

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043877.D
 Acq On : 20 May 2021 20:04
 Operator : SY/MD
 Sample : M2475-11MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB408

Quant Time: May 21 01:21:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 01:15:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	222150	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	223529	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	130098	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.601	65	57676	3.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.40%
7) Chloroethane-d5	1.919	69	40927	3.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.60%
11) 1,1-Dichloroethene-d2	2.572	65	27317	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	4.639	46	173127	55.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.18%
24) Chloroform-d	5.073	84	123605	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.710	65	63862	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.735	84	264099	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.700	67	84034	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.906	98	248074	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloroprop...	8.186	79	30279	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.642	63	142261	47.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.06%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	70490	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	97620	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.388	85	81630	5.04	ug/L 100
3) Chloromethane	1.520	50	86198	4.54	ug/L 99
5) Vinyl chloride	1.607	62	92054	4.88	ug/L 98
6) Bromomethane	1.861	94	44400	3.99	ug/L 98
8) Chloroethane	1.938	64	45251	4.27	ug/L 96
9) Trichlorofluoromethane	2.144	101	107195	4.90	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	77000	5.16	ug/L 98
12) 1,1-Dichloroethene	2.584	96	87317	5.96	ug/L 90
13) Acetone	2.649	43	117959	59.66	ug/L 98
14) Carbon disulfide	2.800	76	244705	4.99	ug/L 100
15) Methyl Acetate	2.961	43	28162	4.79	ug/L 95
16) Methylene chloride	3.054	84	84390	3.88	ug/L 96
17) Methyl tert-butyl Ether	3.375	73	159139	4.80	ug/L 99
18) trans-1,2-Dichloroethene	3.359	96	78710	5.11	ug/L 95
19) 1,1-Dichloroethane	3.880	63	146715	5.27	ug/L 97
21) 2-Butanone	4.719	43	202319	53.51	ug/L 98
22) cis-1,2-Dichloroethene	4.678	96	84608	5.23	ug/L 98
23) Bromochloromethane	4.983	128	40369	5.29	ug/L 94
25) Chloroform	5.096	83	153845	5.58	ug/L 99

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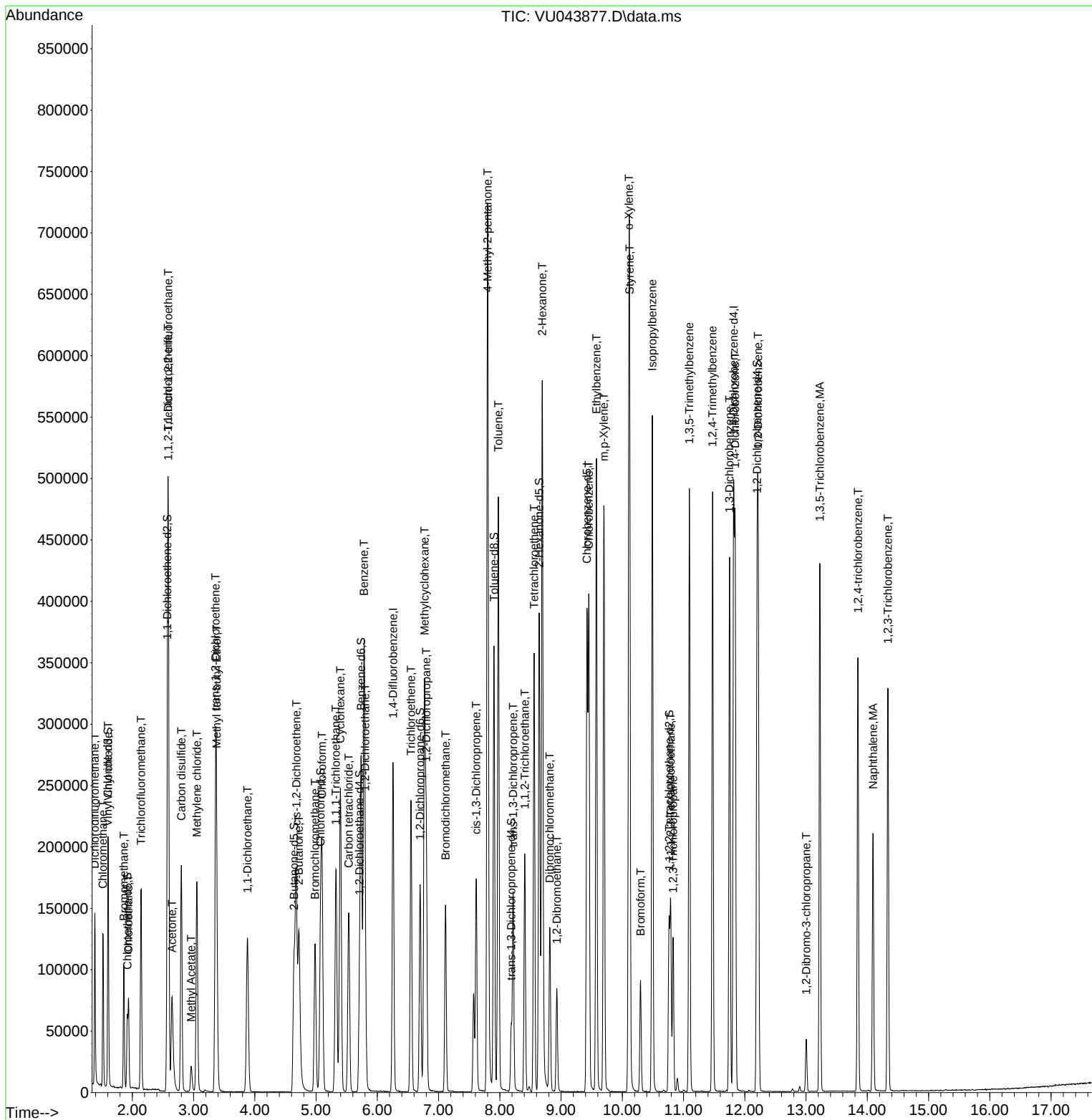
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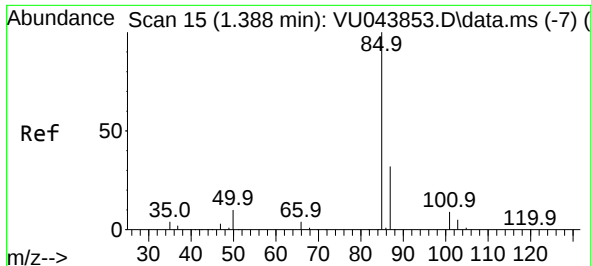
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	86610	5.10	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	130518	5.60	ug/L	98
30) Cyclohexane	5.398	56	118552	4.58	ug/L	98
31) Carbon tetrachloride	5.533	117	102564	5.27	ug/L	98
33) Benzene	5.784	78	330258	5.11	ug/L	100
34) Trichloroethene	6.549	95	81673	4.92	ug/L	94
35) Methylcyclohexane	6.771	83	123982	4.81	ug/L	97
37) 1,2-Dichloropropane	6.800	63	86377	5.11	ug/L	99
38) Bromodichloromethane	7.115	83	99469	5.04	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	106815	4.75	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	480029	44.51	ug/L	96
42) Toluene	7.977	91	357288	5.26	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	93551	4.83	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	60543	4.98	ug/L	98
47) Tetrachloroethene	8.562	164	85132	6.35	ug/L	99
48) 2-Hexanone	8.694	43	365827	45.72	ug/L	98
49) Dibromochloromethane	8.816	129	70957	5.23	ug/L	99
50) 1,2-Dibromoethane	8.931	107	56994	4.99	ug/L	96
51) Chlorobenzene	9.452	112	222943	5.26	ug/L	97
52) Ethylbenzene	9.578	91	350768	5.05	ug/L	98
53) m,p-Xylene	9.700	106	137333	5.19	ug/L	97
54) o-Xylene	10.108	106	132203	5.24	ug/L	97
55) Styrene	10.121	104	210763	4.95	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	76602	4.96	ug/L	100
59) Bromoform	10.298	173	40938	4.67	ug/L	98
60) Isopropylbenzene	10.491	105	346867	4.86	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	54597	4.40	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	265501	4.62	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	266497	4.53	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	186839	5.08	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	185669	5.02	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	173389	4.91	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	10972	4.31	ug/L	98
69) 1,3,5-Trichlorobenzene	13.227	180	143062	4.87	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	114577	4.74	ug/L	99
71) Naphthalene	14.095	128	173288	4.06	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	110134	4.80	ug/L	100

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

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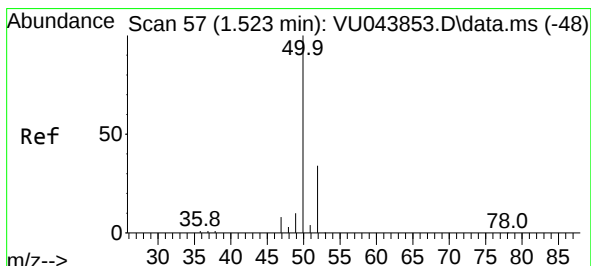
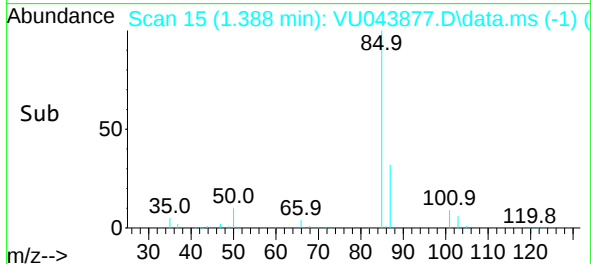
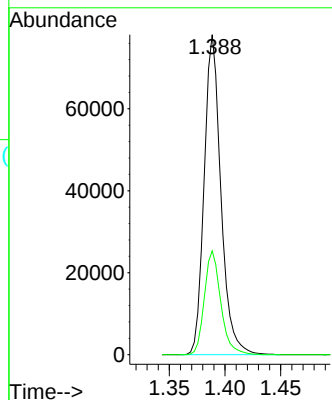
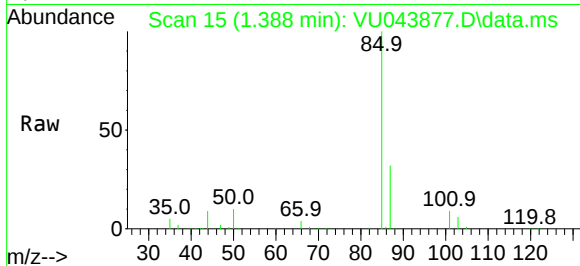




#2
Dichlorodifluoromethane
Concen: 5.04 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

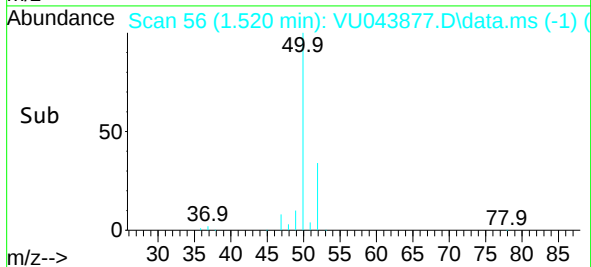
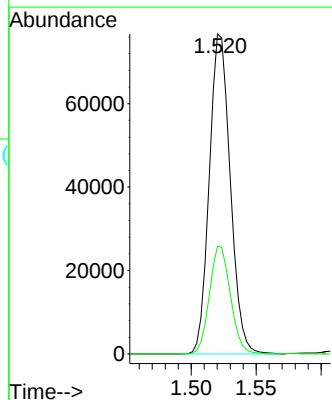
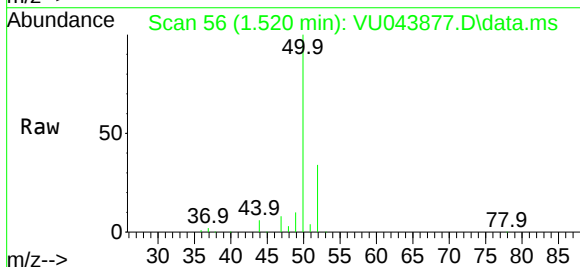
Instrument :
MSVOA_U
ClientSampled :
GB408

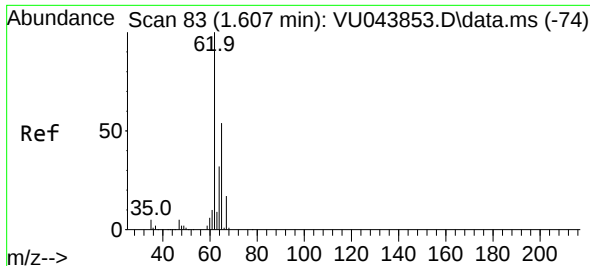
Tgt Ion: 85 Resp: 81630
Ion Ratio Lower Upper
85 100
87 31.8 25.5 38.3



#3
Chloromethane
Concen: 4.54 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Tgt Ion: 50 Resp: 86198
Ion Ratio Lower Upper
50 100
52 33.6 23.2 43.2

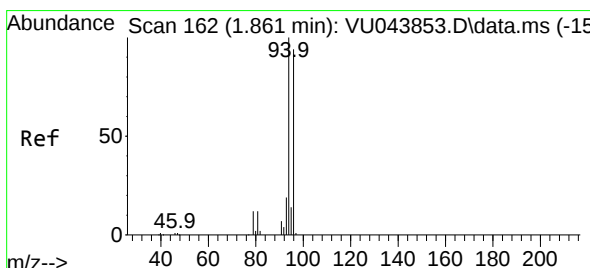
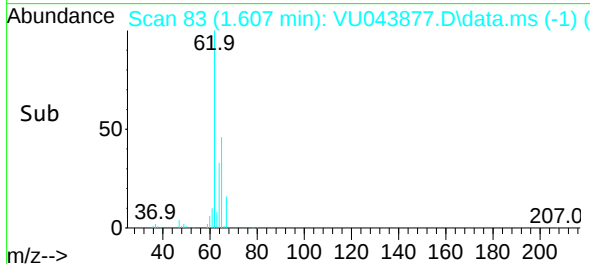
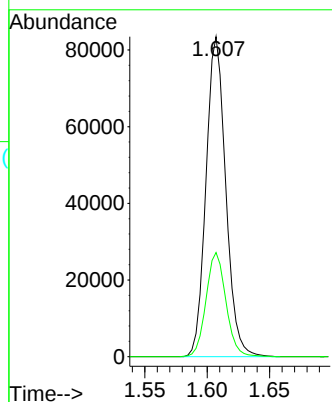
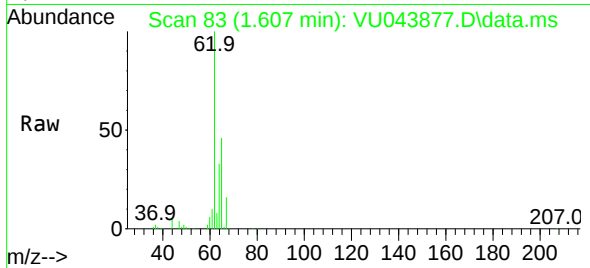




#5
 Vinyl chloride
 Concen: 4.88 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043877.D
 Acq: 20 May 2021 20:04

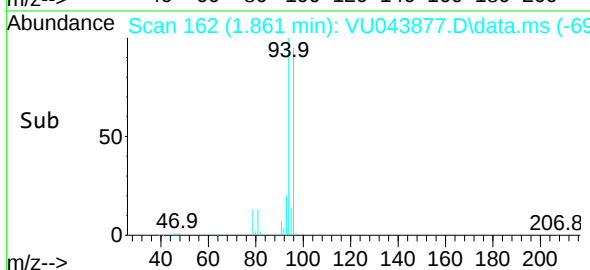
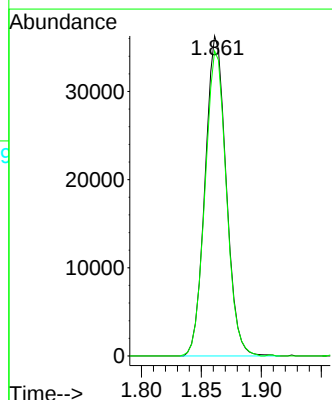
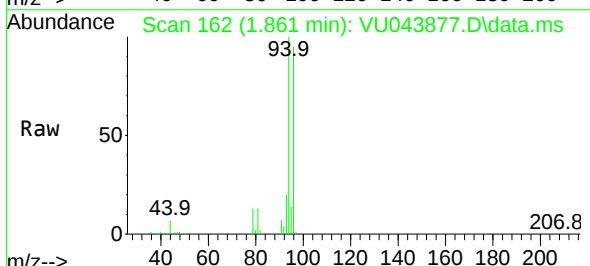
Instrument :
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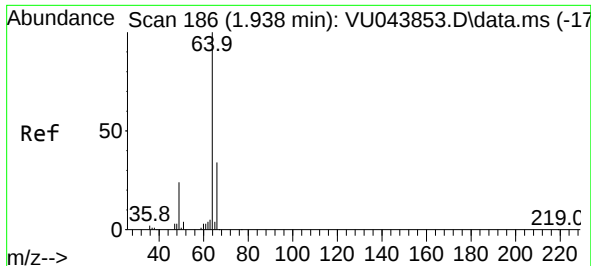
Tgt Ion: 62 Resp: 92054
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.1 41.1



#6
 Bromomethane
 Concen: 3.99 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU043877.D
 Acq: 20 May 2021 20:04

Tgt Ion: 94 Resp: 44400
 Ion Ratio Lower Upper
 94 100
 96 95.3 65.0 120.8

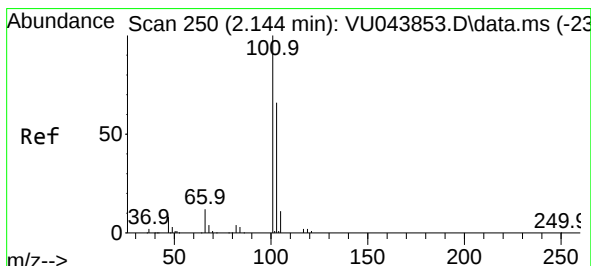
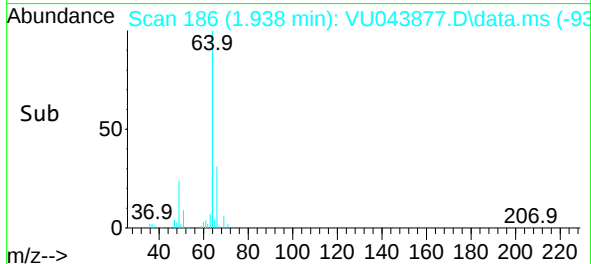
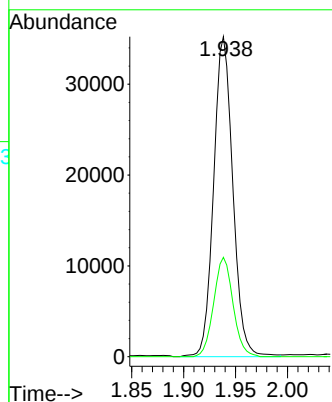
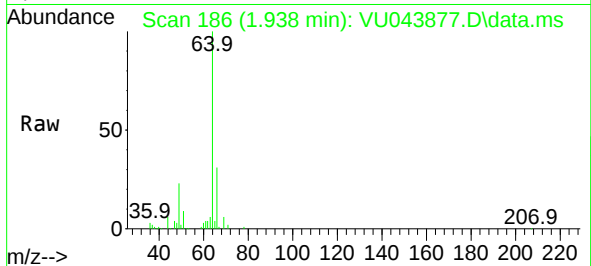




#8
Chloroethane
Concen: 4.27 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

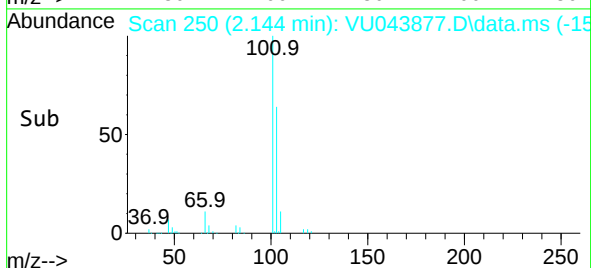
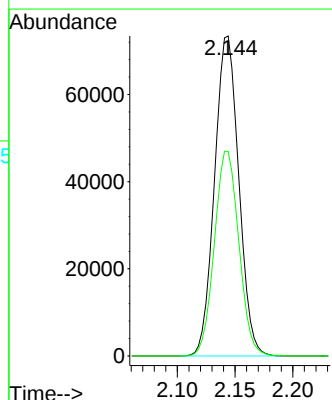
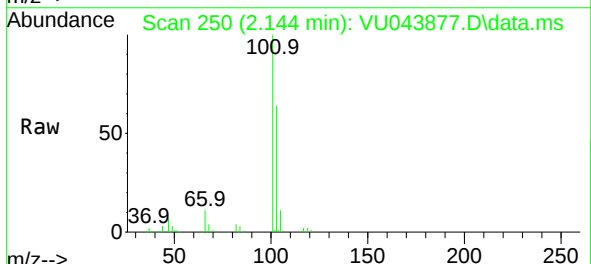
Instrument :
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ClientSampleId :
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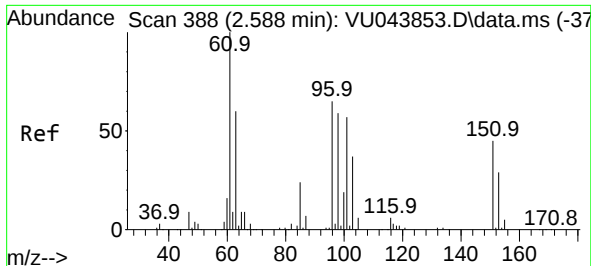
Tgt Ion: 64 Resp: 45251
Ion Ratio Lower Upper
64 100
66 31.1 23.4 43.6



#9
Trichlorofluoromethane
Concen: 4.90 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Tgt Ion: 101 Resp: 107195
Ion Ratio Lower Upper
101 100
103 64.6 52.1 78.1

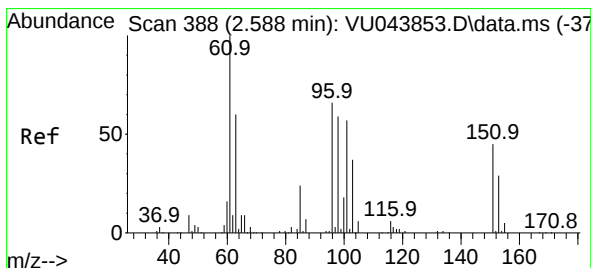
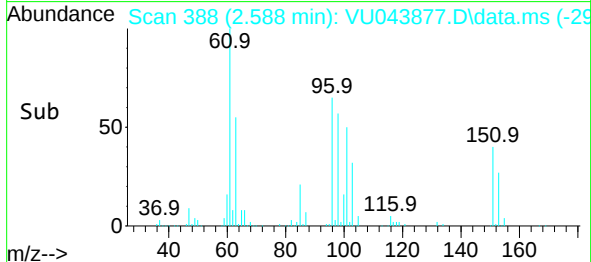
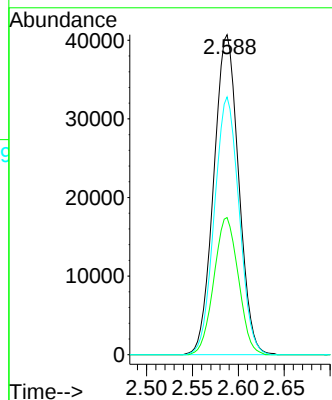
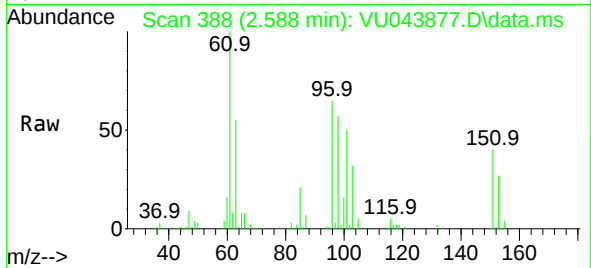




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.16 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

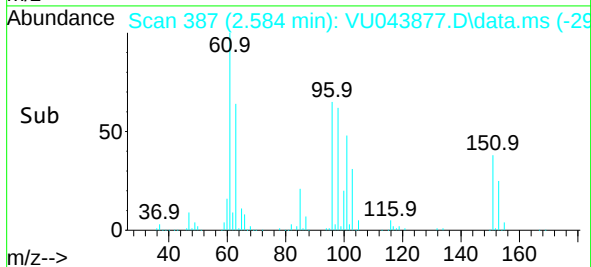
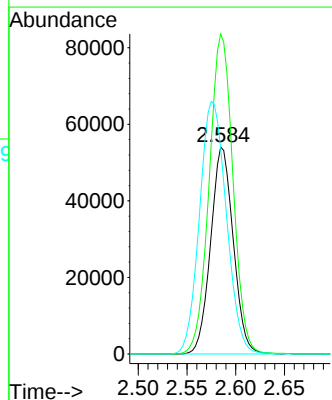
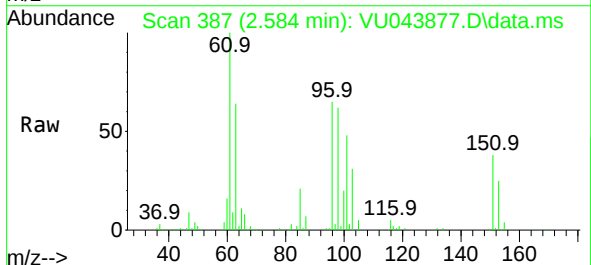
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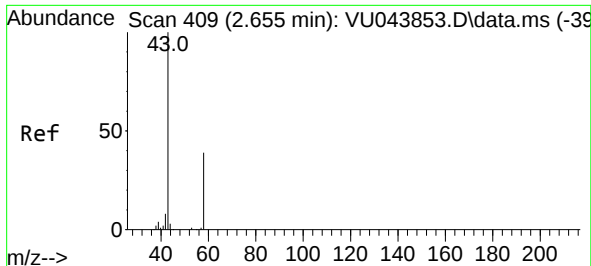
Tgt Ion:101 Resp: 77000
Ion Ratio Lower Upper
101 100
85 42.1 34.3 51.5
151 80.0 62.7 94.1



#12
1,1-Dichloroethene
Concen: 5.96 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Tgt Ion: 96 Resp: 87317
Ion Ratio Lower Upper
96 100
61 154.5 117.5 218.1
63 99.5 77.3 143.7

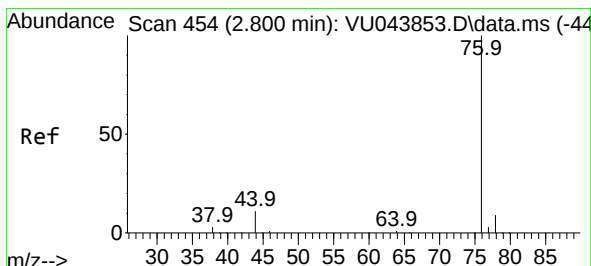
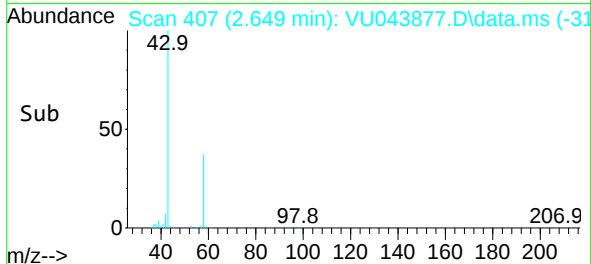
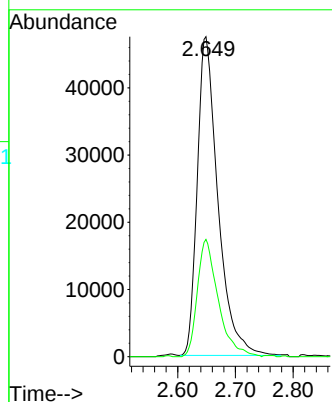
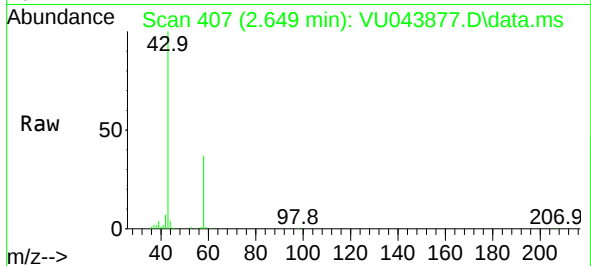




#13
Acetone
Concen: 59.66 ug/L
RT: 2.649 min Scan# 407
Delta R.T. -0.006 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

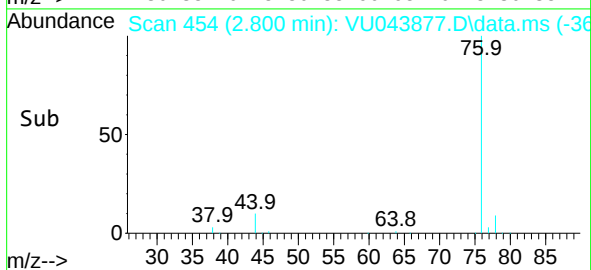
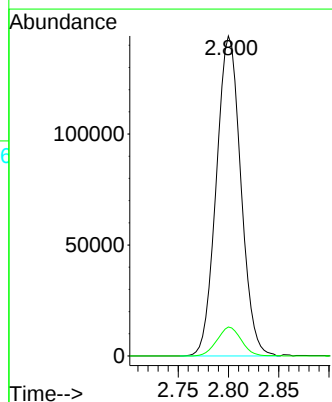
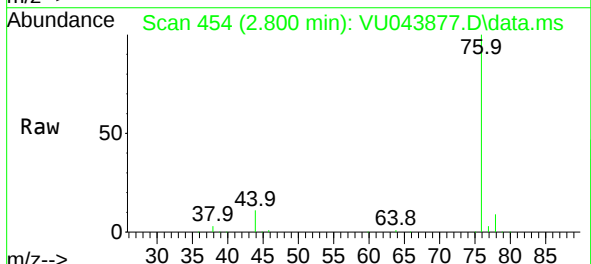
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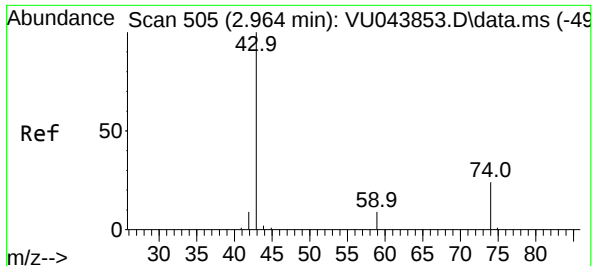
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Ion Ratio Lower Upper
43 100
58 37.1 0.0 71.6



#14
Carbon disulfide
Concen: 4.99 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

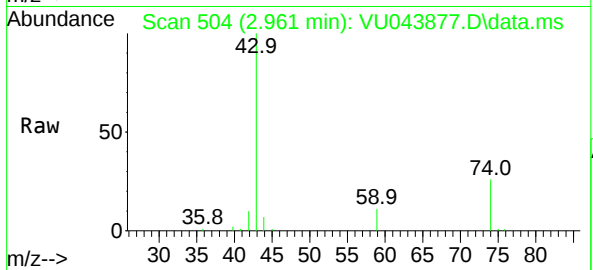
Tgt Ion: 76 Resp: 244705
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



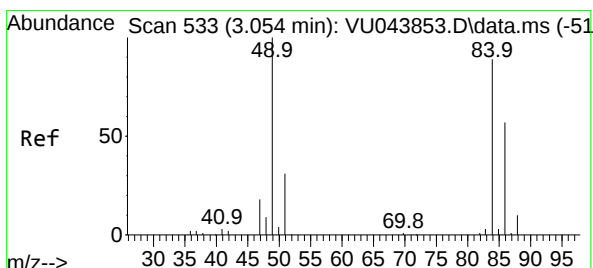
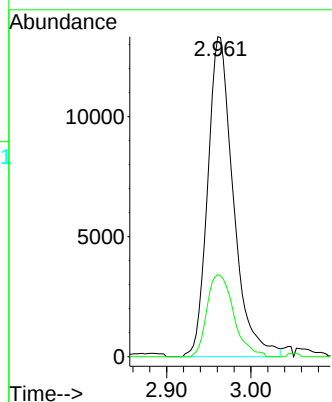
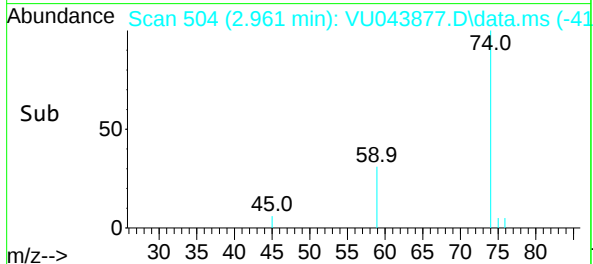


#15
Methyl Acetate
Concen: 4.79 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

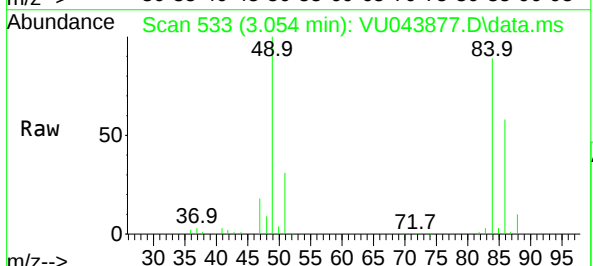
Instrument :
MSVOA_U
ClientSampled :
GB408



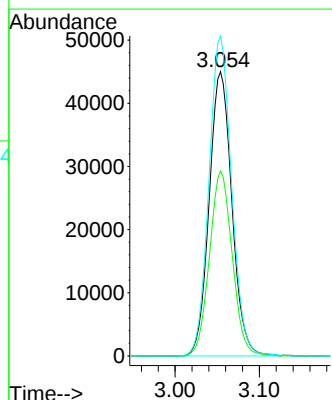
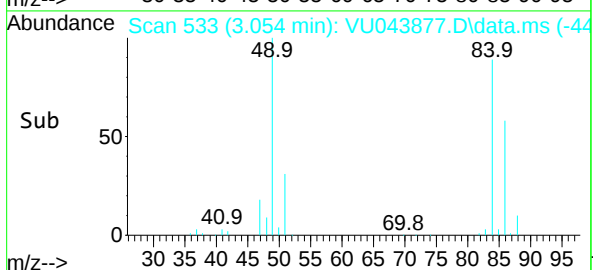
Tgt Ion: 43 Resp: 28162
Ion Ratio Lower Upper
43 100
74 26.7 19.3 28.9

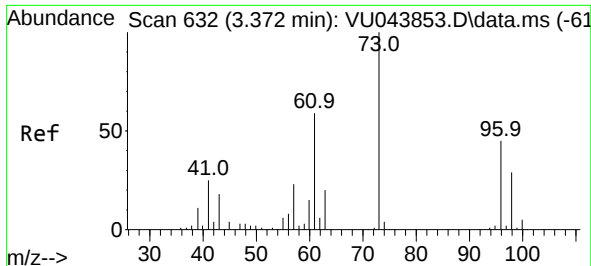


#16
Methylene chloride
Concen: 3.88 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04



Tgt Ion: 84 Resp: 84390
Ion Ratio Lower Upper
84 100
86 65.1 44.7 82.9
49 112.6 83.1 154.3



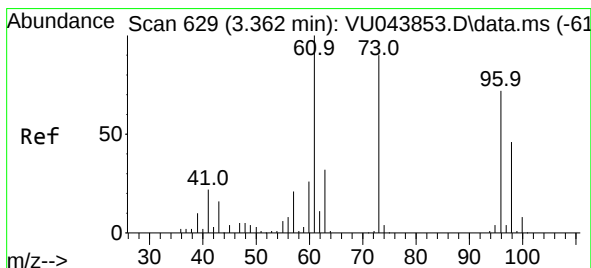
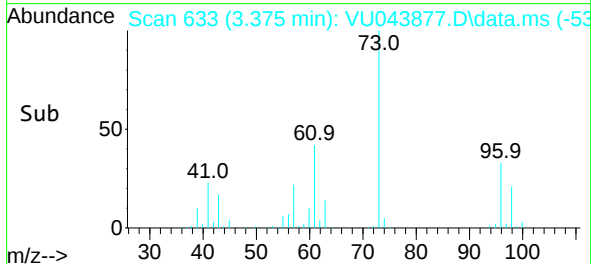
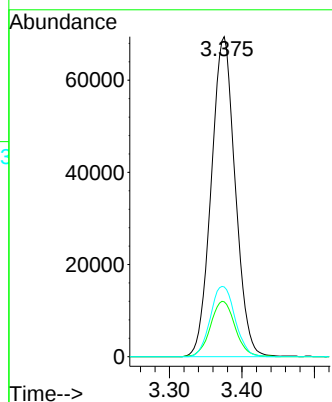
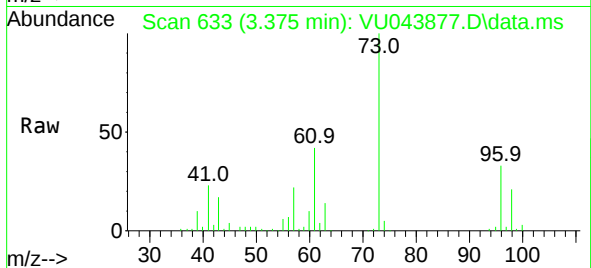


#17

Methyl tert-butyl Ether
Concen: 4.80 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Instrument :
MSVOA_U
ClientSampleId :
GB408

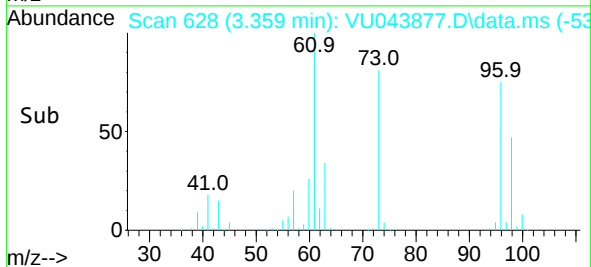
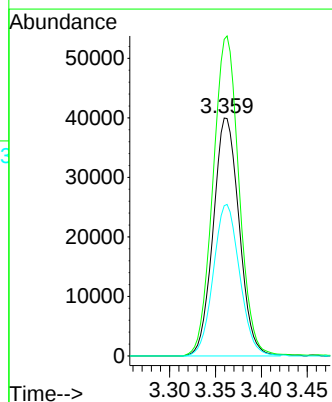
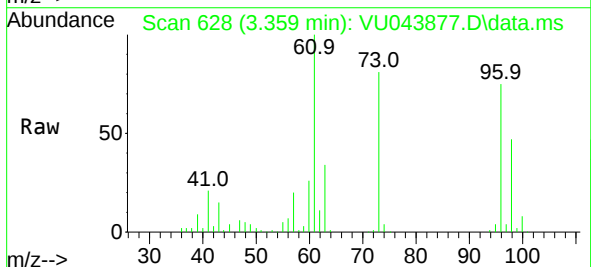
Tgt Ion: 73 Resp: 159139
Ion Ratio Lower Upper
73 100
43 17.8 15.0 22.4
57 22.7 18.6 27.8

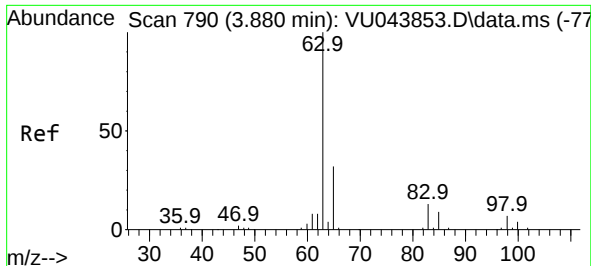


#18

trans-1,2-Dichloroethene
Concen: 5.11 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Tgt Ion: 96 Resp: 78710
Ion Ratio Lower Upper
96 100
61 133.0 99.6 185.0
98 63.1 43.8 81.4





#19

1,1-Dichloroethane

Concen: 5.27 ug/L

RT: 3.880 min Scan# 790

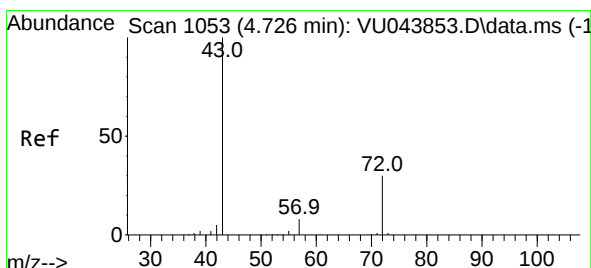
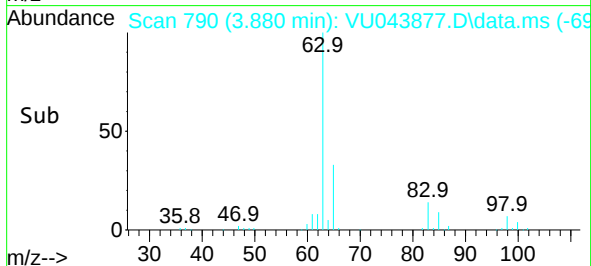
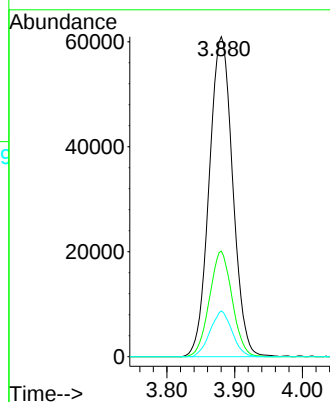
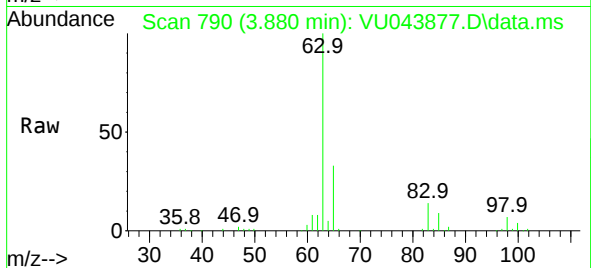
Delta R.T. 0.000 min

Lab File: VU043877.D

Acq: 20 May 2021 20:04

Tgt Ion: 63 Resp: 146715

Ion	Ratio	Lower	Upper
63	100		
65	33.0	22.3	41.3
83	14.3	9.0	16.8



#21

2-Butanone

Concen: 53.51 ug/L

RT: 4.719 min Scan# 1051

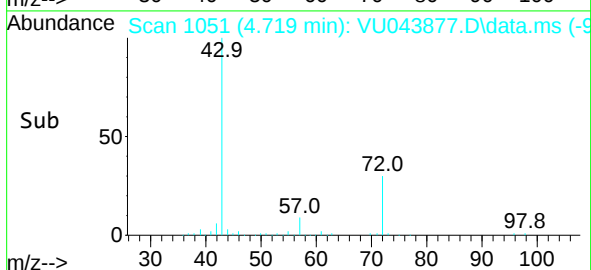
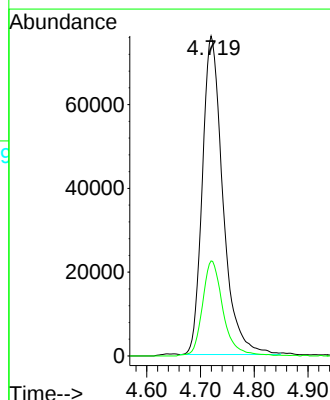
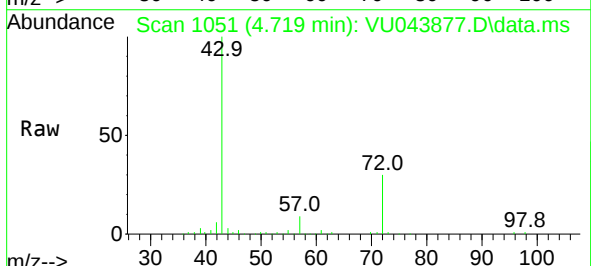
Delta R.T. -0.006 min

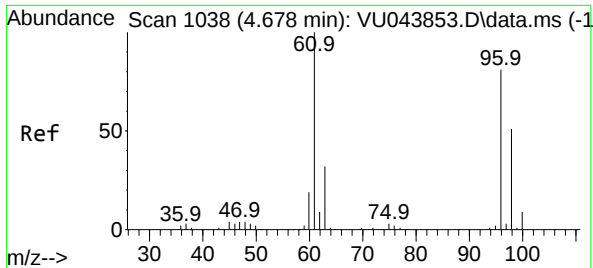
Lab File: VU043877.D

Acq: 20 May 2021 20:04

Tgt Ion: 43 Resp: 202319

Ion	Ratio	Lower	Upper
43	100		
72	29.9	14.5	43.6

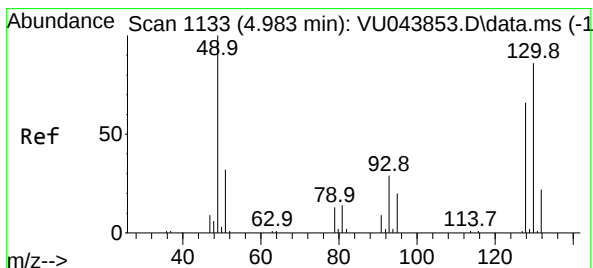
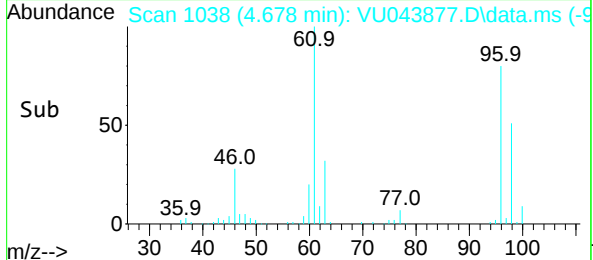
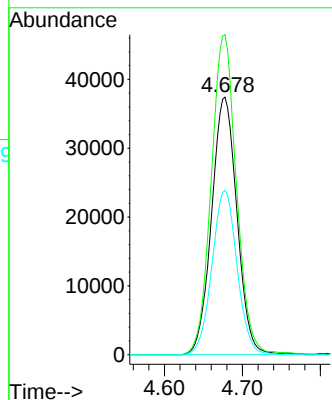
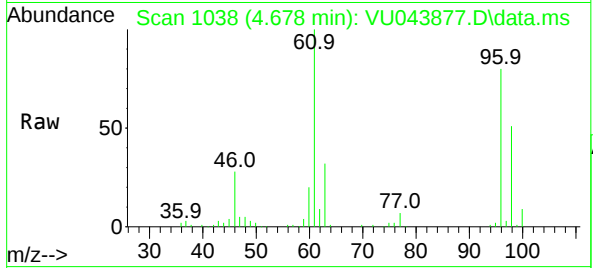




#22
cis-1,2-Dichloroethene
Concen: 5.23 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

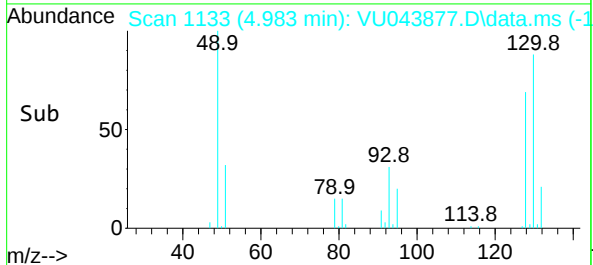
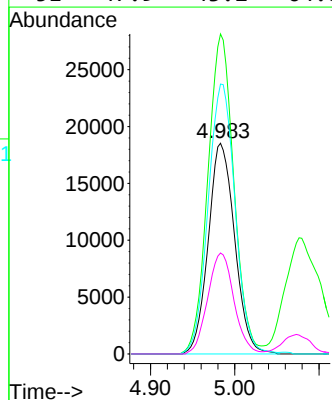
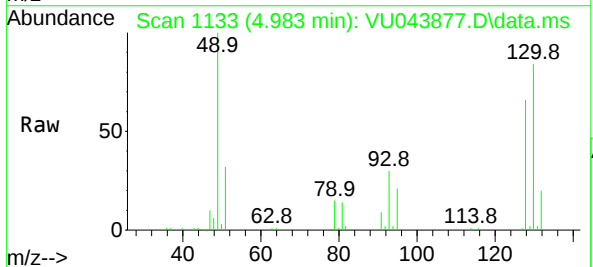
Instrument :
MSVOA_U
ClientSampled :
GB408

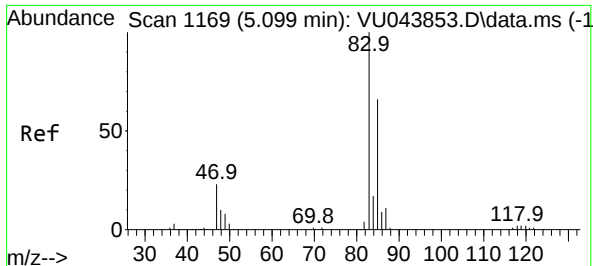
Tgt Ion:	96	Resp:	84608
Ion	Ratio	Lower	Upper
96	100		
61	124.2	89.0	165.4
98	63.9	44.9	83.3



#23
Bromochloromethane
Concen: 5.29 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Tgt Ion:	128	Resp:	40369
Ion	Ratio	Lower	Upper
128	100		
49	151.8	114.7	212.9
130	128.1	91.7	170.3
51	47.9	43.2	64.8



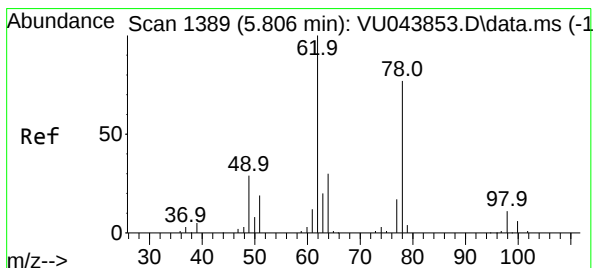
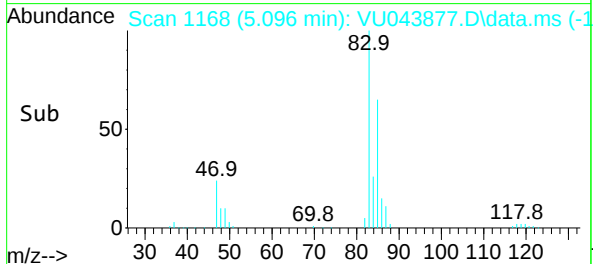
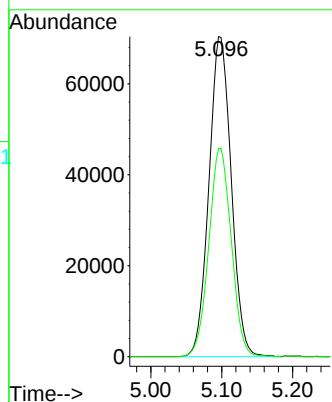
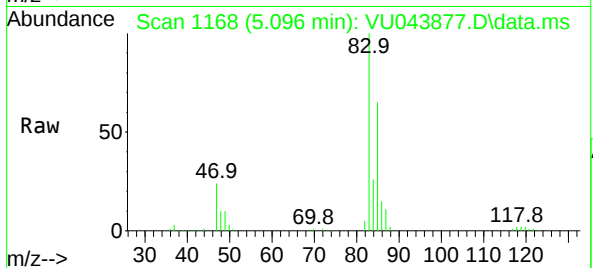


#25

Chloroform
Concen: 5.58 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Instrument :
MSVOA_U
ClientSampled :
GB408

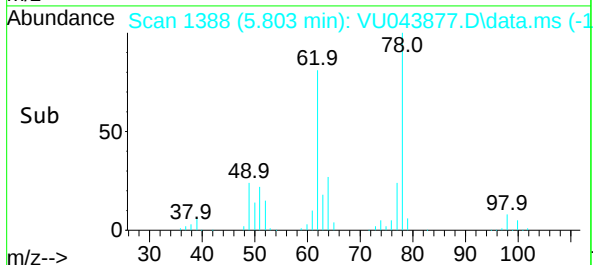
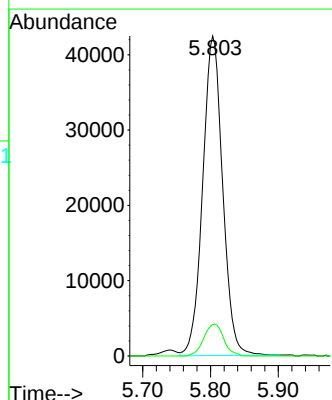
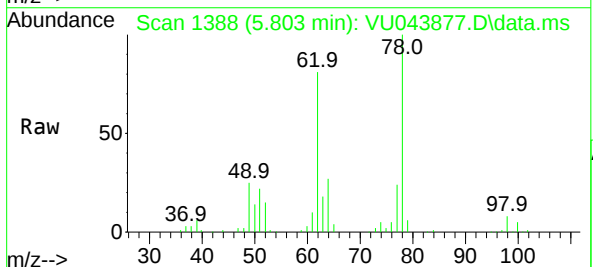
Tgt Ion: 83 Resp: 153845
Ion Ratio Lower Upper
83 100
85 65.0 45.0 83.6

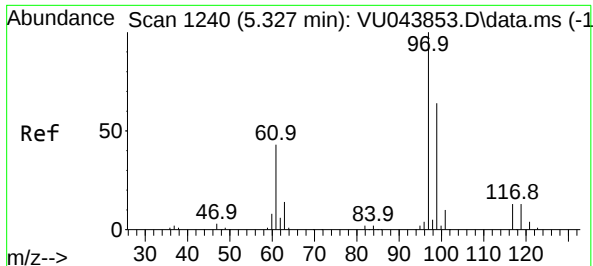


#27

1,2-Dichloroethane
Concen: 5.10 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Tgt Ion: 62 Resp: 86610
Ion Ratio Lower Upper
62 100
98 9.8 7.7 11.5



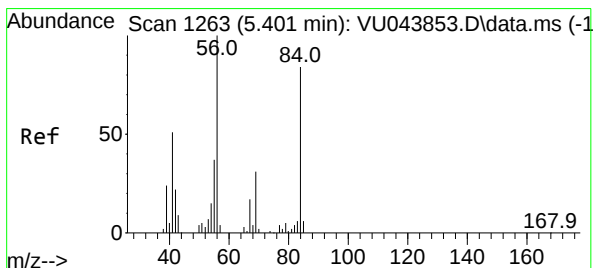
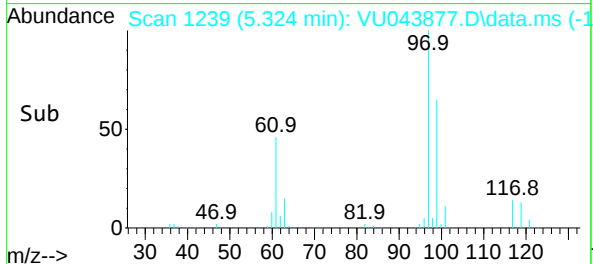
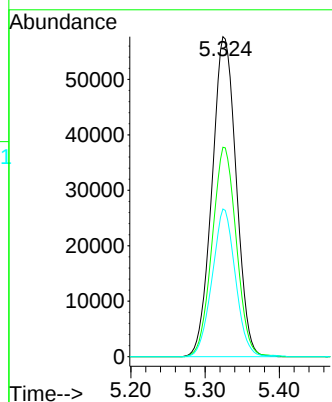
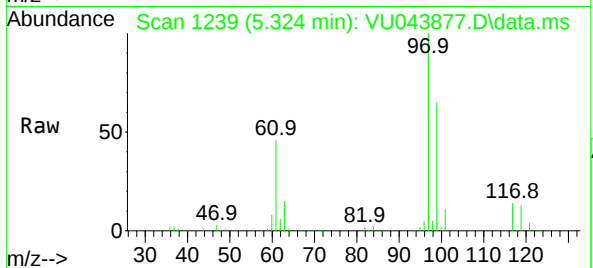


#29

1,1,1-Trichloroethane
Concen: 5.60 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Instrument :
MSVOA_U
ClientSampleId :
GB408

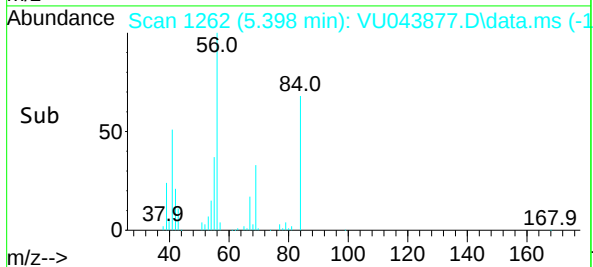
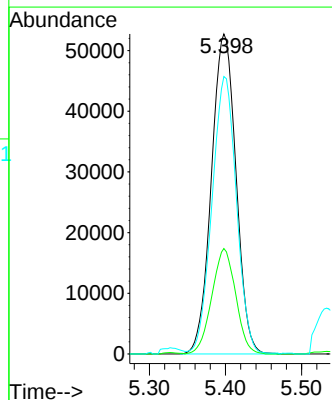
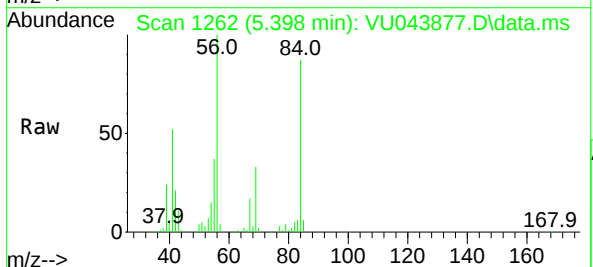
Tgt Ion:	97	Resp:	130518
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.1	76.7
61	44.3	37.0	55.4

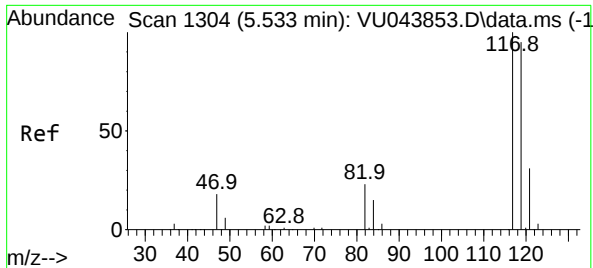


#30

Cyclohexane
Concen: 4.58 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Tgt Ion:	56	Resp:	118552
Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.8	37.2
84	85.6	66.8	100.2

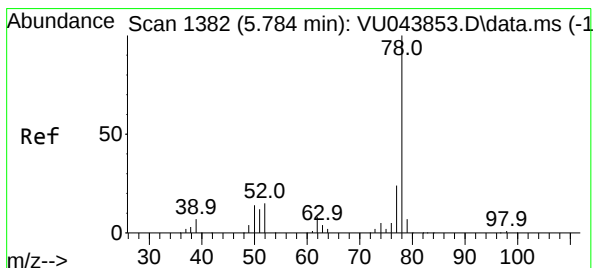
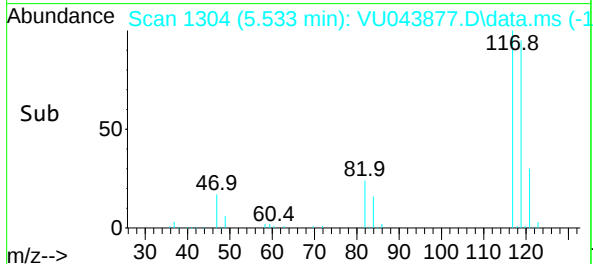
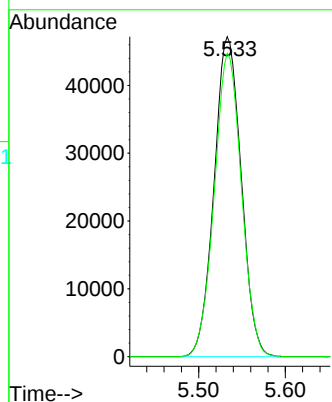
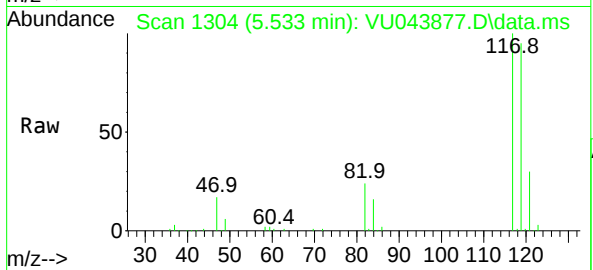




#31
Carbon tetrachloride
Concen: 5.27 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

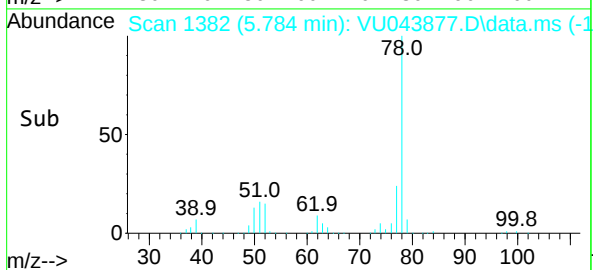
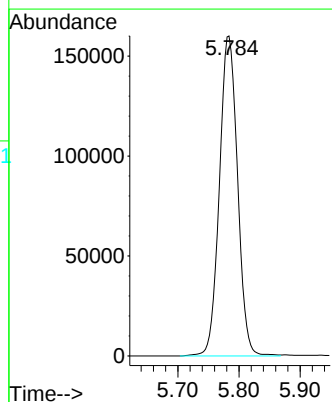
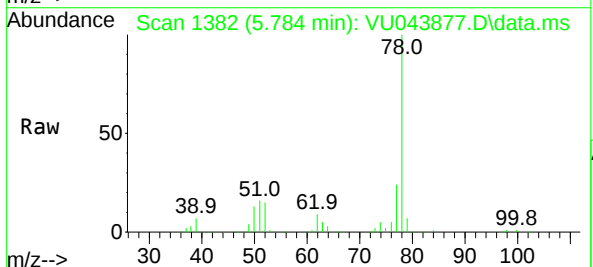
Instrument :
MSVOA_U
ClientSampled :
GB408

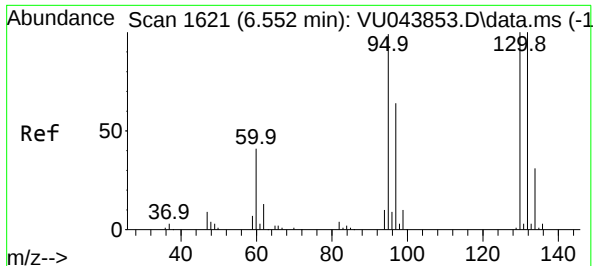
Tgt Ion:117 Resp: 102564
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.0



#33
Benzene
Concen: 5.11 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Tgt Ion: 78 Resp: 330258

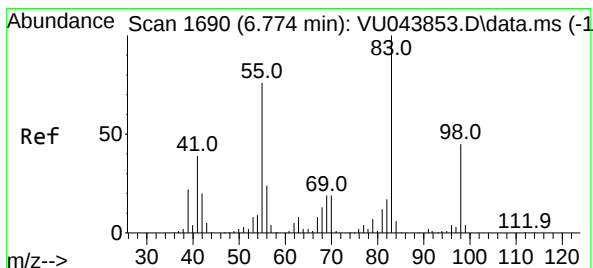
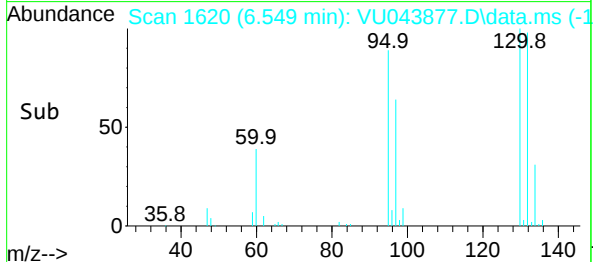
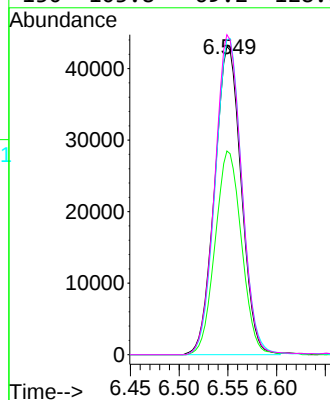
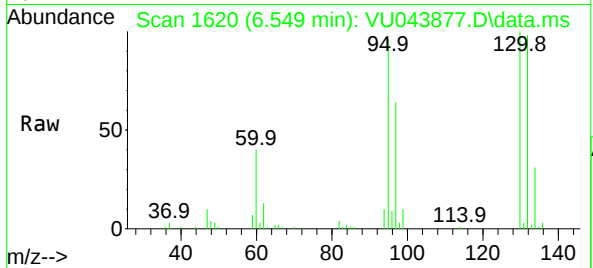




#34
Trichloroethene
Concen: 4.92 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

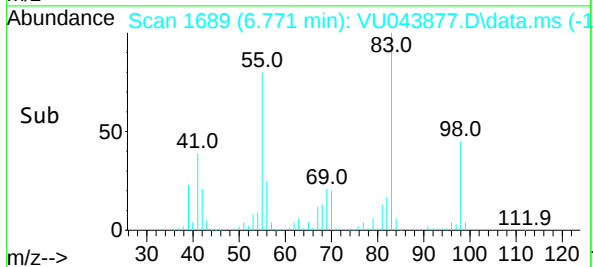
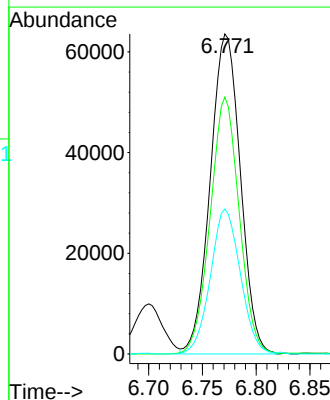
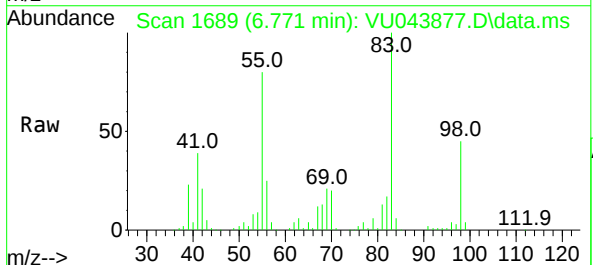
Instrument :
MSVOA_U
ClientSampleId :
GB408

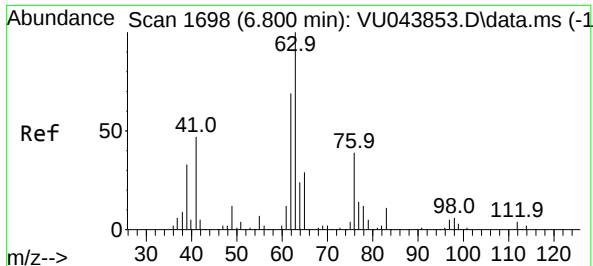
Tgt Ion: 95 Resp: 81673
Ion Ratio Lower Upper
95 100
97 66.1 44.3 82.3
132 102.2 66.0 122.6
130 103.8 69.2 128.6



#35
Methylcyclohexane
Concen: 4.81 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Tgt Ion: 83 Resp: 123982
Ion Ratio Lower Upper
83 100
55 77.4 64.8 97.2
98 45.0 35.9 53.9





#37

1,2-Dichloropropane

Concen: 5.11 ug/L

RT: 6.800 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VU043877.D

Acq: 20 May 2021 20:04

Instrument :

MSVOA_U

ClientSampleId :

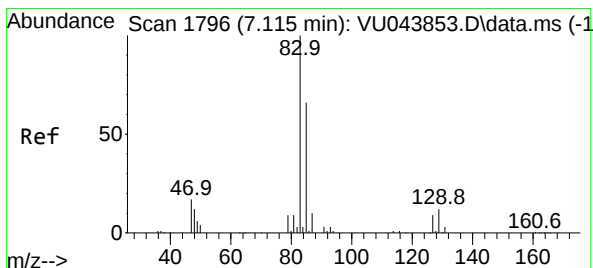
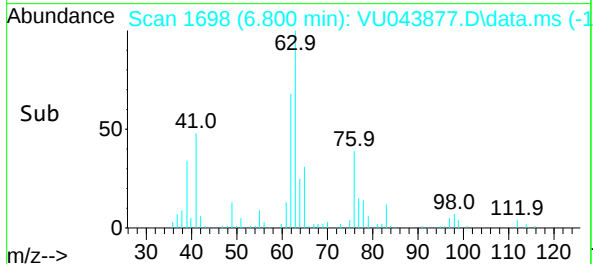
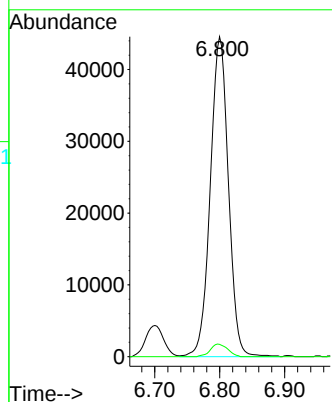
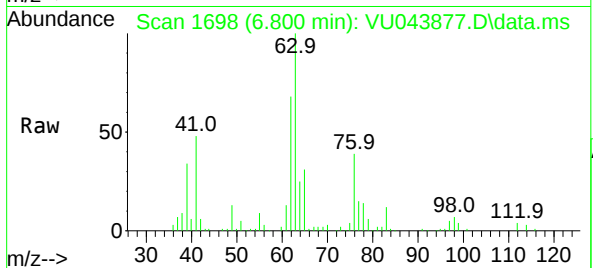
GB408

Tgt Ion: 63 Resp: 86377

Ion Ratio Lower Upper

63 100

112 3.8 3.3 4.9



#38

Bromodichloromethane

Concen: 5.04 ug/L

RT: 7.115 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VU043877.D

Acq: 20 May 2021 20:04

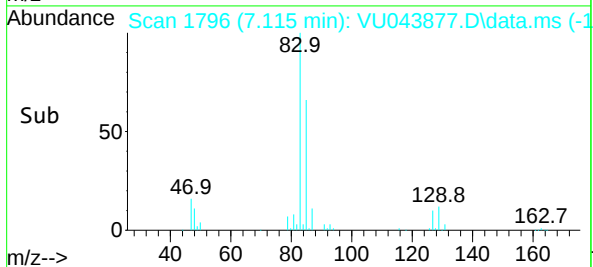
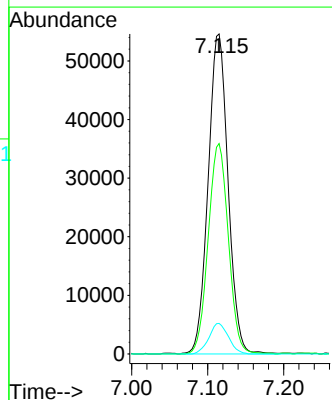
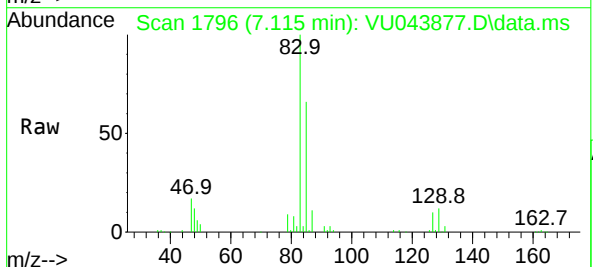
Tgt Ion: 83 Resp: 99469

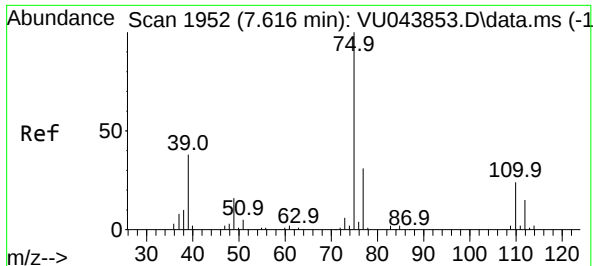
Ion Ratio Lower Upper

83 100

85 65.8 44.6 82.8

127 9.6 7.0 10.4

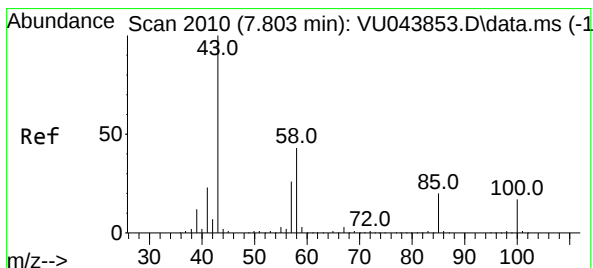
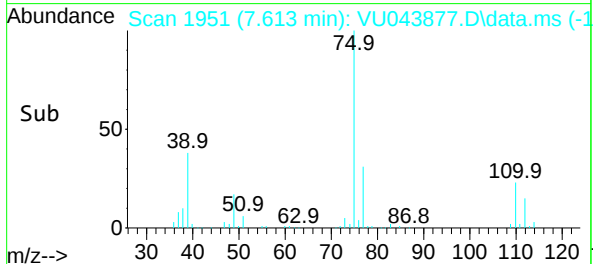
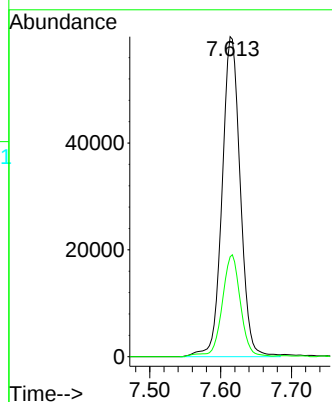
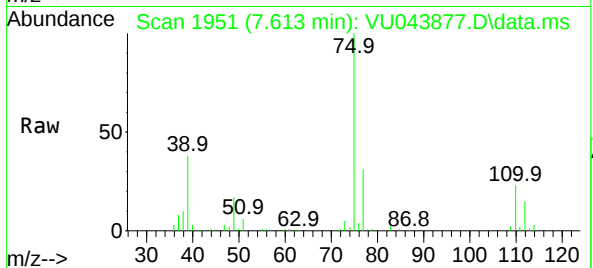




#39
cis-1,3-Dichloropropene
Concen: 4.75 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

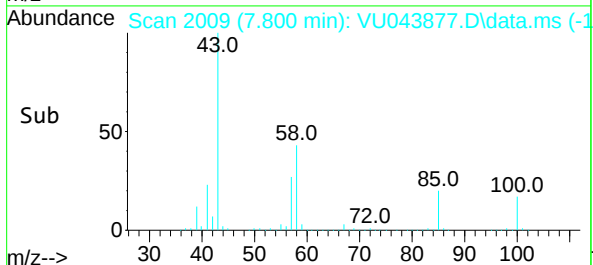
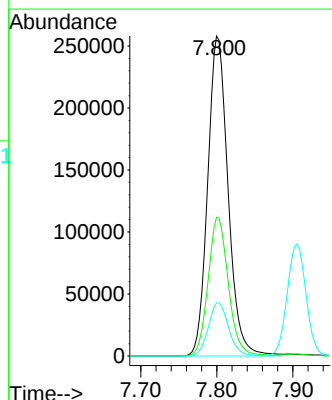
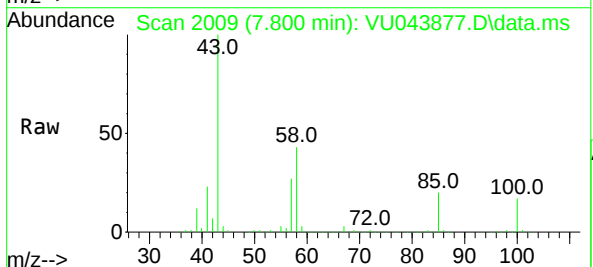
Instrument :
MSVOA_U
ClientSampleId :
GB408

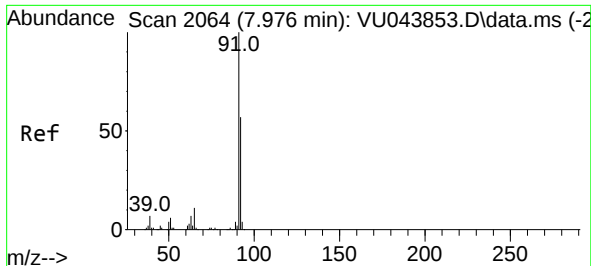
Tgt Ion: 75 Resp: 106815
Ion Ratio Lower Upper
75 100
77 31.2 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 44.51 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Tgt Ion: 43 Resp: 480029
Ion Ratio Lower Upper
43 100
58 43.1 32.8 49.2
100 16.5 11.9 17.9





#42

Toluene

Concen: 5.26 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU043877.D

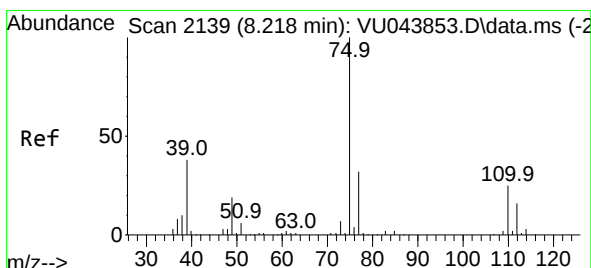
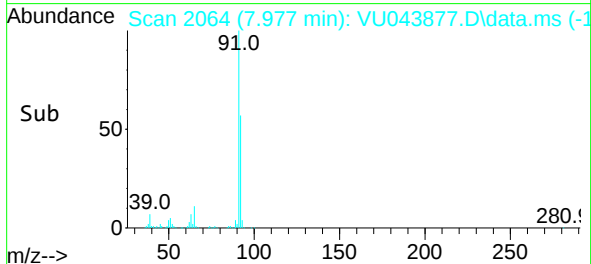
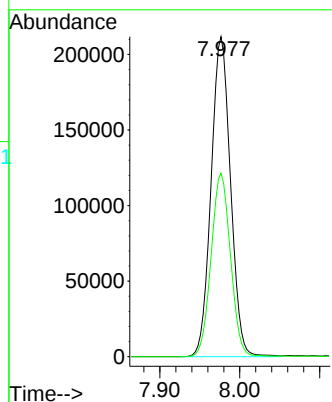
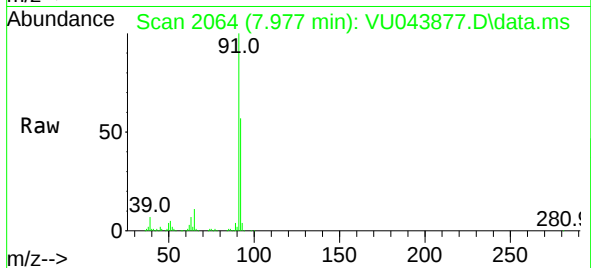
Acq: 20 May 2021 20:04

Tgt Ion: 91 Resp: 357288

Ion Ratio Lower Upper

91 100

92 57.3 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.83 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. 0.000 min

Lab File: VU043877.D

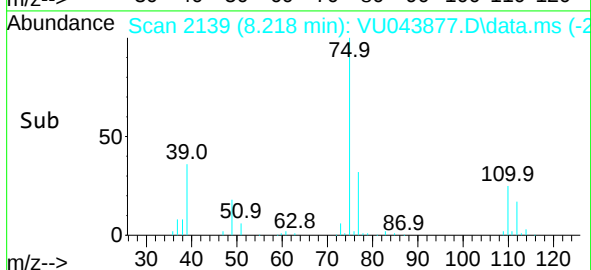
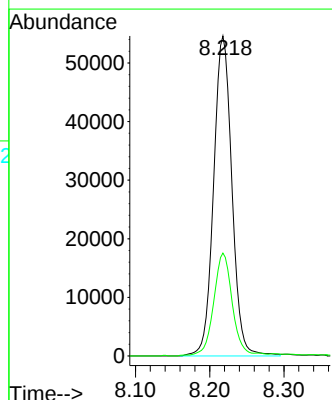
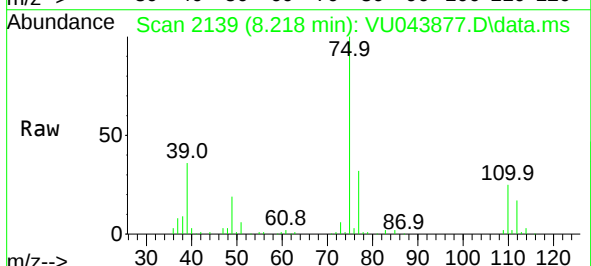
Acq: 20 May 2021 20:04

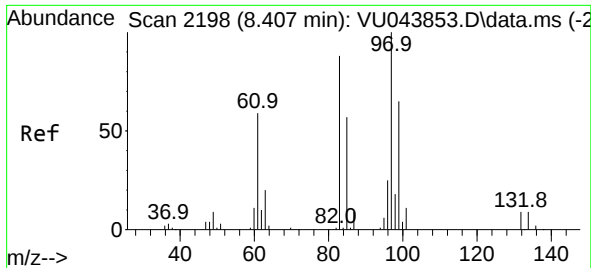
Tgt Ion: 75 Resp: 93551

Ion Ratio Lower Upper

75 100

77 32.1 21.5 39.9

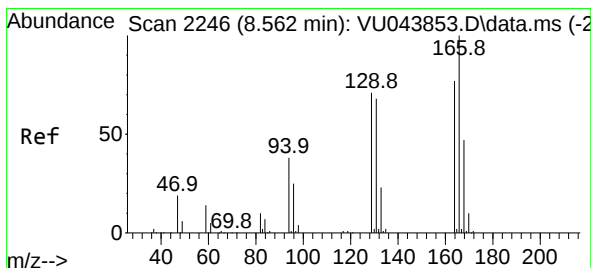
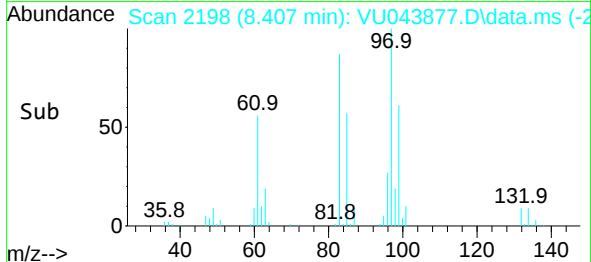
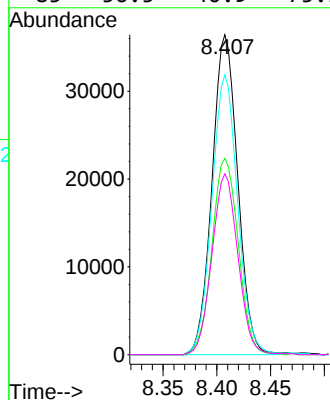
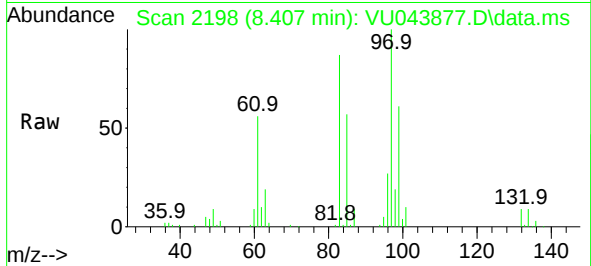




#45
1,1,2-Trichloroethane
Concen: 4.98 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

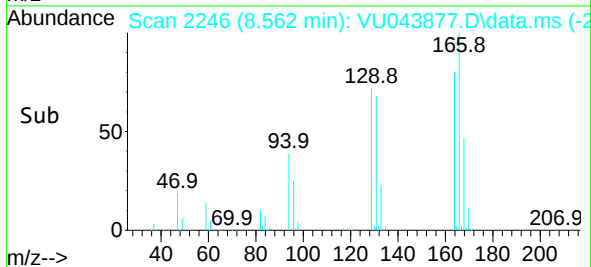
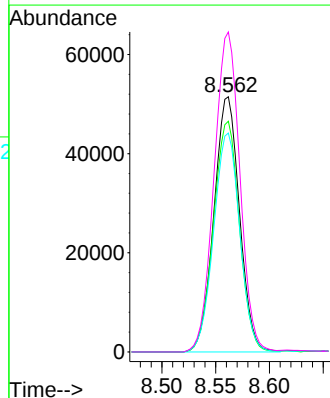
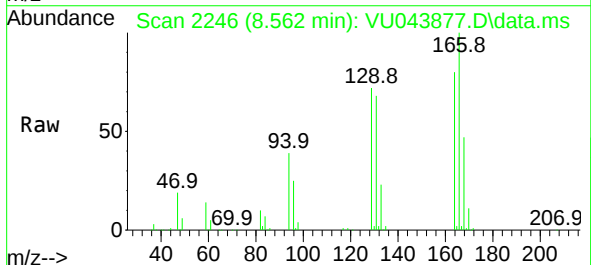
Instrument :
MSVOA_U
ClientSampled :
GB408

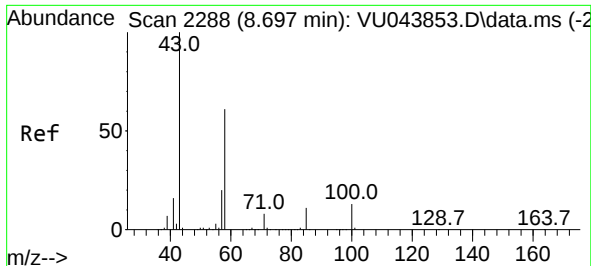
Tgt Ion:	97	Resp:	60543
Ion	Ratio	Lower	Upper
97	100		
99	61.3	43.8	81.4
83	87.4	62.5	116.1
85	56.5	40.9	75.9



#47
Tetrachloroethene
Concen: 6.35 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Tgt Ion:	164	Resp:	85132
Ion	Ratio	Lower	Upper
164	100		
129	90.4	64.1	119.1
131	85.7	61.2	113.8
166	125.4	87.8	163.2

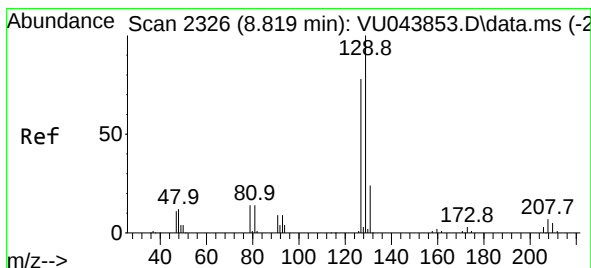
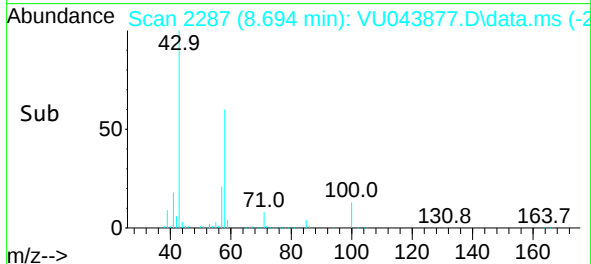
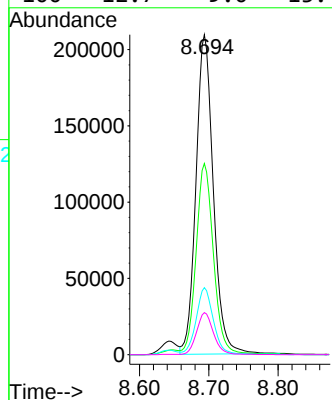
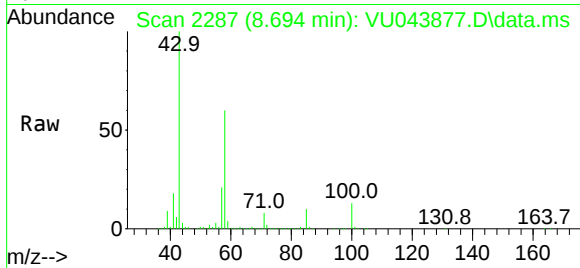




#48
2-Hexanone
Concen: 45.72 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

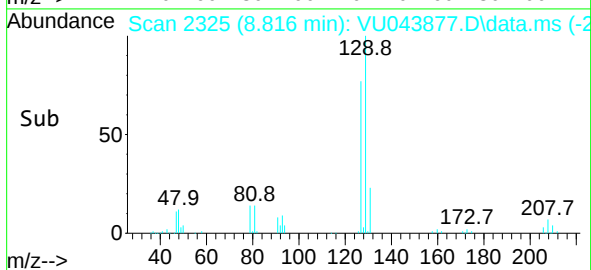
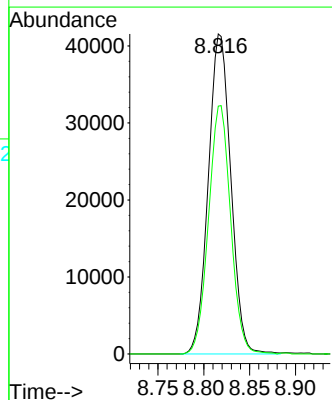
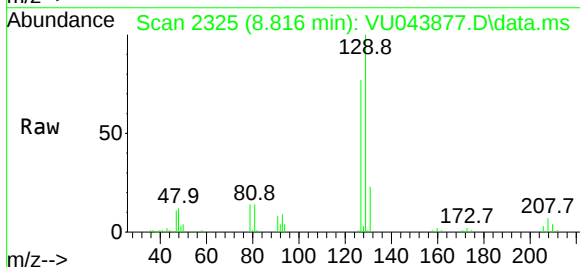
Instrument :
MSVOA_U
ClientSampled :
GB408

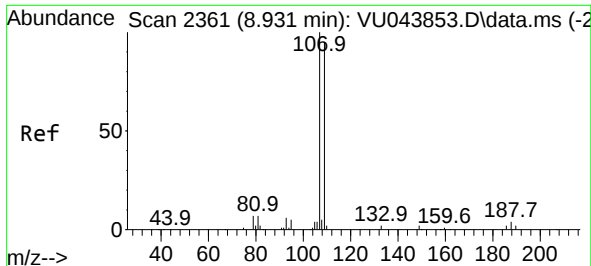
Tgt Ion: 43 Resp: 365827
Ion Ratio Lower Upper
43 100
58 60.0 47.0 70.4
57 20.5 15.8 23.8
100 12.7 9.0 13.4



#49
Dibromochloromethane
Concen: 5.23 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Tgt Ion: 129 Resp: 70957
Ion Ratio Lower Upper
129 100
127 77.4 53.4 99.2





#50

1,2-Dibromoethane

Concen: 4.99 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VU043877.D

Acq: 20 May 2021 20:04

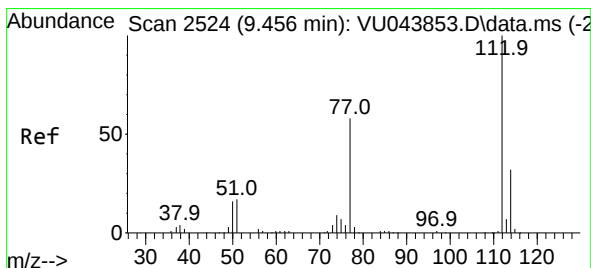
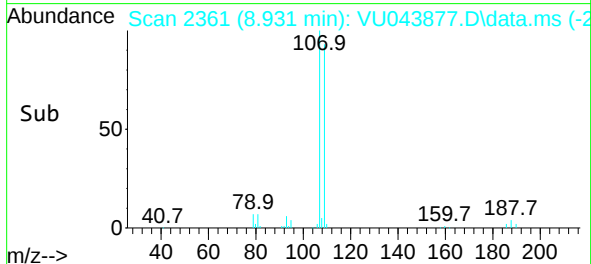
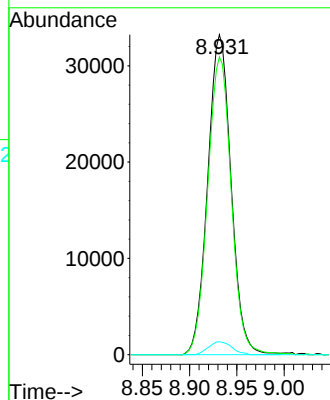
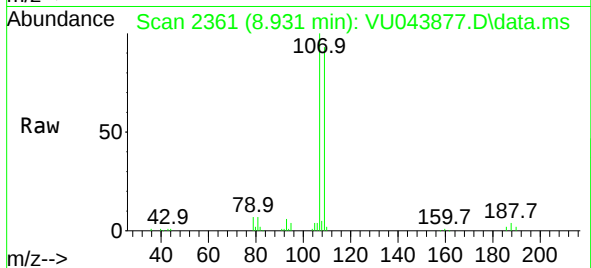
Instrument :

MSVOA_U

ClientSampleId :

GB408

Tgt Ion:	107	Resp:	56994
Ion	Ratio	Lower	Upper
107	100		
109	93.1	67.7	125.7
188	4.1	3.3	4.9



#51

Chlorobenzene

Concen: 5.26 ug/L

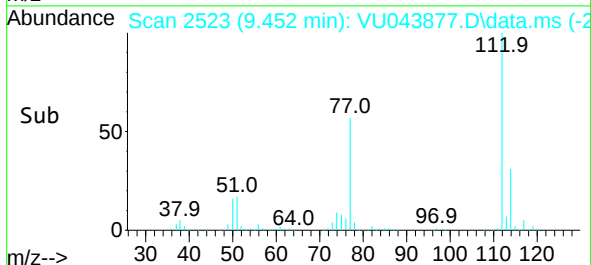
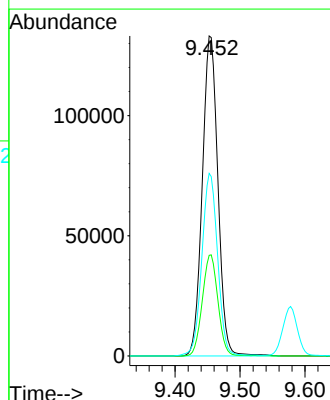
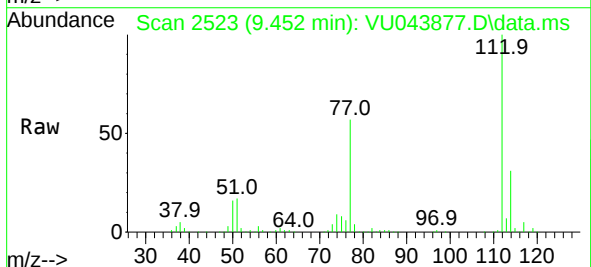
RT: 9.452 min Scan# 2523

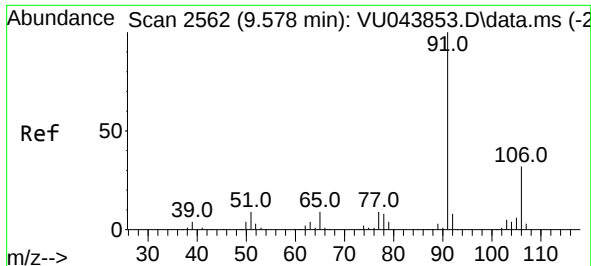
Delta R.T. -0.003 min

Lab File: VU043877.D

Acq: 20 May 2021 20:04

Tgt Ion:	112	Resp:	222943
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.3	41.5
77	57.1	47.8	71.8

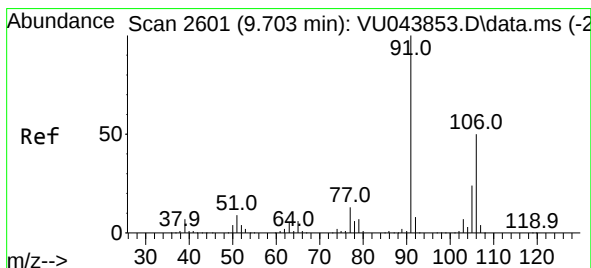
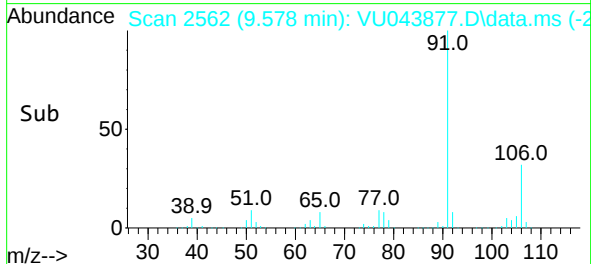
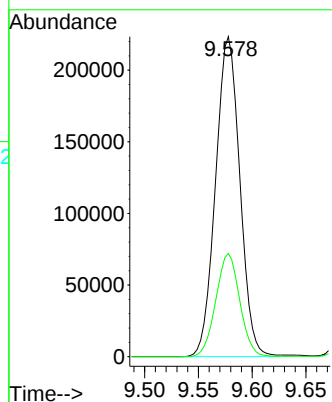
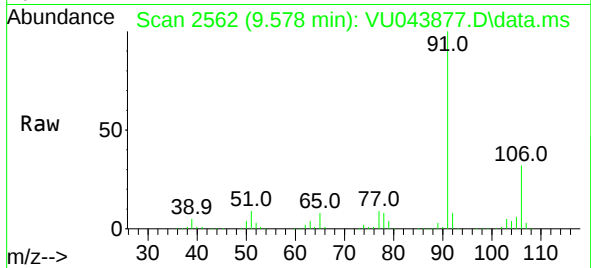




#52
Ethylbenzene
Concen: 5.05 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

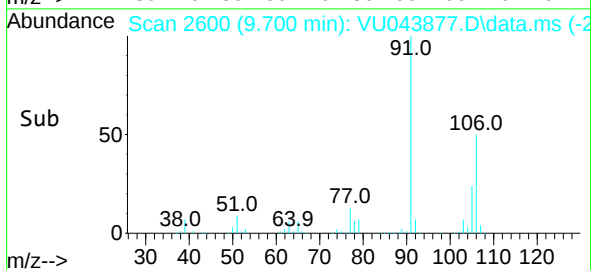
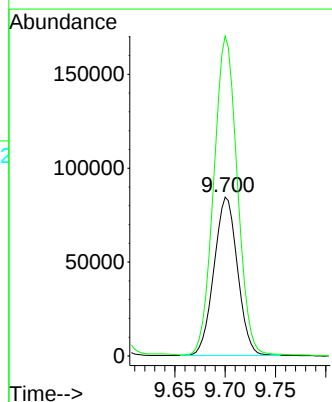
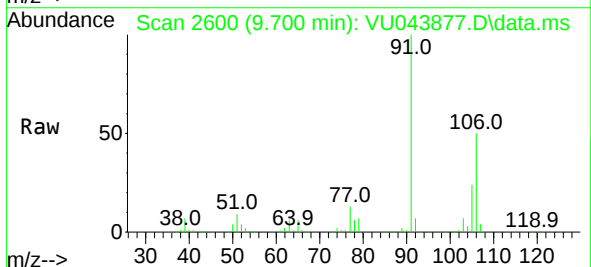
Instrument :
MSVOA_U
ClientSampled :
GB408

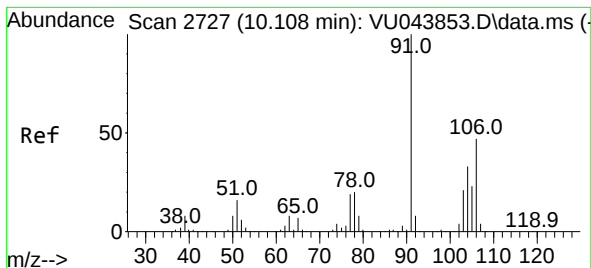
Tgt Ion: 91 Resp: 350768
Ion Ratio Lower Upper
91 100
106 32.3 21.7 40.3



#53
m,p-Xylene
Concen: 5.19 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Tgt Ion: 106 Resp: 137333
Ion Ratio Lower Upper
106 100
91 201.3 144.4 268.2

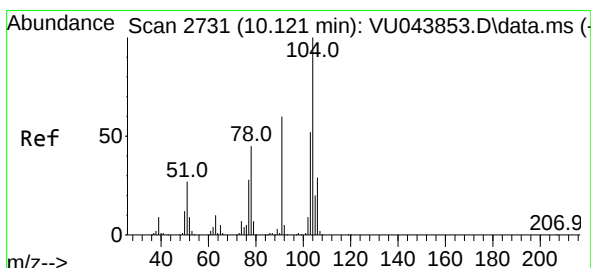
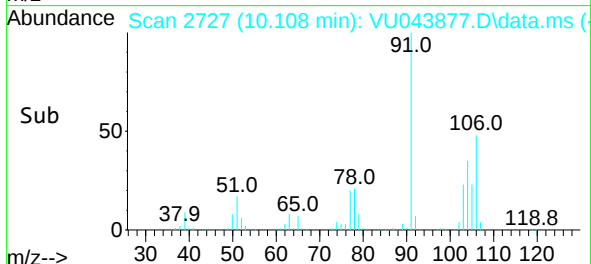
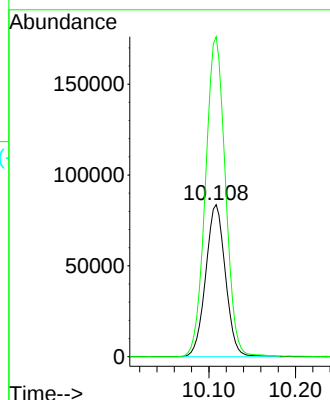
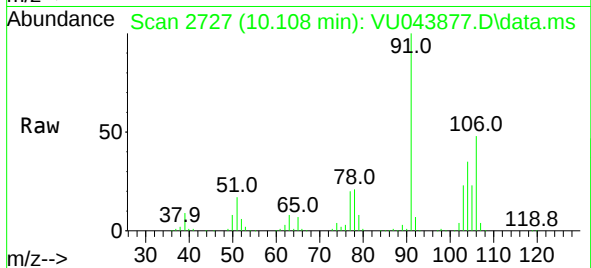




#54
o-Xylene
Concen: 5.24 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

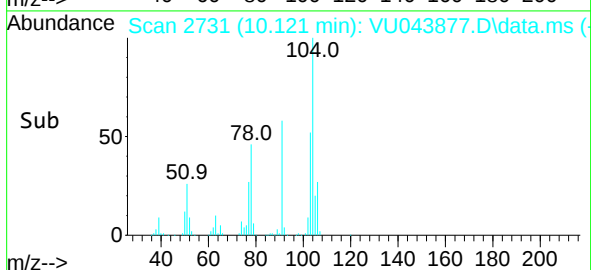
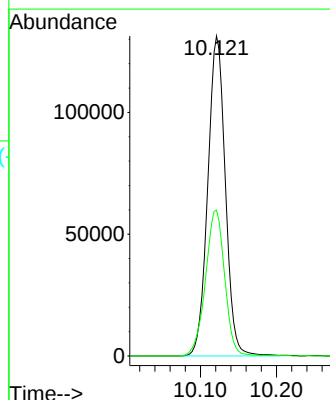
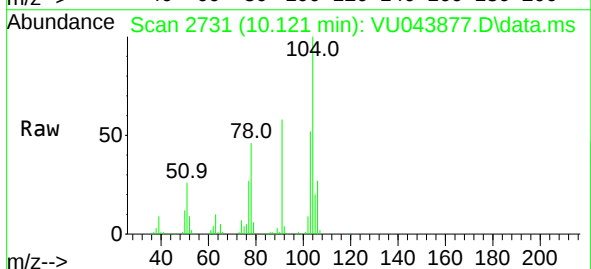
Instrument :
MSVOA_U
ClientSampled :
GB408

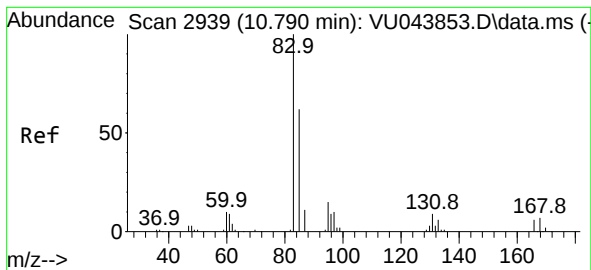
Tgt Ion:106 Resp: 132203
Ion Ratio Lower Upper
106 100
91 210.4 150.8 280.0



#55
Styrene
Concen: 4.95 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Tgt Ion:104 Resp: 210763
Ion Ratio Lower Upper
104 100
78 45.6 31.8 59.0

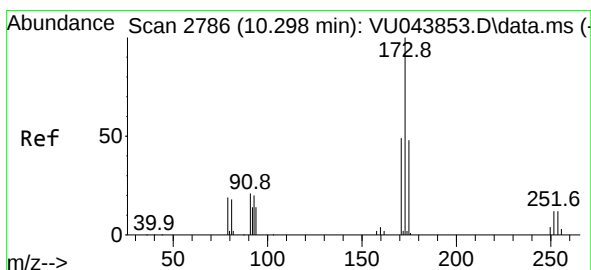
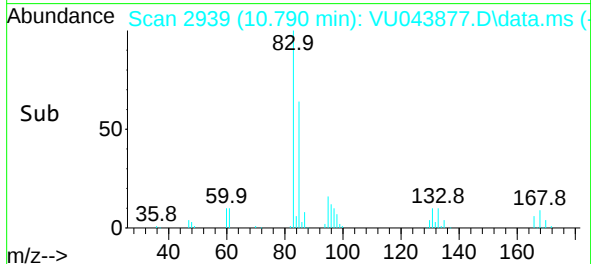
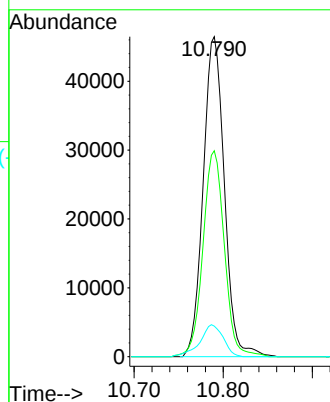
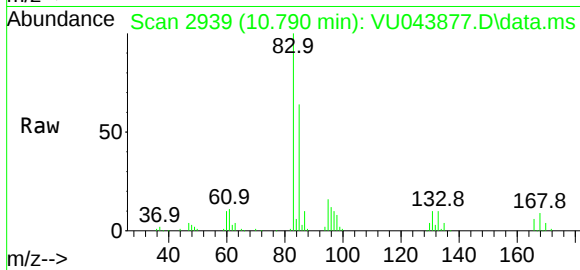




#57
1,1,2,2-Tetrachloroethane
Concen: 4.96 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

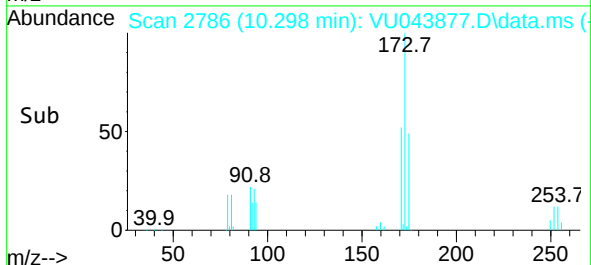
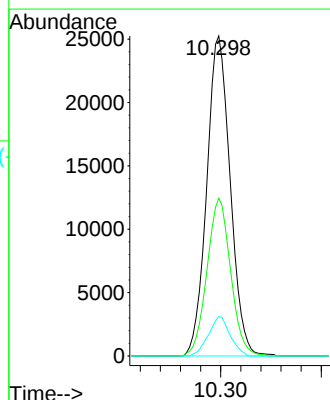
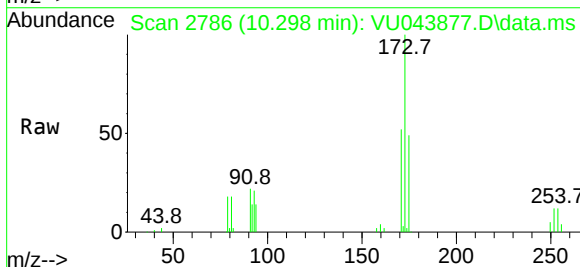
Instrument :
MSVOA_U
ClientSampleId :
GB408

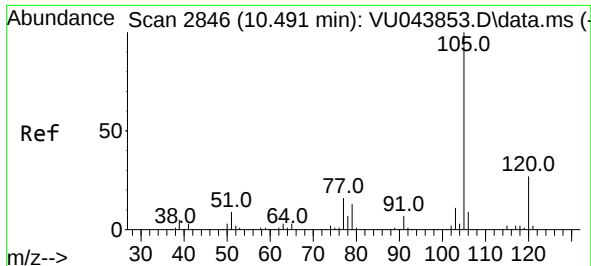
Tgt Ion: 83 Resp: 76602
Ion Ratio Lower Upper
83 100
85 64.3 45.1 83.7
131 9.6 7.6 11.4



#59
Bromoform
Concen: 4.67 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Tgt Ion: 173 Resp: 40938
Ion Ratio Lower Upper
173 100
175 49.6 38.8 58.2
254 11.4 9.4 14.2

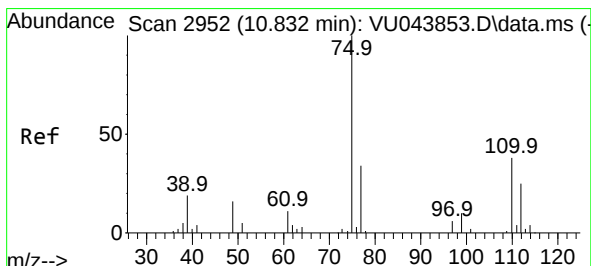
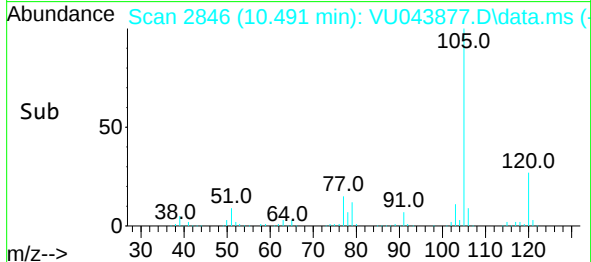
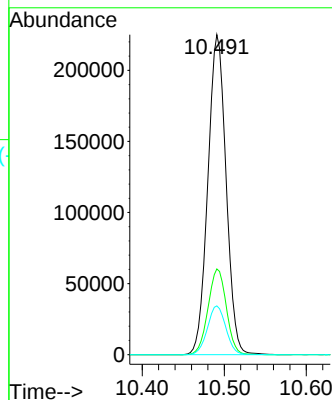
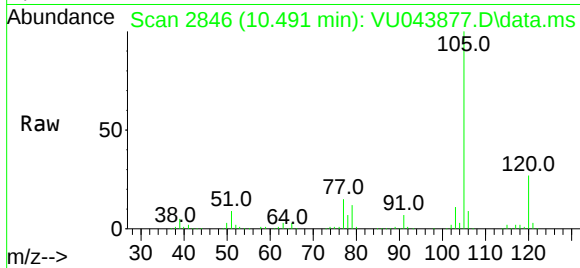




#60
Isopropylbenzene
Concen: 4.86 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

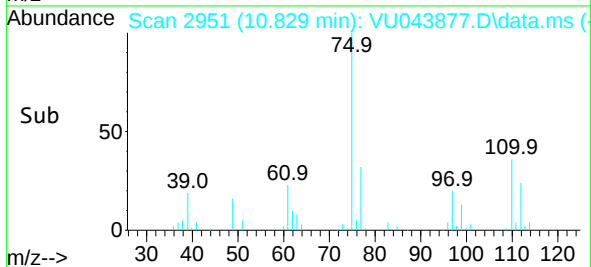
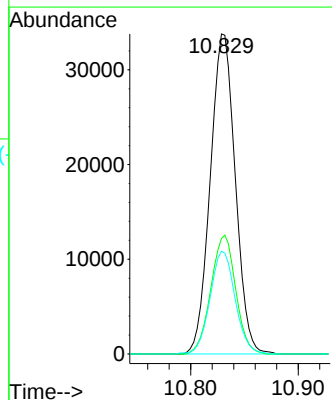
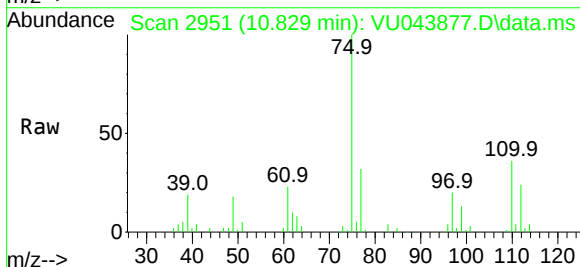
Instrument :
MSVOA_U
ClientSampled :
GB408

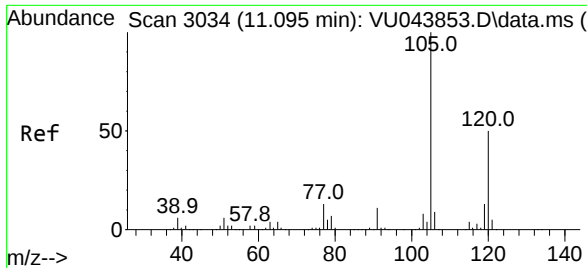
Tgt Ion:105 Resp: 346867
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.40 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Tgt Ion: 75 Resp: 54597
Ion Ratio Lower Upper
75 100
110 36.8 27.9 41.9
77 32.2 25.9 38.9

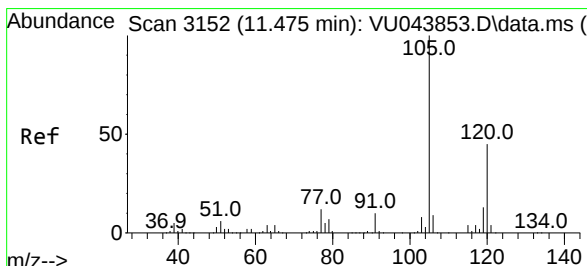
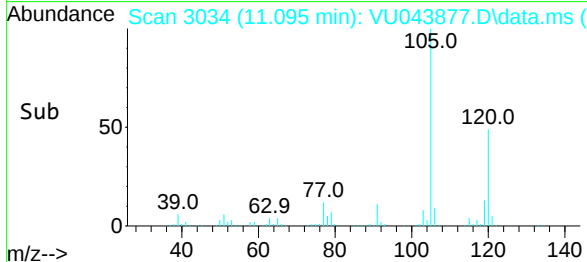
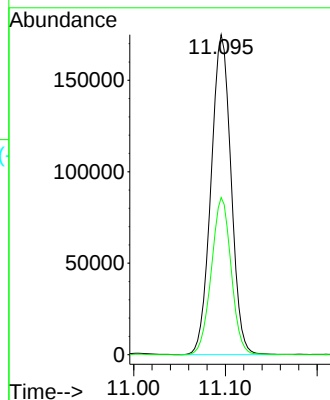
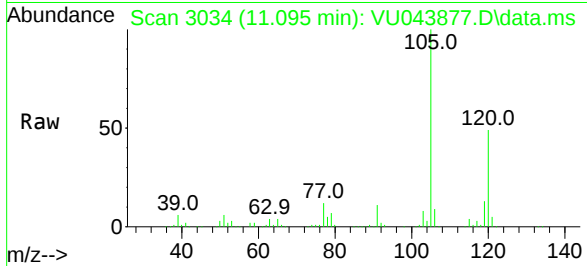




#62
1,3,5-Trimethylbenzene
Concen: 4.62 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

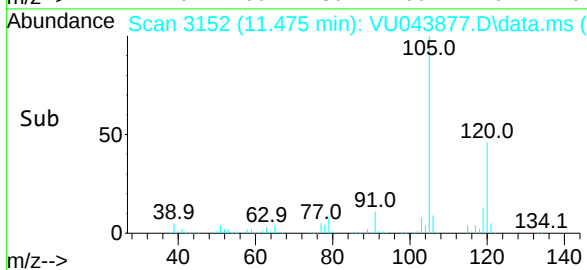
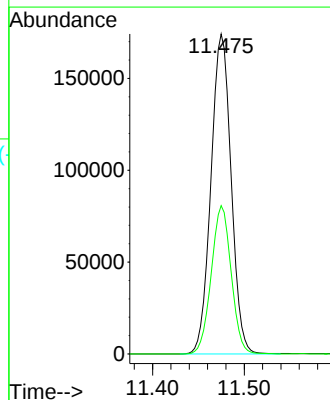
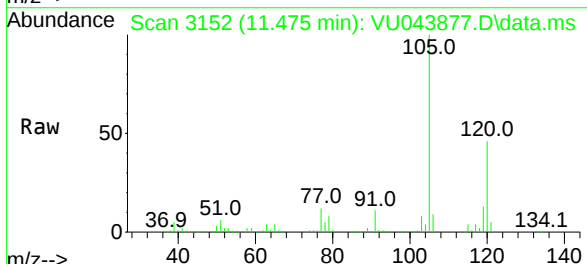
Instrument :
MSVOA_U
ClientSampleId :
GB408

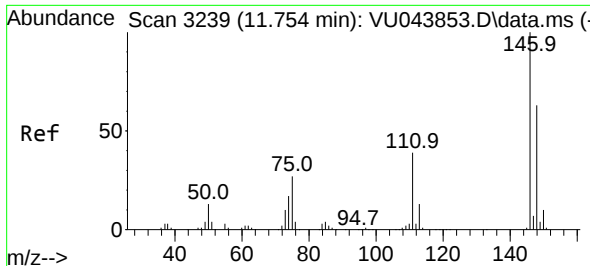
Tgt Ion:105 Resp: 265501
Ion Ratio Lower Upper
105 100
120 48.5 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 4.53 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Tgt Ion:105 Resp: 266497
Ion Ratio Lower Upper
105 100
120 45.8 36.0 54.0

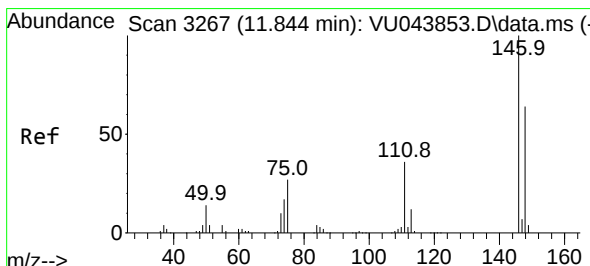
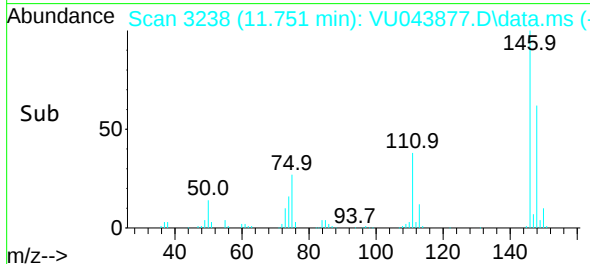
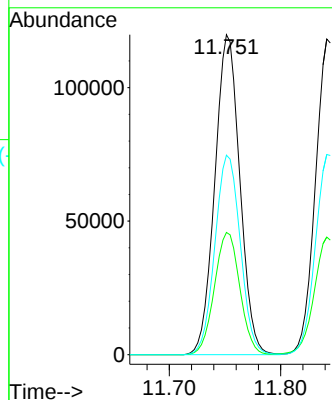
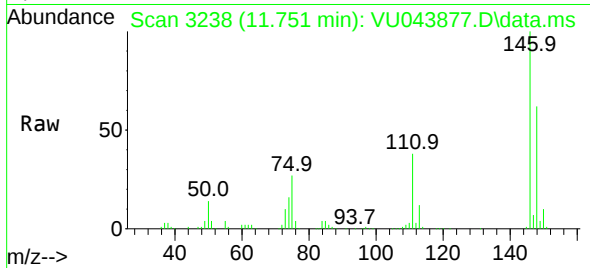




#64
1,3-Dichlorobenzene
Concen: 5.08 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

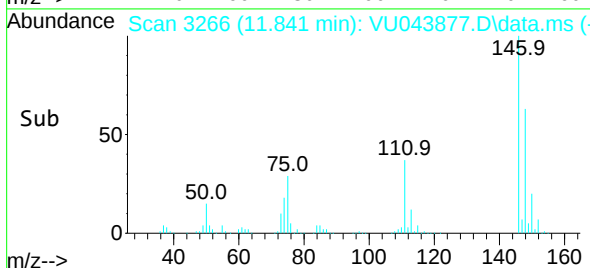
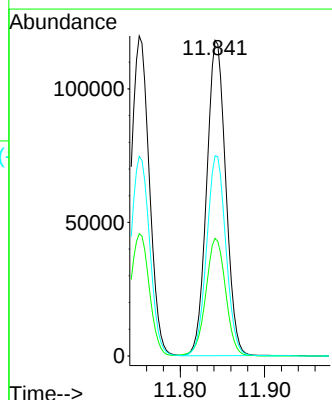
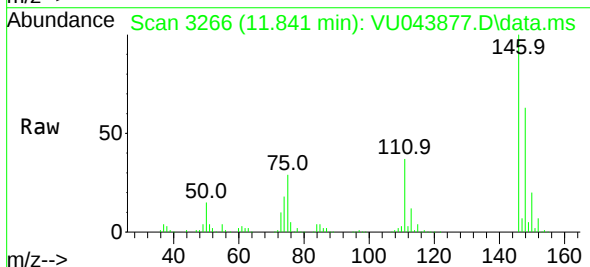
Instrument :
MSVOA_U
ClientSampled :
GB408

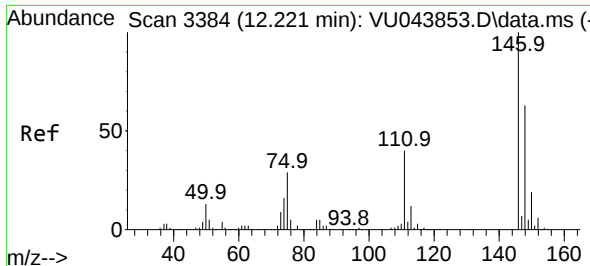
Tgt Ion:146 Resp: 186839
Ion Ratio Lower Upper
146 100
111 38.2 28.1 52.1
148 62.3 45.6 84.6



#65
1,4-Dichlorobenzene
Concen: 5.02 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.003 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Tgt Ion:146 Resp: 185669
Ion Ratio Lower Upper
146 100
111 37.3 27.0 50.2
148 63.4 45.0 83.6

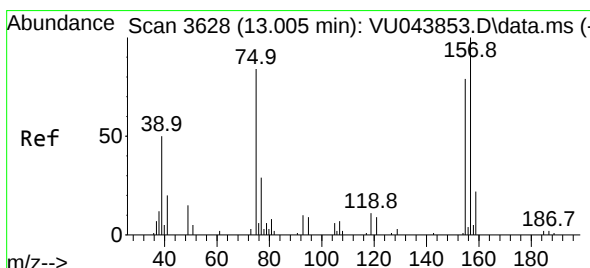
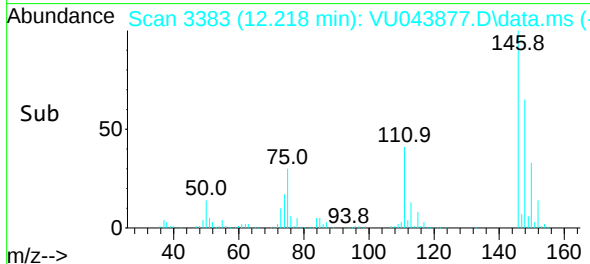
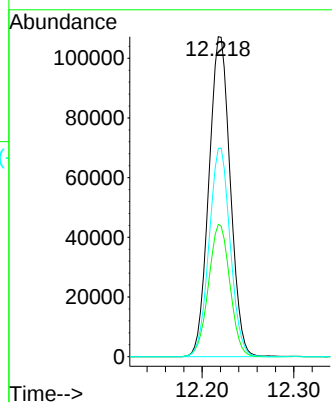
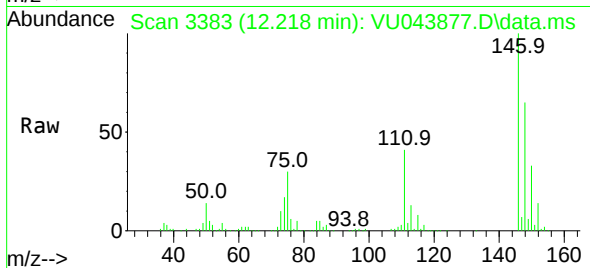




#67
1,2-Dichlorobenzene
Concen: 4.91 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

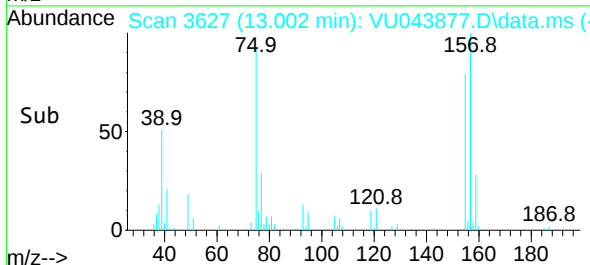
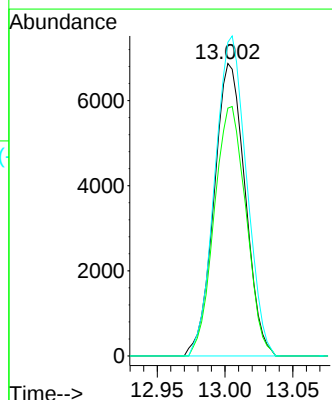
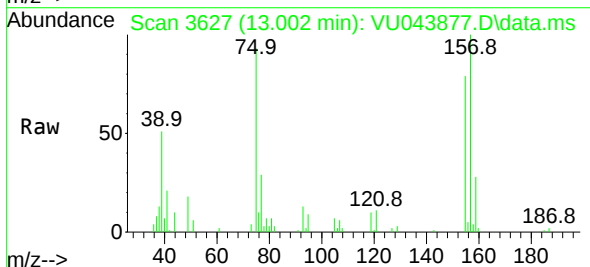
Instrument :
MSVOA_U
ClientSampled :
GB408

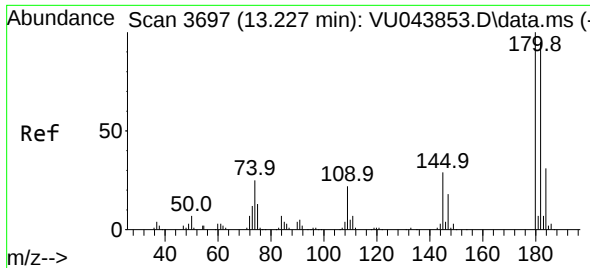
Tgt Ion:146 Resp: 173389
Ion Ratio Lower Upper
146 100
111 41.4 33.6 50.4
148 65.1 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.31 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.003 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Tgt Ion: 75 Resp: 10972
Ion Ratio Lower Upper
75 100
155 84.7 68.7 103.1
157 107.2 87.7 131.5



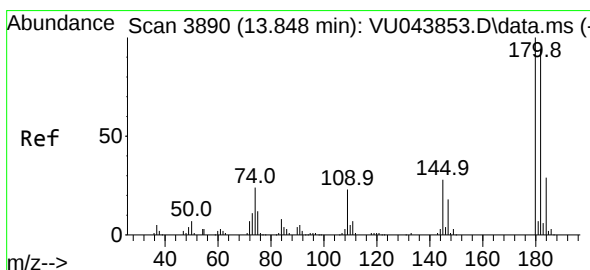
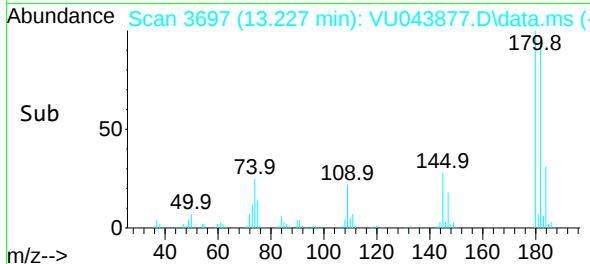
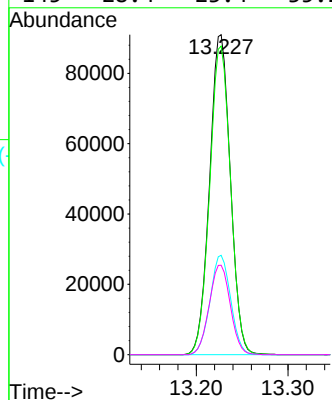
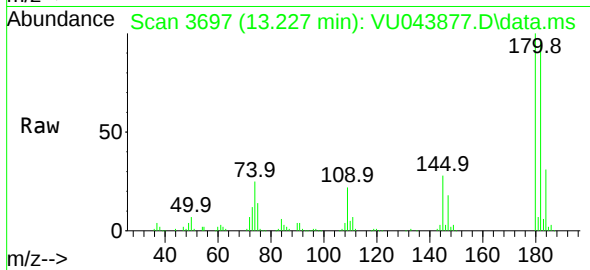


#69
 1,3,5-Trichlorobenzene
 Concen: 4.87 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.000 min
 Lab File: VU043877.D
 Acq: 20 May 2021 20:04

Instrument :
 MSVOA_U
 ClientSampled :
 GB408

Tgt Ion:180 Resp: 143062

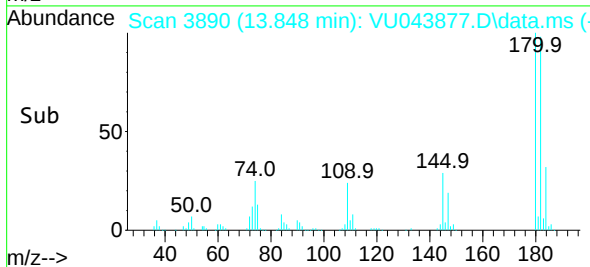
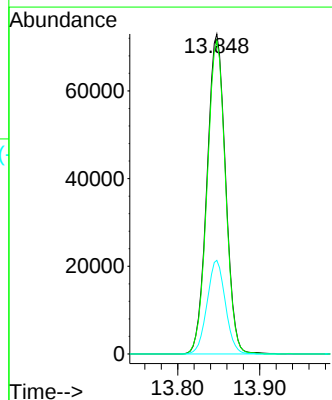
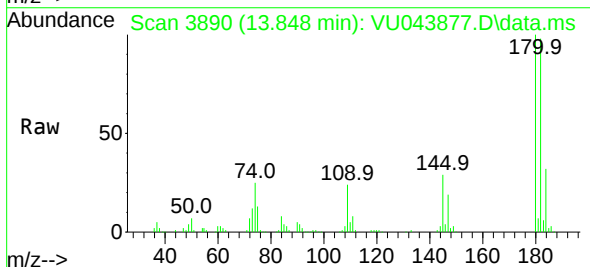
Ion	Ratio	Lower	Upper
180	100		
182	96.9	78.2	117.2
184	31.0	24.8	37.2
145	28.4	23.4	35.2

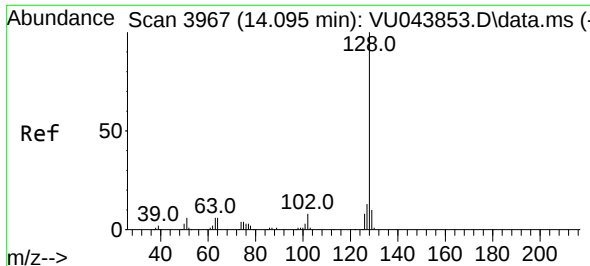


#70
 1,2,4-trichlorobenzene
 Concen: 4.74 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.000 min
 Lab File: VU043877.D
 Acq: 20 May 2021 20:04

Tgt Ion:180 Resp: 114577

Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.9	115.3
145	28.8	23.0	34.4

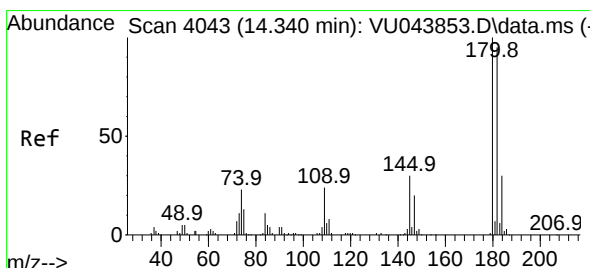
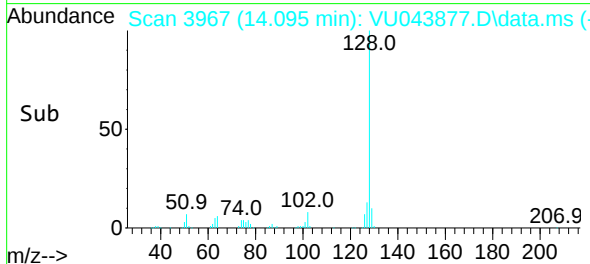
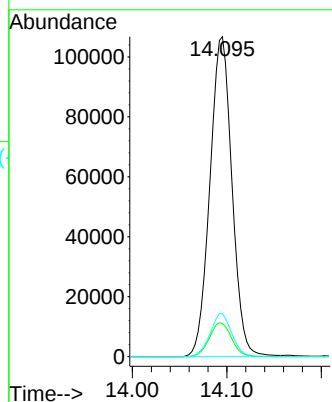
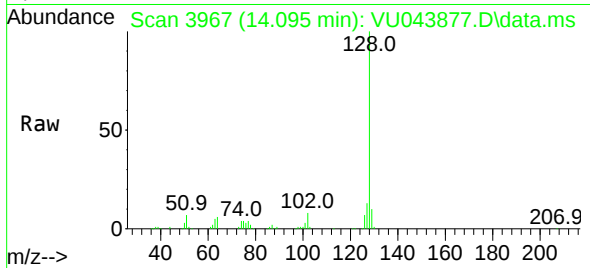




#71
Naphthalene
Concen: 4.06 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Instrument :
MSVOA_U
ClientSampled :
GB408

Tgt Ion:128 Resp: 173288
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.80 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU043877.D
Acq: 20 May 2021 20:04

Tgt Ion:180 Resp: 110134
Ion Ratio Lower Upper
180 100
182 95.8 77.0 115.4
145 30.7 24.6 36.8

