

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043931.D
 Acq On : 25 May 2021 00:24
 Operator : SY/MD
 Sample : M2494-19MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB432MSD

Quant Time: May 25 04:15:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 04:12:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	186226	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	182880	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	96983	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	58674	5.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.20%
7) Chloroethane-d5	1.922	69	42820	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.40%
11) 1,1-Dichloroethene-d2	2.575	65	26347	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.40%
20) 2-Butanone-d5	4.645	46	139400	42.41	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.82%
24) Chloroform-d	5.073	84	129827	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.713	65	65285	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.735	84	263656	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.60%
36) 1,2-Dichloropropane-d6	6.700	67	82514	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.60%
41) Toluene-d8	7.906	98	247045	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.60%
43) trans-1,3-Dichloroprop...	8.185	79	31347	5.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.20%
46) 2-Hexanone-d5	8.645	63	152760	61.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.58%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	78879	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.00%
66) 1,2-Dichlorobenzene-d4	12.198	152	96982	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.391	85	63072	4.93	ug/L	99
3) Chloromethane	1.523	50	74408	5.59	ug/L	99
5) Vinyl chloride	1.610	62	76506	6.14	ug/L	100
6) Bromomethane	1.864	94	46159	6.09	ug/L	99
8) Chloroethane	1.941	64	40199	5.90	ug/L	100
9) Trichlorofluoromethane	2.147	101	89362	5.34	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	62247	5.07	ug/L	100
12) 1,1-Dichloroethene	2.591	96	72482	6.02	ug/L	97
13) Acetone	2.655	43	78373	45.21	ug/L	71
14) Carbon disulfide	2.803	76	203404	5.61	ug/L	99
15) Methyl Acetate	2.964	43	24605	5.06	ug/L #	73
16) Methylene chloride	3.057	84	81004	5.26	ug/L	97
17) Methyl tert-butyl Ether	3.375	73	156770	6.02	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	71170	5.78	ug/L	98
19) 1,1-Dichloroethane	3.880	63	130431	6.07	ug/L	97
21) 2-Butanone	4.726	43	145474	42.29	ug/L	95
22) cis-1,2-Dichloroethene	4.677	96	76014	5.68	ug/L	99
23) Bromochloromethane	4.986	128	40288	5.87	ug/L	97
25) Chloroform	5.099	83	135239	5.66	ug/L	98

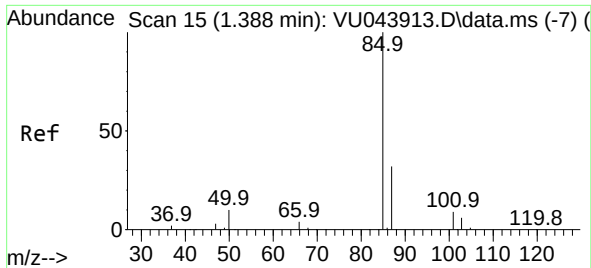
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	82905	5.87	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	106092	5.60	ug/L	98
30) Cyclohexane	5.398	56	89287	5.15	ug/L	99
31) Carbon tetrachloride	5.536	117	87592	5.40	ug/L	100
33) Benzene	5.784	78	296863	6.01	ug/L	100
34) Trichloroethene	6.549	95	72087	5.60	ug/L	99
35) Methylcyclohexane	6.774	83	90633	4.83	ug/L	99
37) 1,2-Dichloropropane	6.800	63	77411	5.91	ug/L	98
38) Bromodichloromethane	7.115	83	94738	6.02	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	97514	5.73	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	483352	65.51	ug/L	99
42) Toluene	7.976	91	317660	6.09	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	89395	6.11	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	63408	6.33	ug/L	99
47) Tetrachloroethene	8.558	164	61063	5.51	ug/L	99
48) 2-Hexanone	8.697	43	371389	67.41	ug/L	98
49) Dibromochloromethane	8.816	129	70399	6.06	ug/L	100
50) 1,2-Dibromoethane	8.931	107	59236	6.37	ug/L	99
51) Chlorobenzene	9.452	112	195678	5.75	ug/L	100
52) Ethylbenzene	9.578	91	295047	5.70	ug/L	100
53) m,p-Xylene	9.700	106	117372	5.75	ug/L	97
54) o-Xylene	10.108	106	112869	5.83	ug/L	100
55) Styrene	10.121	104	198015	5.94	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	79396	6.35	ug/L	98
59) Bromoform	10.298	173	43016	6.17	ug/L	98
60) Isopropylbenzene	10.491	105	280147	5.82	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	56741	6.37	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	217460	5.70	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	226328	5.80	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	155802	5.82	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	155373	5.81	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	152619	5.92	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	11260	6.62	ug/L	99
69) 1,3,5-Trichlorobenzene	13.224	180	112423	5.33	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	90628	5.47	ug/L	100
71) Naphthalene	14.092	128	160462	6.05	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	93489	5.91	ug/L	99

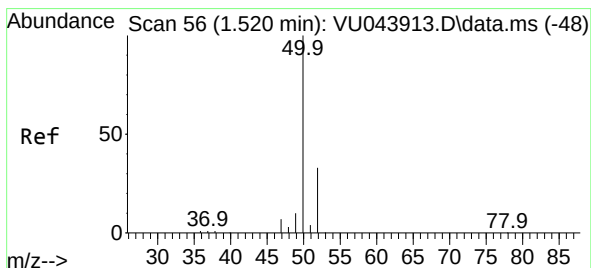
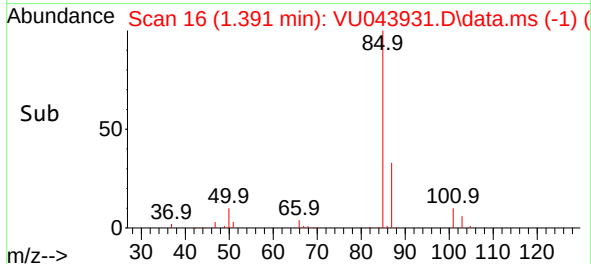
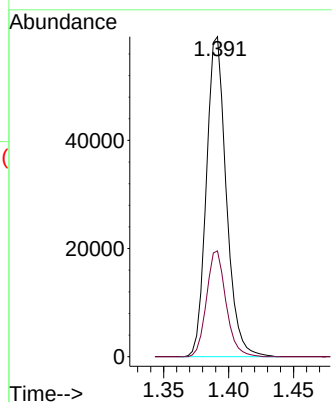
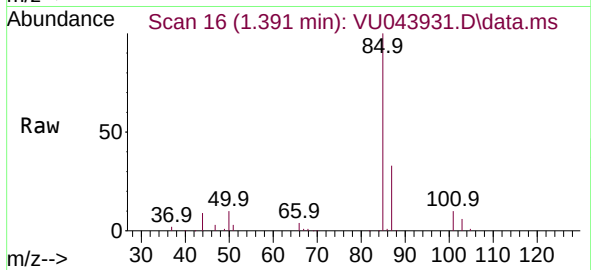
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.93 ug/L
RT: 1.391 min Scan# 16
Delta R.T. 0.003 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

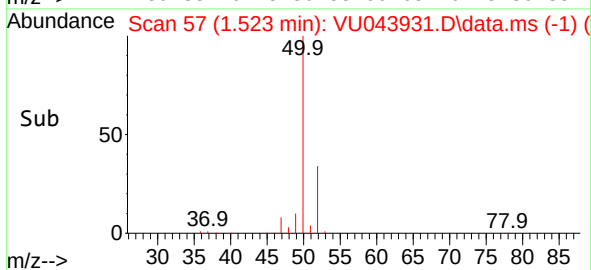
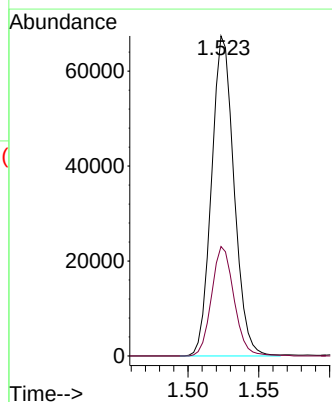
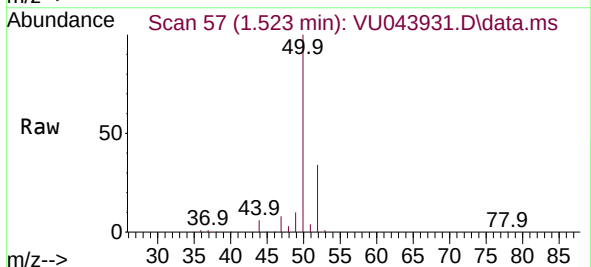
Instrument :
MSVOA_U
ClientSampleId :
GB432MSD

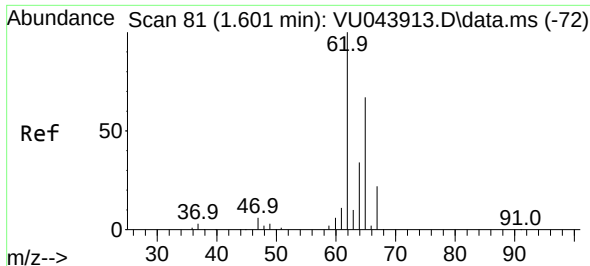
Tgt Ion: 85 Resp: 63072
Ion Ratio Lower Upper
85 100
87 32.4 26.2 39.4



#3
Chloromethane
Concen: 5.59 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Tgt Ion: 50 Resp: 74408
Ion Ratio Lower Upper
50 100
52 34.2 23.4 43.4

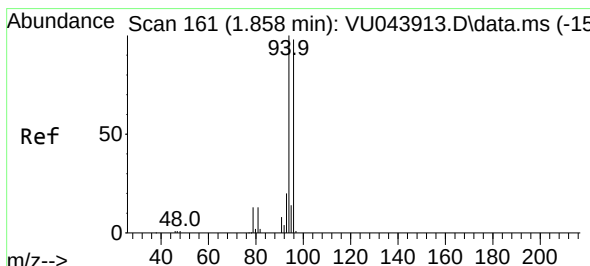
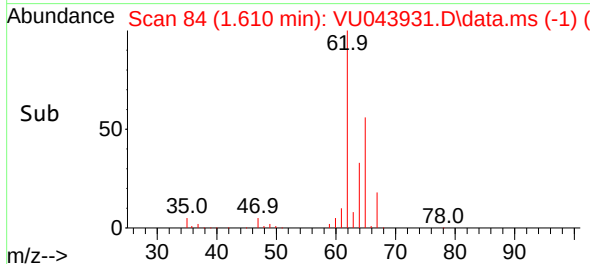
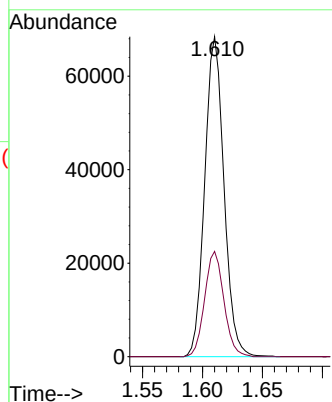
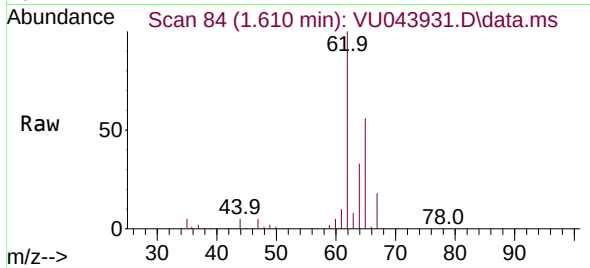




#5
 Vinyl chloride
 Concen: 6.14 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.010 min
 Lab File: VU043931.D
 Acq: 25 May 2021 00:24

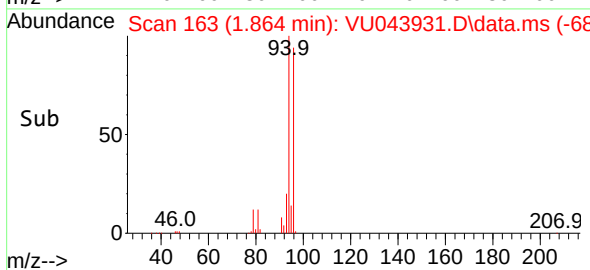
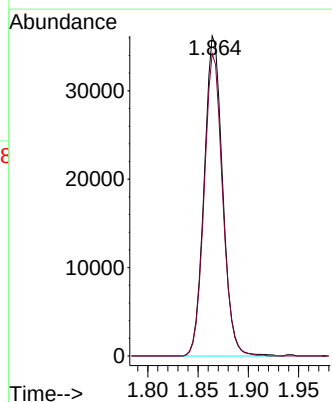
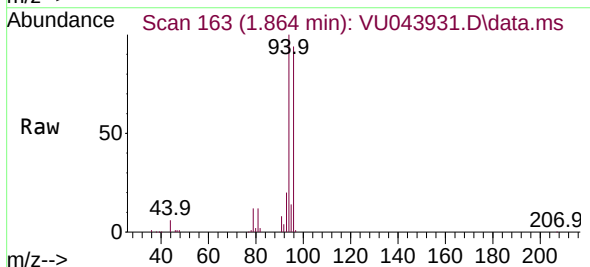
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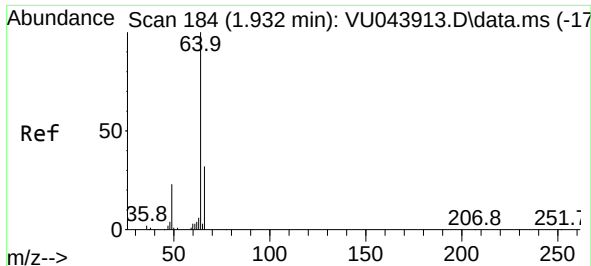
Tgt Ion: 62 Resp: 76506
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.2 43.2



#6
 Bromomethane
 Concen: 6.09 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.006 min
 Lab File: VU043931.D
 Acq: 25 May 2021 00:24

Tgt Ion: 94 Resp: 46159
 Ion Ratio Lower Upper
 94 100
 96 94.5 67.1 124.7

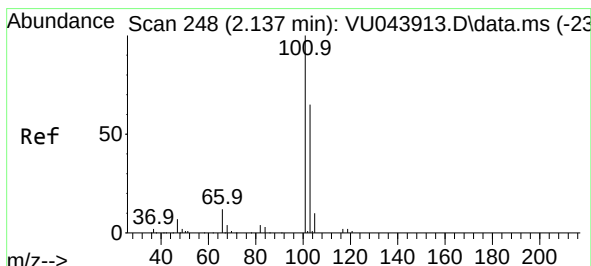
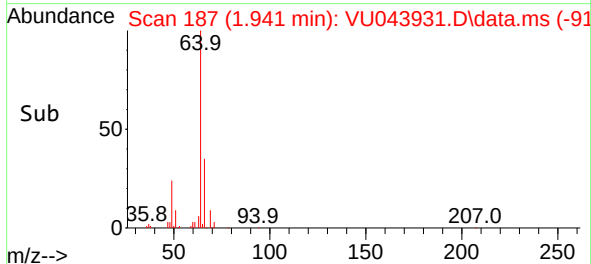
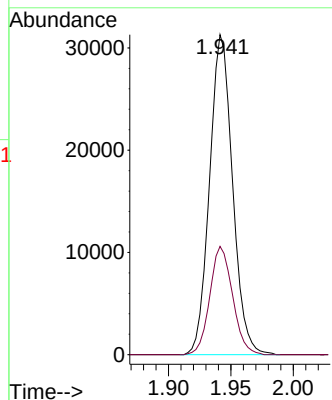
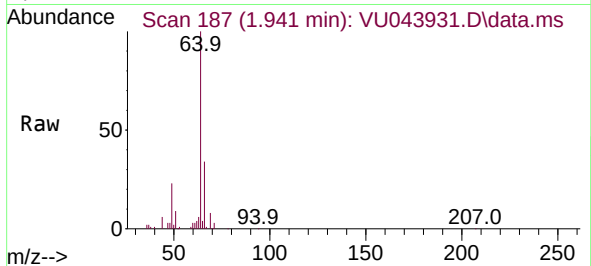




#8
Chloroethane
Concen: 5.90 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.010 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

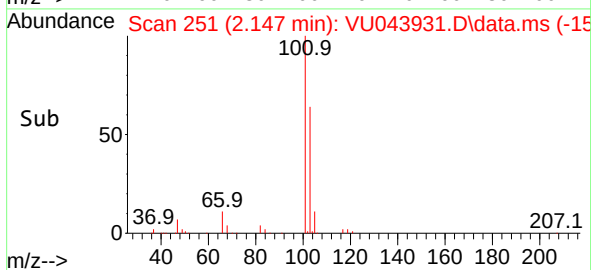
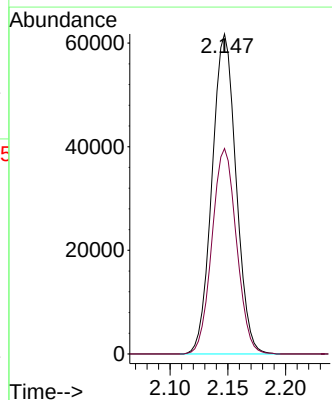
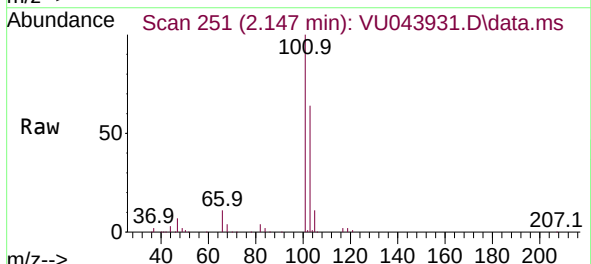
Instrument :
MSVOA_U
ClientSampleId :
GB432MSD

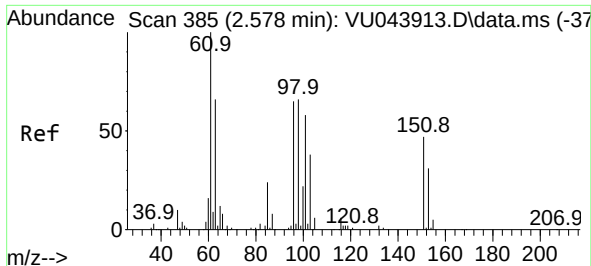
Tgt Ion: 64 Resp: 40199
Ion Ratio Lower Upper
64 100
66 33.8 23.7 44.1



#9
Trichlorofluoromethane
Concen: 5.34 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.010 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Tgt Ion: 101 Resp: 89362
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.07 ug/L

RT: 2.591 min Scan# 389

Delta R.T. 0.013 min

Lab File: VU043931.D

Acq: 25 May 2021 00:24

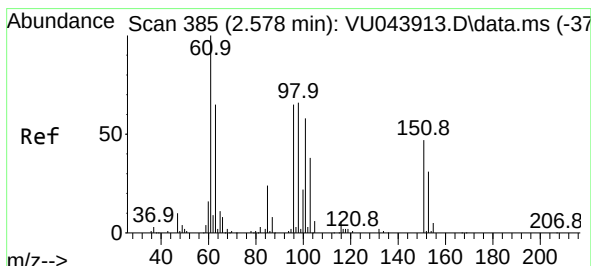
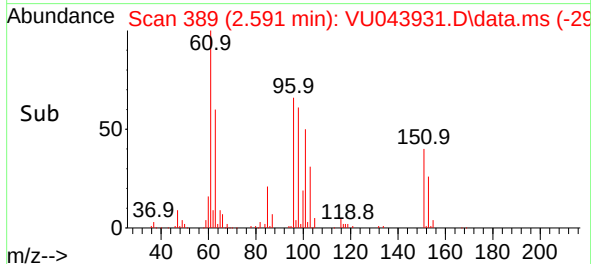
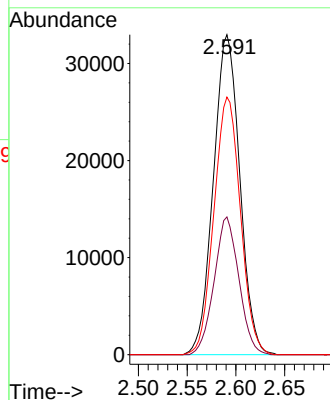
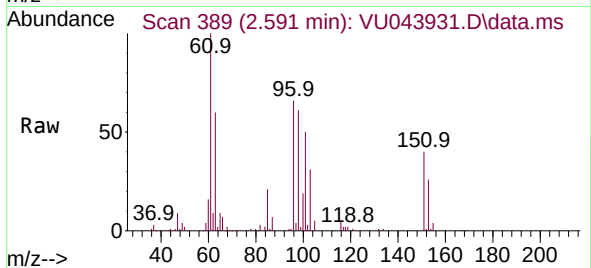
Instrument :

MSVOA_U

ClientSampleId :

GB432MSD

Tgt Ion:	101	Resp:	62247
Ion Ratio	Lower	Upper	
101	100		
85	40.3	32.5	48.7
151	80.7	64.9	97.3



#12

1,1-Dichloroethene

Concen: 6.02 ug/L

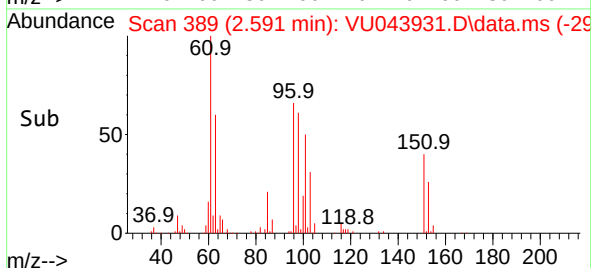
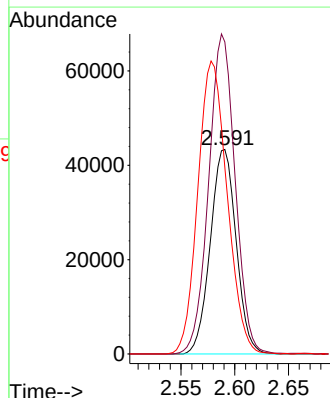
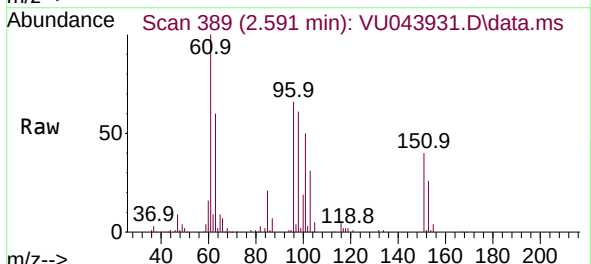
RT: 2.591 min Scan# 389

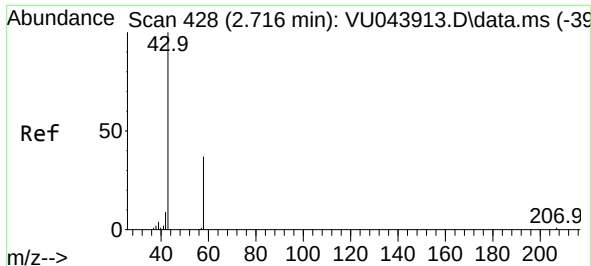
Delta R.T. 0.013 min

Lab File: VU043931.D

Acq: 25 May 2021 00:24

Tgt Ion:	96	Resp:	72482
Ion Ratio	Lower	Upper	
96	100		
61	152.6	105.1	195.3
63	91.3	66.6	123.6

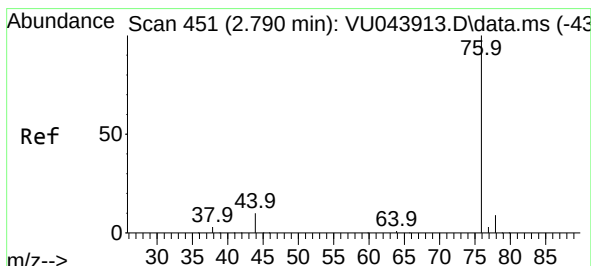
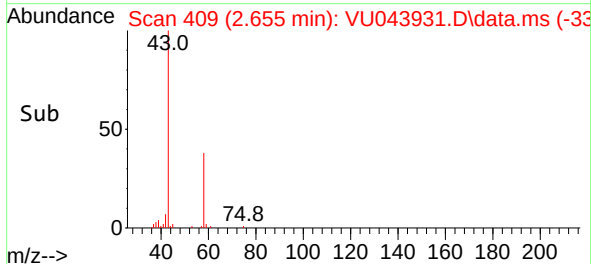
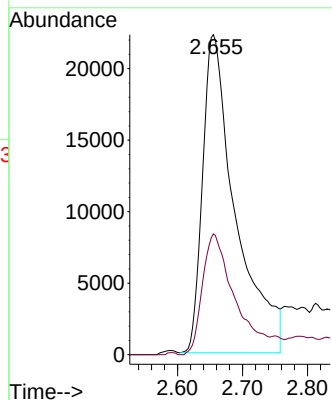
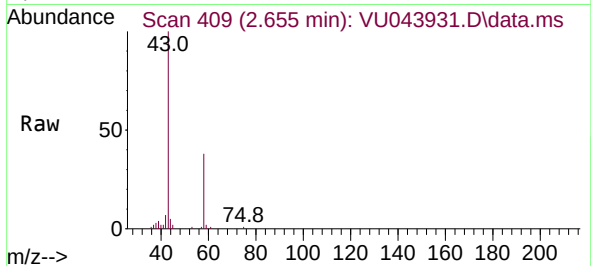




#13
Acetone
Concen: 45.21 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.061 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

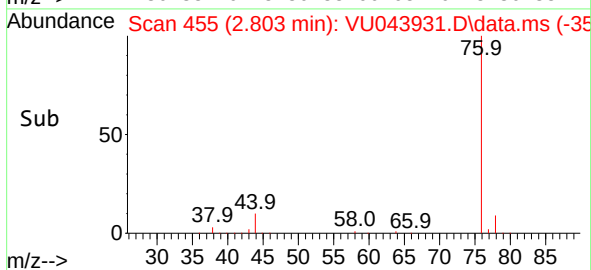
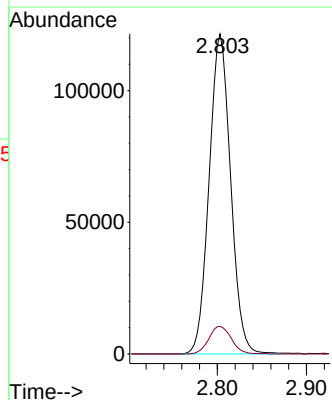
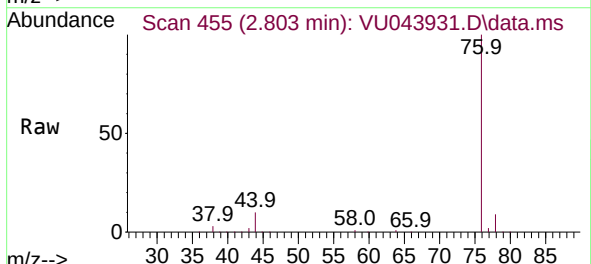
Instrument :
MSVOA_U
ClientSampleId :
GB432MSD

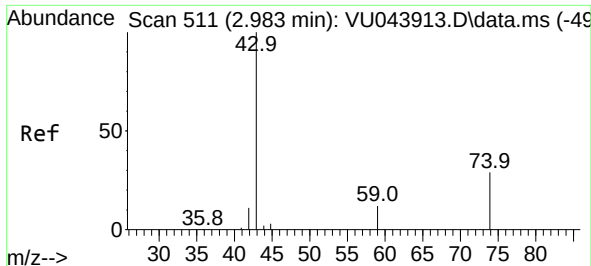
Tgt Ion: 43 Resp: 78373
Ion Ratio Lower Upper
43 100
58 37.2 0.0 46.2



#14
Carbon disulfide
Concen: 5.61 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.013 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Tgt Ion: 76 Resp: 203404
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6

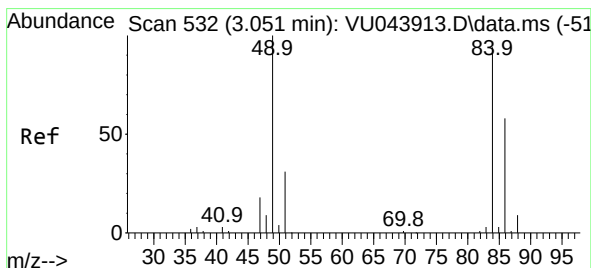
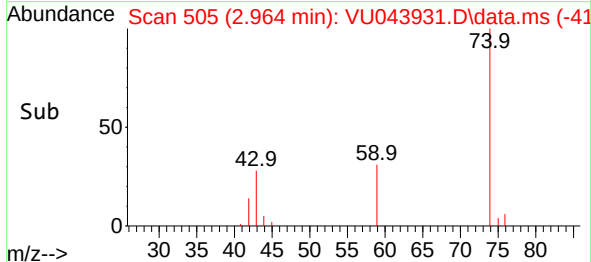
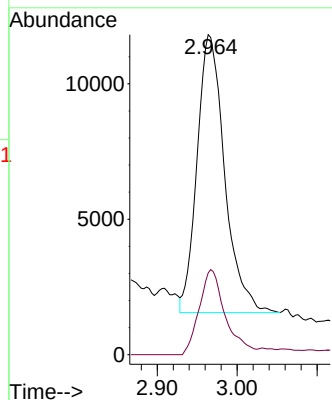
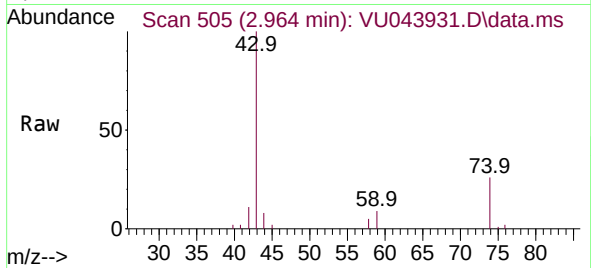




#15
Methyl Acetate
Concen: 5.06 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.019 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

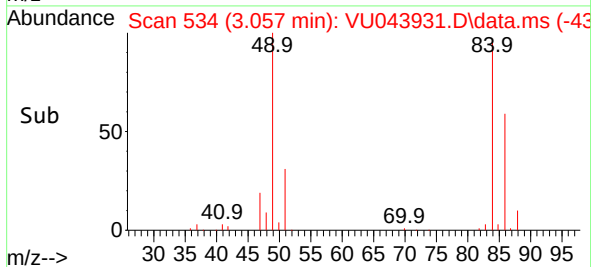
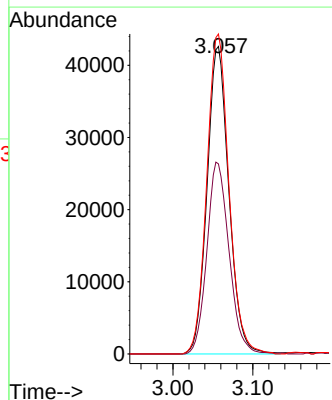
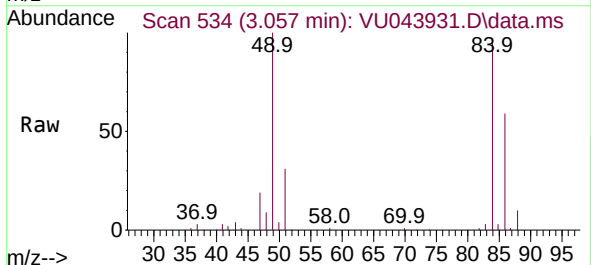
Instrument :
MSVOA_U
ClientSampleID :
GB432MSD

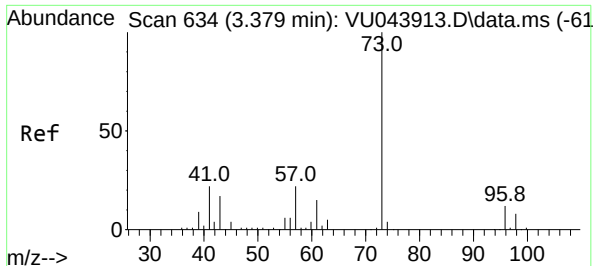
Tgt Ion: 43 Resp: 24605
Ion Ratio Lower Upper
43 100
74 29.1 13.8 20.6#



#16
Methylene chloride
Concen: 5.26 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Tgt Ion: 84 Resp: 81004
Ion Ratio Lower Upper
84 100
86 61.8 45.6 84.8
49 104.1 74.2 137.8



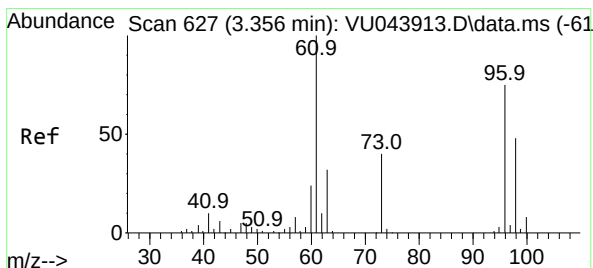
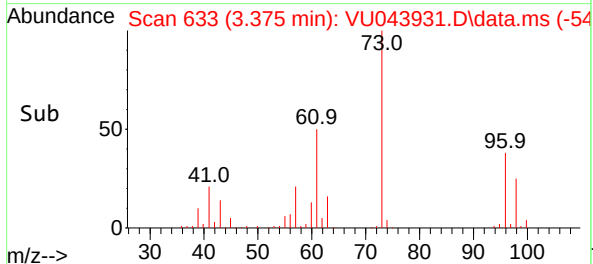
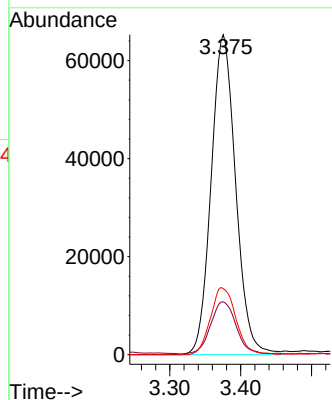
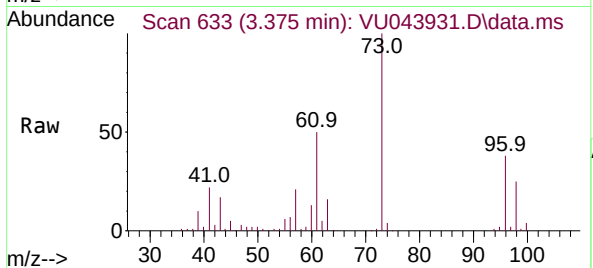


#17

Methyl tert-butyl Ether
Concen: 6.02 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.003 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Instrument :
MSVOA_U
ClientSampleId :
GB432MSD

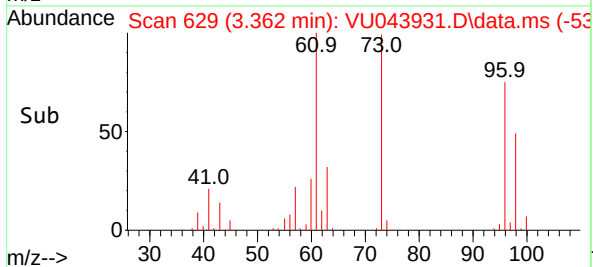
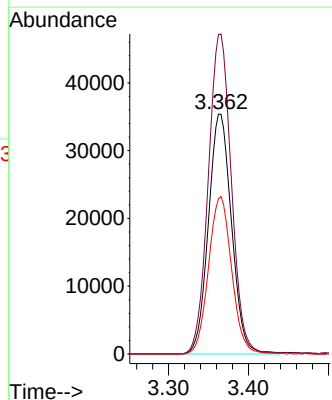
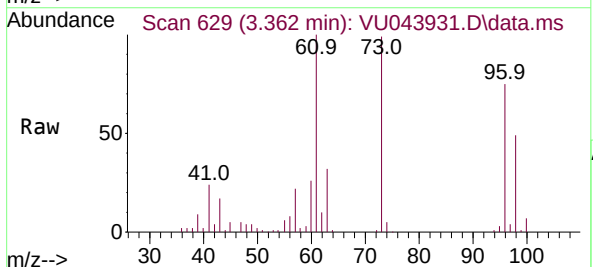
Tgt Ion: 73 Resp: 156770
Ion Ratio Lower Upper
73 100
43 16.9 13.8 20.8
57 21.8 17.8 26.8

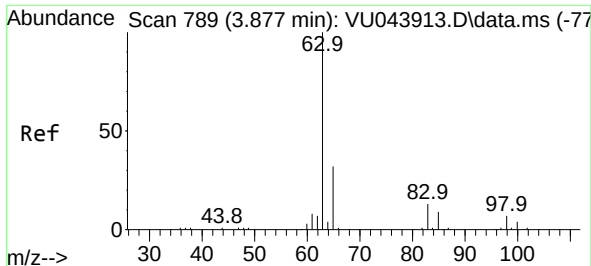


#18

trans-1,2-Dichloroethene
Concen: 5.78 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.006 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Tgt Ion: 96 Resp: 71170
Ion Ratio Lower Upper
96 100
61 133.2 93.9 174.3
98 64.7 43.5 80.7





#19

1,1-Dichloroethane

Concen: 6.07 ug/L

RT: 3.880 min Scan# 790

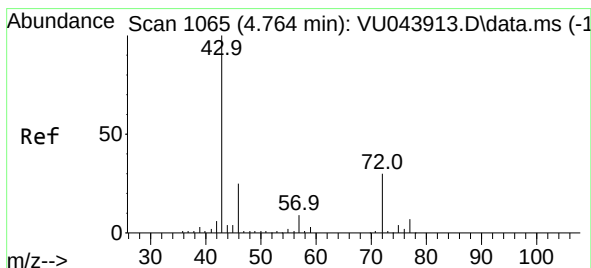
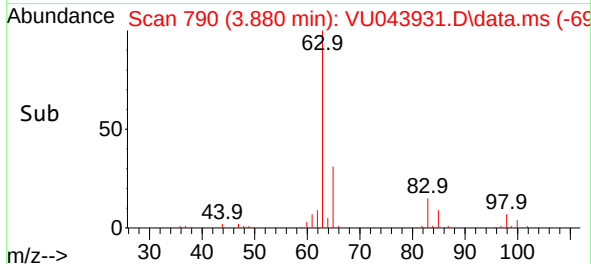
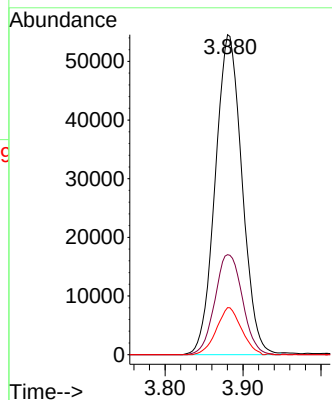
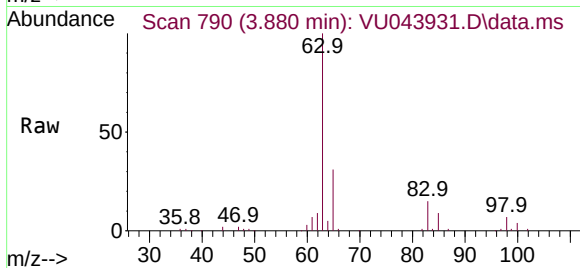
Delta R.T. 0.003 min

Lab File: VU043931.D

Acq: 25 May 2021 00:24

Tgt Ion:	63	Resp:	130431
Ion	Ratio	Lower	Upper
63	100		
65	31.3	23.2	43.2
83	14.7	9.7	18.1

Instrument :
MSVOA_U
ClientSampleId :
GB432MSD



#21

2-Butanone

Concen: 42.29 ug/L

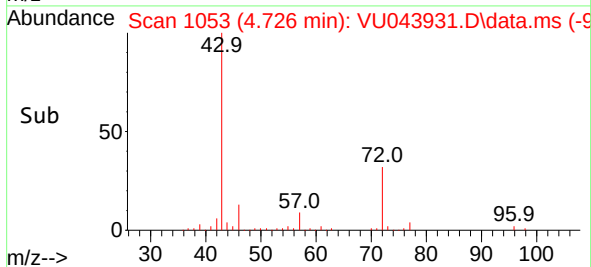
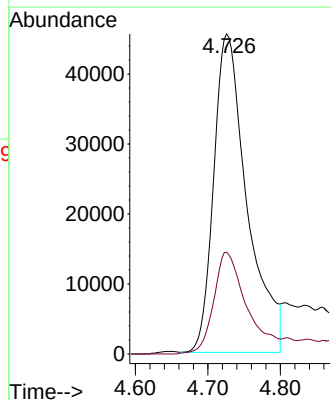
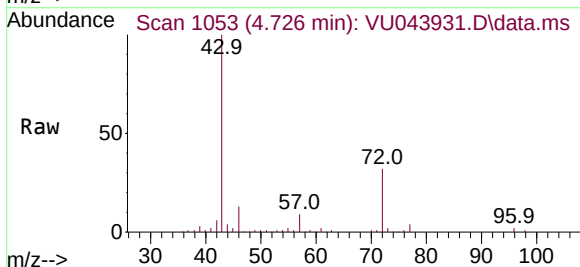
RT: 4.726 min Scan# 1053

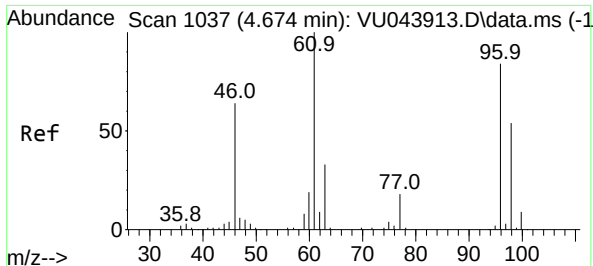
Delta R.T. -0.039 min

Lab File: VU043931.D

Acq: 25 May 2021 00:24

Tgt Ion:	43	Resp:	145474
Ion	Ratio	Lower	Upper
43	100		
72	31.9	14.7	44.1





#22

cis-1,2-Dichloroethene

Concen: 5.68 ug/L

RT: 4.677 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VU043931.D

Acq: 25 May 2021 00:24

Tgt Ion: 96 Resp: 76014

Ion Ratio Lower Upper

96 100

61 118.1 82.9 153.9

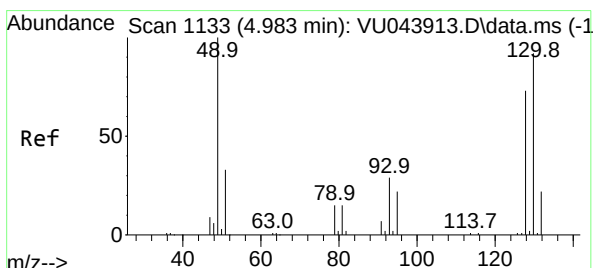
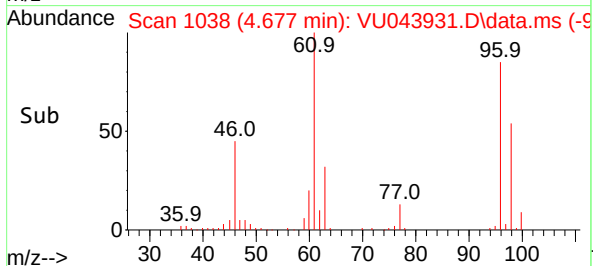
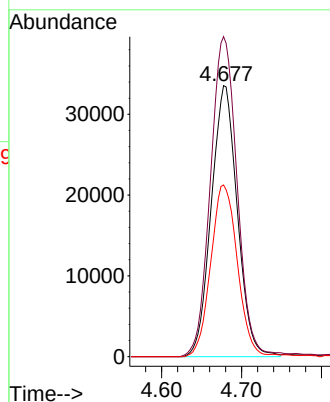
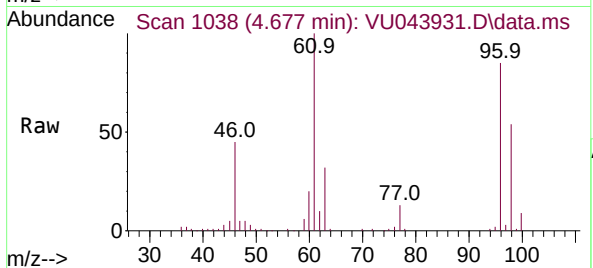
98 63.4 43.3 80.5

Instrument :

MSVOA_U

ClientSampleId :

GB432MSD



#23

Bromochloromethane

Concen: 5.87 ug/L

RT: 4.986 min Scan# 1134

Delta R.T. 0.003 min

Lab File: VU043931.D

Acq: 25 May 2021 00:24

Tgt Ion:128 Resp: 40288

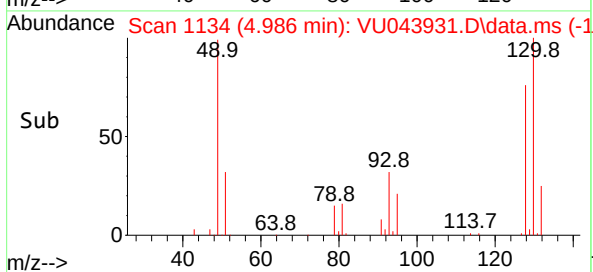
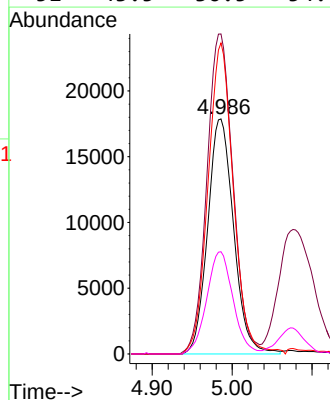
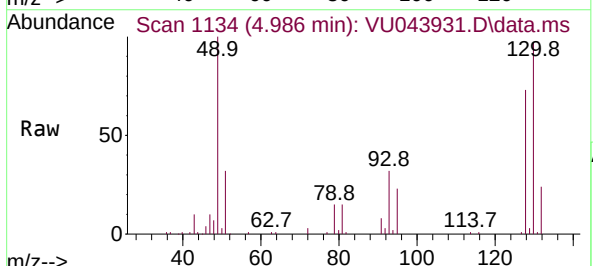
Ion Ratio Lower Upper

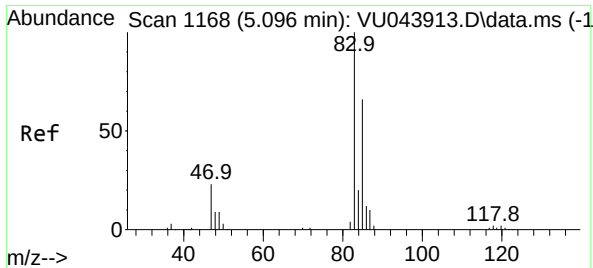
128 100

49 136.2 98.7 183.3

130 132.4 94.6 175.8

51 43.5 36.5 54.7

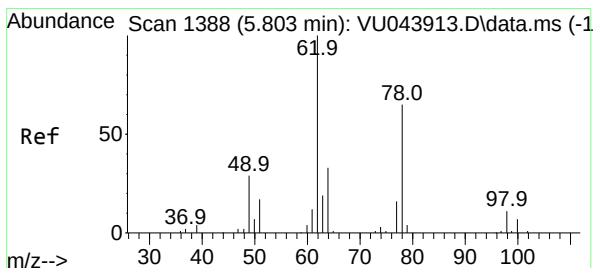
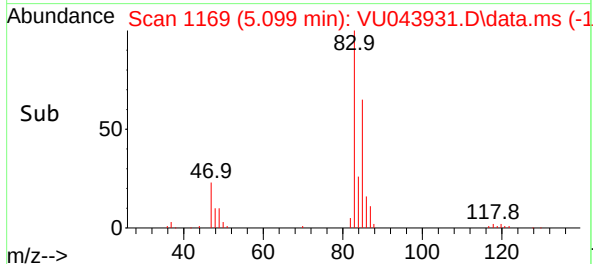
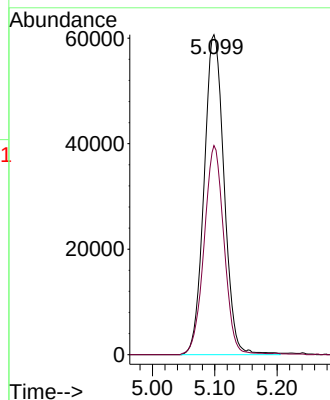
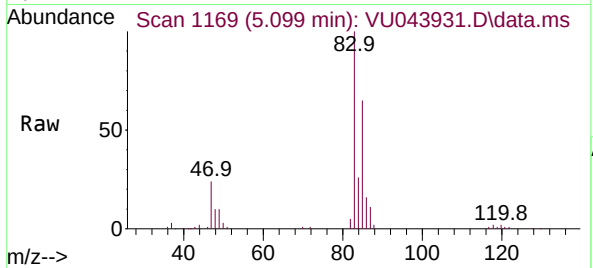




#25
Chloroform
Concen: 5.66 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

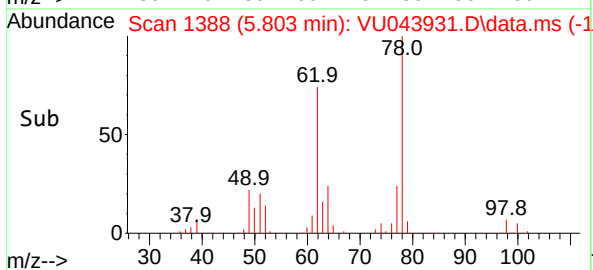
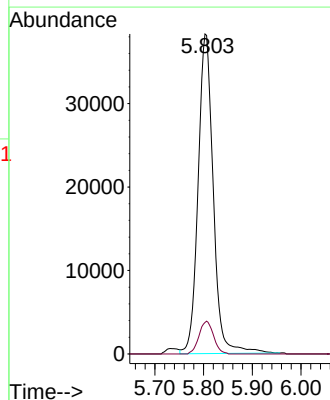
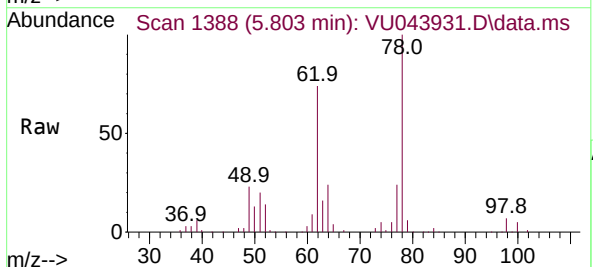
Instrument :
MSVOA_U
ClientSampleId :
GB432MSD

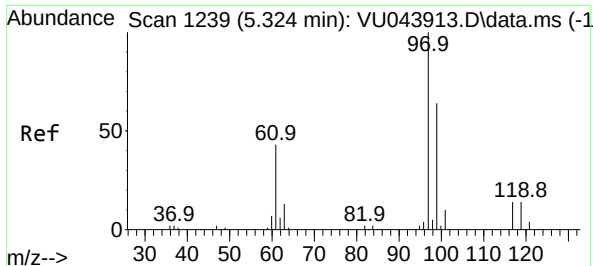
Tgt Ion: 83 Resp: 135239
Ion Ratio Lower Upper
83 100
85 65.3 44.7 82.9



#27
1,2-Dichloroethane
Concen: 5.87 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Tgt Ion: 62 Resp: 82905
Ion Ratio Lower Upper
62 100
98 9.9 8.3 12.5

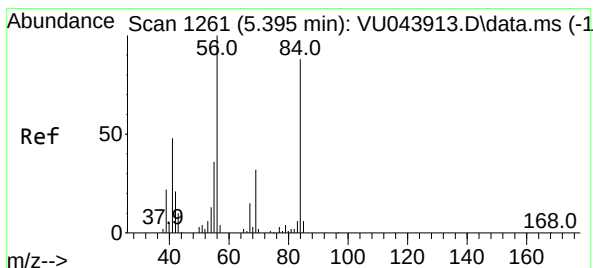
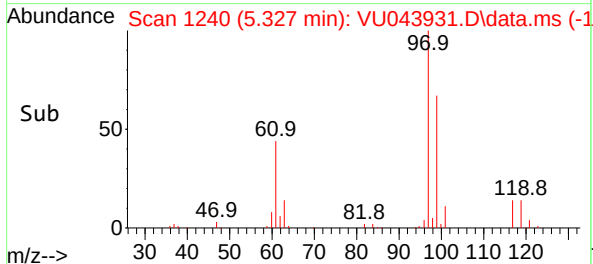
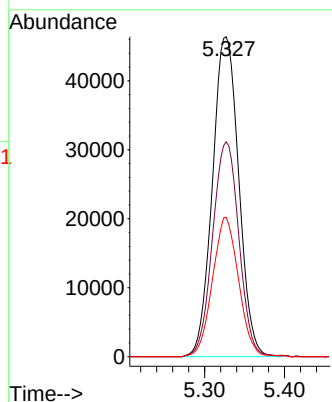
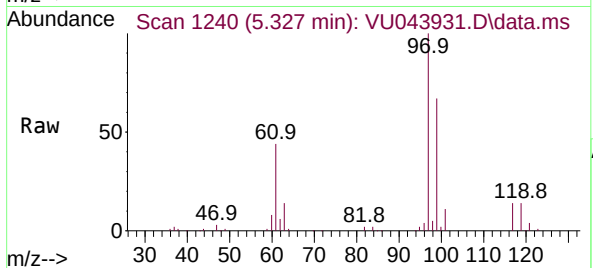




#29
1,1,1-Trichloroethane
Concen: 5.60 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

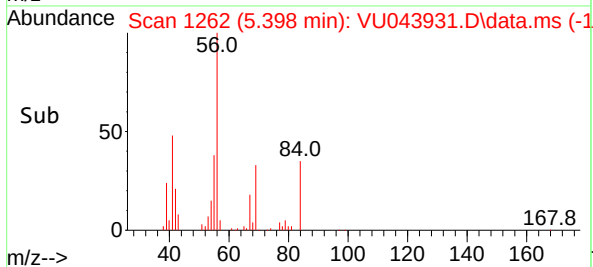
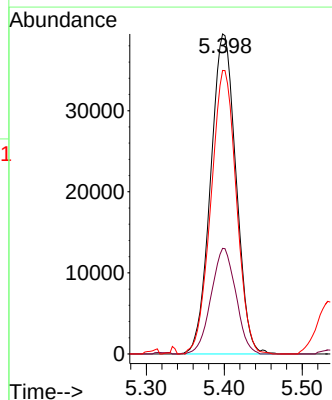
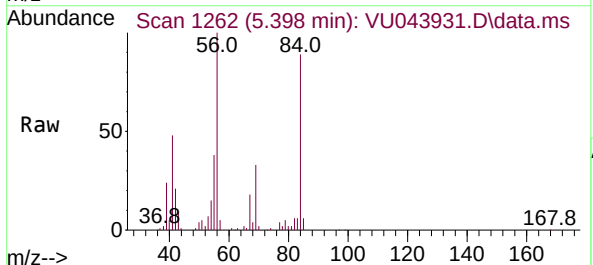
Instrument :
MSVOA_U
ClientSampleId :
GB432MSD

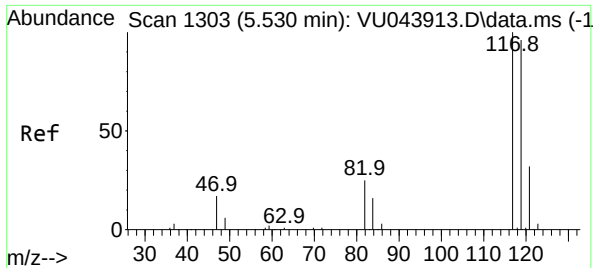
Tgt Ion: 97 Resp: 106092
Ion Ratio Lower Upper
97 100
99 67.2 51.9 77.9
61 43.1 34.7 52.1



#30
Cyclohexane
Concen: 5.15 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Tgt Ion: 56 Resp: 89287
Ion Ratio Lower Upper
56 100
69 32.1 25.4 38.0
84 88.6 72.0 108.0

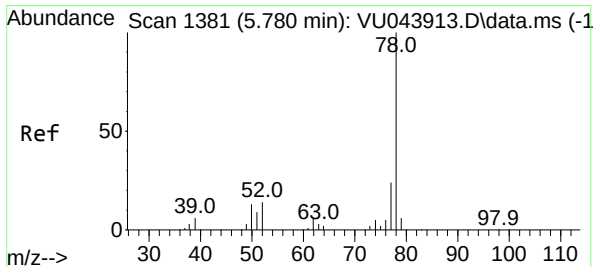
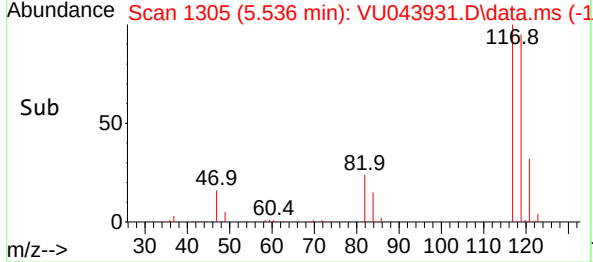
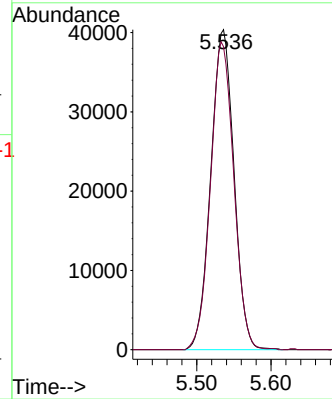
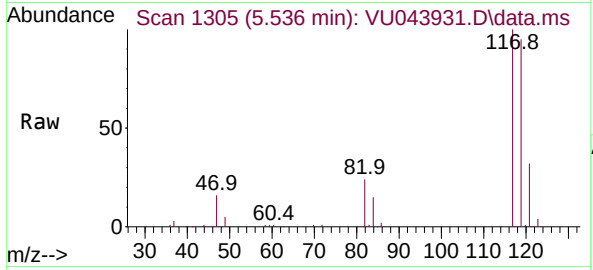




#31
Carbon tetrachloride
Concen: 5.40 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.006 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

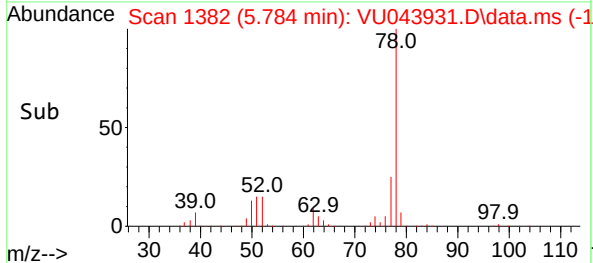
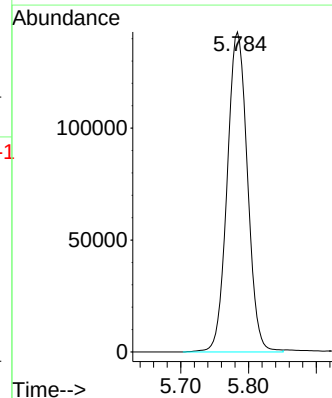
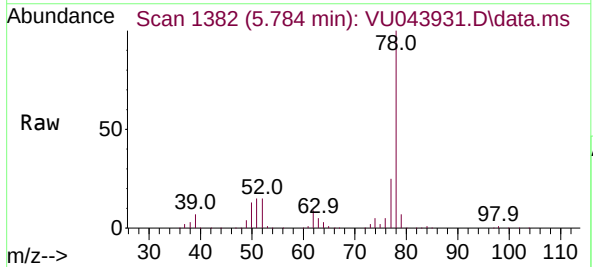
Instrument :
MSVOA_U
ClientSampleId :
GB432MSD

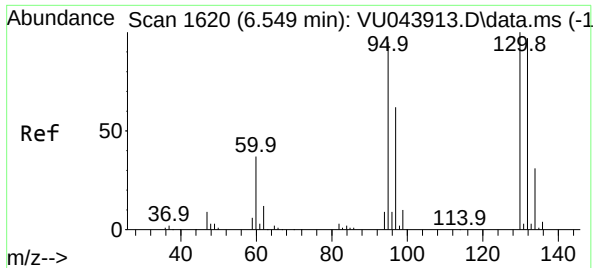
Tgt Ion:117 Resp: 87592
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.0



#33
Benzene
Concen: 6.01 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.003 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Tgt Ion: 78 Resp: 296863



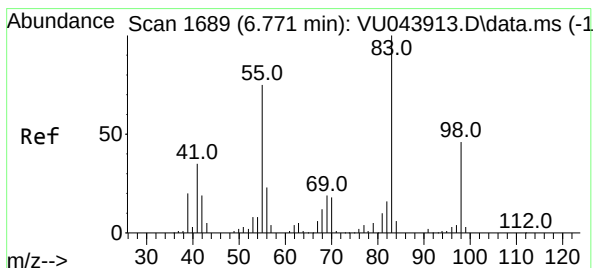
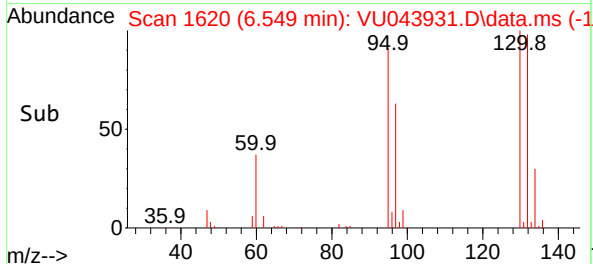
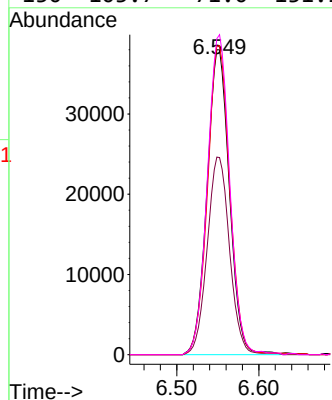
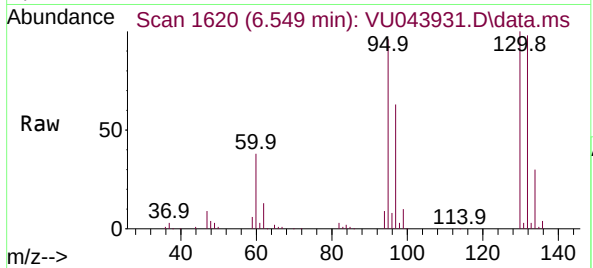


#34
Trichloroethene
Concen: 5.60 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Instrument :
MSVOA_U
ClientSampleId :
GB432MSD

Tgt Ion: 95 Resp: 72087

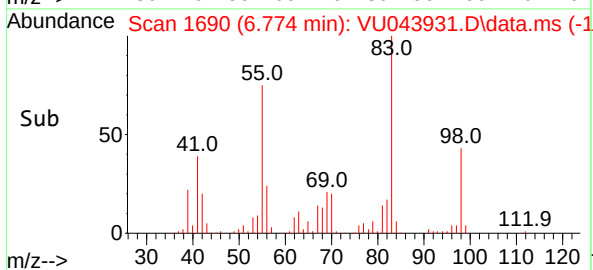
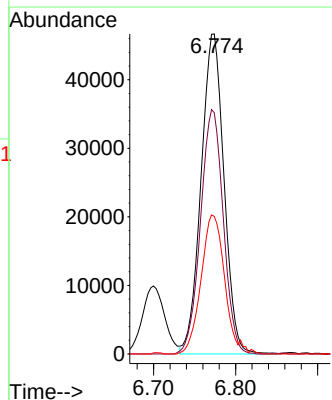
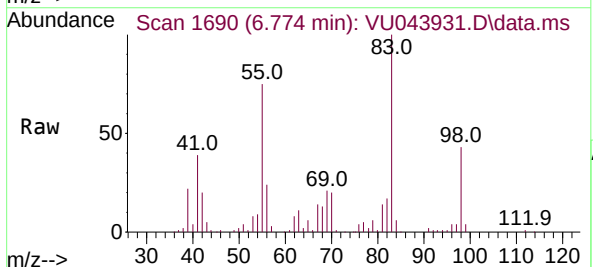
Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.5	84.5
132	101.2	70.9	131.7
130	103.7	71.0	131.9

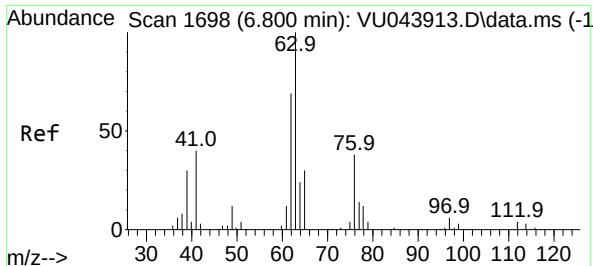


#35
Methylcyclohexane
Concen: 4.83 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. 0.003 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Tgt Ion: 83 Resp: 90633

Ion	Ratio	Lower	Upper
83	100		
55	75.8	61.2	91.8
98	44.9	37.0	55.4



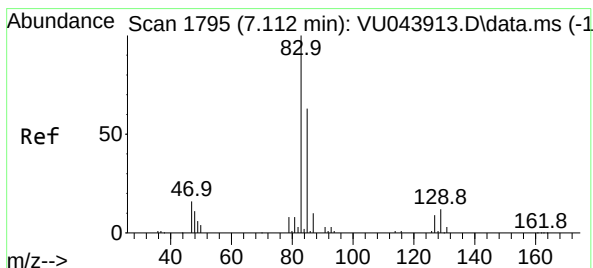
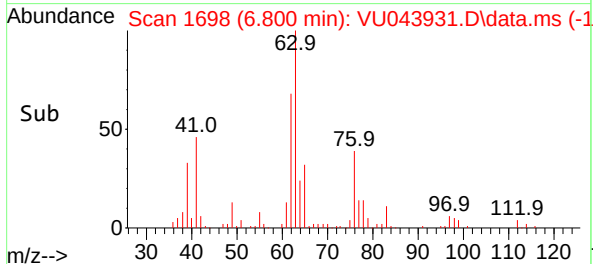
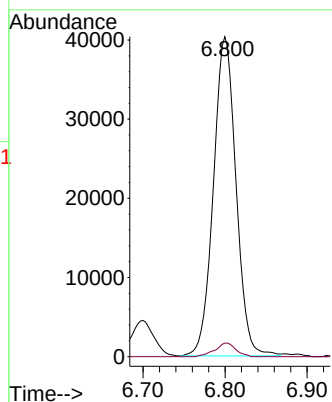
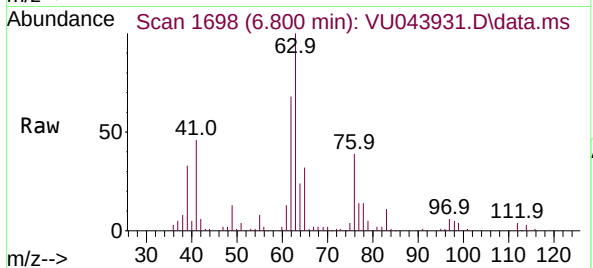


#37

1,2-Dichloropropane
Concen: 5.91 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Instrument :
MSVOA_U
ClientSampleId :
GB432MSD

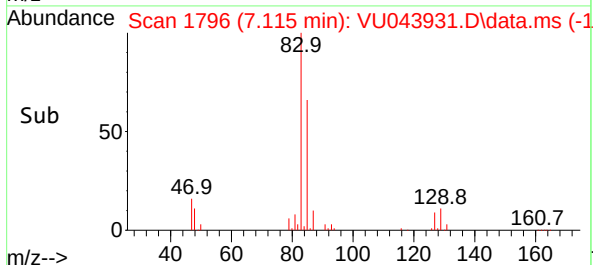
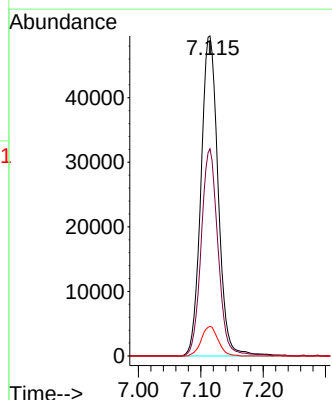
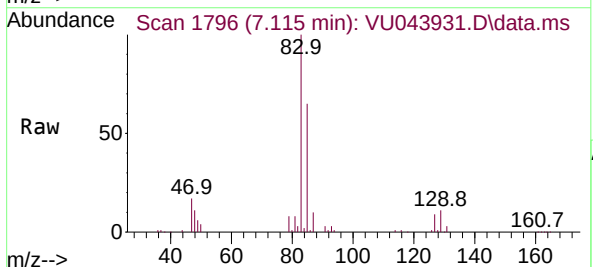
Tgt Ion: 63 Resp: 77411
Ion Ratio Lower Upper
63 100
112 4.0 3.7 5.5

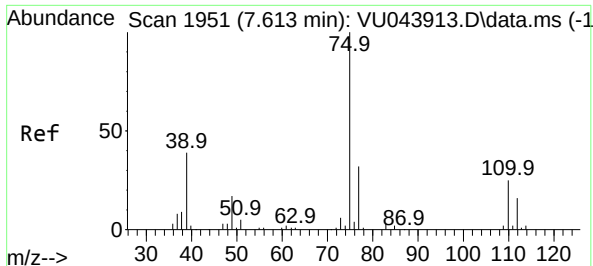


#38

Bromodichloromethane
Concen: 6.02 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Tgt Ion: 83 Resp: 94738
Ion Ratio Lower Upper
83 100
85 64.7 45.0 83.6
127 9.3 7.2 10.8



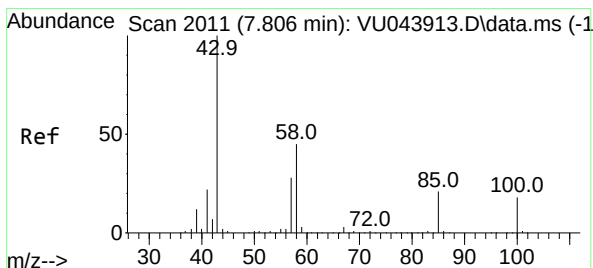
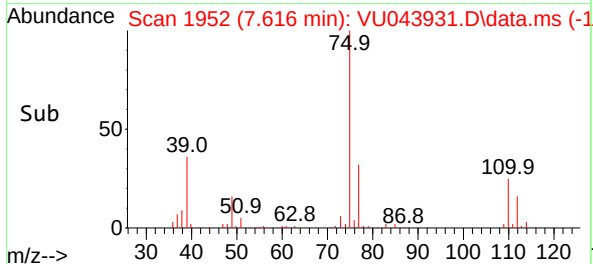
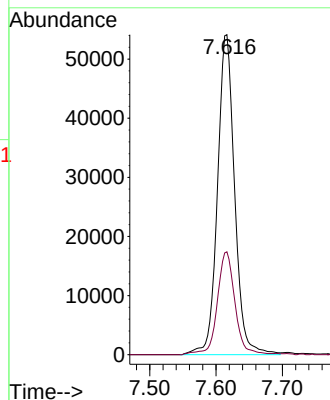
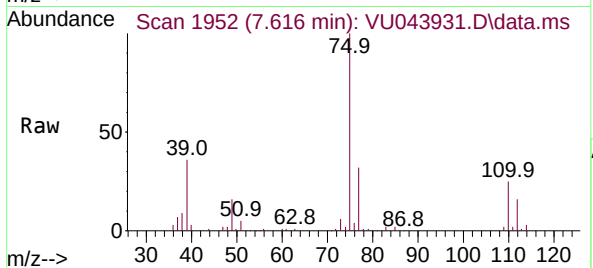


#39

cis-1,3-Dichloropropene
 Concen: 5.73 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.003 min
 Lab File: VU043931.D
 Acq: 25 May 2021 00:24

Instrument :
 MSVOA_U
 ClientSampled :
 GB432MSD

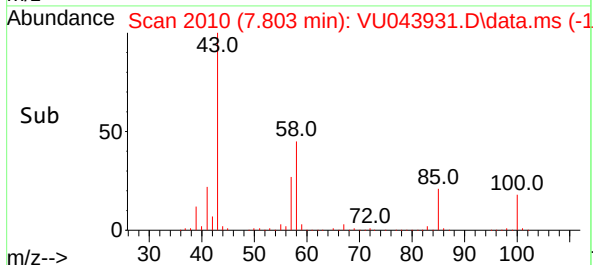
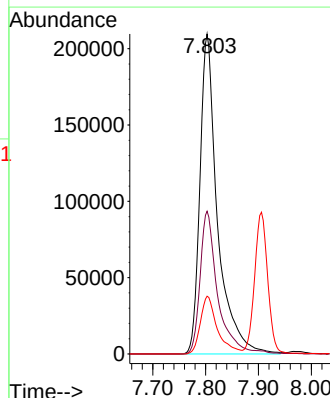
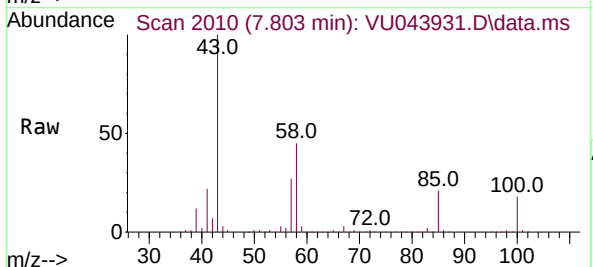
Tgt Ion: 75 Resp: 97514
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.3 41.3

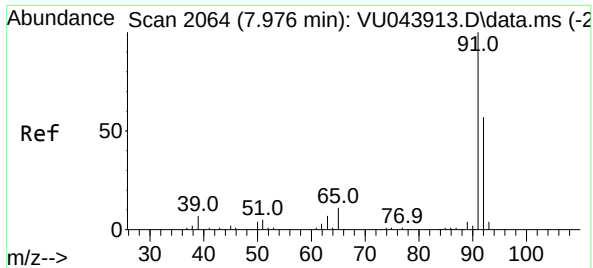


#40

4-Methyl-2-pentanone
 Concen: 65.51 ug/L
 RT: 7.803 min Scan# 2010
 Delta R.T. -0.003 min
 Lab File: VU043931.D
 Acq: 25 May 2021 00:24

Tgt Ion: 43 Resp: 483352
 Ion Ratio Lower Upper
 43 100
 58 44.9 35.2 52.8
 100 17.4 14.2 21.2

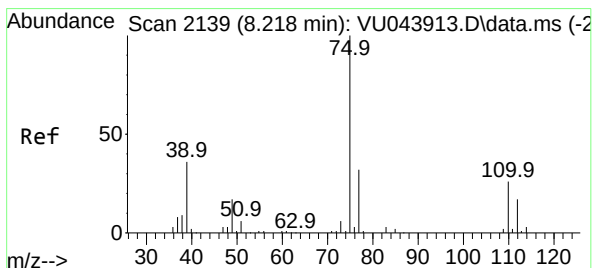
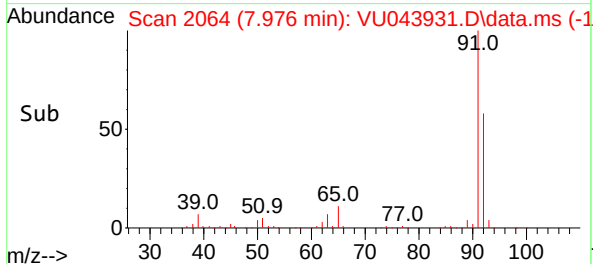
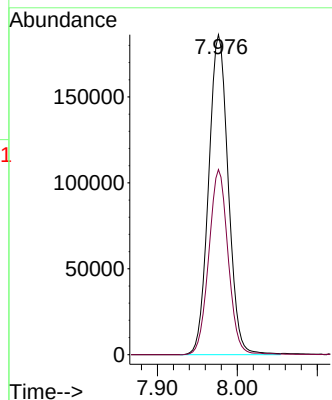
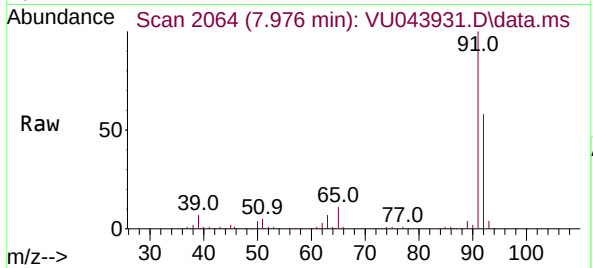




#42
Toluene
Concen: 6.09 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

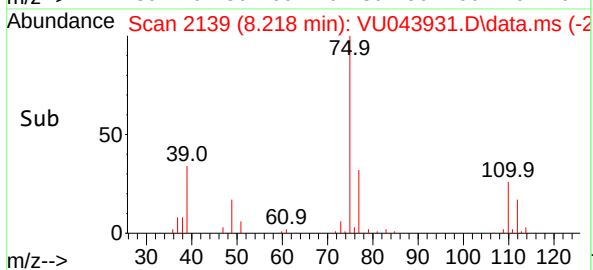
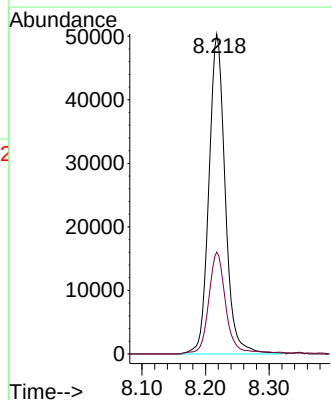
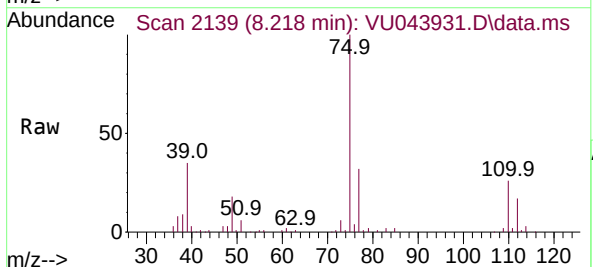
Instrument :
MSVOA_U
ClientSampleId :
GB432MSD

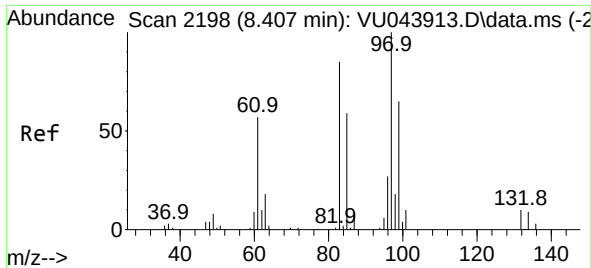
Tgt Ion: 91 Resp: 317660
Ion Ratio Lower Upper
91 100
92 57.8 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 6.11 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Tgt Ion: 75 Resp: 89395
Ion Ratio Lower Upper
75 100
77 31.9 23.0 42.6

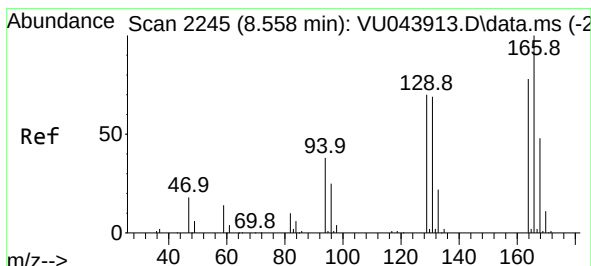
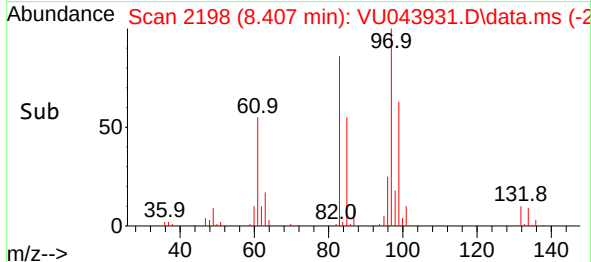
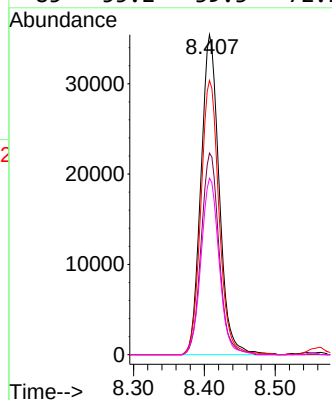
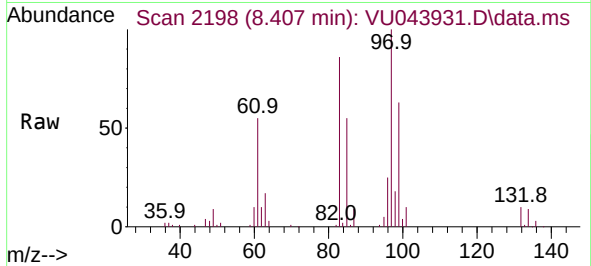




#45
1,1,2-Trichloroethane
Concen: 6.33 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

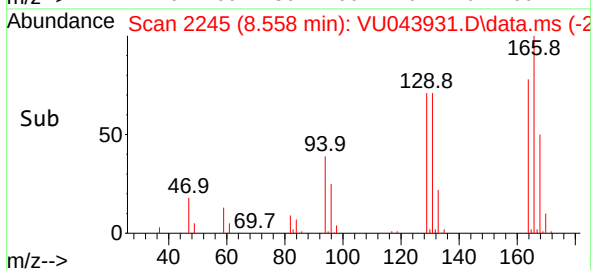
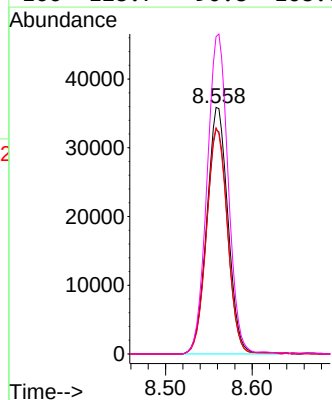
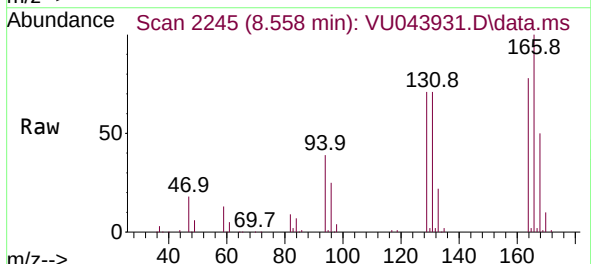
Instrument :
MSVOA_U
ClientSampled :
GB432MSD

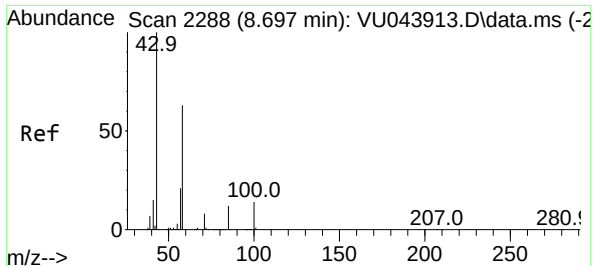
Tgt Ion:	97	Resp:	63408
Ion	Ratio	Lower	Upper
97	100		
99	63.0	45.6	84.6
83	85.7	59.6	110.8
85	55.2	39.3	72.9



#47
Tetrachloroethene
Concen: 5.51 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Tgt Ion:	164	Resp:	61063
Ion	Ratio	Lower	Upper
164	100		
129	91.1	64.1	119.1
131	91.8	64.5	119.9
166	128.7	90.8	168.6

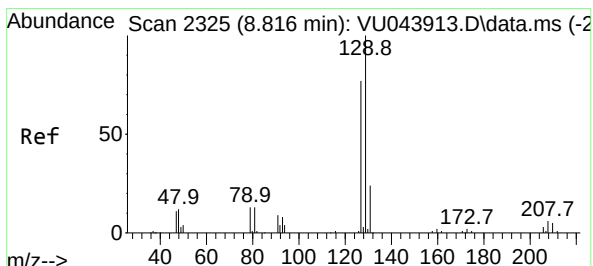
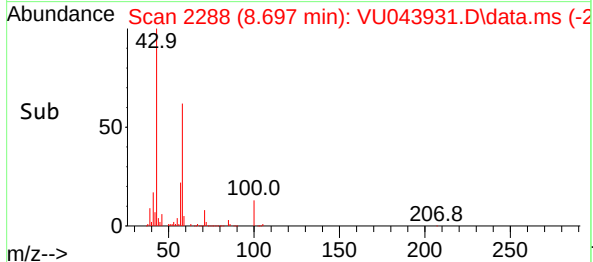
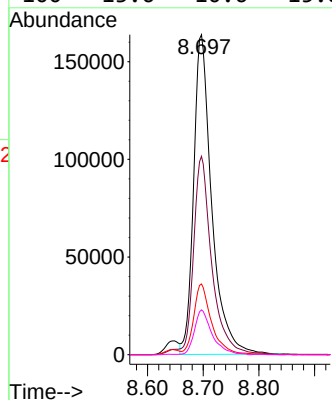
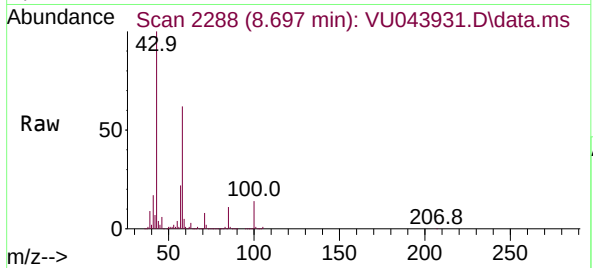




#48
2-Hexanone
Concen: 67.41 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

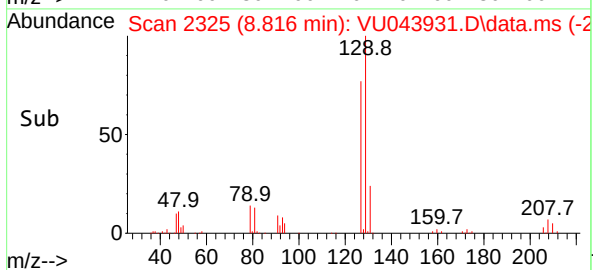
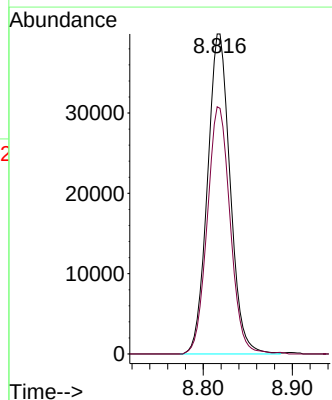
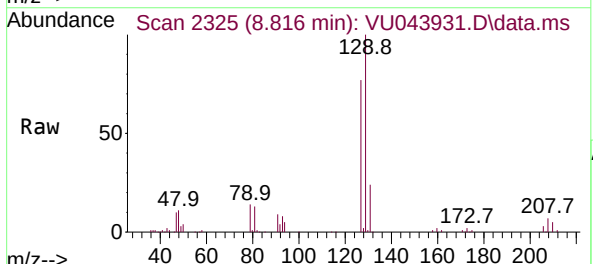
Instrument :
MSVOA_U
ClientSampleId :
GB432MSD

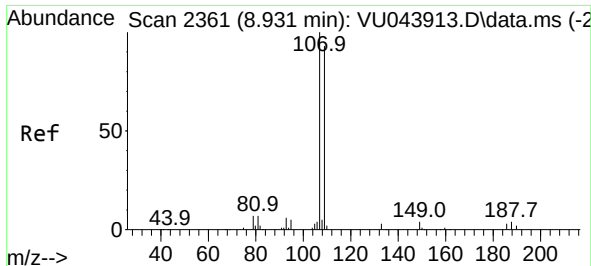
Tgt Ion: 43 Resp: 371389
Ion Ratio Lower Upper
43 100
58 63.0 49.4 74.0
57 21.9 16.8 25.2
100 13.6 10.6 15.8



#49
Dibromochloromethane
Concen: 6.06 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Tgt Ion: 129 Resp: 70399
Ion Ratio Lower Upper
129 100
127 77.3 54.1 100.5





#50

1,2-Dibromoethane

Concen: 6.37 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VU043931.D

Acq: 25 May 2021 00:24

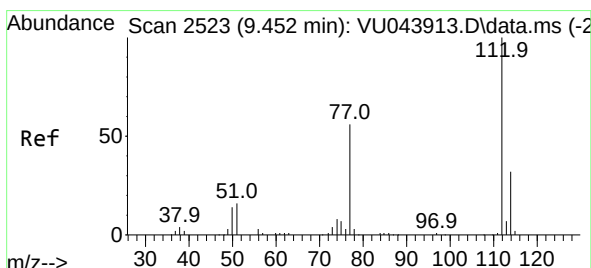
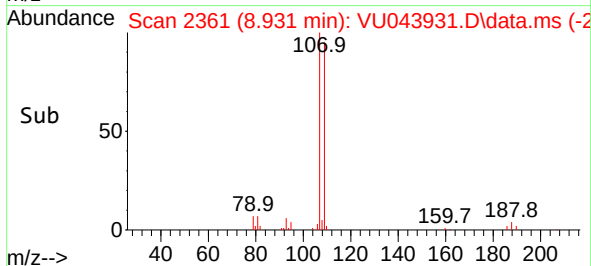
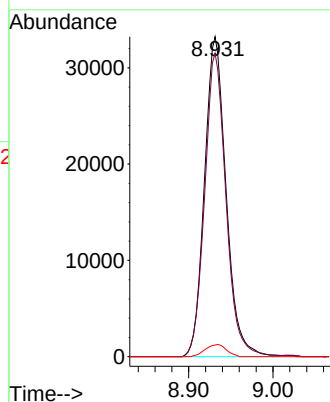
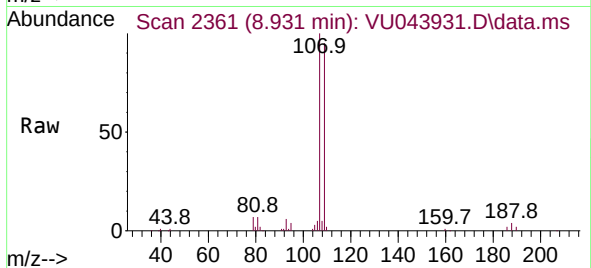
Instrument :

MSVOA_U

ClientSampleId :

GB432MSD

Tgt Ion:	107	Resp:	59236
Ion	Ratio	Lower	Upper
107	100		
109	94.8	65.5	121.6
188	3.7	3.2	4.8



#51

Chlorobenzene

Concen: 5.75 ug/L

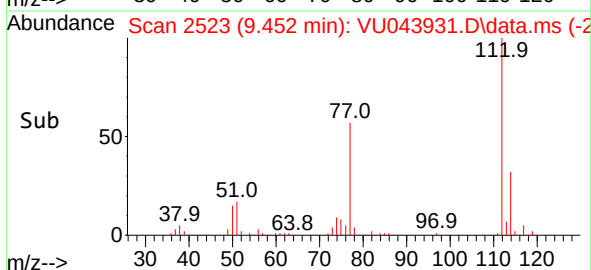
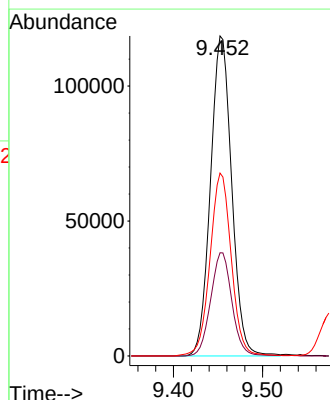
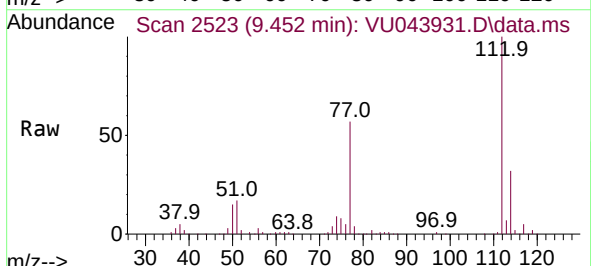
RT: 9.452 min Scan# 2523

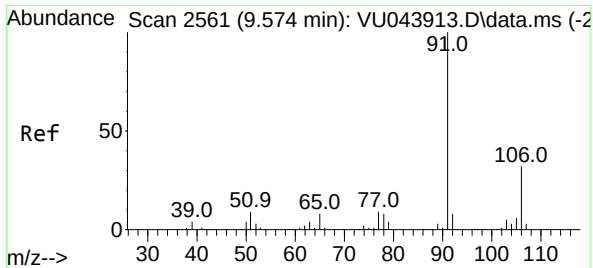
Delta R.T. -0.000 min

Lab File: VU043931.D

Acq: 25 May 2021 00:24

Tgt Ion:	112	Resp:	195678
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.7	42.1
77	57.1	45.9	68.9





#52

Ethylbenzene

Concen: 5.70 ug/L

RT: 9.578 min Scan# 2562

Delta R.T. 0.003 min

Lab File: VU043931.D

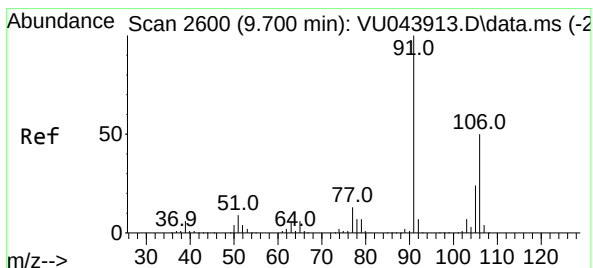
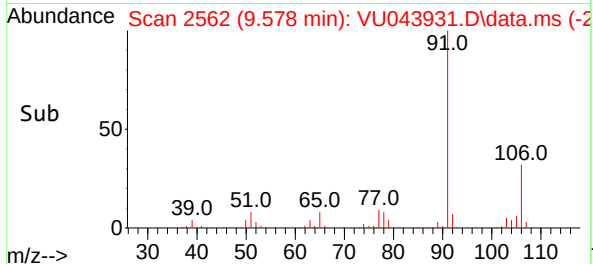
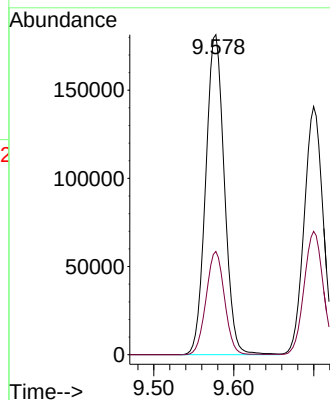
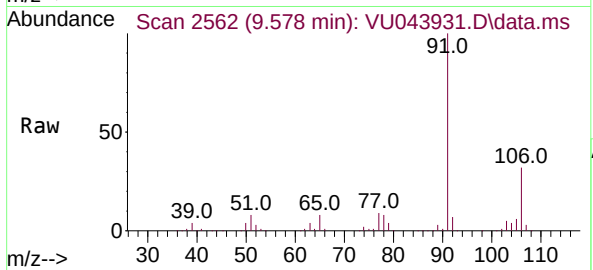
Acq: 25 May 2021 00:24

Tgt Ion: 91 Resp: 295047

Ion Ratio Lower Upper

91 100

106 32.2 22.5 41.7



#53

m,p-Xylene

Concen: 5.75 ug/L

RT: 9.700 min Scan# 2600

Delta R.T. -0.000 min

Lab File: VU043931.D

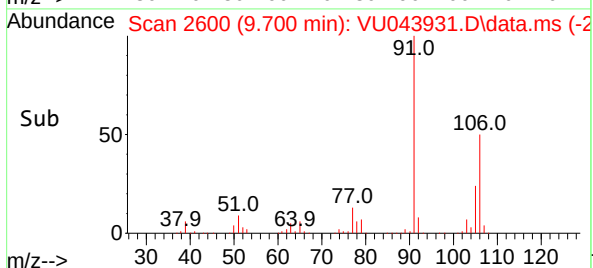
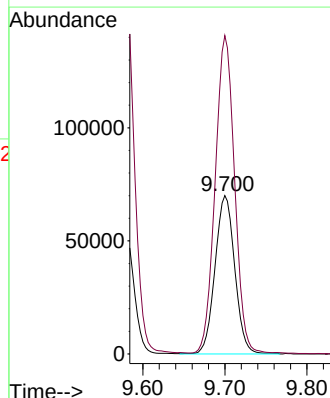
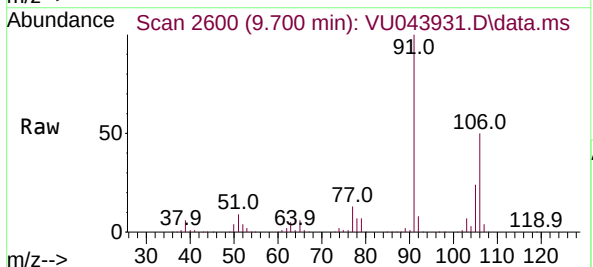
Acq: 25 May 2021 00:24

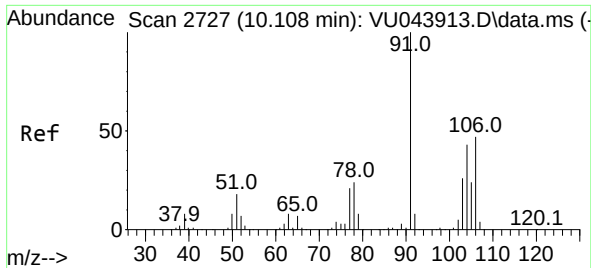
Tgt Ion: 106 Resp: 117372

Ion Ratio Lower Upper

106 100

91 201.1 137.3 255.1

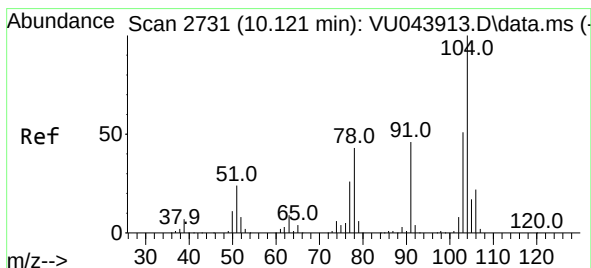
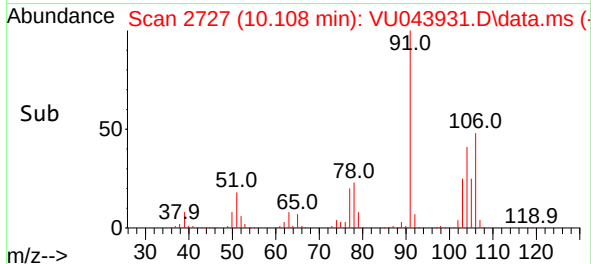
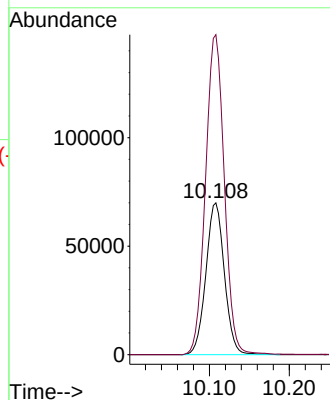
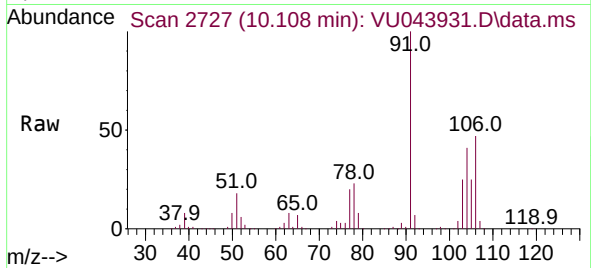




#54
o-Xylene
Concen: 5.83 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

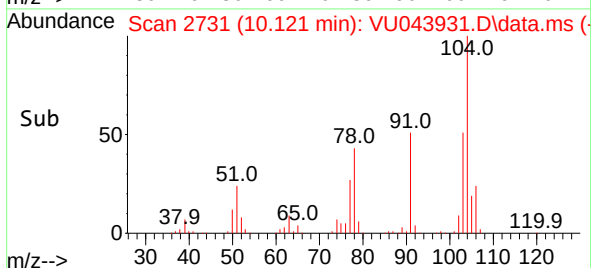
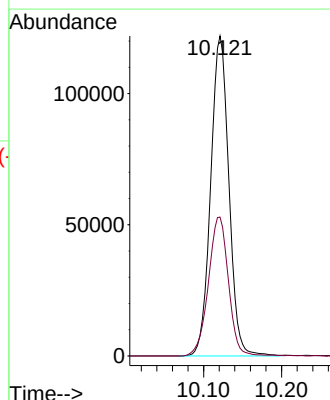
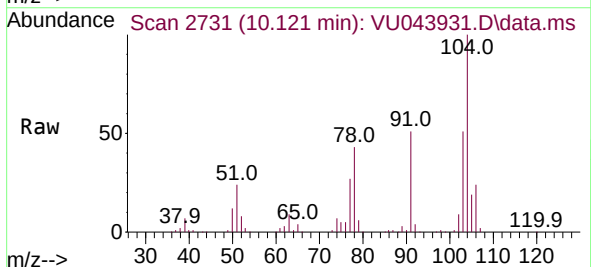
Instrument :
MSVOA_U
ClientSampleId :
GB432MSD

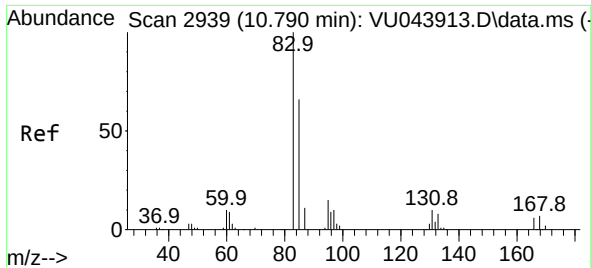
Tgt Ion:106 Resp: 112869
Ion Ratio Lower Upper
106 100
91 210.7 146.9 272.9



#55
Styrene
Concen: 5.94 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Tgt Ion:104 Resp: 198015
Ion Ratio Lower Upper
104 100
78 43.4 30.5 56.7

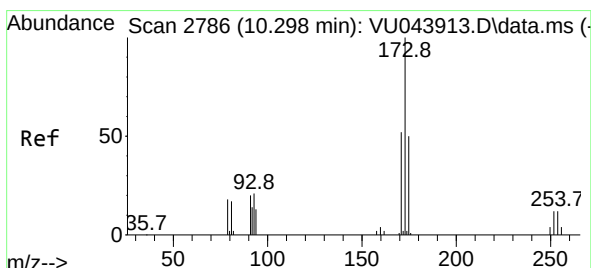
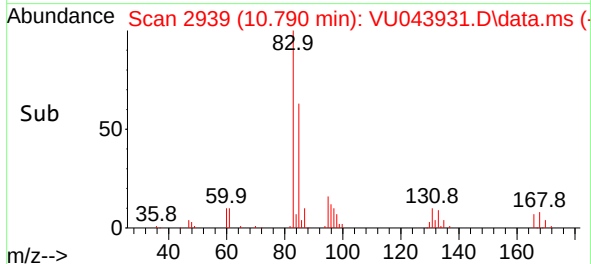
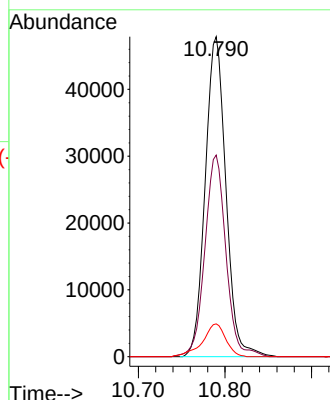
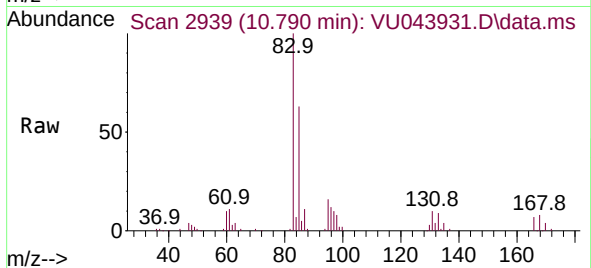




#57
1,1,2,2-Tetrachloroethane
Concen: 6.35 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

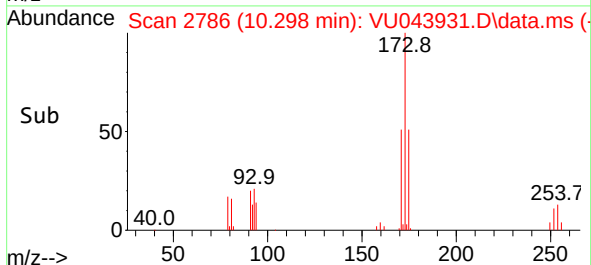
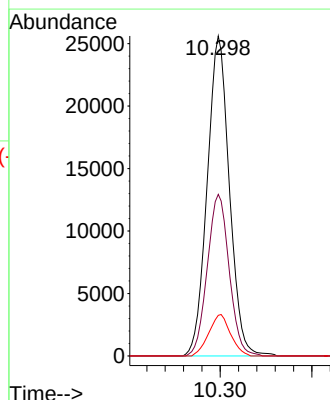
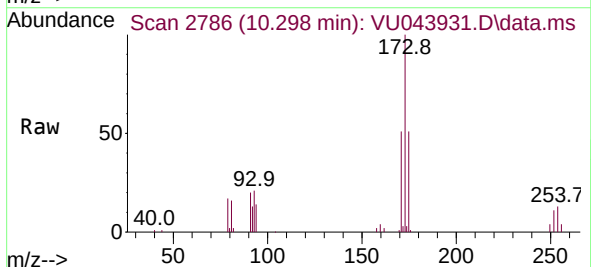
Instrument :
MSVOA_U
ClientSampleId :
GB432MSD

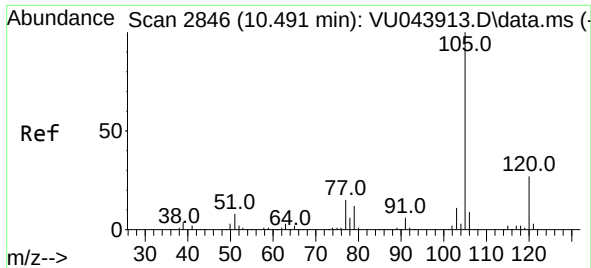
Tgt Ion:	83	Resp:	79396
Ion	Ratio	Lower	Upper
83	100		
85	63.0	45.5	84.5
131	10.3	8.1	12.1



#59
Bromoform
Concen: 6.17 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Tgt Ion:	173	Resp:	43016
Ion	Ratio	Lower	Upper
173	100		
175	49.7	38.8	58.2
254	12.7	9.3	13.9

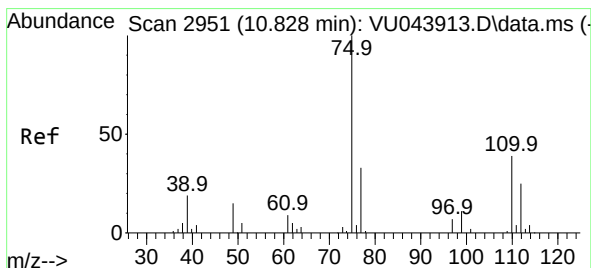
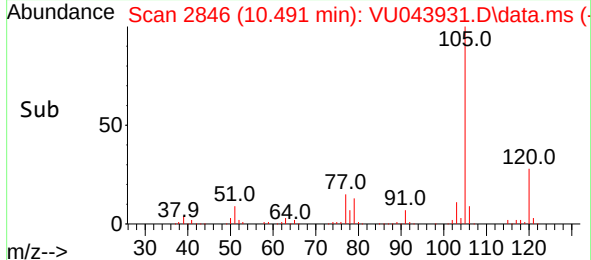
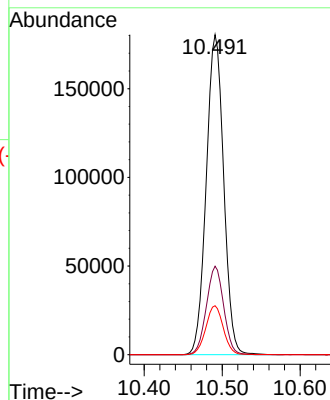
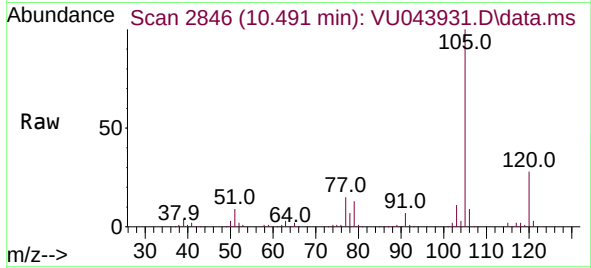




#60
Isopropylbenzene
Concen: 5.82 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

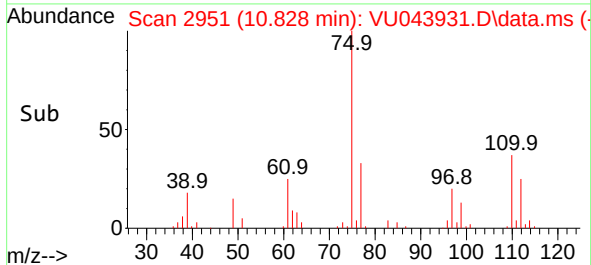
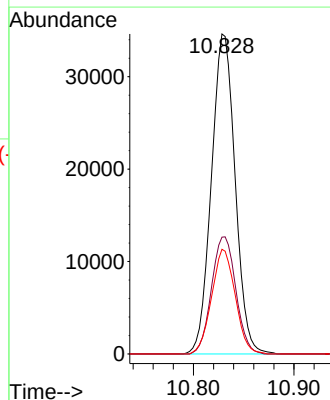
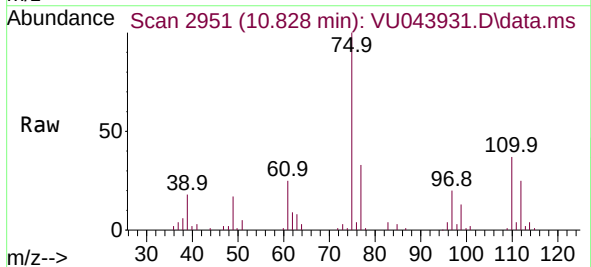
Instrument :
MSVOA_U
ClientSampled :
GB432MSD

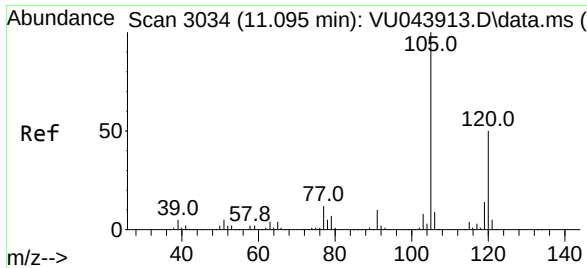
Tgt Ion:105 Resp: 280147
Ion Ratio Lower Upper
105 100
120 27.4 21.6 32.4
77 15.4 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 6.37 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Tgt Ion: 75 Resp: 56741
Ion Ratio Lower Upper
75 100
110 37.4 29.3 43.9
77 32.6 26.3 39.5

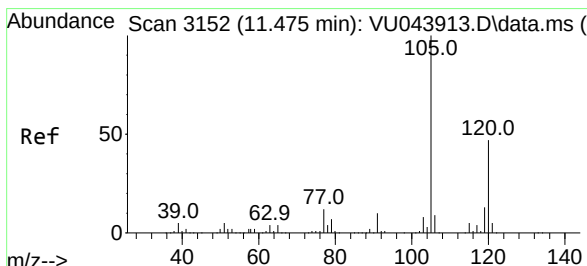
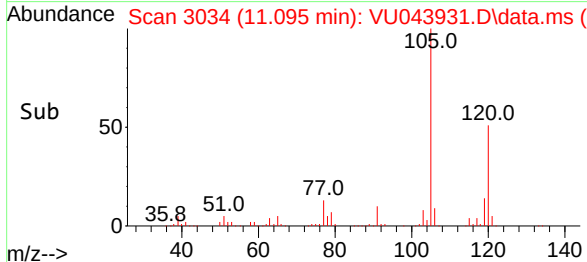
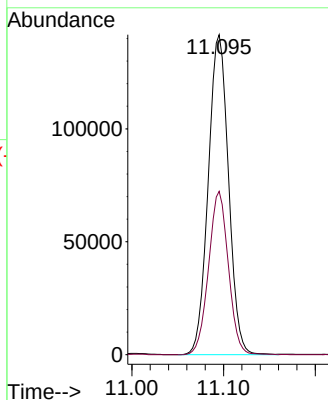
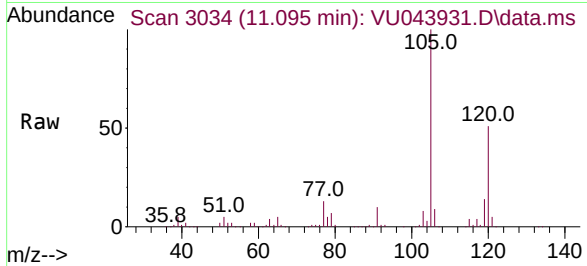




#62
1,3,5-Trimethylbenzene
Concen: 5.70 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

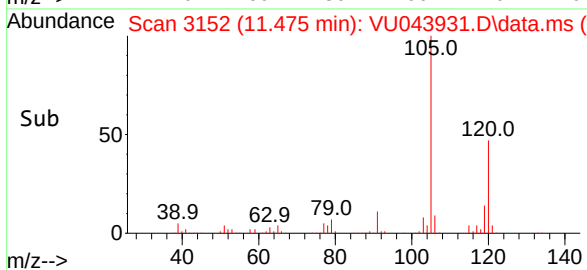
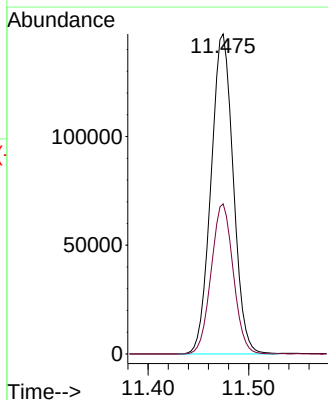
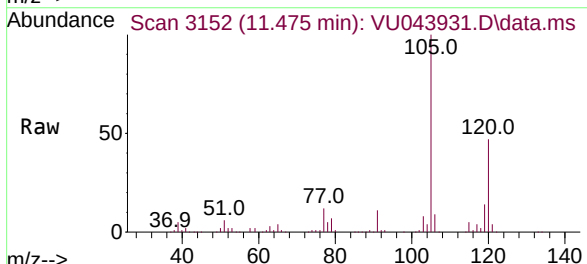
Instrument :
MSVOA_U
ClientSampleId :
GB432MSD

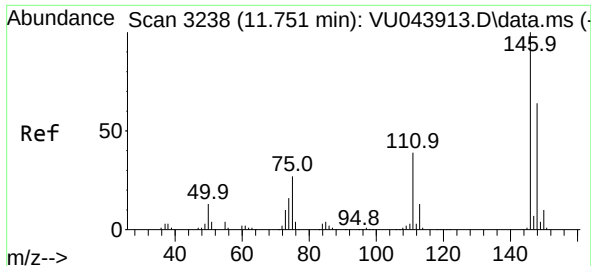
Tgt Ion:105 Resp: 217460
Ion Ratio Lower Upper
105 100
120 49.8 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 5.80 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Tgt Ion:105 Resp: 226328
Ion Ratio Lower Upper
105 100
120 46.5 36.3 54.5

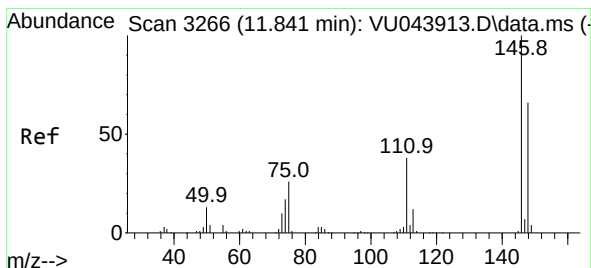
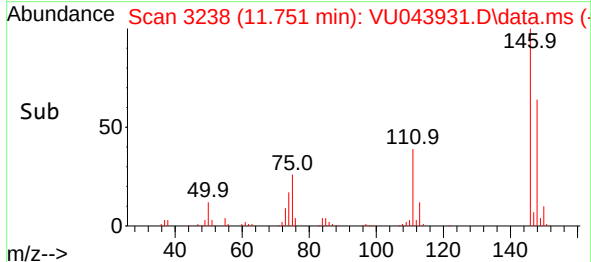
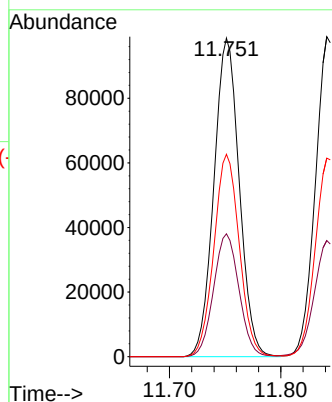
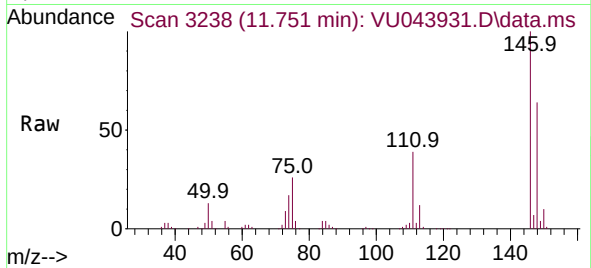




#64
1,3-Dichlorobenzene
Concen: 5.82 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

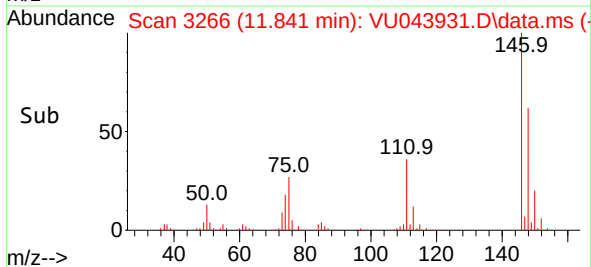
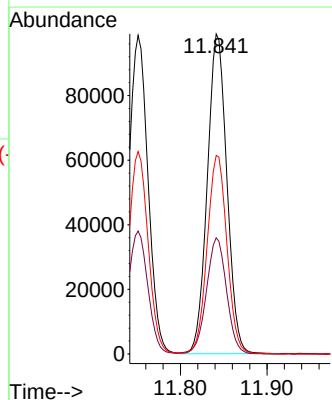
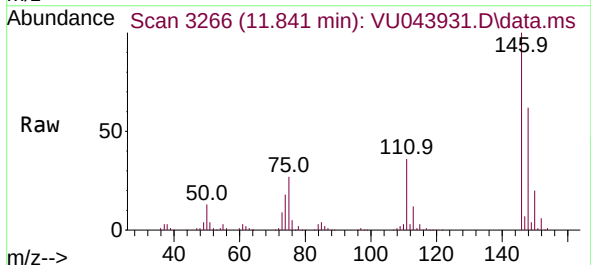
Instrument :
MSVOA_U
ClientSampleId :
GB432MSD

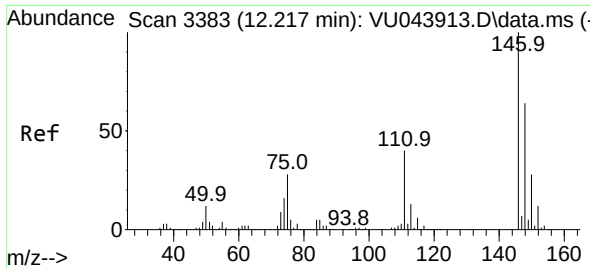
Tgt Ion:146 Resp: 155802
Ion Ratio Lower Upper
146 100
111 38.6 27.4 51.0
148 63.5 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.81 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Tgt Ion:146 Resp: 155373
Ion Ratio Lower Upper
146 100
111 36.3 26.2 48.8
148 62.1 44.2 82.0

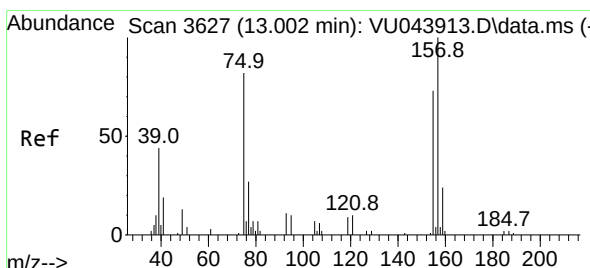
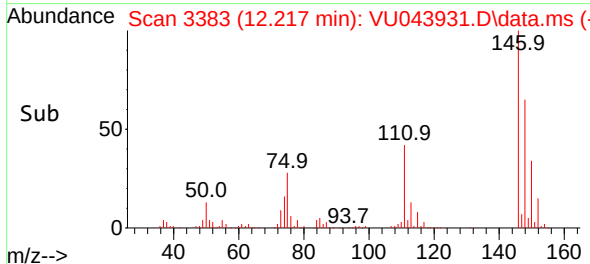
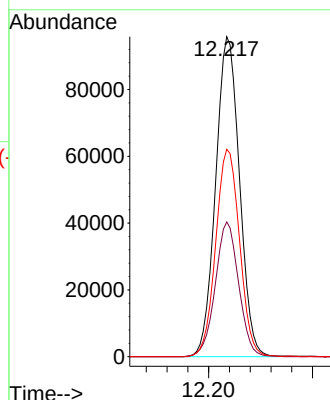
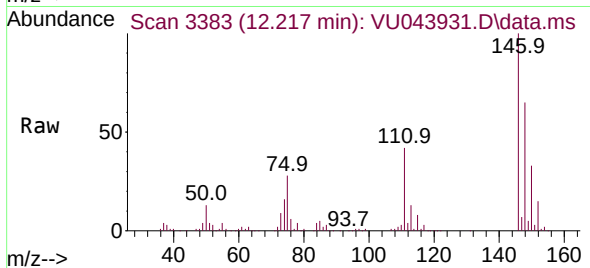




#67
1,2-Dichlorobenzene
Concen: 5.92 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

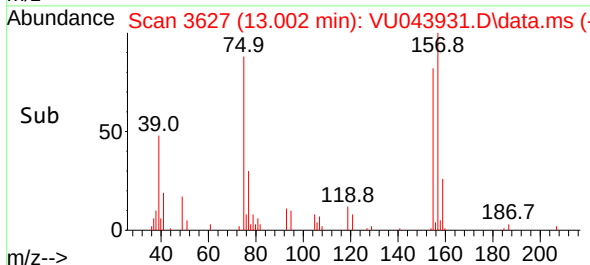
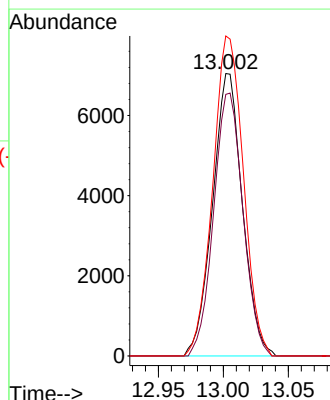
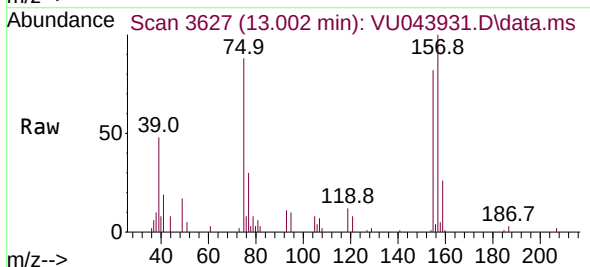
Instrument :
MSVOA_U
ClientSampleId :
GB432MSD

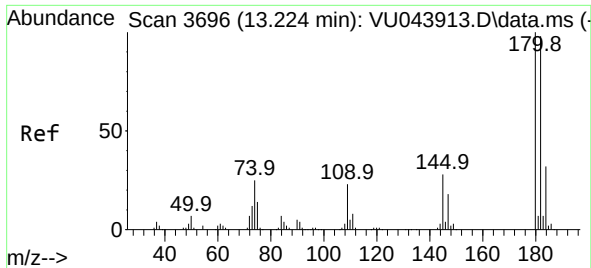
Tgt Ion:146 Resp: 152619
Ion Ratio Lower Upper
146 100
111 42.1 32.4 48.6
148 64.8 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 6.62 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Tgt Ion: 75 Resp: 11260
Ion Ratio Lower Upper
75 100
155 92.6 74.9 112.3
157 113.3 92.2 138.4

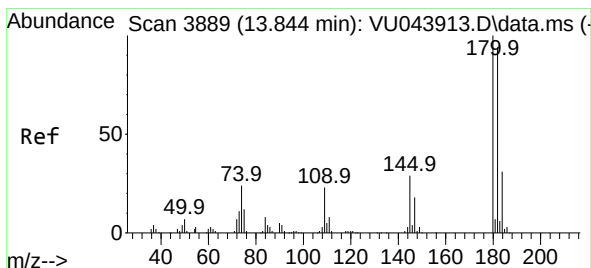
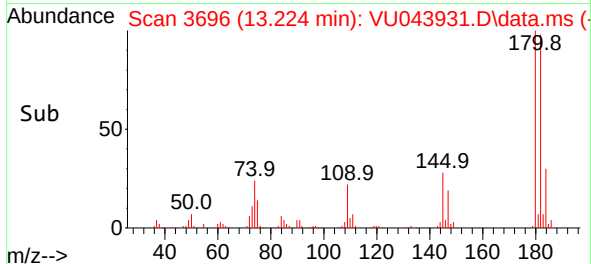
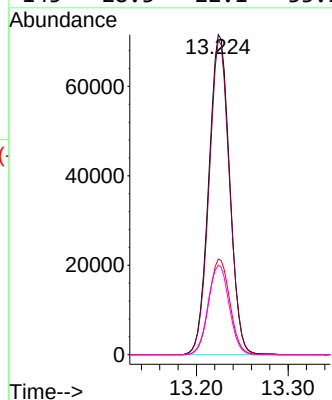
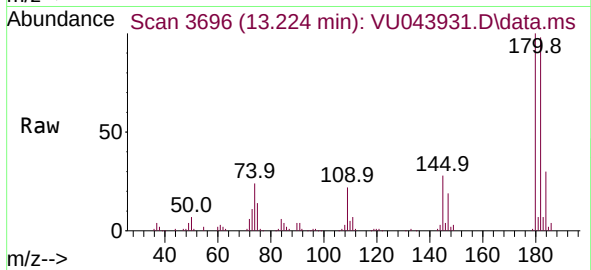




#69
1,3,5-Trichlorobenzene
Concen: 5.33 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

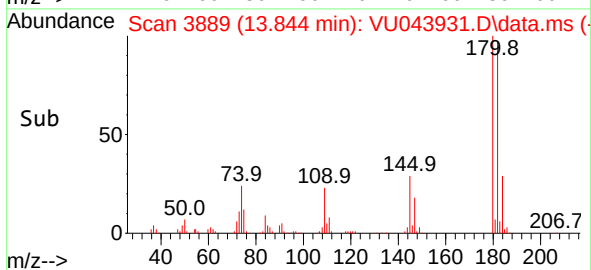
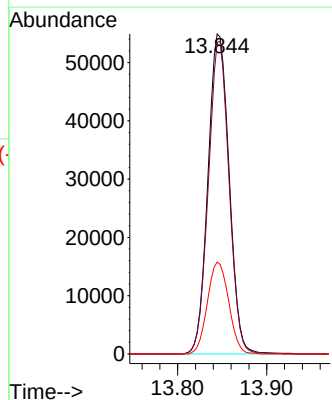
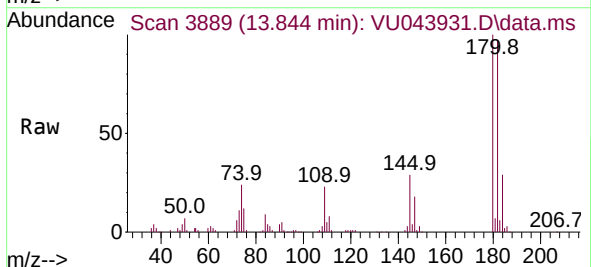
Instrument :
MSVOA_U
ClientSampleId :
GB432MSD

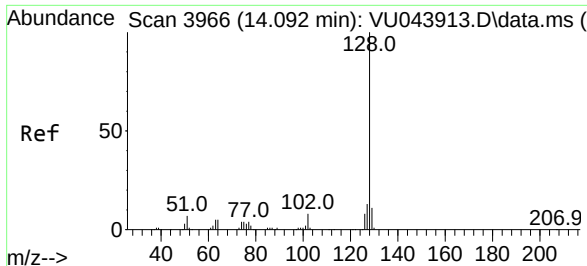
Tgt Ion:	180	Resp:	112423
Ion Ratio	Lower	Upper	
180	100		
182	96.8	76.6	115.0
184	30.1	24.4	36.6
145	28.3	22.1	33.1



#70
1,2,4-trichlorobenzene
Concen: 5.47 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Tgt Ion:	180	Resp:	90628
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.4	114.6
145	28.8	23.2	34.8

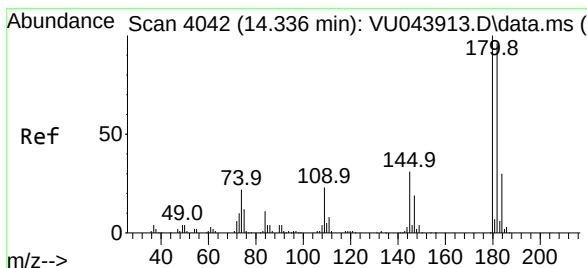
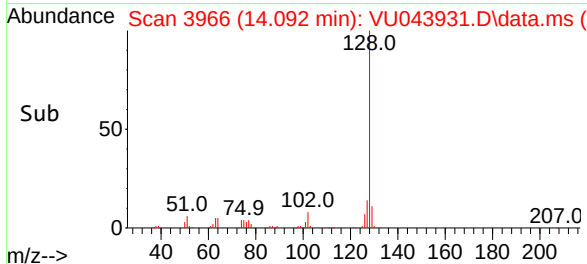
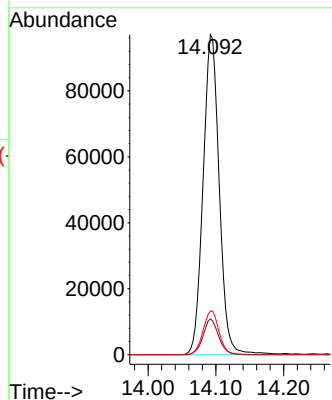
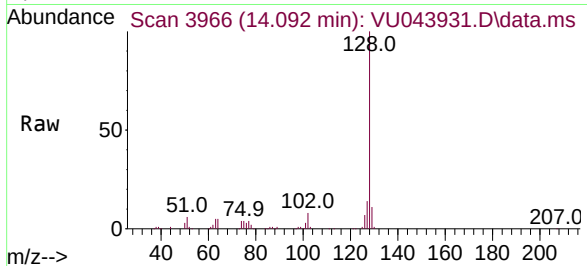




#71
Naphthalene
Concen: 6.05 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Instrument :
MSVOA_U
ClientSampleId :
GB432MSD

Tgt Ion:128 Resp: 160462
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.4 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 5.91 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU043931.D
Acq: 25 May 2021 00:24

Tgt Ion:180 Resp: 93489
Ion Ratio Lower Upper
180 100
182 94.8 75.0 112.4
145 31.1 24.1 36.1

