

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050624\
 Data File : VU058835.D
 Acq On : 06 May 2024 16:01
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 01:11:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 07 01:07:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	64843	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	61880	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	32677	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	16570	3.249	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.904	69	13578	3.533	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.600%
11) 1,1-Dichloroethene-d2	2.557	65	10293	4.008	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.612	46	40463	45.154	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.300%
24) Chloroform-d	5.049	84	52805	5.064	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.692	65	26976	5.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.718	84	89698	4.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.679	67	24688	4.202	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.891	98	81353	4.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.174	79	10629	4.969	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.624	63	31439	49.604	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.200%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	18035	5.040	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	29083	5.107	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.374	85	37316	5.255	ug/L	98
3) Chloromethane	1.512	50	22480	4.044	ug/L	99
5) Vinyl chloride	1.596	62	23763	4.213	ug/L	95
6) Bromomethane	1.846	94	14435	4.325	ug/L	94
8) Chloroethane	1.924	64	12503	3.936	ug/L	93
9) Trichlorofluoromethane	2.129	101	48981	5.548	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	27646	5.254	ug/L	95
12) 1,1-Dichloroethene	2.570	96	23114	4.895	ug/L	96
13) Acetone	2.615	43	27724	44.763	ug/L	99
14) Carbon disulfide	2.782	76	72904	4.539	ug/L	99
15) Methyl Acetate	2.943	43	6519	4.390	ug/L	97
16) Methylene chloride	3.033	84	24724	4.865	ug/L	95
17) Methyl tert-butyl Ether	3.348	73	53553	5.010	ug/L	99
18) trans-1,2-Dichloroethene	3.342	96	24245	5.126	ug/L	96
19) 1,1-Dichloroethane	3.853	63	48034	4.795	ug/L	94
21) 2-Butanone	4.689	43	42612	43.752	ug/L	93
22) cis-1,2-Dichloroethene	4.653	96	26747	5.148	ug/L	87
23) Bromochloromethane	4.965	128	10985	5.400	ug/L	86
25) Chloroform	5.075	83	55501	5.331	ug/L	95

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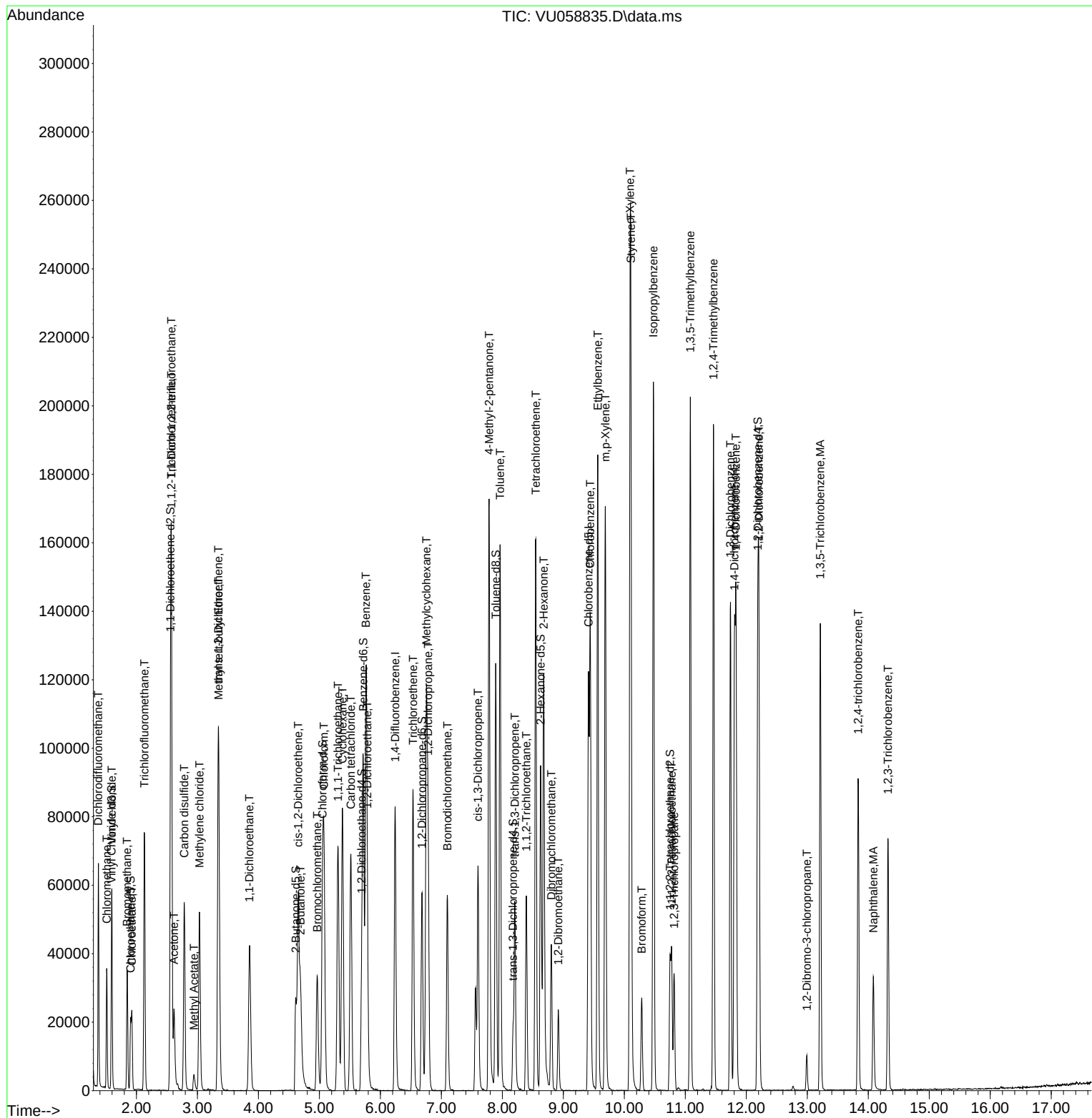
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	34911	5.605	ug/L #	95
29) 1,1,1-Trichloroethane	5.303	97	53658	5.810	ug/L	98
30) Cyclohexane	5.377	56	37260	4.274	ug/L	88
31) Carbon tetrachloride	5.515	117	48271	5.913	ug/L	99
33) Benzene	5.763	78	105576	4.931	ug/L	100
34) Trichloroethene	6.534	95	29491	5.062	ug/L	95
35) Methylcyclohexane	6.753	83	41437	4.681	ug/L	97
37) 1,2-Dichloropropane	6.782	63	26233	4.691	ug/L	98
38) Bromodichloromethane	7.097	83	37502	5.413	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	38330	4.951	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	107100	43.389	ug/L	97
42) Toluene	7.962	91	111916	5.058	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	31897	5.351	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	16934	5.263	ug/L	97
47) Tetrachloroethene	8.547	164	34259	8.379	ug/L	98
48) 2-Hexanone	8.676	43	78171	44.582	ug/L	97
49) Dibromochloromethane	8.801	129	21184	5.621	ug/L	96
50) 1,2-Dibromoethane	8.917	107	14925	5.041	ug/L #	93
51) Chlorobenzene	9.441	112	69437	5.151	ug/L	99
52) Ethylbenzene	9.563	91	127064	5.207	ug/L	98
53) m,p-Xylene	9.689	106	47417	5.290	ug/L	93
54) o-Xylene	10.094	106	45623	5.369	ug/L	96
55) Styrene	10.107	104	75204	5.433	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	17551	4.680	ug/L #	95
59) Bromoform	10.283	173	12341	5.392	ug/L	97
60) Isopropylbenzene	10.476	105	129928	5.012	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	13735	4.618	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	109003	5.053	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	104916	5.140	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	55052	4.928	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	53903	4.945	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	49460	5.114	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	3021	5.878	ug/L	87
69) 1,3,5-Trichlorobenzene	13.213	180	41745	5.223	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	27310	4.915	ug/L	100
71) Naphthalene	14.084	128	28718	4.272	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	21845	4.961	ug/L	98

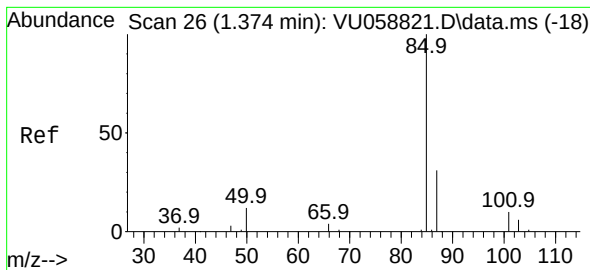
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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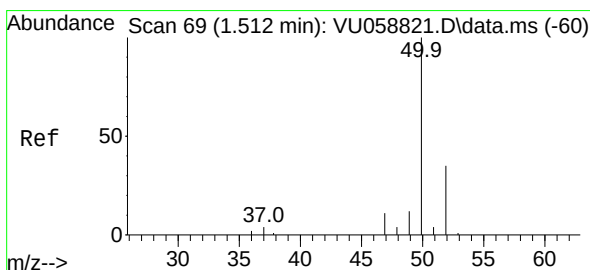
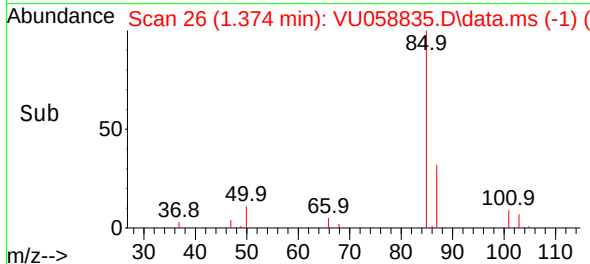
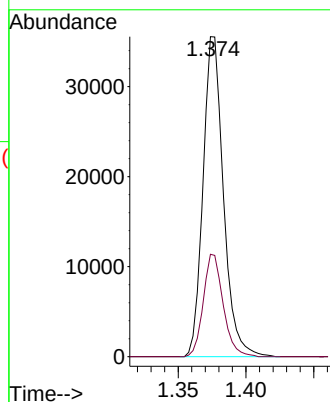
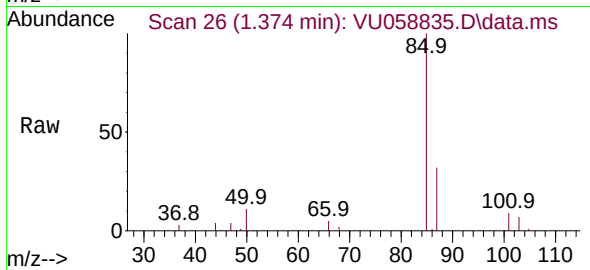




#2
 Dichlorodifluoromethane
 Concen: 5.255 ug/L
 RT: 1.374 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU058835.D
 Acq: 06 May 2024 16:01

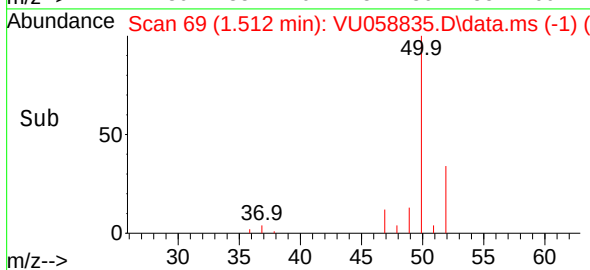
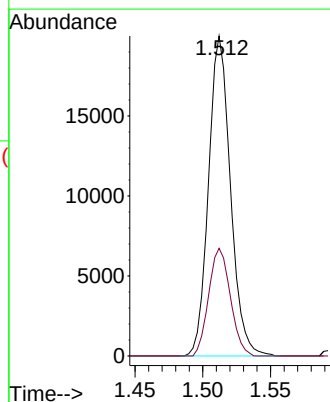
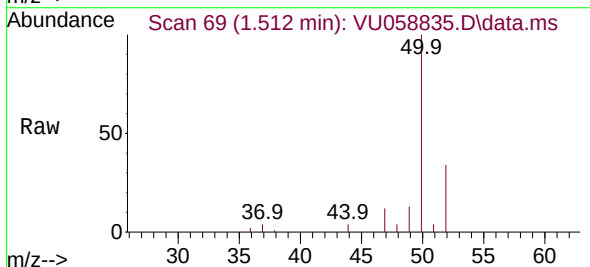
Instrument :
 MSVOA_U
 ClientSampleId :

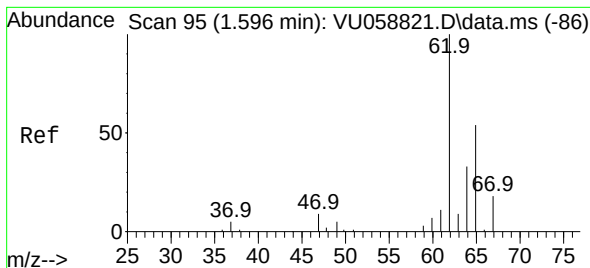
Tgt Ion: 85 Resp: 37316
 Ion Ratio Lower Upper
 85 100
 87 31.1 26.0 39.0



#3
 Chloromethane
 Concen: 4.044 ug/L
 RT: 1.512 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VU058835.D
 Acq: 06 May 2024 16:01

Tgt Ion: 50 Resp: 22480
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.0 42.8





#5

Vinyl chloride

Concen: 4.213 ug/L

RT: 1.596 min Scan# 90

Delta R.T. -0.000 min

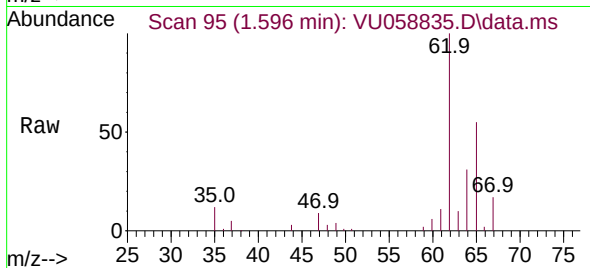
Lab File: VU058835.D

Acq: 06 May 2024 16:01

Instrument :

MSVOA_U

ClientSampleId :

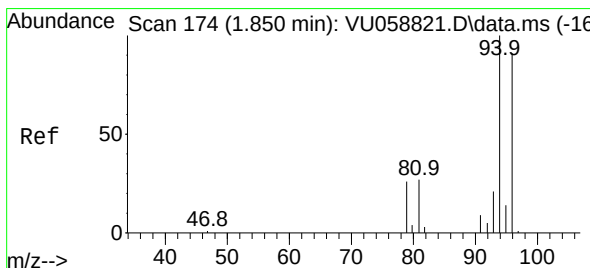
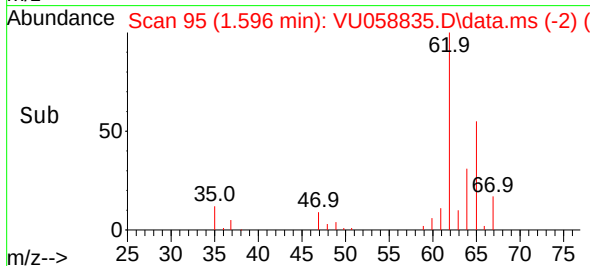
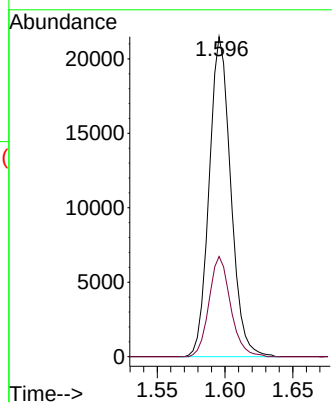


Tgt Ion: 62 Resp: 23763

Ion Ratio Lower Upper

62 100

64 31.3 23.8 44.2



#6

Bromomethane

Concen: 4.325 ug/L

RT: 1.846 min Scan# 173

Delta R.T. -0.003 min

Lab File: VU058835.D

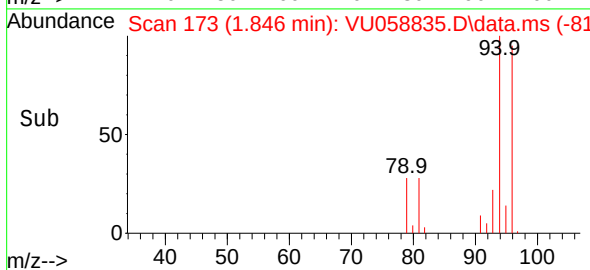
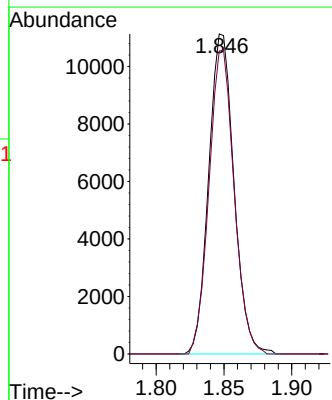
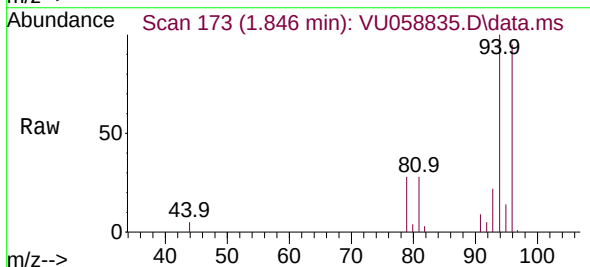
Acq: 06 May 2024 16:01

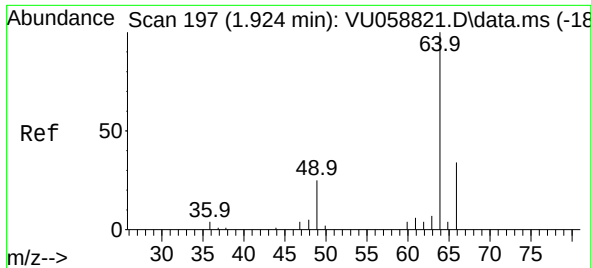
Tgt Ion: 94 Resp: 14435

Ion Ratio Lower Upper

94 100

96 94.7 62.2 115.6

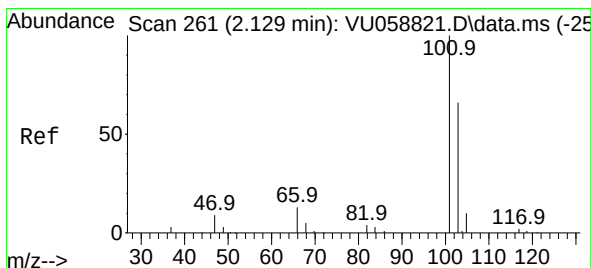
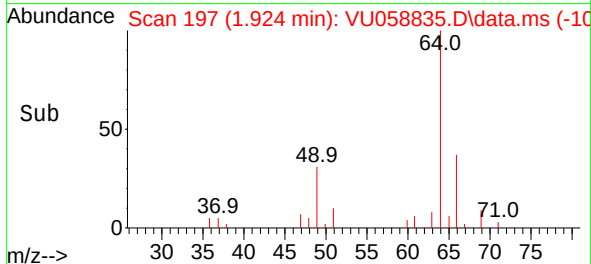
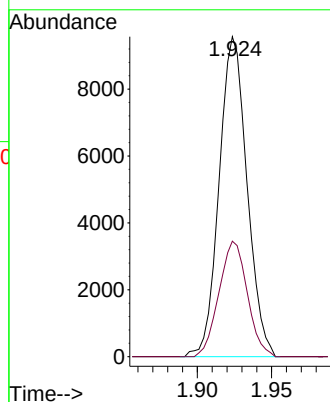
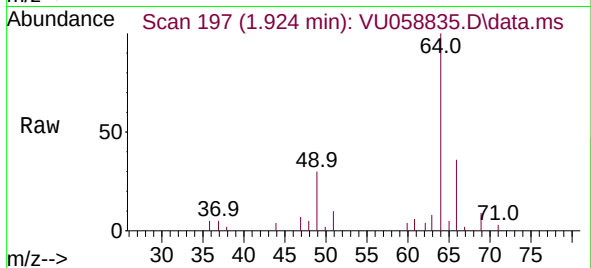




#8
Chloroethane
Concen: 3.936 ug/L
RT: 1.924 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

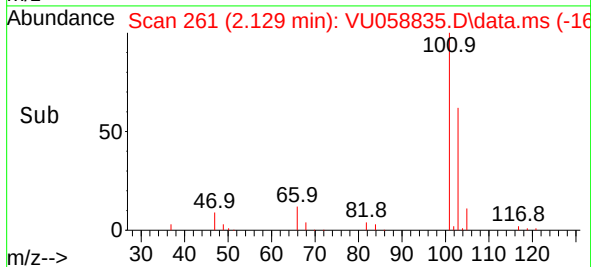
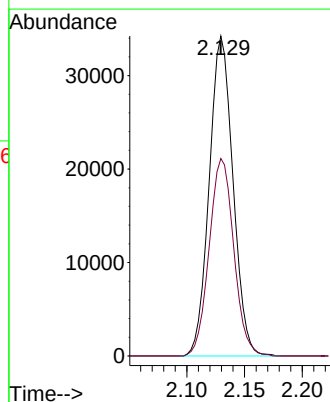
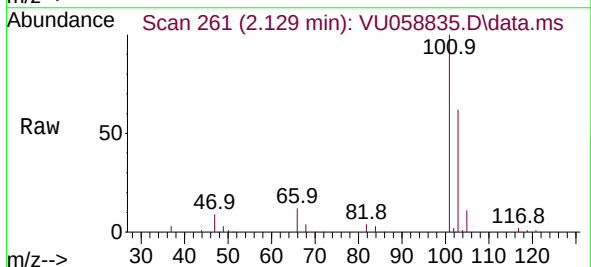
Instrument :
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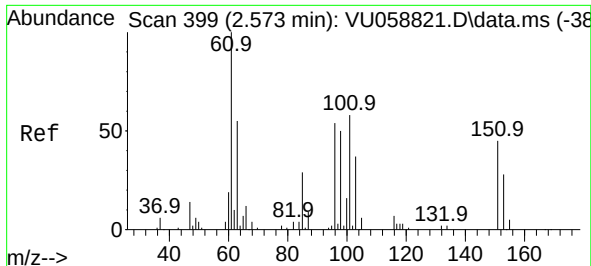
Tgt Ion: 64 Resp: 12503
Ion Ratio Lower Upper
64 100
66 36.1 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.548 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.000 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

Tgt Ion:101 Resp: 48981
Ion Ratio Lower Upper
101 100
103 63.9 52.6 78.8

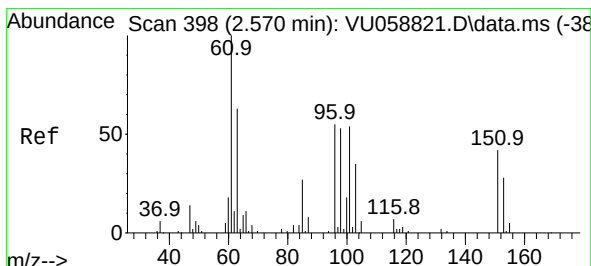
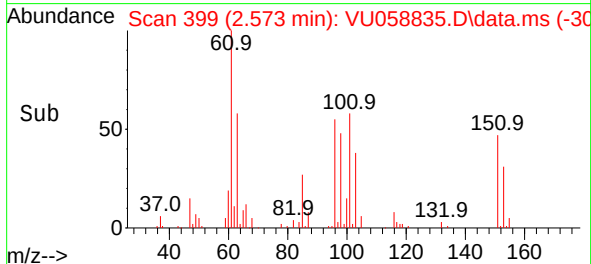
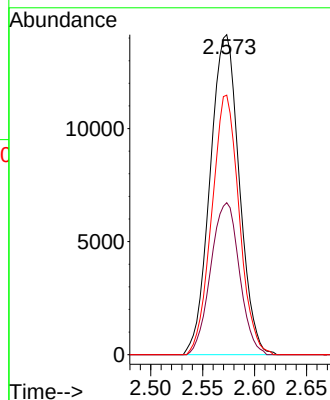
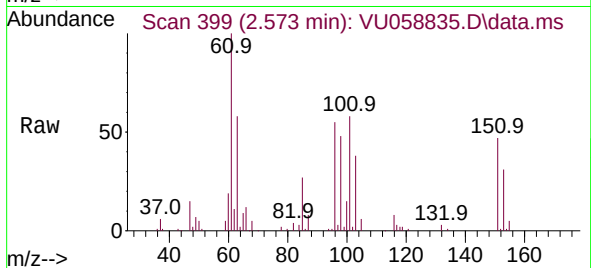




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.254 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

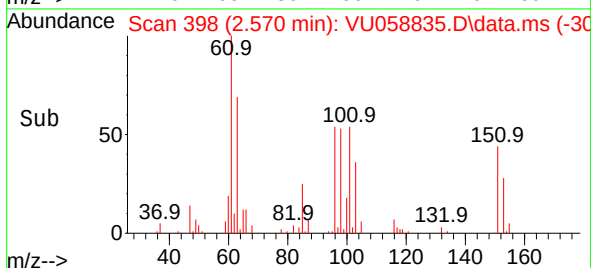
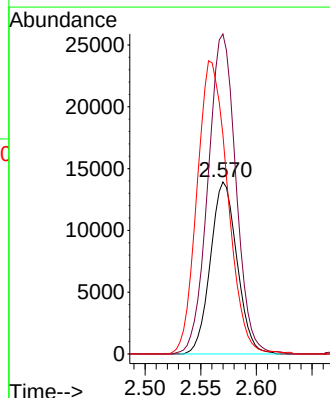
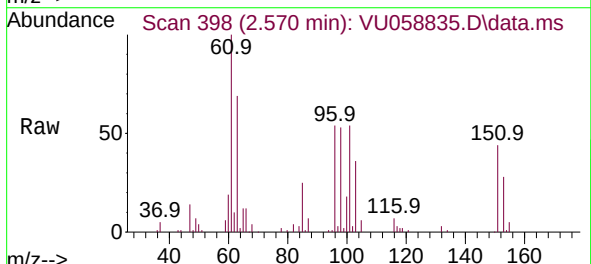
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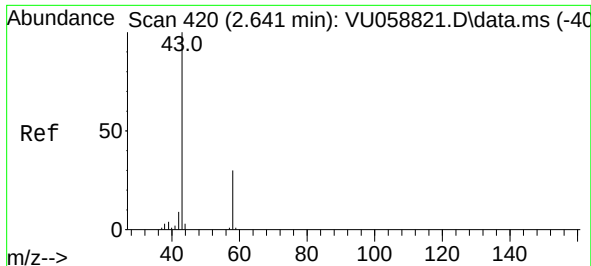
Tgt Ion:101 Resp: 27646
Ion Ratio Lower Upper
101 100
85 46.6 36.7 55.1
151 76.3 56.6 84.8



#12
1,1-Dichloroethene
Concen: 4.895 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

Tgt Ion: 96 Resp: 23114
Ion Ratio Lower Upper
96 100
61 186.0 135.3 251.3
63 127.4 91.9 170.7





#13

Acetone

Concen: 44.763 ug/L

RT: 2.615 min Scan# 412

Delta R.T. -0.026 min

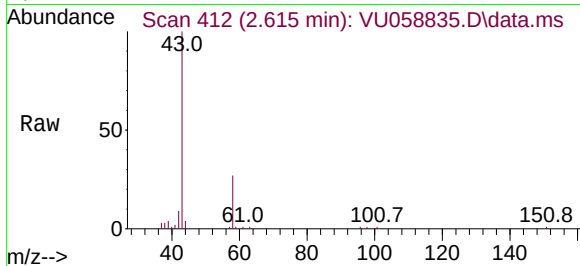
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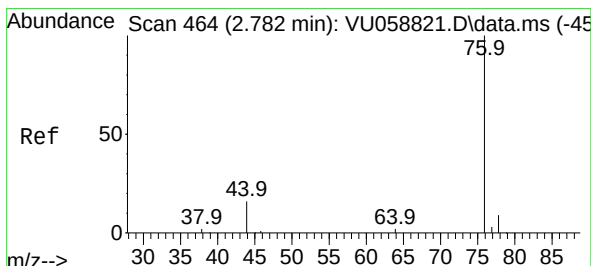
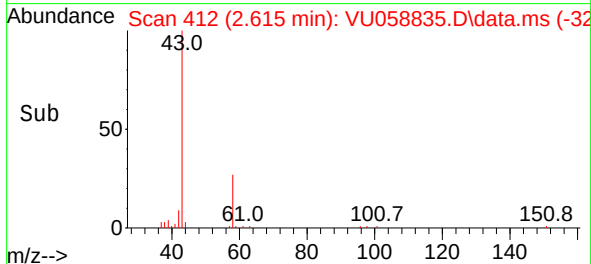
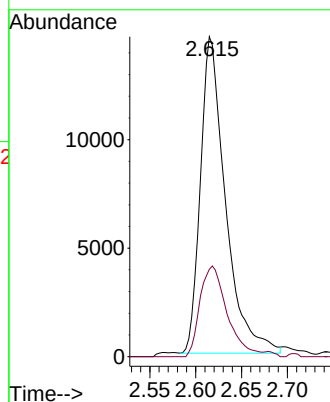


Tgt Ion: 43 Resp: 27724

Ion Ratio Lower Upper

43 100

58 30.9 0.0 61.2



#14

Carbon disulfide

Concen: 4.539 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

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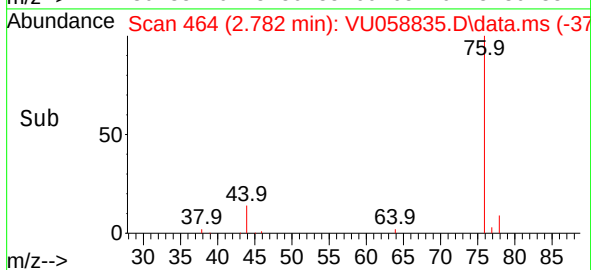
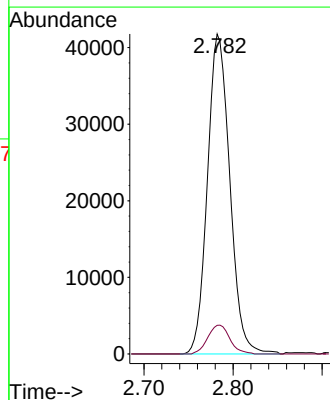
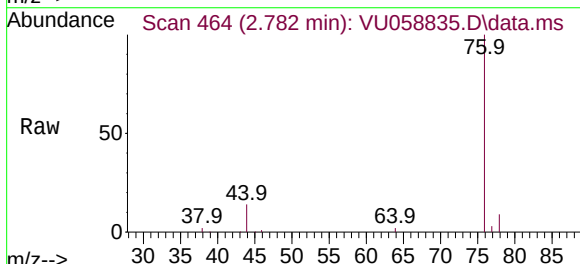
Acq: 06 May 2024 16:01

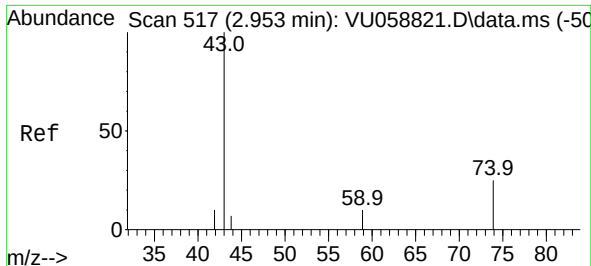
Tgt Ion: 76 Resp: 72904

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2





#15

Methyl Acetate

Concen: 4.390 ug/L

RT: 2.943 min Scan# 517

Delta R.T. -0.010 min

Lab File: VU058835.D

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Instrument :

MSVOA_U

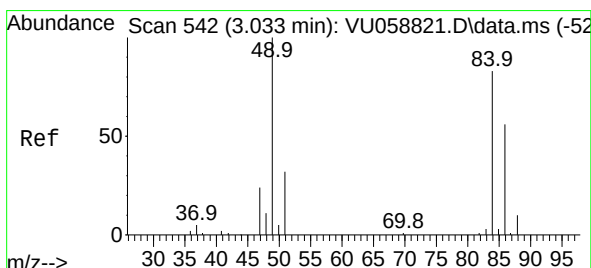
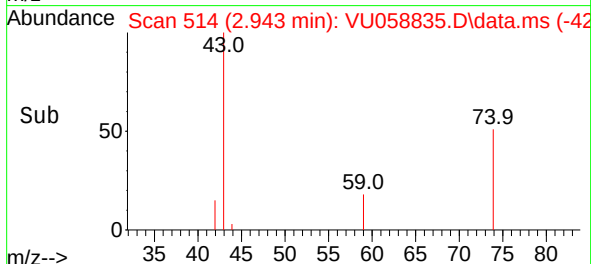
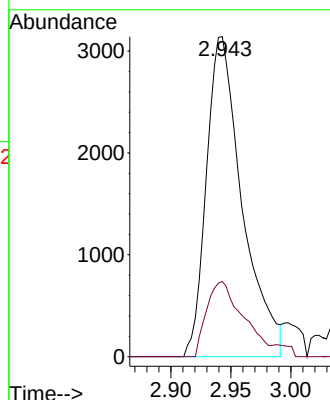
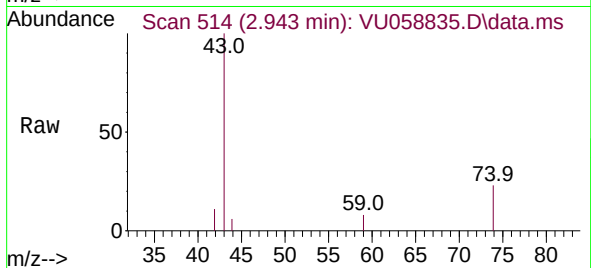
ClientSampleId :

Tgt Ion: 43 Resp: 6519

Ion Ratio Lower Upper

43 100

74 24.1 18.2 27.4



#16

Methylene chloride

Concen: 4.865 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.000 min

Lab File: VU058835.D

Acq: 06 May 2024 16:01

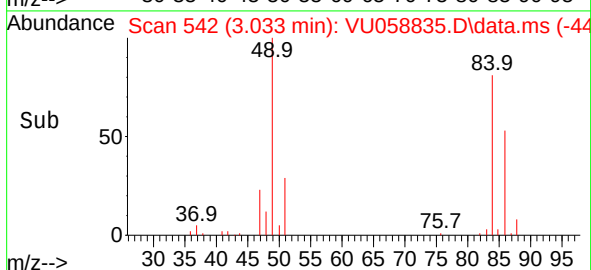
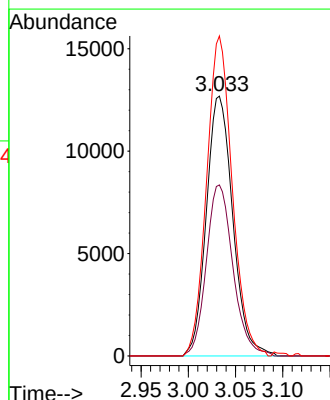
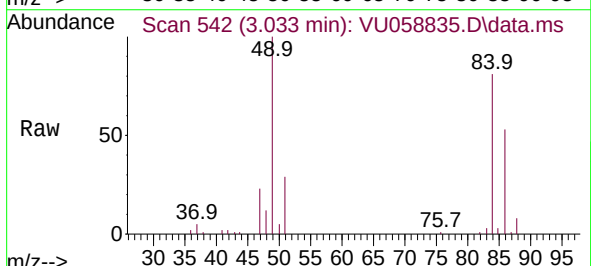
Tgt Ion: 84 Resp: 24724

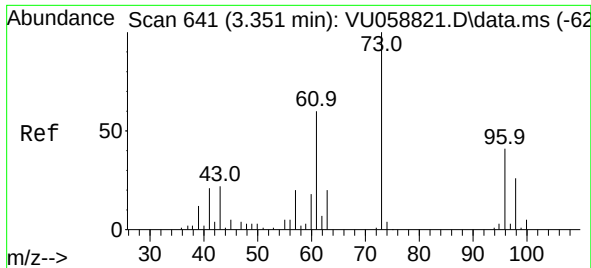
Ion Ratio Lower Upper

84 100

86 65.8 45.0 83.6

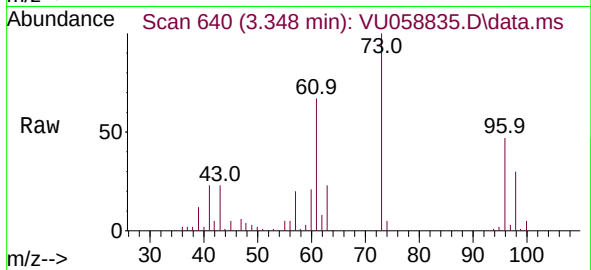
49 123.2 91.6 170.2



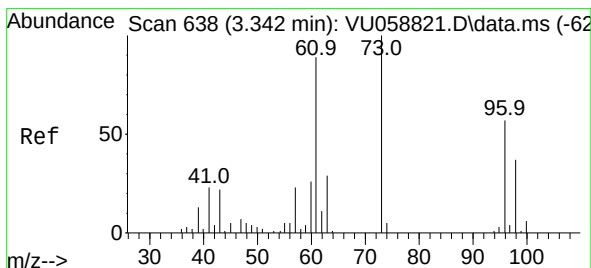
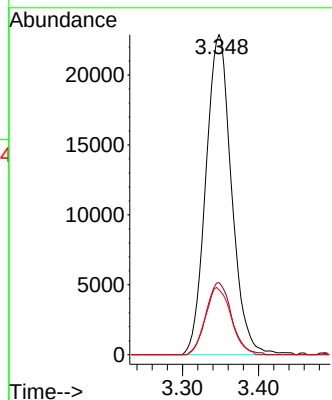
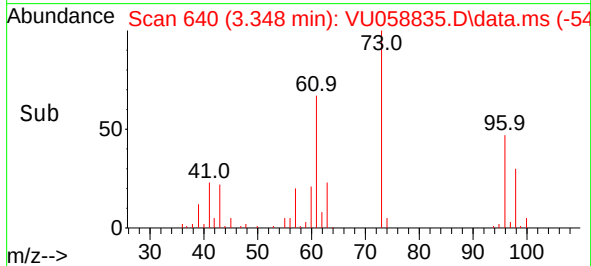


#17
Methyl tert-butyl Ether
Concen: 5.010 ug/L
RT: 3.348 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

Instrument :
MSVOA_U
ClientSampleId :

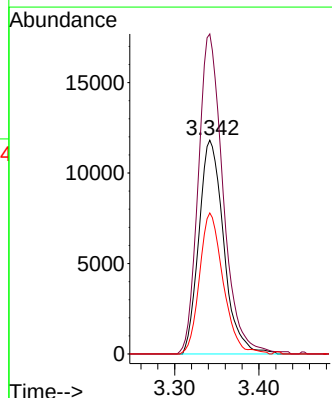
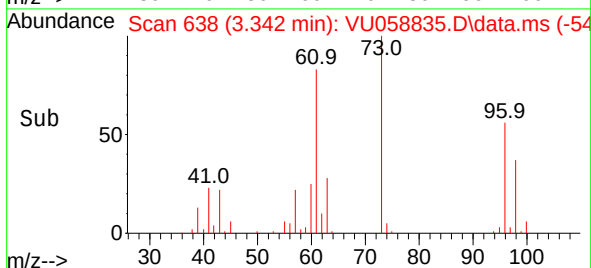
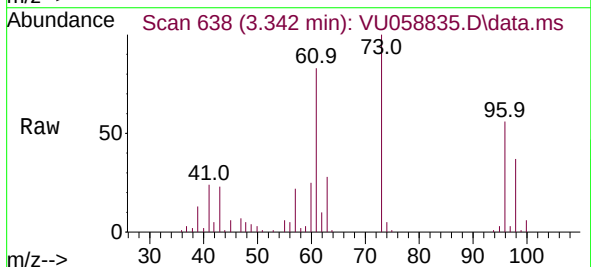


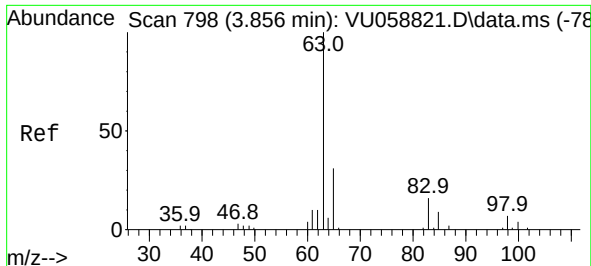
Tgt Ion: 73 Resp: 53553
Ion Ratio Lower Upper
73 100
43 22.5 17.7 26.5
57 21.0 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 5.126 ug/L
RT: 3.342 min Scan# 638
Delta R.T. -0.000 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

Tgt Ion: 96 Resp: 24245
Ion Ratio Lower Upper
96 100
61 149.7 108.6 201.8
98 66.0 44.4 82.4

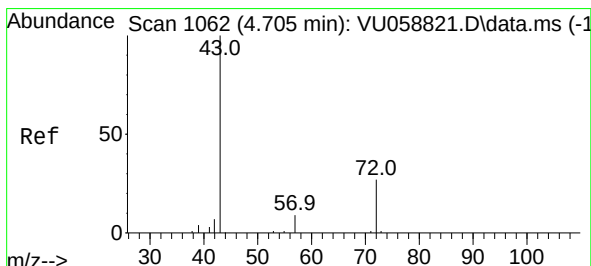
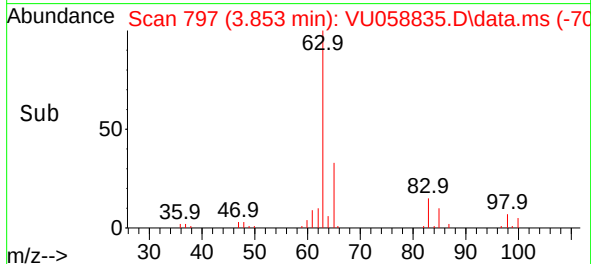
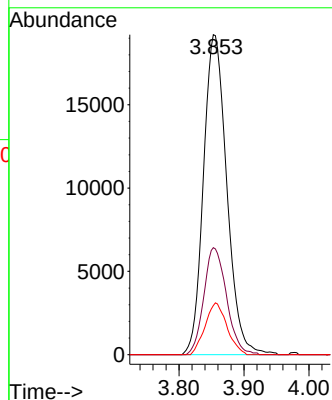
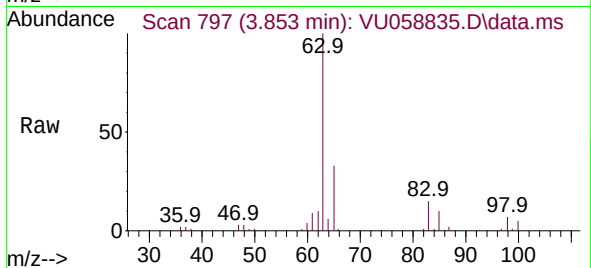




#19
1,1-Dichloroethane
Concen: 4.795 ug/L
RT: 3.853 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

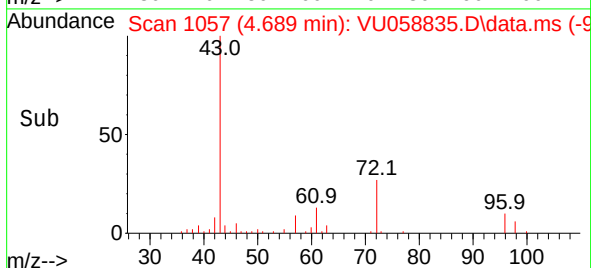
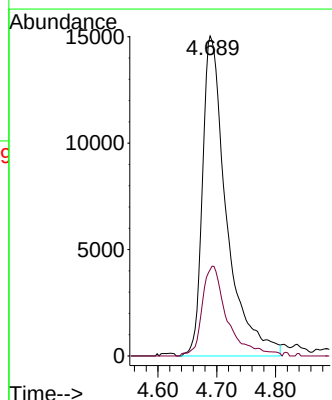
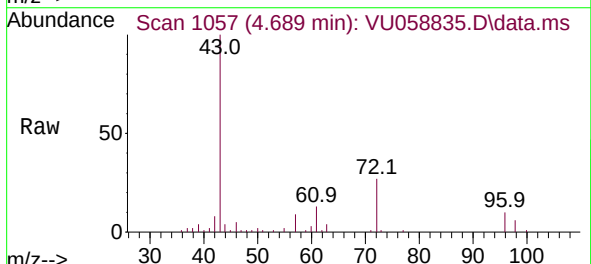
Instrument :
MSVOA_U
ClientSampleId :

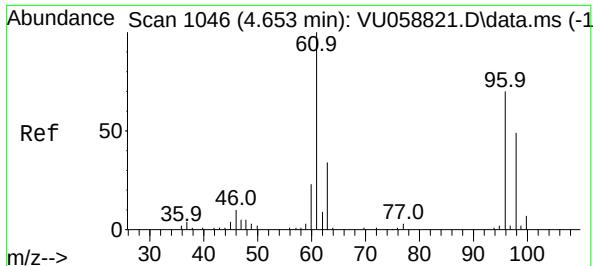
Tgt Ion: 63 Resp: 48034
Ion Ratio Lower Upper
63 100
65 34.5 21.6 40.2
83 15.4 9.5 17.7



#21
2-Butanone
Concen: 43.752 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. -0.016 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

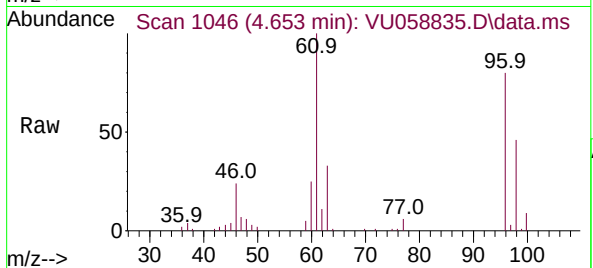
Tgt Ion: 43 Resp: 42612
Ion Ratio Lower Upper
43 100
72 29.3 12.8 38.4





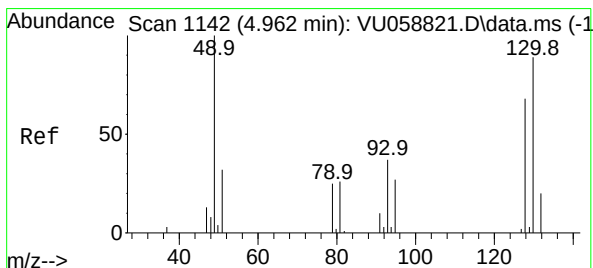
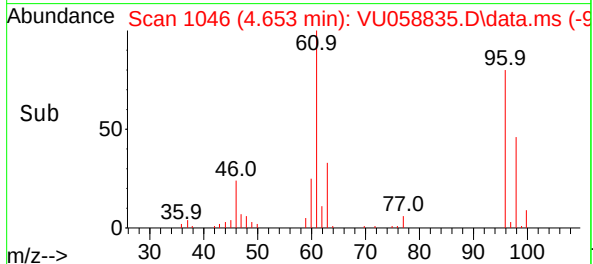
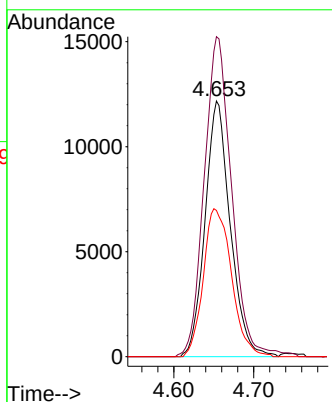
#22
 cis-1,2-Dichloroethene
 Concen: 5.148 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU058835.D
 Acq: 06 May 2024 16:01

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 26747

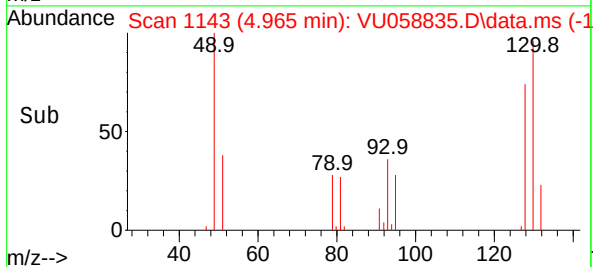
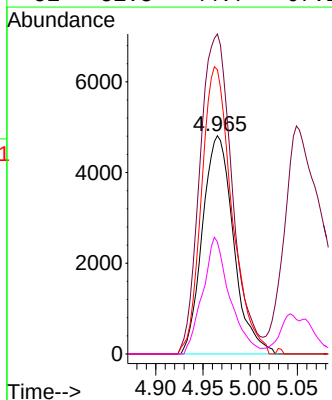
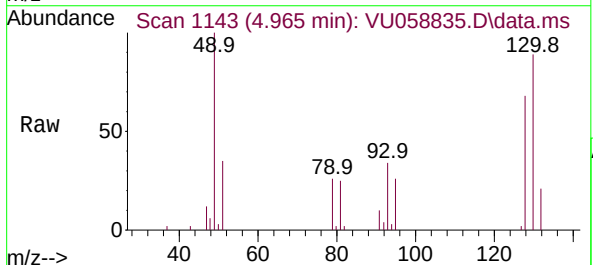
Ion	Ratio	Lower	Upper
96	100		
61	125.2	100.4	186.4
98	57.2	45.1	83.7

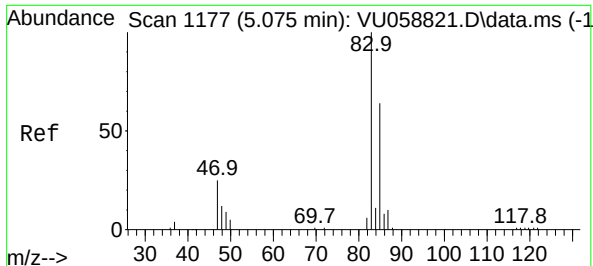


#23
 Bromochloromethane
 Concen: 5.400 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.003 min
 Lab File: VU058835.D
 Acq: 06 May 2024 16:01

Tgt Ion: 128 Resp: 10985

Ion	Ratio	Lower	Upper
128	100		
49	146.7	129.1	239.7
130	130.3	92.1	171.1
51	51.3	44.7	67.1





#25

Chloroform

Concen: 5.331 ug/L

RT: 5.075 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU058835.D

Acq: 06 May 2024 16:01

Instrument :

MSVOA_U

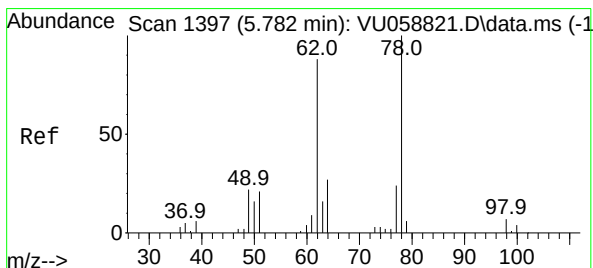
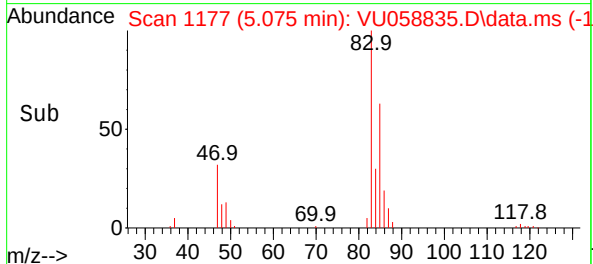
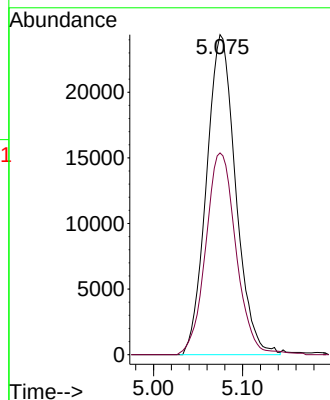
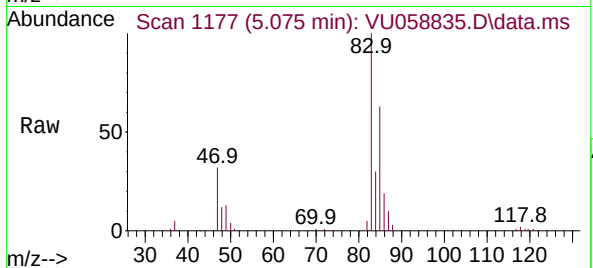
ClientSampleId :

Tgt Ion: 83 Resp: 55501

Ion Ratio Lower Upper

83 100

85 63.0 47.0 87.4



#27

1,2-Dichloroethane

Concen: 5.605 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.003 min

Lab File: VU058835.D

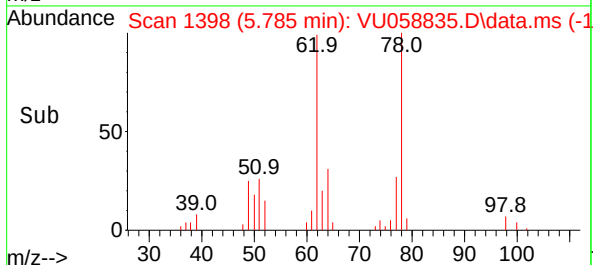
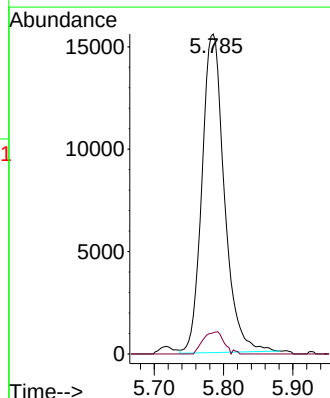
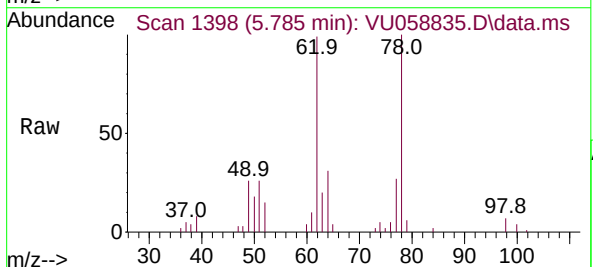
Acq: 06 May 2024 16:01

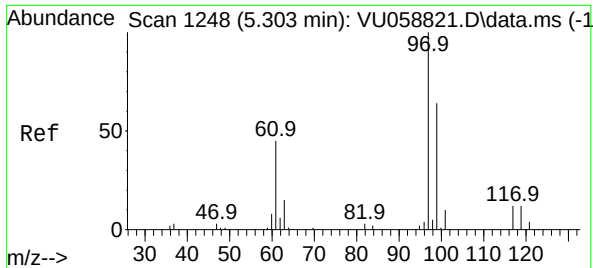
Tgt Ion: 62 Resp: 34911

Ion Ratio Lower Upper

62 100

98 6.6 6.7 10.1#

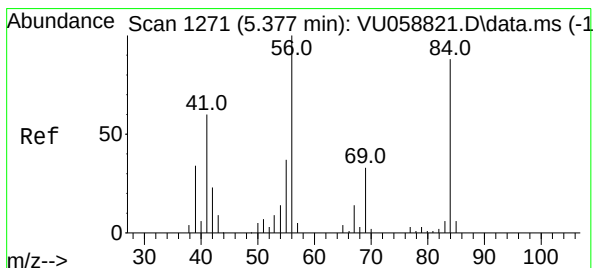
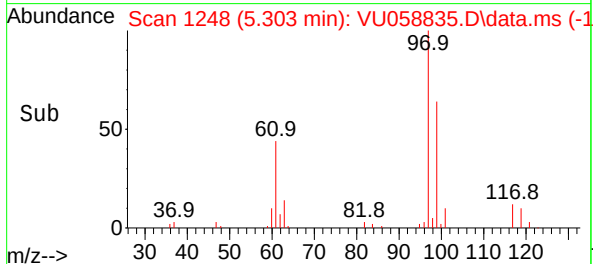
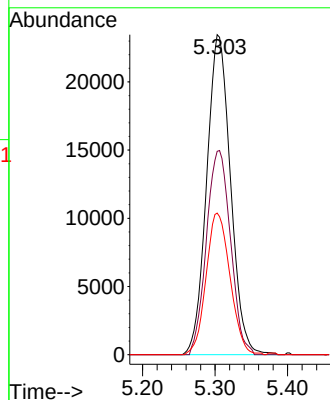
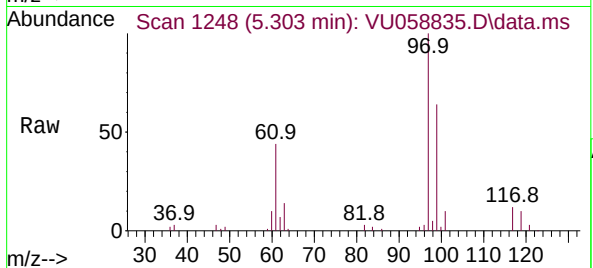




#29
1,1,1-Trichloroethane
Concen: 5.810 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

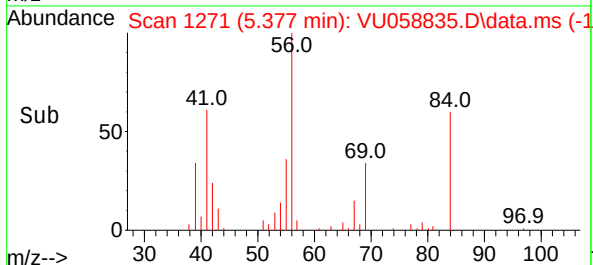
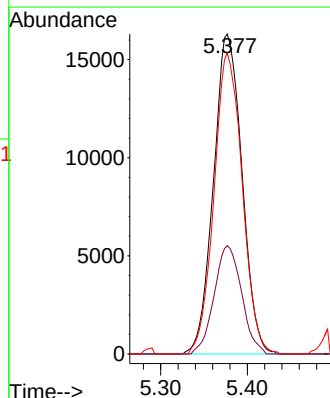
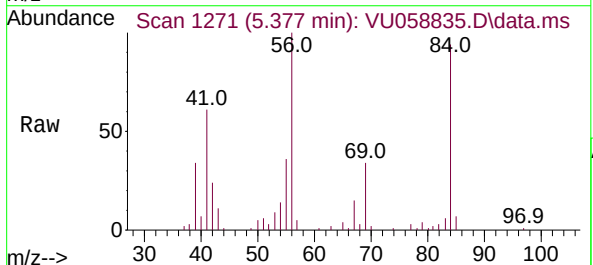
Instrument :
MSVOA_U
ClientSampleId :

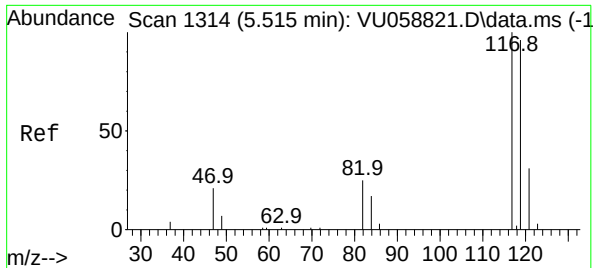
Tgt Ion: 97 Resp: 53658
Ion Ratio Lower Upper
97 100
99 64.3 50.5 75.7
61 44.4 37.3 55.9



#30
Cyclohexane
Concen: 4.274 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

Tgt Ion: 56 Resp: 37260
Ion Ratio Lower Upper
56 100
69 32.6 23.7 35.5
84 93.0 64.2 96.4

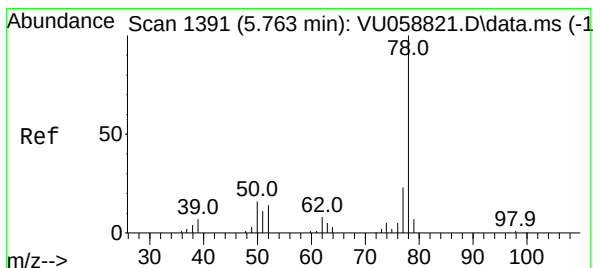
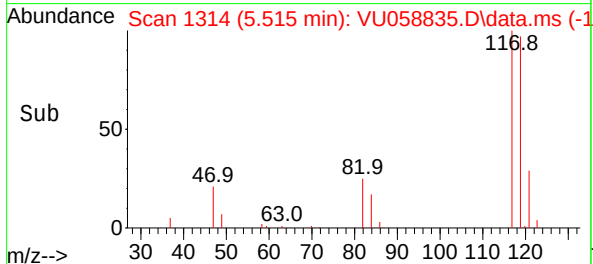
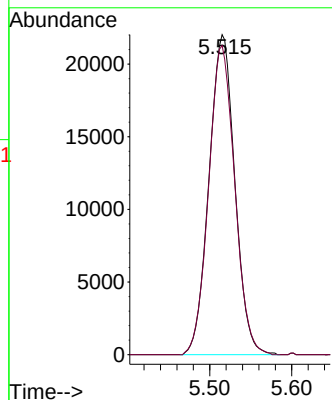
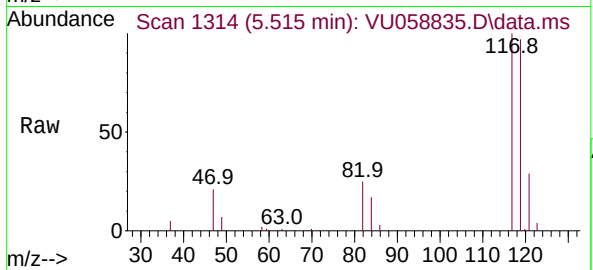




#31
Carbon tetrachloride
Concen: 5.913 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

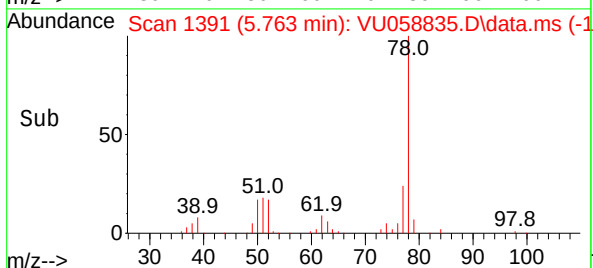
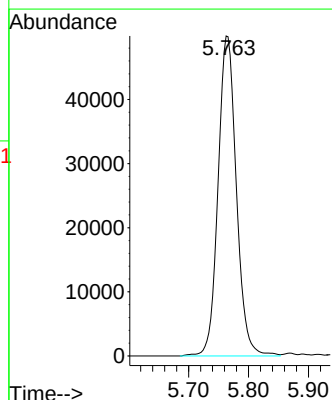
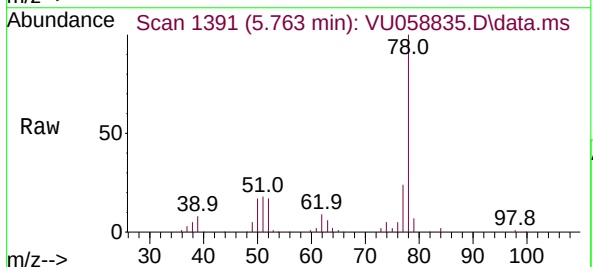
Instrument :
MSVOA_U
ClientSampleId :

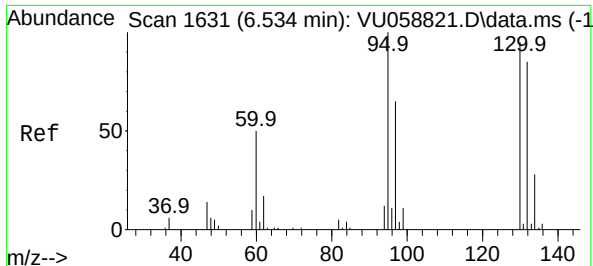
Tgt Ion:117 Resp: 48271
Ion Ratio Lower Upper
117 100
119 97.5 77.0 115.4



#33
Benzene
Concen: 4.931 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

Tgt Ion: 78 Resp: 105576





#34

Trichloroethene

Concen: 5.062 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

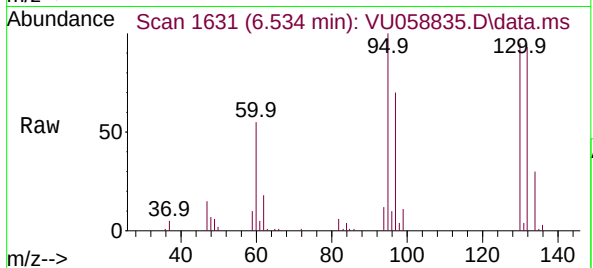
Lab File: VU058835.D

Acq: 06 May 2024 16:01

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 29491

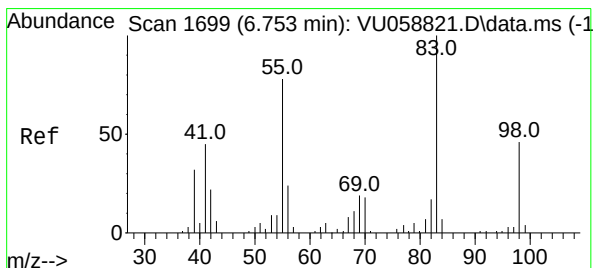
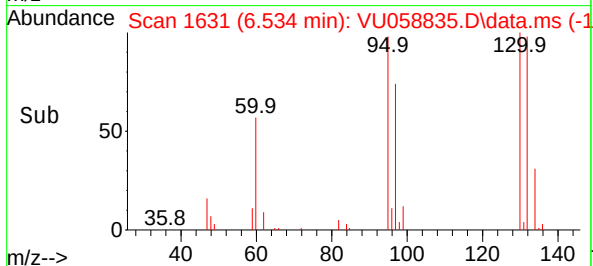
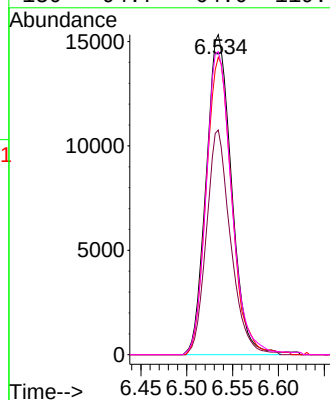
Ion Ratio Lower Upper

95 100

97 70.2 44.4 82.4

132 93.0 61.6 114.4

130 94.7 64.0 119.0



#35

Methylcyclohexane

Concen: 4.681 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU058835.D

Acq: 06 May 2024 16:01

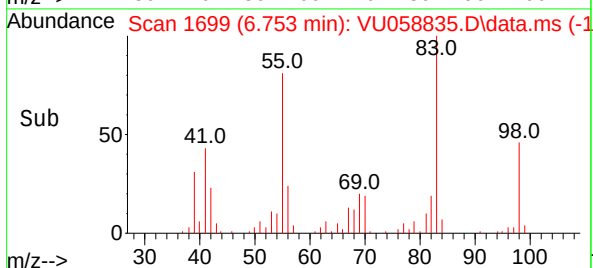
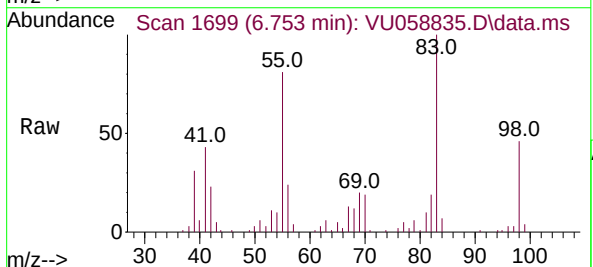
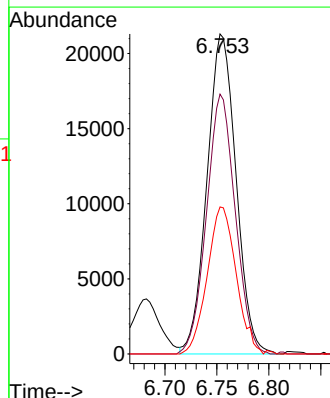
Tgt Ion: 83 Resp: 41437

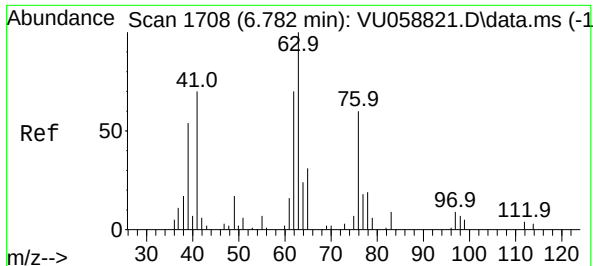
Ion Ratio Lower Upper

83 100

55 80.2 66.6 100.0

98 45.6 35.4 53.2

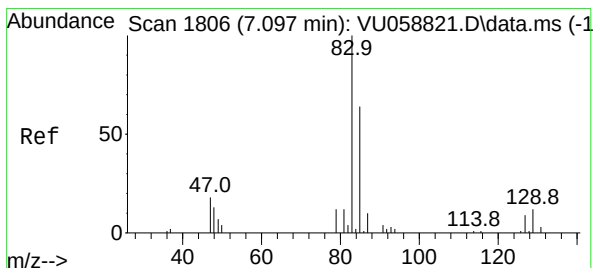
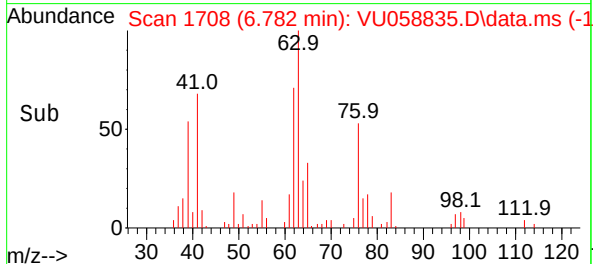
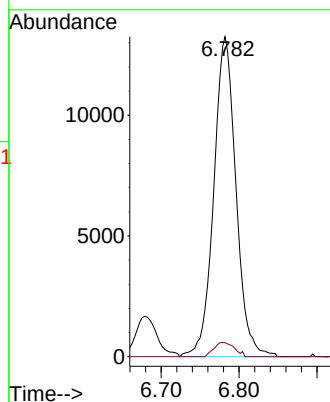
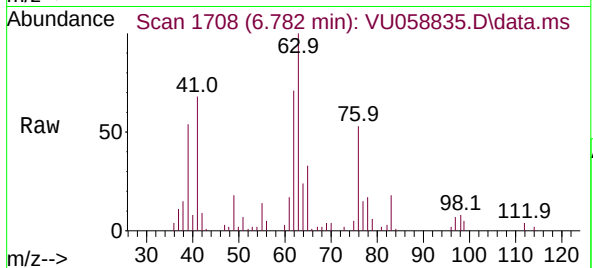




#37
1,2-Dichloropropane
Concen: 4.691 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

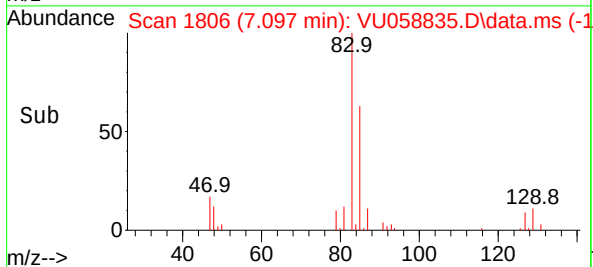
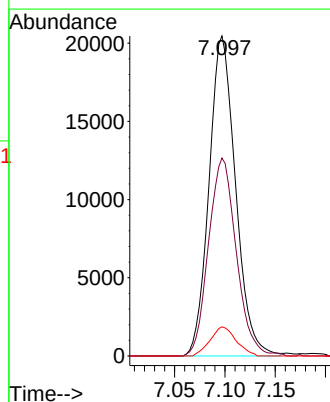
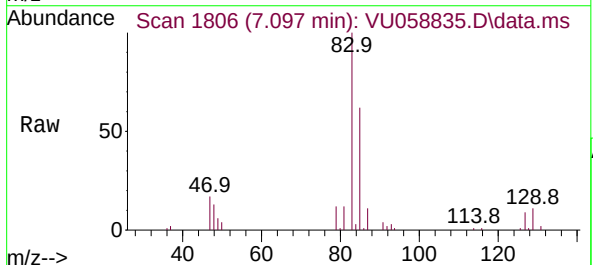
Instrument :
MSVOA_U
ClientSampleId :

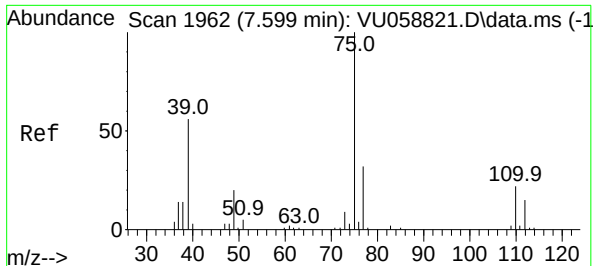
Tgt Ion: 63 Resp: 26233
Ion Ratio Lower Upper
63 100
112 4.1 2.8 4.2



#38
Bromodichloromethane
Concen: 5.413 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

Tgt Ion: 83 Resp: 37502
Ion Ratio Lower Upper
83 100
85 61.9 45.2 84.0
127 9.1 6.3 9.5

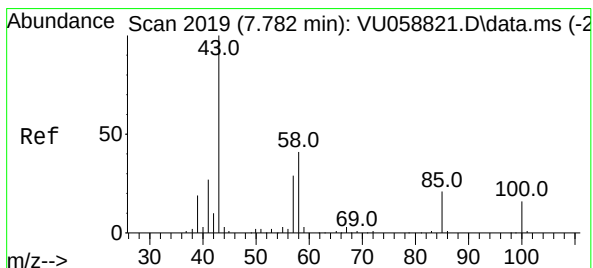
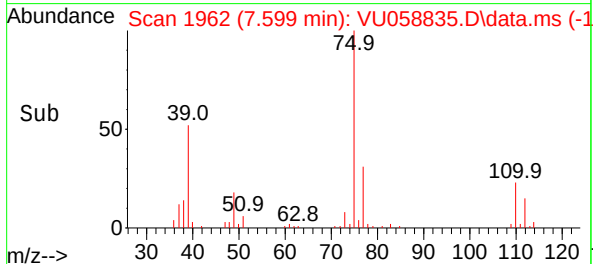
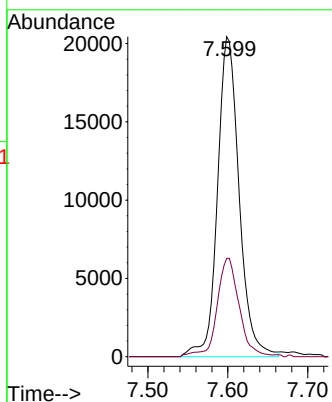
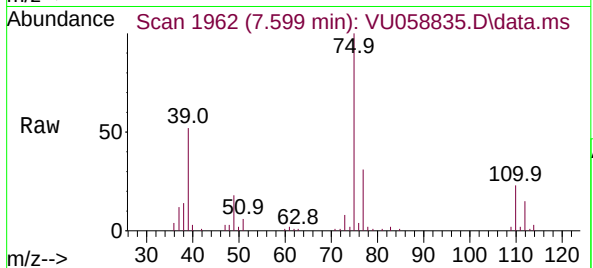




#39
 cis-1,3-Dichloropropene
 Concen: 4.951 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU058835.D
 Acq: 06 May 2024 16:01

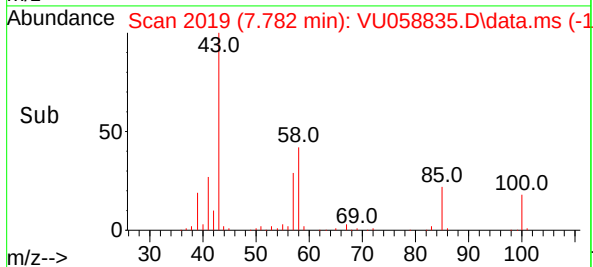
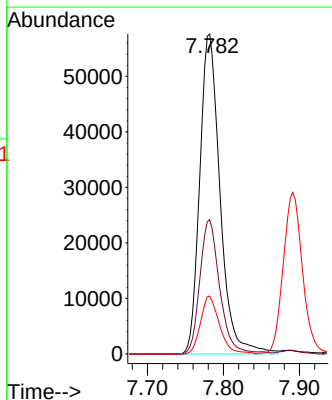
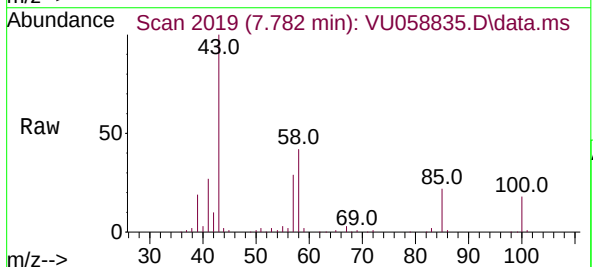
Instrument :
 MSVOA_U
 ClientSampleId :

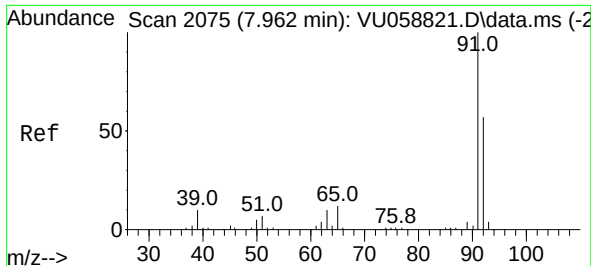
Tgt Ion: 75 Resp: 38330
 Ion Ratio Lower Upper
 75 100
 77 30.7 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 43.389 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU058835.D
 Acq: 06 May 2024 16:01

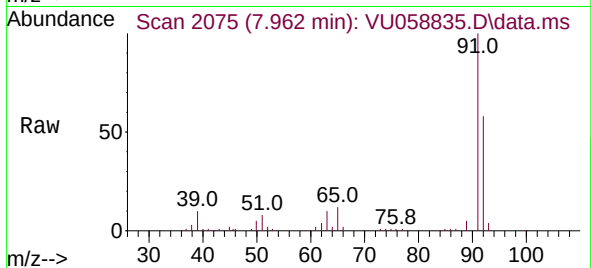
Tgt Ion: 43 Resp: 107100
 Ion Ratio Lower Upper
 43 100
 58 40.6 31.5 47.3
 100 16.7 11.4 17.0



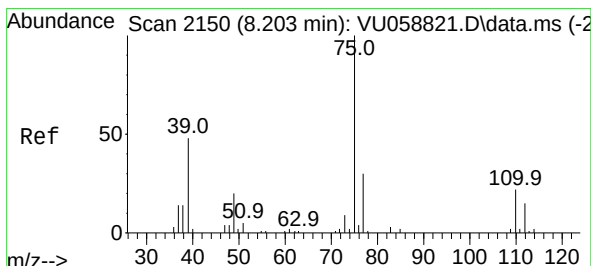
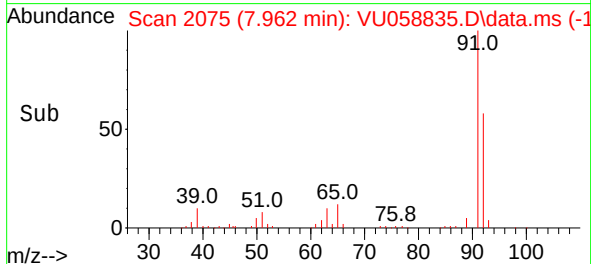
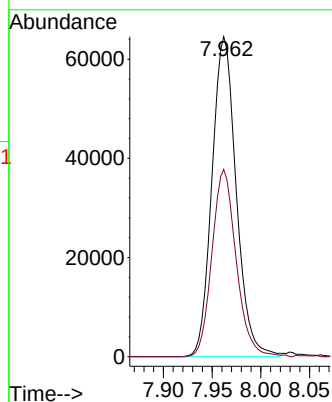


#42
Toluene
Concen: 5.058 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

Instrument :
MSVOA_U
ClientSampleId :

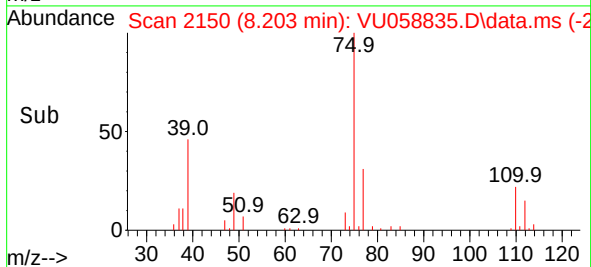
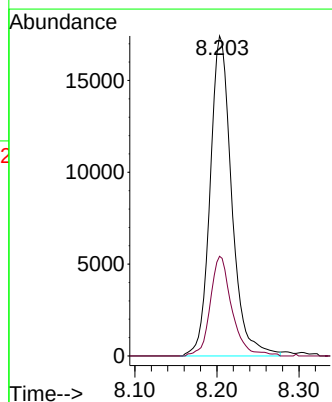
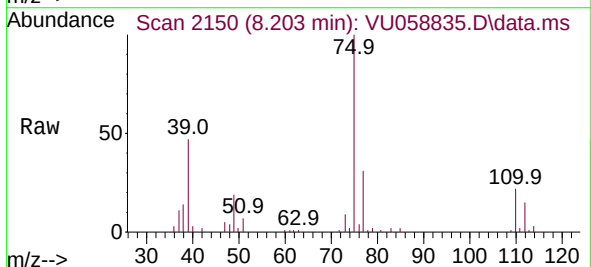


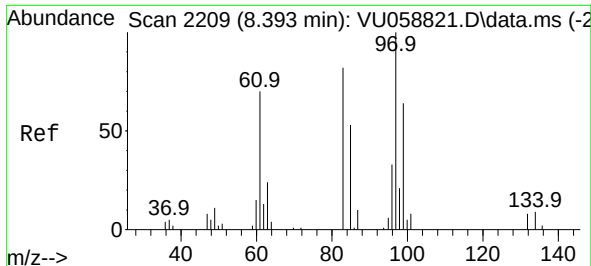
Tgt Ion: 91 Resp: 111916
Ion Ratio Lower Upper
91 100
92 58.5 40.0 74.2



#44
trans-1,3-Dichloropropene
Concen: 5.351 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. -0.000 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

Tgt Ion: 75 Resp: 31897
Ion Ratio Lower Upper
75 100
77 31.1 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 5.263 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VU058835.D

Acq: 06 May 2024 16:01

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 16934

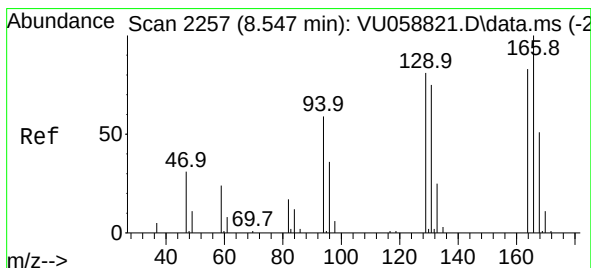
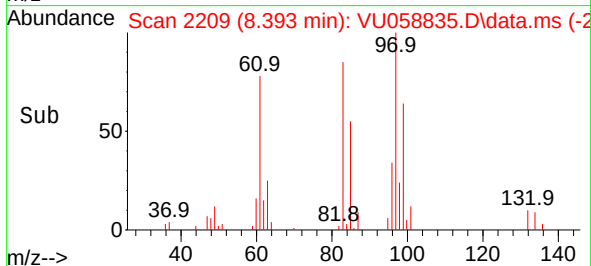
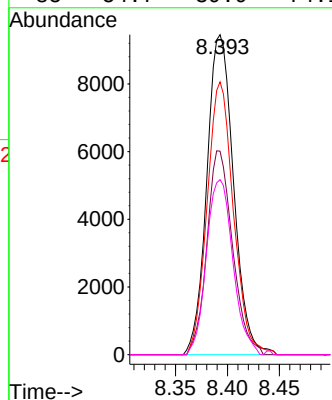
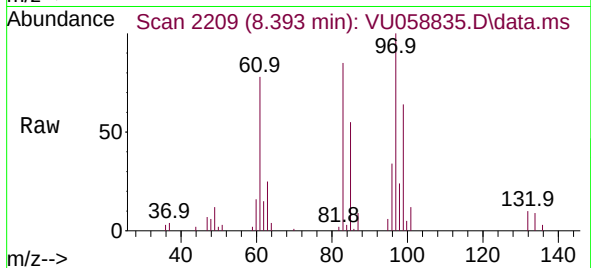
Ion Ratio Lower Upper

97 100

99 63.6 43.7 81.1

83 85.3 62.9 116.9

85 54.7 39.9 74.1



#47

Tetrachloroethene

Concen: 8.379 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU058835.D

Acq: 06 May 2024 16:01

Tgt Ion:164 Resp: 34259

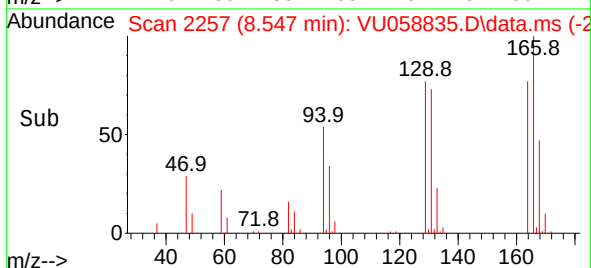
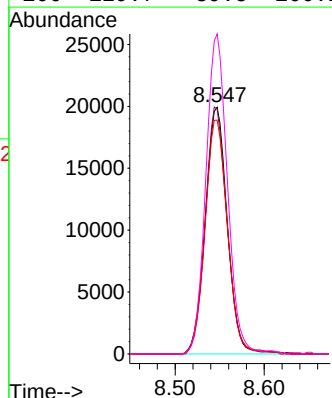
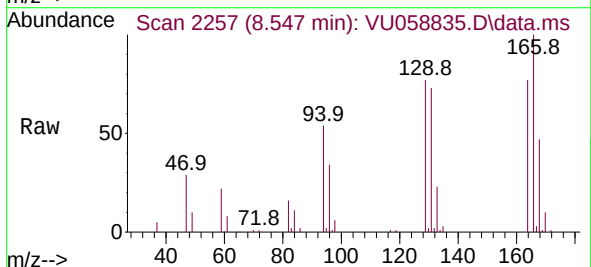
Ion Ratio Lower Upper

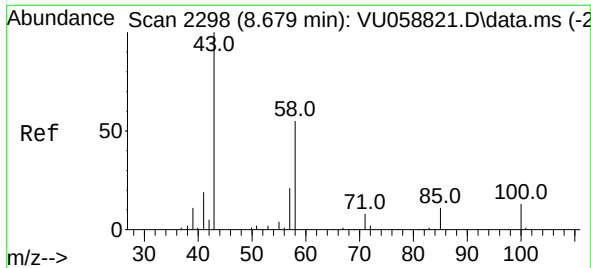
164 100

129 99.3 71.5 132.9

131 94.8 65.0 120.6

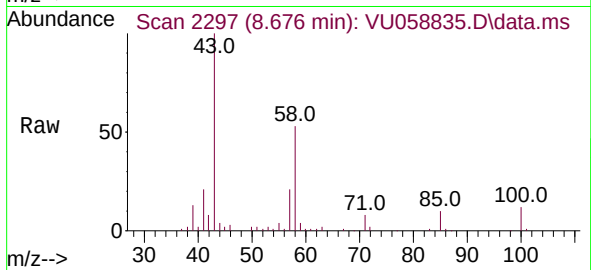
166 129.7 89.5 166.1





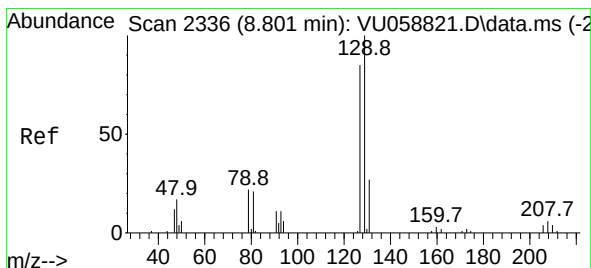
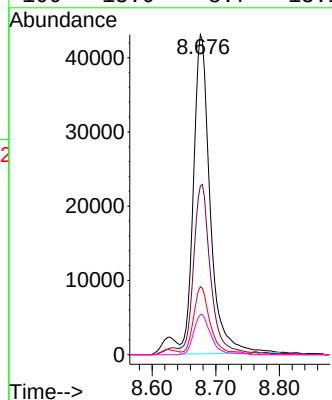
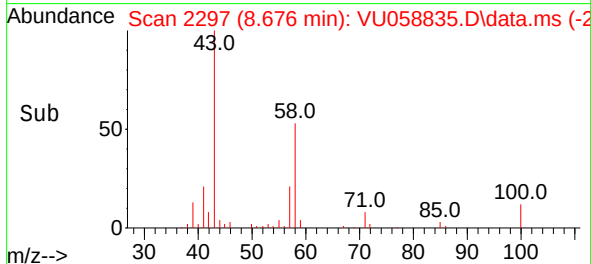
#48
2-Hexanone
Concen: 44.582 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.003 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 78171

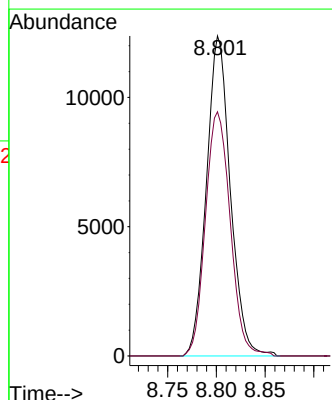
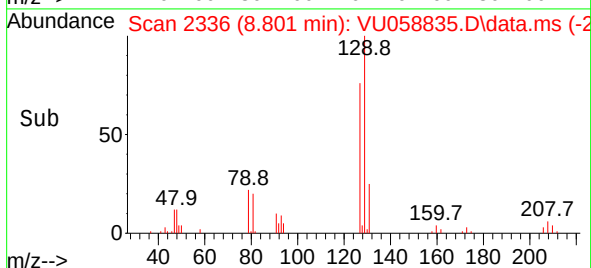
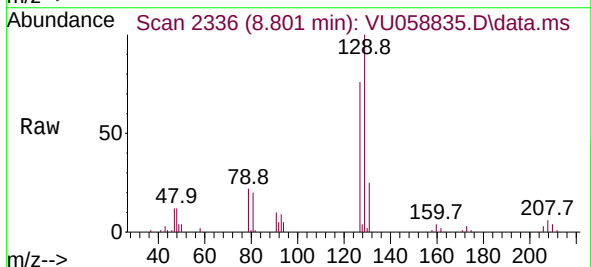
Ion	Ratio	Lower	Upper
43	100		
58	53.3	43.7	65.5
57	20.9	15.0	22.4
100	13.0	8.7	13.1

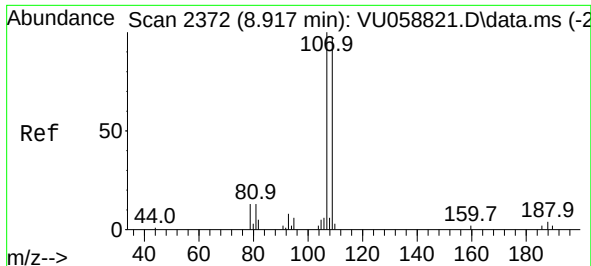


#49
Dibromochloromethane
Concen: 5.621 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

Tgt Ion: 129 Resp: 21184

Ion	Ratio	Lower	Upper
129	100		
127	76.3	51.0	94.8





#50

1,2-Dibromoethane

Concen: 5.041 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

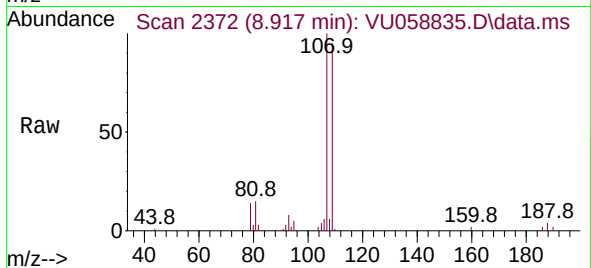
Lab File: VU058835.D

Acq: 06 May 2024 16:01

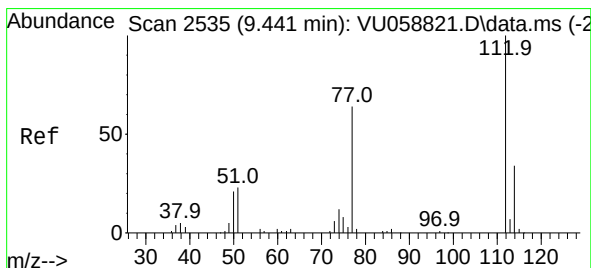
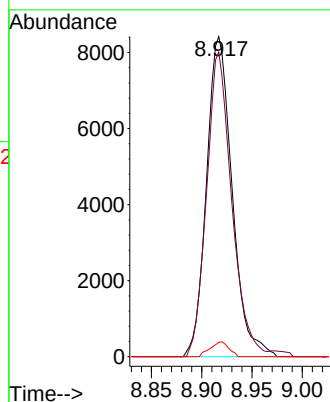
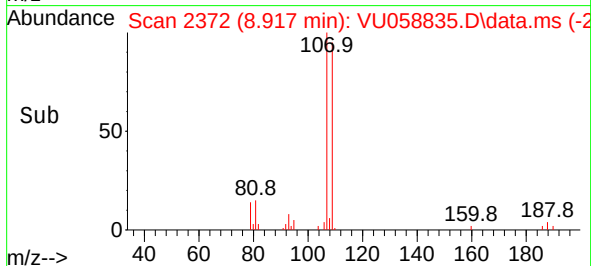
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	14925
Ion Ratio	Lower	Upper	
107	100		
109	95.2	62.3	115.7
188	4.4	2.9	4.3#



#51

Chlorobenzene

Concen: 5.151 ug/L

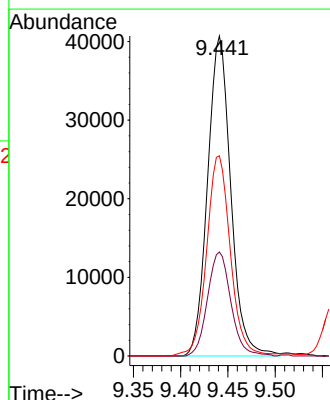
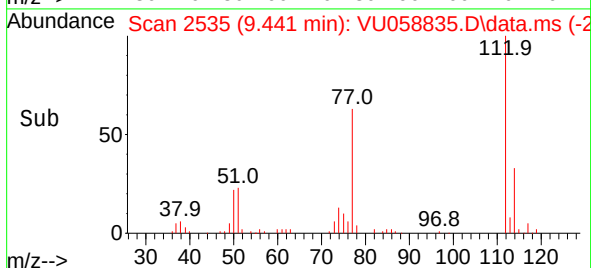
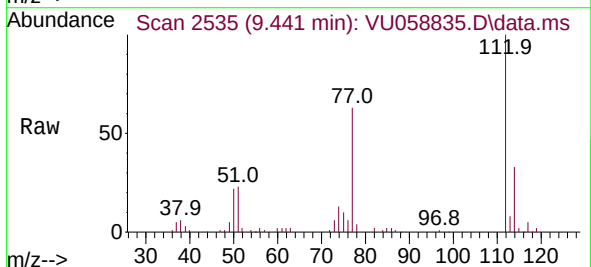
RT: 9.441 min Scan# 2535

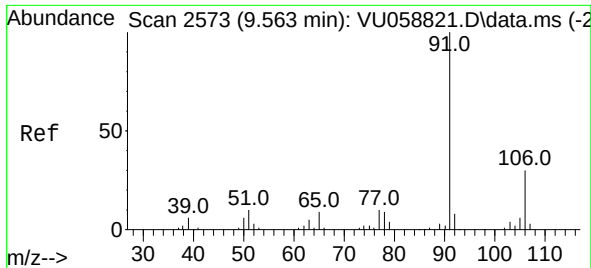
Delta R.T. -0.000 min

Lab File: VU058835.D

Acq: 06 May 2024 16:01

Tgt Ion:	112	Resp:	69437
Ion Ratio	Lower	Upper	
112	100		
114	32.5	21.7	40.3
77	62.6	50.5	75.7

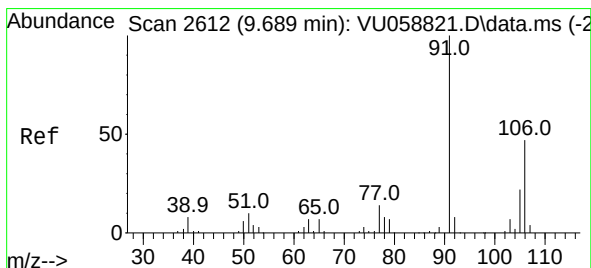
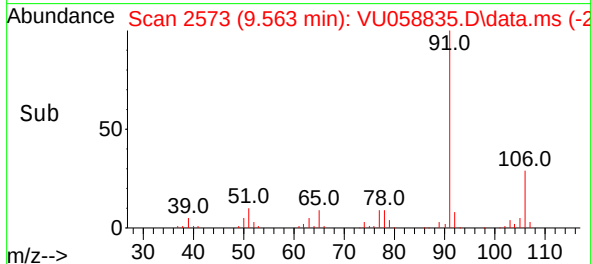
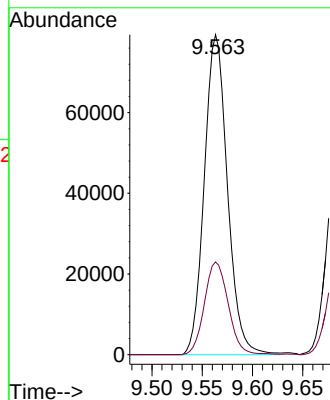
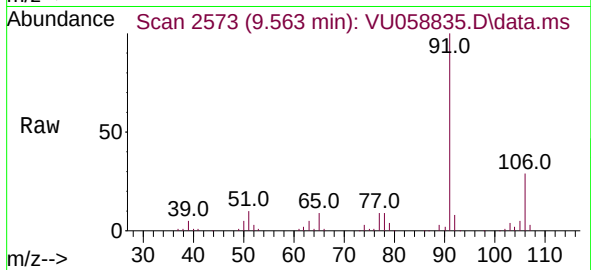




#52
Ethylbenzene
Concen: 5.207 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

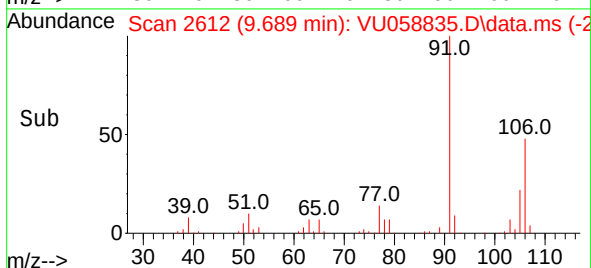
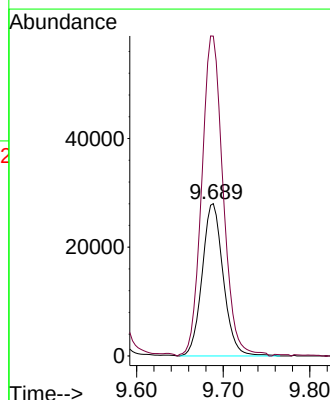
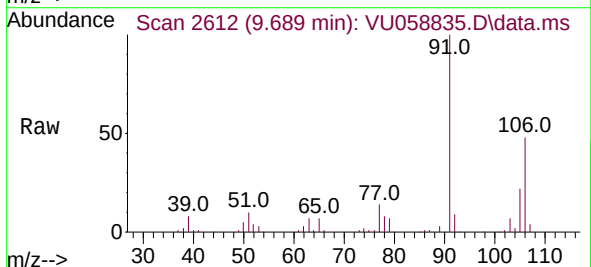
Instrument :
MSVOA_U
ClientSampleId :

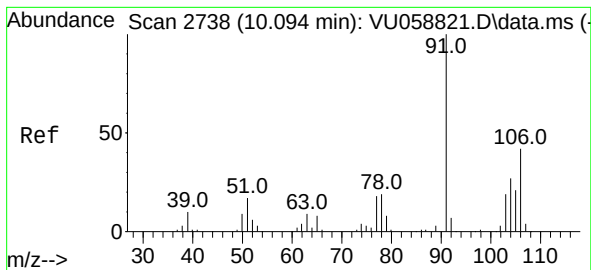
Tgt Ion: 91 Resp: 127064
Ion Ratio Lower Upper
91 100
106 29.0 20.9 38.9



#53
m,p-Xylene
Concen: 5.290 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

Tgt Ion:106 Resp: 47417
Ion Ratio Lower Upper
106 100
91 210.0 155.1 288.1





#54

o-Xylene

Concen: 5.369 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU058835.D

Acq: 06 May 2024 16:01

Instrument :

MSVOA_U

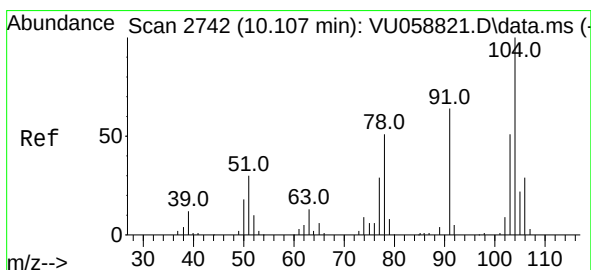
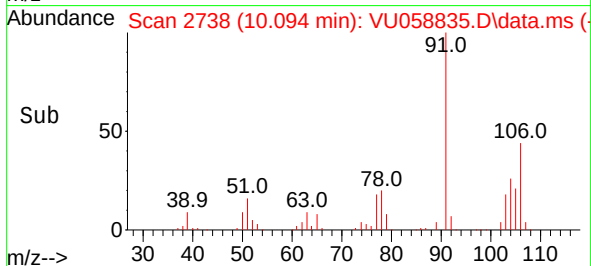
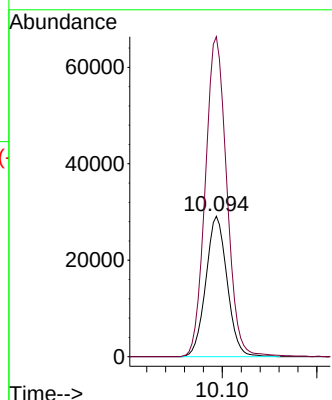
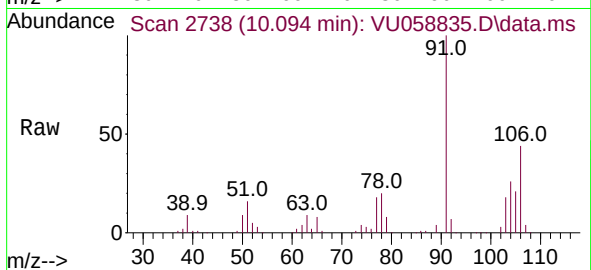
ClientSampleId :

Tgt Ion:106 Resp: 45623

Ion Ratio Lower Upper

106 100

91 227.9 163.7 304.1



#55

Styrene

Concen: 5.433 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU058835.D

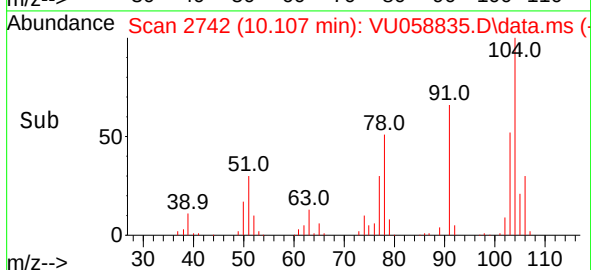
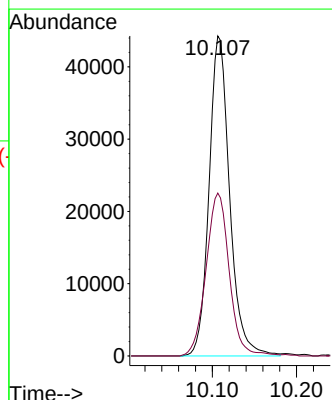
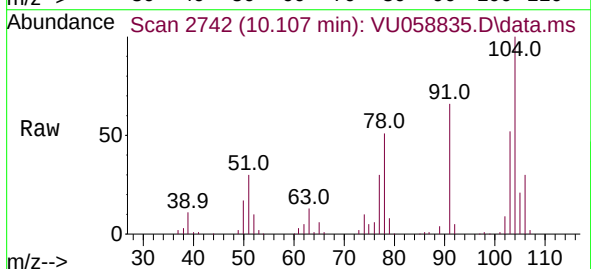
Acq: 06 May 2024 16:01

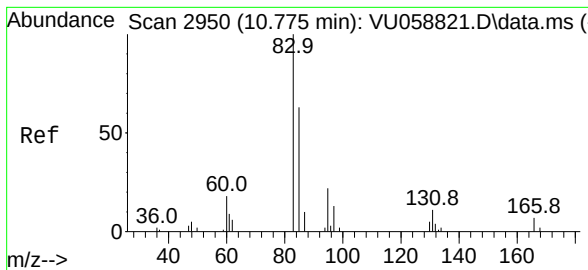
Tgt Ion:104 Resp: 75204

Ion Ratio Lower Upper

104 100

78 50.9 37.1 68.9

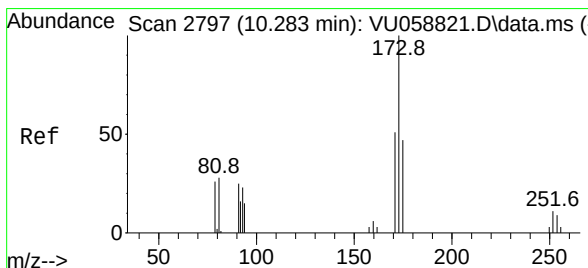
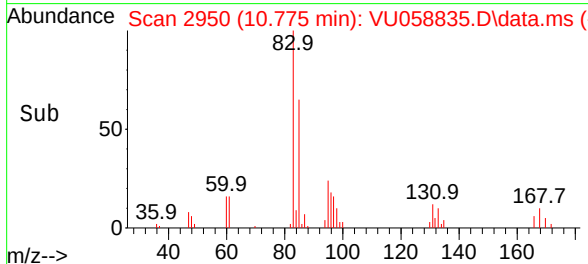
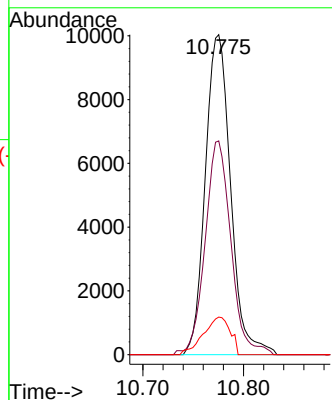
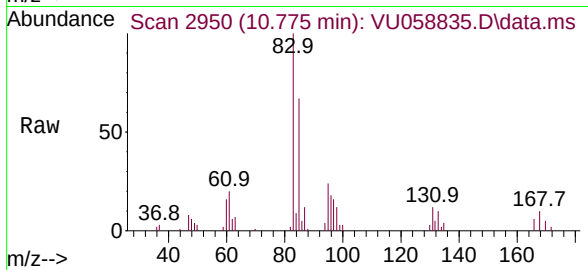




#57
1,1,2,2-Tetrachloroethane
Concen: 4.680 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

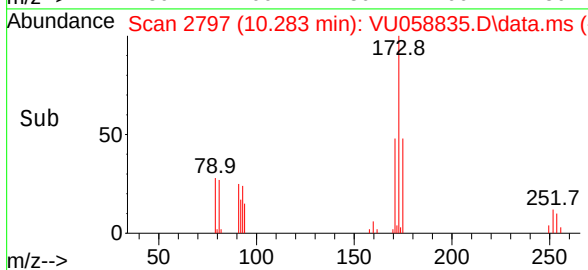
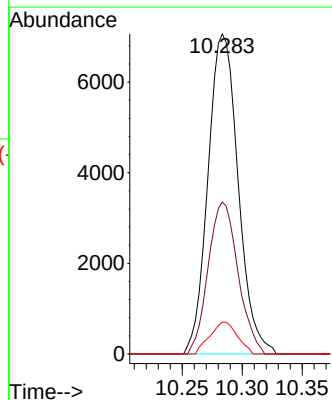
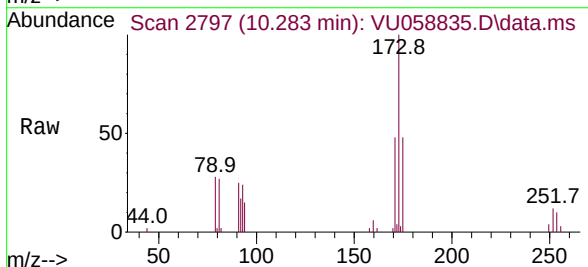
Instrument :
MSVOA_U
ClientSampleId :

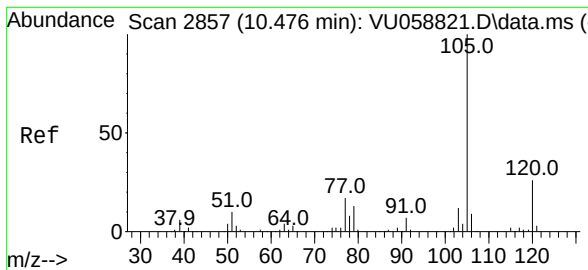
Tgt Ion: 83 Resp: 17551
Ion Ratio Lower Upper
83 100
85 66.8 44.6 82.8
131 11.8 6.7 10.1#



#59
Bromoform
Concen: 5.392 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

Tgt Ion:173 Resp: 12341
Ion Ratio Lower Upper
173 100
175 46.8 39.3 58.9
254 9.0 7.5 11.3





#60

Isopropylbenzene

Concen: 5.012 ug/L

RT: 10.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU058835.D

Acq: 06 May 2024 16:01

Instrument :

MSVOA_U

ClientSampleId :

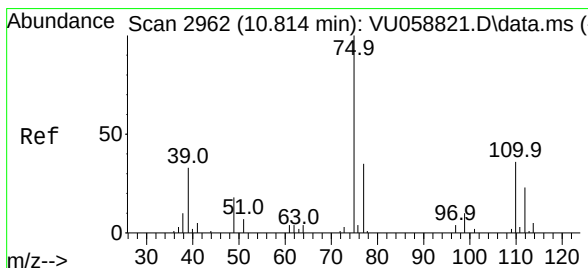
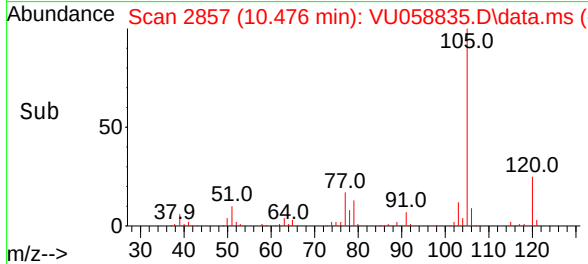
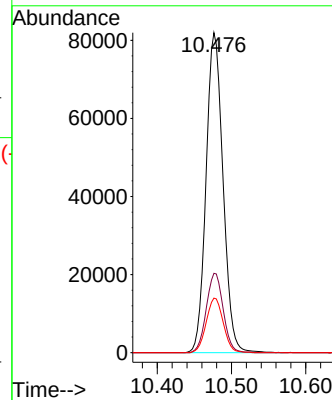
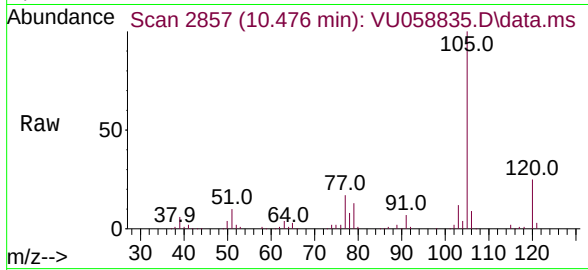
Tgt Ion:105 Resp: 129928

Ion Ratio Lower Upper

105 100

120 24.8 19.6 29.4

77 17.1 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 4.618 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU058835.D

Acq: 06 May 2024 16:01

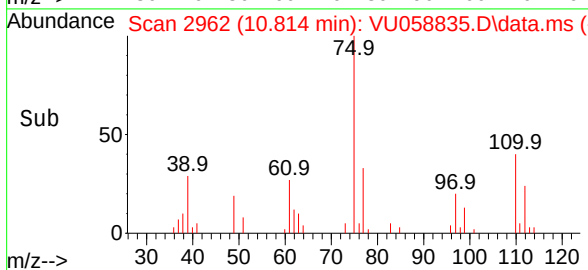
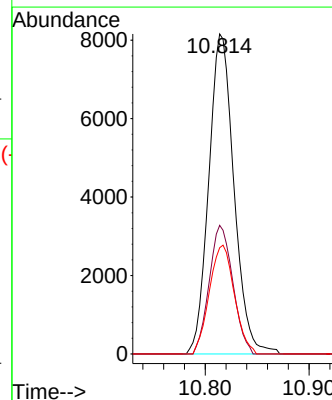
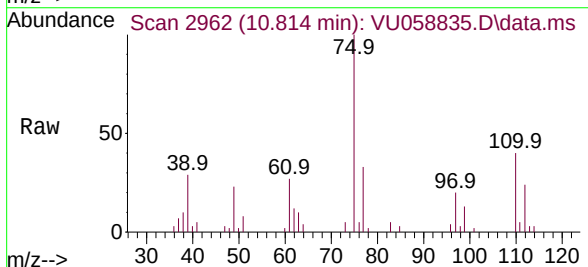
Tgt Ion: 75 Resp: 13735

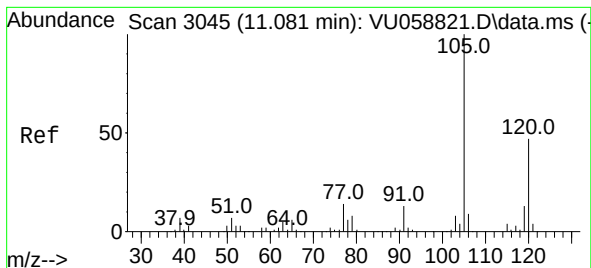
Ion Ratio Lower Upper

75 100

110 37.6 28.6 43.0

77 33.7 25.4 38.2

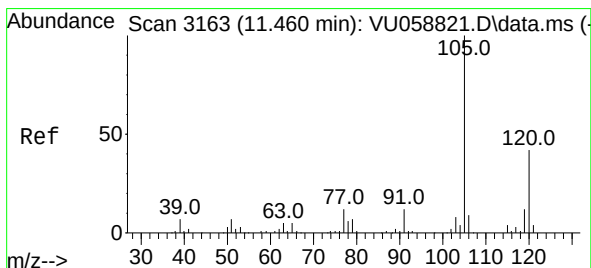
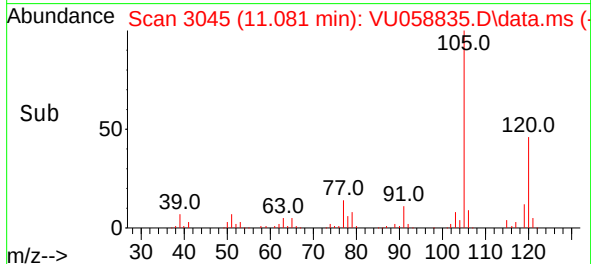
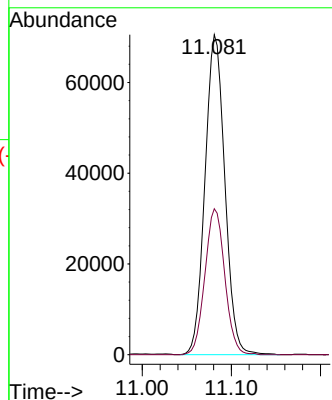
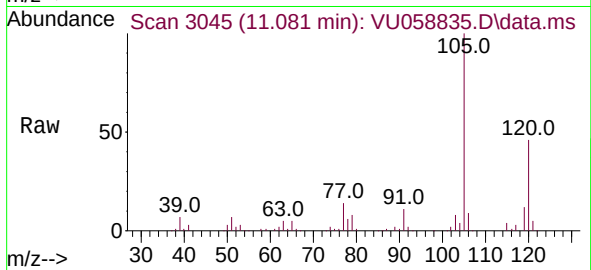




#62
1,3,5-Trimethylbenzene
Concen: 5.053 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

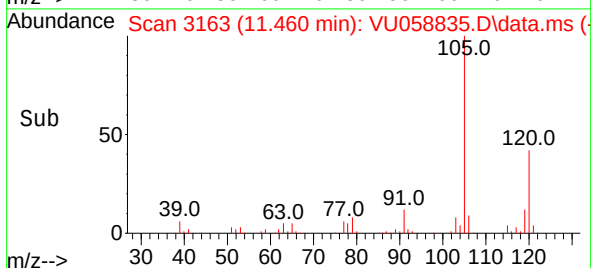
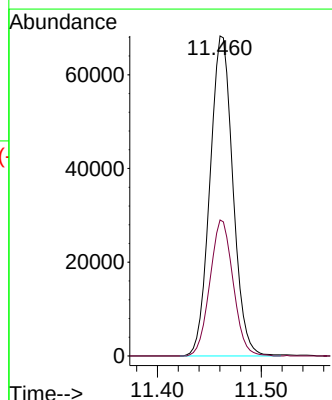
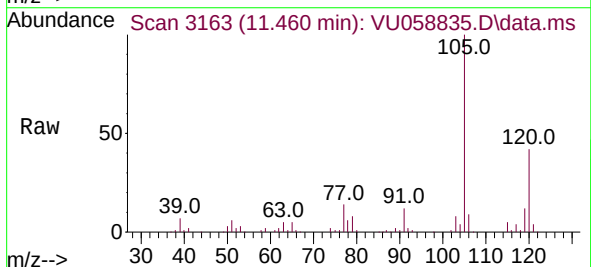
Instrument :
MSVOA_U
ClientSampleId :

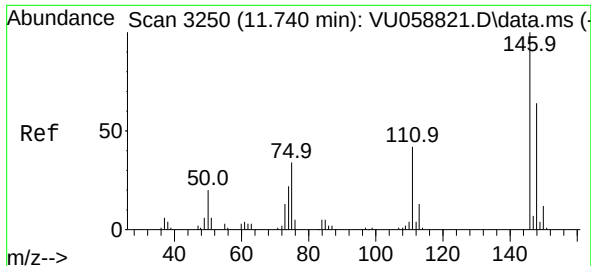
Tgt Ion:105 Resp: 109003
Ion Ratio Lower Upper
105 100
120 45.6 36.2 54.4



#63
1,2,4-Trimethylbenzene
Concen: 5.140 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU058835.D
Acq: 06 May 2024 16:01

Tgt Ion:105 Resp: 104916
Ion Ratio Lower Upper
105 100
120 42.9 33.4 50.0





#64

1,3-Dichlorobenzene

Concen: 4.928 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

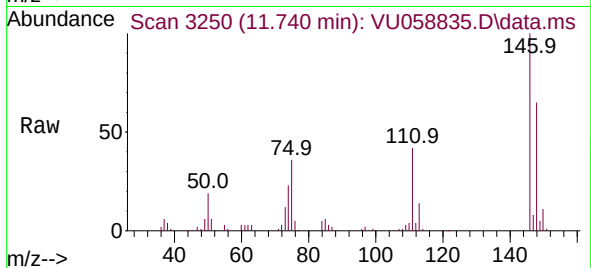
Lab File: VU058835.D

Acq: 06 May 2024 16:01

Instrument :

MSVOA_U

ClientSampleId :



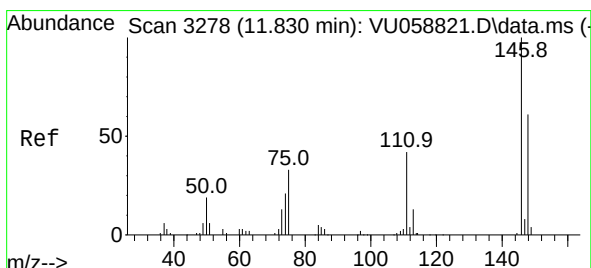
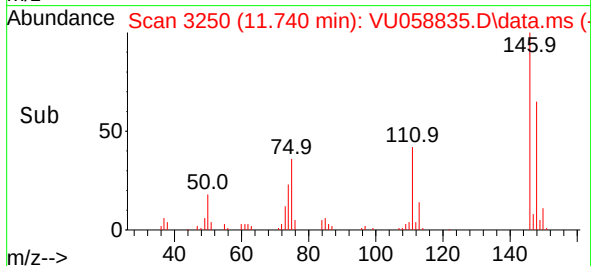
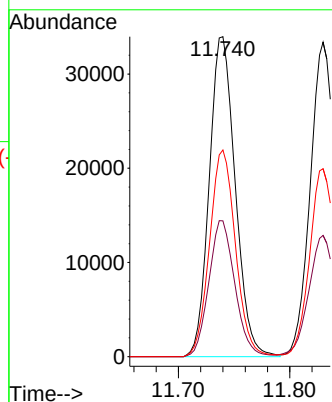
Tgt Ion:146 Resp: 55052

Ion Ratio Lower Upper

146 100

111 42.5 30.9 57.3

148 64.6 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 4.945 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU058835.D

Acq: 06 May 2024 16:01

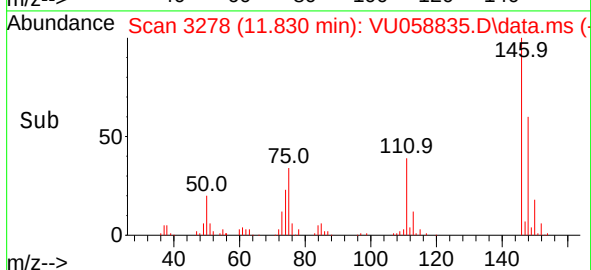
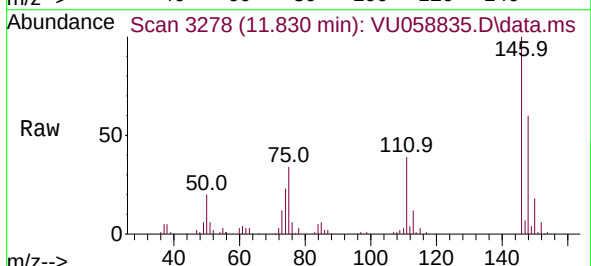
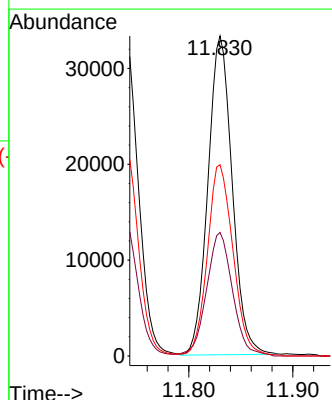
Tgt Ion:146 Resp: 53903

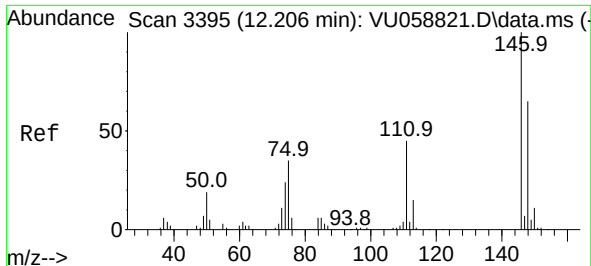
Ion Ratio Lower Upper

146 100

111 38.6 29.3 54.3

148 59.8 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.114 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU058835.D

Acq: 06 May 2024 16:01

Instrument :

MSVOA_U

ClientSampleId :

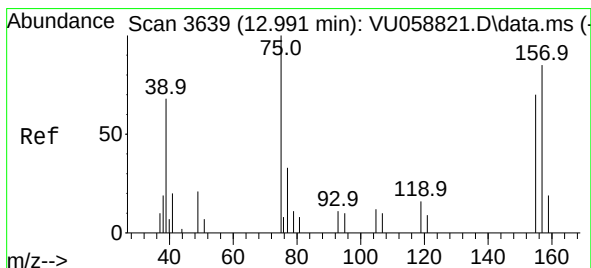
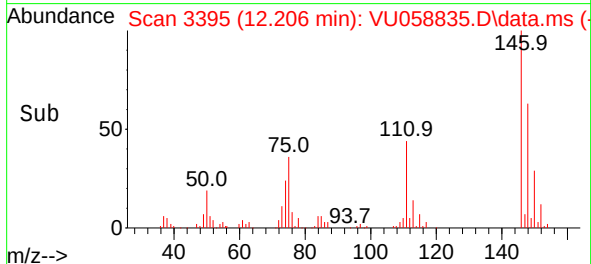
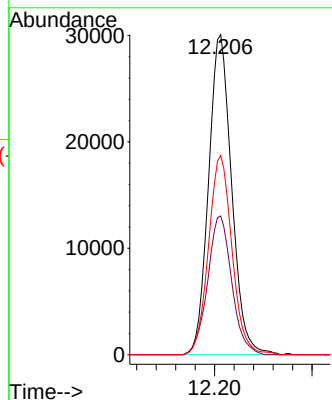
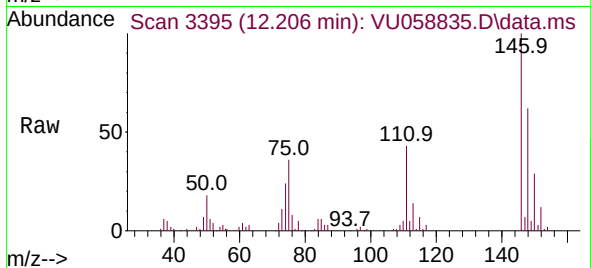
Tgt Ion:146 Resp: 49460

Ion Ratio Lower Upper

146 100

111 43.3 35.7 53.5

148 62.3 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.878 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU058835.D

Acq: 06 May 2024 16:01

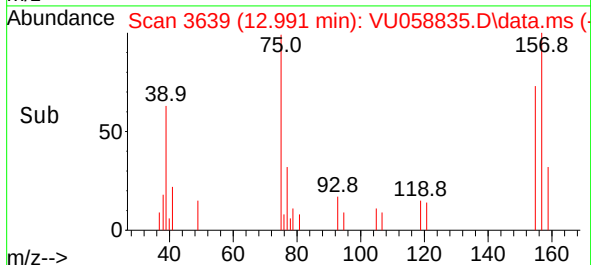
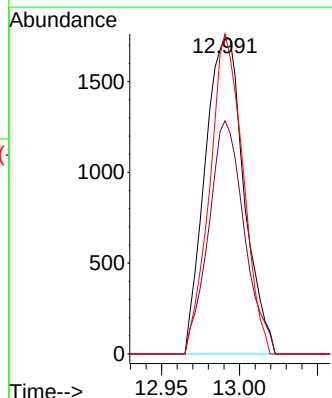
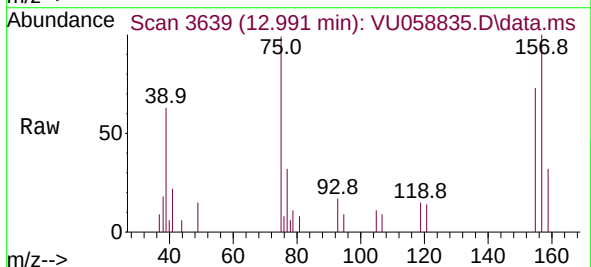
Tgt Ion: 75 Resp: 3021

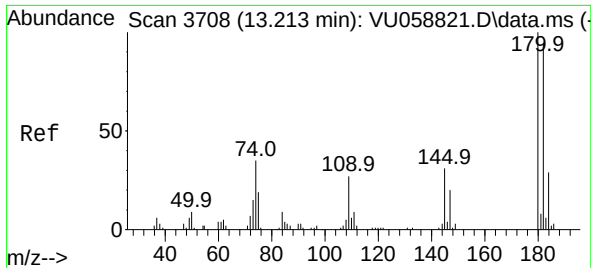
Ion Ratio Lower Upper

75 100

155 73.5 53.6 80.4

157 100.9 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 5.223 ug/L

RT: 13.213 min Scan# 31

Delta R.T. -0.000 min

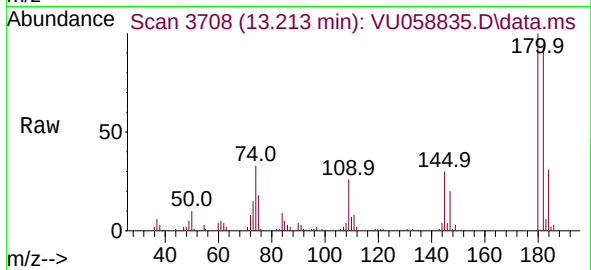
Lab File: VU058835.D

Acq: 06 May 2024 16:01

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 41745

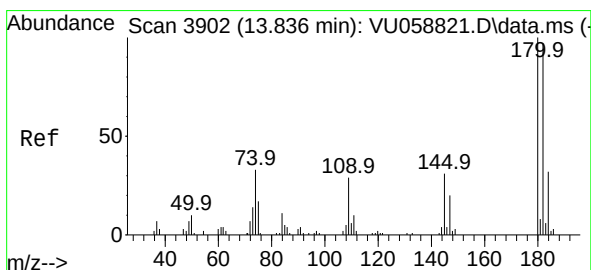
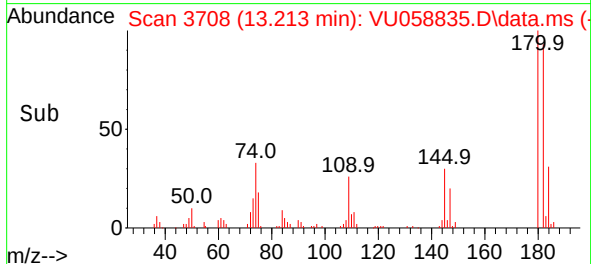
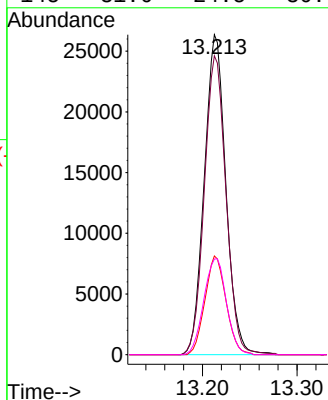
Ion Ratio Lower Upper

180 100

182 93.9 75.9 113.9

184 30.2 24.7 37.1

145 31.6 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.915 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU058835.D

Acq: 06 May 2024 16:01

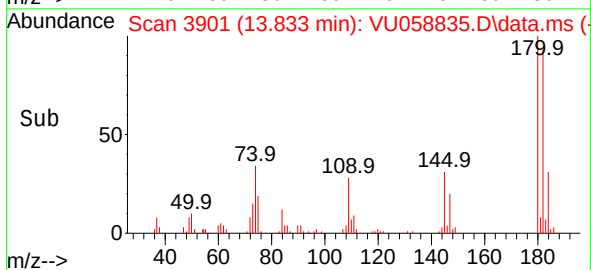
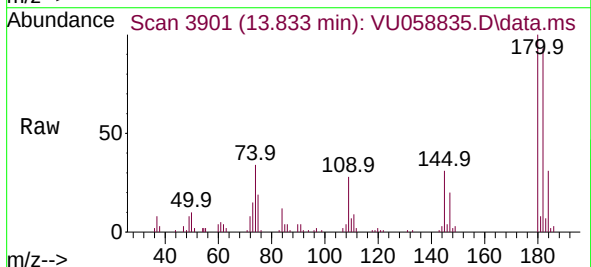
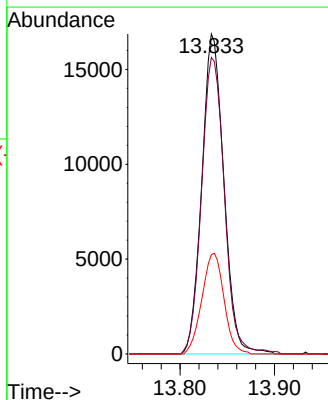
Tgt Ion:180 Resp: 27310

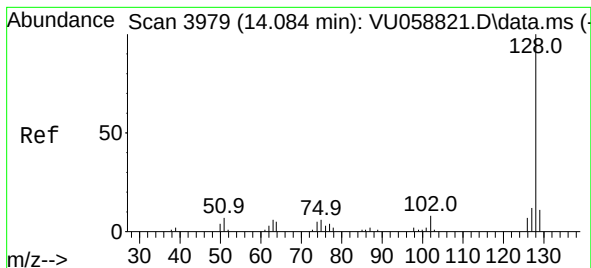
Ion Ratio Lower Upper

180 100

182 95.2 75.9 113.9

145 31.5 25.7 38.5





#71

Naphthalene

Concen: 4.272 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU058835.D

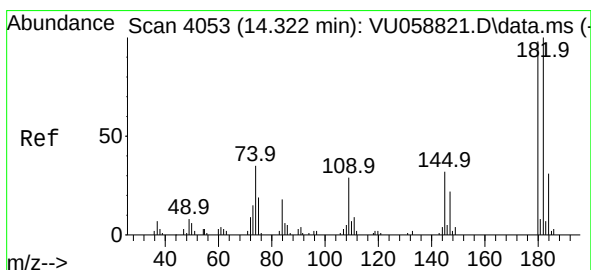
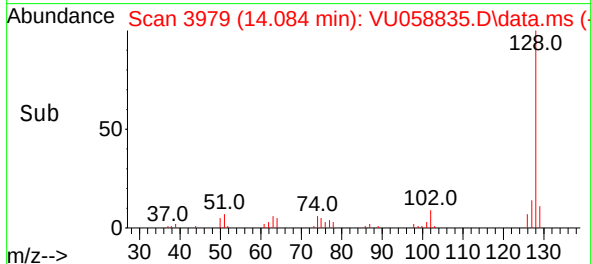
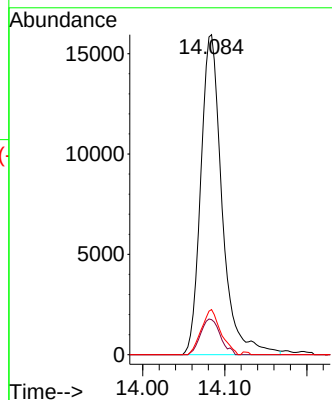
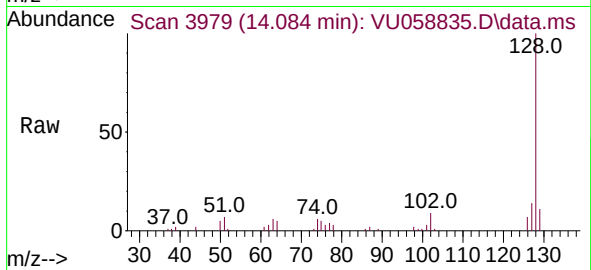
Acq: 06 May 2024 16:01

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	28718
Ion Ratio	Lower	Upper
128	100	
129	10.3	8.2 12.4
127	12.8	10.8 16.2



#72

1,2,3-Trichlorobenzene

Concen: 4.961 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU058835.D

Acq: 06 May 2024 16:01

Tgt Ion:180	Resp:	21845
Ion Ratio	Lower	Upper
180	100	
182	95.7	75.0 112.6
145	34.8	27.6 41.4

