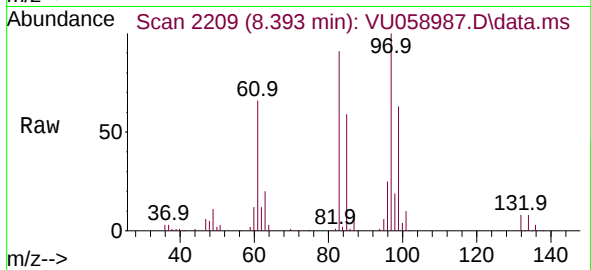




#45
1,1,2-Trichloroethane
Concen: 51.245 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058987.D
Acq: 24 May 2024 21:52

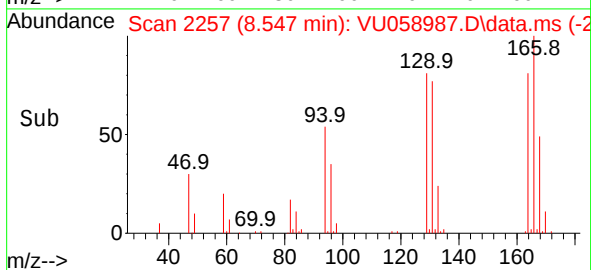
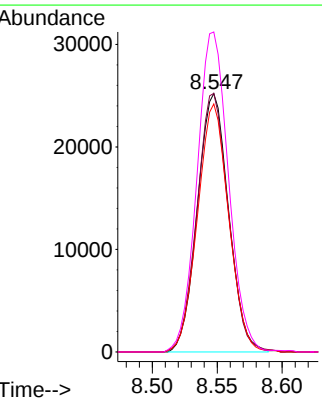
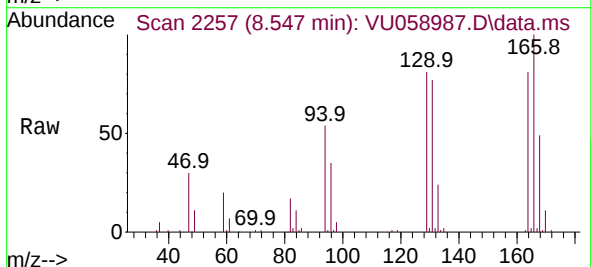
Instrument :
MSVOA_U
ClientSampleId :

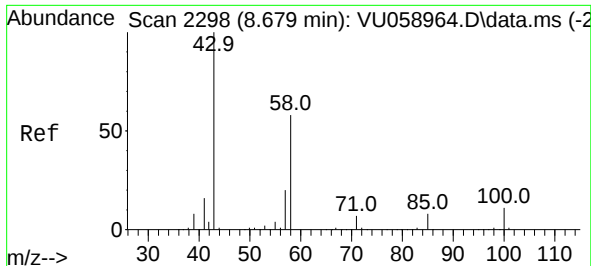
Tgt Ion:	97	Resp:	92197
Ion	Ratio	Lower	Upper
97	100		
99	62.5	42.6	79.2
83	91.3	62.2	115.6
85	58.7	40.2	74.6



#46
Tetrachloroethene
Concen: 42.337 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058987.D
Acq: 24 May 2024 21:52

Tgt Ion:	164	Resp:	42011
Ion	Ratio	Lower	Upper
164	100		
129	100.1	70.6	131.0
131	96.0	69.2	128.6
166	123.8	91.9	170.7





#48

2-Hexanone

Concen: 125.258 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

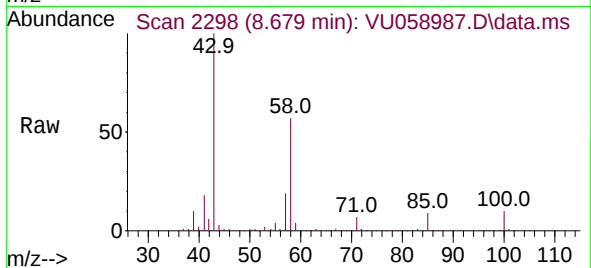
Lab File: VU058987.D

Acq: 24 May 2024 21:52

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 267930

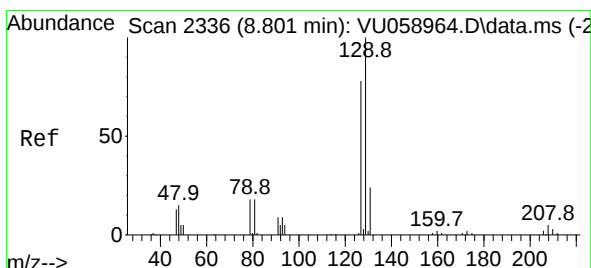
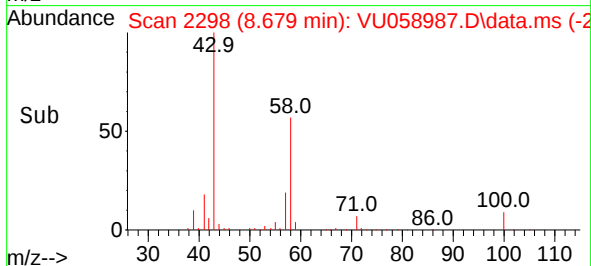
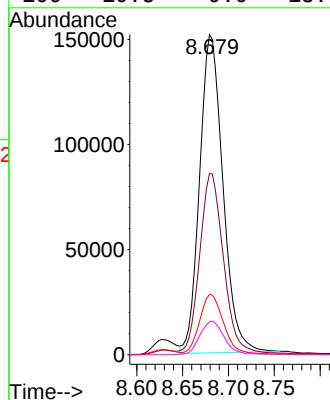
Ion Ratio Lower Upper

43 100

58 58.1 47.8 71.6

57 19.5 15.7 23.5

100 10.8 9.0 13.4



#49

Dibromochloromethane

Concen: 47.895 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU058987.D

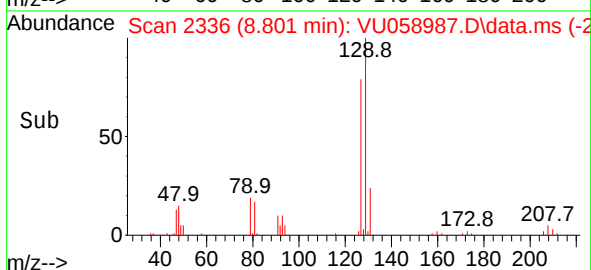
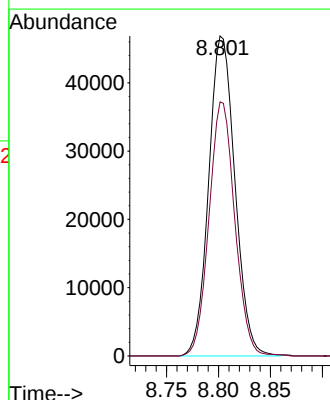
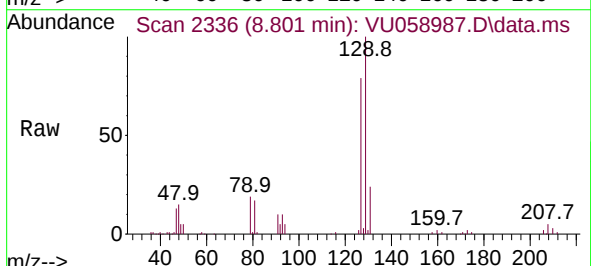
Acq: 24 May 2024 21:52

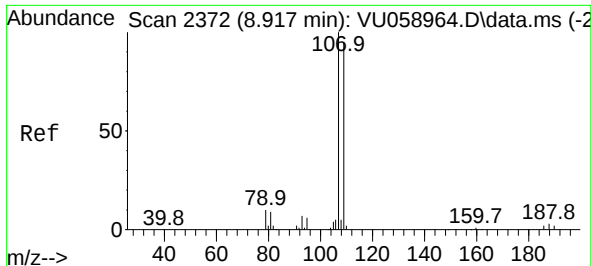
Tgt Ion:129 Resp: 82345

Ion Ratio Lower Upper

129 100

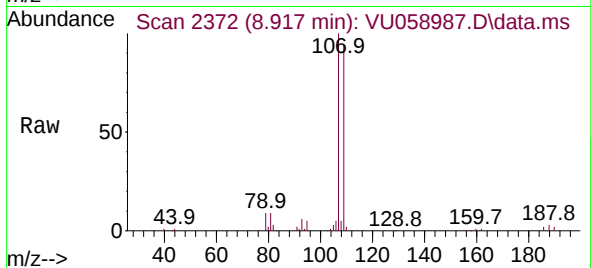
127 79.4 56.8 105.4



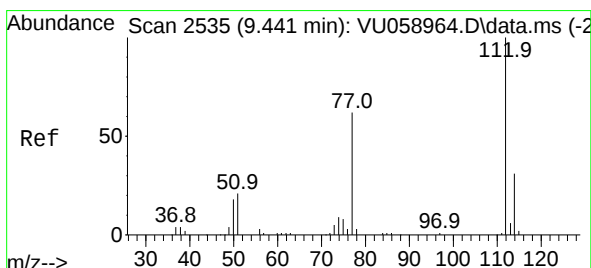
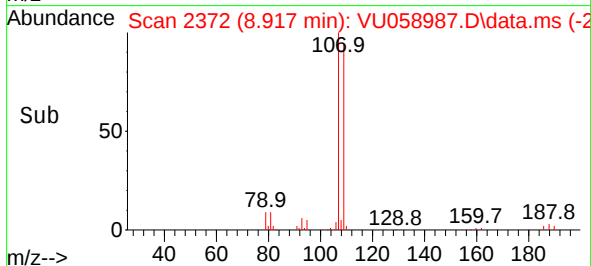
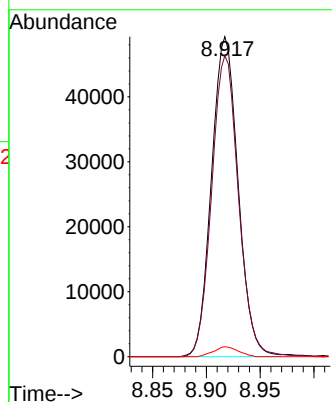


#50
1,2-Dibromoethane
Concen: 49.282 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU058987.D
Acq: 24 May 2024 21:52

Instrument :
MSVOA_U
ClientSampleId :

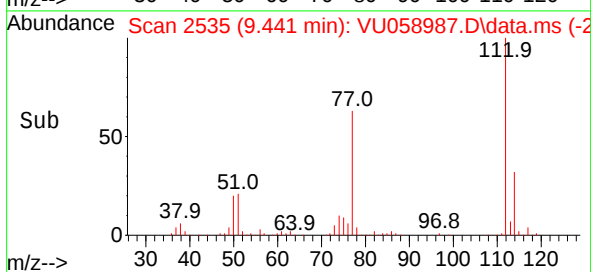
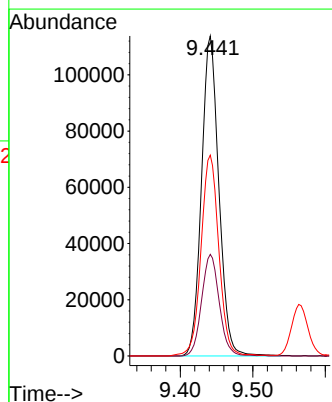
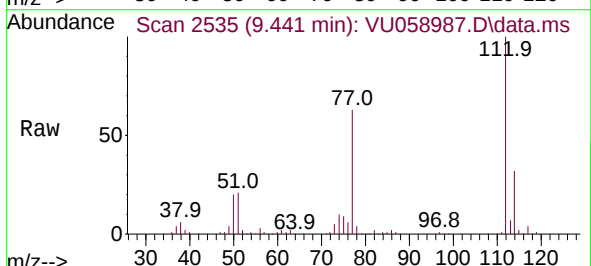


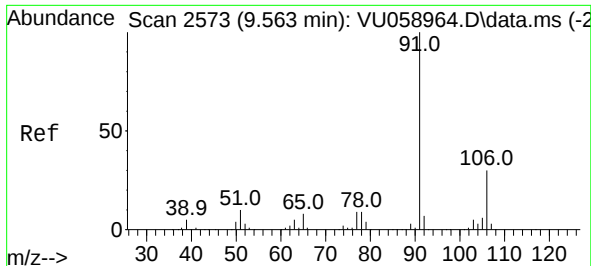
Tgt Ion:107 Resp: 84724
Ion Ratio Lower Upper
107 100
109 94.1 68.0 126.2
188 3.1 2.6 3.8



#51
Chlorobenzene
Concen: 47.638 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058987.D
Acq: 24 May 2024 21:52

Tgt Ion:112 Resp: 189258
Ion Ratio Lower Upper
112 100
114 31.8 21.8 40.6
77 62.7 48.8 73.2





#52

Ethylbenzene

Concen: 48.118 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU058987.D

Acq: 24 May 2024 21:52

Instrument :

MSVOA_U

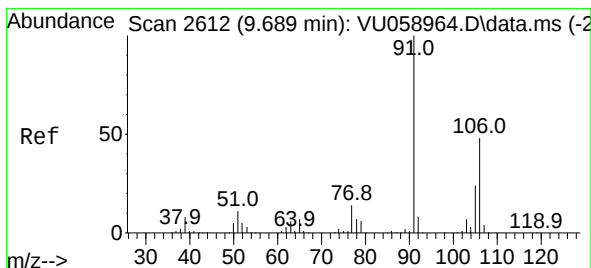
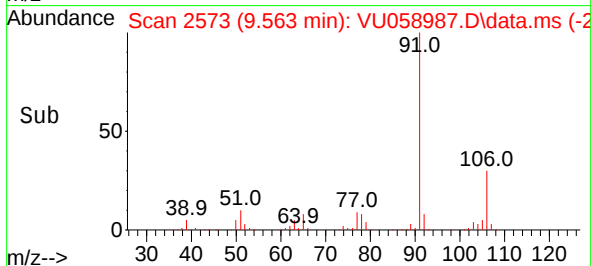
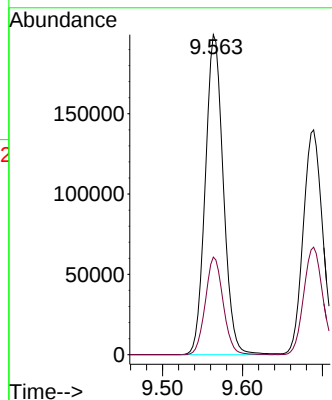
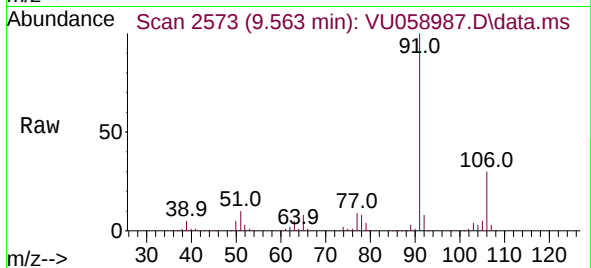
ClientSampleId :

Tgt Ion: 91 Resp: 312989

Ion Ratio Lower Upper

91 100

106 30.5 20.8 38.6



#53

m,p-Xylene

Concen: 48.092 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU058987.D

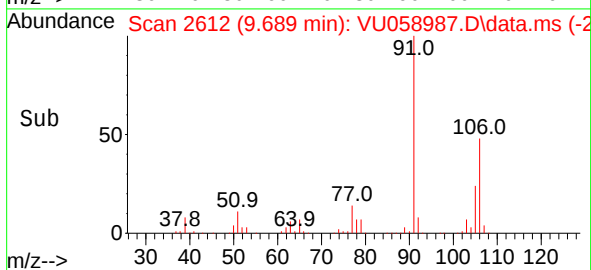
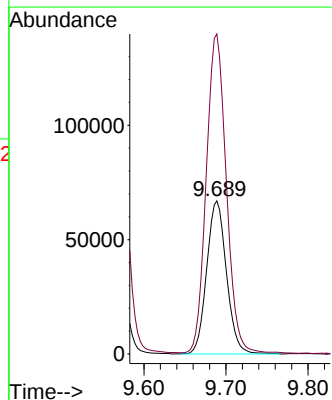
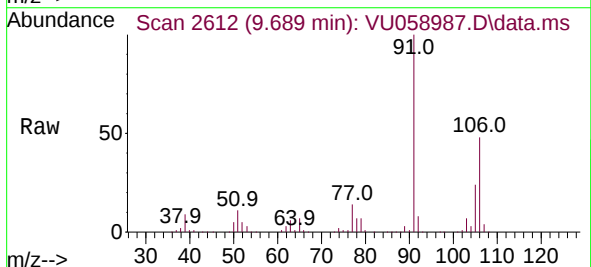
Acq: 24 May 2024 21:52

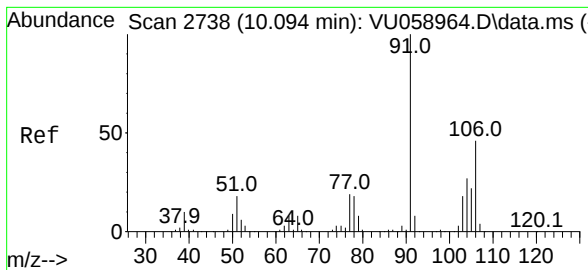
Tgt Ion:106 Resp: 112366

Ion Ratio Lower Upper

106 100

91 209.1 145.7 270.7

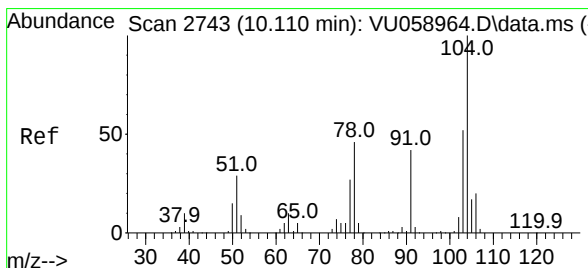
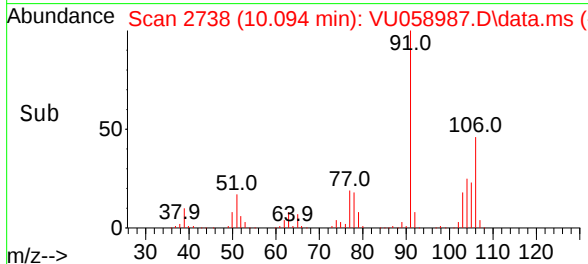
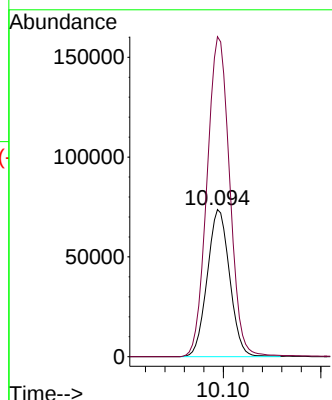
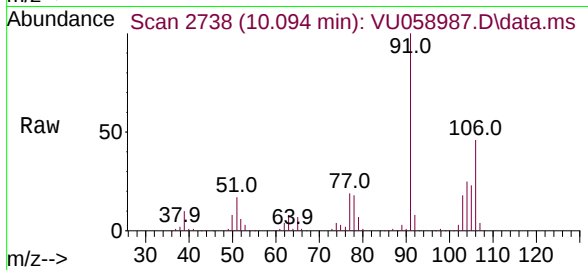




#54
o-Xylene
Concen: 50.351 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU058987.D
Acq: 24 May 2024 21:52

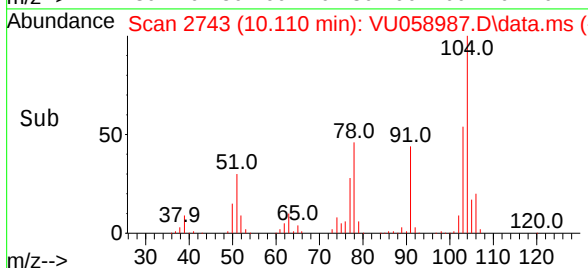
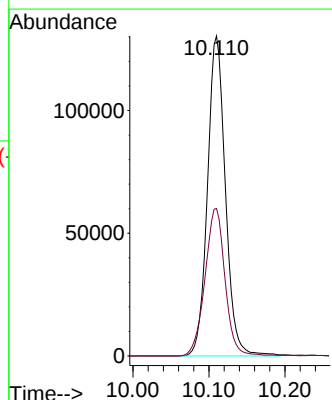
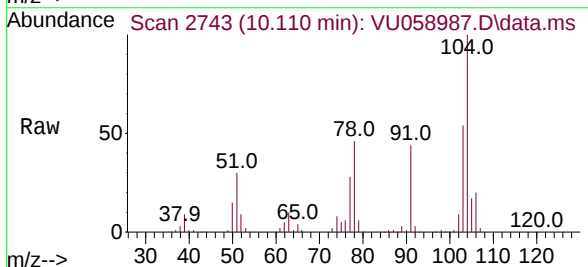
Instrument :
MSVOA_U
ClientSampleId :

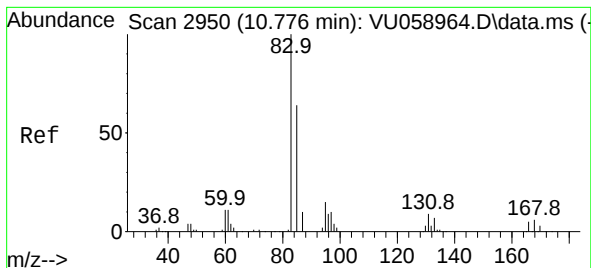
Tgt Ion:106 Resp: 117747
Ion Ratio Lower Upper
106 100
91 217.4 154.0 286.0



#55
Styrene
Concen: 51.181 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU058987.D
Acq: 24 May 2024 21:52

Tgt Ion:104 Resp: 213795
Ion Ratio Lower Upper
104 100
78 46.1 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 58.569 ug/L

RT: 10.776 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058987.D

Acq: 24 May 2024 21:52

Instrument :

MSVOA_U

ClientSampleId :

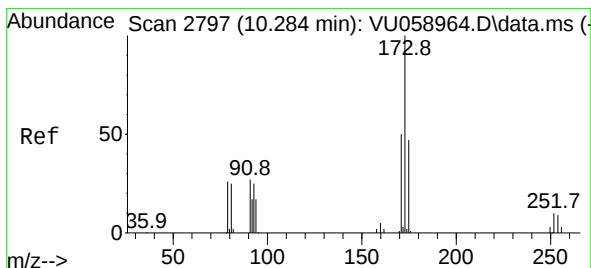
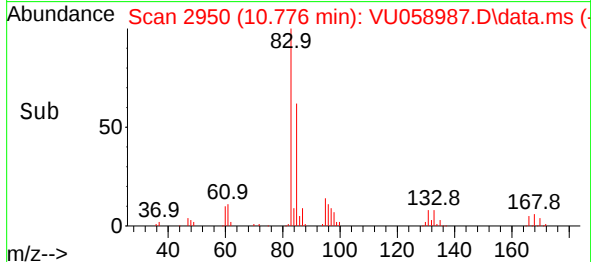
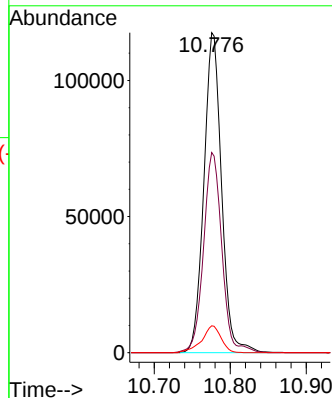
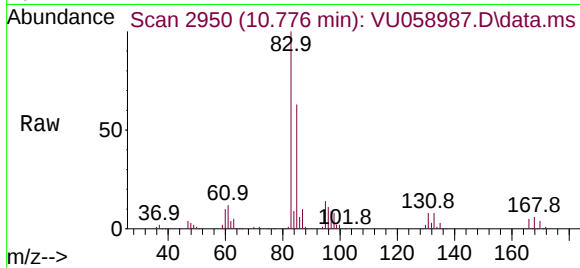
Tgt Ion: 83 Resp: 189893

Ion Ratio Lower Upper

83 100

85 62.5 43.5 80.9

131 8.4 7.1 10.7



#59

Bromoform

Concen: 50.872 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU058987.D

Acq: 24 May 2024 21:52

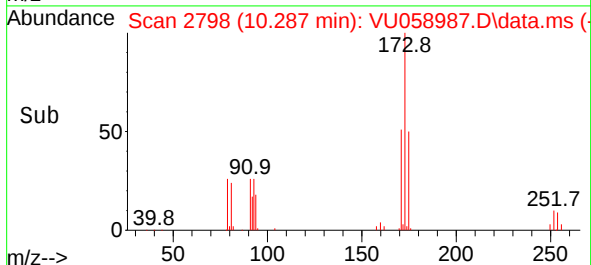
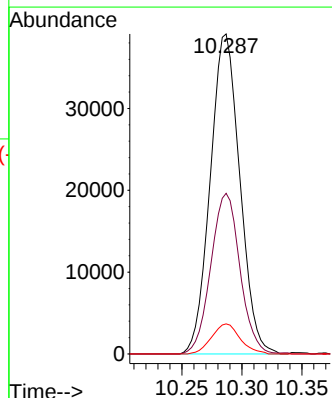
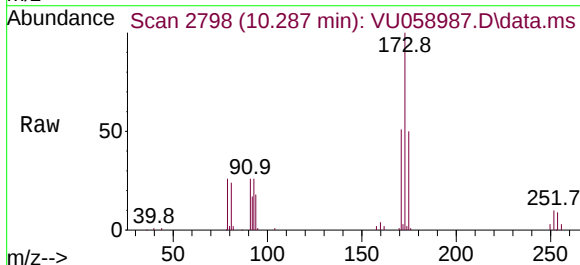
Tgt Ion:173 Resp: 67038

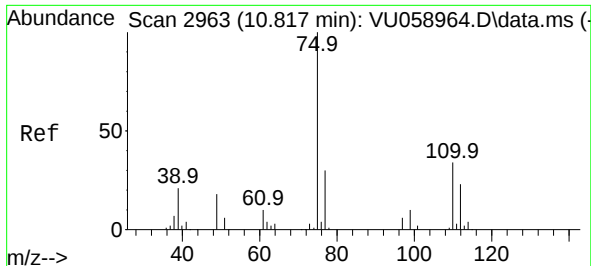
Ion Ratio Lower Upper

173 100

175 49.3 40.6 61.0

254 9.1 7.3 10.9





#60

1,2,3-Trichloropropane

Concen: 58.784 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU058987.D

Acq: 24 May 2024 21:52

Instrument :

MSVOA_U

ClientSampleId :

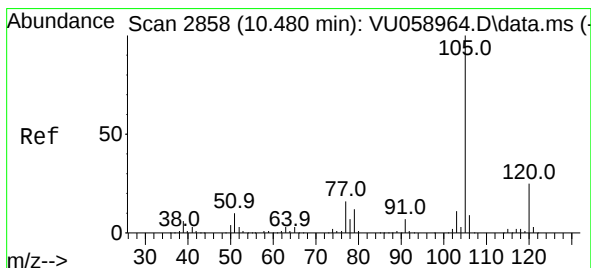
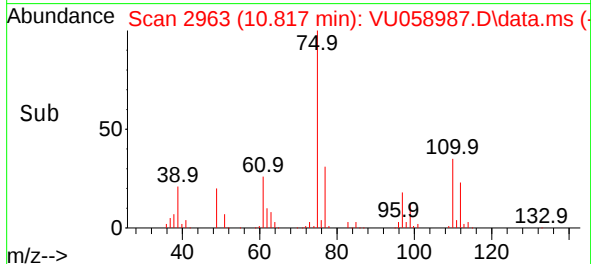
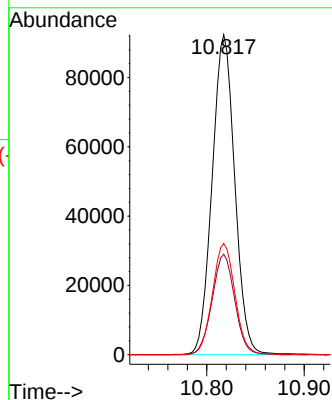
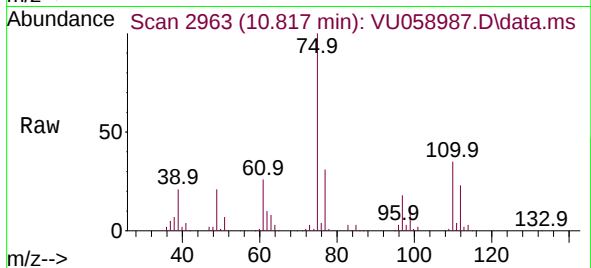
Tgt Ion: 75 Resp: 148732

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6

110 34.7 28.3 42.5



#61

Isopropylbenzene

Concen: 49.728 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU058987.D

Acq: 24 May 2024 21:52

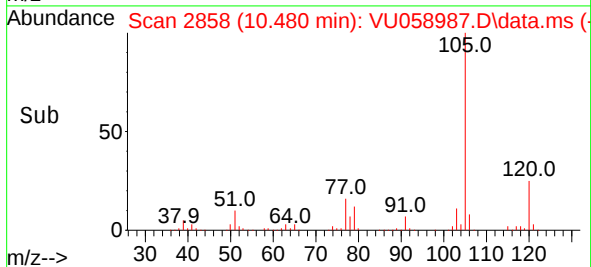
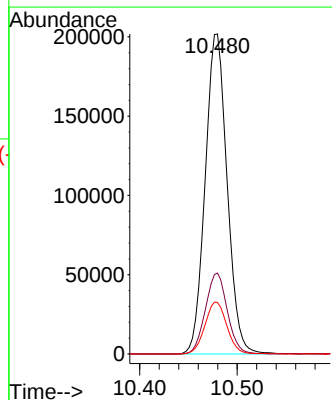
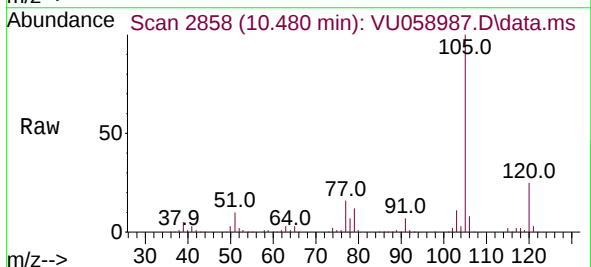
Tgt Ion:105 Resp: 315724

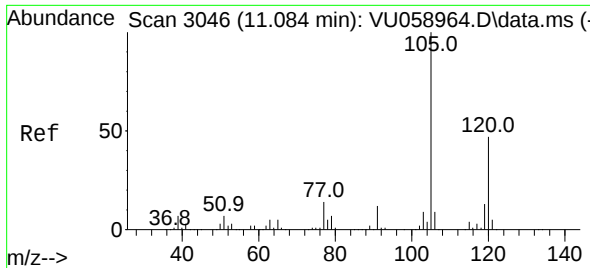
Ion Ratio Lower Upper

105 100

120 25.3 20.0 30.0

77 16.2 13.4 20.0





#62

1,3,5-Trimethylbenzene

Concen: 49.310 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU058987.D

Acq: 24 May 2024 21:52

Instrument :

MSVOA_U

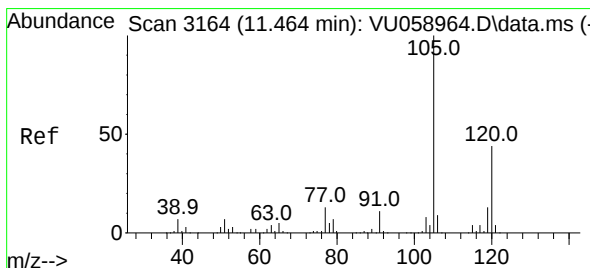
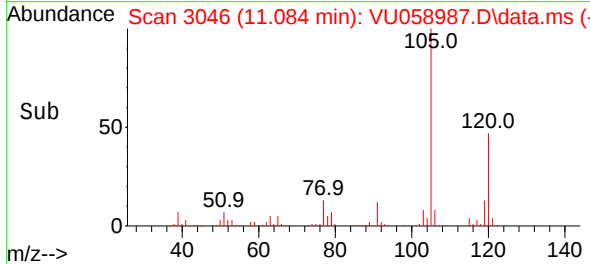
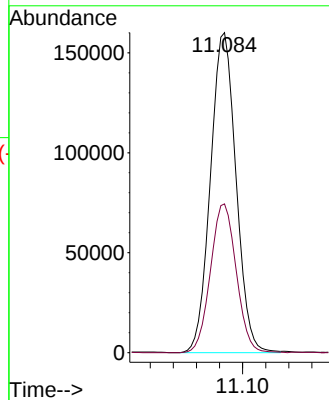
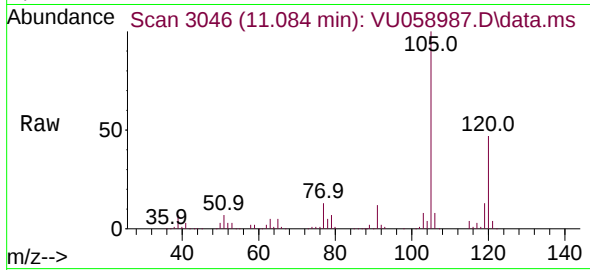
ClientSampleId :

Tgt Ion:105 Resp: 246643

Ion Ratio Lower Upper

105 100

120 46.8 36.9 55.3



#63

1,2,4-Trimethylbenzene

Concen: 50.696 ug/L

RT: 11.464 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU058987.D

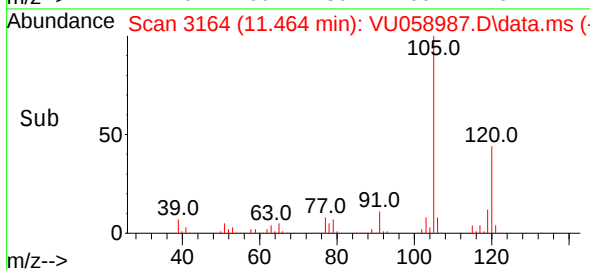
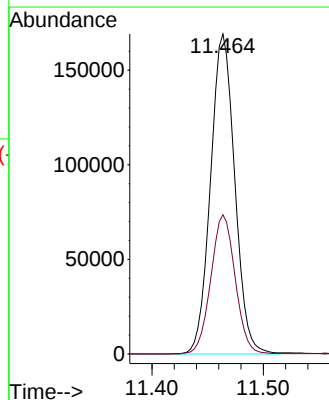
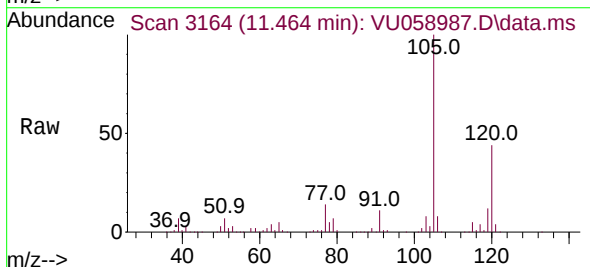
Acq: 24 May 2024 21:52

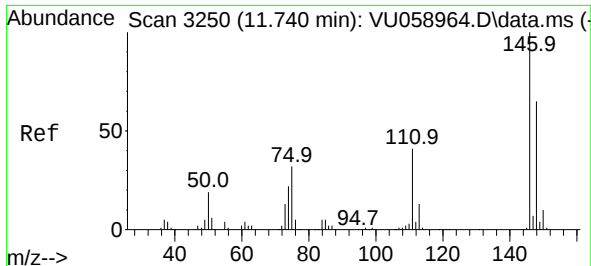
Tgt Ion:105 Resp: 255728

Ion Ratio Lower Upper

105 100

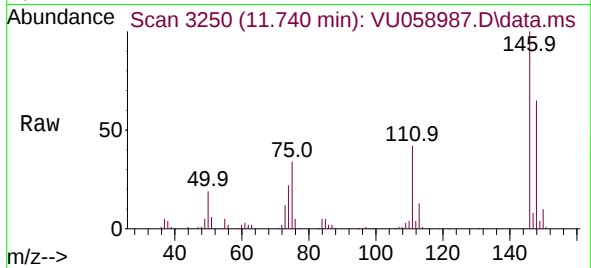
120 43.3 35.3 52.9



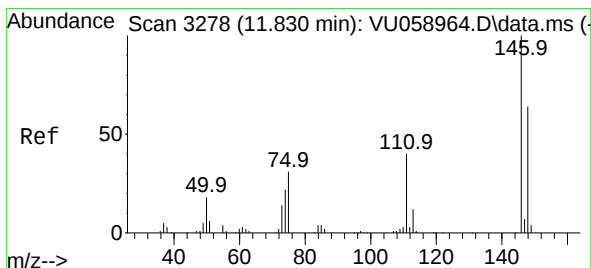
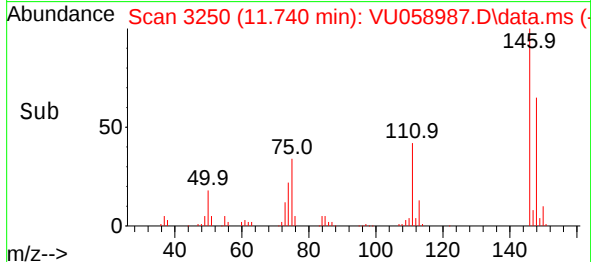
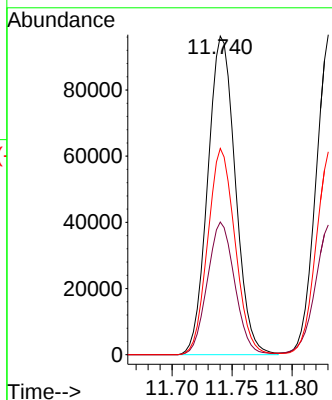


#64
1,3-Dichlorobenzene
Concen: 46.720 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU058987.D
Acq: 24 May 2024 21:52

Instrument :
MSVOA_U
ClientSampleId :

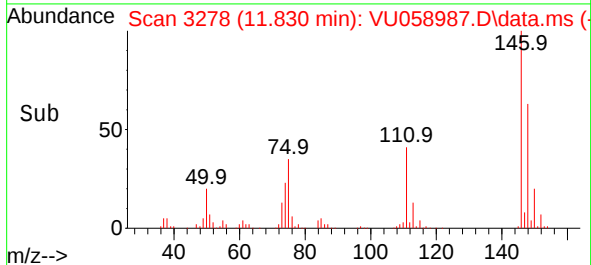
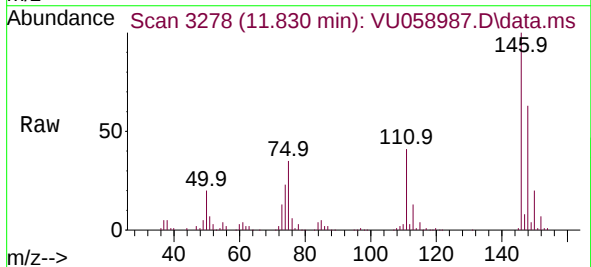
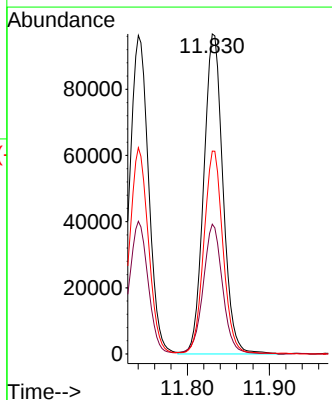


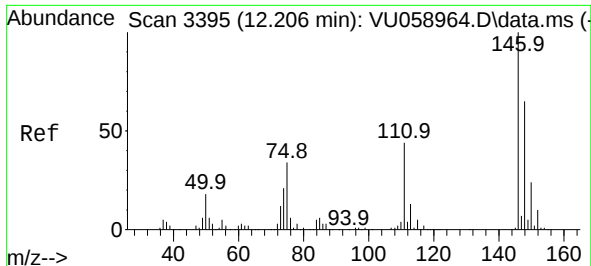
Tgt Ion:146 Resp: 153997
Ion Ratio Lower Upper
146 100
111 41.6 28.6 53.0
148 64.7 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 47.289 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058987.D
Acq: 24 May 2024 21:52

Tgt Ion:146 Resp: 157434
Ion Ratio Lower Upper
146 100
111 40.5 27.3 50.7
148 63.4 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 51.048 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058987.D

Acq: 24 May 2024 21:52

Instrument :

MSVOA_U

ClientSampleId :

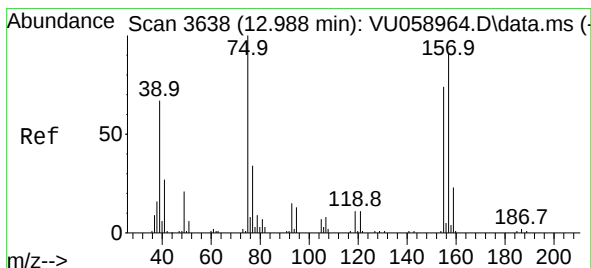
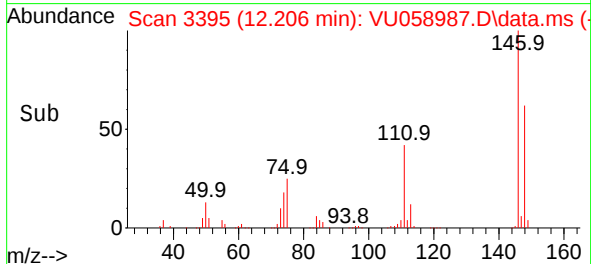
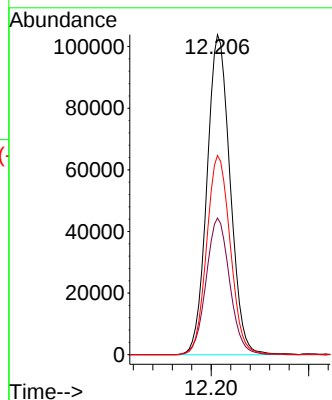
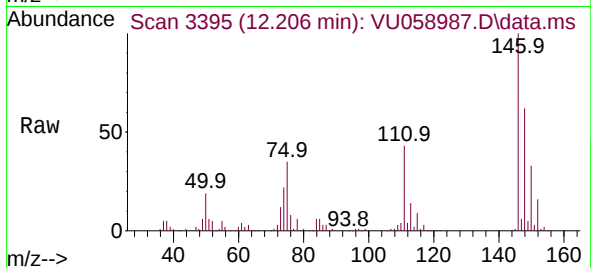
Tgt Ion:146 Resp: 171142

Ion Ratio Lower Upper

146 100

111 42.7 34.1 51.1

148 62.3 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 58.592 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU058987.D

Acq: 24 May 2024 21:52

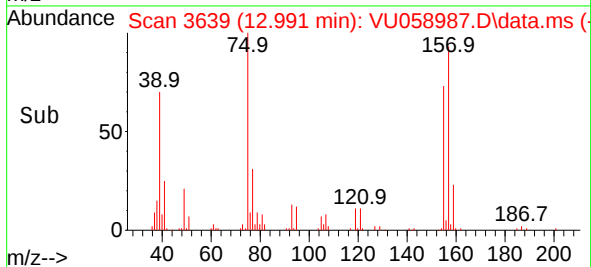
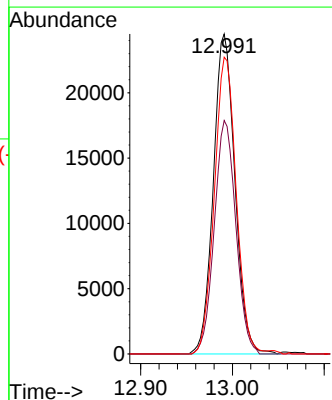
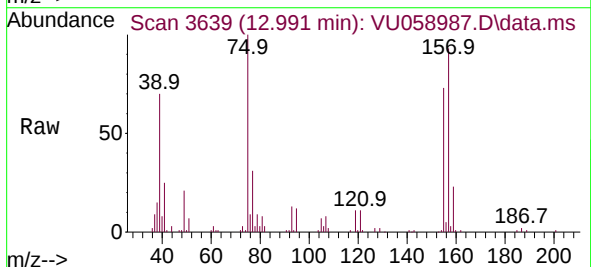
Tgt Ion: 75 Resp: 40105

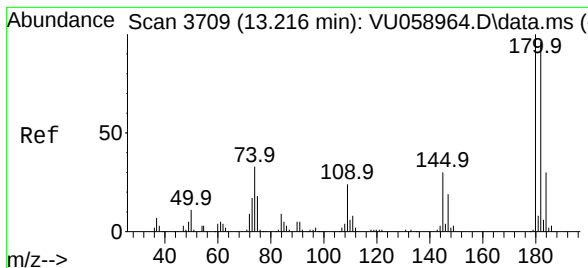
Ion Ratio Lower Upper

75 100

155 73.0 60.2 90.4

157 96.2 77.2 115.8





#69

1,3,5-Trichlorobenzene

Concen: 44.054 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.000 min

Lab File: VU058987.D

Acq: 24 May 2024 21:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 102277

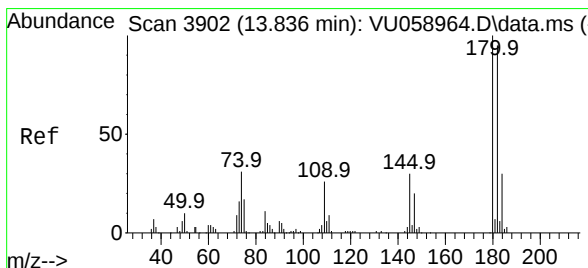
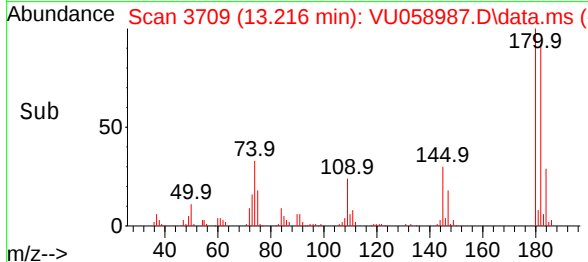
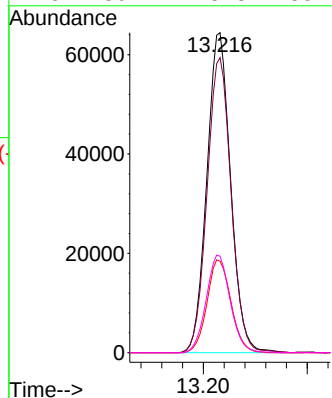
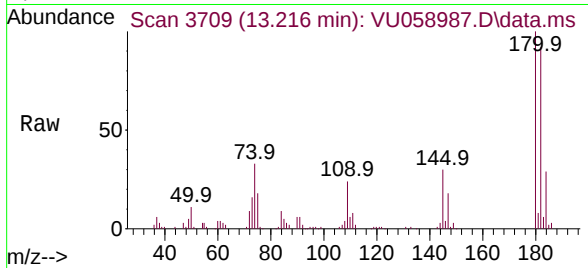
Ion Ratio Lower Upper

180 100

182 93.3 75.7 113.5

184 29.2 24.3 36.5

145 30.7 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 42.148 ug/L

RT: 13.837 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU058987.D

Acq: 24 May 2024 21:52

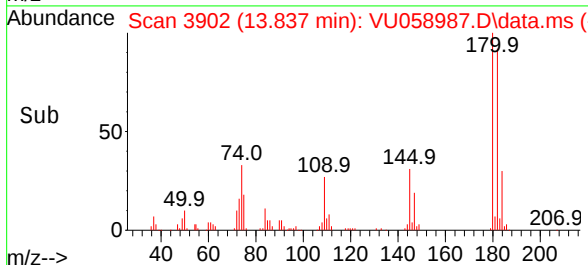
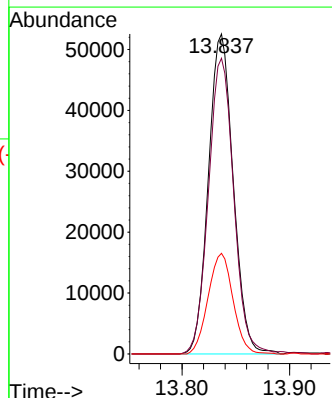
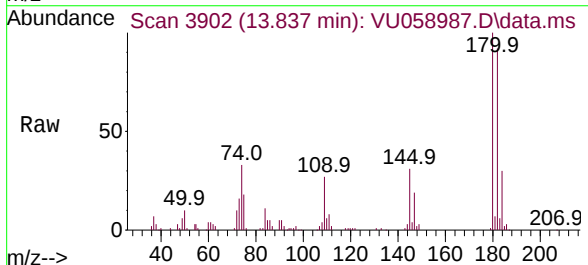
Tgt Ion:180 Resp: 84284

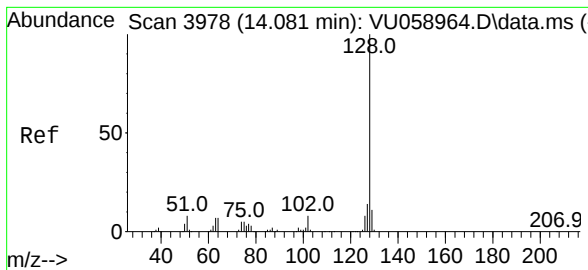
Ion Ratio Lower Upper

180 100

182 94.0 78.6 117.8

145 31.6 24.6 37.0

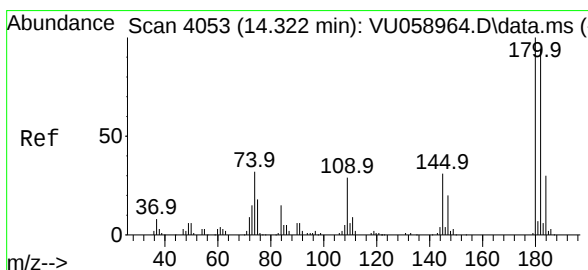
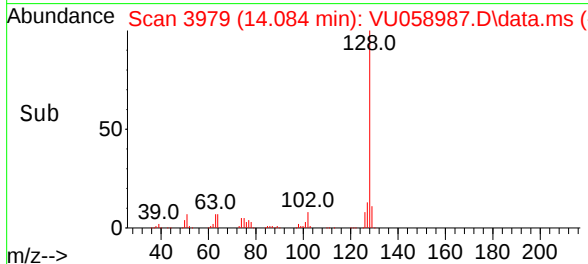
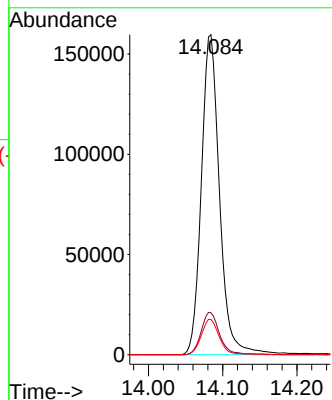
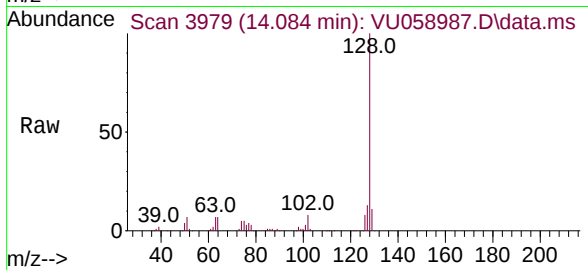




#71
Naphthalene
Concen: 46.528 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU058987.D
Acq: 24 May 2024 21:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 271380
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 44.605 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU058987.D
Acq: 24 May 2024 21:52

Tgt Ion:180 Resp: 91362
Ion Ratio Lower Upper
180 100
182 96.3 76.1 114.1
145 32.8 26.2 39.2

