

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048155.D
 Acq On : 20 Apr 2022 20:00
 Operator : SY/MD
 Sample : N2485-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J23

Quant Time: Apr 21 02:45:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 21 02:37:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	413547	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.452	117	108733	50.000	ug/L	# 0.03
58) 1,4-Dichlorobenzene-d4	11.761	152	2852	50.000	ug/L	#-0.05
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	116022	38.688	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.380%
7) Chloroethane-d5	1.913	69	97425	41.201	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.568	63	150603	27.449	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.900%#
21) 2-Butanone-d5	4.626	46	207550	80.633	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.630%
24) Chloroform-d	5.067	84	283832	51.726	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.460%
26) 1,2-Dichloroethane-d4	5.713	65	86570	25.724	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	51.440%#
32) Benzene-d6	5.761	84	453777	165.852	ug/L	0.03
Spiked Amount	50.000	Range	70 - 125	Recovery	=	331.700%#
36) 1,2-Dichloropropane-d6	6.694	67	152174	181.104	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	362.200%#
41) Toluene-d8	7.903	98	434923	163.155	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	326.320%#
43) trans-1,3-Dichloroprop...	8.182	79	67751	159.155	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	318.320%#
47) 2-Hexanone-d5	8.642	63	168352	342.257	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	342.260%#
56) 1,1,2,2-Tetrachloroeth...	10.761	84	260885	180.915	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	361.840%#
66) 1,2-Dichlorobenzene-d4	12.234	152	199745	3936.651	ug/L	0.04
Spiked Amount	50.000	Range	80 - 120	Recovery	=	7873.300%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1468	0.482	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1351	0.476	ug/L #	1
13) Acetone	2.626	43	559999	233.784	ug/L	98
14) Carbon disulfide	2.797	76	5331	0.595	ug/L	98
16) Methylene chloride	3.047	84	175465	53.903	ug/L	98
19) 1,1-Dichloroethane	3.871	63	3438	0.652	ug/L #	96
22) 2-Butanone	4.710	43	52776	17.104	ug/L	96
25) Chloroform	5.089	83	1750788	308.167	ug/L	98
27) 1,2-Dichloroethane	5.842	62	3488063	794.671	ug/L #	75
29) Cyclohexane	5.395	56	46793	42.410	ug/L	94
31) Carbon tetrachloride	5.530	117	53152	47.742	ug/L	99
34) Trichloroethene	6.549	95	3142	3.808	ug/L #	77
35) Methylcyclohexane	6.768	83	9476	7.549	ug/L #	76
37) 1,2-Dichloropropane	6.797	63	1860	2.325	ug/L #	93
38) Bromodichloromethane	7.108	83	701	0.638	ug/L #	97
39) cis-1,3-Dichloropropene	7.690	75	1735	1.398	ug/L	84
40) 4-Methyl-2-pentanone	7.797	43	7128	5.637	ug/L	93
42) Toluene	7.973	91	97949	28.364	ug/L	98
44) trans-1,3-Dichloropropene	8.179	75	2645	2.134	ug/L	97

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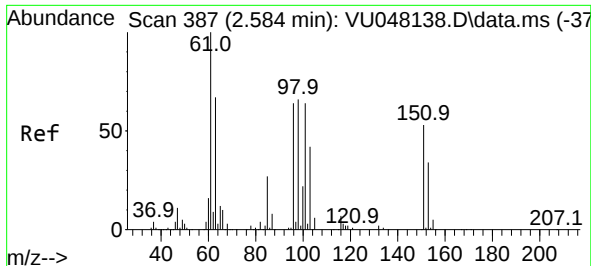
Instrument :
 MSVOA_U
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.407	97	988	1.164	ug/L	83
46) Tetrachloroethene	8.562	164	2968	4.003	ug/L	89
48) 2-Hexanone	8.642	43	12728	11.701	ug/L #	75
52) Ethylbenzene	9.610	91	3698	1.018	ug/L	100
53) m,p-Xylene	9.716	106	2971	2.085	ug/L	77
54) o-Xylene	10.112	106	1381	0.988	ug/L	87
57) 1,1,2,2-Tetrachloroethane	10.787	83	2054	1.291	ug/L #	77
60) 1,2,3-Trichloropropane	10.829	75	973	18.097	ug/L #	67
61) Isopropylbenzene	10.491	105	511	3.315	ug/L #	40
62) 1,3,5-Trimethylbenzene	11.095	105	395	4.723	ug/L	94
63) 1,2,4-Trimethylbenzene	11.095	105	395	3.109	ug/L	99
64) 1,3-Dichlorobenzene	11.764	146	13871418	161912.882	ug/L	98
65) 1,4-Dichlorobenzene	11.764	146	13871418	156317.363	ug/L	97
67) 1,2-Dichlorobenzene	12.150	146	555	6.474	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.973	75	44580	2588.527	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.848	180	8327056	119678.565	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	8327056	136634.934	ug/L	99
71) Naphthalene	14.089	128	4013	22.086	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	1902924	31147.032	ug/L	99

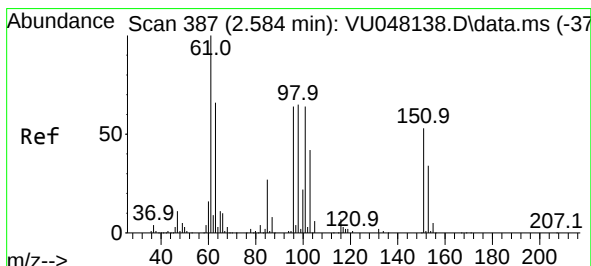
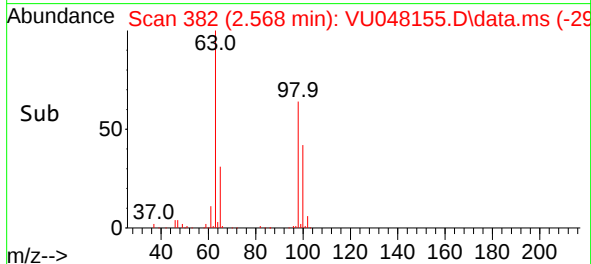
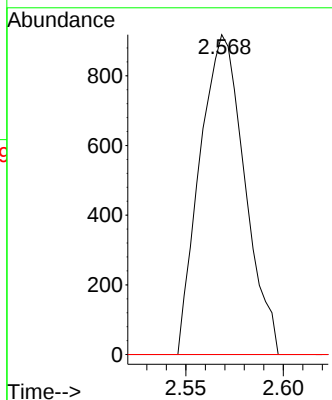
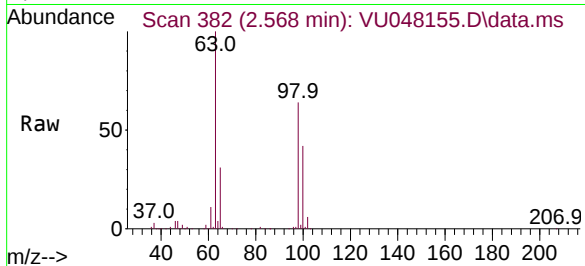
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.482 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048155.D
 Acq: 20 Apr 2022 20:00

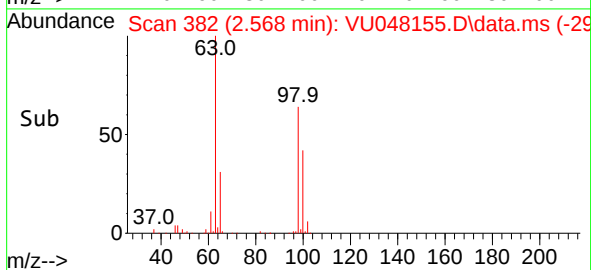
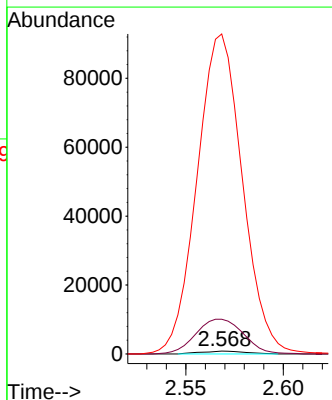
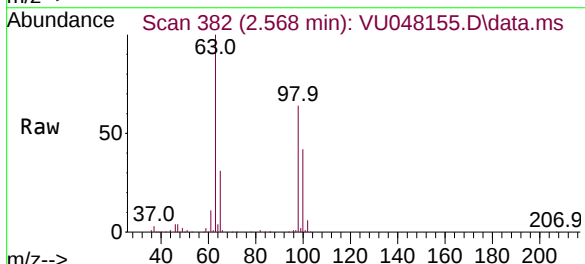
Instrument :
 MSVOA_U
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 C0J23

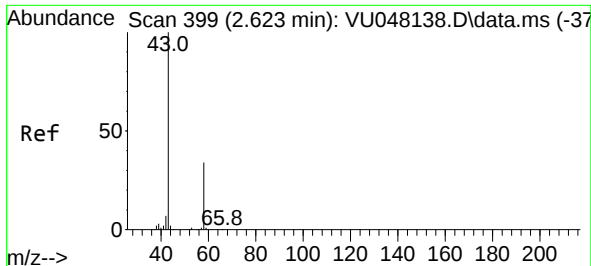
Tgt Ion:101 Resp: 1468
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.476 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048155.D
 Acq: 20 Apr 2022 20:00

Tgt Ion: 96 Resp: 1351
 Ion Ratio Lower Upper
 96 100
 61 1221.3 113.1 210.1#
 63 11244.6 94.8 176.0#





#13

Acetone

Concen: 233.784 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU048155.D

Acq: 20 Apr 2022 20:00

Instrument :

MSVOA_U

ClientSampleId :

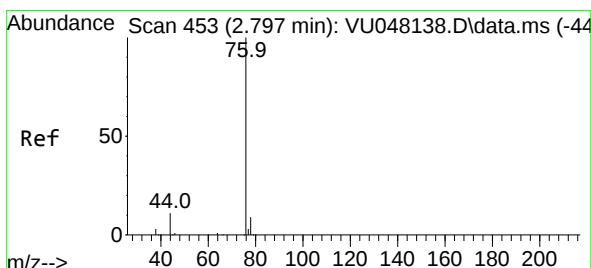
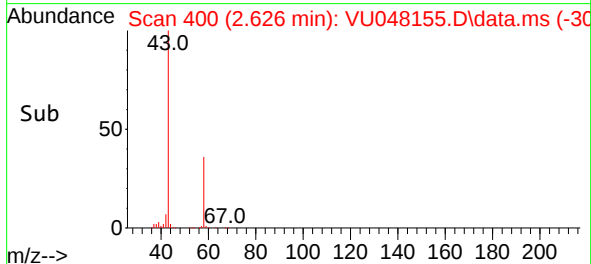
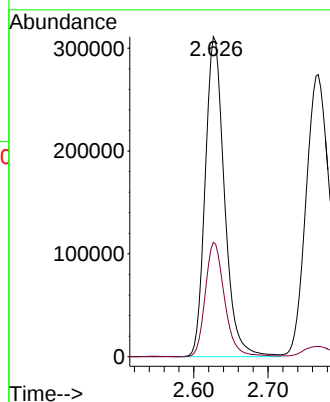
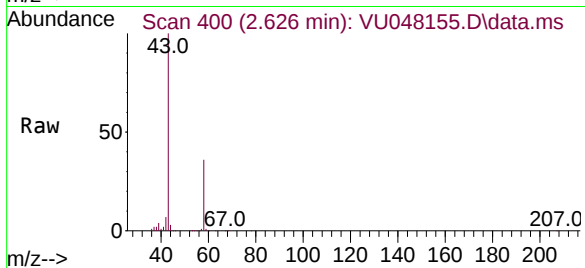
C0J23

Tgt Ion: 43 Resp: 559999

Ion Ratio Lower Upper

43 100

58 35.9 0.0 70.0



#14

Carbon disulfide

Concen: 0.595 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.000 min

Lab File: VU048155.D

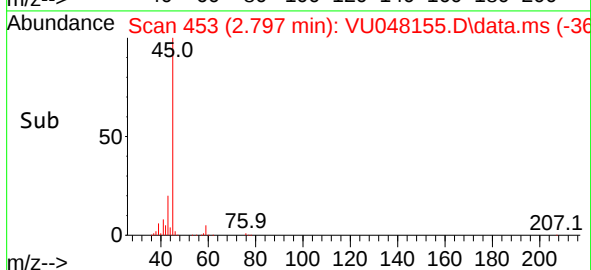
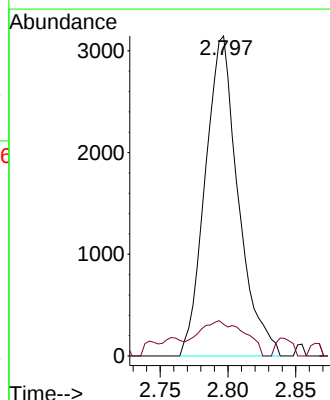
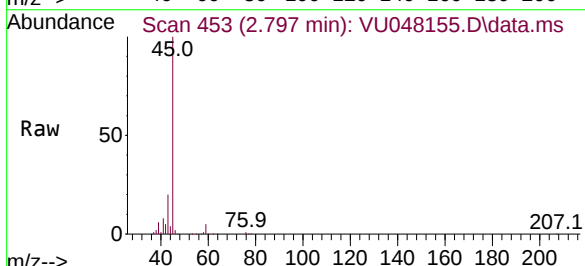
Acq: 20 Apr 2022 20:00

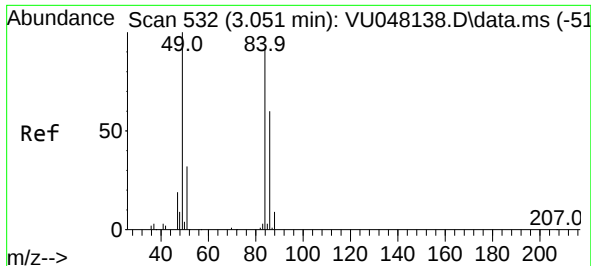
Tgt Ion: 76 Resp: 5331

Ion Ratio Lower Upper

76 100

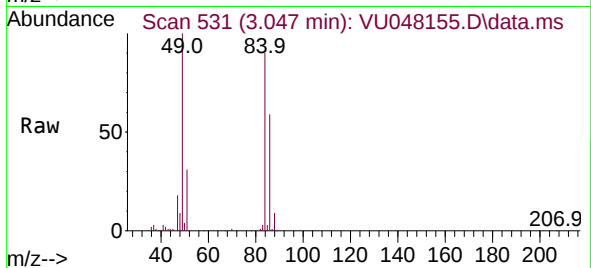
78 9.9 7.4 11.0



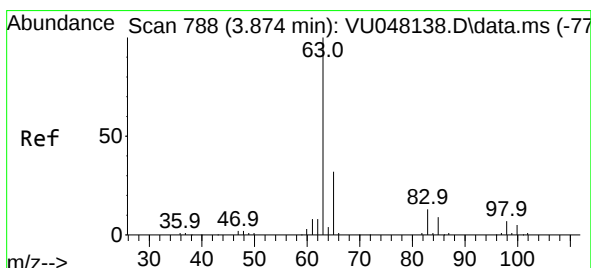
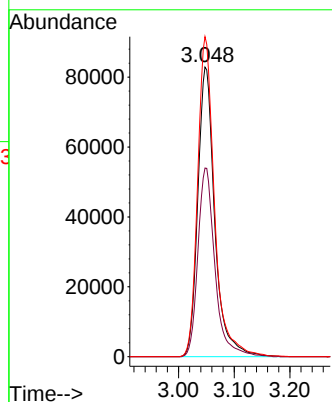
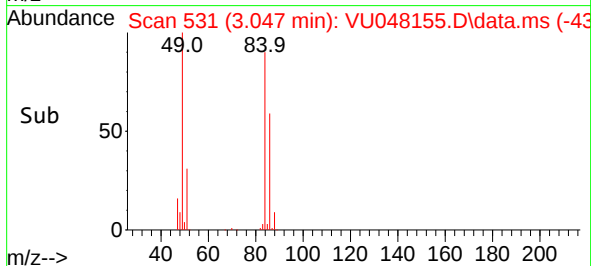


#16
Methylene chloride
Concen: 53.903 ug/L
RT: 3.047 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048155.D
Acq: 20 Apr 2022 20:00

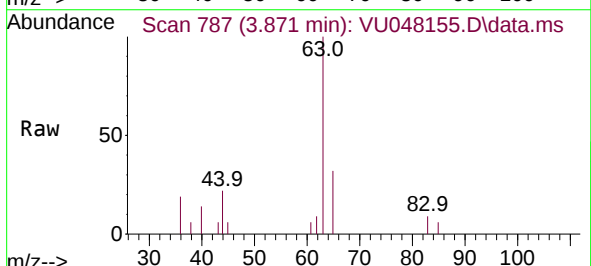
Instrument :
MSVOA_U
ClientSampleId :
C0J23



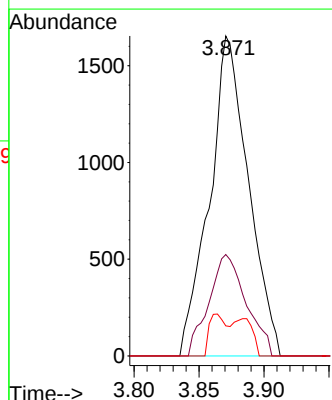
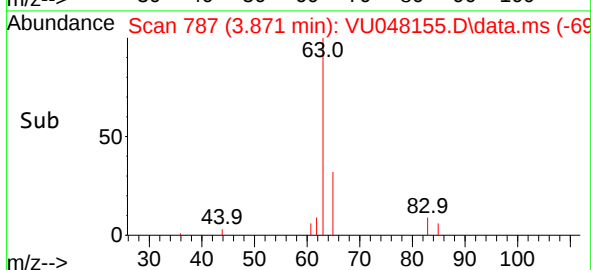
Tgt Ion: 84 Resp: 175465
Ion Ratio Lower Upper
84 100
86 65.2 46.0 85.4
49 110.5 75.3 139.8

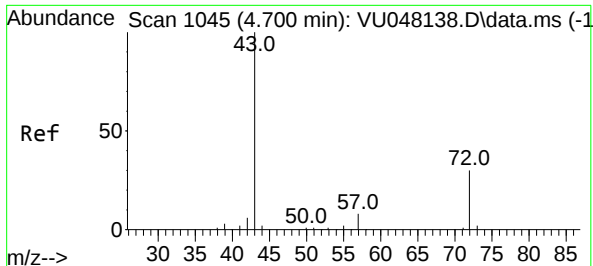


#19
1,1-Dichloroethane
Concen: 0.652 ug/L
RT: 3.871 min Scan# 787
Delta R.T. -0.003 min
Lab File: VU048155.D
Acq: 20 Apr 2022 20:00



Tgt Ion: 63 Resp: 3438
Ion Ratio Lower Upper
63 100
65 31.7 22.0 41.0
83 9.4 9.7 18.1#





#22

2-Butanone

Concen: 17.104 ug/L

RT: 4.710 min Scan# 110

Delta R.T. 0.010 min

Lab File: VU048155.D

Acq: 20 Apr 2022 20:00

Instrument :

MSVOA_U

ClientSampleId :

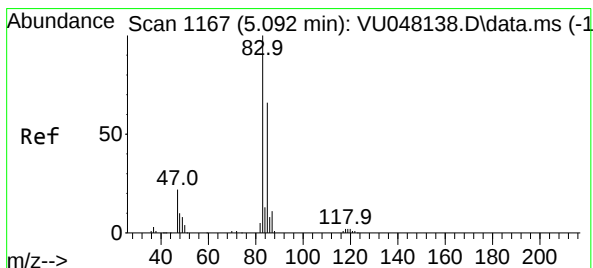
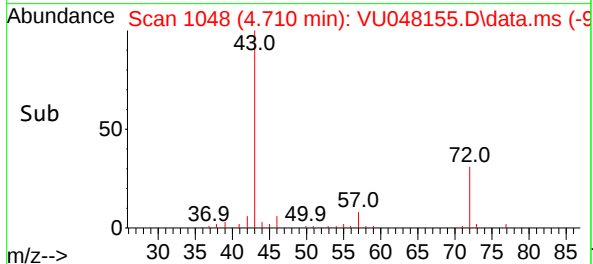
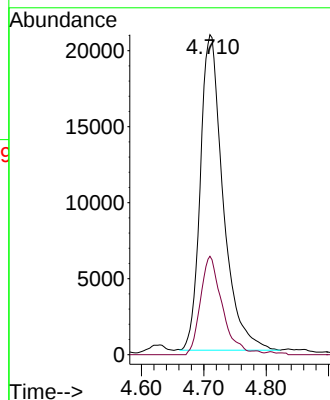
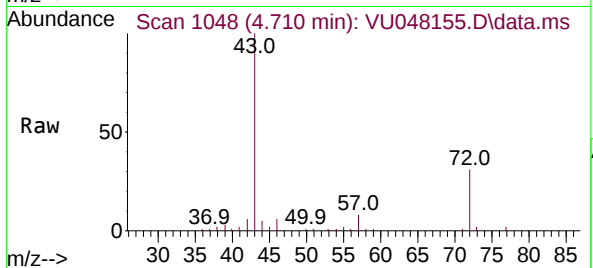
C0J23

Tgt Ion: 43 Resp: 52776

Ion Ratio Lower Upper

43 100

72 29.4 16.0 47.9



#25

Chloroform

Concen: 308.167 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU048155.D

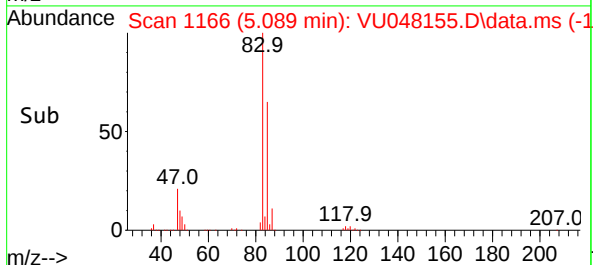
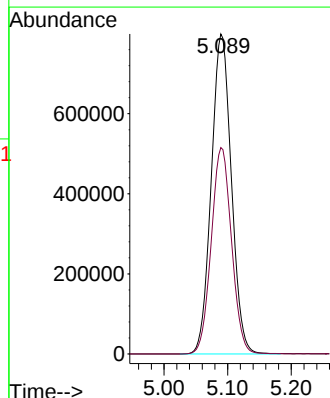
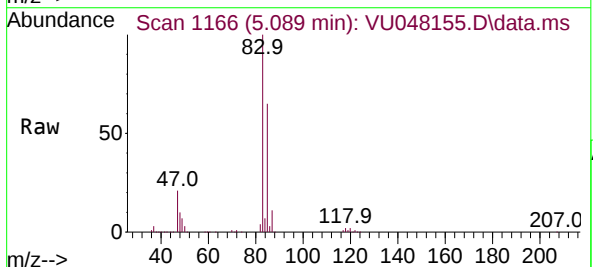
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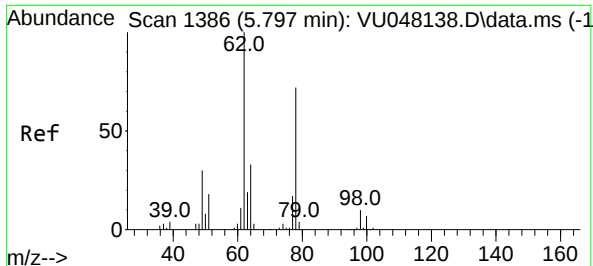
Tgt Ion: 83 Resp: 1750788

Ion Ratio Lower Upper

83 100

85 64.5 46.2 85.8





#27

1,2-Dichloroethane

Concen: 794.671 ug/L

RT: 5.842 min Scan# 1400

Delta R.T. 0.045 min

Lab File: VU048155.D

Acq: 20 Apr 2022 20:00

Instrument :

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ClientSampleId :

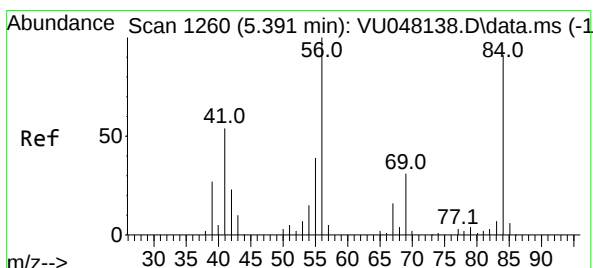
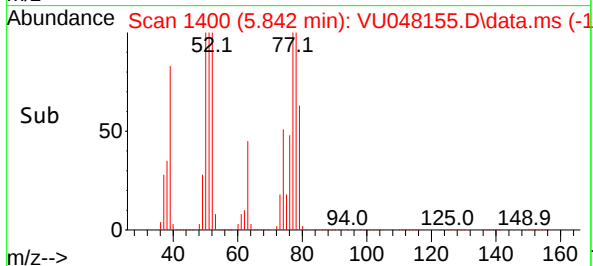
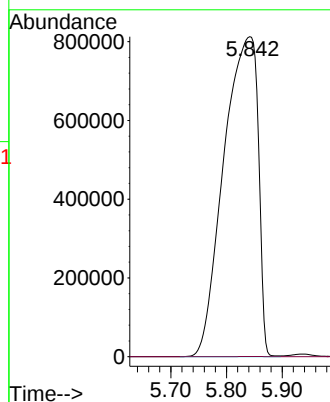
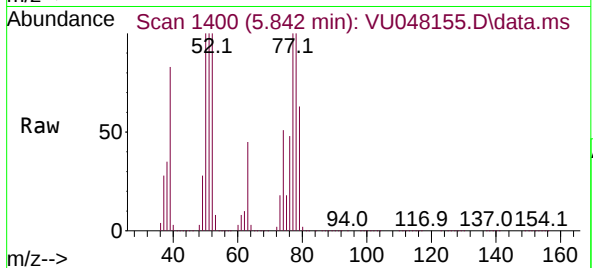
C0J23

Tgt Ion: 62 Resp: 3488063

Ion Ratio Lower Upper

62 100

98 0.1 7.4 11.0#



#29

Cyclohexane

Concen: 42.410 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.003 min

Lab File: VU048155.D

Acq: 20 Apr 2022 20:00

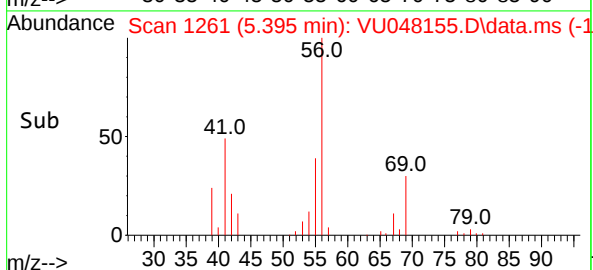
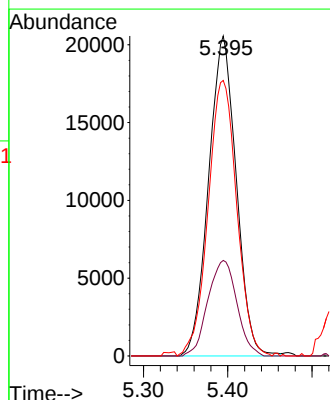
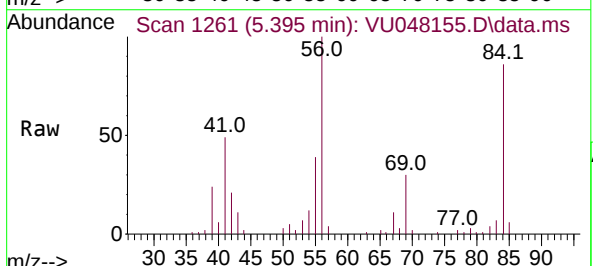
Tgt Ion: 56 Resp: 46793

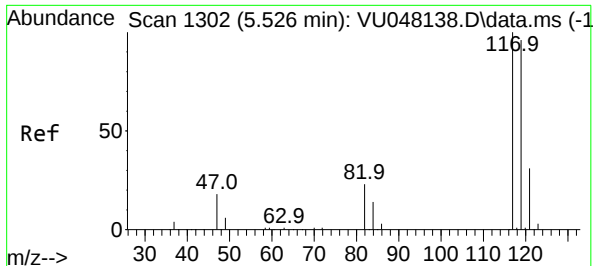
Ion Ratio Lower Upper

56 100

69 31.3 25.4 38.2

84 89.3 77.0 115.6

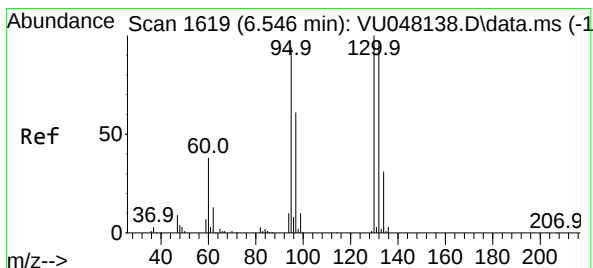
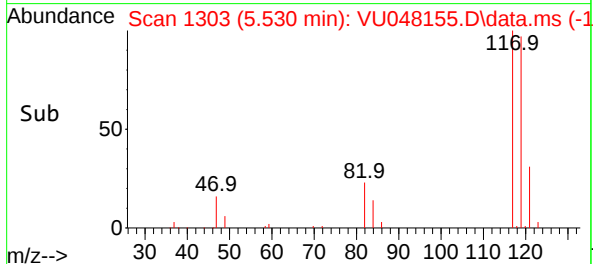
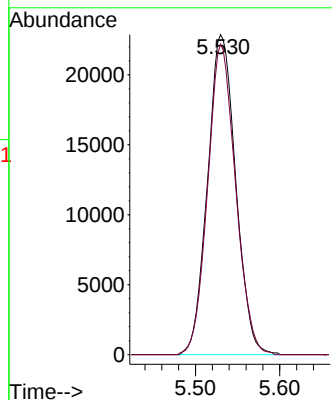
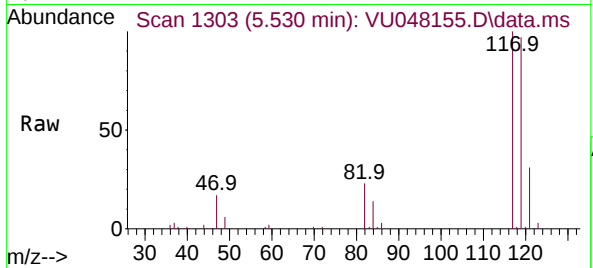




#31
Carbon tetrachloride
Concen: 47.742 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU048155.D
Acq: 20 Apr 2022 20:00

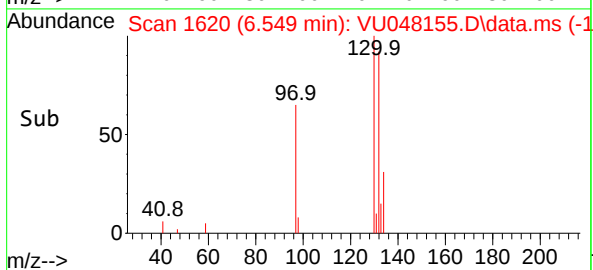
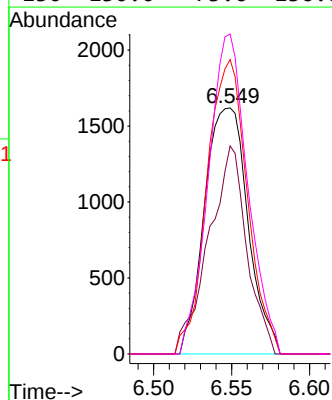
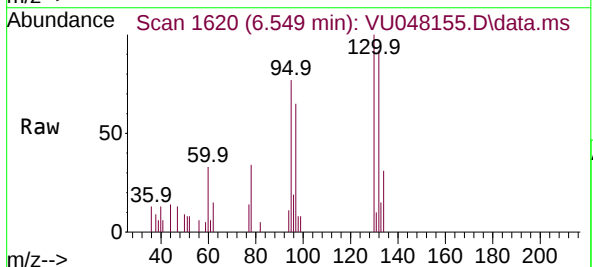
Instrument :
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ClientSampleId :
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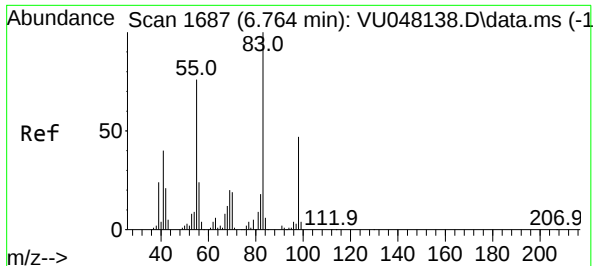
Tgt Ion:117 Resp: 53152
Ion Ratio Lower Upper
117 100
119 95.9 77.2 115.8



#34
Trichloroethene
Concen: 3.808 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU048155.D
Acq: 20 Apr 2022 20:00

Tgt Ion: 95 Resp: 3142
Ion Ratio Lower Upper
95 100
97 84.5 44.7 82.9#
132 119.6 70.4 130.8
130 130.0 73.6 136.8





#35

Methylcyclohexane

Concen: 7.549 ug/L

RT: 6.768 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048155.D

Acq: 20 Apr 2022 20:00

Instrument :

MSVOA_U

ClientSampleId :

C0J23

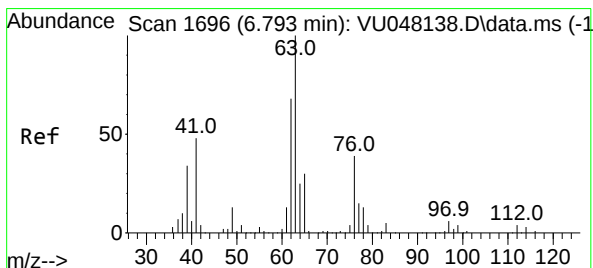
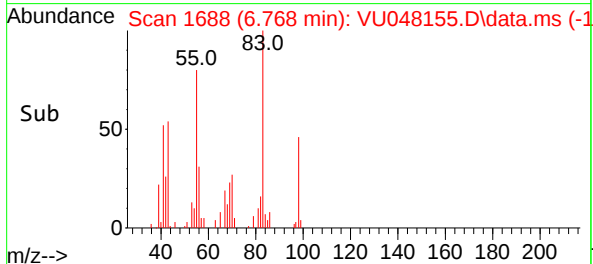
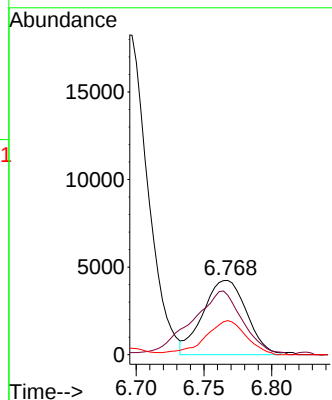
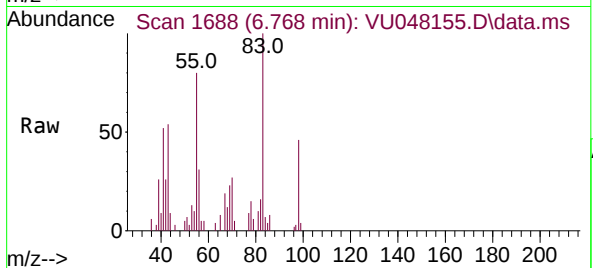
Tgt Ion: 83 Resp: 9476

Ion Ratio Lower Upper

83 100

55 100.5 56.8 85.2#

98 43.5 38.1 57.1



#37

1,2-Dichloropropane

Concen: 2.325 ug/L

RT: 6.797 min Scan# 1697

Delta R.T. 0.003 min

Lab File: VU048155.D

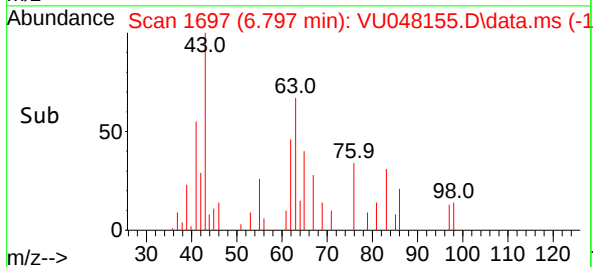
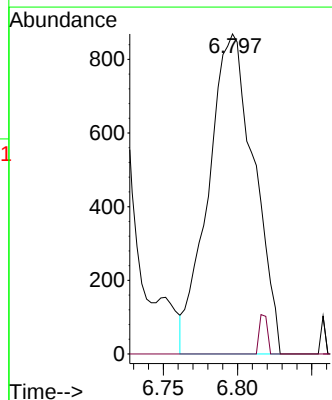
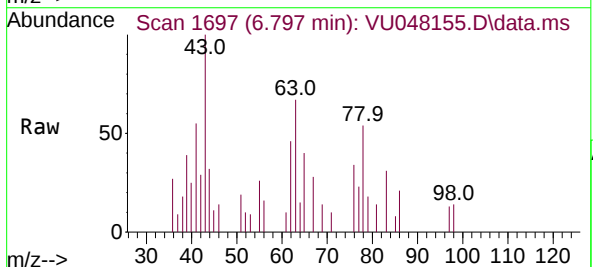
Acq: 20 Apr 2022 20:00

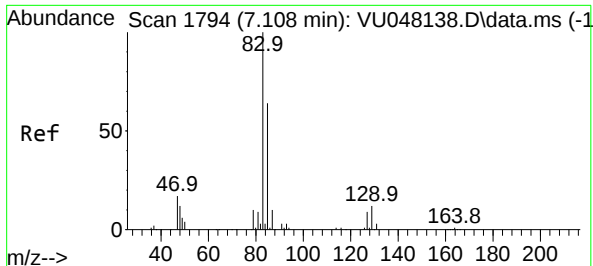
Tgt Ion: 63 Resp: 1860

Ion Ratio Lower Upper

63 100

112 2.2 3.4 5.2#

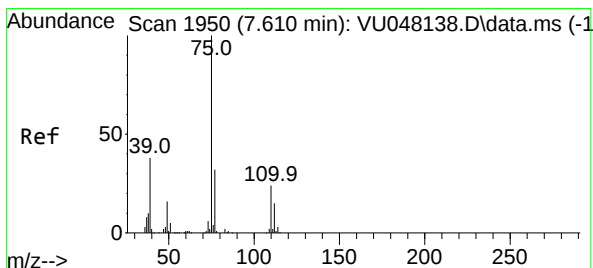
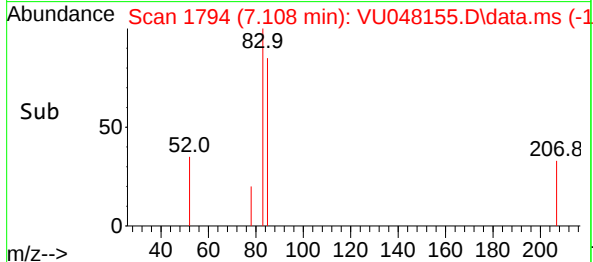
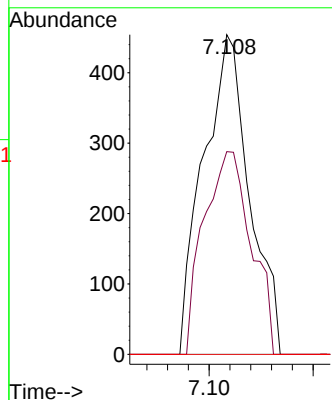
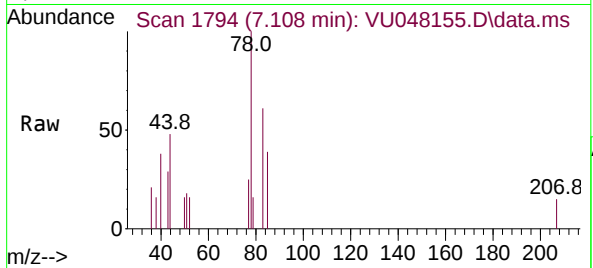




#38
Bromodichloromethane
Concen: 0.638 ug/L
RT: 7.108 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048155.D
Acq: 20 Apr 2022 20:00

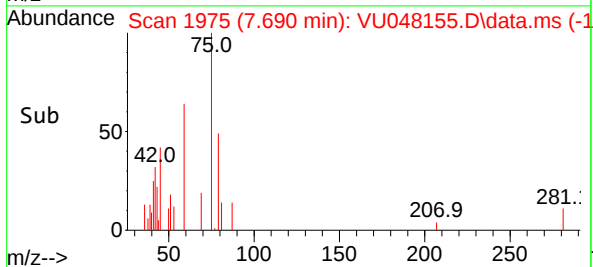
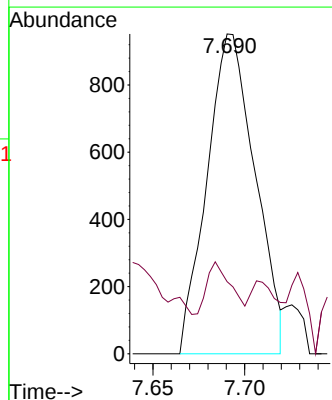
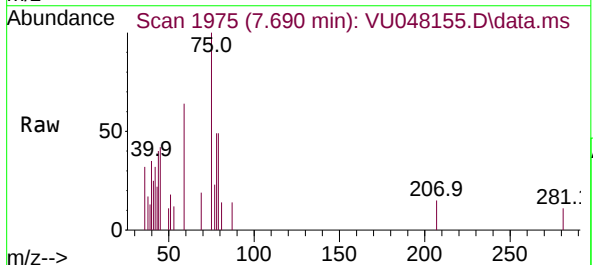
Instrument :
MSVOA_U
ClientSampleId :
C0J23

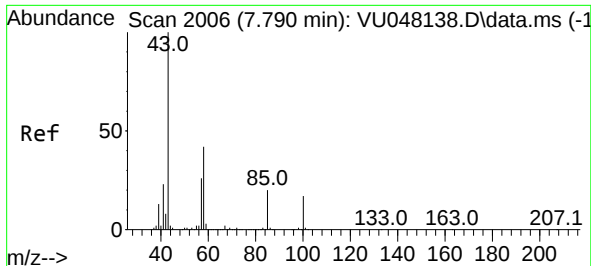
Tgt Ion: 83 Resp: 701
Ion Ratio Lower Upper
83 100
85 63.4 44.4 82.4
127 0.0 7.2 10.8#



#39
cis-1,3-Dichloropropene
Concen: 1.398 ug/L
RT: 7.690 min Scan# 1975
Delta R.T. 0.080 min
Lab File: VU048155.D
Acq: 20 Apr 2022 20:00

Tgt Ion: 75 Resp: 1735
Ion Ratio Lower Upper
75 100
77 22.6 21.8 40.6





#40

4-Methyl-2-pentanone

Concen: 5.637 ug/L

RT: 7.797 min Scan# 2006

Delta R.T. 0.006 min

Lab File: VU048155.D

Acq: 20 Apr 2022 20:00

Instrument :

MSVOA_U

ClientSampleId :

C0J23

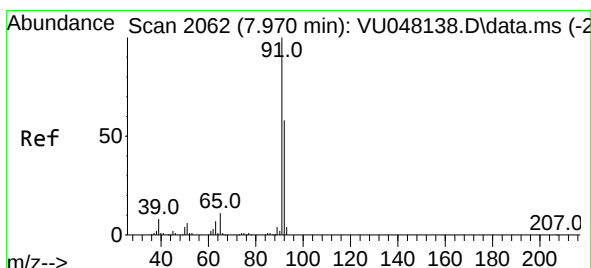
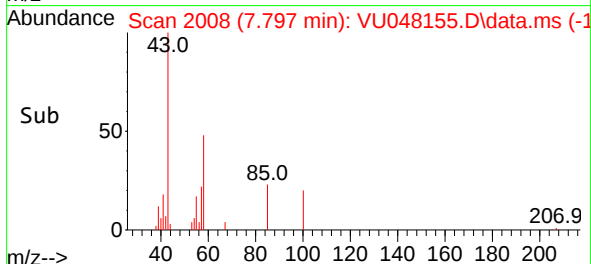
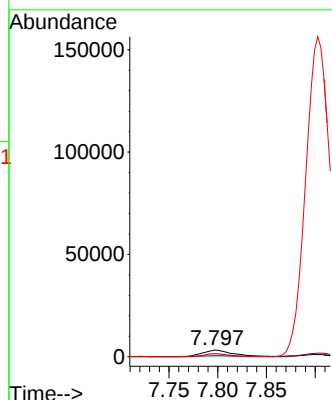
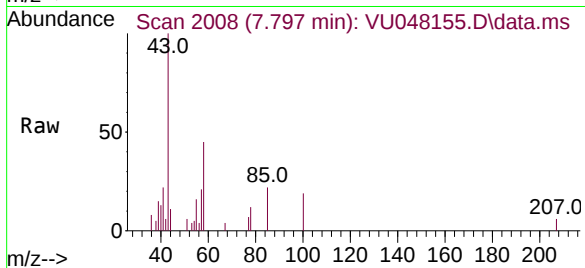
Tgt Ion: 43 Resp: 7128

Ion Ratio Lower Upper

43 100

58 38.9 34.7 52.1

100 14.8 14.2 21.2



#42

Toluene

Concen: 28.364 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU048155.D

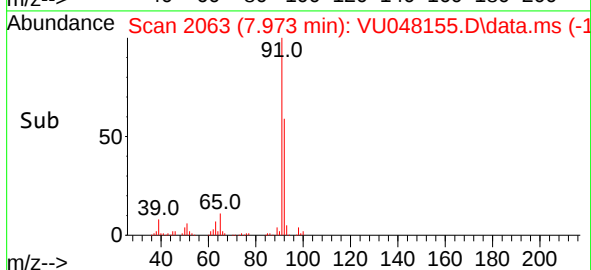
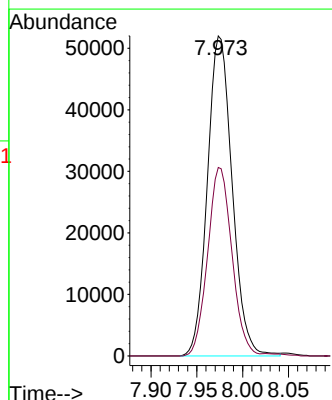
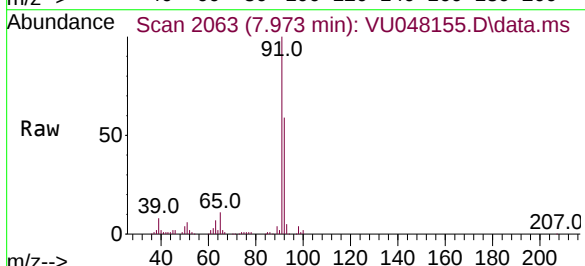
Acq: 20 Apr 2022 20:00

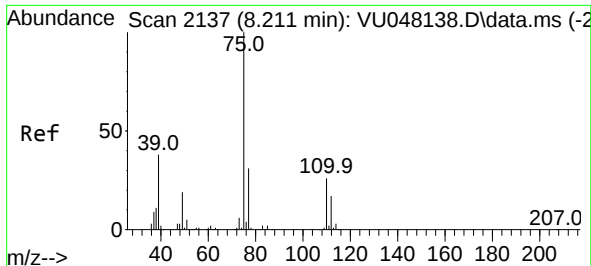
Tgt Ion: 91 Resp: 97949

Ion Ratio Lower Upper

91 100

92 58.9 40.4 75.0

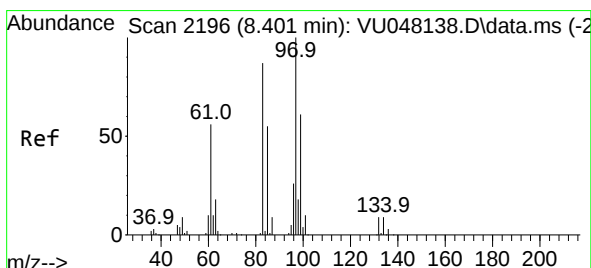
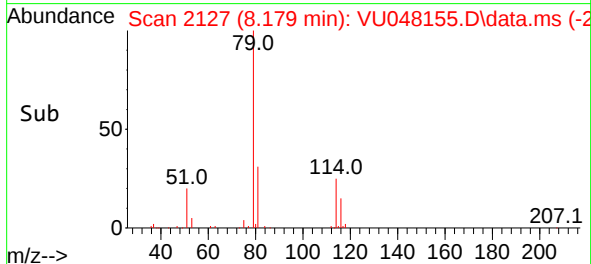
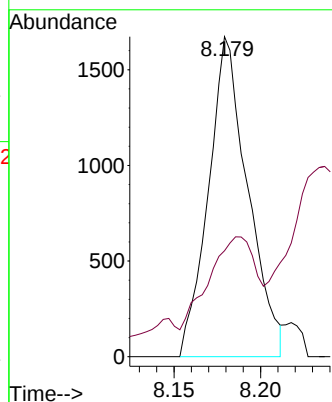
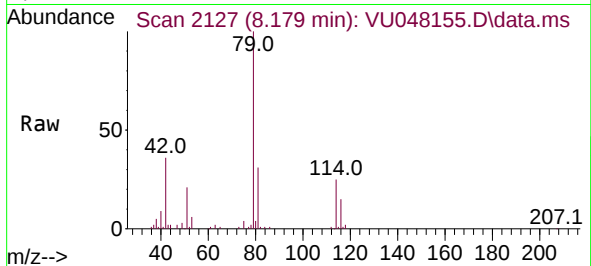




#44
trans-1,3-Dichloropropene
Concen: 2.134 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU048155.D
Acq: 20 Apr 2022 20:00

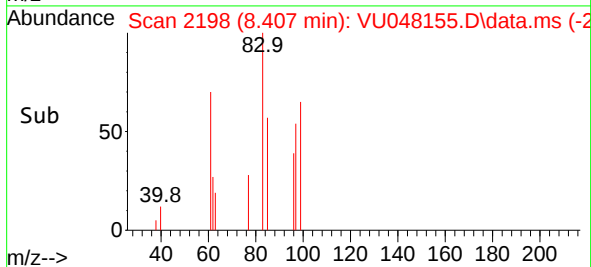
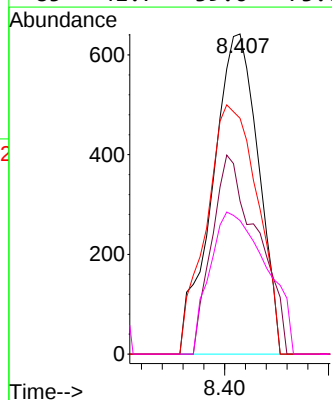
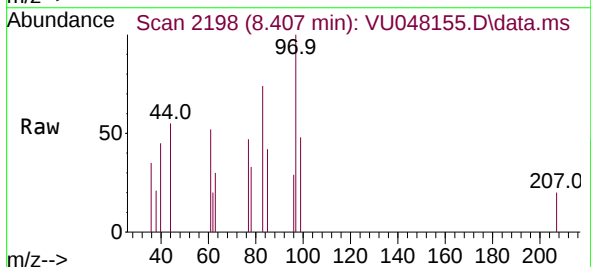
Instrument :
MSVOA_U
ClientSampleId :
C0J23

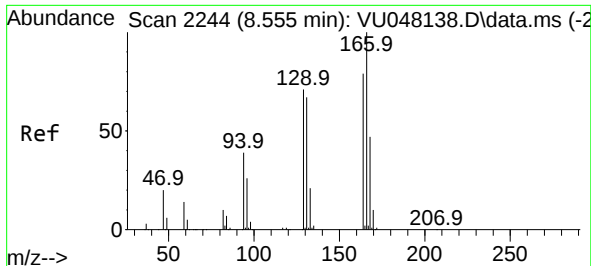
Tgt Ion: 75 Resp: 2645
Ion Ratio Lower Upper
75 100
77 33.1 22.0 40.8



#45
1,1,2-Trichloroethane
Concen: 1.164 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.006 min
Lab File: VU048155.D
Acq: 20 Apr 2022 20:00

Tgt Ion: 97 Resp: 988
Ion Ratio Lower Upper
97 100
99 47.8 43.3 80.3
83 73.7 61.0 113.4
85 41.7 39.6 73.6

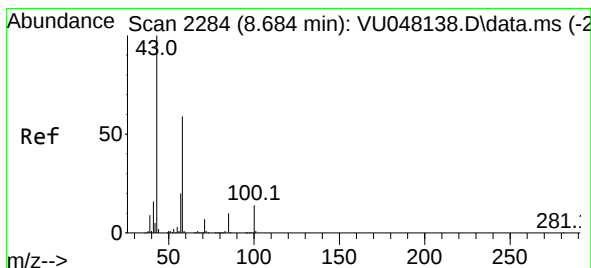
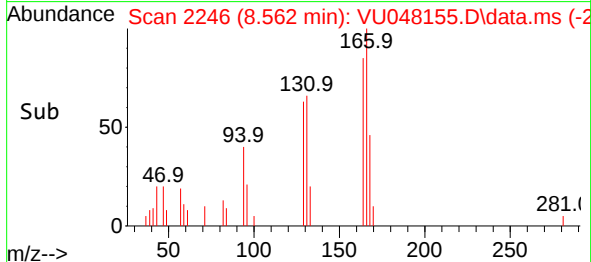
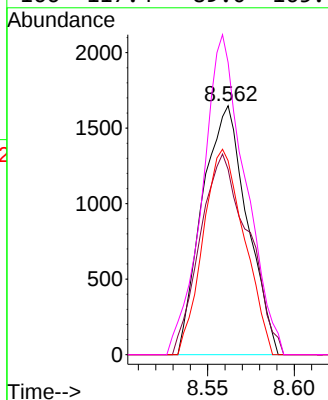
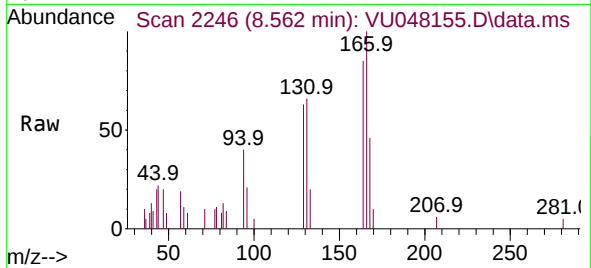




#46
Tetrachloroethene
Concen: 4.003 ug/L
RT: 8.562 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VU048155.D
Acq: 20 Apr 2022 20:00

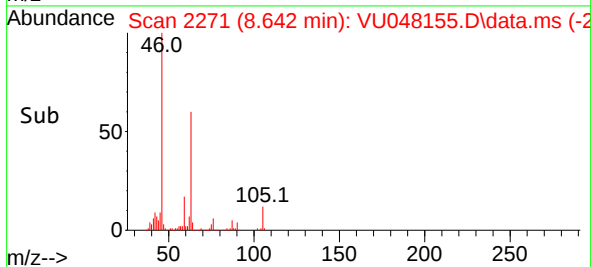
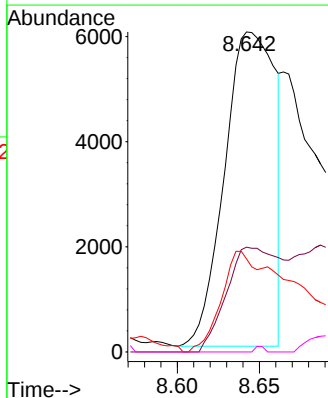
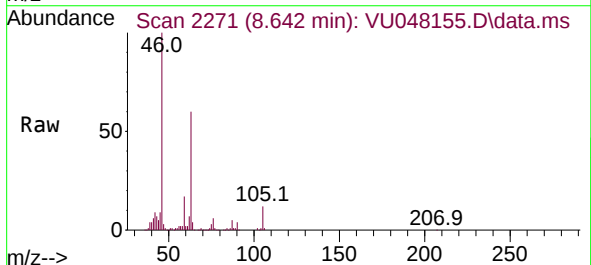
Instrument :
MSVOA_U
ClientSampleId :
C0J23

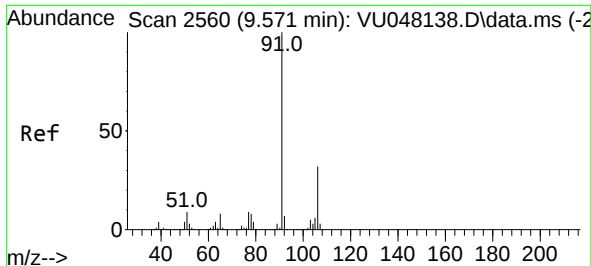
Tgt Ion:	164	Resp:	2968
Ion	Ratio	Lower	Upper
164	100		
129	74.5	62.4	116.0
131	77.9	60.7	112.7
166	117.4	89.0	165.4



#48
2-Hexanone
Concen: 11.701 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.042 min
Lab File: VU048155.D
Acq: 20 Apr 2022 20:00

Tgt Ion:	43	Resp:	12728
Ion	Ratio	Lower	Upper
43	100		
58	37.4	48.1	72.1#
57	21.4	16.2	24.4
100	0.3	11.2	16.8#

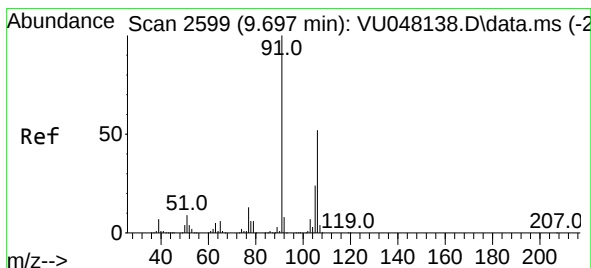
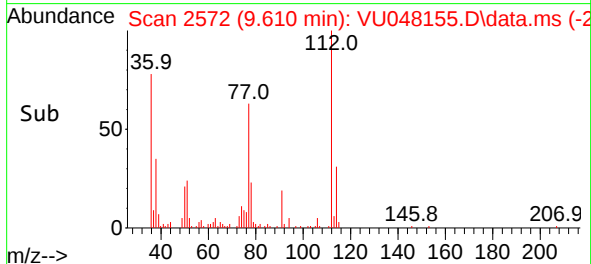
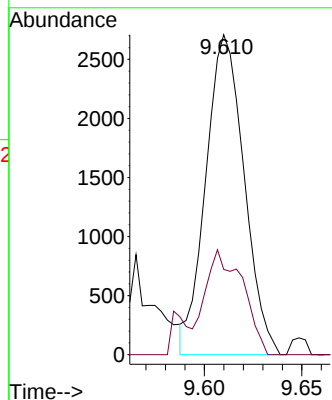
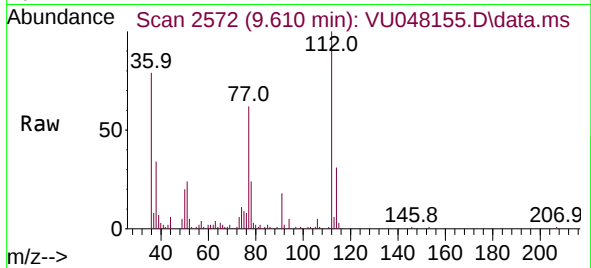




#52
Ethylbenzene
Concen: 1.018 ug/L
RT: 9.610 min Scan# 2105
Delta R.T. 0.039 min
Lab File: VU048155.D
Acq: 20 Apr 2022 20:00

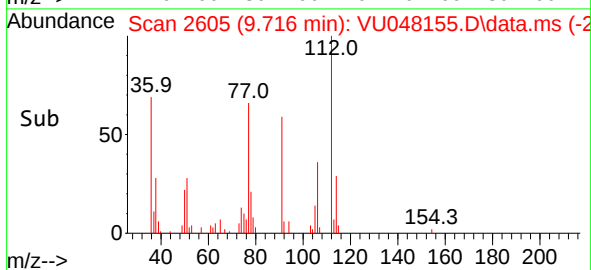
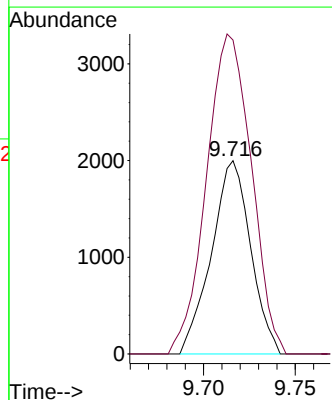
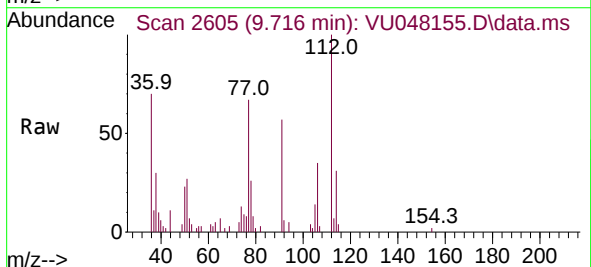
Instrument :
MSVOA_U
ClientSampleId :
C0J23

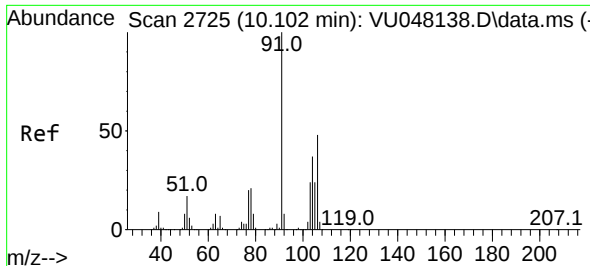
Tgt Ion: 91 Resp: 3698
Ion Ratio Lower Upper
91 100
106 32.0 22.4 41.6



#53
m,p-Xylene
Concen: 2.085 ug/L
RT: 9.716 min Scan# 2605
Delta R.T. 0.019 min
Lab File: VU048155.D
Acq: 20 Apr 2022 20:00

Tgt Ion: 106 Resp: 2971
Ion Ratio Lower Upper
106 100
91 162.4 137.7 255.7

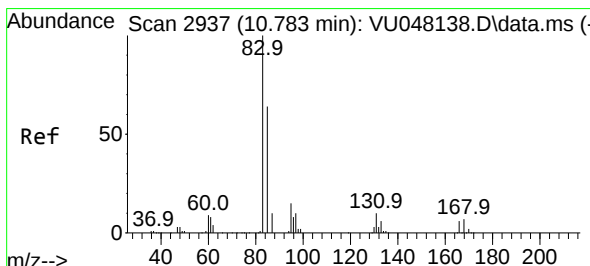
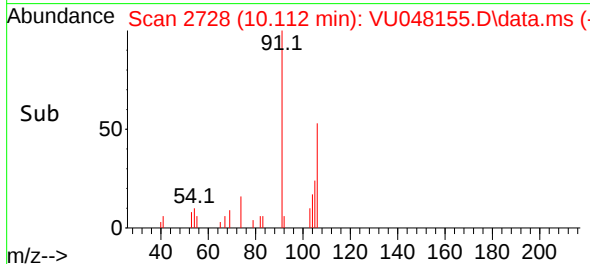
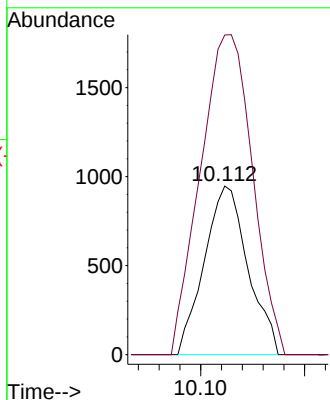
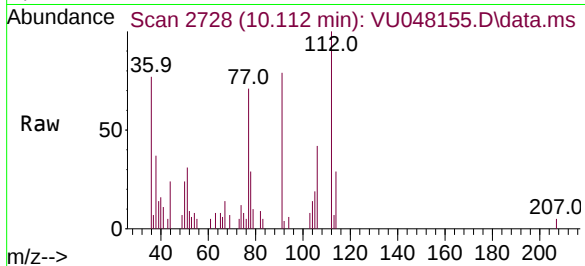




#54
o-Xylene
Concen: 0.988 ug/L
RT: 10.112 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU048155.D
Acq: 20 Apr 2022 20:00

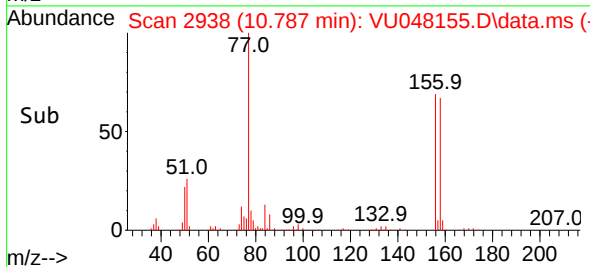
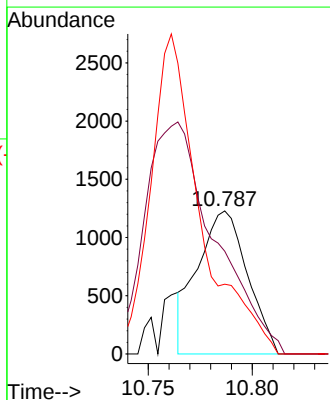
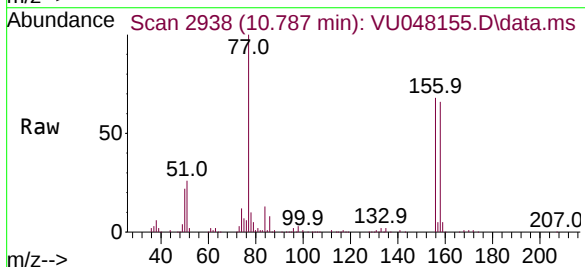
Instrument :
MSVOA_U
ClientSampleId :
C0J23

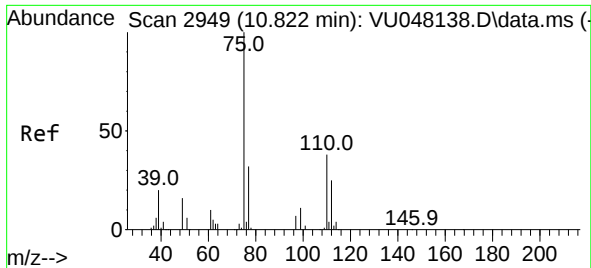
Tgt Ion:106 Resp: 1381
Ion Ratio Lower Upper
106 100
91 189.5 146.7 272.5



#57
1,1,2,2-Tetrachloroethane
Concen: 1.291 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU048155.D
Acq: 20 Apr 2022 20:00

Tgt Ion: 83 Resp: 2054
Ion Ratio Lower Upper
83 100
85 71.8 44.9 83.3
131 48.8 8.6 13.0#

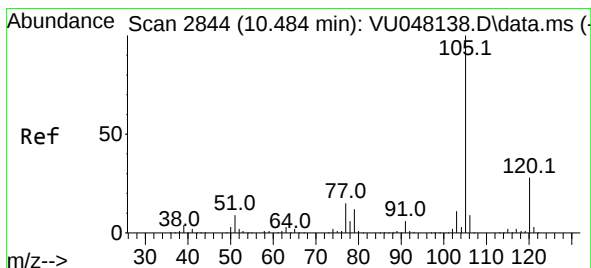
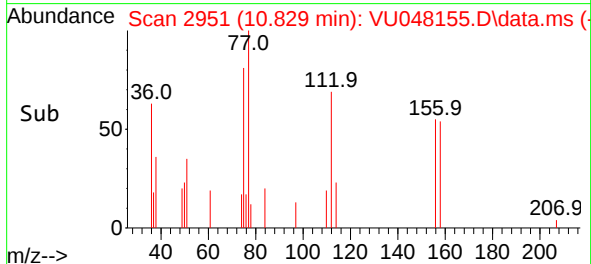
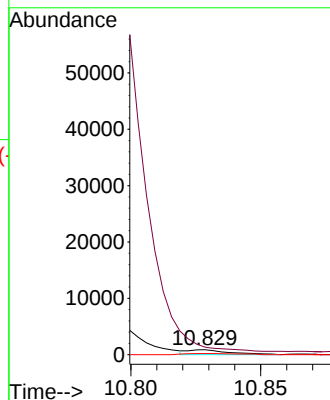
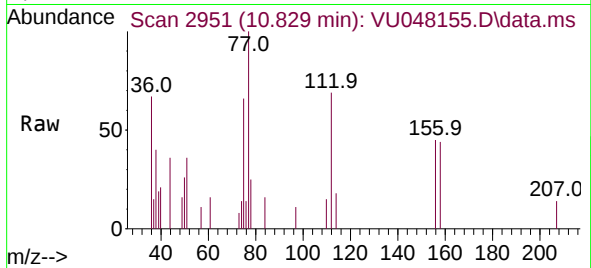




#60
1,2,3-Trichloropropane
Concen: 18.097 ug/L
RT: 10.829 min Scan# 2949
Delta R.T. 0.006 min
Lab File: VU048155.D
Acq: 20 Apr 2022 20:00

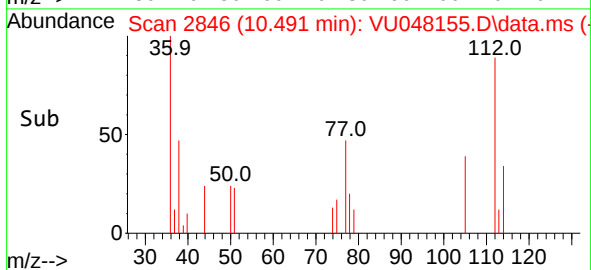
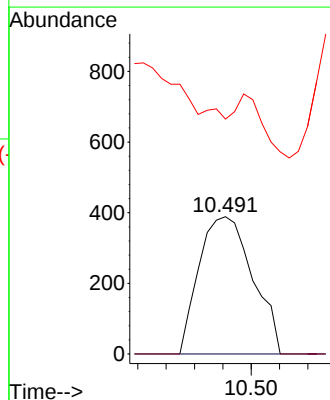
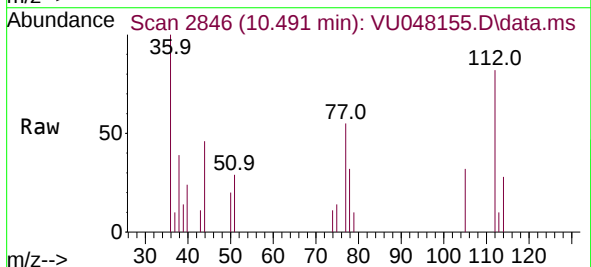
Instrument :
MSVOA_U
ClientSampleId :
C0J23

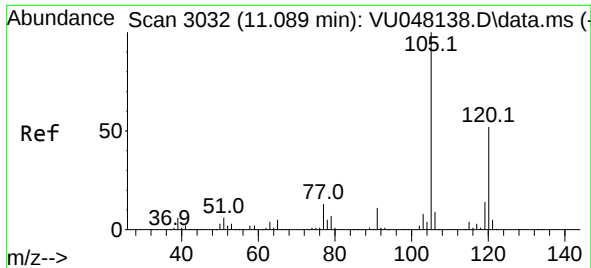
Tgt Ion: 75 Resp: 973
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#
110 31.6 31.4 47.2



#61
Isopropylbenzene
Concen: 3.315 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.006 min
Lab File: VU048155.D
Acq: 20 Apr 2022 20:00

Tgt Ion: 105 Resp: 511
Ion Ratio Lower Upper
105 100
120 0.0 21.9 32.9#
77 45.6 12.1 18.1#

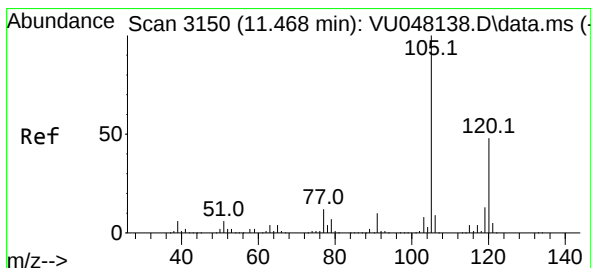
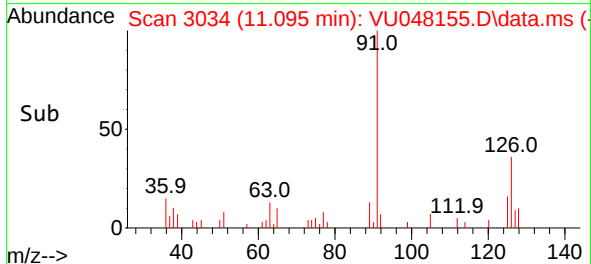
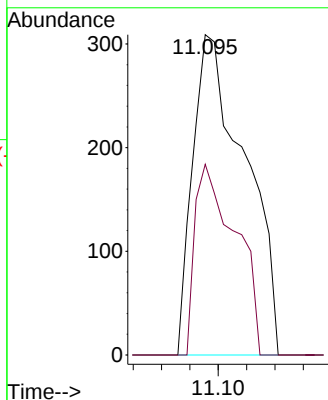
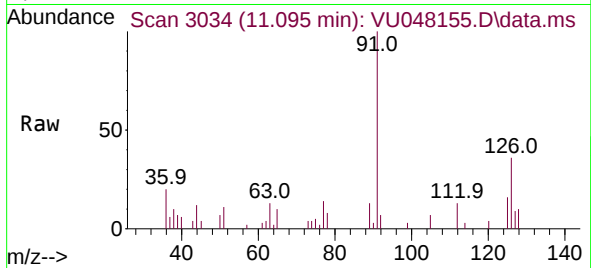




#62
 1,3,5-Trimethylbenzene
 Concen: 4.723 ug/L
 RT: 11.095 min Scan# 3032
 Delta R.T. 0.006 min
 Lab File: VU048155.D
 Acq: 20 Apr 2022 20:00

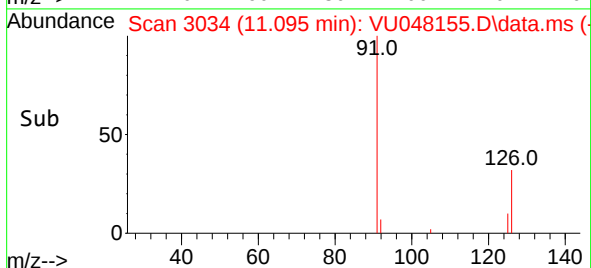
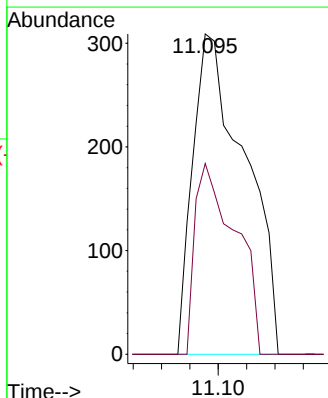
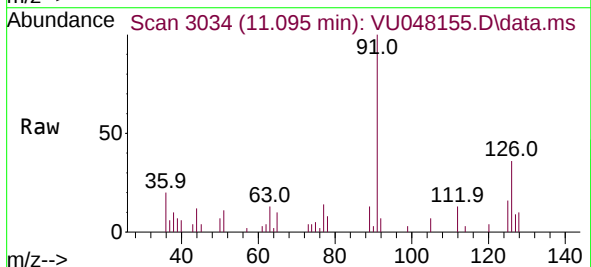
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J23

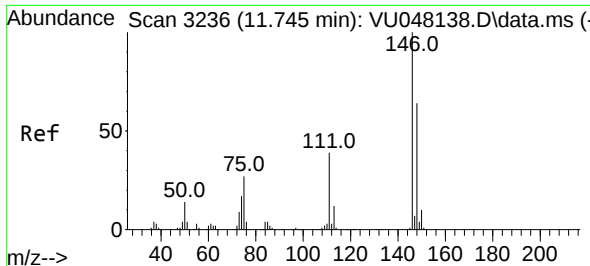
Tgt Ion:105 Resp: 395
 Ion Ratio Lower Upper
 105 100
 120 46.6 40.8 61.2



#63
 1,2,4-Trimethylbenzene
 Concen: 3.109 ug/L
 RT: 11.095 min Scan# 3034
 Delta R.T. -0.373 min
 Lab File: VU048155.D
 Acq: 20 Apr 2022 20:00

Tgt Ion:105 Resp: 395
 Ion Ratio Lower Upper
 105 100
 120 46.6 37.6 56.4

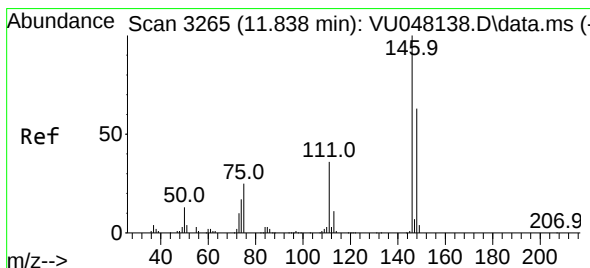
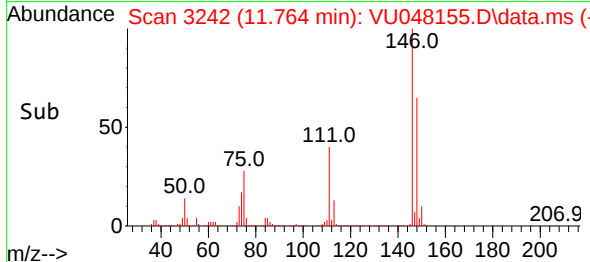
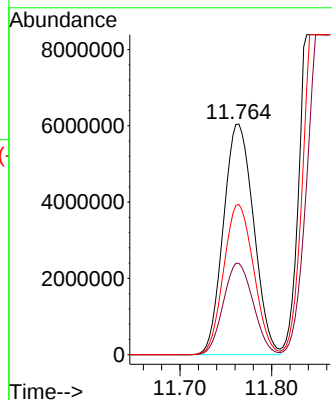
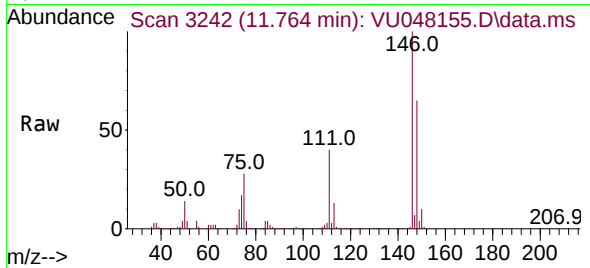




#64
1,3-Dichlorobenzene
Concen: 161912.882 ug/L
RT: 11.764 min Scan# 31
Delta R.T. 0.019 min
Lab File: VU048155.D
Acq: 20 Apr 2022 20:00

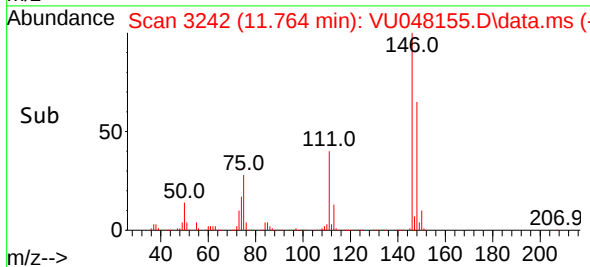
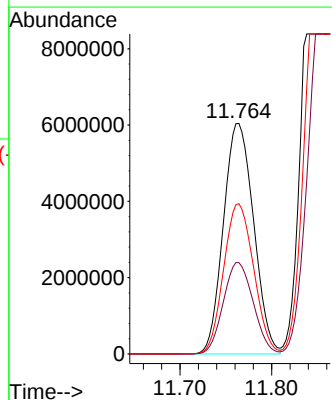
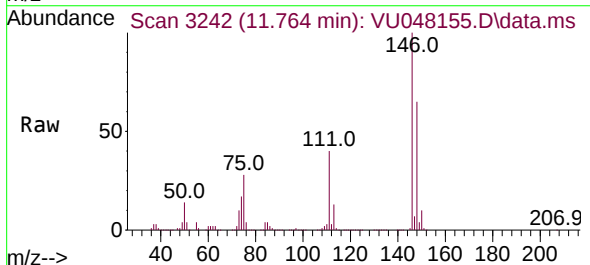
Instrument :
MSVOA_U
ClientSampleId :
C0J23

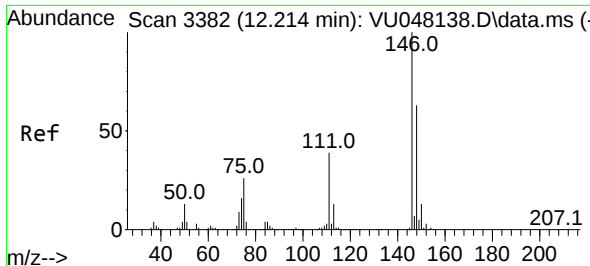
Tgt Ion:146 Resp:13871418
Ion Ratio Lower Upper
146 100
111 39.6 26.7 49.7
148 65.2 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 156317.363 ug/L
RT: 11.764 min Scan# 3242
Delta R.T. -0.074 min
Lab File: VU048155.D
Acq: 20 Apr 2022 20:00

Tgt Ion:146 Resp:13871418
Ion Ratio Lower Upper
146 100
111 39.6 25.3 47.1
148 65.2 44.5 82.7

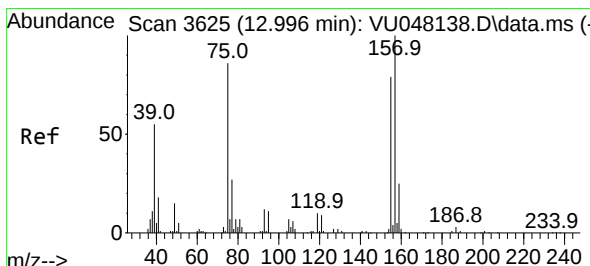
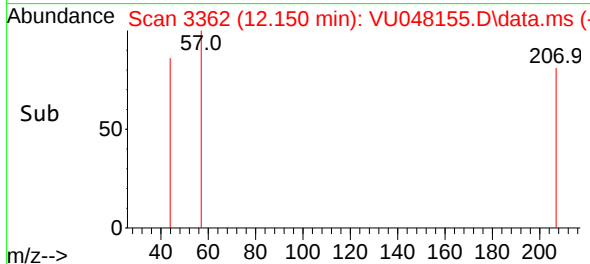
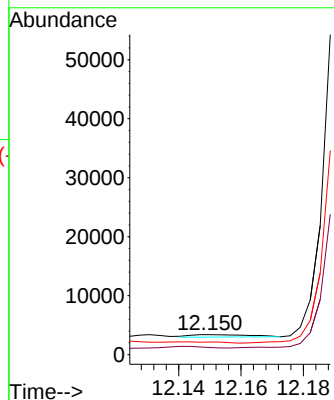
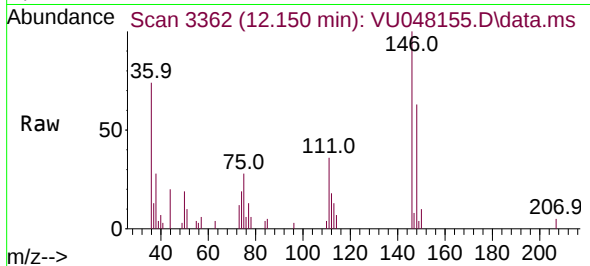




#67
1,2-Dichlorobenzene
Concen: 6.474 ug/L
RT: 12.150 min Scan# 31
Delta R.T. -0.064 min
Lab File: VU048155.D
Acq: 20 Apr 2022 20:00

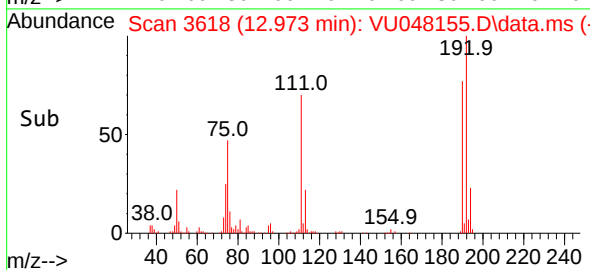
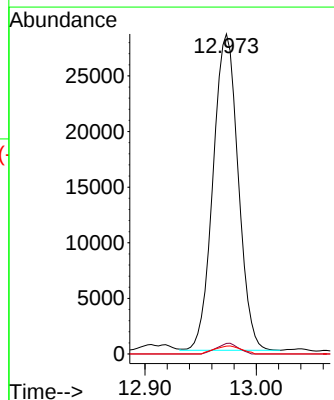
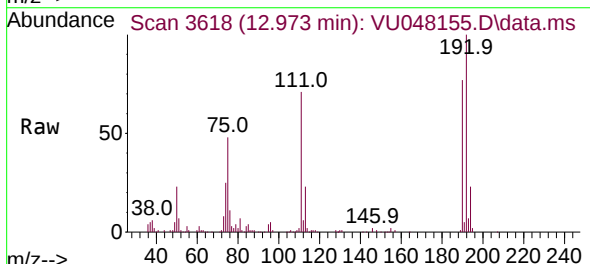
Instrument :
MSVOA_U
ClientSampleId :
C0J23

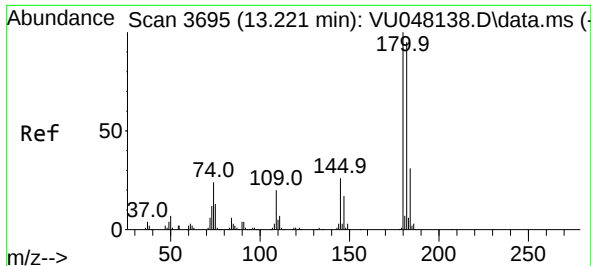
Tgt Ion:146 Resp: 555
Ion Ratio Lower Upper
146 100
111 35.7 31.7 47.5
148 63.2 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 2588.527 ug/L
RT: 12.973 min Scan# 3618
Delta R.T. -0.022 min
Lab File: VU048155.D
Acq: 20 Apr 2022 20:00

Tgt Ion: 75 Resp: 44580
Ion Ratio Lower Upper
75 100
155 3.3 78.9 118.3#
157 2.4 97.5 146.3#





#69

1,3,5-Trichlorobenzene

Concen: 119678.565 ug/L

RT: 13.848 min Scan# 3890

Delta R.T. 0.627 min

Lab File: VU048155.D

Acq: 20 Apr 2022 20:00

Instrument :

MSVOA_U

ClientSampleId :

C0J23

Tgt Ion:180 Resp: 8327056

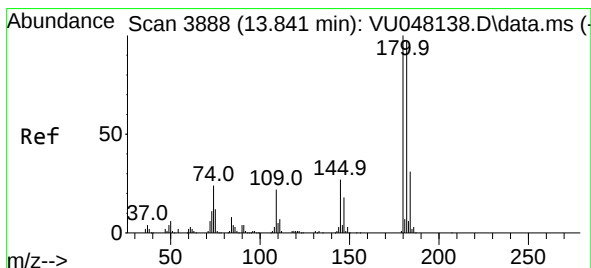
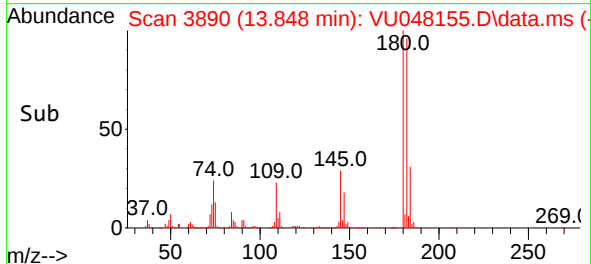
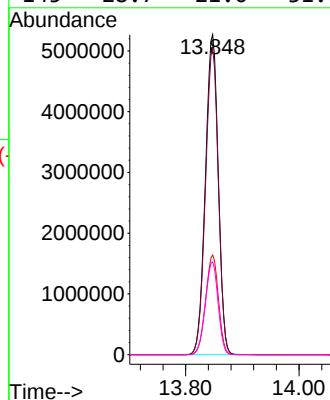
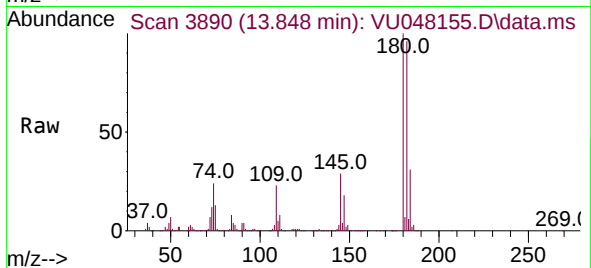
Ion Ratio Lower Upper

180 100

182 95.7 77.0 115.6

184 31.0 24.5 36.7

145 28.7 21.0 31.6



#70

1,2,4-trichlorobenzene

Concen: 136634.934 ug/L

RT: 13.848 min Scan# 3890

Delta R.T. 0.006 min

Lab File: VU048155.D

Acq: 20 Apr 2022 20:00

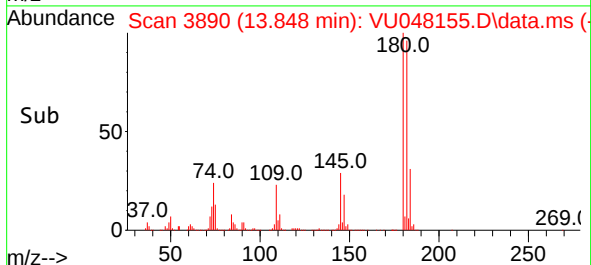
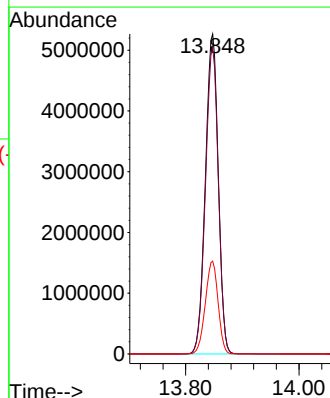
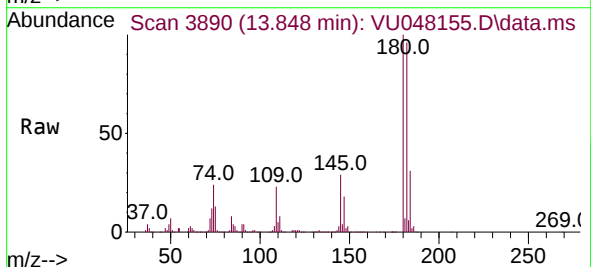
Tgt Ion:180 Resp: 8327056

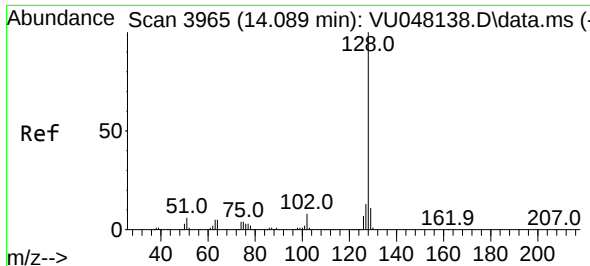
Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.2

145 28.7 21.8 32.8

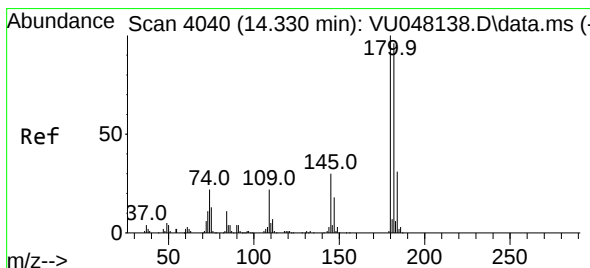
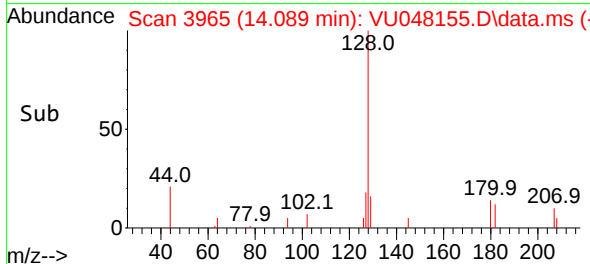
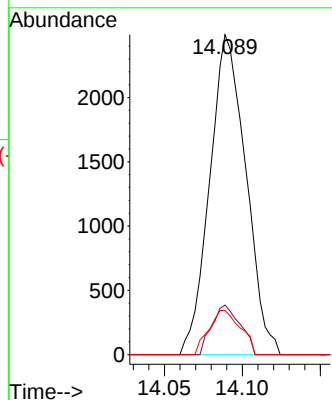
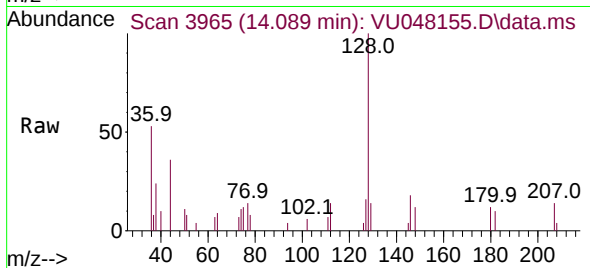




#71
Naphthalene
Concen: 22.086 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU048155.D
Acq: 20 Apr 2022 20:00

Instrument :
MSVOA_U
ClientSampleId :
C0J23

Tgt Ion:	128	Resp:	4013
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.2	15.2
129	12.1	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 31147.032 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048155.D
Acq: 20 Apr 2022 20:00

Tgt Ion:	180	Resp:	1902924
Ion Ratio	Lower	Upper	
180	100		
182	96.1	77.4	116.0
145	29.5	22.8	34.2

