

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051524\
 Data File : VU058896.D
 Acq On : 15 May 2024 11:01
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 16 01:49:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:49:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	151370	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	156058	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	77661	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	42520	4.637	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.911	69	40776	4.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.567	65	17833	4.772	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	4.637	46	141716	59.447	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.900%
24) Chloroform-d	5.055	84	98950	5.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.698	65	50859	5.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.721	84	182346	5.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.682	67	59638	4.997	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.894	98	160587	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	8.177	79	20907	5.104	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.000%
46) 2-Hexanone-d5	8.627	63	109377	55.643	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.280%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	54947	5.330	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	59401	5.086	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	58758	5.306	ug/L	99
3) Chloromethane	1.518	50	69664	5.402	ug/L	99
5) Vinyl chloride	1.602	62	74203	5.371	ug/L	100
6) Bromomethane	1.856	94	43926	5.104	ug/L	95
8) Chloroethane	1.933	64	45612	5.195	ug/L	100
9) Trichlorofluoromethane	2.139	101	92059	5.195	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	55040	5.126	ug/L	98
12) 1,1-Dichloroethene	2.576	96	51664	5.479	ug/L	100
13) Acetone	2.653	43	87309	52.989	ug/L	99
14) Carbon disulfide	2.792	76	152120	5.091	ug/L	100
15) Methyl Acetate	2.956	43	24439	5.968	ug/L	94
16) Methylene chloride	3.039	84	75877	5.931	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	133576	5.449	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	53806	5.419	ug/L	98
19) 1,1-Dichloroethane	3.862	63	116434	5.610	ug/L	98
21) 2-Butanone	4.714	43	148540	56.208	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	60775	5.316	ug/L	97
23) Bromochloromethane	4.972	128	27071	5.362	ug/L	92
25) Chloroform	5.081	83	116548	5.373	ug/L	98

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 Data File : VU058896.D
 Acq On : 15 May 2024 11:01
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 16 01:49:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:49:30 2024
 Response via : Initial Calibration

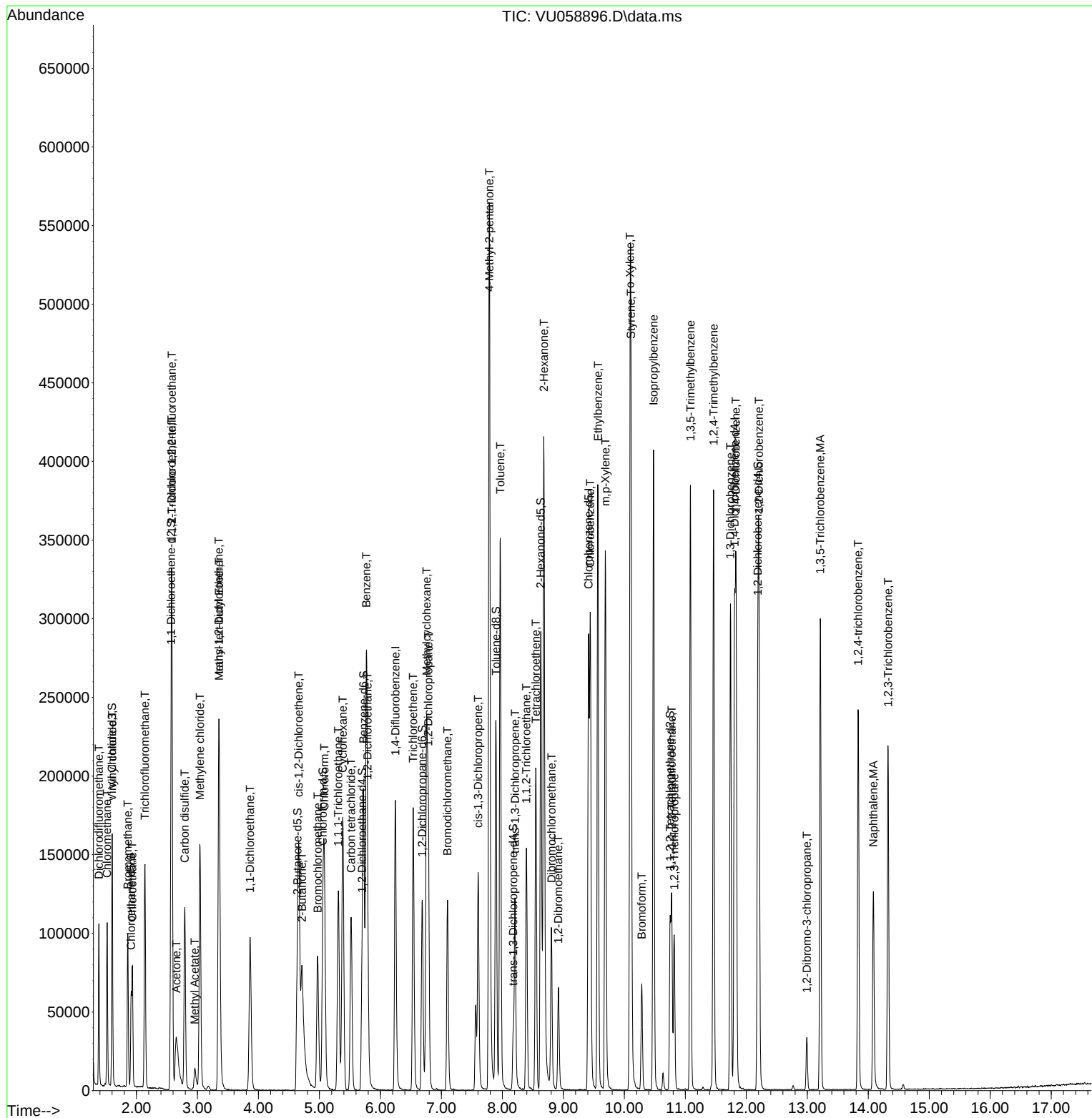
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	72134	5.443	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	90815	5.204	ug/L	99
30) Cyclohexane	5.383	56	82072	4.975	ug/L	99
31) Carbon tetrachloride	5.518	117	76121	5.230	ug/L	99
33) Benzene	5.769	78	246272	5.369	ug/L	100
34) Trichloroethene	6.538	95	63757	5.254	ug/L	97
35) Methylcyclohexane	6.756	83	87038	5.028	ug/L	98
37) 1,2-Dichloropropane	6.785	63	67965	5.220	ug/L	99
38) Bromodichloromethane	7.100	83	81648	5.231	ug/L	92
39) cis-1,3-Dichloropropene	7.602	75	83430	4.701	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	373829	55.546	ug/L	100
42) Toluene	7.965	91	261930	5.475	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	71089	4.910	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	48841	5.332	ug/L	99
47) Tetrachloroethene	8.547	164	45233	5.233	ug/L	96
48) 2-Hexanone	8.679	43	272075	56.099	ug/L	99
49) Dibromochloromethane	8.804	129	52290	5.413	ug/L	98
50) 1,2-Dibromoethane	8.917	107	43121	5.327	ug/L #	98
51) Chlorobenzene	9.441	112	160724	5.272	ug/L	97
52) Ethylbenzene	9.566	91	269197	5.211	ug/L	98
53) m,p-Xylene	9.689	106	98554	5.213	ug/L	97
54) o-Xylene	10.094	106	97681	5.283	ug/L	99
55) Styrene	10.110	104	169120	5.437	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	62092	5.347	ug/L	99
59) Bromoform	10.283	173	29997	5.286	ug/L	99
60) Isopropylbenzene	10.480	105	265152	5.333	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	42576	5.324	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	207256	5.230	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	208998	5.319	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	126782	5.241	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	126836	5.253	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	121092	5.356	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	9031	5.614	ug/L	94
69) 1,3,5-Trichlorobenzene	13.213	180	91240	5.030	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	74763	4.995	ug/L	99
71) Naphthalene	14.084	128	109528	4.855	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	68349	5.203	ug/L	98

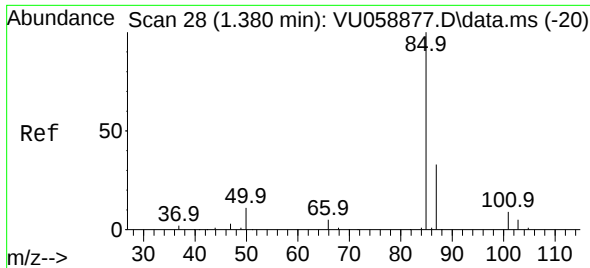
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051524\
Data File : VU058896.D
Acq On : 15 May 2024 11:01
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 16 01:49:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 15 00:49:30 2024
Response via : Initial Calibration

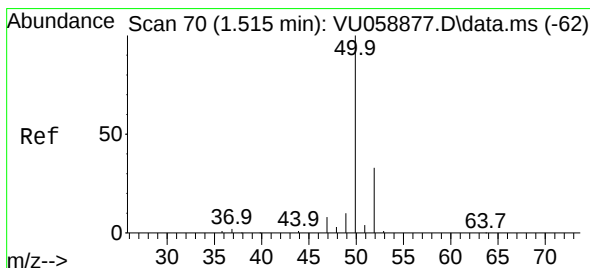
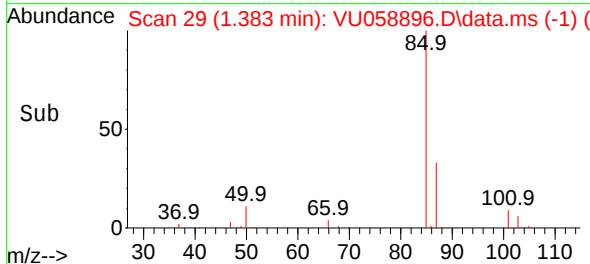
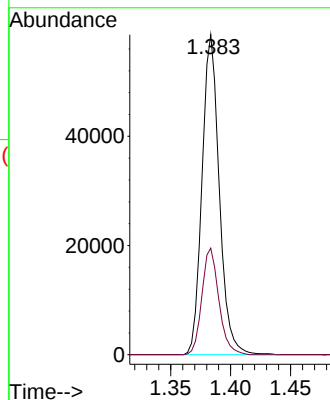
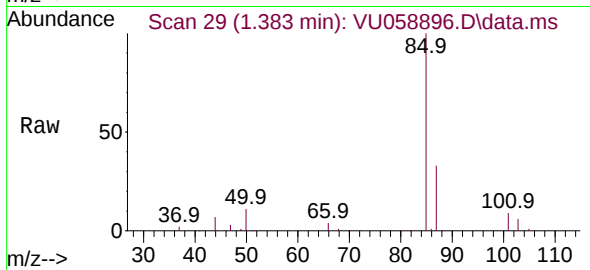




#2
 Dichlorodifluoromethane
 Concen: 5.306 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU058896.D
 Acq: 15 May 2024 11:01

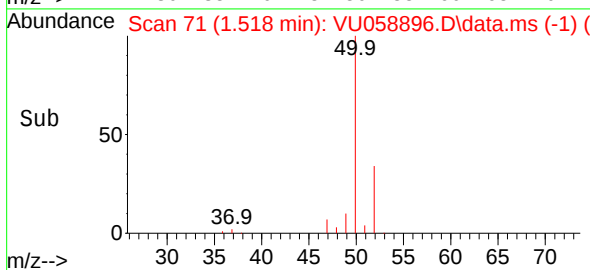
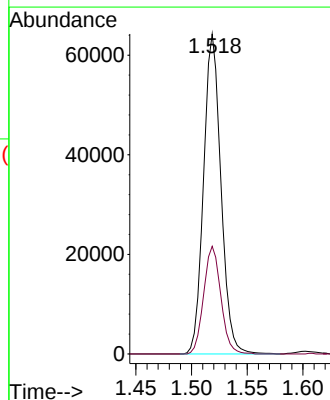
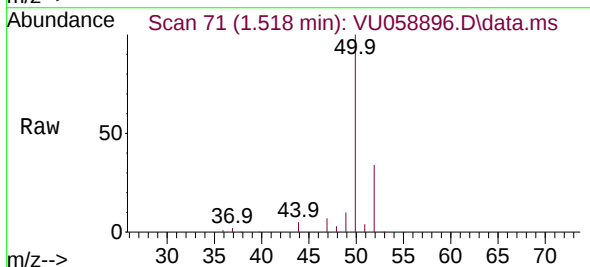
Instrument :
 MSVOA_U
 ClientSampleId :

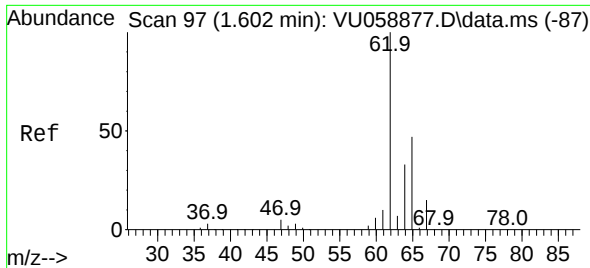
Tgt Ion: 85 Resp: 58758
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.6 40.0



#3
 Chloromethane
 Concen: 5.402 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU058896.D
 Acq: 15 May 2024 11:01

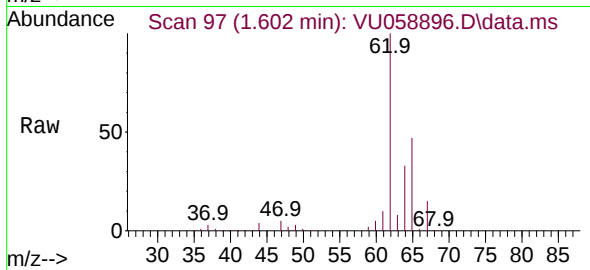
Tgt Ion: 50 Resp: 69664
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.2 43.0



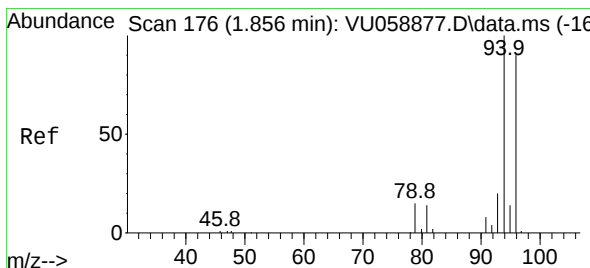
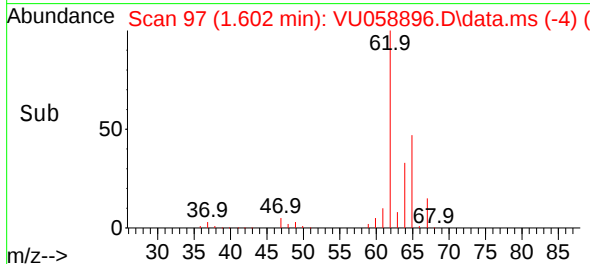
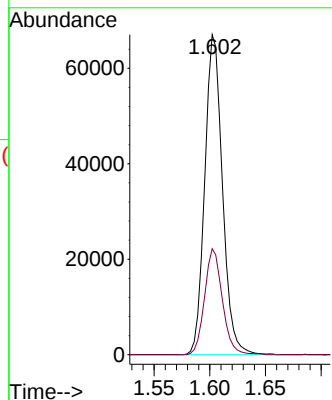


#5
Vinyl chloride
Concen: 5.371 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

Instrument :
MSVOA_U
ClientSampleId :

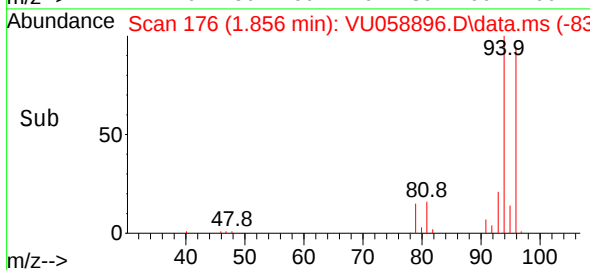
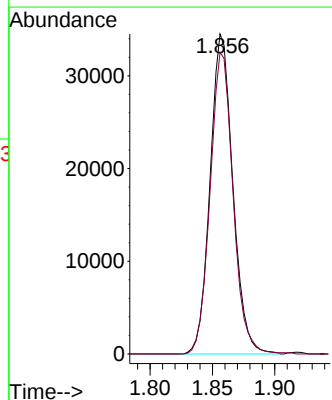
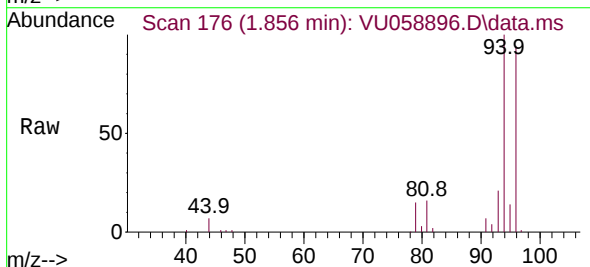


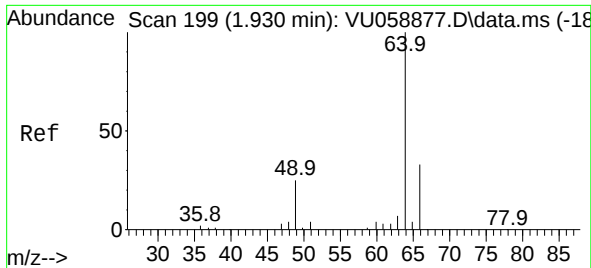
Tgt Ion: 62 Resp: 74203
Ion Ratio Lower Upper
62 100
64 33.1 23.1 42.9



#6
Bromomethane
Concen: 5.104 ug/L
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

Tgt Ion: 94 Resp: 43926
Ion Ratio Lower Upper
94 100
96 94.3 62.9 116.9

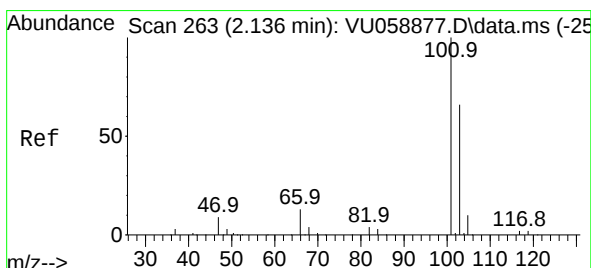
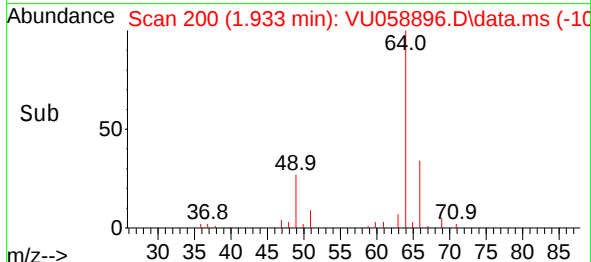
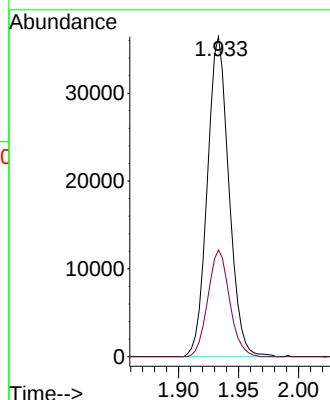
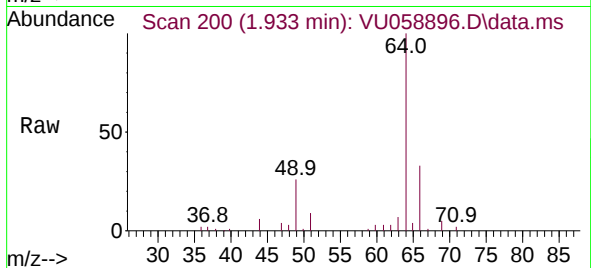




#8
Chloroethane
Concen: 5.195 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

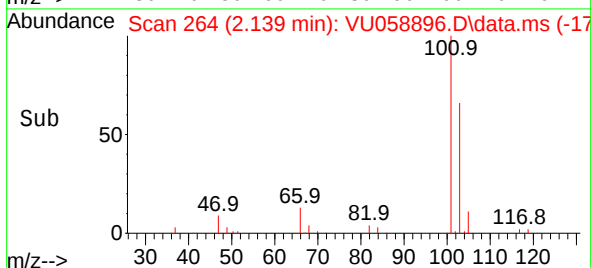
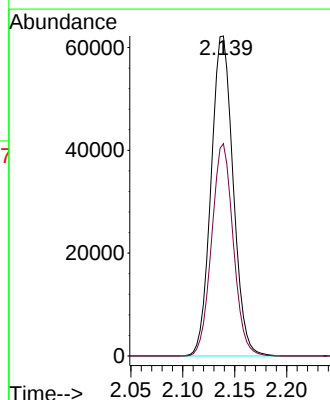
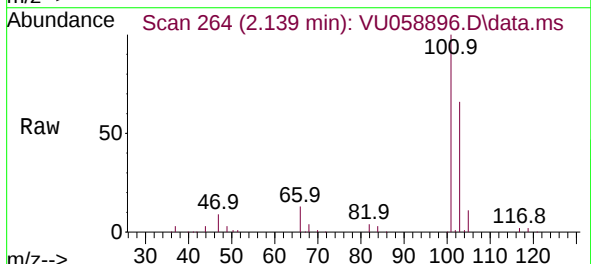
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MSVOA_U
ClientSampleId :

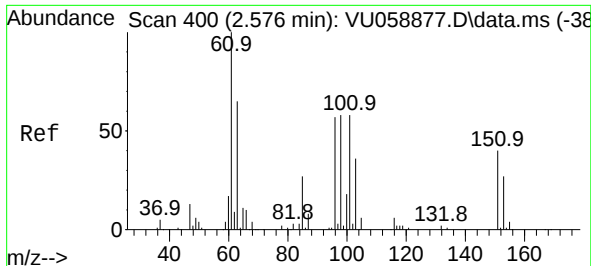
Tgt Ion: 64 Resp: 45612
Ion Ratio Lower Upper
64 100
66 33.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.195 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.003 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

Tgt Ion:101 Resp: 92059
Ion Ratio Lower Upper
101 100
103 64.9 52.6 79.0

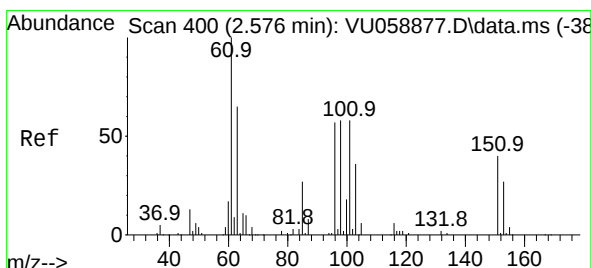
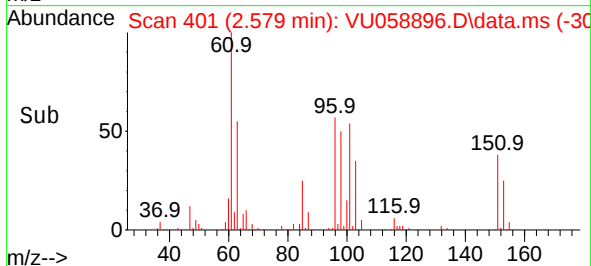
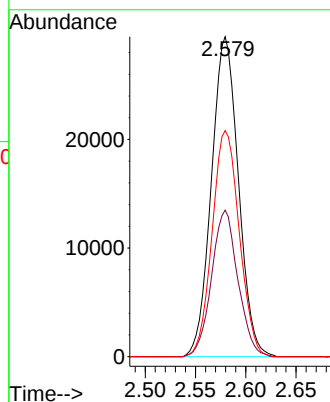
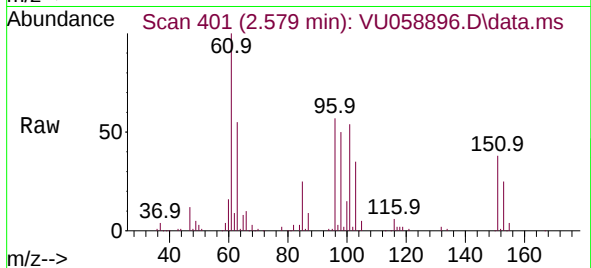




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.126 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU058896.D
 Acq: 15 May 2024 11:01

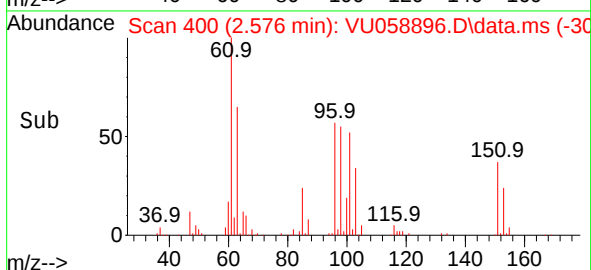
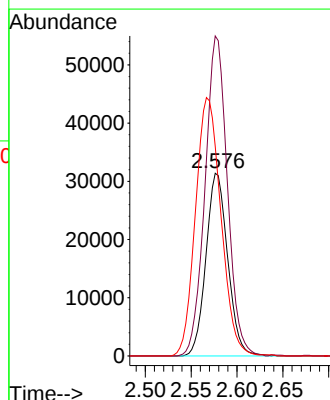
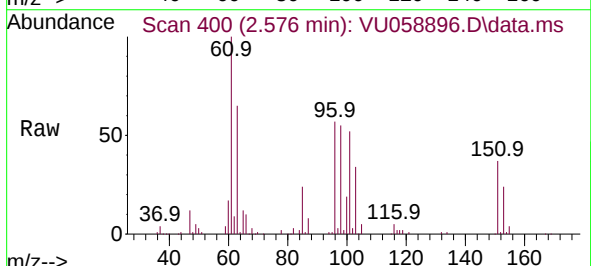
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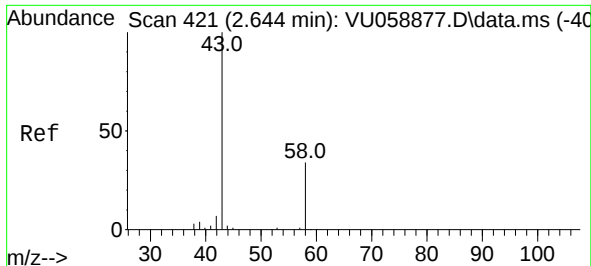
Tgt Ion:101 Resp: 55040
 Ion Ratio Lower Upper
 101 100
 85 44.6 36.2 54.4
 151 71.0 55.5 83.3



#12
 1,1-Dichloroethene
 Concen: 5.479 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU058896.D
 Acq: 15 May 2024 11:01

Tgt Ion: 96 Resp: 51664
 Ion Ratio Lower Upper
 96 100
 61 175.1 122.9 228.3
 63 114.7 80.4 149.4





#13

Acetone

Concen: 52.989 ug/L

RT: 2.653 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU058896.D

Acq: 15 May 2024 11:01

Instrument :

MSVOA_U

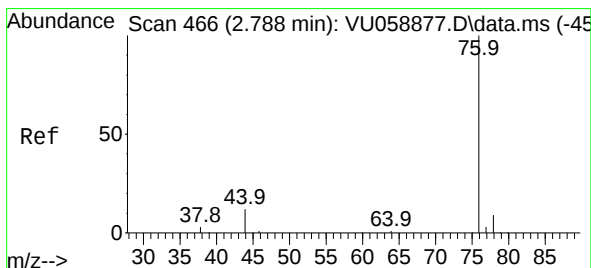
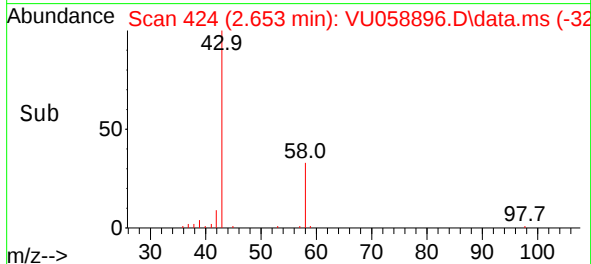
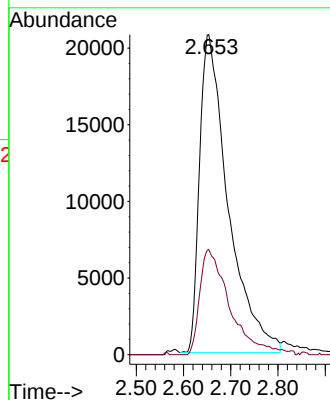
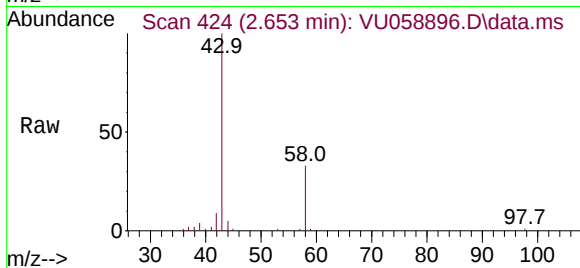
ClientSampleId :

Tgt Ion: 43 Resp: 87309

Ion Ratio Lower Upper

43 100

58 34.6 0.0 68.0



#14

Carbon disulfide

Concen: 5.091 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU058896.D

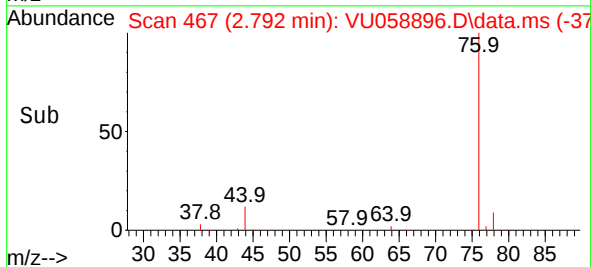
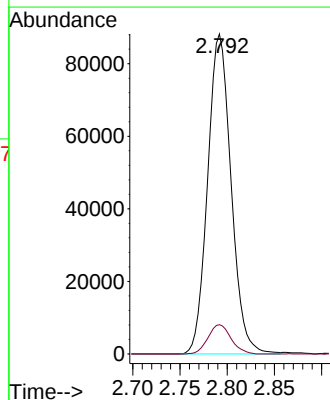
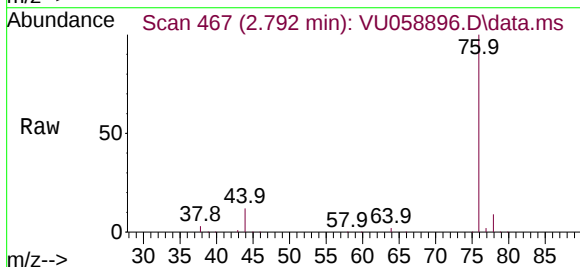
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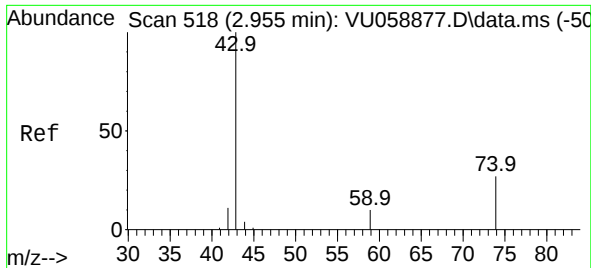
Tgt Ion: 76 Resp: 152120

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 5.968 ug/L

RT: 2.956 min Scan# 518

Delta R.T. 0.000 min

Lab File: VU058896.D

Acq: 15 May 2024 11:01

Instrument :

MSVOA_U

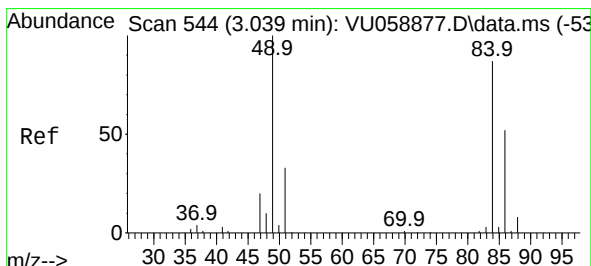
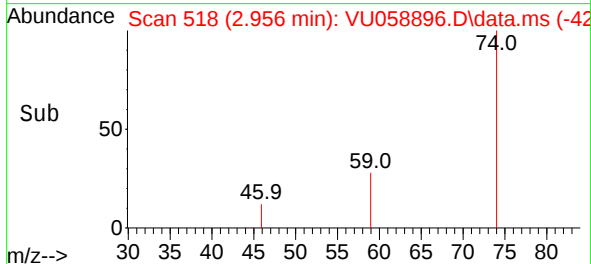
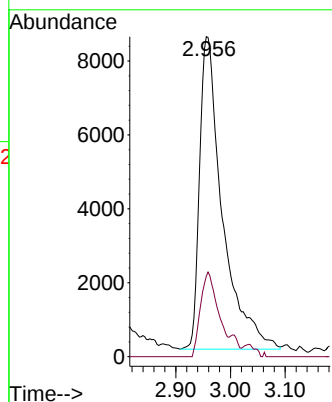
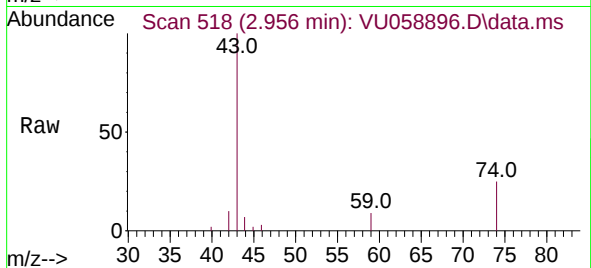
ClientSampleId :

Tgt Ion: 43 Resp: 24439

Ion Ratio Lower Upper

43 100

74 21.1 19.2 28.8



#16

Methylene chloride

Concen: 5.931 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU058896.D

Acq: 15 May 2024 11:01

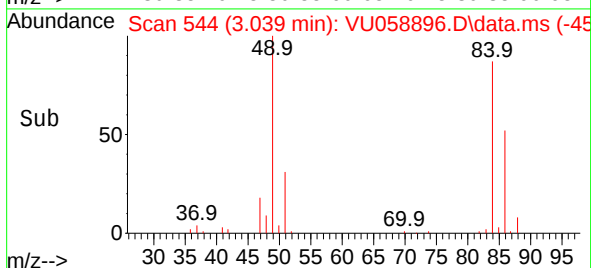
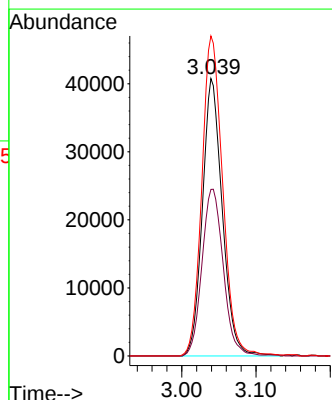
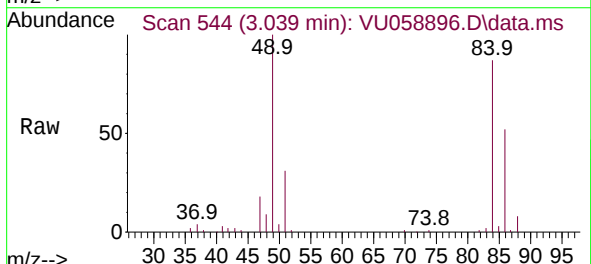
Tgt Ion: 84 Resp: 75877

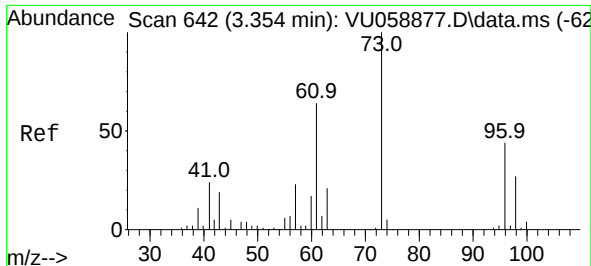
Ion Ratio Lower Upper

84 100

86 60.1 42.1 78.1

49 115.3 80.6 149.8

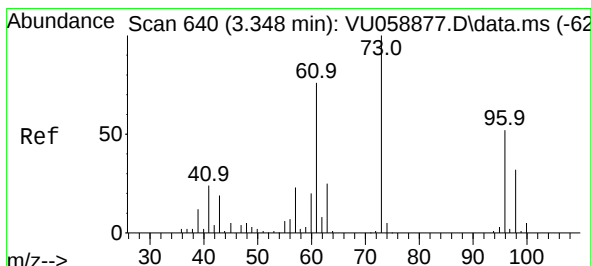
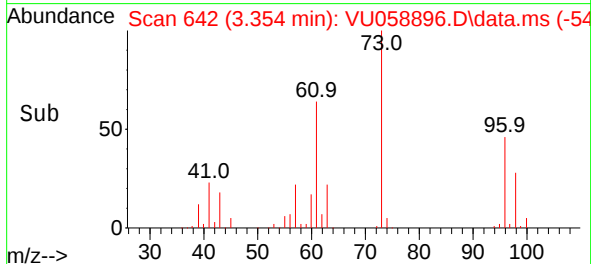
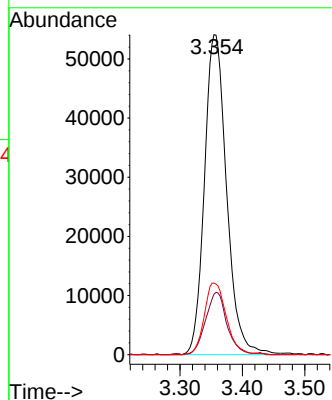
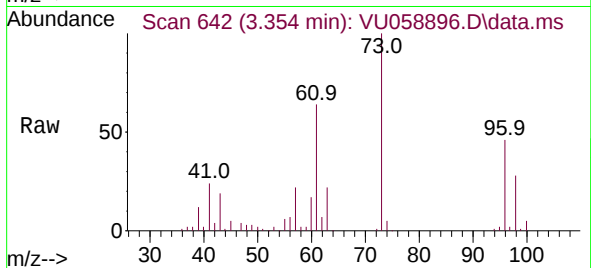




#17
Methyl tert-butyl Ether
Concen: 5.449 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

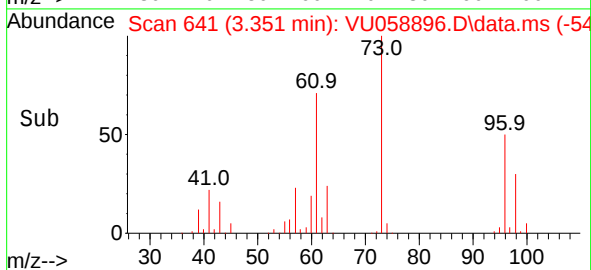
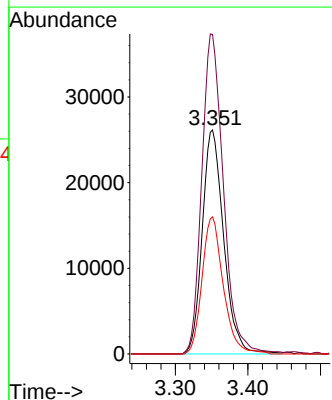
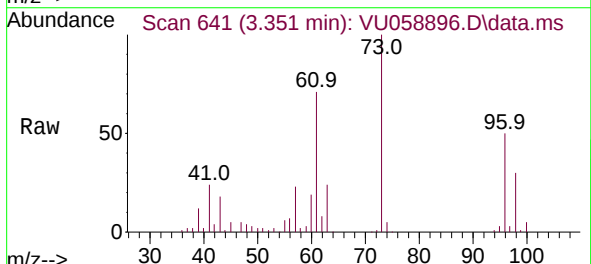
Instrument :
MSVOA_U
ClientSampleId :

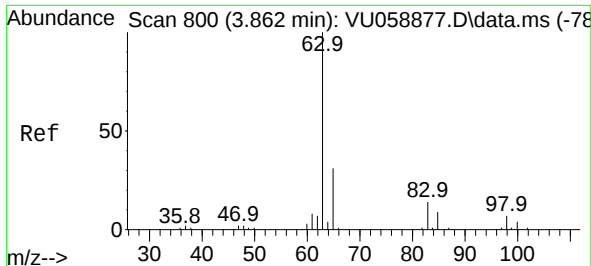
Tgt Ion: 73 Resp: 133576
Ion Ratio Lower Upper
73 100
43 18.7 14.9 22.3
57 22.4 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.419 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

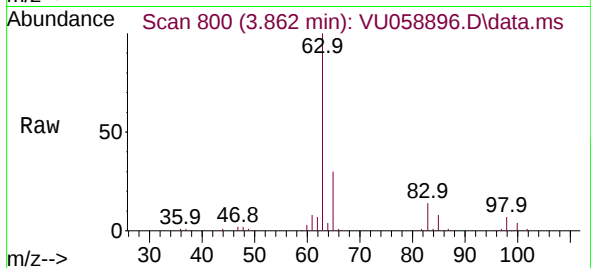
Tgt Ion: 96 Resp: 53806
Ion Ratio Lower Upper
96 100
61 142.7 101.8 189.0
98 61.2 43.3 80.5



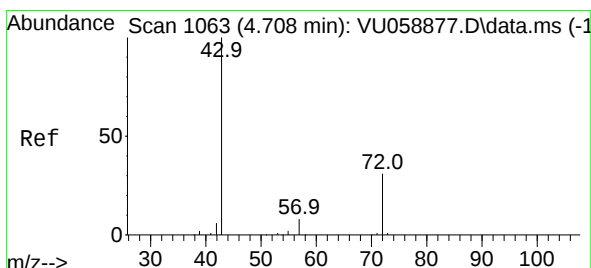
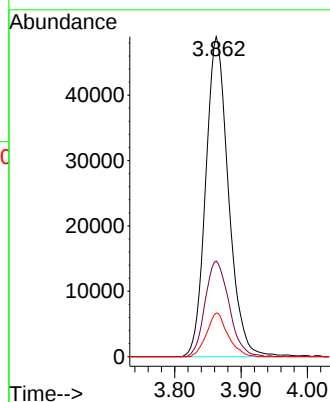
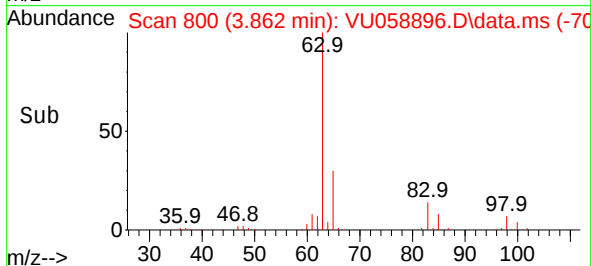


#19
1,1-Dichloroethane
Concen: 5.610 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.000 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

Instrument :
MSVOA_U
ClientSampleId :

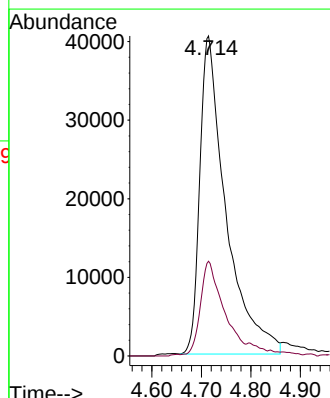
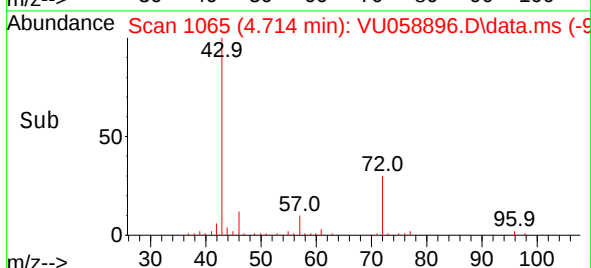
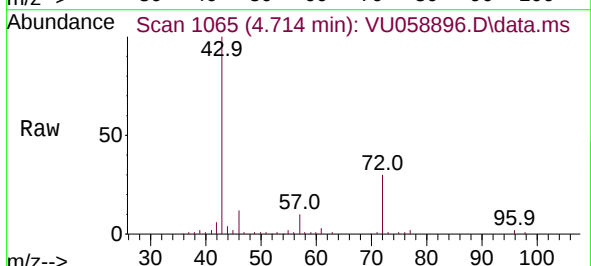


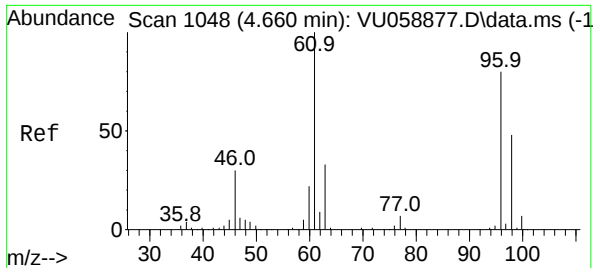
Tgt Ion: 63 Resp: 116434
Ion Ratio Lower Upper
63 100
65 29.9 21.8 40.6
83 13.6 9.9 18.5



#21
2-Butanone
Concen: 56.208 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.007 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

Tgt Ion: 43 Resp: 148540
Ion Ratio Lower Upper
43 100
72 25.4 13.8 41.4

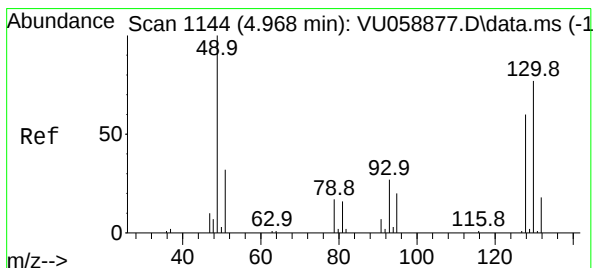
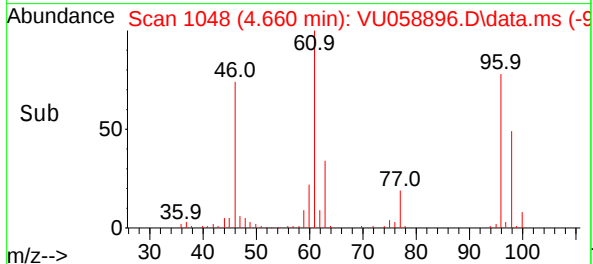
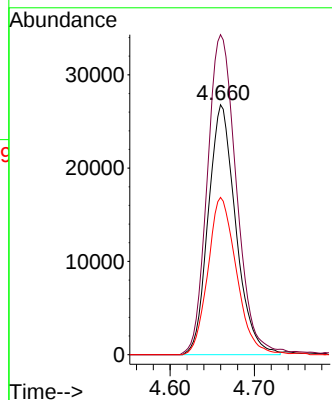
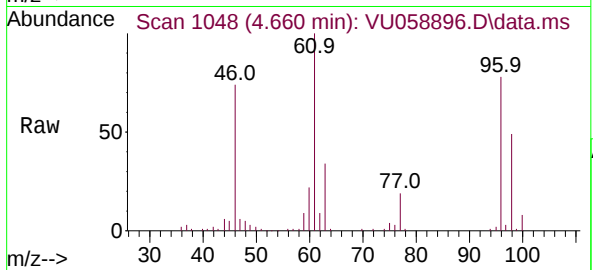




#22
cis-1,2-Dichloroethene
Concen: 5.316 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

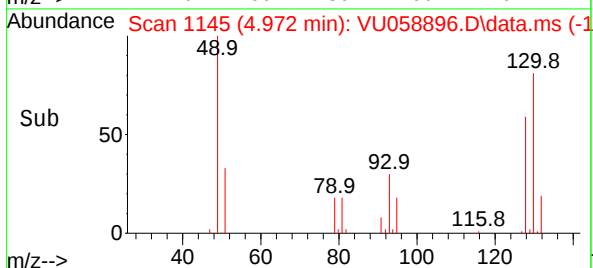
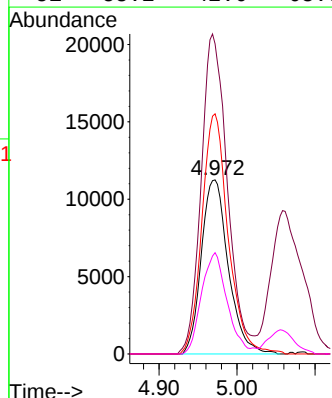
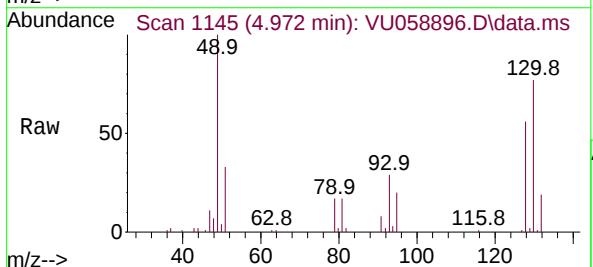
Instrument :
MSVOA_U
ClientSampleId :

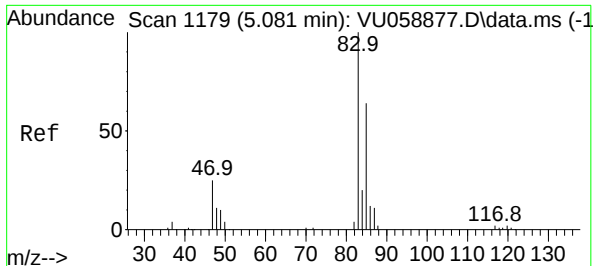
Tgt Ion: 96 Resp: 60775
Ion Ratio Lower Upper
96 100
61 128.0 87.4 162.2
98 62.9 42.3 78.5



#23
Bromochloromethane
Concen: 5.362 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

Tgt Ion:128 Resp: 27071
Ion Ratio Lower Upper
128 100
49 178.2 117.0 217.4
130 138.0 89.6 166.4
51 58.2 42.0 63.0

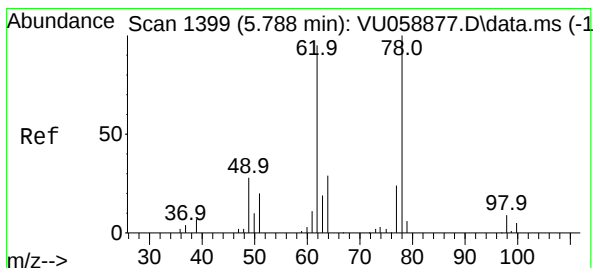
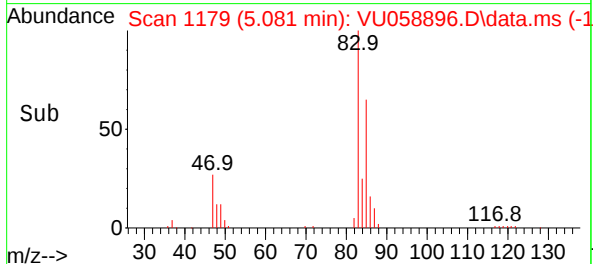
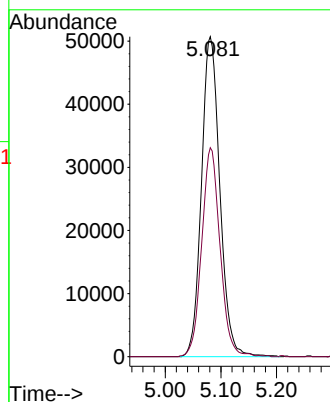
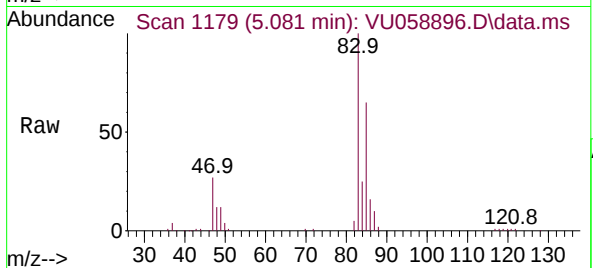




#25
Chloroform
Concen: 5.373 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

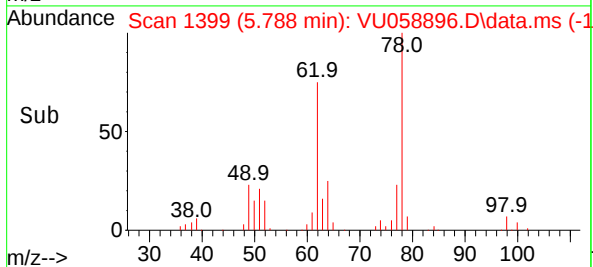
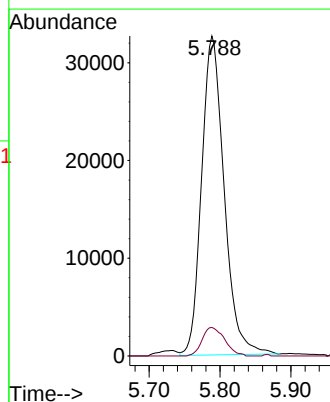
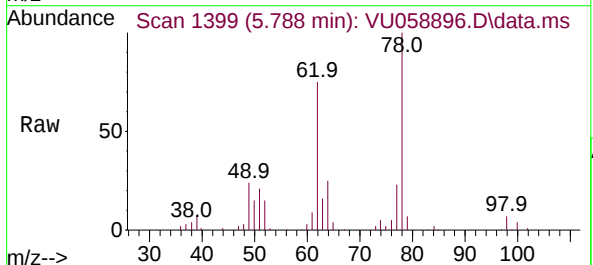
Instrument :
MSVOA_U
ClientSampleId :

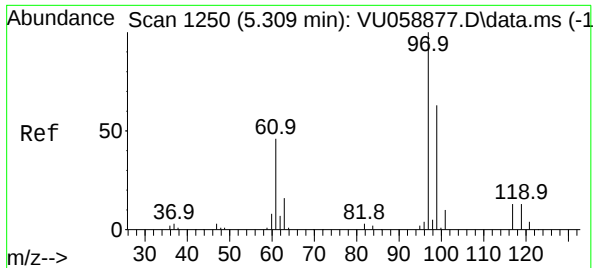
Tgt Ion: 83 Resp: 116548
Ion Ratio Lower Upper
83 100
85 65.3 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.443 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

Tgt Ion: 62 Resp: 72134
Ion Ratio Lower Upper
62 100
98 8.9 7.5 11.3

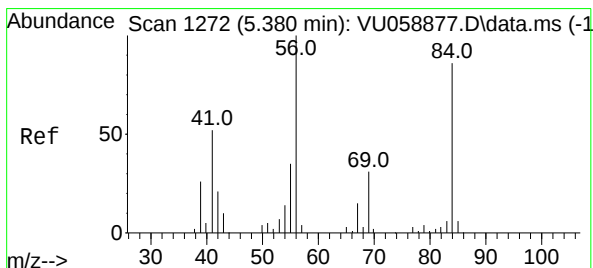
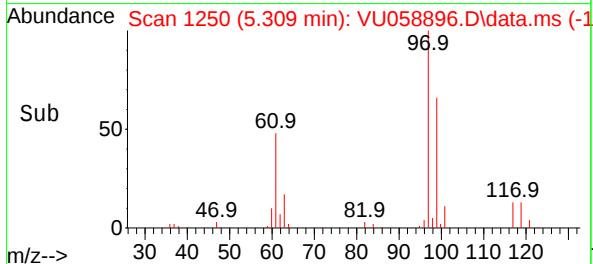
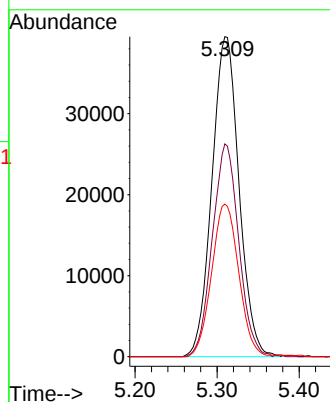
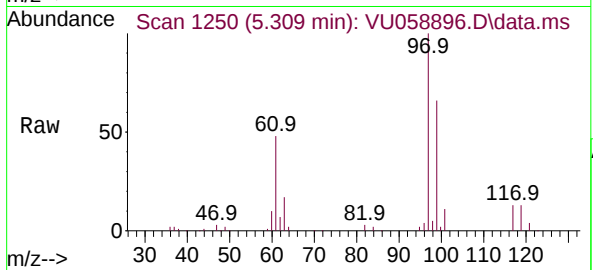




#29
1,1,1-Trichloroethane
Concen: 5.204 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

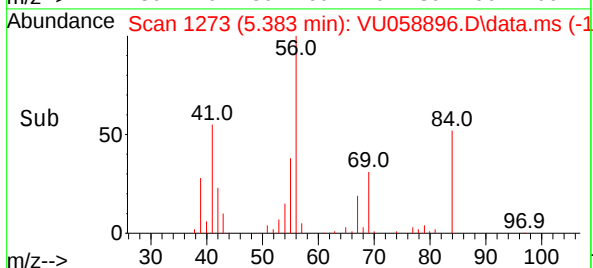
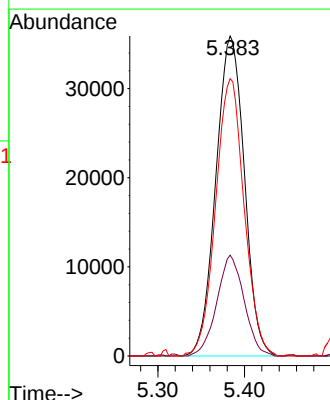
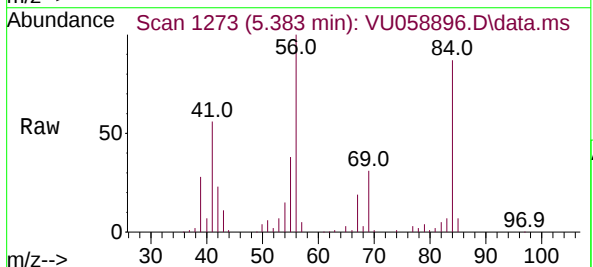
Instrument :
MSVOA_U
ClientSampleId :

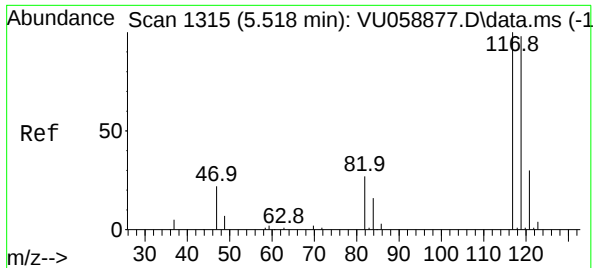
Tgt Ion: 97 Resp: 90815
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.6
61 47.7 37.4 56.2



#30
Cyclohexane
Concen: 4.975 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

Tgt Ion: 56 Resp: 82072
Ion Ratio Lower Upper
56 100
69 30.2 24.8 37.2
84 86.7 69.8 104.8

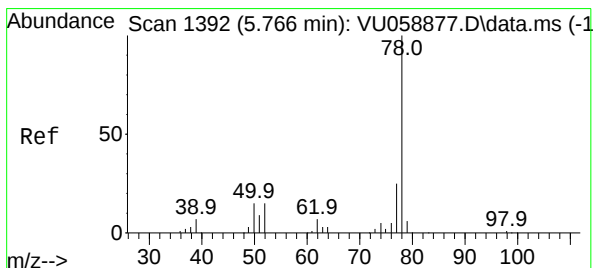
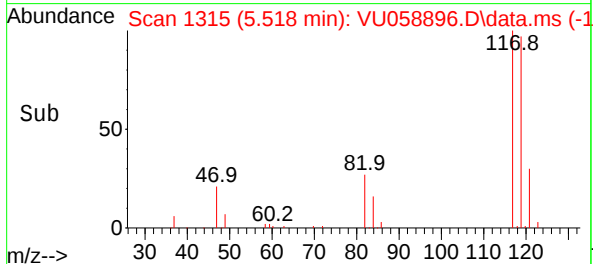
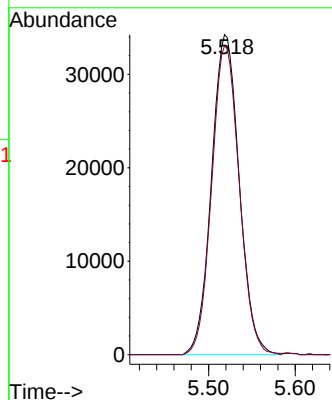
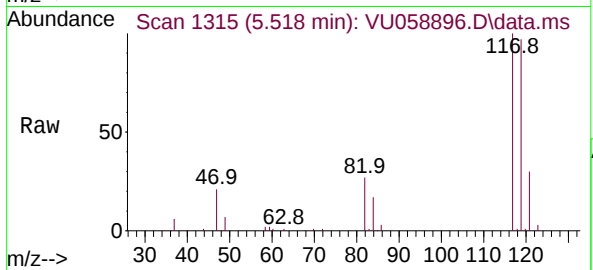




#31
Carbon tetrachloride
Concen: 5.230 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

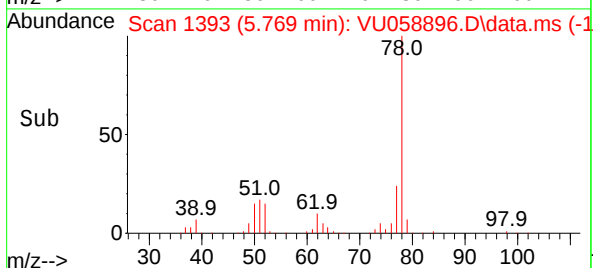
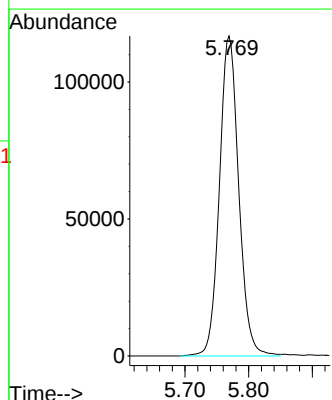
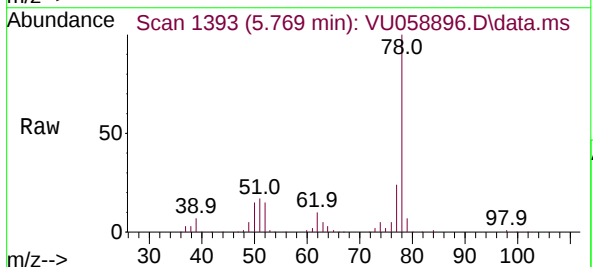
Instrument :
MSVOA_U
ClientSampleId :

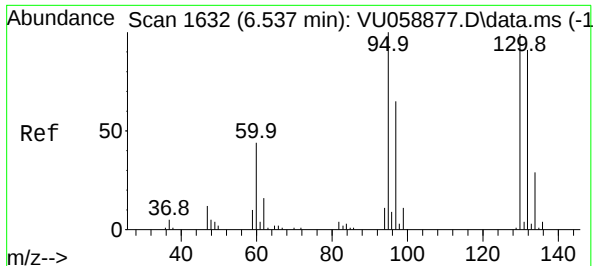
Tgt Ion:117 Resp: 76121
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3



#33
Benzene
Concen: 5.369 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

Tgt Ion: 78 Resp: 246272

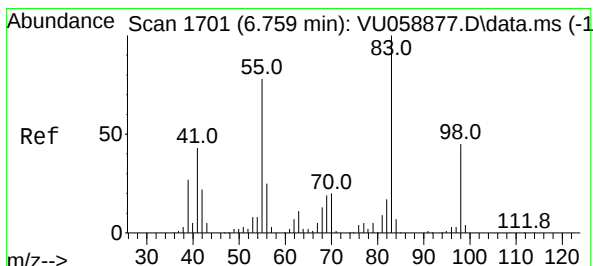
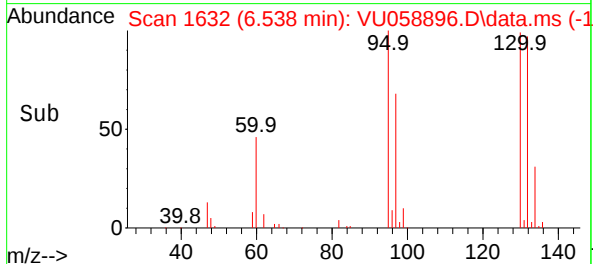
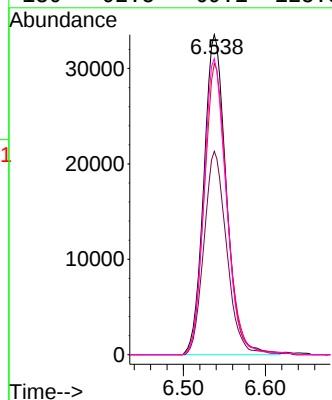
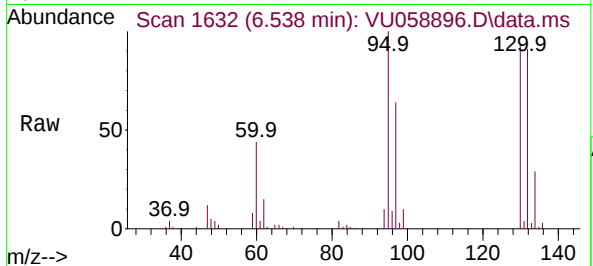




#34
Trichloroethene
Concen: 5.254 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

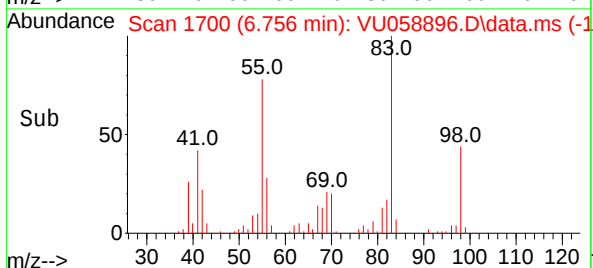
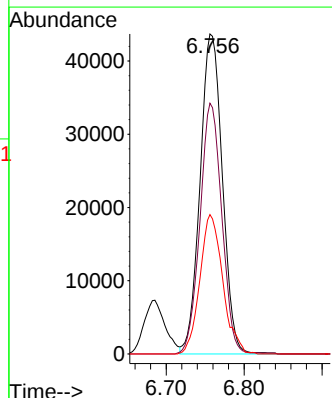
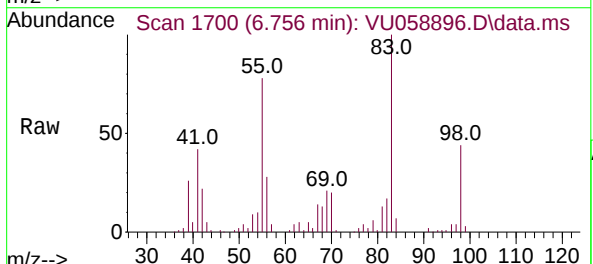
Instrument :
MSVOA_U
ClientSampleId :

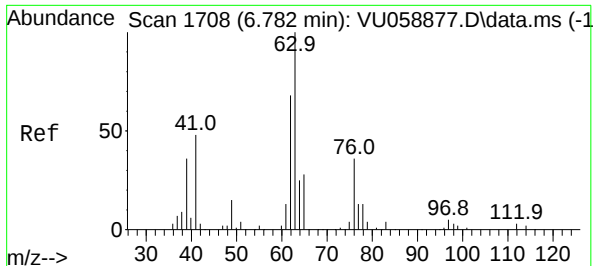
Tgt Ion: 95 Resp: 63757
Ion Ratio Lower Upper
95 100
97 63.6 45.3 84.1
132 91.0 64.0 119.0
130 92.5 69.1 128.3



#35
Methylcyclohexane
Concen: 5.028 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

Tgt Ion: 83 Resp: 87038
Ion Ratio Lower Upper
83 100
55 76.5 62.7 94.1
98 44.6 35.4 53.0

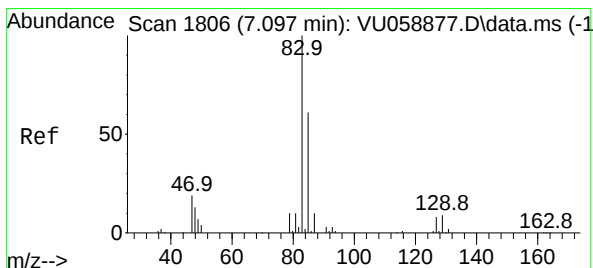
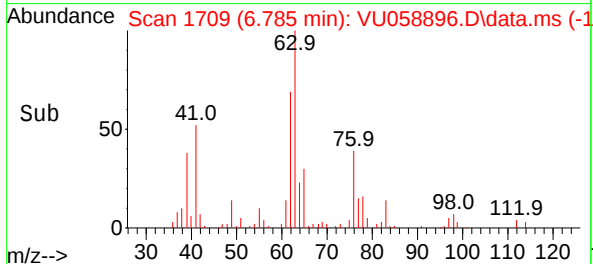
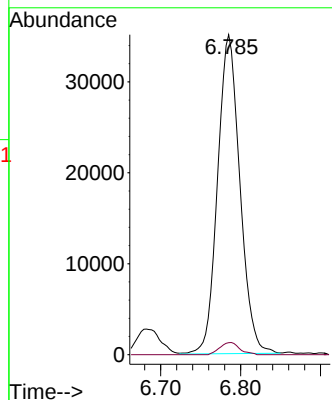
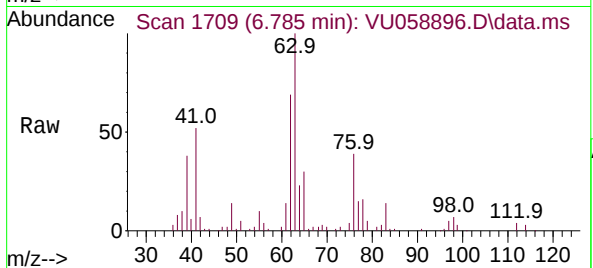




#37
1,2-Dichloropropane
Concen: 5.220 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

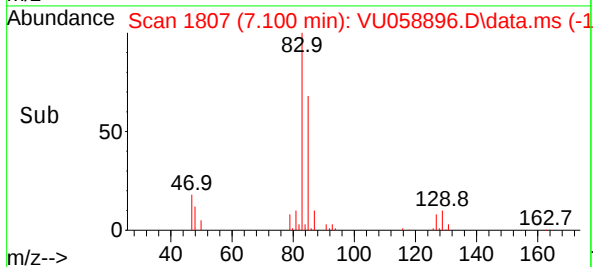
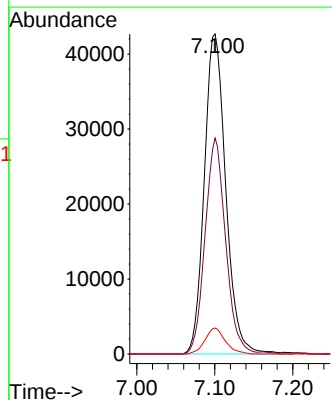
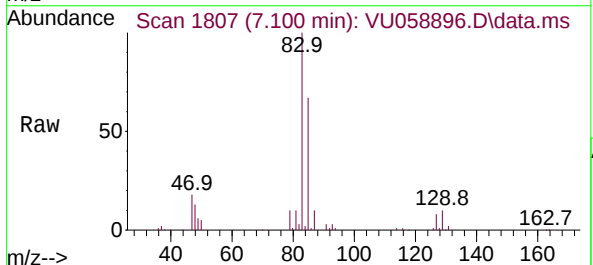
Instrument :
MSVOA_U
ClientSampleId :

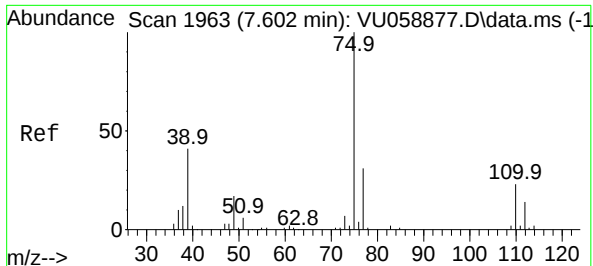
Tgt Ion: 63 Resp: 67965
Ion Ratio Lower Upper
63 100
112 3.4 2.6 3.8



#38
Bromodichloromethane
Concen: 5.231 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

Tgt Ion: 83 Resp: 81648
Ion Ratio Lower Upper
83 100
85 67.5 42.7 79.3
127 8.1 6.1 9.1

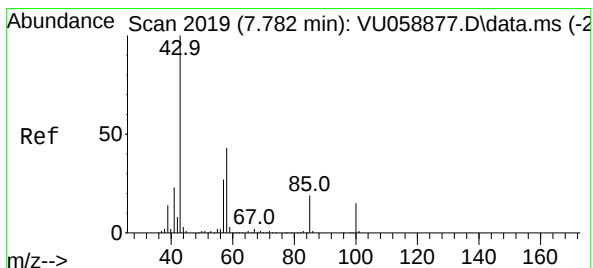
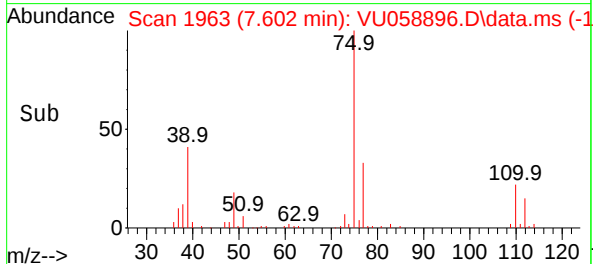
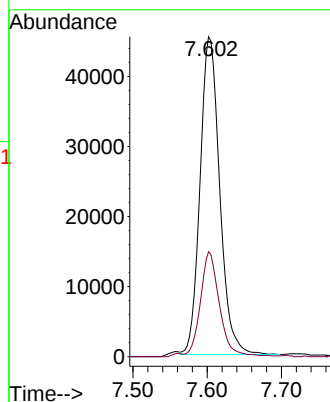
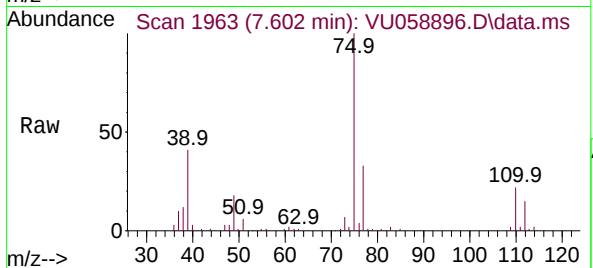




#39
 cis-1,3-Dichloropropene
 Concen: 4.701 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU058896.D
 Acq: 15 May 2024 11:01

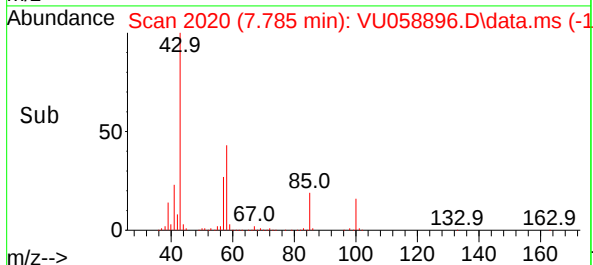
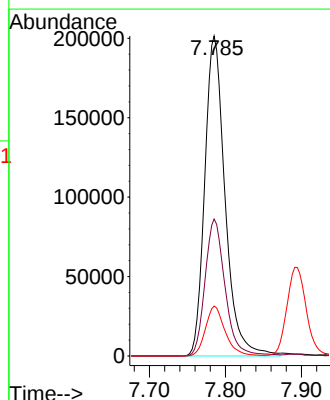
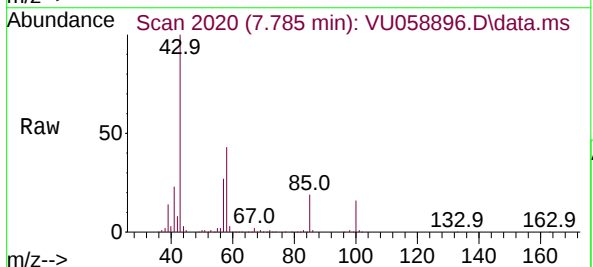
Instrument :
 MSVOA_U
 ClientSampleId :

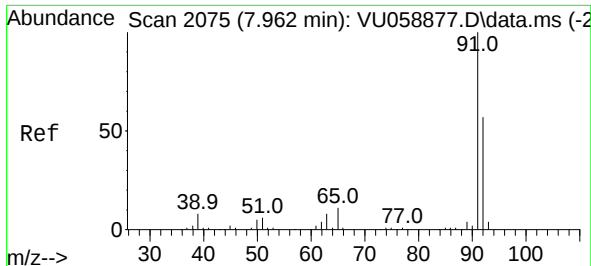
Tgt Ion: 75 Resp: 83430
 Ion Ratio Lower Upper
 75 100
 77 32.8 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 55.546 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU058896.D
 Acq: 15 May 2024 11:01

Tgt Ion: 43 Resp: 373829
 Ion Ratio Lower Upper
 43 100
 58 42.3 34.0 51.0
 100 15.1 12.1 18.1





#42

Toluene

Concen: 5.475 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU058896.D

Acq: 15 May 2024 11:01

Instrument :

MSVOA_U

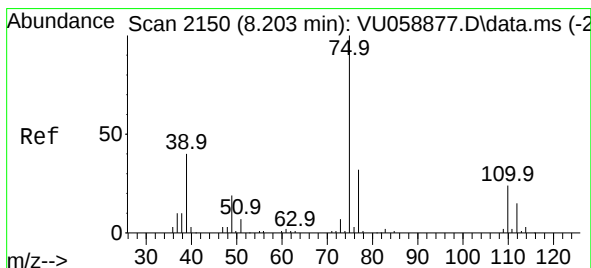
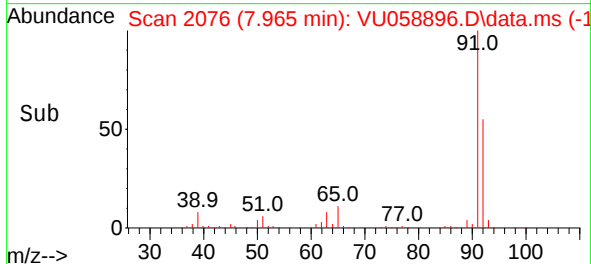
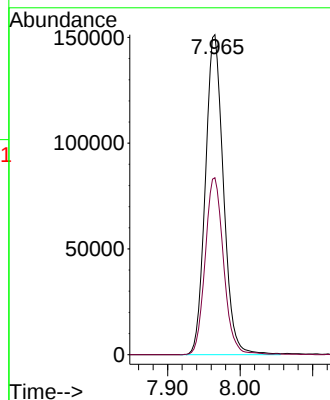
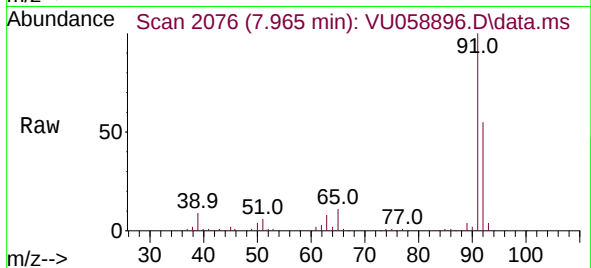
ClientSampleId :

Tgt Ion: 91 Resp: 261930

Ion Ratio Lower Upper

91 100

92 55.3 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.910 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU058896.D

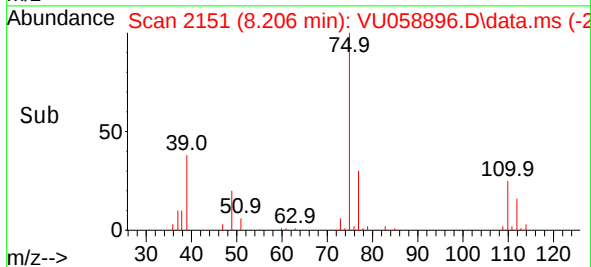
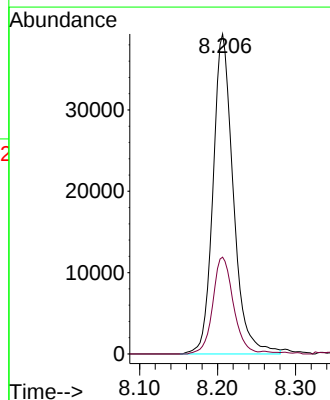
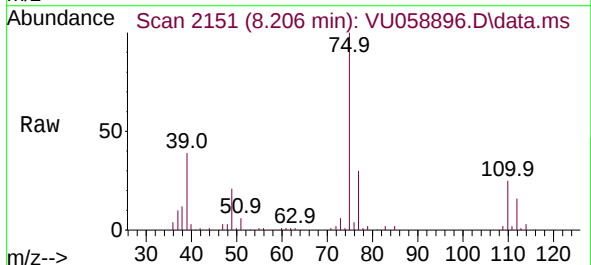
Acq: 15 May 2024 11:01

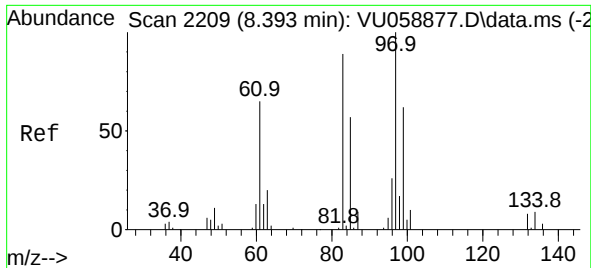
Tgt Ion: 75 Resp: 71089

Ion Ratio Lower Upper

75 100

77 30.3 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 5.332 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VU058896.D

Acq: 15 May 2024 11:01

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 48841

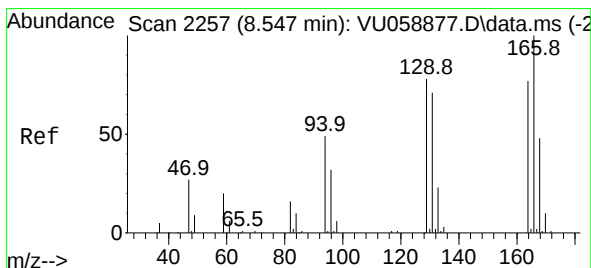
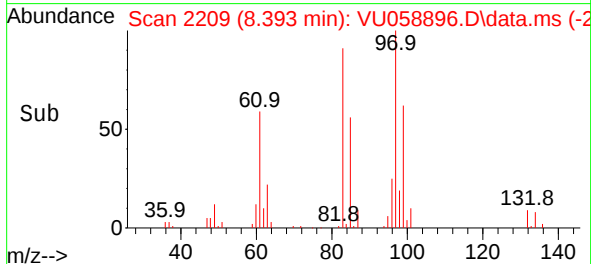
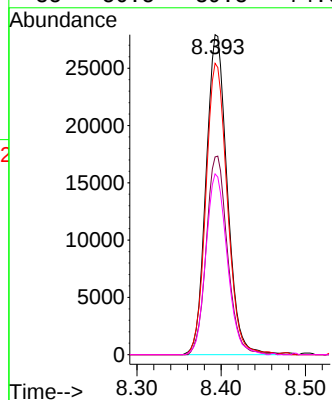
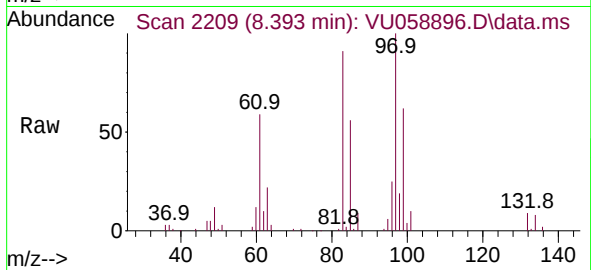
Ion Ratio Lower Upper

97 100

99 61.8 43.3 80.3

83 91.1 62.3 115.7

85 56.5 39.8 74.0



#47

Tetrachloroethene

Concen: 5.233 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU058896.D

Acq: 15 May 2024 11:01

Tgt Ion: 164 Resp: 45233

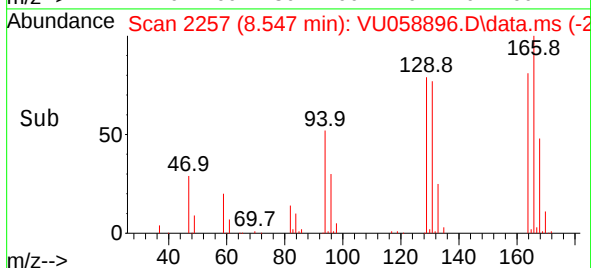
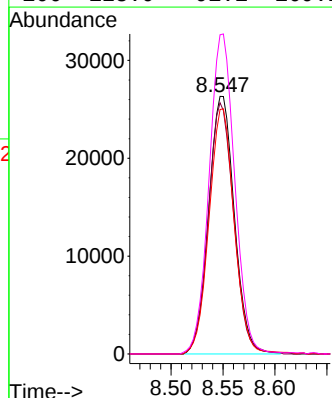
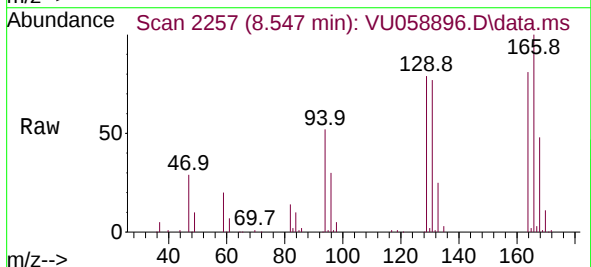
Ion Ratio Lower Upper

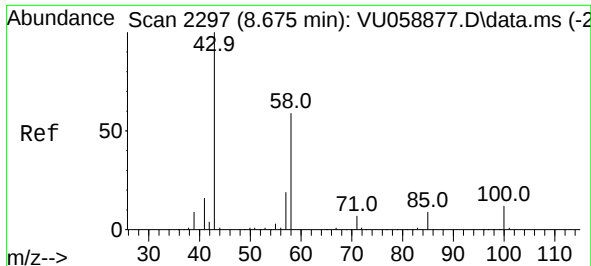
164 100

129 97.6 70.8 131.4

131 94.9 64.8 120.3

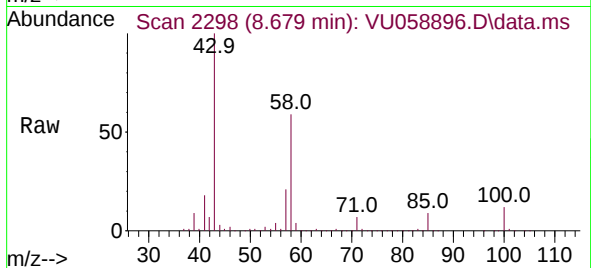
166 123.9 91.1 169.1



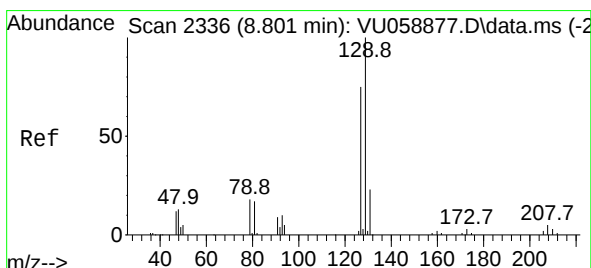
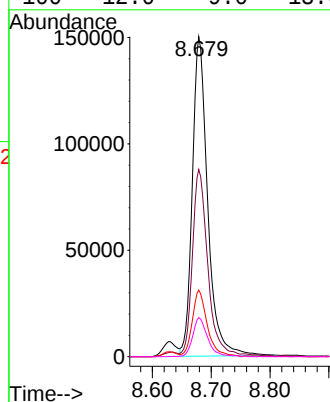
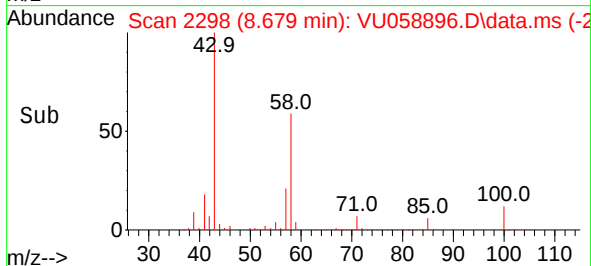


#48
2-Hexanone
Concen: 56.099 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

Instrument :
MSVOA_U
ClientSampleId :

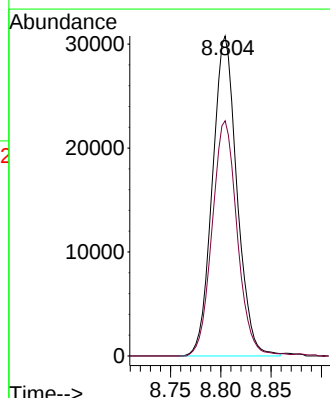
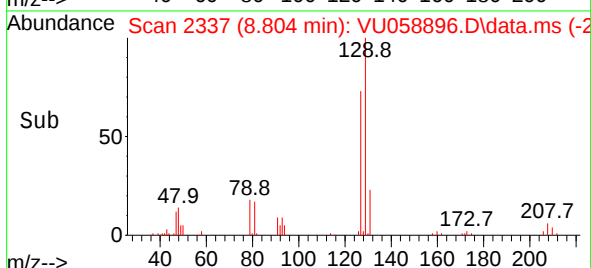
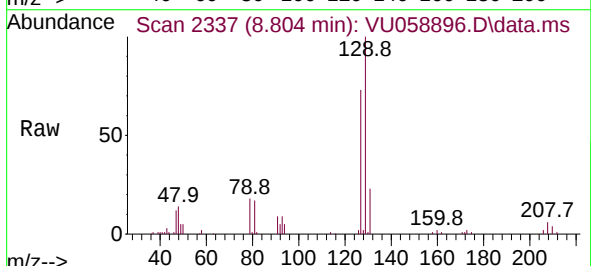


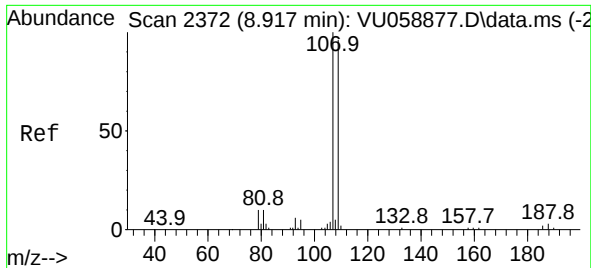
Tgt Ion: 43 Resp: 272075
Ion Ratio Lower Upper
43 100
58 56.8 46.1 69.1
57 20.5 15.5 23.3
100 12.0 9.0 13.6



#49
Dibromochloromethane
Concen: 5.413 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

Tgt Ion: 129 Resp: 52290
Ion Ratio Lower Upper
129 100
127 73.5 52.5 97.5

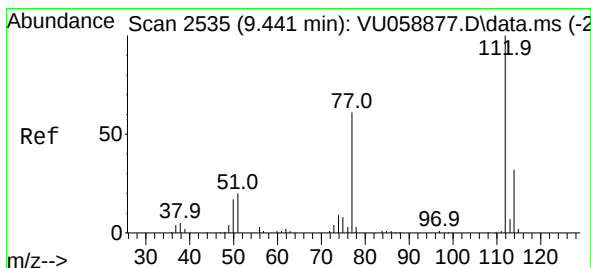
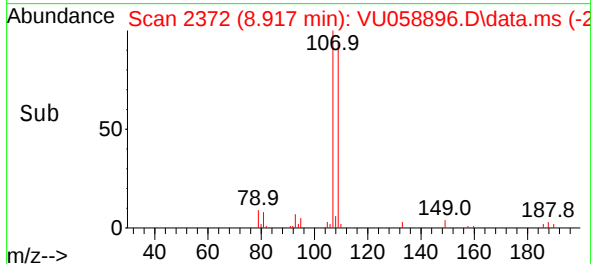
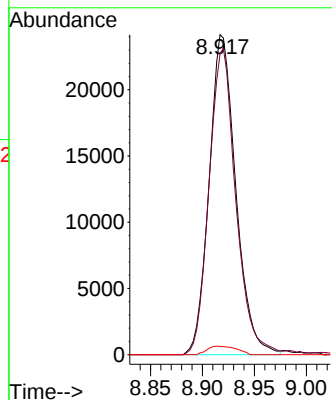
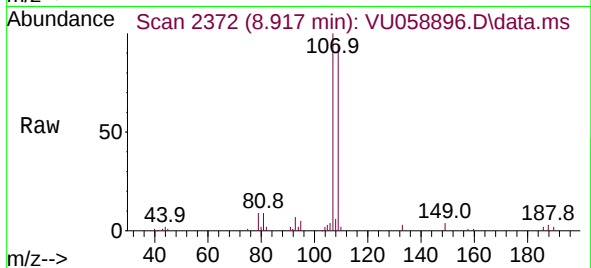




#50
1,2-Dibromoethane
Concen: 5.327 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

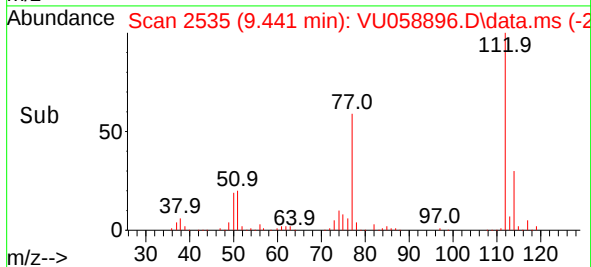
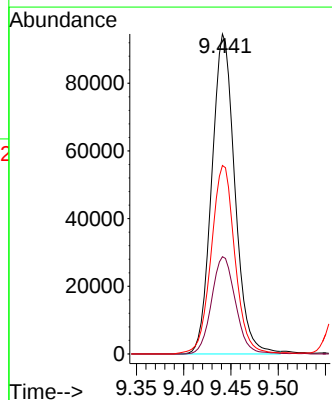
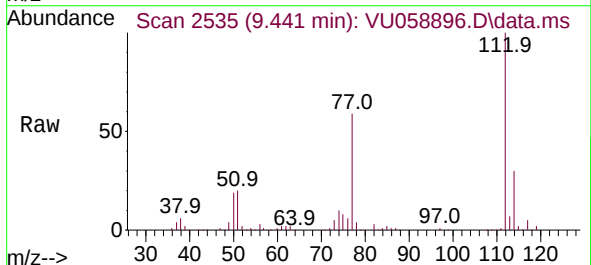
Instrument :
MSVOA_U
ClientSampleId :

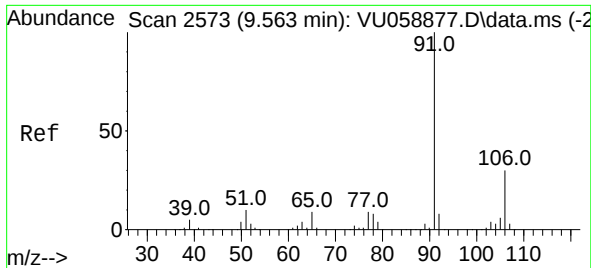
Tgt Ion:107 Resp: 43121
Ion Ratio Lower Upper
107 100
109 94.0 66.9 124.3
188 2.6 2.7 4.1#



#51
Chlorobenzene
Concen: 5.272 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

Tgt Ion:112 Resp: 160724
Ion Ratio Lower Upper
112 100
114 30.4 22.4 41.6
77 58.9 49.1 73.7

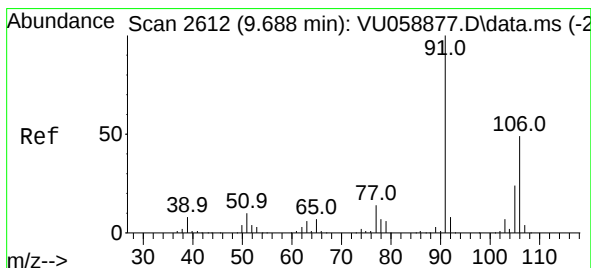
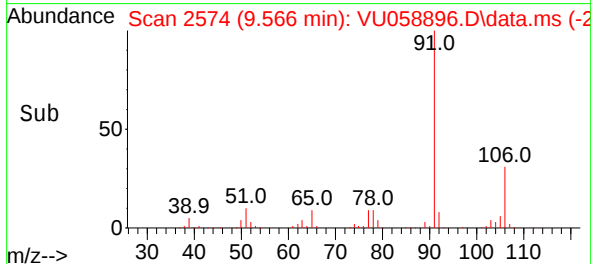
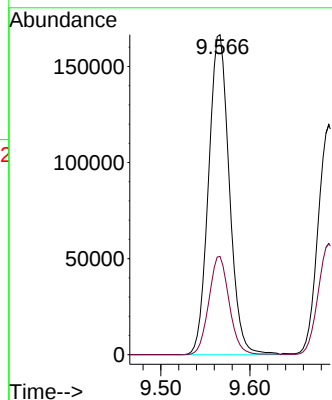
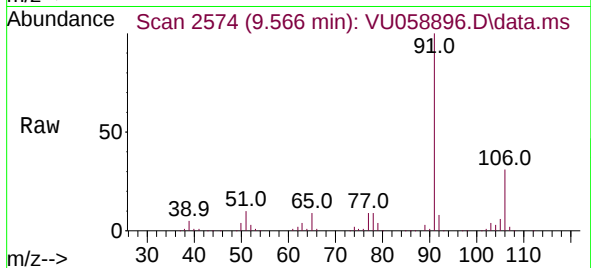




#52
Ethylbenzene
Concen: 5.211 ug/L
RT: 9.566 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

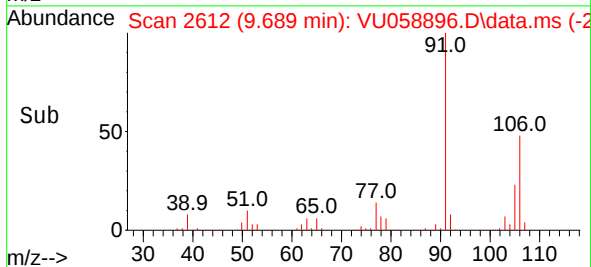
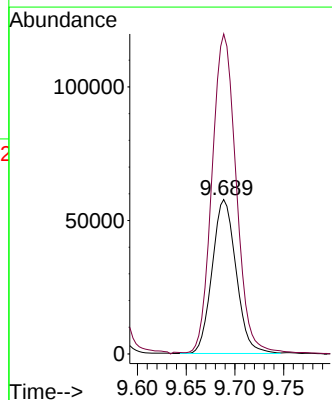
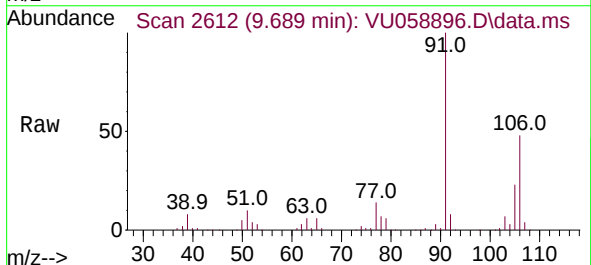
Instrument :
MSVOA_U
ClientSampleId :

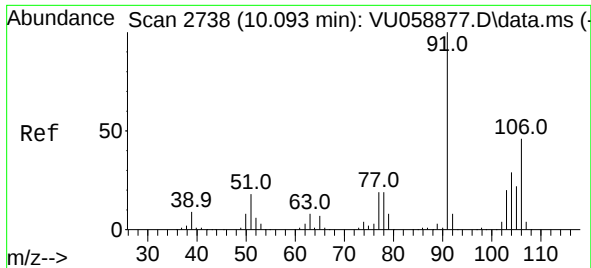
Tgt Ion: 91 Resp: 269197
Ion Ratio Lower Upper
91 100
106 30.7 20.9 38.7



#53
m,p-Xylene
Concen: 5.213 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

Tgt Ion:106 Resp: 98554
Ion Ratio Lower Upper
106 100
91 207.1 142.0 263.8

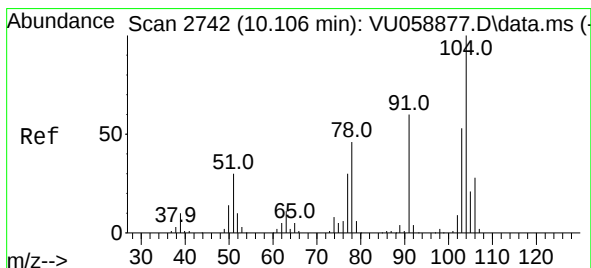
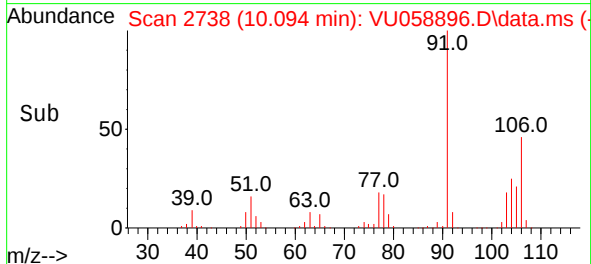
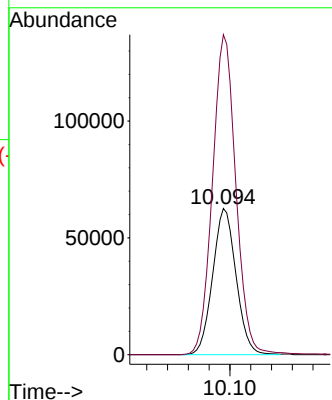
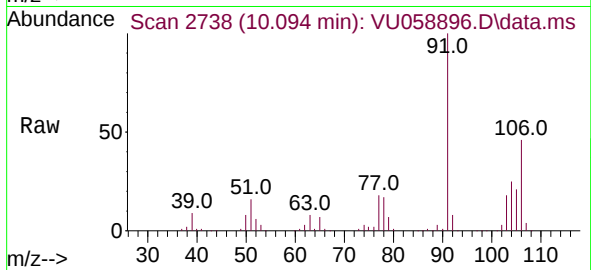




#54
o-Xylene
Concen: 5.283 ug/L
RT: 10.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

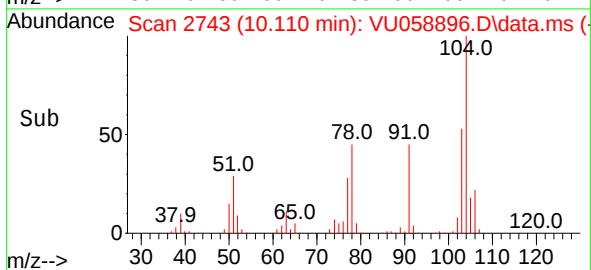
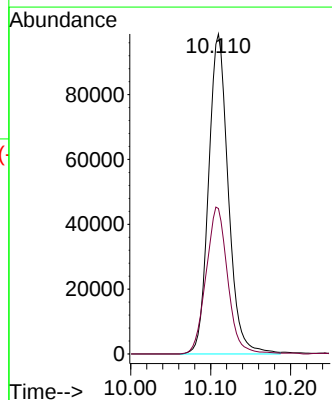
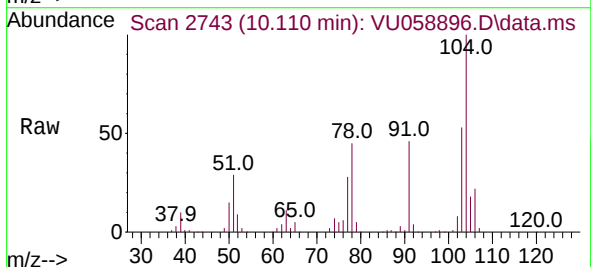
Instrument :
MSVOA_U
ClientSampleId :

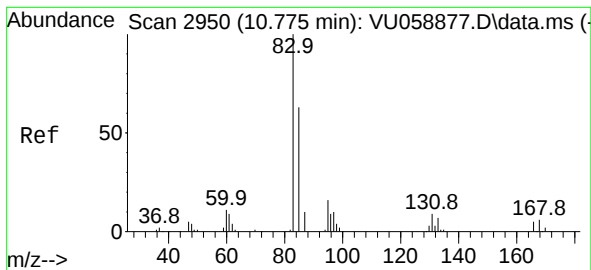
Tgt Ion:106 Resp: 97681
Ion Ratio Lower Upper
106 100
91 218.8 151.6 281.6



#55
Styrene
Concen: 5.437 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

Tgt Ion:104 Resp: 169120
Ion Ratio Lower Upper
104 100
78 45.5 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.347 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058896.D

Acq: 15 May 2024 11:01

Instrument :

MSVOA_U

ClientSampleId :

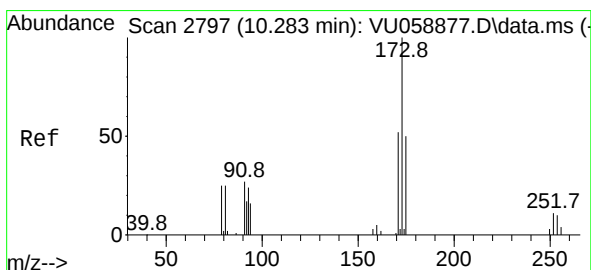
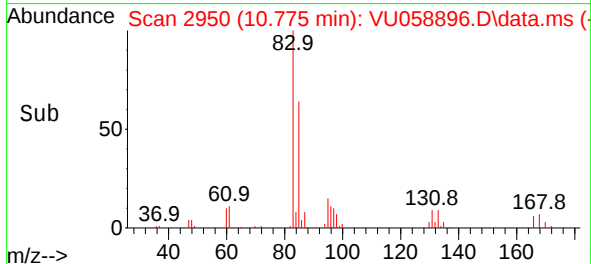
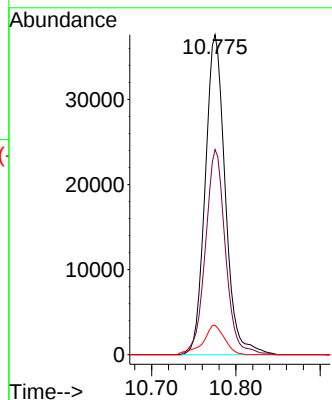
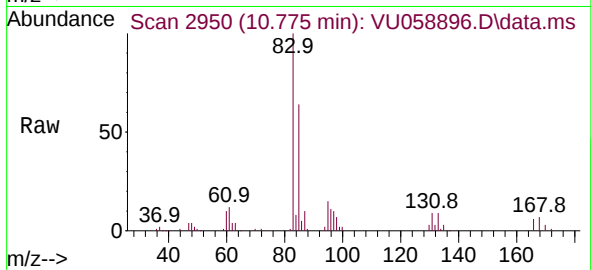
Tgt Ion: 83 Resp: 62092

Ion Ratio Lower Upper

83 100

85 64.1 44.7 82.9

131 9.2 6.9 10.3



#59

Bromoform

Concen: 5.286 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU058896.D

Acq: 15 May 2024 11:01

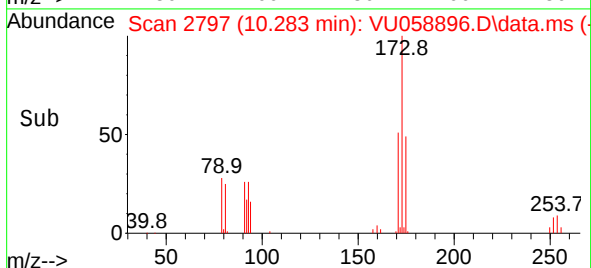
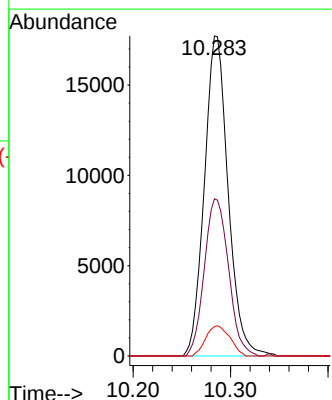
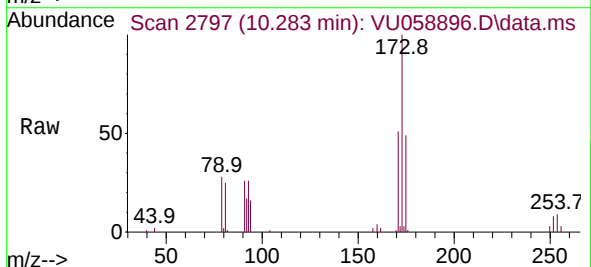
Tgt Ion:173 Resp: 29997

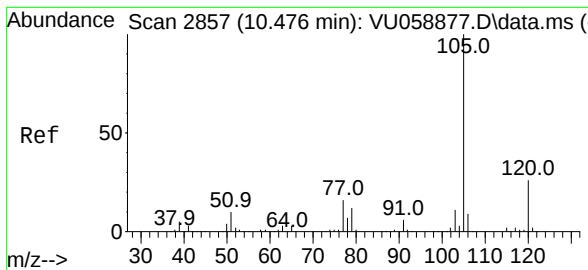
Ion Ratio Lower Upper

173 100

175 49.9 39.4 59.2

254 9.5 7.4 11.2





#60

Isopropylbenzene

Concen: 5.333 ug/L

RT: 10.480 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU058896.D

Acq: 15 May 2024 11:01

Instrument :

MSVOA_U

ClientSampleId :

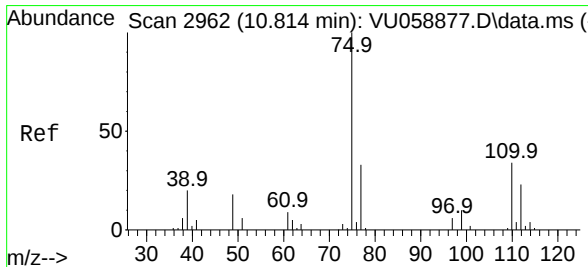
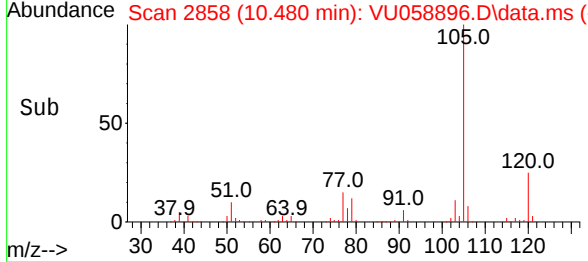
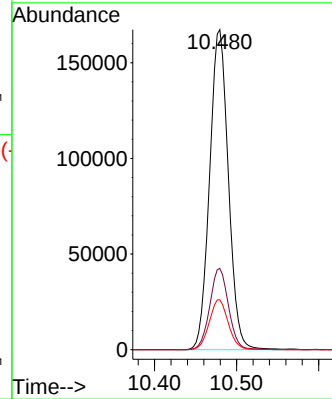
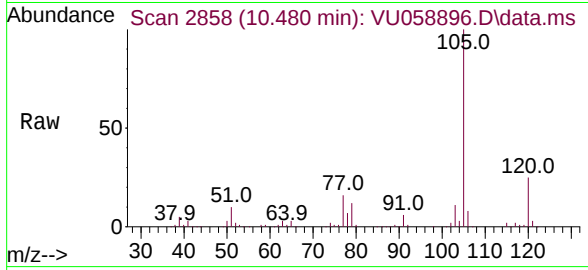
Tgt Ion:105 Resp: 265152

Ion Ratio Lower Upper

105 100

120 25.4 20.6 31.0

77 15.9 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.324 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.003 min

Lab File: VU058896.D

Acq: 15 May 2024 11:01

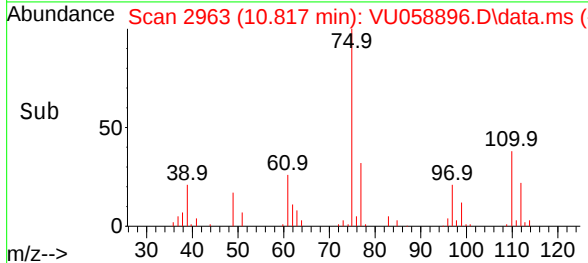
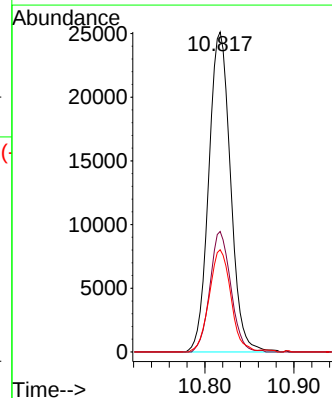
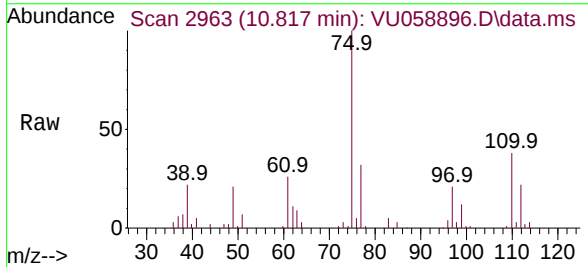
Tgt Ion: 75 Resp: 42576

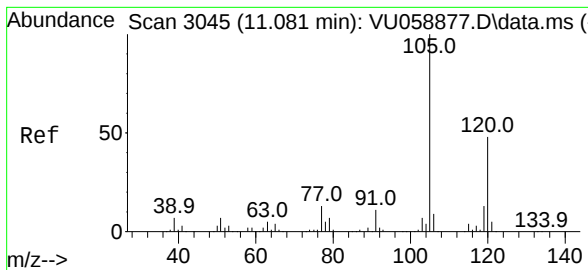
Ion Ratio Lower Upper

75 100

110 36.3 27.1 40.7

77 31.8 25.4 38.2

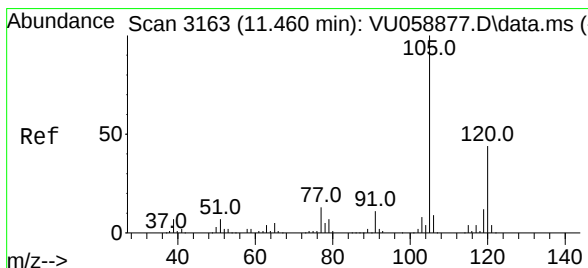
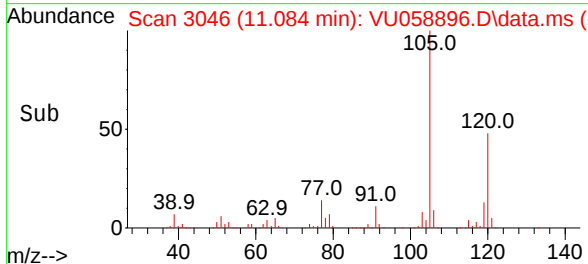
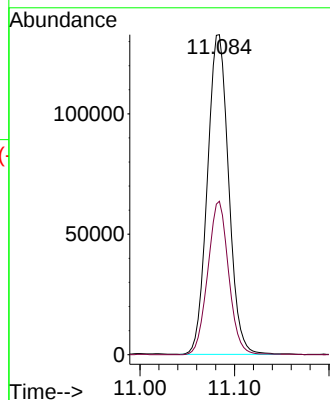
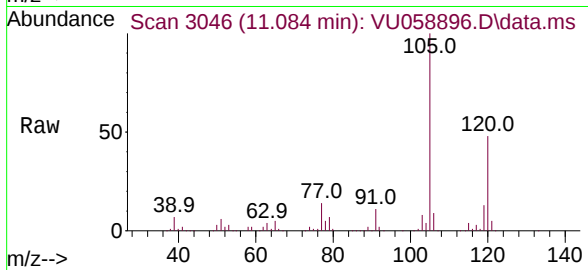




#62
 1,3,5-Trimethylbenzene
 Concen: 5.230 ug/L
 RT: 11.084 min Scan# 3045
 Delta R.T. 0.003 min
 Lab File: VU058896.D
 Acq: 15 May 2024 11:01

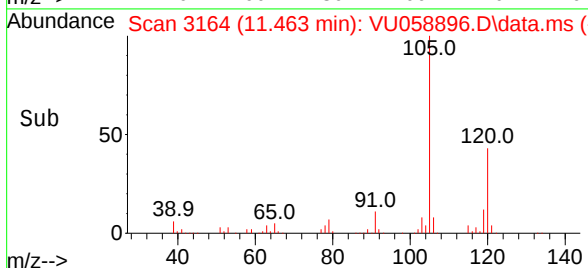
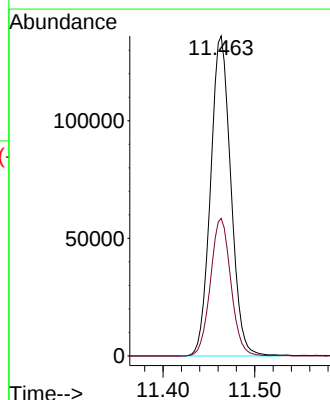
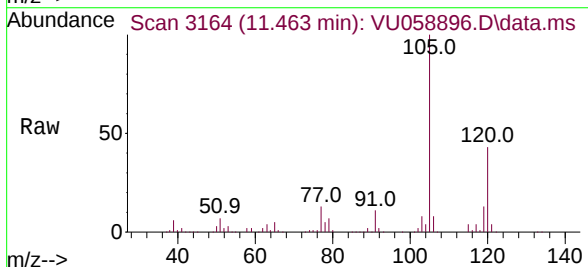
Instrument :
 MSVOA_U
 ClientSampleId :

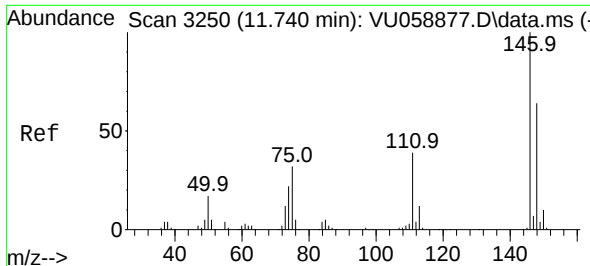
Tgt Ion:105 Resp: 207256
 Ion Ratio Lower Upper
 105 100
 120 47.3 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.319 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.003 min
 Lab File: VU058896.D
 Acq: 15 May 2024 11:01

Tgt Ion:105 Resp: 208998
 Ion Ratio Lower Upper
 105 100
 120 43.3 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.241 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU058896.D

Acq: 15 May 2024 11:01

Instrument :

MSVOA_U

ClientSampleId :

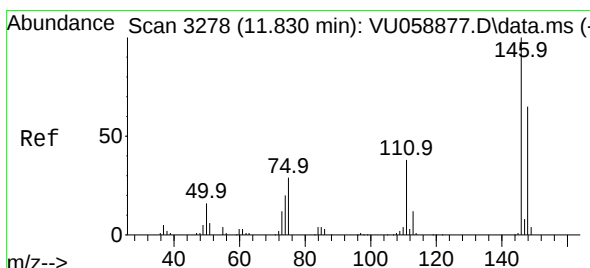
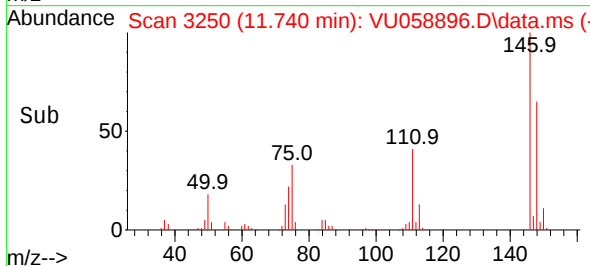
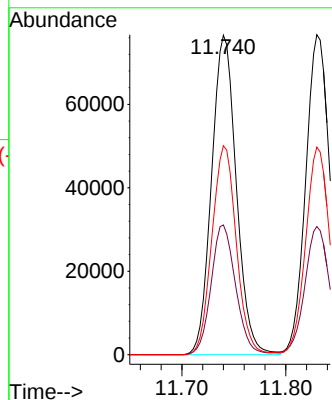
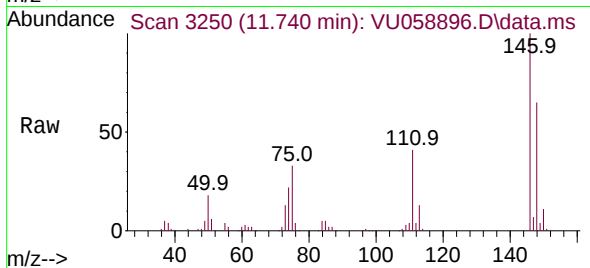
Tgt Ion:146 Resp: 126782

Ion Ratio Lower Upper

146 100

111 40.6 27.4 51.0

148 65.4 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 5.253 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU058896.D

Acq: 15 May 2024 11:01

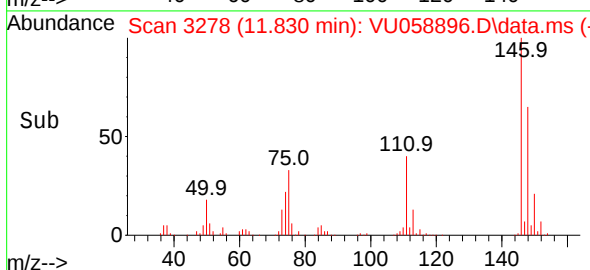
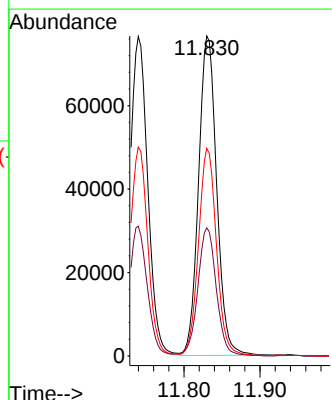
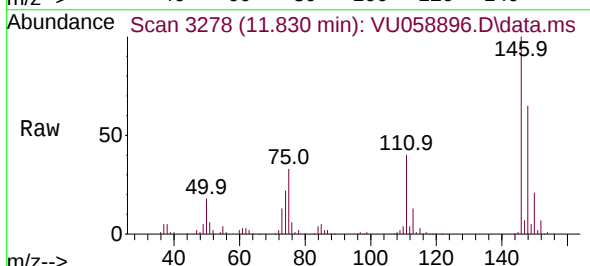
Tgt Ion:146 Resp: 126836

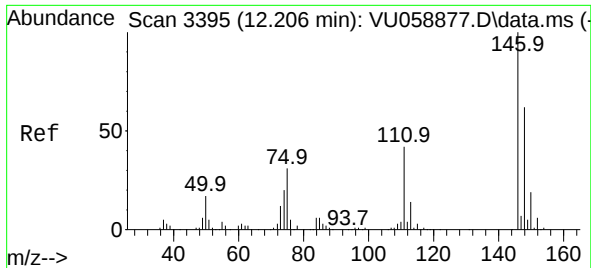
Ion Ratio Lower Upper

146 100

111 40.1 26.9 50.1

148 64.8 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.356 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058896.D

Acq: 15 May 2024 11:01

Instrument :

MSVOA_U

ClientSampleId :

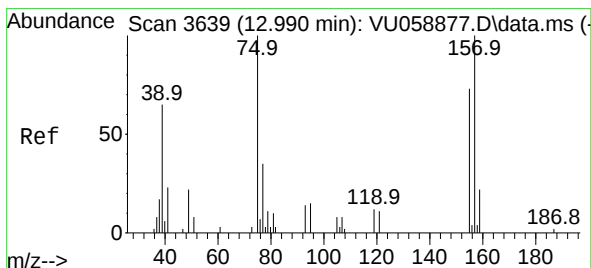
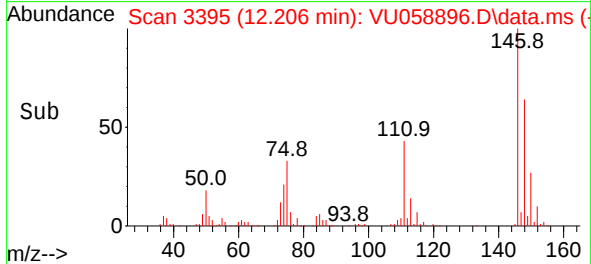
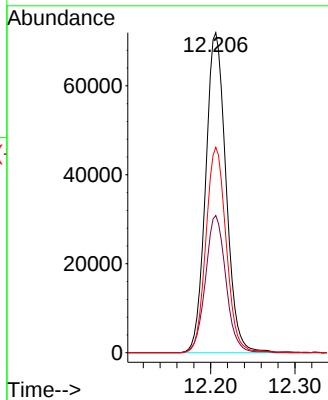
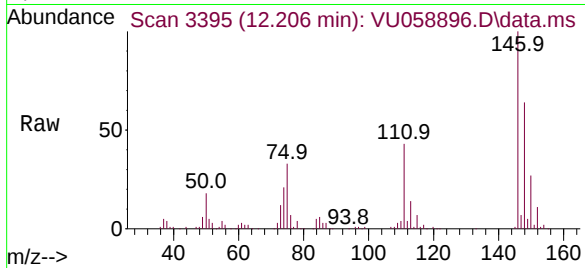
Tgt Ion:146 Resp: 121092

Ion Ratio Lower Upper

146 100

111 42.9 33.4 50.0

148 64.2 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.614 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU058896.D

Acq: 15 May 2024 11:01

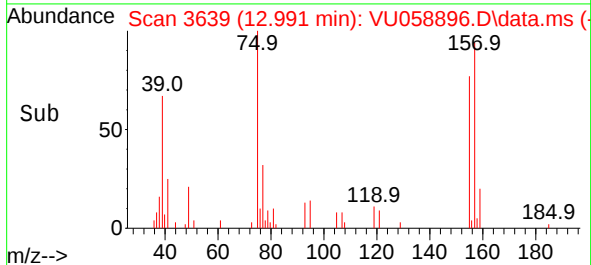
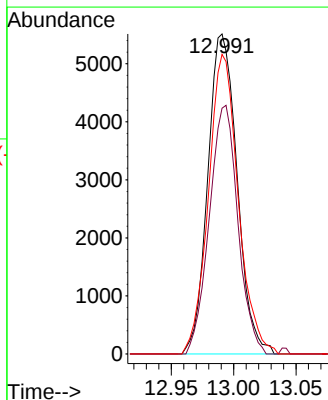
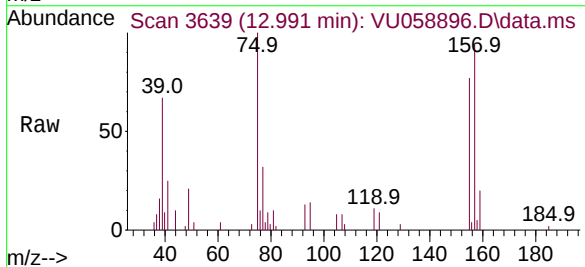
Tgt Ion: 75 Resp: 9031

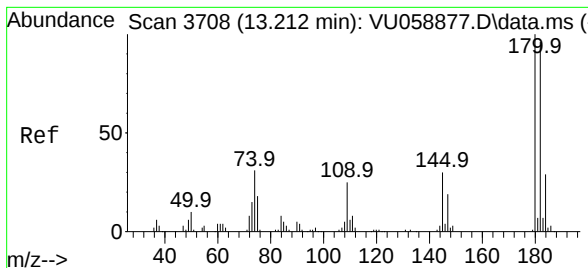
Ion Ratio Lower Upper

75 100

155 76.8 58.2 87.2

157 93.6 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 5.030 ug/L

RT: 13.213 min Scan# 3708

Delta R.T. 0.000 min

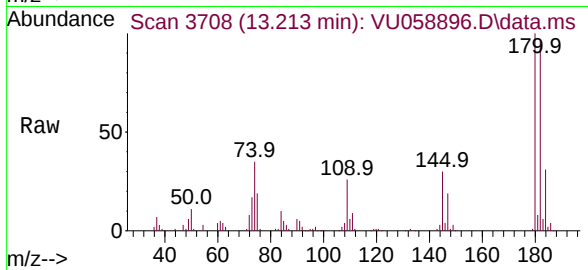
Lab File: VU058896.D

Acq: 15 May 2024 11:01

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 91240

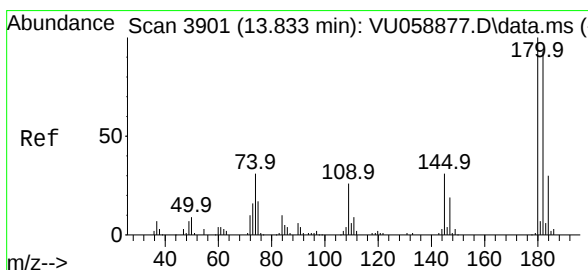
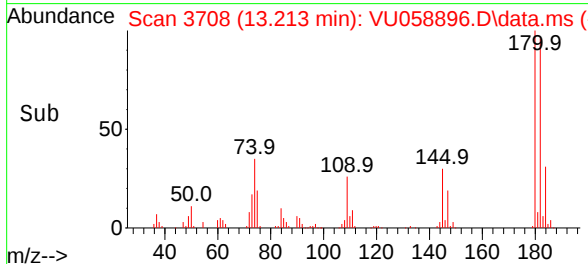
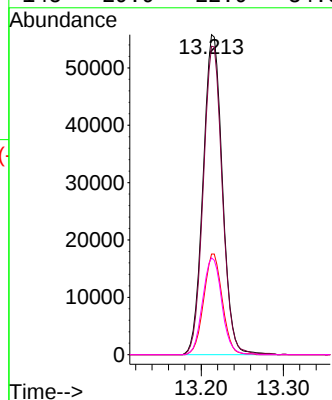
Ion Ratio Lower Upper

180 100

182 95.2 75.4 113.0

184 30.3 23.0 34.6

145 29.9 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 4.995 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU058896.D

Acq: 15 May 2024 11:01

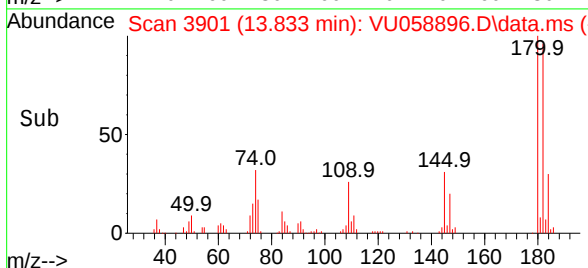
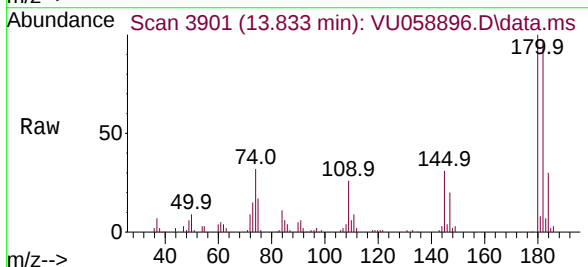
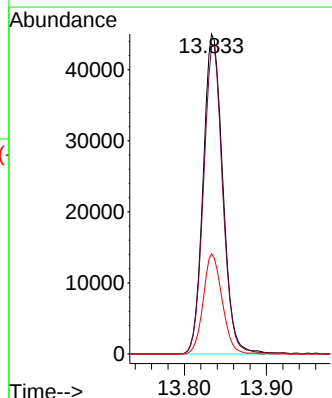
Tgt Ion:180 Resp: 74763

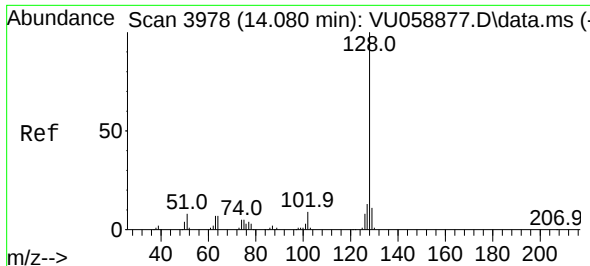
Ion Ratio Lower Upper

180 100

182 94.6 74.9 112.3

145 30.1 23.9 35.9

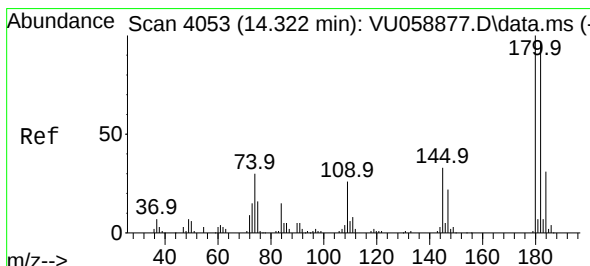
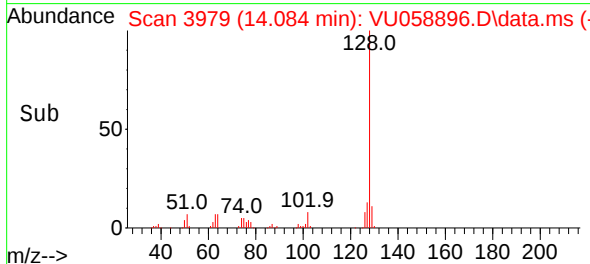
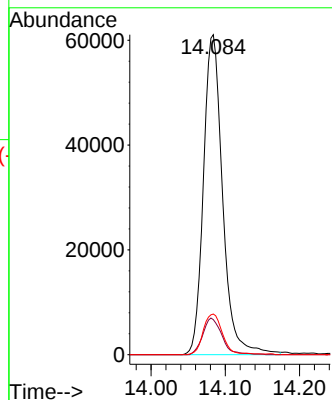
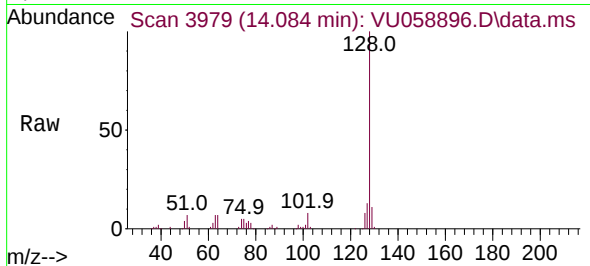




#71
Naphthalene
Concen: 4.855 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 109528
Ion Ratio Lower Upper
128 100
129 11.4 8.2 12.4
127 12.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.203 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU058896.D
Acq: 15 May 2024 11:01

Tgt Ion:180 Resp: 68349
Ion Ratio Lower Upper
180 100
182 93.9 77.0 115.6
145 31.9 26.2 39.4

