

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050624\
 Data File : VU058821.D
 Acq On : 06 May 2024 08:57
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 01:03:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 30 06:10:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	69009	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	65487	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	32824	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	17799	3.279	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.904	69	13693	3.348	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.000%
11) 1,1-Dichloroethene-d2	2.557	65	10836	3.965	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.628	46	41702	43.727	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.460%
24) Chloroform-d	5.049	84	55425	4.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.692	65	27840	5.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.718	84	93980	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.679	67	25677	4.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.891	98	85743	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.174	79	10313	4.556	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.628	63	29692	44.267	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.540%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	16841	4.447	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	27855	4.869	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.374	85	42231	5.588	ug/L	98
3) Chloromethane	1.512	50	23154	3.914	ug/L	97
5) Vinyl chloride	1.596	62	24416	4.068	ug/L	98
6) Bromomethane	1.850	94	16337	4.599	ug/L	97
8) Chloroethane	1.924	64	14170	4.191	ug/L	97
9) Trichlorofluoromethane	2.129	101	52794	5.619	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	29891	5.338	ug/L	94
12) 1,1-Dichloroethene	2.570	96	25730	5.120	ug/L	93
13) Acetone	2.641	43	32805	49.769	ug/L	97
14) Carbon disulfide	2.782	76	80629	4.717	ug/L	99
15) Methyl Acetate	2.953	43	7529	4.764	ug/L	100
16) Methylene chloride	3.033	84	26391	4.880	ug/L	93
17) Methyl tert-butyl Ether	3.351	73	58348	5.129	ug/L	98
18) trans-1,2-Dichloroethene	3.342	96	26479	5.260	ug/L	98
19) 1,1-Dichloroethane	3.856	63	52646	4.939	ug/L	98
21) 2-Butanone	4.705	43	44155	42.600	ug/L	92
22) cis-1,2-Dichloroethene	4.653	96	28154	5.091	ug/L	97
23) Bromochloromethane	4.962	128	11726	5.416	ug/L	87
25) Chloroform	5.075	83	61384	5.540	ug/L	96

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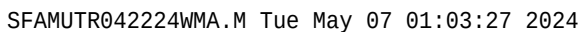
Instrument :
 MSVOA_U
 ClientSampleId :

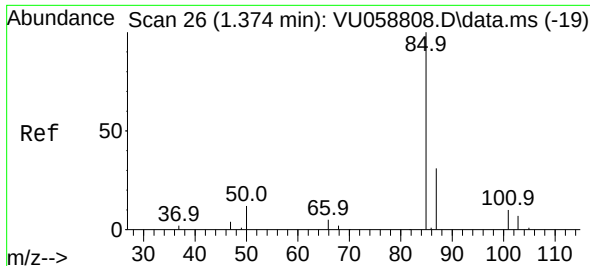
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	37222	5.615	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	57726	5.906	ug/L	98
30) Cyclohexane	5.377	56	41605	4.509	ug/L	91
31) Carbon tetrachloride	5.515	117	53211	6.159	ug/L	98
33) Benzene	5.763	78	114702	5.063	ug/L	100
34) Trichloroethene	6.534	95	33061	5.363	ug/L	97
35) Methylcyclohexane	6.753	83	47551	5.075	ug/L	95
37) 1,2-Dichloropropane	6.782	63	27570	4.658	ug/L	99
38) Bromodichloromethane	7.097	83	40866	5.574	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	40897	4.991	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	114908	43.988	ug/L	98
42) Toluene	7.962	91	123931	5.293	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	34096	5.405	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	18011	5.289	ug/L	94
47) Tetrachloroethene	8.547	164	25121	5.806	ug/L	96
48) 2-Hexanone	8.679	43	80810	43.548	ug/L	97
49) Dibromochloromethane	8.801	129	22657	5.681	ug/L	85
50) 1,2-Dibromoethane	8.917	107	15784	5.038	ug/L	92
51) Chlorobenzene	9.441	112	75568	5.297	ug/L	97
52) Ethylbenzene	9.563	91	138013	5.344	ug/L	100
53) m,p-Xylene	9.689	106	51613	5.441	ug/L	94
54) o-Xylene	10.094	106	48235	5.364	ug/L	98
55) Styrene	10.107	104	81990	5.597	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	19044	4.798	ug/L #	98
59) Bromoform	10.283	173	13349	5.807	ug/L	98
60) Isopropylbenzene	10.476	105	140341	5.390	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	14733	4.931	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	115294	5.321	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	112594	5.492	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	60049	5.351	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	59289	5.414	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	52420	5.396	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	3101	6.006	ug/L	97
69) 1,3,5-Trichlorobenzene	13.213	180	45790	5.703	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	29357	5.260	ug/L	98
71) Naphthalene	14.084	128	30858	4.570	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	22409	5.066	ug/L	94

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

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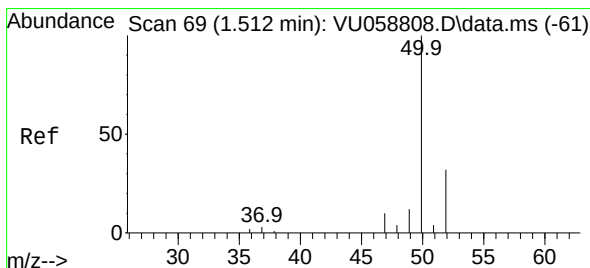
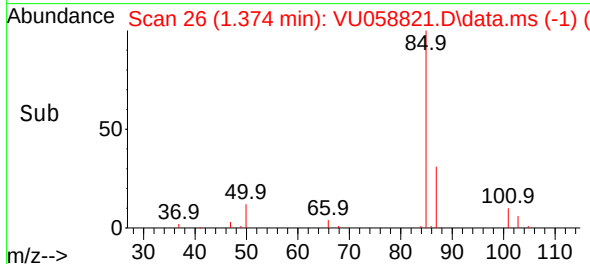
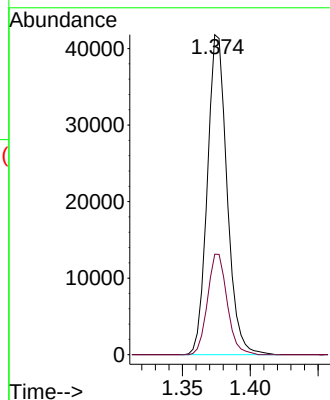
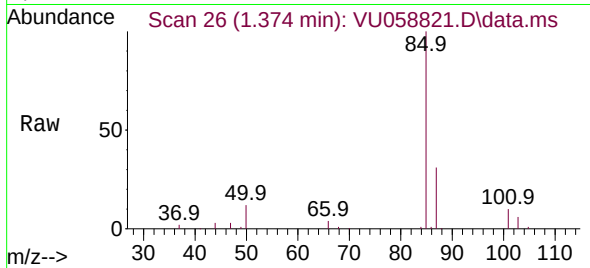




#2
 Dichlorodifluoromethane
 Concen: 5.588 ug/L
 RT: 1.374 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU058821.D
 Acq: 06 May 2024 08:57

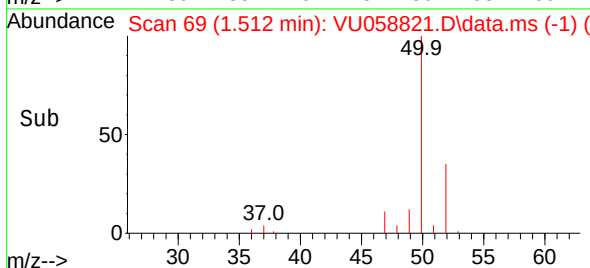
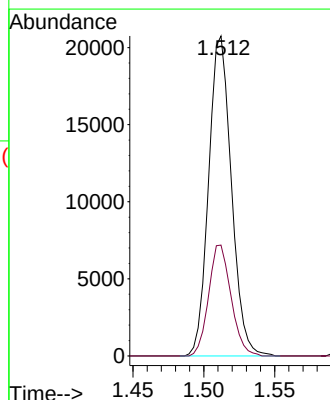
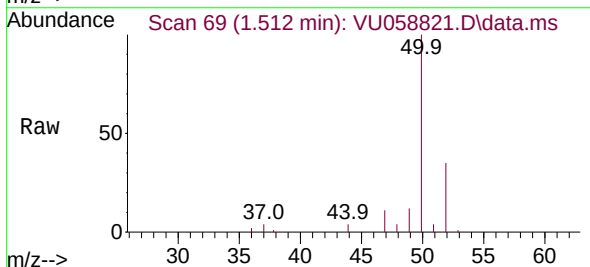
Instrument :
 MSVOA_U
 ClientSampleId :

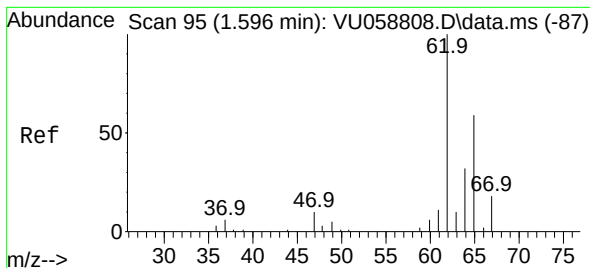
Tgt Ion: 85 Resp: 42231
 Ion Ratio Lower Upper
 85 100
 87 31.3 26.0 39.0



#3
 Chloromethane
 Concen: 3.914 ug/L
 RT: 1.512 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VU058821.D
 Acq: 06 May 2024 08:57

Tgt Ion: 50 Resp: 23154
 Ion Ratio Lower Upper
 50 100
 52 34.7 23.0 42.8





#5

Vinyl chloride

Concen: 4.068 ug/L

RT: 1.596 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU058821.D

Acq: 06 May 2024 08:57

Instrument :

MSVOA_U

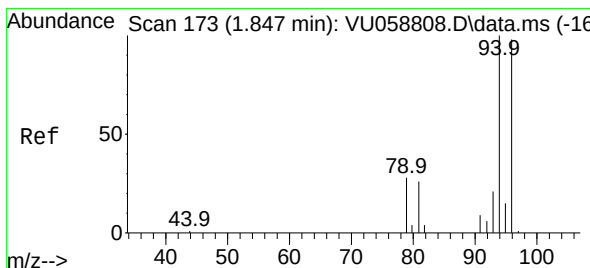
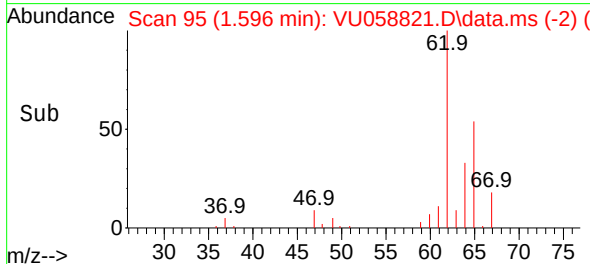
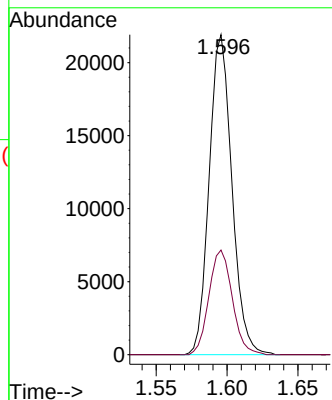
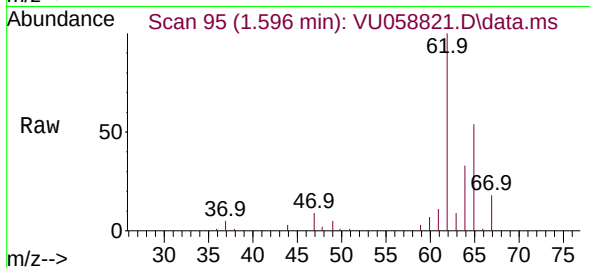
ClientSampleId :

Tgt Ion: 62 Resp: 24416

Ion Ratio Lower Upper

62 100

64 32.7 23.8 44.2



#6

Bromomethane

Concen: 4.599 ug/L

RT: 1.850 min Scan# 174

Delta R.T. 0.003 min

Lab File: VU058821.D

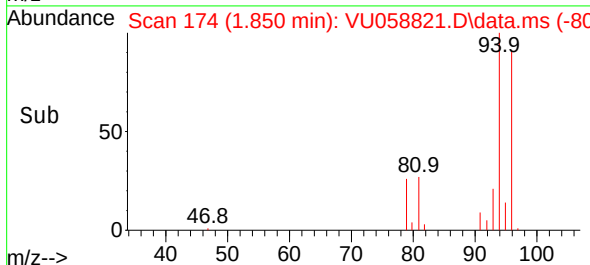
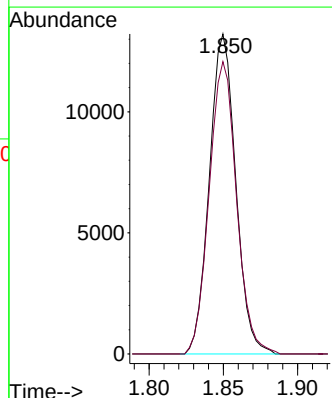
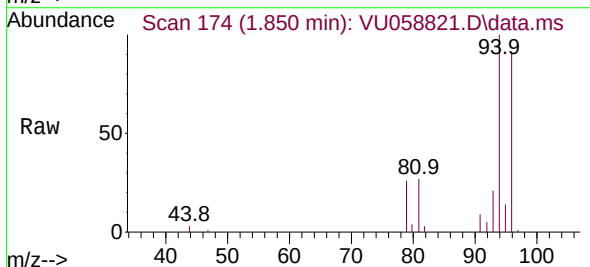
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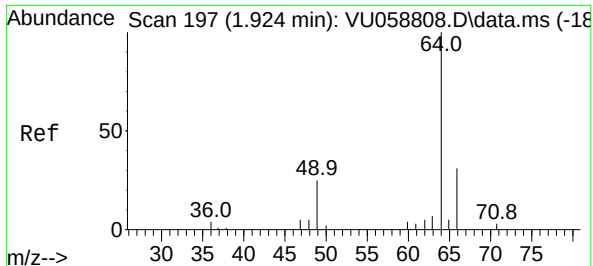
Tgt Ion: 94 Resp: 16337

Ion Ratio Lower Upper

94 100

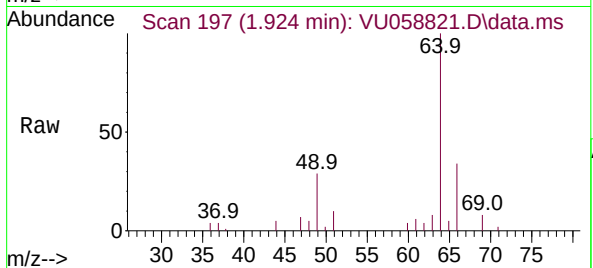
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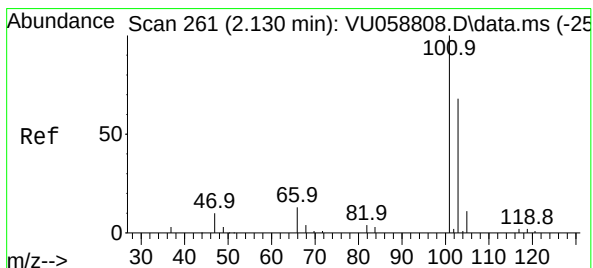
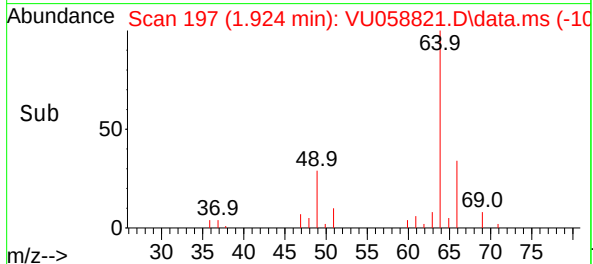
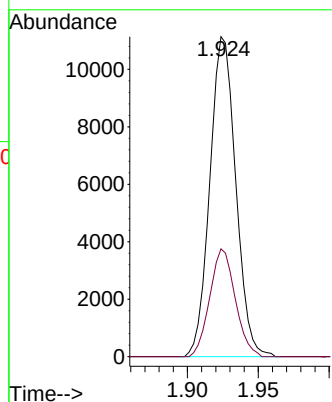


#8
Chloroethane
Concen: 4.191 ug/L
RT: 1.924 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

Instrument :
MSVOA_U
ClientSampleId :

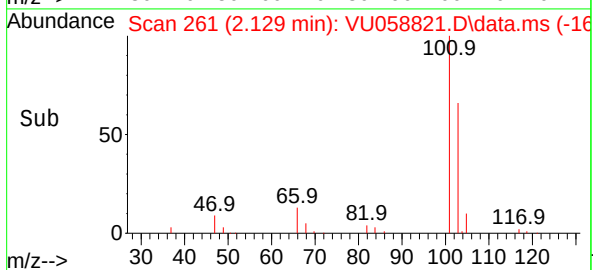
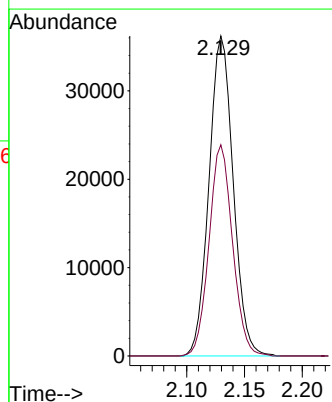
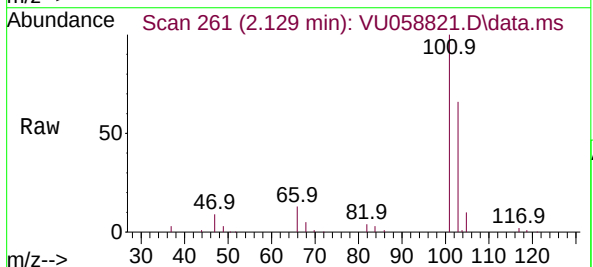


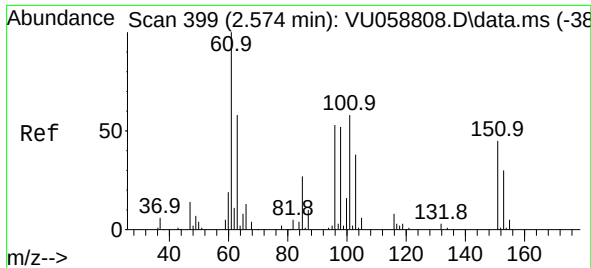
Tgt Ion: 64 Resp: 14170
Ion Ratio Lower Upper
64 100
66 33.7 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.619 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.000 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

Tgt Ion:101 Resp: 52794
Ion Ratio Lower Upper
101 100
103 64.1 52.6 78.8

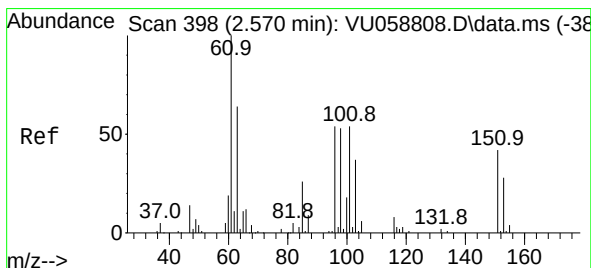
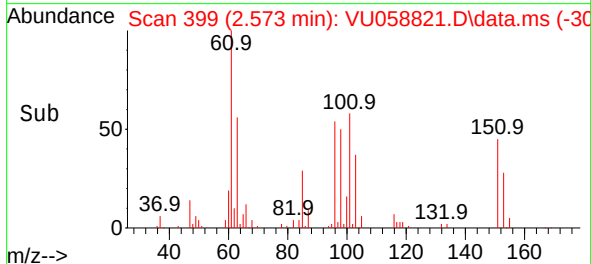
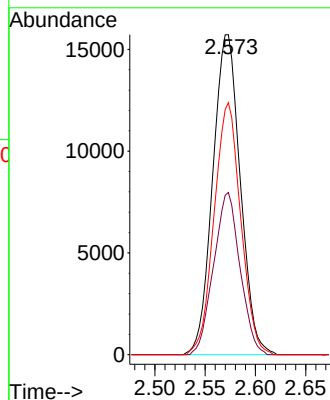
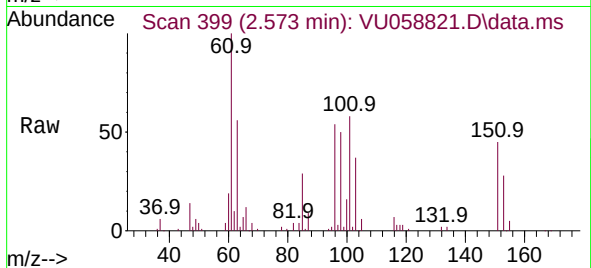




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.338 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU058821.D
 Acq: 06 May 2024 08:57

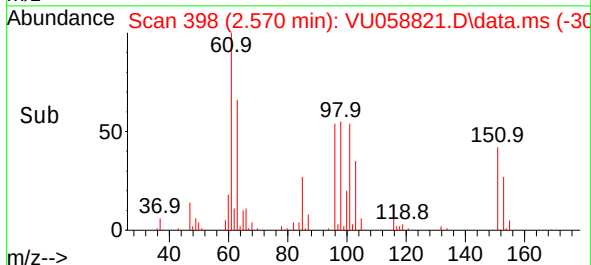
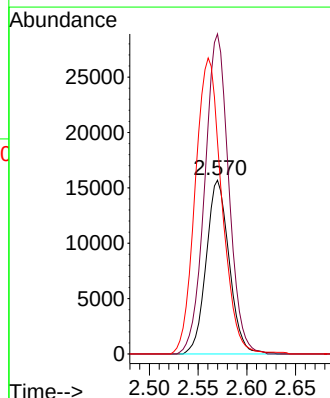
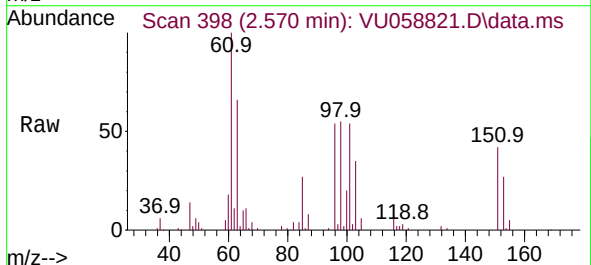
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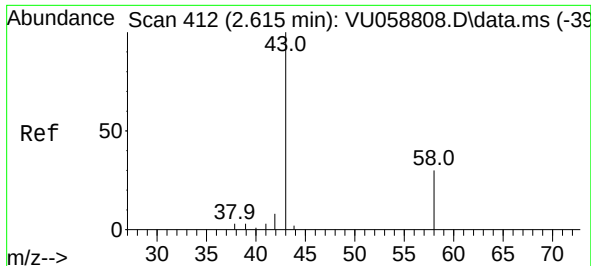
Tgt Ion:101 Resp: 29891
 Ion Ratio Lower Upper
 101 100
 85 48.7 36.7 55.1
 151 76.2 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 5.120 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU058821.D
 Acq: 06 May 2024 08:57

Tgt Ion: 96 Resp: 25730
 Ion Ratio Lower Upper
 96 100
 61 184.2 135.3 251.3
 63 122.3 91.9 170.7





#13

Acetone

Concen: 49.769 ug/L

RT: 2.641 min Scan# 41

Delta R.T. 0.025 min

Lab File: VU058821.D

Acq: 06 May 2024 08:57

Instrument :

MSVOA_U

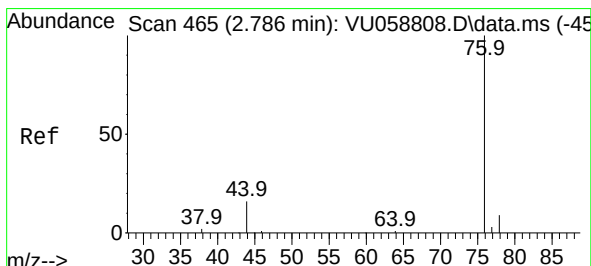
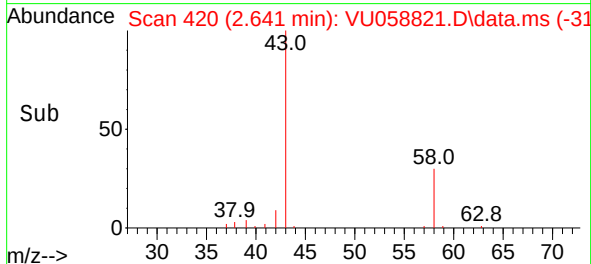
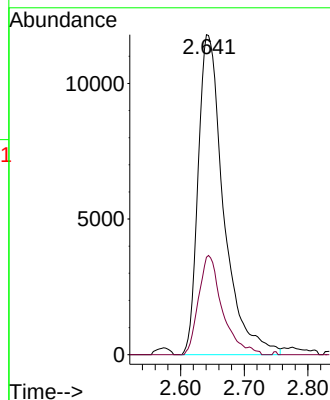
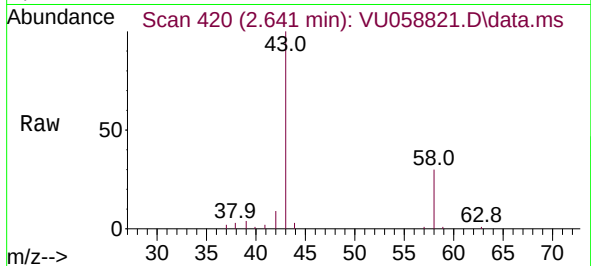
ClientSampleId :

Tgt Ion: 43 Resp: 32805

Ion Ratio Lower Upper

43 100

58 28.9 0.0 61.2



#14

Carbon disulfide

Concen: 4.717 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.004 min

Lab File: VU058821.D

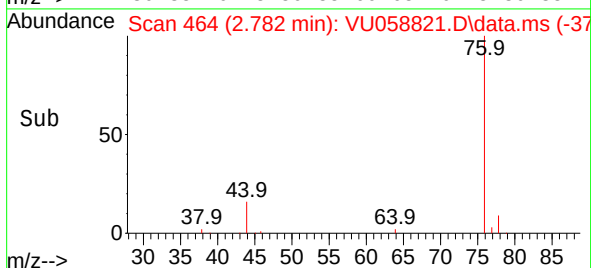
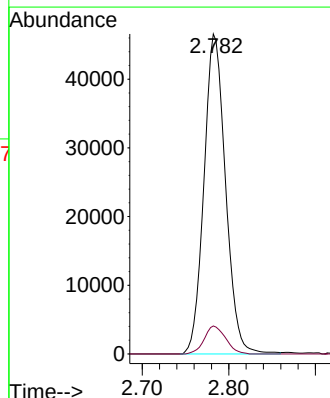
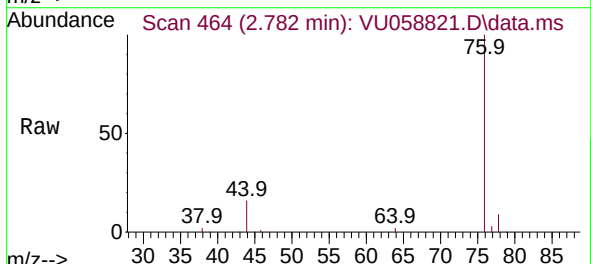
Acq: 06 May 2024 08:57

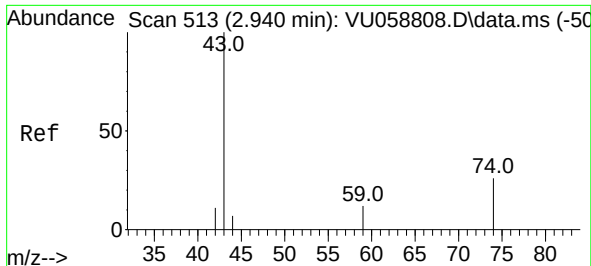
Tgt Ion: 76 Resp: 80629

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2





#15

Methyl Acetate

Concen: 4.764 ug/L

RT: 2.953 min Scan# 51

Delta R.T. 0.012 min

Lab File: VU058821.D

Acq: 06 May 2024 08:57

Instrument :

MSVOA_U

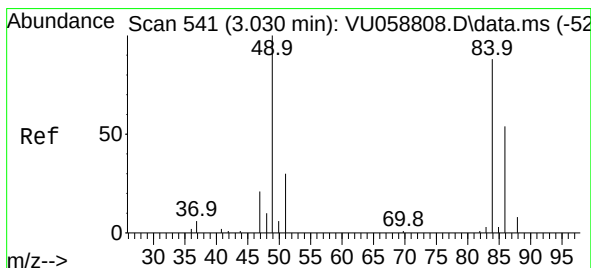
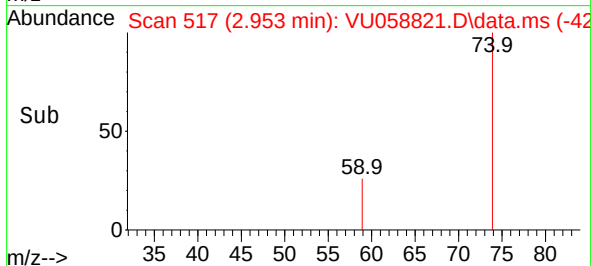
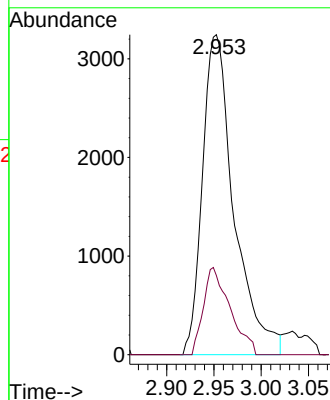
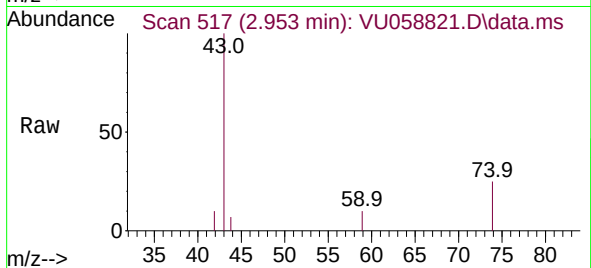
ClientSampleId :

Tgt Ion: 43 Resp: 7529

Ion Ratio Lower Upper

43 100

74 23.0 18.2 27.4



#16

Methylene chloride

Concen: 4.880 ug/L

RT: 3.033 min Scan# 542

Delta R.T. 0.003 min

Lab File: VU058821.D

Acq: 06 May 2024 08:57

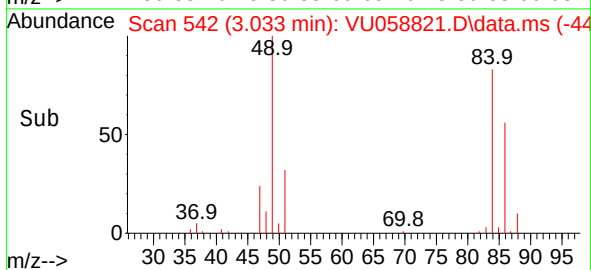
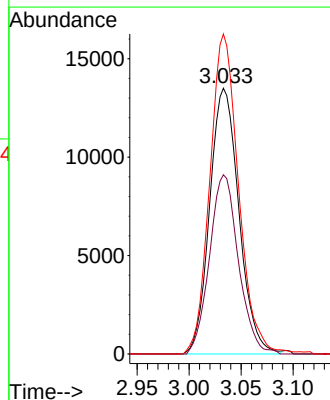
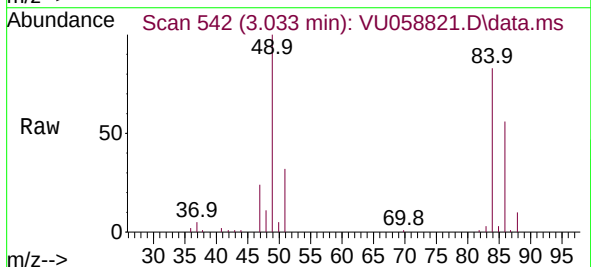
Tgt Ion: 84 Resp: 26391

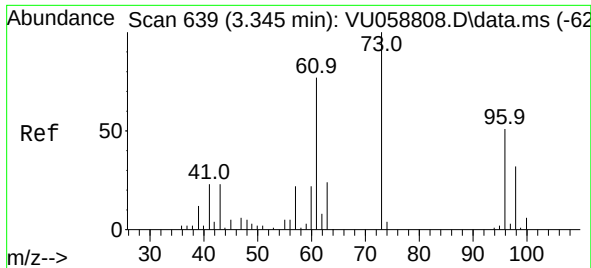
Ion Ratio Lower Upper

84 100

86 67.4 45.0 83.6

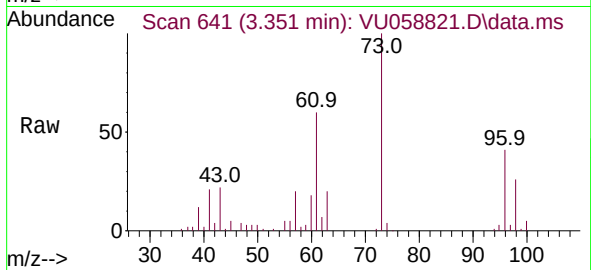
49 120.4 91.6 170.2



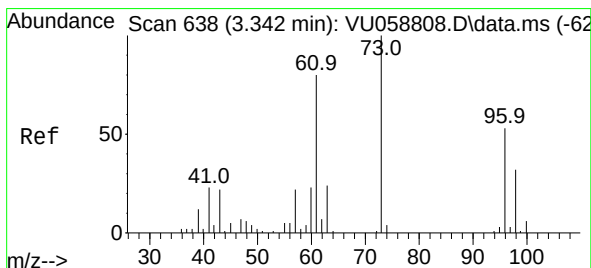
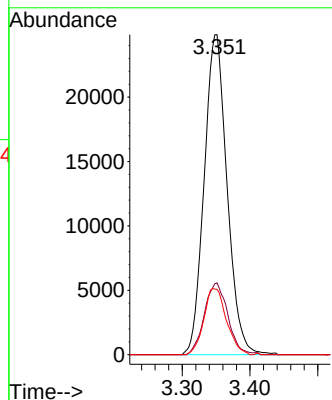
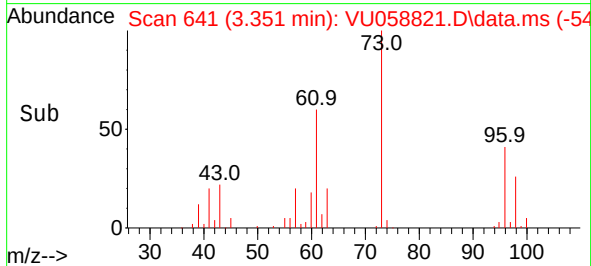


#17
Methyl tert-butyl Ether
Concen: 5.129 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

Instrument :
MSVOA_U
ClientSampleId :

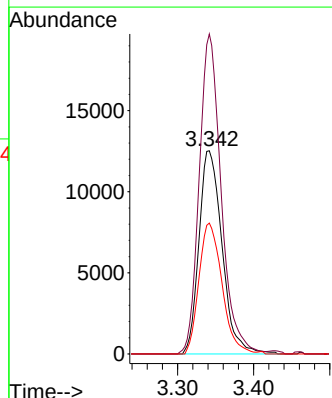
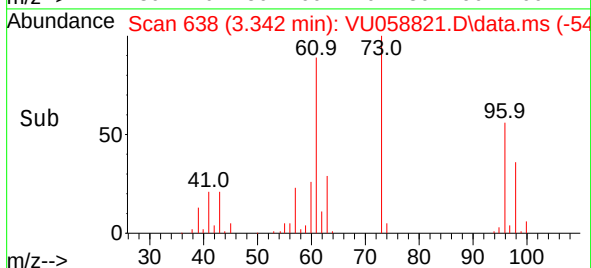
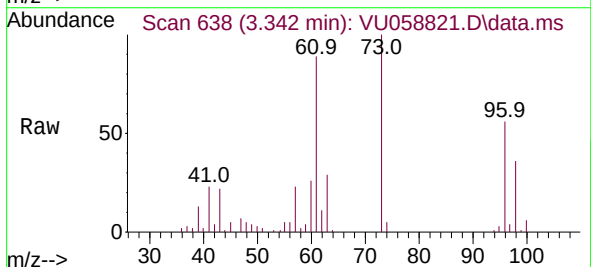


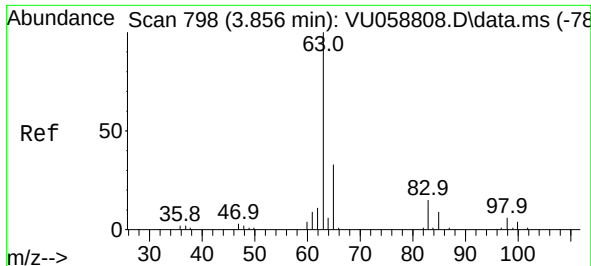
Tgt Ion: 73 Resp: 58348
Ion Ratio Lower Upper
73 100
43 23.0 17.7 26.5
57 20.4 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 5.260 ug/L
RT: 3.342 min Scan# 638
Delta R.T. -0.000 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

Tgt Ion: 96 Resp: 26479
Ion Ratio Lower Upper
96 100
61 157.5 108.6 201.8
98 64.4 44.4 82.4

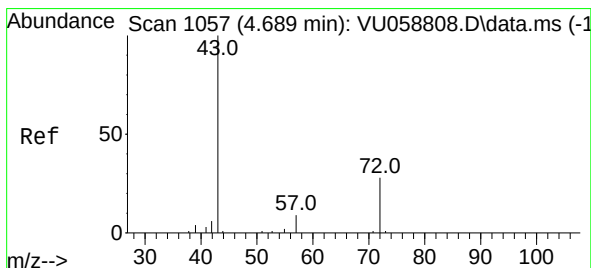
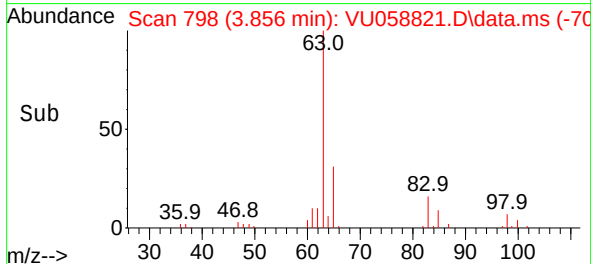
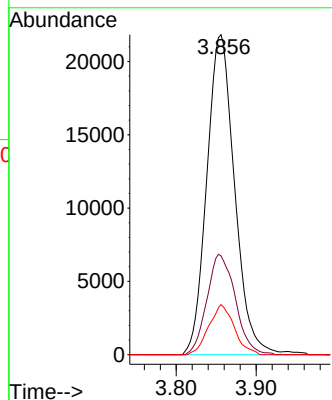
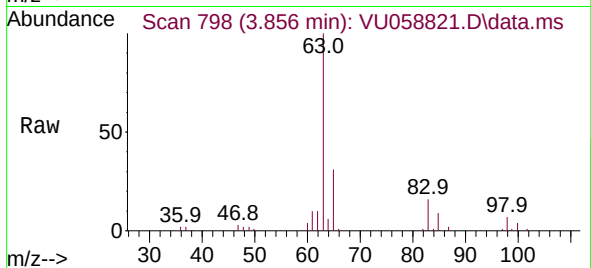




#19
1,1-Dichloroethane
Concen: 4.939 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

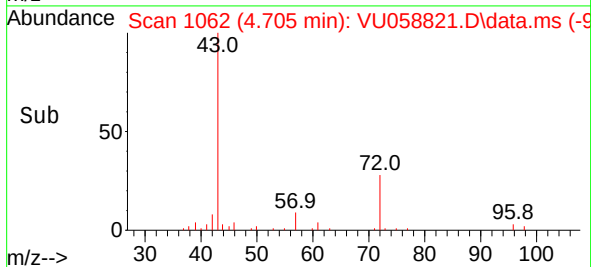
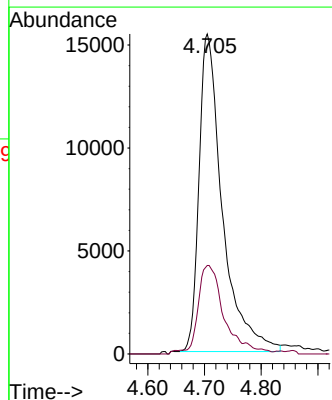
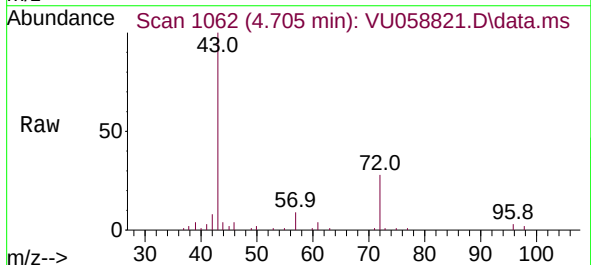
Instrument :
MSVOA_U
ClientSampleId :

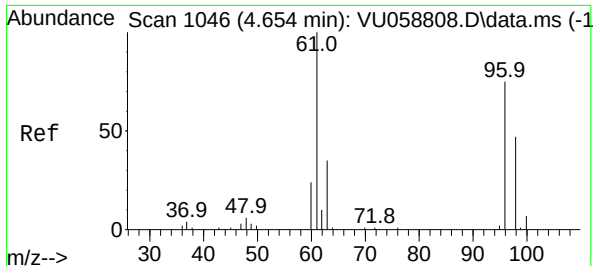
Tgt Ion: 63 Resp: 52646
Ion Ratio Lower Upper
63 100
65 30.9 21.6 40.2
83 15.6 9.5 17.7



#21
2-Butanone
Concen: 42.600 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.016 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

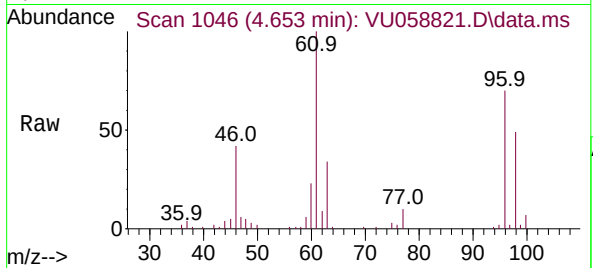
Tgt Ion: 43 Resp: 44155
Ion Ratio Lower Upper
43 100
72 29.5 12.8 38.4





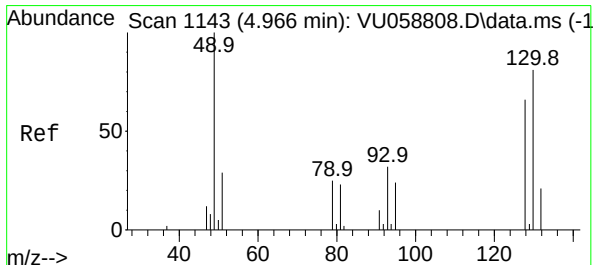
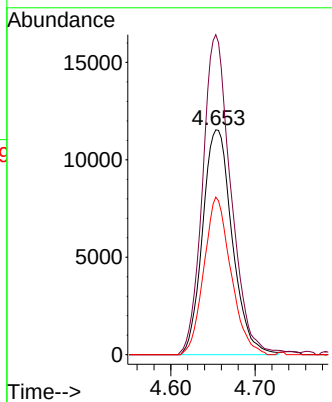
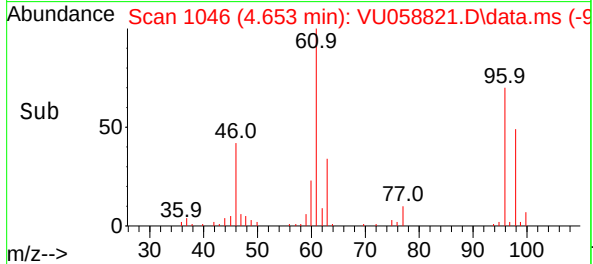
#22
cis-1,2-Dichloroethene
Concen: 5.091 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

Instrument :
MSVOA_U
ClientSampleId :

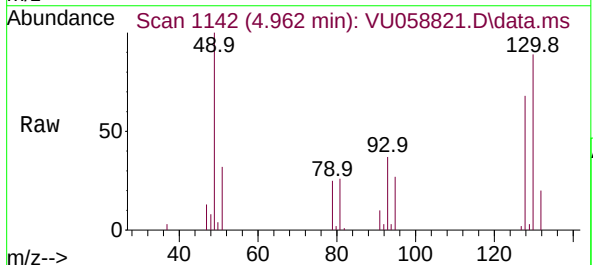


Tgt Ion: 96 Resp: 28154

Ion	Ratio	Lower	Upper
96	100		
61	142.3	100.4	186.4
98	70.1	45.1	83.7

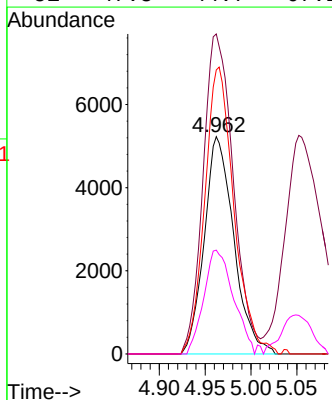
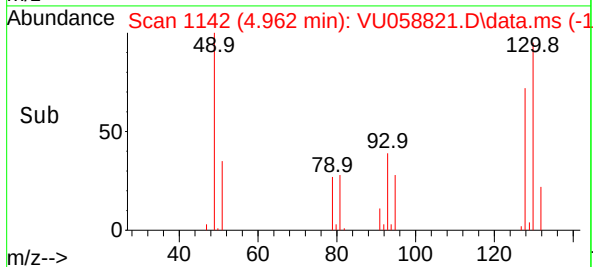


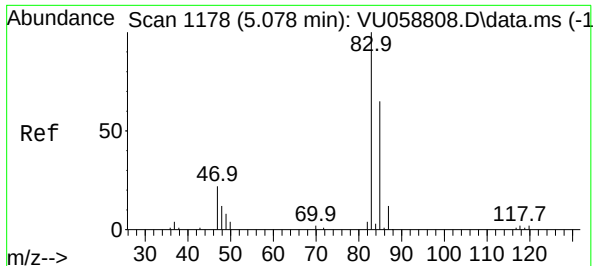
#23
Bromochloromethane
Concen: 5.416 ug/L
RT: 4.962 min Scan# 1142
Delta R.T. -0.004 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57



Tgt Ion: 128 Resp: 11726

Ion	Ratio	Lower	Upper
128	100		
49	153.6	129.1	239.7
130	130.7	92.1	171.1
51	47.8	44.7	67.1





#25

Chloroform

Concen: 5.540 ug/L

RT: 5.075 min Scan# 1178

Delta R.T. -0.004 min

Lab File: VU058821.D

Acq: 06 May 2024 08:57

Instrument :

MSVOA_U

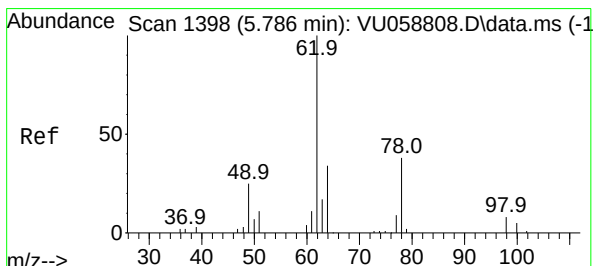
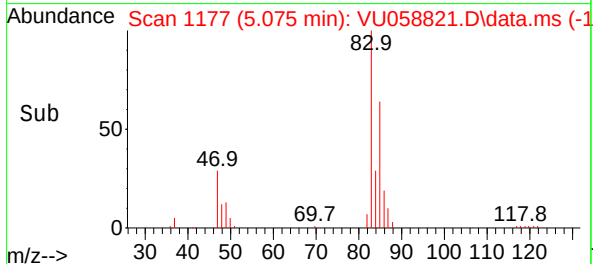
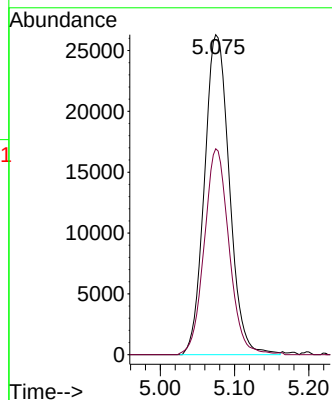
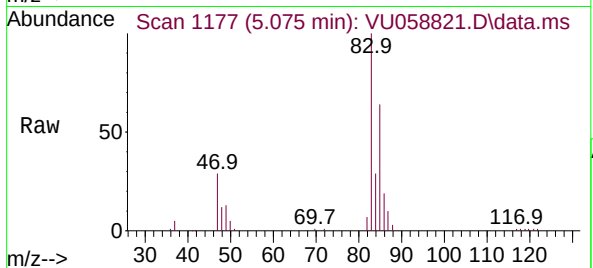
ClientSampleId :

Tgt Ion: 83 Resp: 61384

Ion Ratio Lower Upper

83 100

85 64.4 47.0 87.4



#27

1,2-Dichloroethane

Concen: 5.615 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.004 min

Lab File: VU058821.D

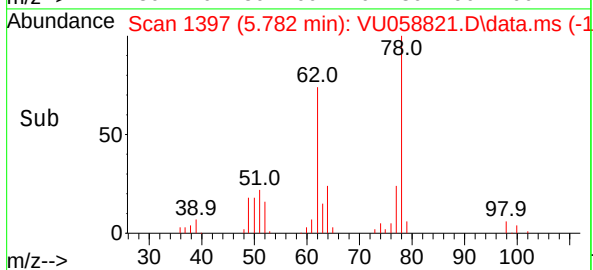
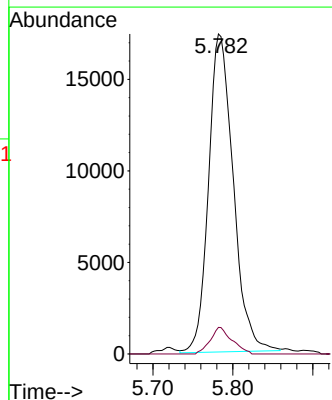
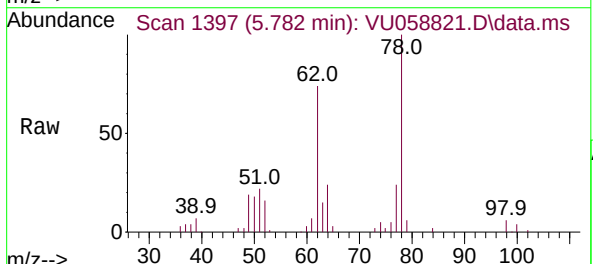
Acq: 06 May 2024 08:57

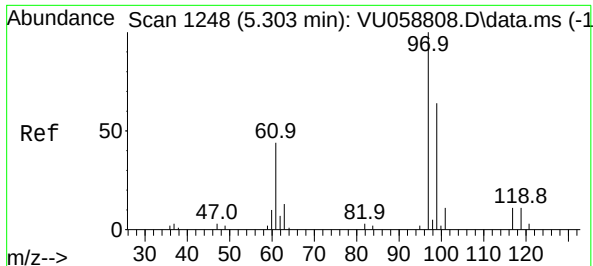
Tgt Ion: 62 Resp: 37222

Ion Ratio Lower Upper

62 100

98 8.3 6.7 10.1

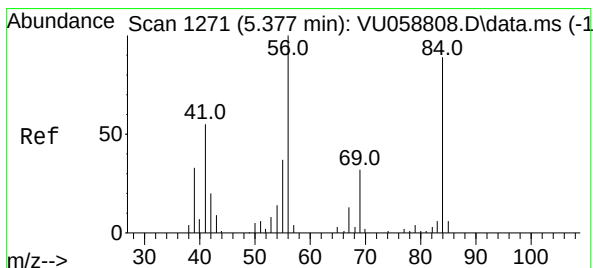
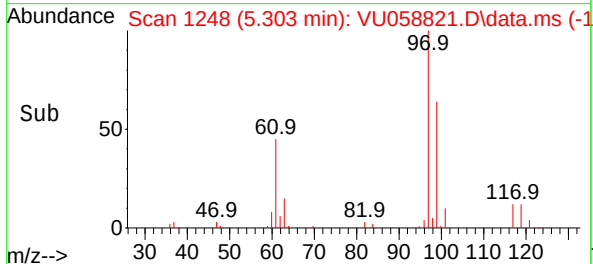
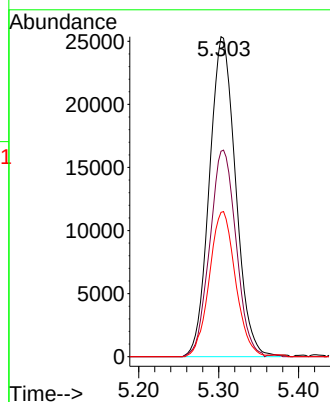
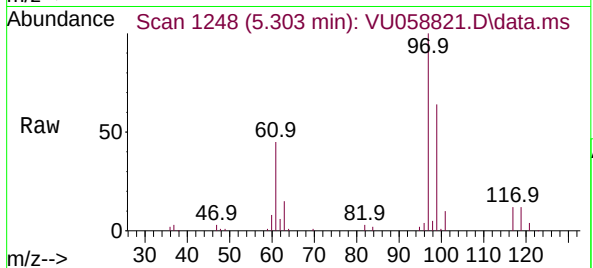




#29
1,1,1-Trichloroethane
Concen: 5.906 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

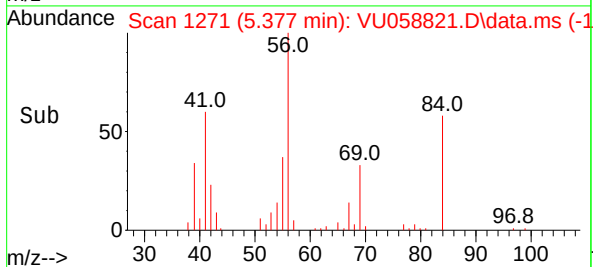
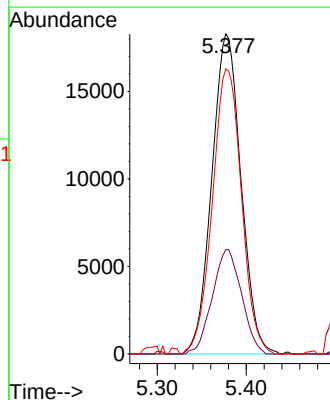
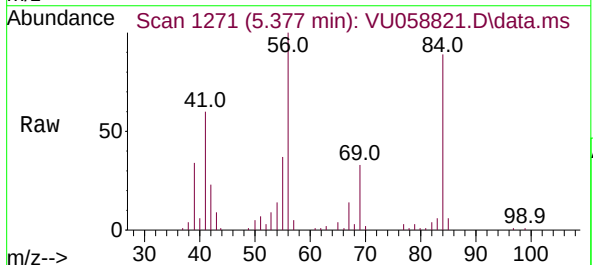
Instrument :
MSVOA_U
ClientSampleId :

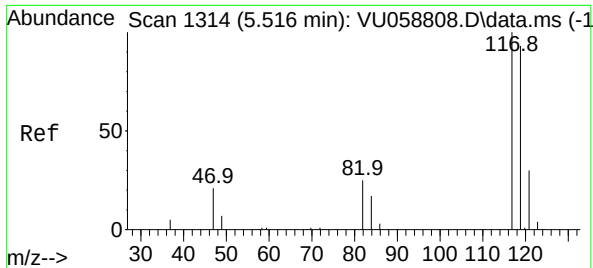
Tgt Ion: 97 Resp: 57726
Ion Ratio Lower Upper
97 100
99 65.0 50.5 75.7
61 45.2 37.3 55.9



#30
Cyclohexane
Concen: 4.509 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

Tgt Ion: 56 Resp: 41605
Ion Ratio Lower Upper
56 100
69 32.7 23.7 35.5
84 88.8 64.2 96.4

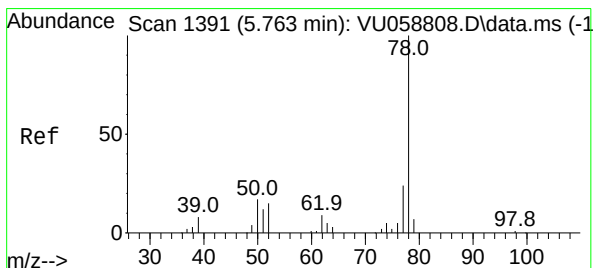
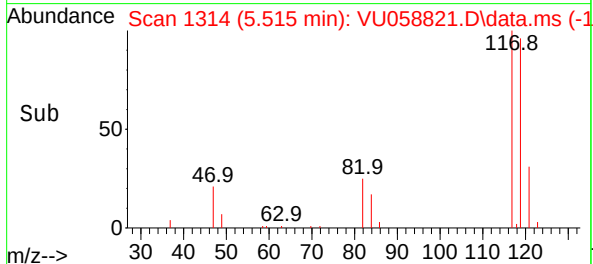
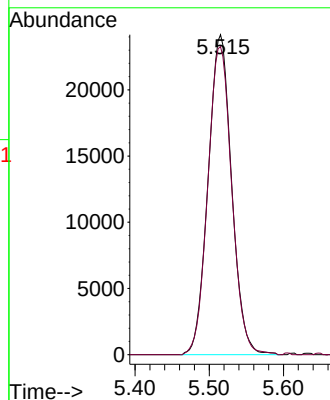
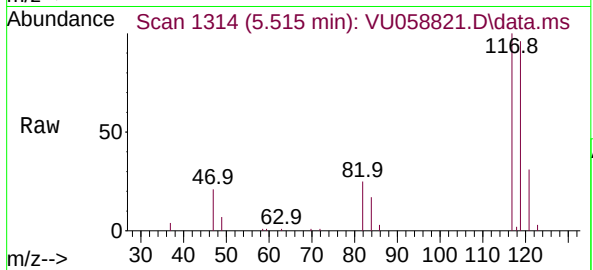




#31
Carbon tetrachloride
Concen: 6.159 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

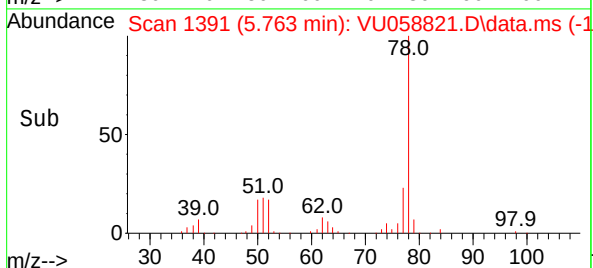
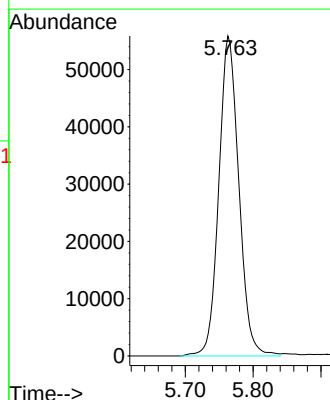
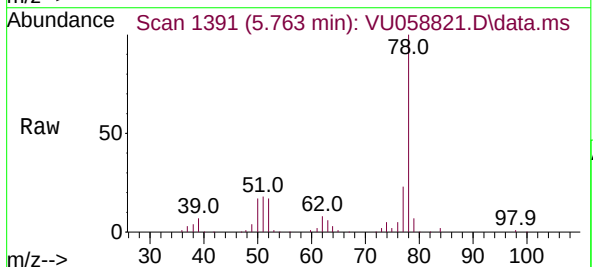
Instrument :
MSVOA_U
ClientSampleId :

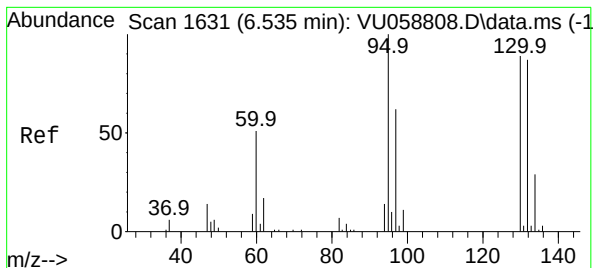
Tgt Ion:117 Resp: 53211
Ion Ratio Lower Upper
117 100
119 98.2 77.0 115.4



#33
Benzene
Concen: 5.063 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

Tgt Ion: 78 Resp: 114702





#34

Trichloroethene

Concen: 5.363 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.000 min

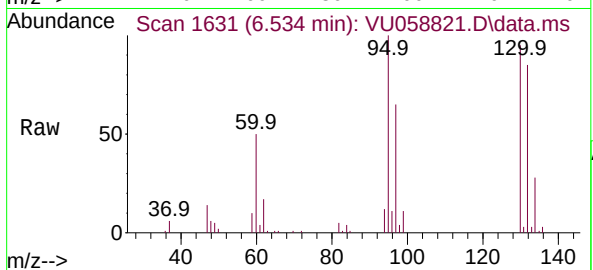
Lab File: VU058821.D

Acq: 06 May 2024 08:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 33061

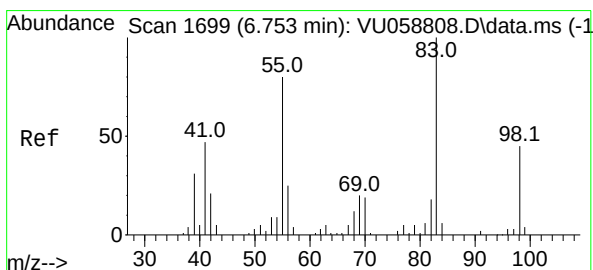
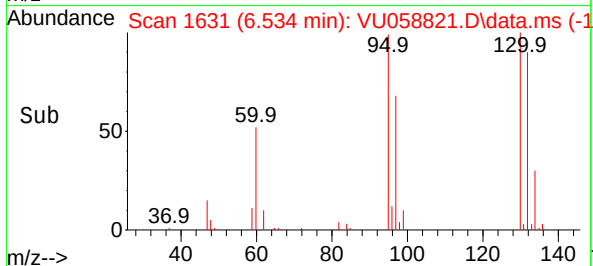
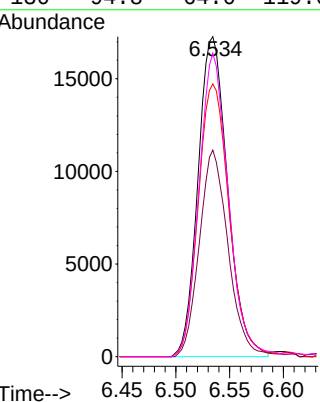
Ion Ratio Lower Upper

95 100

97 64.6 44.4 82.4

132 85.3 61.6 114.4

130 94.8 64.0 119.0



#35

Methylcyclohexane

Concen: 5.075 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU058821.D

Acq: 06 May 2024 08:57

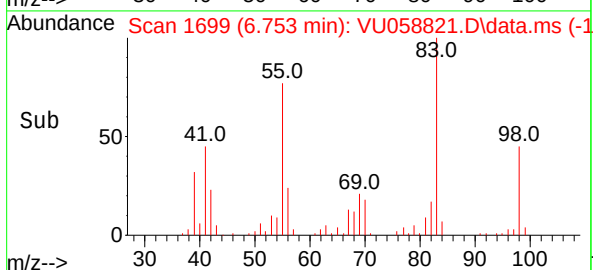
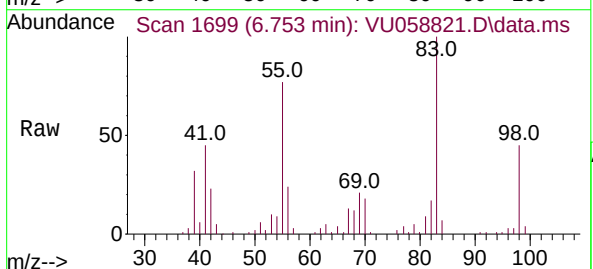
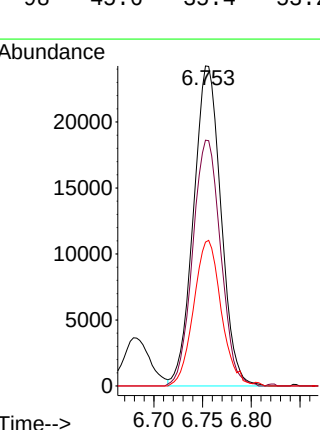
Tgt Ion: 83 Resp: 47551

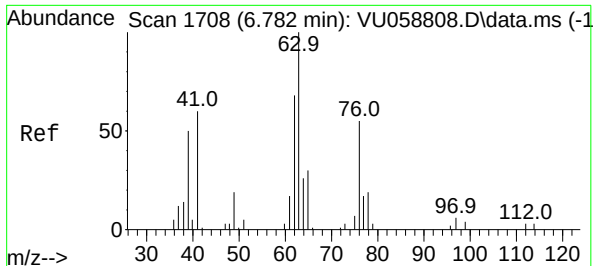
Ion Ratio Lower Upper

83 100

55 78.0 66.6 100.0

98 45.6 35.4 53.2

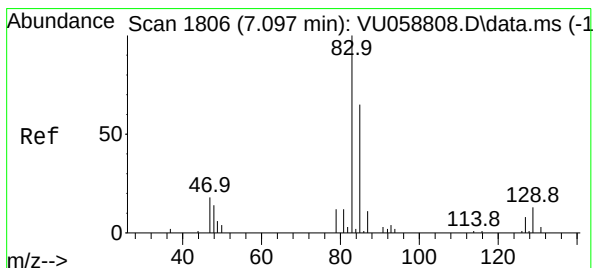
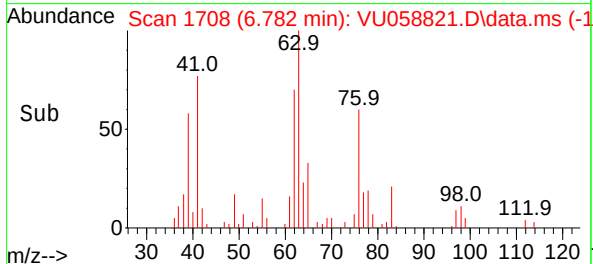
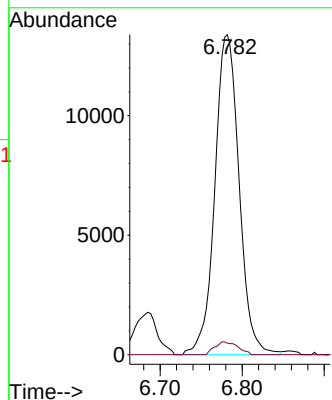
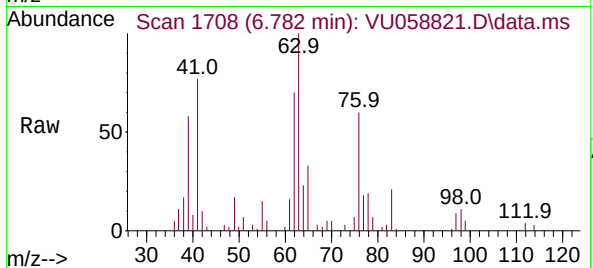




#37
1,2-Dichloropropane
Concen: 4.658 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

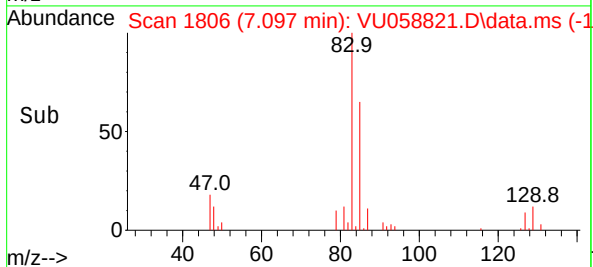
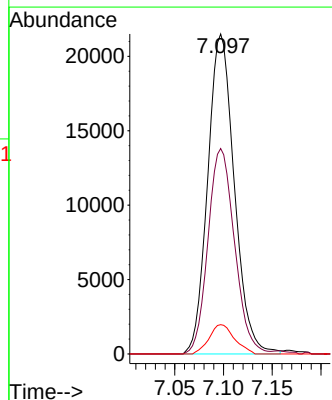
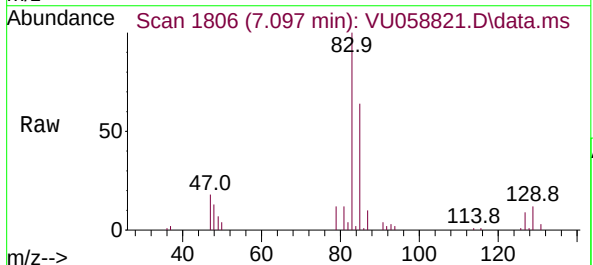
Instrument :
MSVOA_U
ClientSampleId :

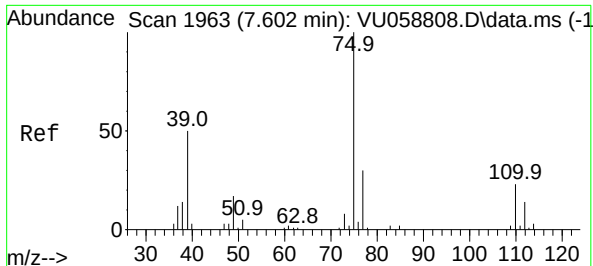
Tgt Ion: 63 Resp: 27570
Ion Ratio Lower Upper
63 100
112 3.8 2.8 4.2



#38
Bromodichloromethane
Concen: 5.574 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

Tgt Ion: 83 Resp: 40866
Ion Ratio Lower Upper
83 100
85 64.2 45.2 84.0
127 9.2 6.3 9.5

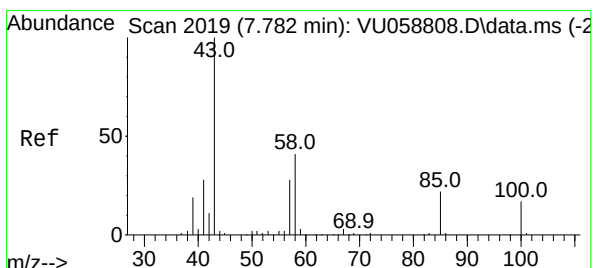
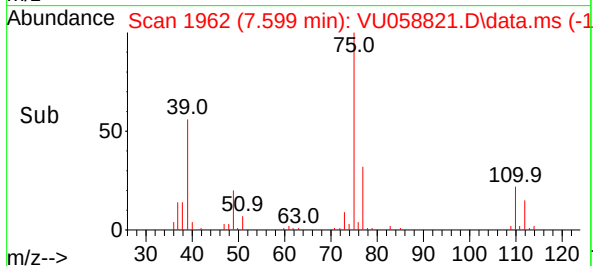
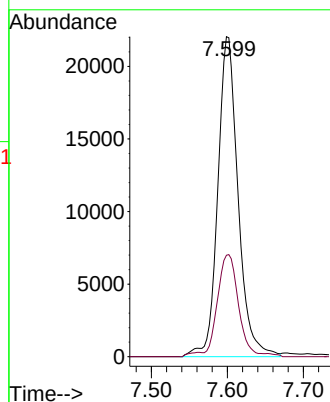
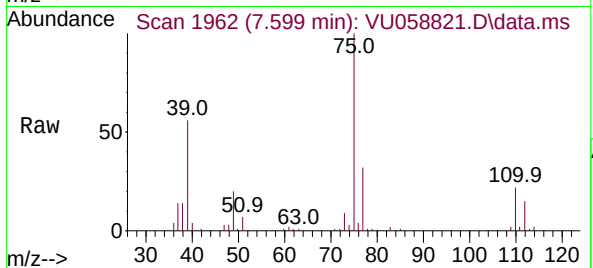




#39
 cis-1,3-Dichloropropene
 Concen: 4.991 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.004 min
 Lab File: VU058821.D
 Acq: 06 May 2024 08:57

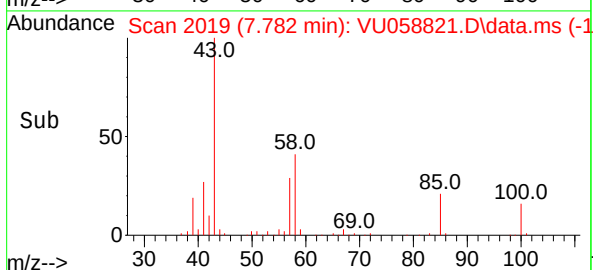
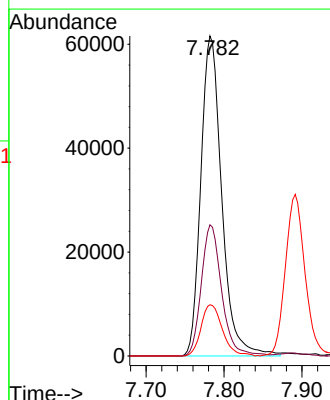
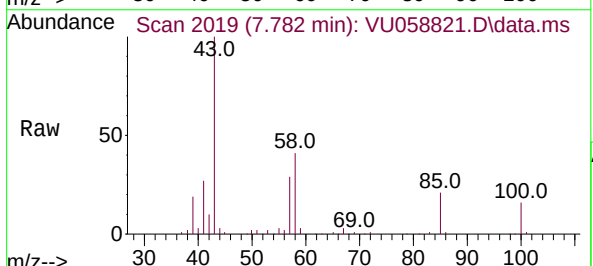
Instrument :
 MSVOA_U
 ClientSampleId :

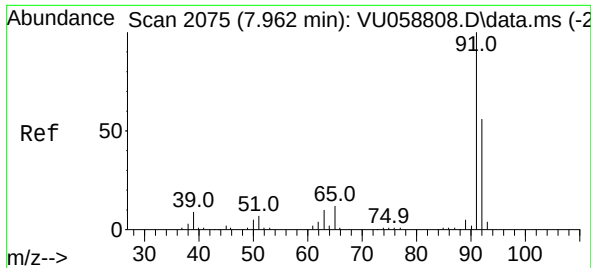
Tgt Ion: 75 Resp: 40897
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 43.988 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU058821.D
 Acq: 06 May 2024 08:57

Tgt Ion: 43 Resp: 114908
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.5 47.3
 100 16.3 11.4 17.0





#42

Toluene

Concen: 5.293 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058821.D

Acq: 06 May 2024 08:57

Instrument :

MSVOA_U

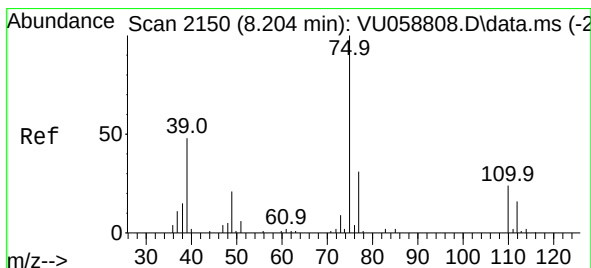
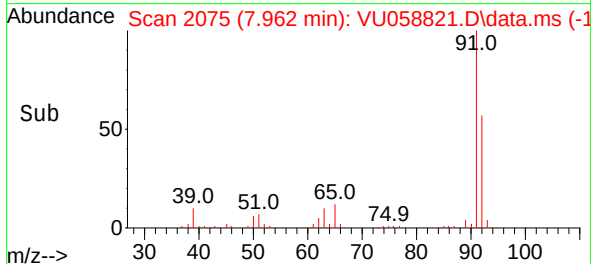
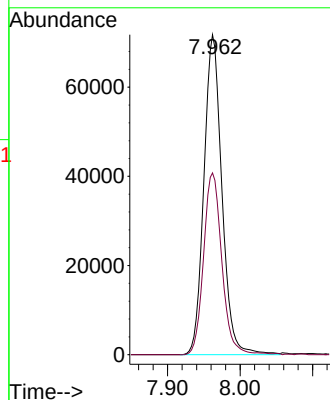
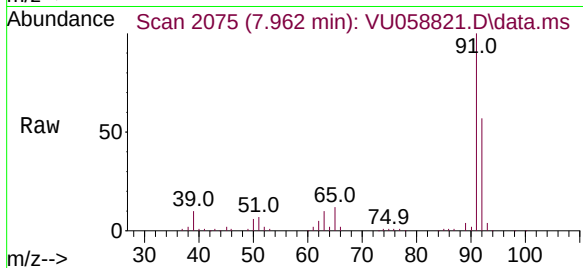
ClientSampleId :

Tgt Ion: 91 Resp: 123931

Ion Ratio Lower Upper

91 100

92 56.8 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 5.405 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU058821.D

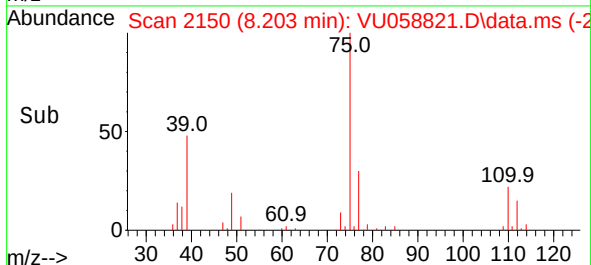
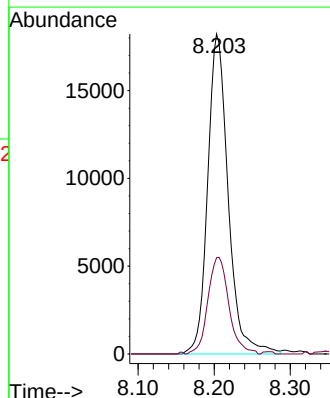
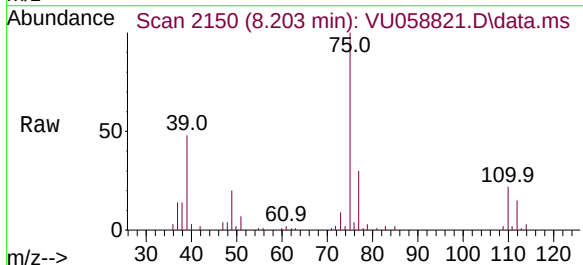
Acq: 06 May 2024 08:57

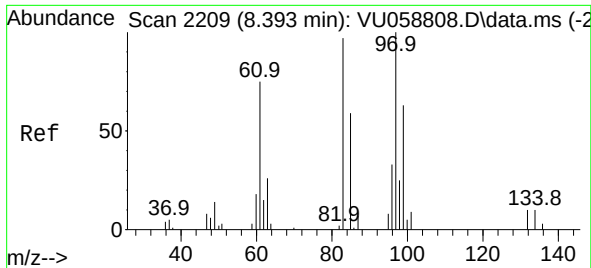
Tgt Ion: 75 Resp: 34096

Ion Ratio Lower Upper

75 100

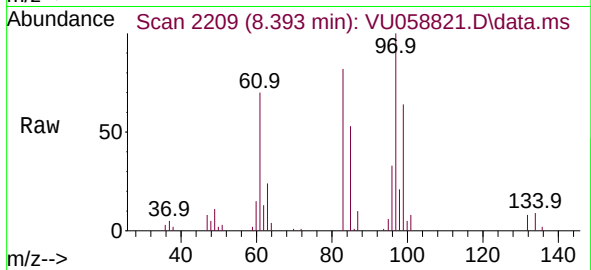
77 30.1 22.1 41.1



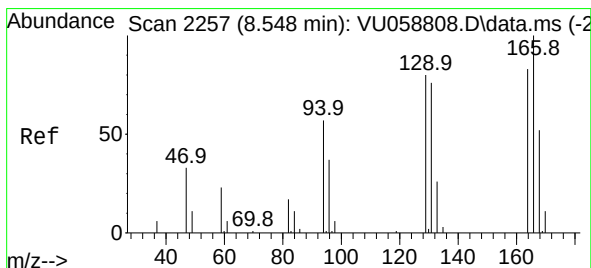
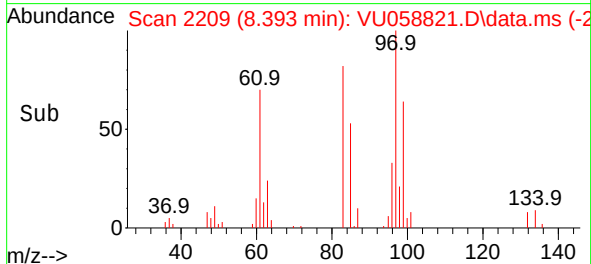
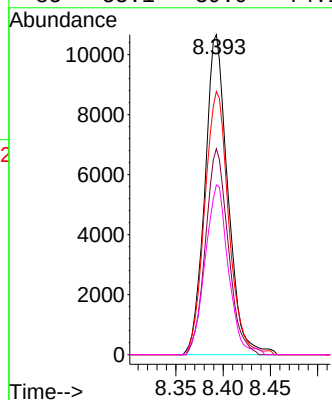


#45
1,1,2-Trichloroethane
Concen: 5.289 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

Instrument :
MSVOA_U
ClientSampleId :

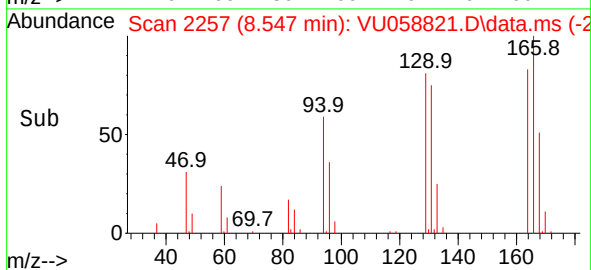
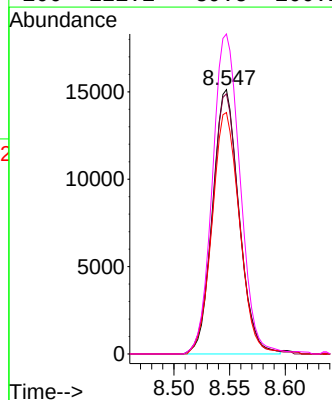
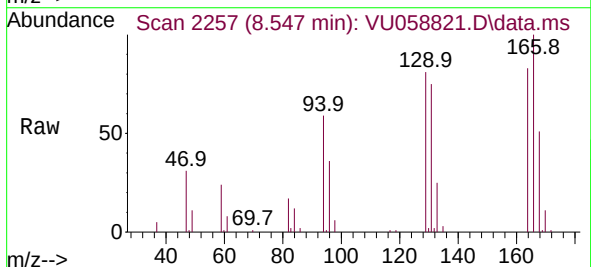


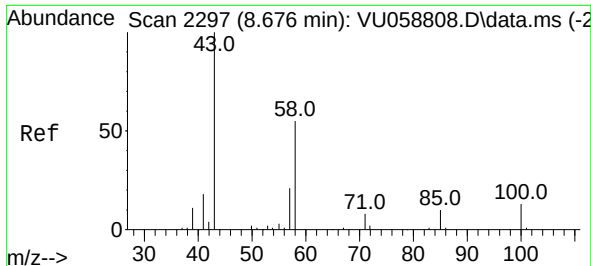
Tgt Ion:	97	Resp:	18011
Ion	Ratio	Lower	Upper
97	100		
99	64.4	43.7	81.1
83	82.2	62.9	116.9
85	53.1	39.9	74.1



#47
Tetrachloroethene
Concen: 5.806 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

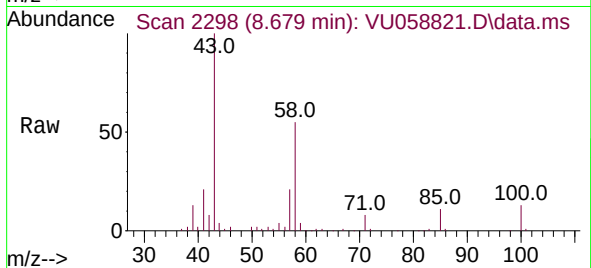
Tgt Ion:	164	Resp:	25121
Ion	Ratio	Lower	Upper
164	100		
129	98.4	71.5	132.9
131	91.4	65.0	120.6
166	121.1	89.5	166.1



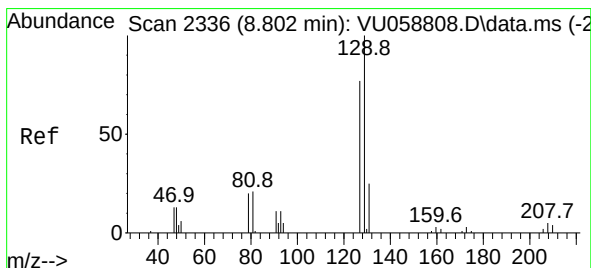
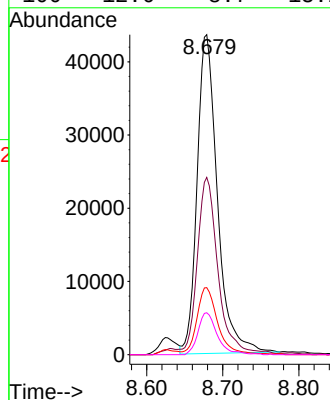
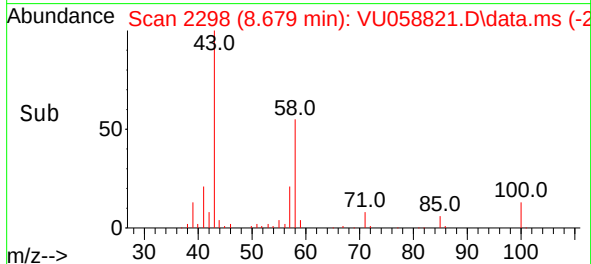


#48
2-Hexanone
Concen: 43.548 ug/L
RT: 8.679 min Scan# 2297
Delta R.T. 0.003 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

Instrument :
MSVOA_U
ClientSampleId :

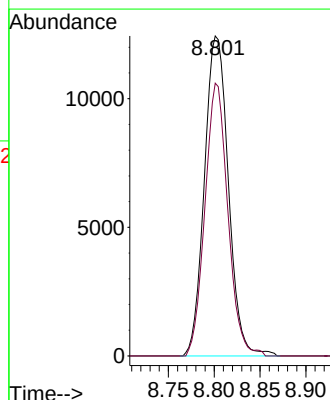
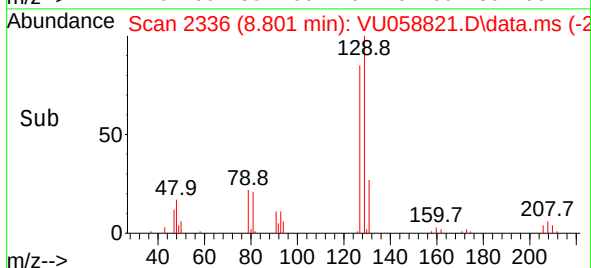
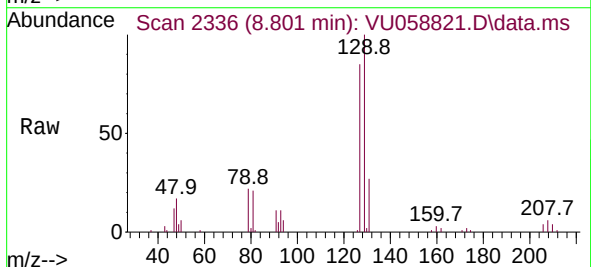


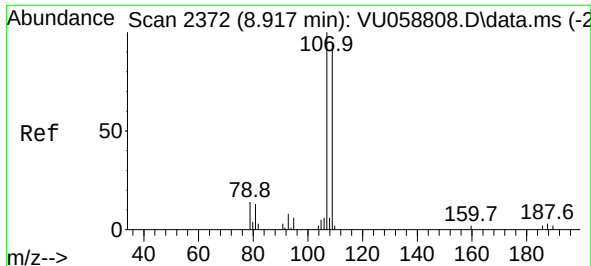
Tgt Ion: 43 Resp: 80810
Ion Ratio Lower Upper
43 100
58 56.0 43.7 65.5
57 21.2 15.0 22.4
100 12.6 8.7 13.1



#49
Dibromochloromethane
Concen: 5.681 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

Tgt Ion: 129 Resp: 22657
Ion Ratio Lower Upper
129 100
127 85.3 51.0 94.8





#50

1,2-Dibromoethane

Concen: 5.038 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

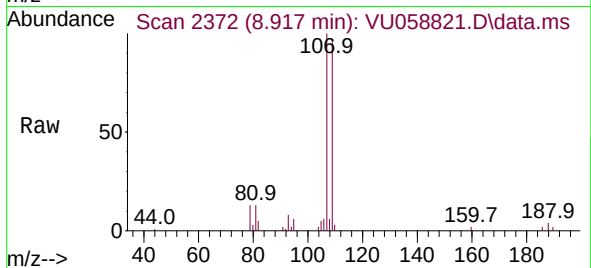
Lab File: VU058821.D

Acq: 06 May 2024 08:57

Instrument :

MSVOA_U

ClientSampleId :



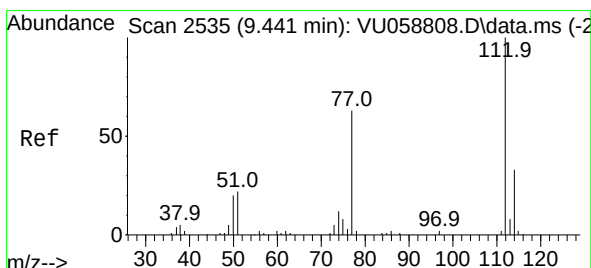
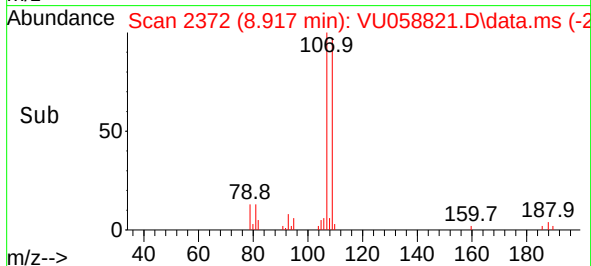
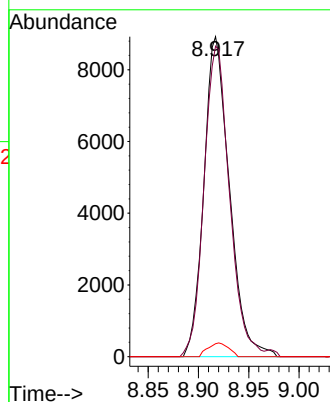
Tgt Ion:107 Resp: 15784

Ion Ratio Lower Upper

107 100

109 97.0 62.3 115.7

188 4.1 2.9 4.3



#51

Chlorobenzene

Concen: 5.297 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU058821.D

Acq: 06 May 2024 08:57

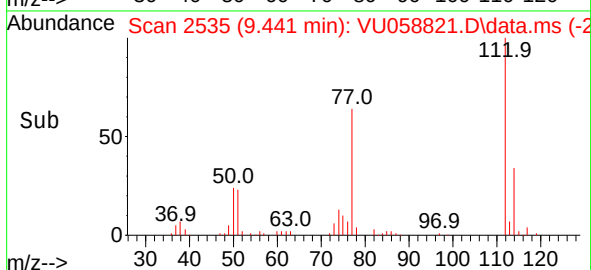
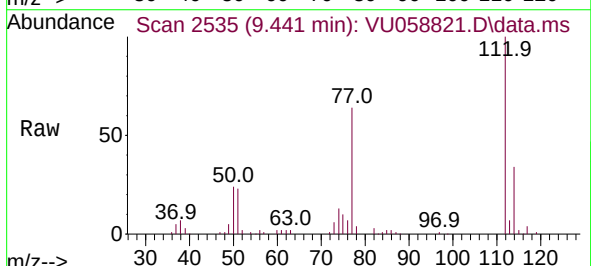
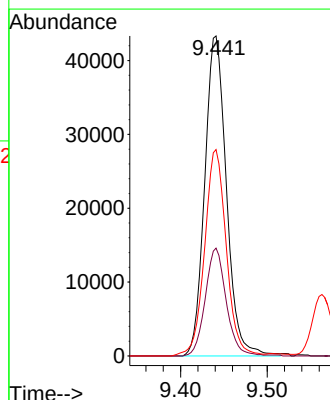
Tgt Ion:112 Resp: 75568

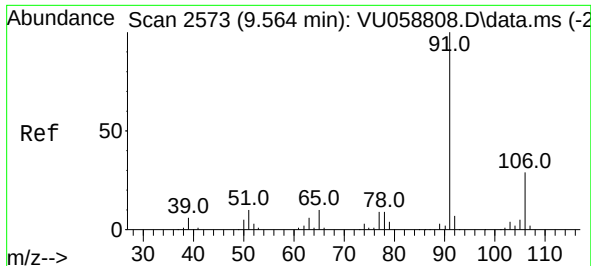
Ion Ratio Lower Upper

112 100

114 33.7 21.7 40.3

77 64.5 50.5 75.7





#52

Ethylbenzene

Concen: 5.344 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU058821.D

Acq: 06 May 2024 08:57

Instrument :

MSVOA_U

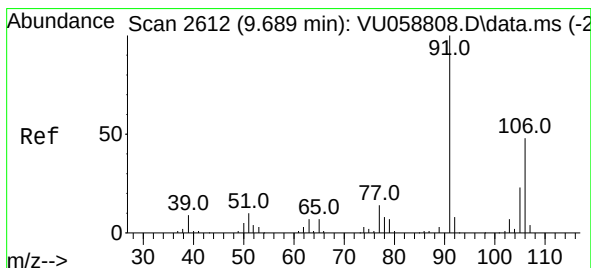
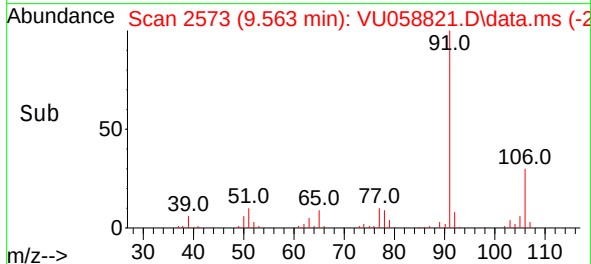
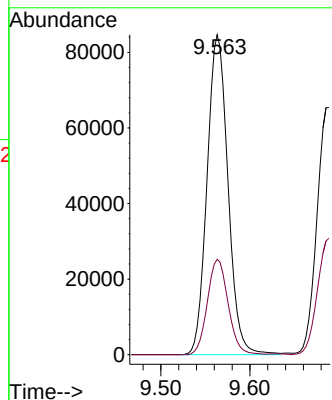
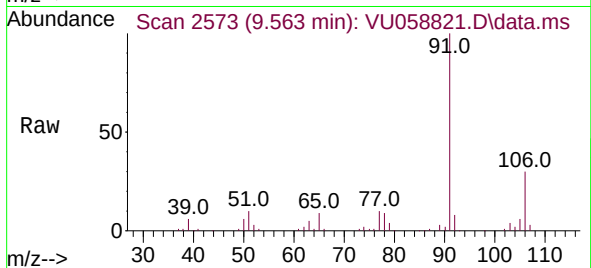
ClientSampleId :

Tgt Ion: 91 Resp: 138013

Ion Ratio Lower Upper

91 100

106 29.8 20.9 38.9



#53

m,p-Xylene

Concen: 5.441 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU058821.D

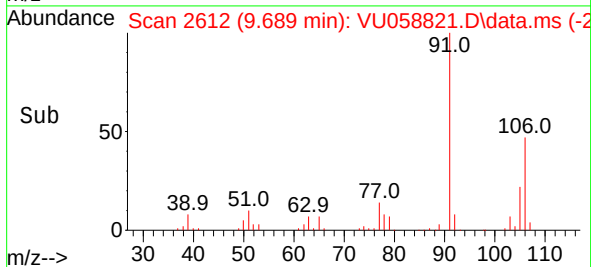
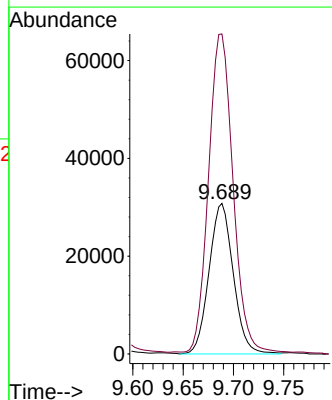
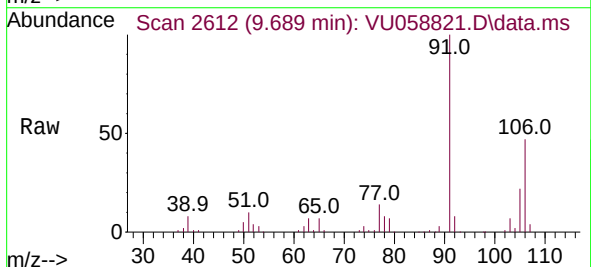
Acq: 06 May 2024 08:57

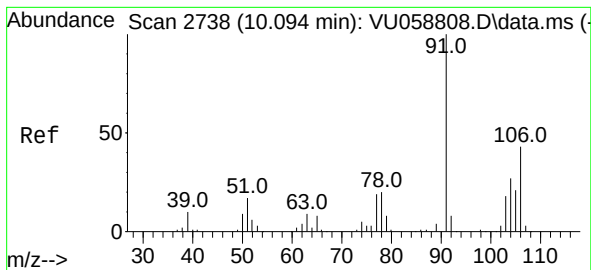
Tgt Ion:106 Resp: 51613

Ion Ratio Lower Upper

106 100

91 212.6 155.1 288.1





#54

o-Xylene

Concen: 5.364 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU058821.D

Acq: 06 May 2024 08:57

Instrument :

MSVOA_U

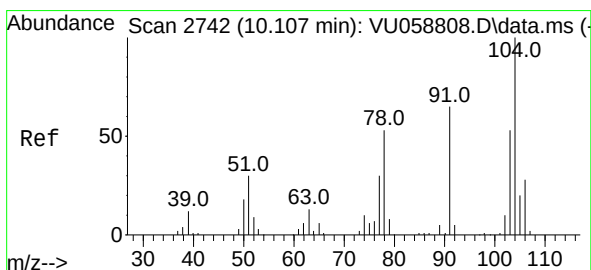
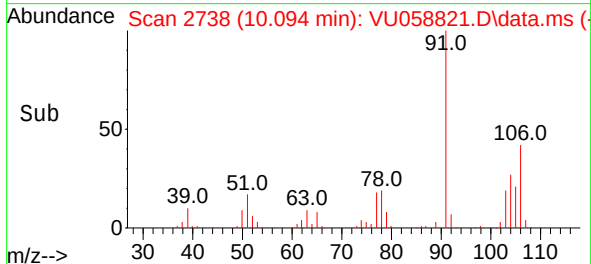
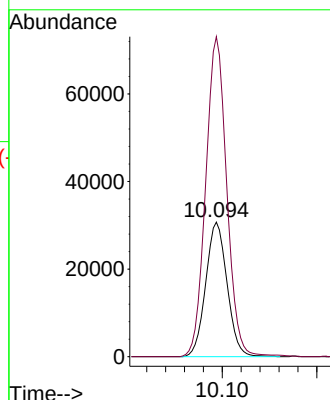
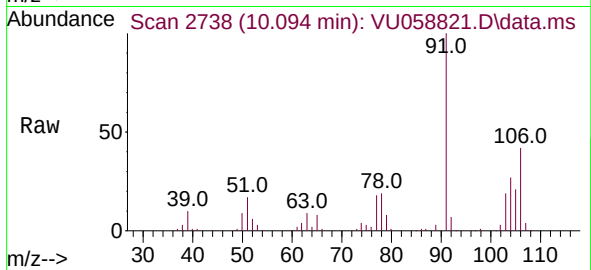
ClientSampleId :

Tgt Ion:106 Resp: 48235

Ion Ratio Lower Upper

106 100

91 237.8 163.7 304.1



#55

Styrene

Concen: 5.597 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU058821.D

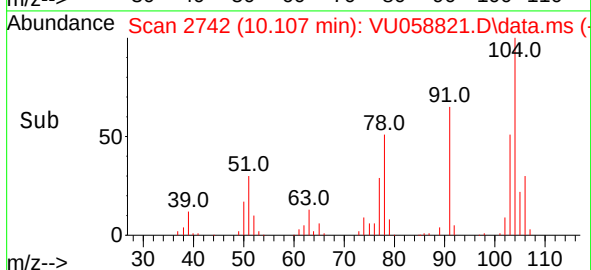
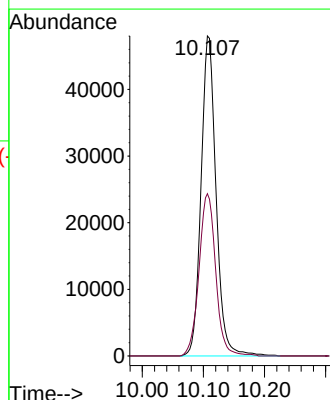
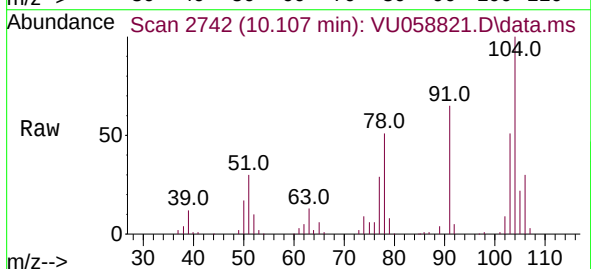
Acq: 06 May 2024 08:57

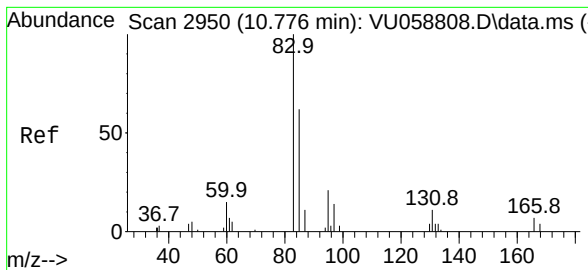
Tgt Ion:104 Resp: 81990

Ion Ratio Lower Upper

104 100

78 50.7 37.1 68.9

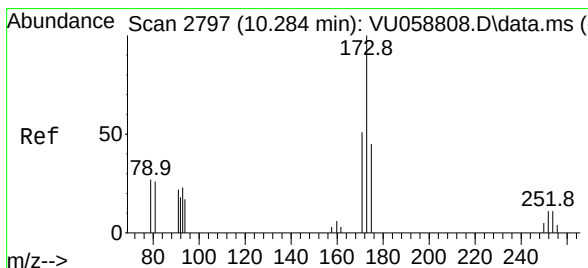
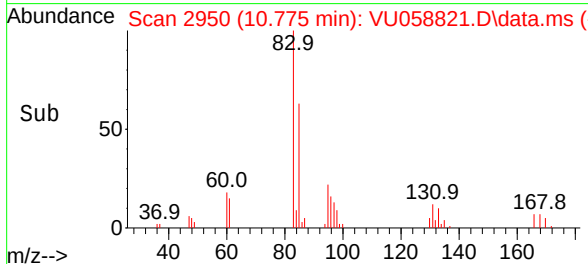
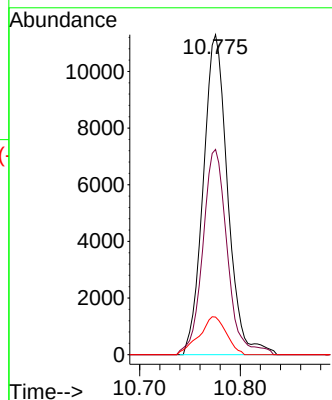
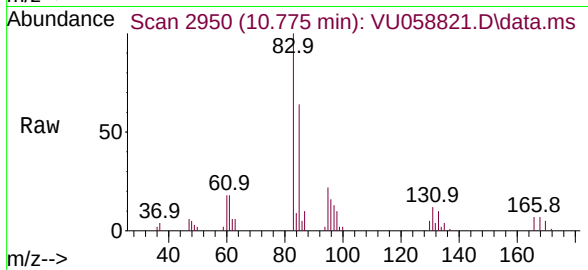




#57
1,1,2,2-Tetrachloroethane
Concen: 4.798 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

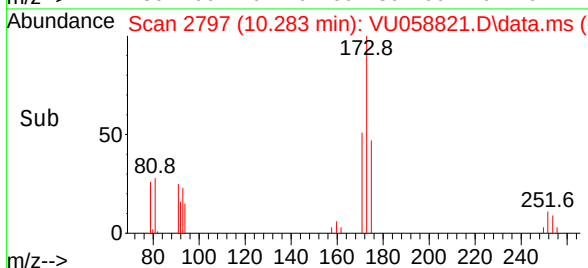
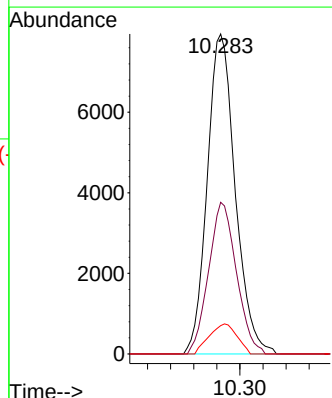
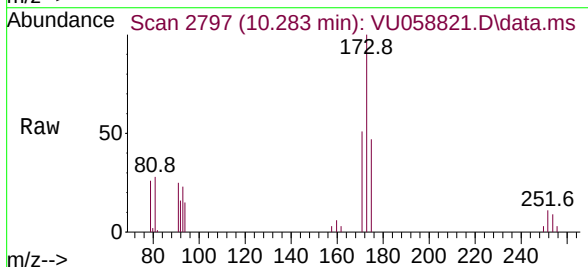
Instrument :
MSVOA_U
ClientSampleId :

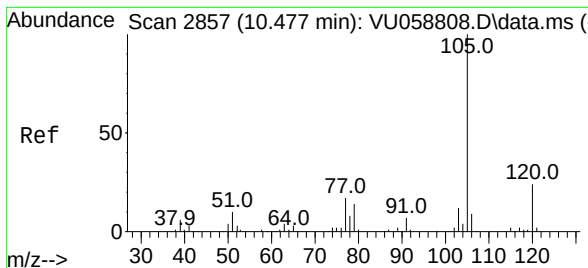
Tgt Ion	83	Resp	19044
Ion	Ratio	Lower	Upper
83	100		
85	64.1	44.6	82.8
131	11.8	6.7	10.1



#59
Bromoform
Concen: 5.807 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

Tgt Ion	173	Resp	13349
Ion	Ratio	Lower	Upper
173	100		
175	47.1	39.3	58.9
254	9.3	7.5	11.3





#60

Isopropylbenzene

Concen: 5.390 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU058821.D

Acq: 06 May 2024 08:57

Instrument :

MSVOA_U

ClientSampleId :

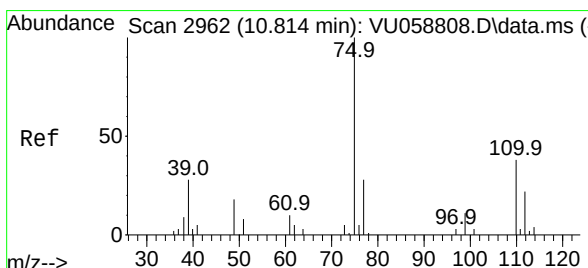
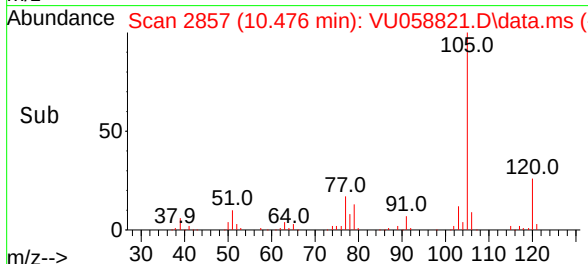
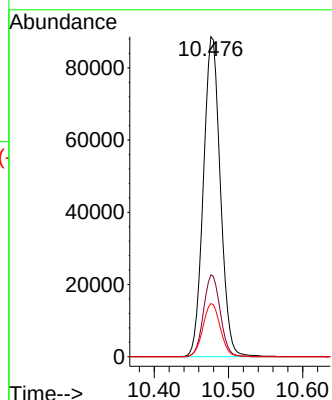
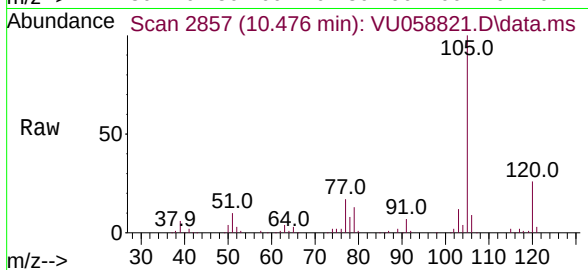
Tgt Ion:105 Resp: 140341

Ion Ratio Lower Upper

105 100

120 25.2 19.6 29.4

77 17.1 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 4.931 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU058821.D

Acq: 06 May 2024 08:57

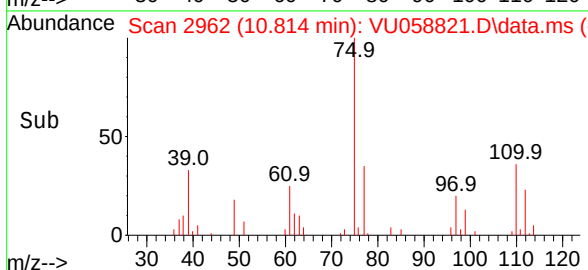
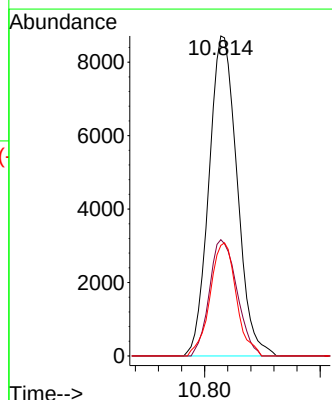
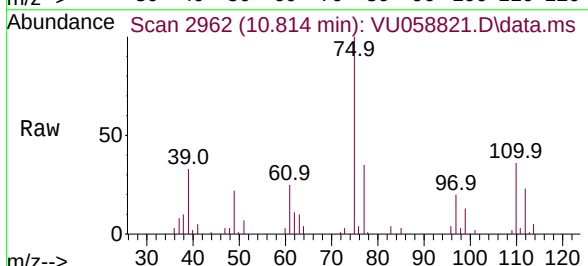
Tgt Ion: 75 Resp: 14733

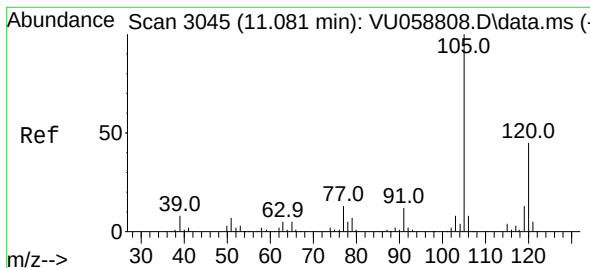
Ion Ratio Lower Upper

75 100

110 35.6 28.6 43.0

77 32.9 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.321 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU058821.D

Acq: 06 May 2024 08:57

Instrument :

MSVOA_U

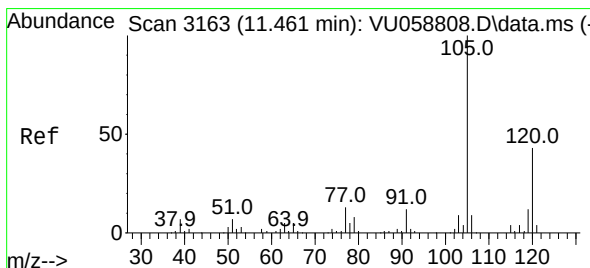
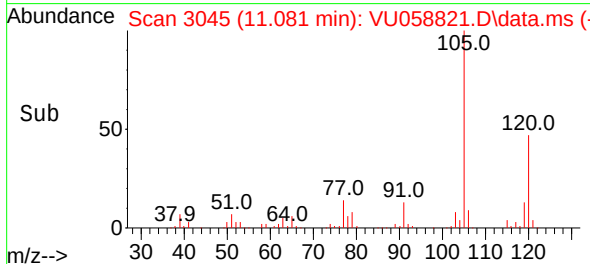
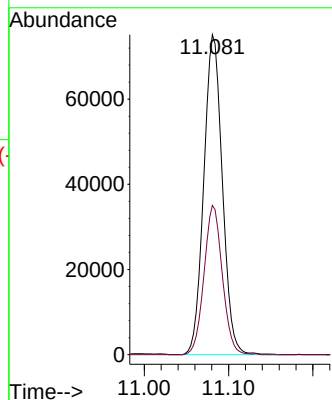
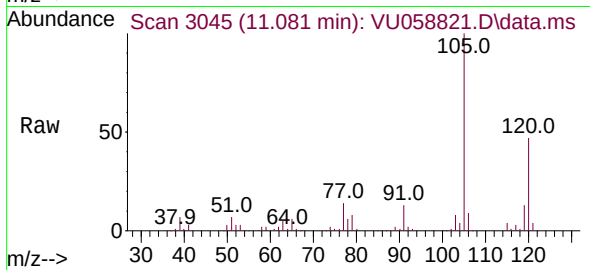
ClientSampleId :

Tgt Ion:105 Resp: 115294

Ion Ratio Lower Upper

105 100

120 46.0 36.2 54.4



#63

1,2,4-Trimethylbenzene

Concen: 5.492 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU058821.D

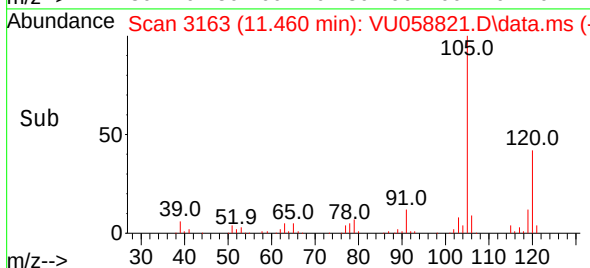
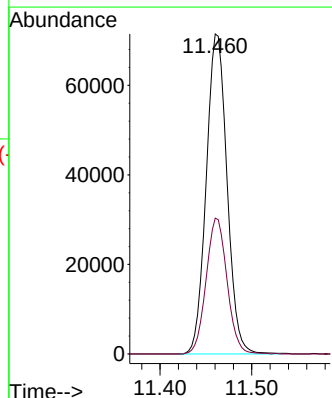
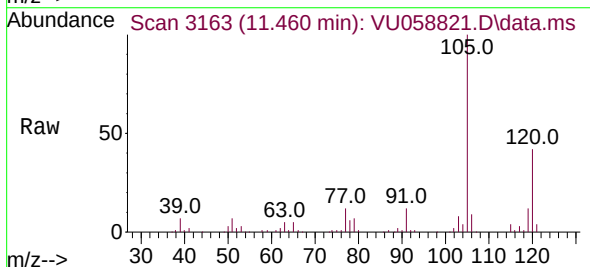
Acq: 06 May 2024 08:57

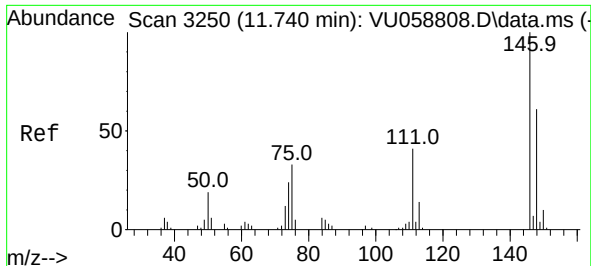
Tgt Ion:105 Resp: 112594

Ion Ratio Lower Upper

105 100

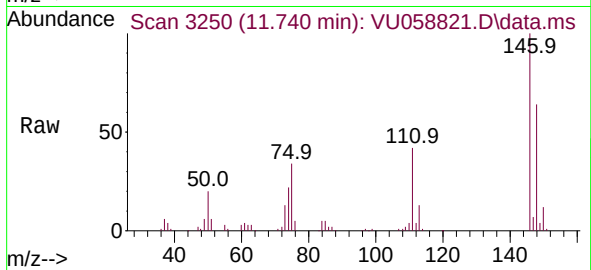
120 42.7 33.4 50.0



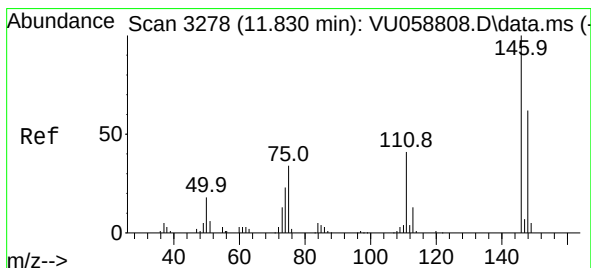
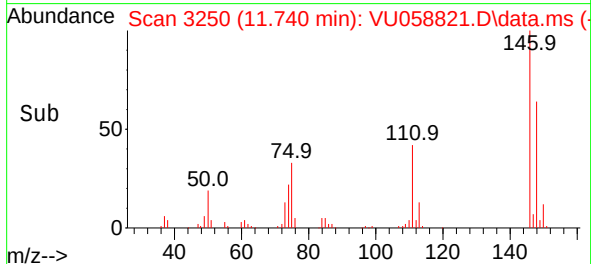
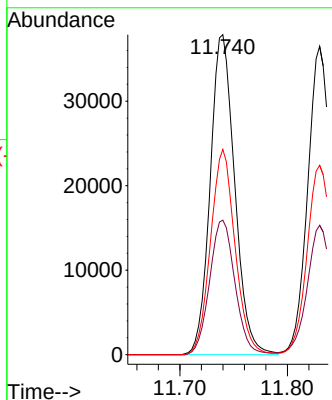


#64
1,3-Dichlorobenzene
Concen: 5.351 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

Instrument :
MSVOA_U
ClientSampleId :

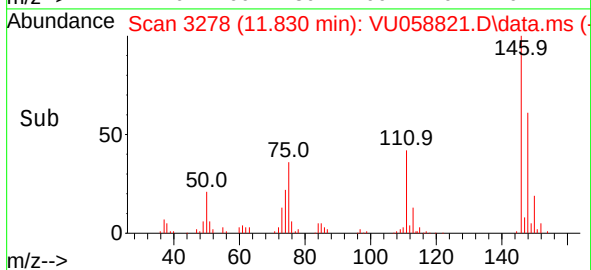
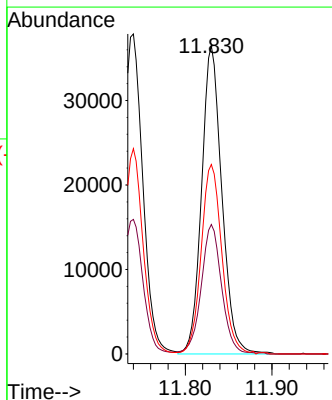
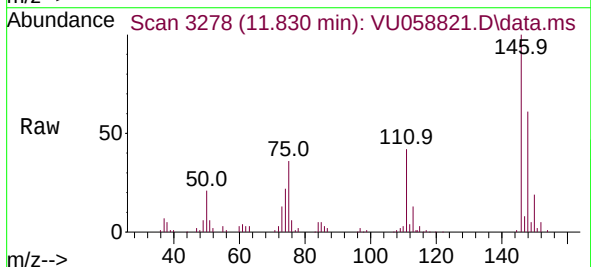


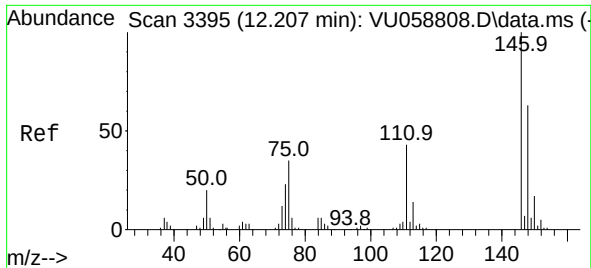
Tgt Ion:146 Resp: 60049
Ion Ratio Lower Upper
146 100
111 42.1 30.9 57.3
148 64.2 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 5.414 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

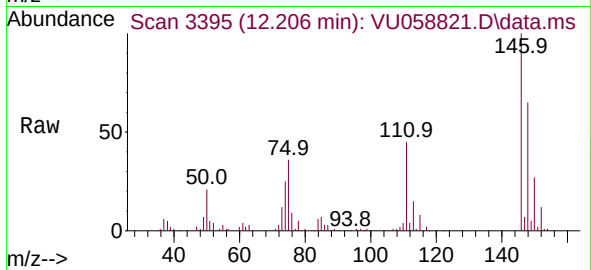
Tgt Ion:146 Resp: 59289
Ion Ratio Lower Upper
146 100
111 42.0 29.3 54.3
148 61.4 44.4 82.4



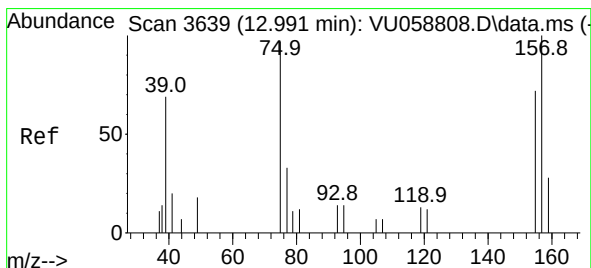
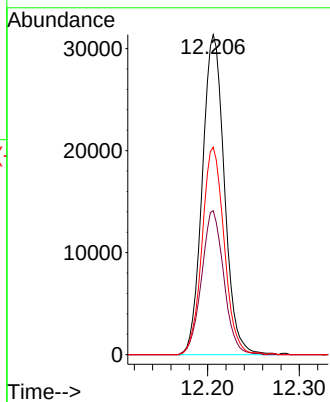
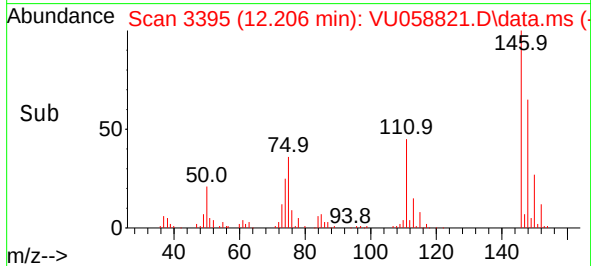


#67
1,2-Dichlorobenzene
Concen: 5.396 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

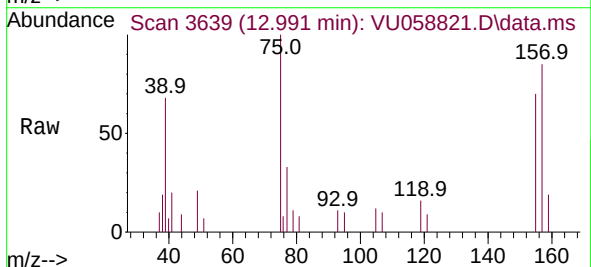
Instrument :
MSVOA_U
ClientSampleId :



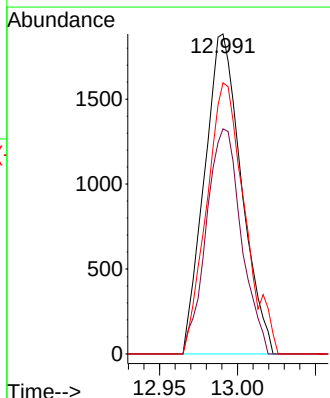
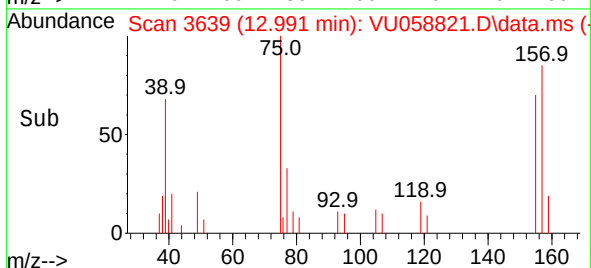
Tgt Ion:146 Resp: 52420
Ion Ratio Lower Upper
146 100
111 45.0 35.7 53.5
148 64.8 51.6 77.4

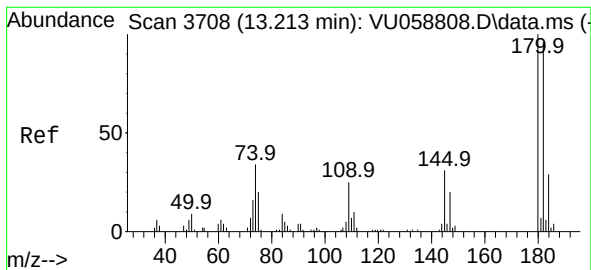


#68
1,2-Dibromo-3-chloropropane
Concen: 6.006 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57



Tgt Ion: 75 Resp: 3101
Ion Ratio Lower Upper
75 100
155 70.3 53.6 80.4
157 84.8 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 5.703 ug/L

RT: 13.213 min Scan# 3708

Delta R.T. -0.000 min

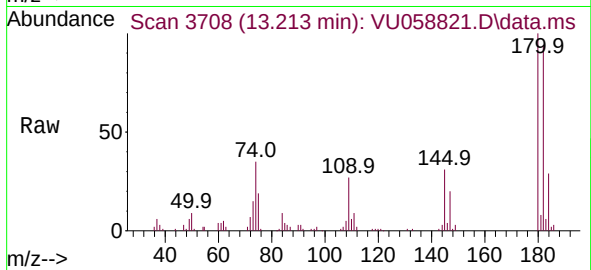
Lab File: VU058821.D

Acq: 06 May 2024 08:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 45790

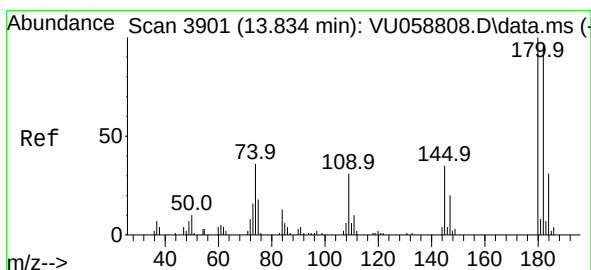
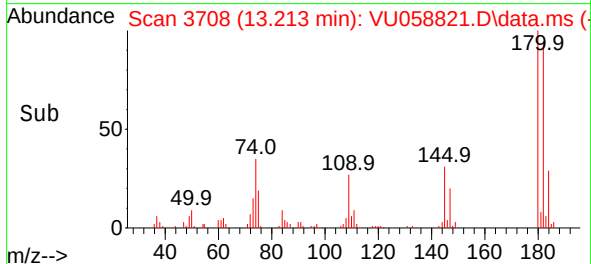
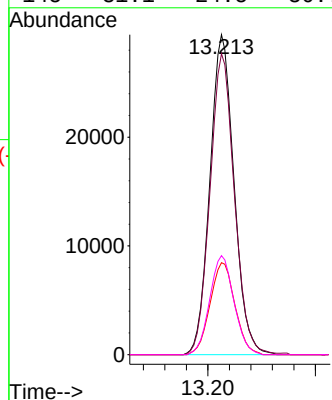
Ion Ratio Lower Upper

180 100

182 95.2 75.9 113.9

184 29.6 24.7 37.1

145 31.1 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 5.260 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU058821.D

Acq: 06 May 2024 08:57

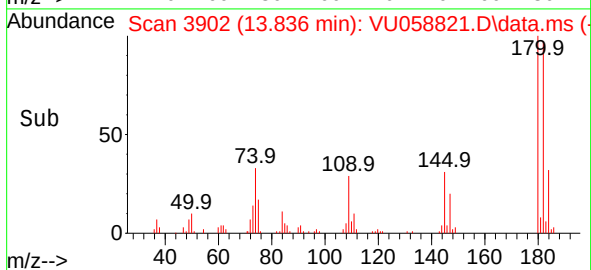
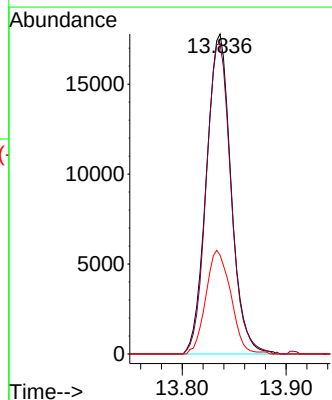
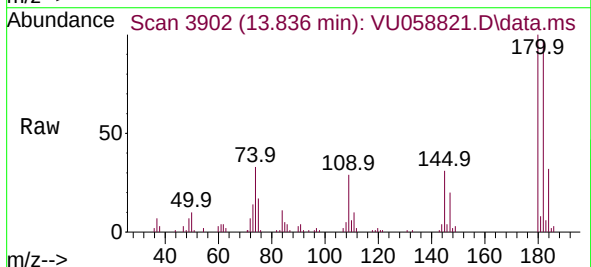
Tgt Ion:180 Resp: 29357

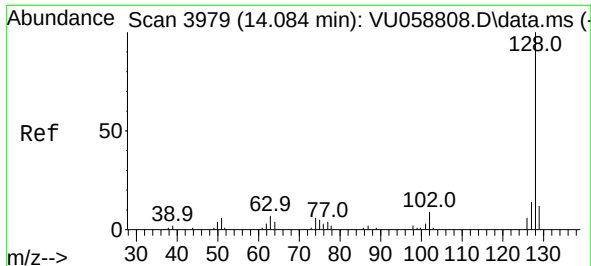
Ion Ratio Lower Upper

180 100

182 97.4 75.9 113.9

145 32.7 25.7 38.5

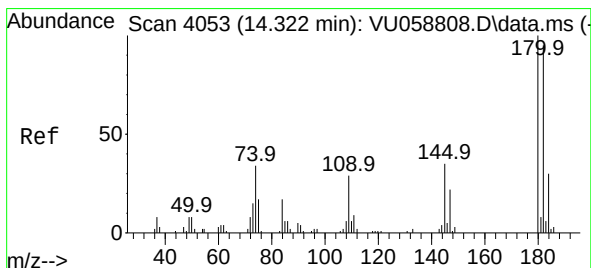
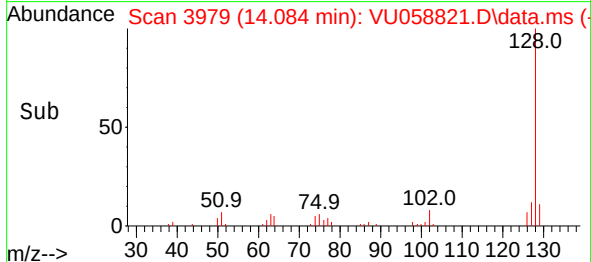
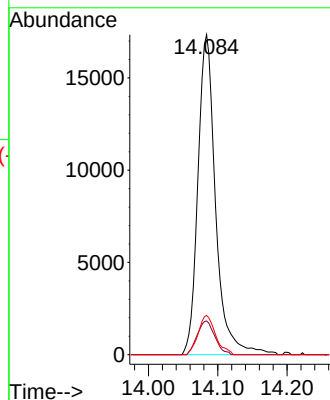
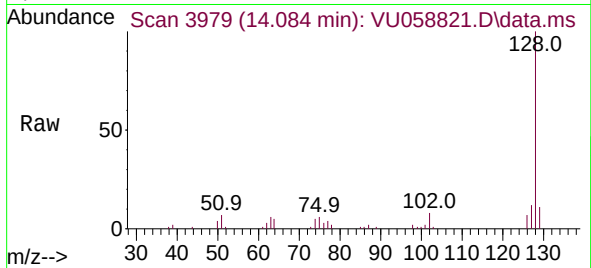




#71
Naphthalene
Concen: 4.570 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 30858
Ion Ratio Lower Upper
128 100
129 10.5 8.2 12.4
127 12.0 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.066 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU058821.D
Acq: 06 May 2024 08:57

Tgt Ion:180 Resp: 22409
Ion Ratio Lower Upper
180 100
182 101.5 75.0 112.6
145 33.9 27.6 41.4

