

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043911.D
 Acq On : 24 May 2021 15:22
 Operator : SY/MD
 Sample : VSTD02035
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020135

Quant Time: May 25 03:41:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 03:40:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	247023	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	240676	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	140620	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	292029	17.00	ug/L	0.00
7) Chloroethane-d5	1.919	69	189671	15.67	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	135266	18.17	ug/L	0.00
20) 2-Butanone-d5	4.642	46	905793	247.28	ug/L	-0.02
24) Chloroform-d	5.073	84	624834	20.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	305695	19.82	ug/L	0.00
32) Benzene-d6	5.735	84	1291769	21.14	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	398509	20.50	ug/L	0.00
41) Toluene-d8	7.906	98	1238203	21.83	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.186	79	160808	22.19	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	810386	249.88	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	362765	22.20	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	519566	21.85	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	339272	19.16	ug/L	99
3) Chloromethane	1.523	50	343887	16.82	ug/L	100
5) Vinyl chloride	1.607	62	360630	18.25	ug/L	100
6) Bromomethane	1.864	94	201667	16.99	ug/L	98
8) Chloroethane	1.938	64	174430	15.69	ug/L	97
9) Trichlorofluoromethane	2.144	101	436469	18.38	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	340969	20.45	ug/L	99
12) 1,1-Dichloroethene	2.584	96	335593	20.45	ug/L	91
13) Acetone	2.652	43	422765	185.98	ug/L	74
14) Carbon disulfide	2.800	76	1011635	18.80	ug/L	99
15) Methyl Acetate	2.961	43	105597	15.71	ug/L #	72
16) Methylene chloride	3.054	84	366141	15.34	ug/L	100
17) Methyl tert-butyl Ether	3.372	73	780385	21.42	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	347166	20.33	ug/L	99
19) 1,1-Dichloroethane	3.877	63	600331	19.62	ug/L	98
21) 2-Butanone	4.723	43	942726	217.81	ug/L	95
22) cis-1,2-Dichloroethene	4.674	96	382901	21.42	ug/L	98
23) Bromochloromethane	4.983	128	183565	21.45	ug/L	97
25) Chloroform	5.096	83	626035	20.34	ug/L	99
27) 1,2-Dichloroethane	5.803	62	372346	19.79	ug/L	100
29) 1,1,1-Trichloroethane	5.327	97	524923	21.12	ug/L	98
30) Cyclohexane	5.398	56	556540	20.94	ug/L	99
31) Carbon tetrachloride	5.533	117	448520	21.43	ug/L	100
33) Benzene	5.784	78	1422080	20.80	ug/L	100
34) Trichloroethene	6.549	95	361318	20.55	ug/L	98
35) Methylcyclohexane	6.771	83	615527	22.85	ug/L	97
37) 1,2-Dichloropropane	6.800	63	365077	20.39	ug/L	98
38) Bromodichloromethane	7.115	83	436463	20.76	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	529001	22.39	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	2242546	199.98	ug/L	98
42) Toluene	7.977	91	1566851	21.73	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	449210	21.93	ug/L	98

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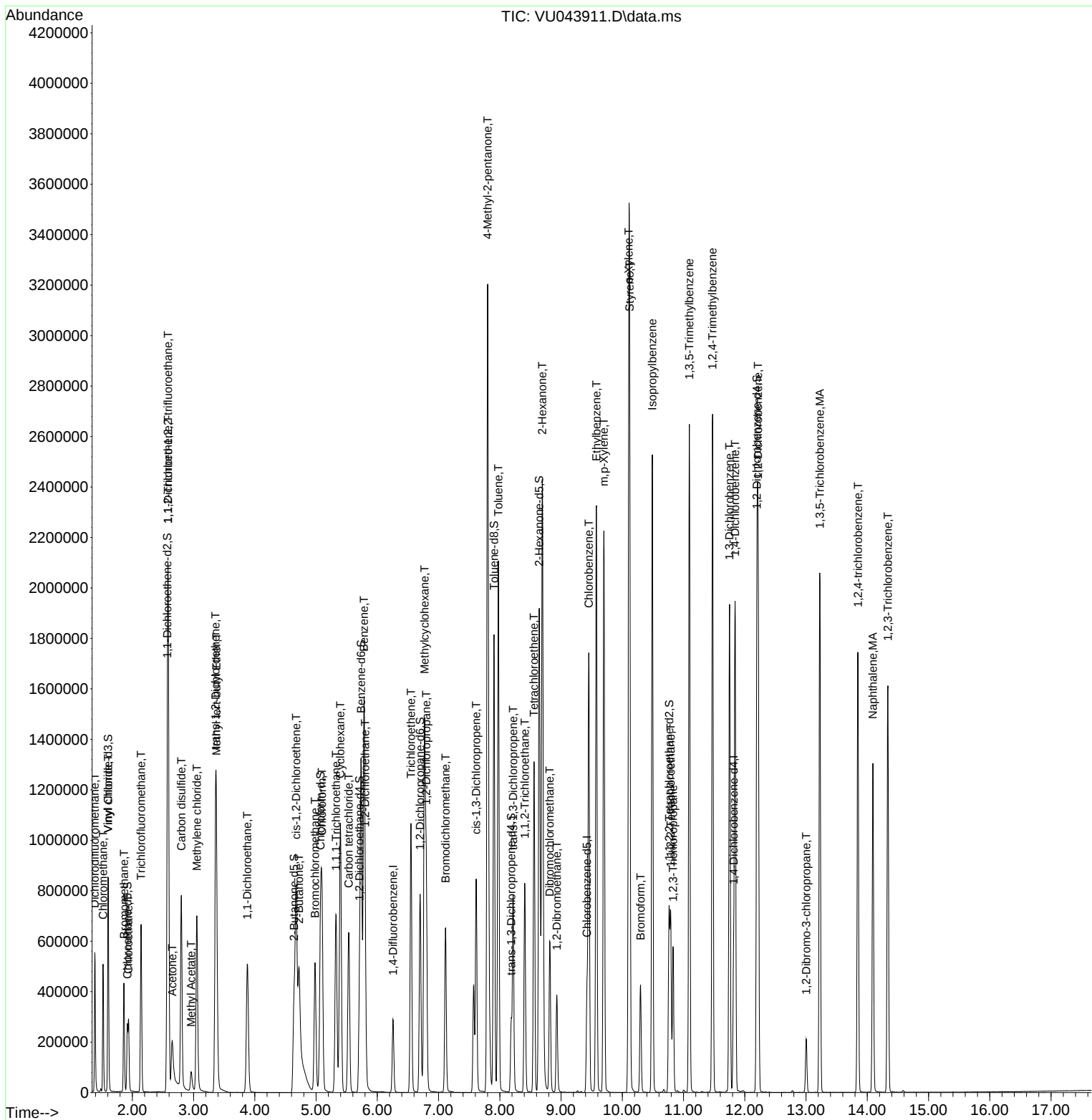
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020135

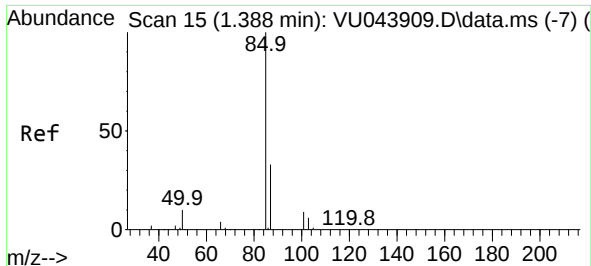
Quant Time: May 25 03:41:59 2021
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.407	97	276038	21.20	ug/L	98
47) Tetrachloroethene	8.558	164	316305	21.98	ug/L	97
48) 2-Hexanone	8.694	43	1645318	196.92	ug/L	98
49) Dibromochloromethane	8.816	129	331474	22.61	ug/L	98
50) 1,2-Dibromoethane	8.931	107	260492	21.20	ug/L	98
51) Chlorobenzene	9.452	112	977456	21.58	ug/L	99
52) Ethylbenzene	9.578	91	1664569	22.77	ug/L	100
53) m,p-Xylene	9.700	106	659920	23.45	ug/L	98
54) o-Xylene	10.105	106	633423	23.69	ug/L	100
55) Styrene	10.121	104	1097394	24.14	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	353008	21.31	ug/L	99
59) Bromoform	10.298	173	201319	21.27	ug/L	100
60) Isopropylbenzene	10.491	105	1660007	22.04	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	247565	18.70	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	1437376	23.92	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	1477902	23.93	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	834297	21.13	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	833682	20.95	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	805246	21.25	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	53403	19.85	ug/L	99
69) 1,3,5-Trichlorobenzene	13.224	180	685975	21.79	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	580723	22.66	ug/L	100
71) Naphthalene	14.092	128	1057669	23.80	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	547568	22.33	ug/L	98

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

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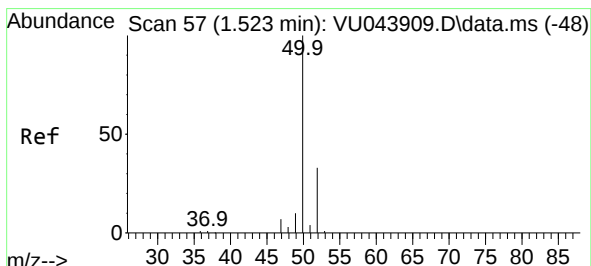
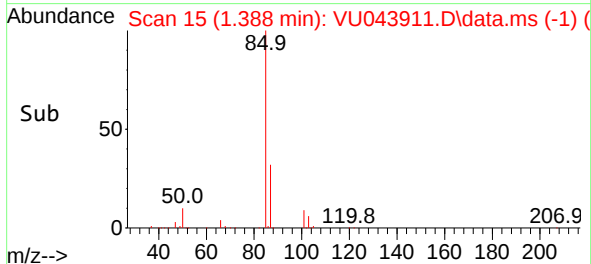
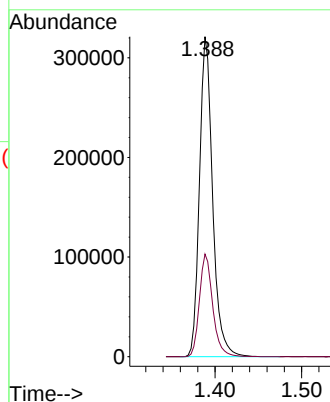
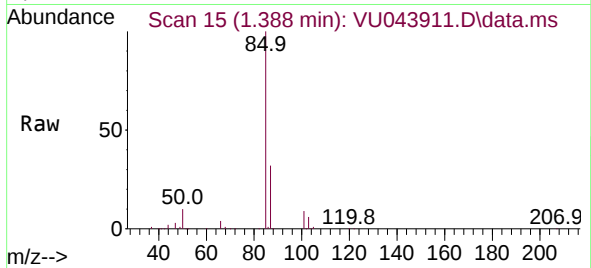




#2
Dichlorodifluoromethane
Concen: 19.16 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

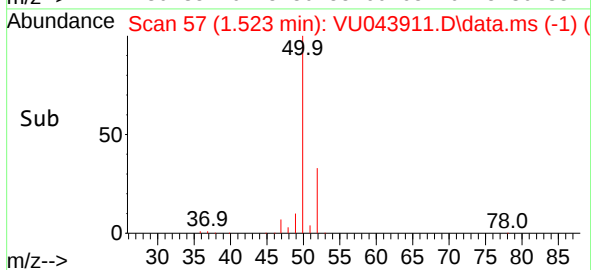
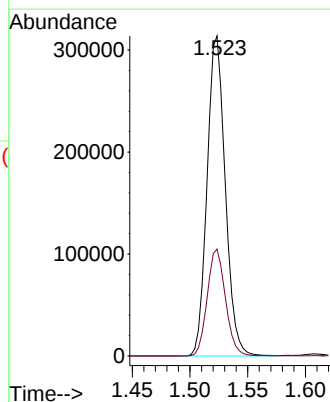
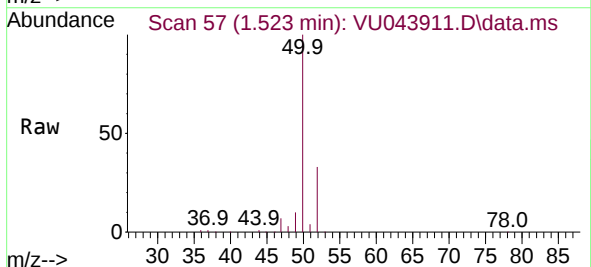
Instrument :
MSVOA_U
ClientSampleId :
VSTD020135

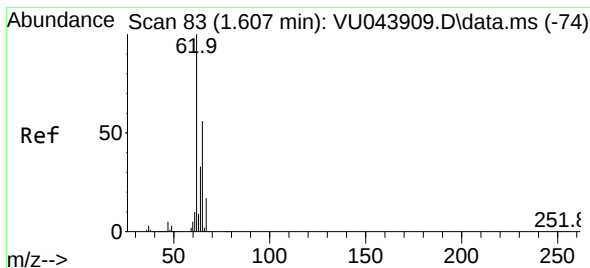
Tgt Ion: 85 Resp: 339272
Ion Ratio Lower Upper
85 100
87 32.4 26.2 39.4



#3
Chloromethane
Concen: 16.82 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Tgt Ion: 50 Resp: 343887
Ion Ratio Lower Upper
50 100
52 33.4 23.4 43.4





#5

Vinyl chloride

Concen: 18.25 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU043911.D

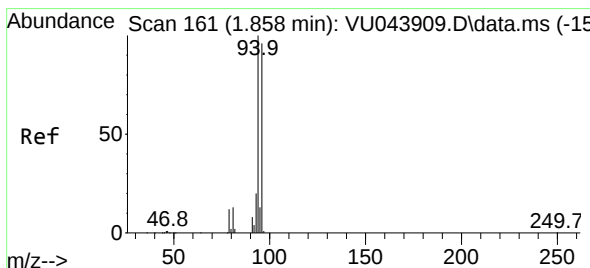
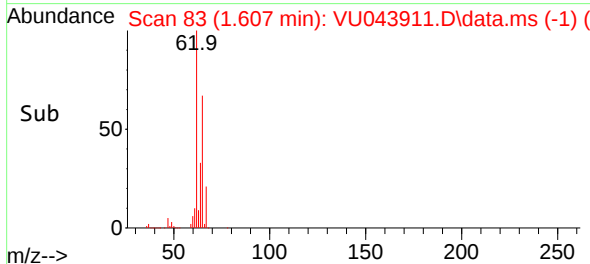
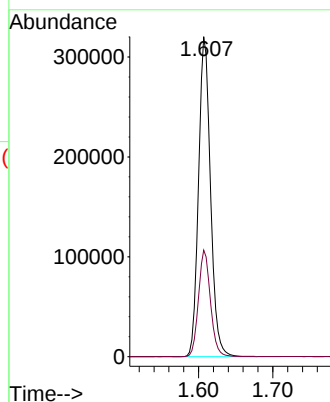
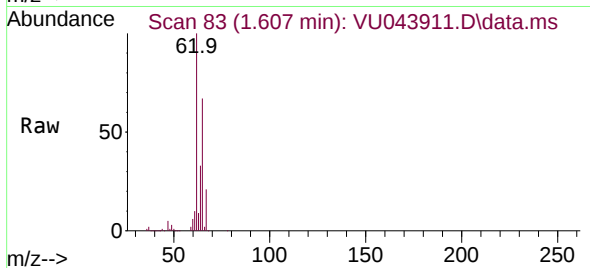
Acq: 24 May 2021 15:22

Tgt Ion: 62 Resp: 360630

Ion Ratio Lower Upper

62 100

64 33.3 23.2 43.2



#6

Bromomethane

Concen: 16.99 ug/L

RT: 1.864 min Scan# 163

Delta R.T. 0.006 min

Lab File: VU043911.D

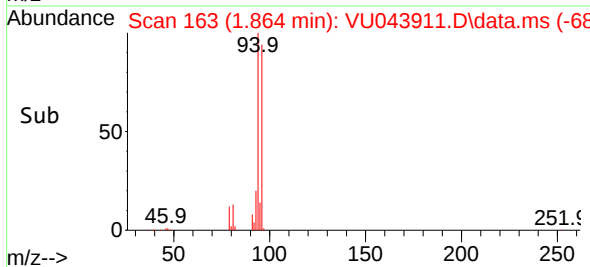
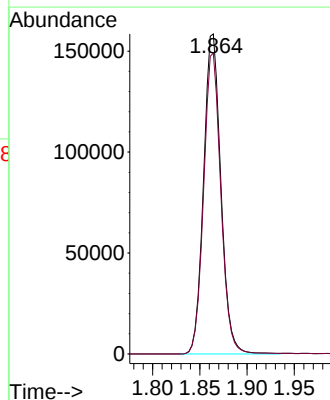
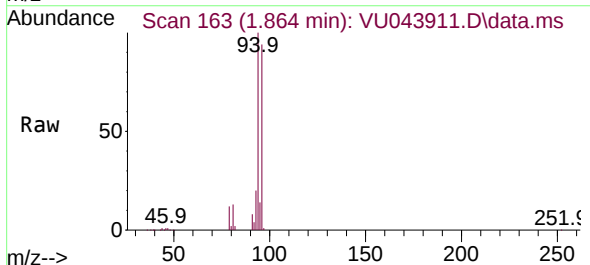
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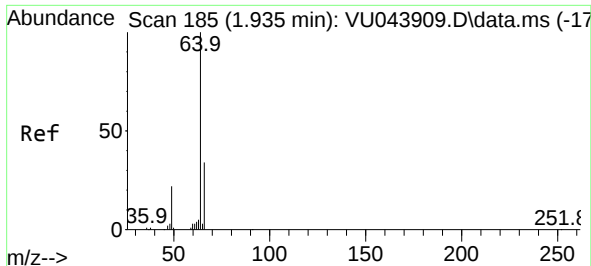
Tgt Ion: 94 Resp: 201667

Ion Ratio Lower Upper

94 100

96 94.0 67.1 124.7

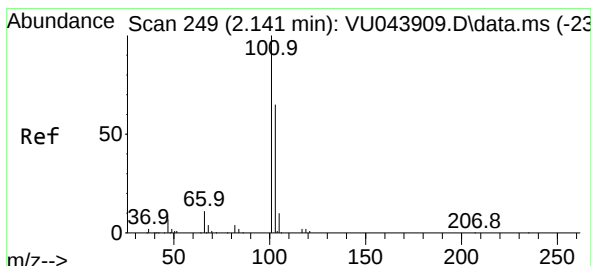
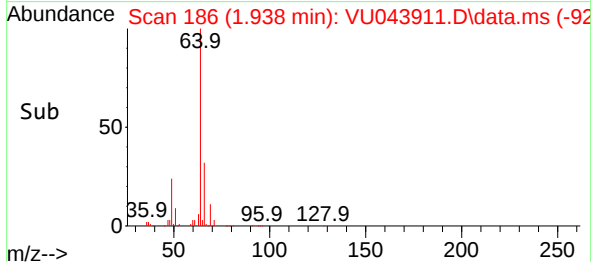
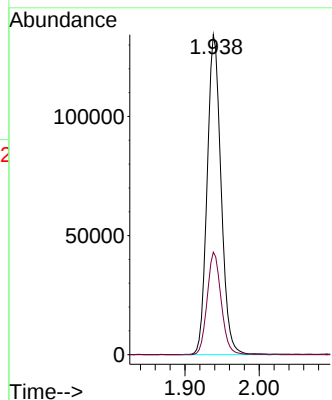
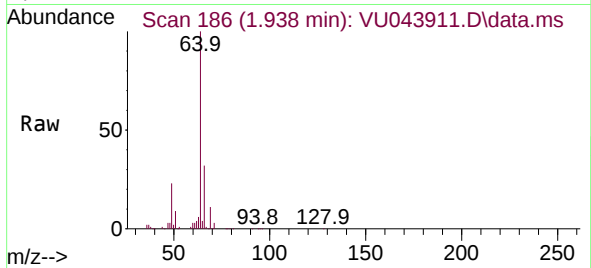




#8
Chloroethane
Concen: 15.69 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.003 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

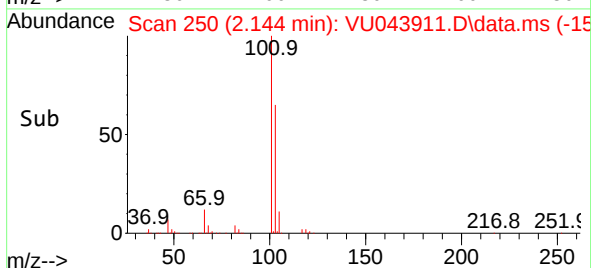
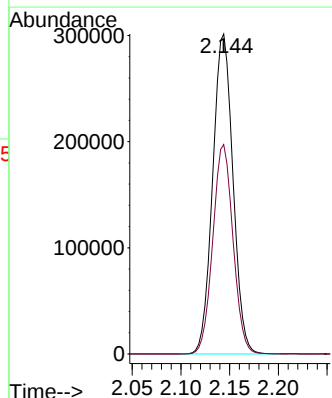
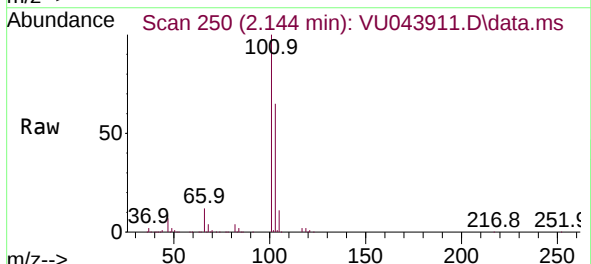
Instrument :
MSVOA_U
ClientSampleId :
VSTD020135

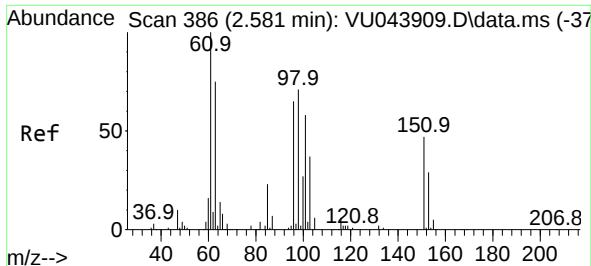
Tgt Ion: 64 Resp: 174430
Ion Ratio Lower Upper
64 100
66 32.1 23.7 44.1



#9
Trichlorofluoromethane
Concen: 18.38 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Tgt Ion: 101 Resp: 436469
Ion Ratio Lower Upper
101 100
103 65.2 51.5 77.3





#10

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

Concen: 20.45 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.003 min

Lab File: VU043911.D

Acq: 24 May 2021 15:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD020135

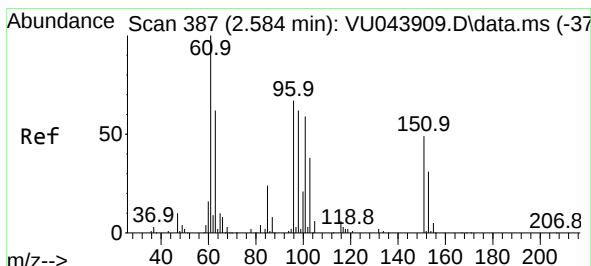
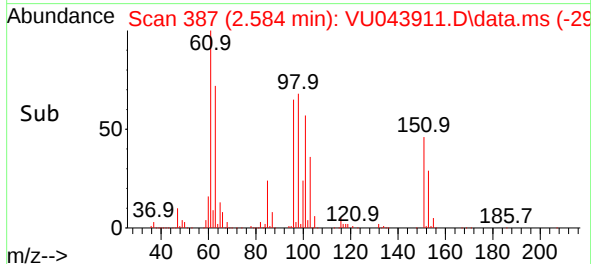
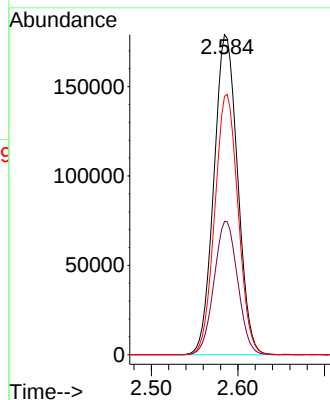
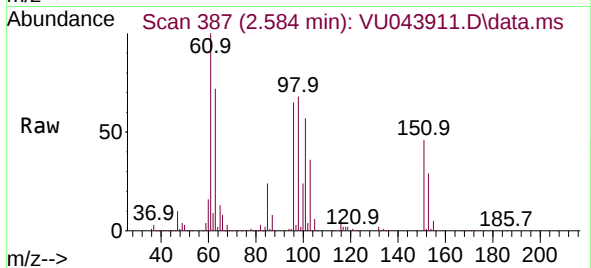
Tgt Ion:101 Resp: 340969

Ion Ratio Lower Upper

101 100

85 41.5 32.5 48.7

151 80.1 64.9 97.3



#12

1,1-Dichloroethene

Concen: 20.45 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU043911.D

Acq: 24 May 2021 15:22

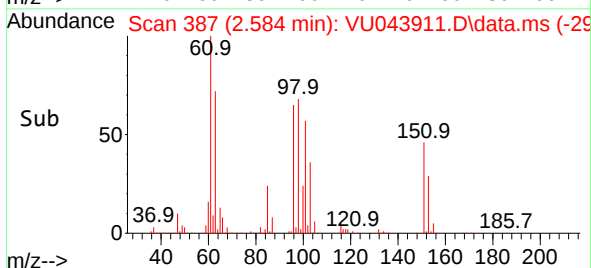
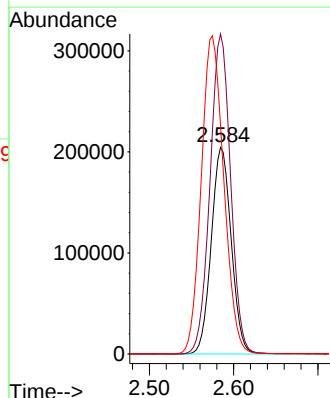
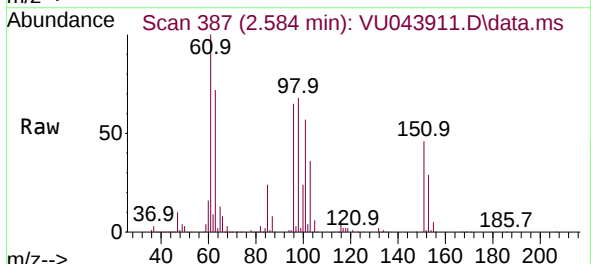
Tgt Ion: 96 Resp: 335593

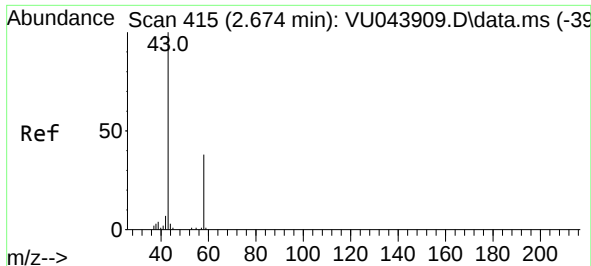
Ion Ratio Lower Upper

96 100

61 154.9 105.1 195.3

63 110.8 66.6 123.6

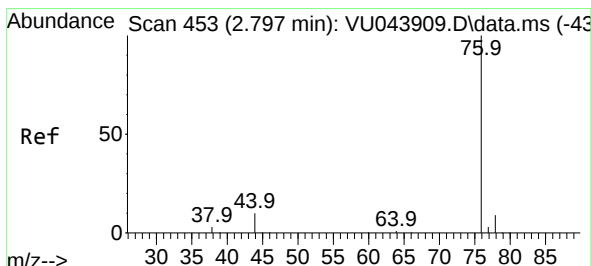
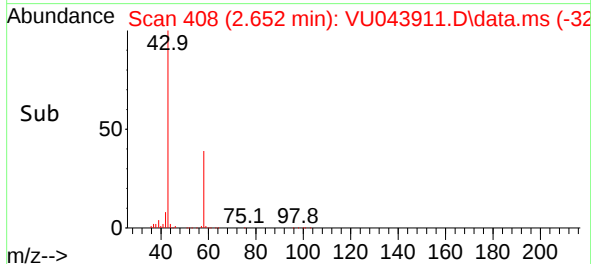
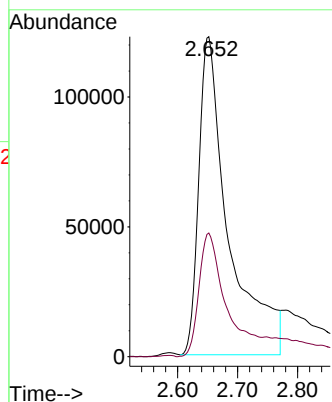
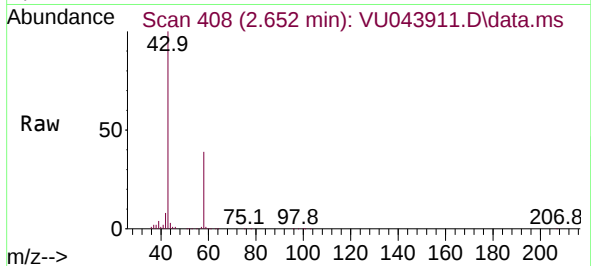




#13
Acetone
Concen: 185.98 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.022 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

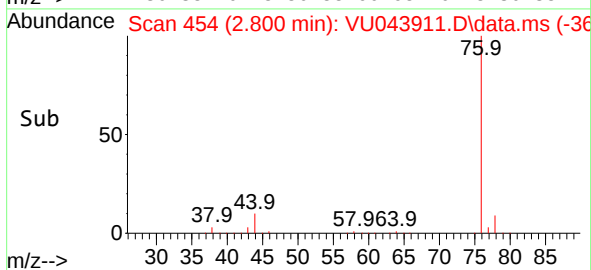
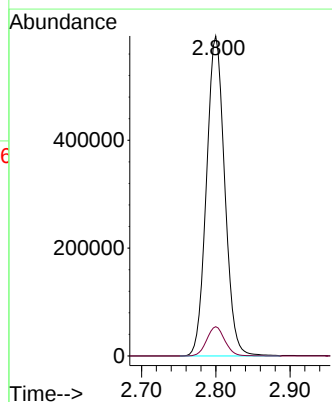
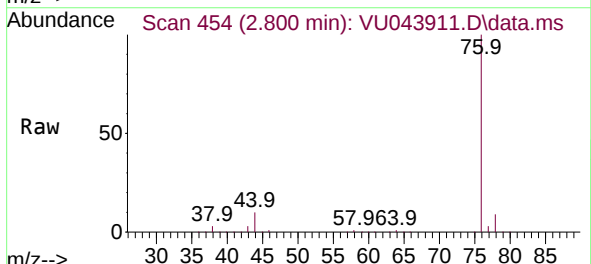
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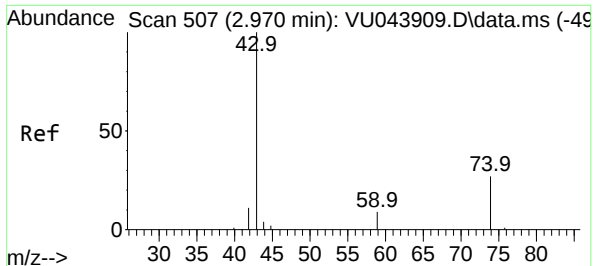
Tgt Ion: 43 Resp: 422765
Ion Ratio Lower Upper
43 100
58 35.9 0.0 46.2



#14
Carbon disulfide
Concen: 18.80 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Tgt Ion: 76 Resp: 1011635
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

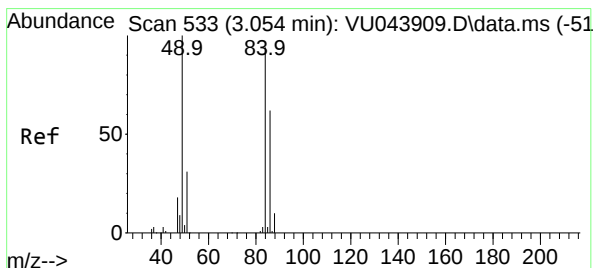
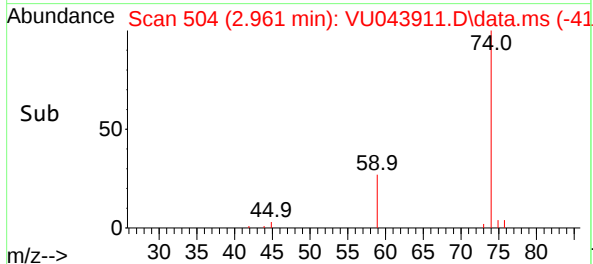
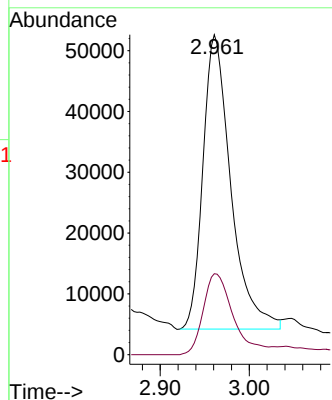
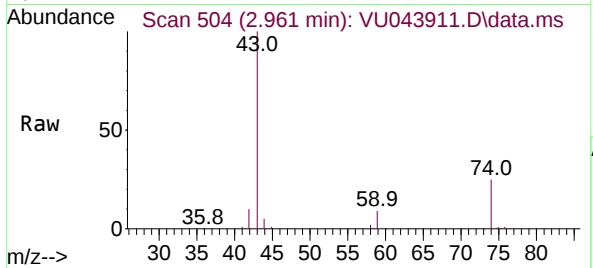




#15
Methyl Acetate
Concen: 15.71 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.010 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

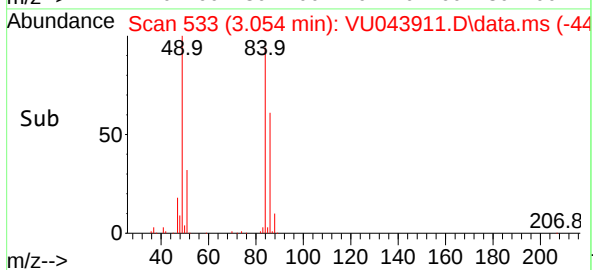
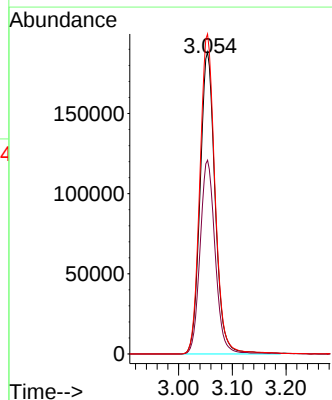
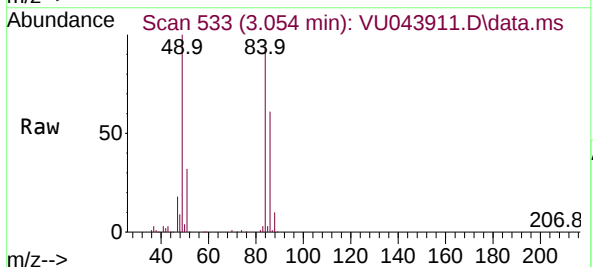
Instrument :
MSVOA_U
ClientSampleId :
VSTD020135

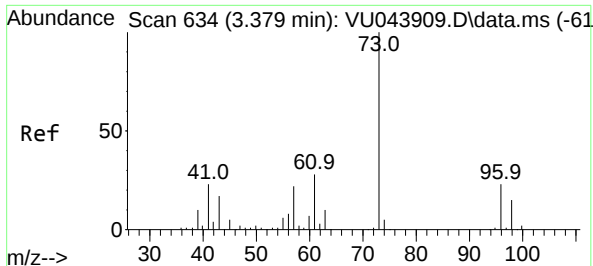
Tgt Ion: 43 Resp: 105597
Ion Ratio Lower Upper
43 100
74 29.6 13.8 20.6#



#16
Methylene chloride
Concen: 15.34 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Tgt Ion: 84 Resp: 366141
Ion Ratio Lower Upper
84 100
86 64.2 45.6 84.8
49 106.0 74.2 137.8



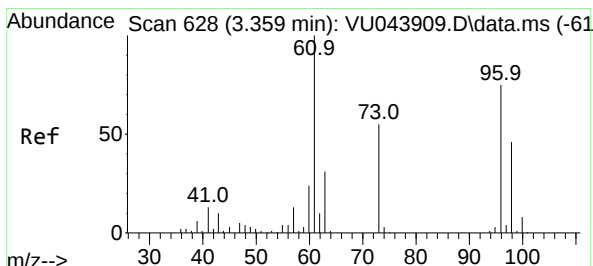
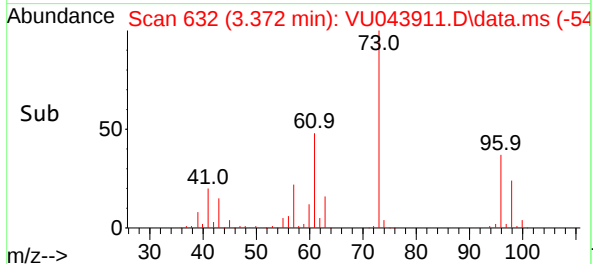
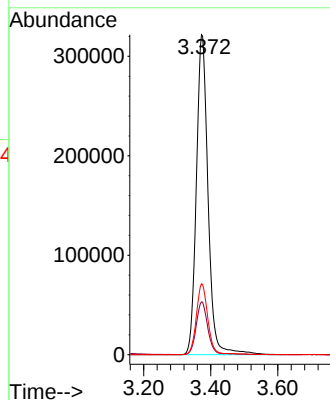
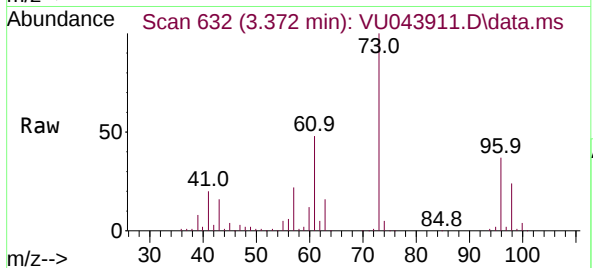


#17

Methyl tert-butyl Ether
Concen: 21.42 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.006 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Instrument :
MSVOA_U
ClientSampleId :
VSTD020135

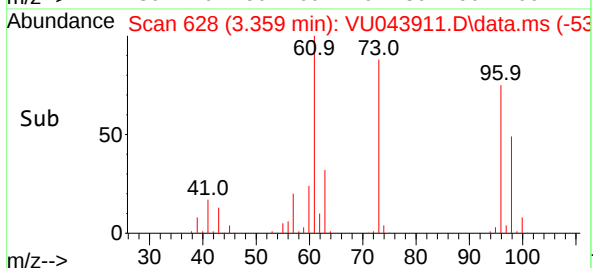
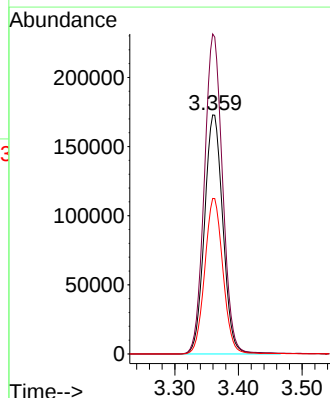
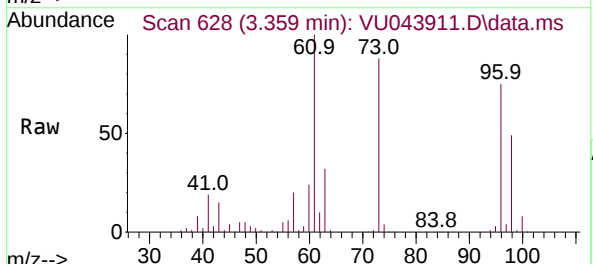
Tgt Ion: 73	Resp: 780385
Ion Ratio	Lower Upper
73 100	
43 16.0	13.8 20.8
57 21.5	17.8 26.8

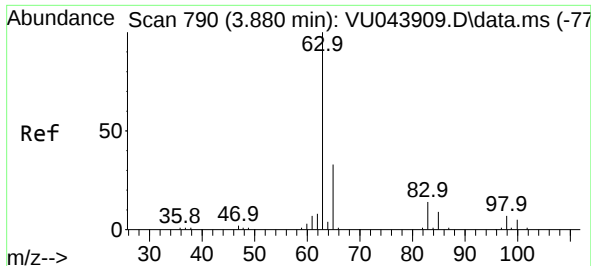


#18

trans-1,2-Dichloroethene
Concen: 20.33 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Tgt Ion: 96	Resp: 347166
Ion Ratio	Lower Upper
96 100	
61 133.9	93.9 174.3
98 65.1	43.5 80.7





#19

1,1-Dichloroethane

Concen: 19.62 ug/L

RT: 3.877 min Scan# 789

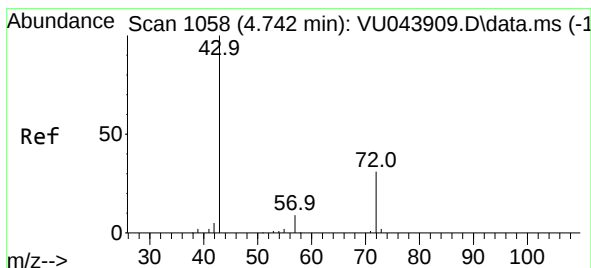
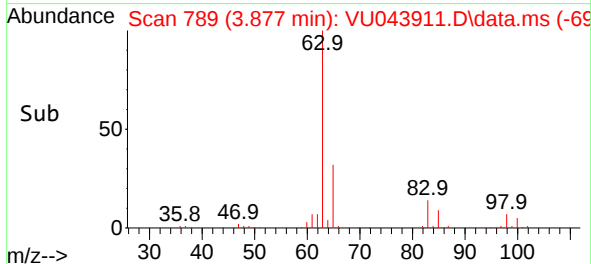
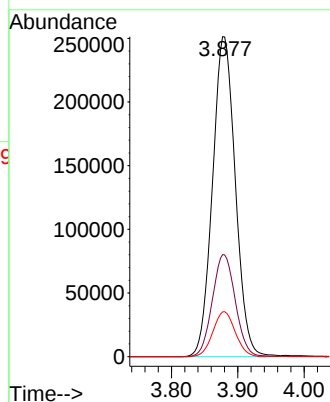
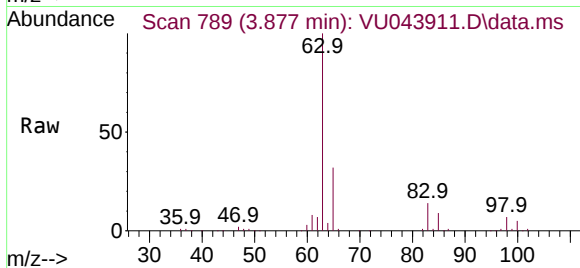
Delta R.T. -0.003 min

Lab File: VU043911.D

Acq: 24 May 2021 15:22

Tgt Ion: 63 Resp: 600331

Ion	Ratio	Lower	Upper
63	100		
65	31.9	23.2	43.2
83	14.0	9.7	18.1



#21

2-Butanone

Concen: 217.81 ug/L

RT: 4.723 min Scan# 1052

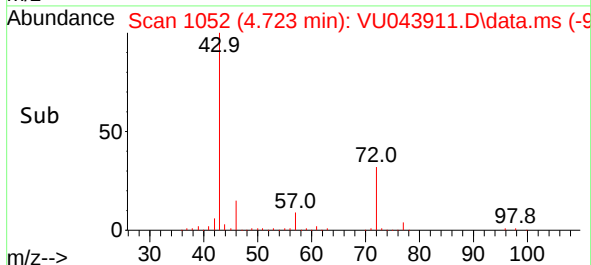
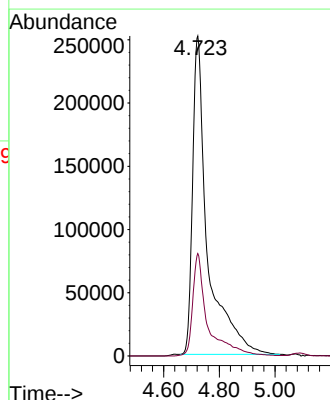
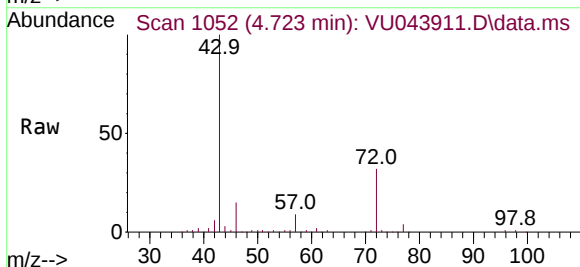
Delta R.T. -0.019 min

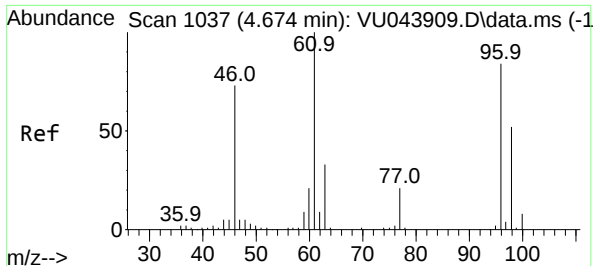
Lab File: VU043911.D

Acq: 24 May 2021 15:22

Tgt Ion: 43 Resp: 942726

Ion	Ratio	Lower	Upper
43	100		
72	32.0	14.7	44.1





#22

cis-1,2-Dichloroethene

Concen: 21.42 ug/L

RT: 4.674 min Scan# 1037

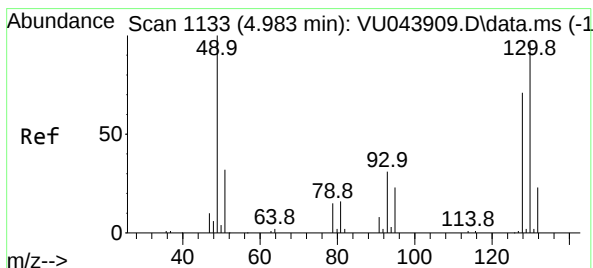
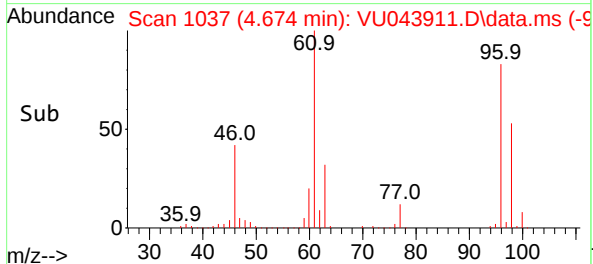
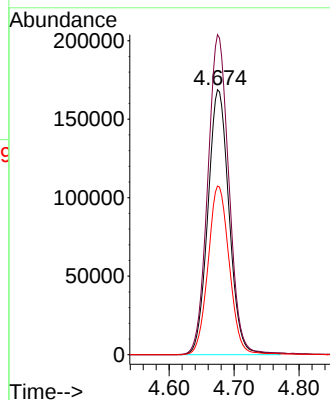
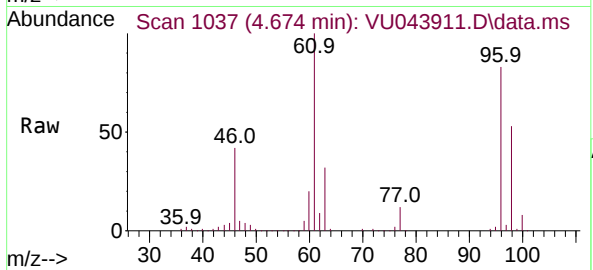
Delta R.T. 0.000 min

Lab File: VU043911.D

Acq: 24 May 2021 15:22

Tgt Ion: 96 Resp: 382901

Ion	Ratio	Lower	Upper
96	100		
61	120.8	82.9	153.9
98	63.7	43.3	80.5



#23

Bromochloromethane

Concen: 21.45 ug/L

RT: 4.983 min Scan# 1133

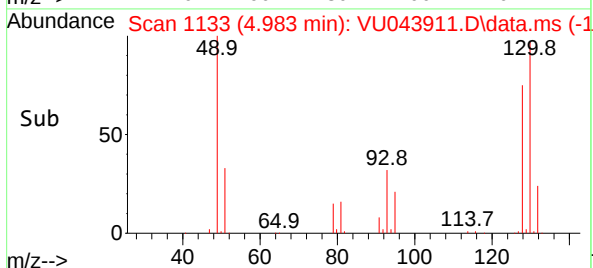
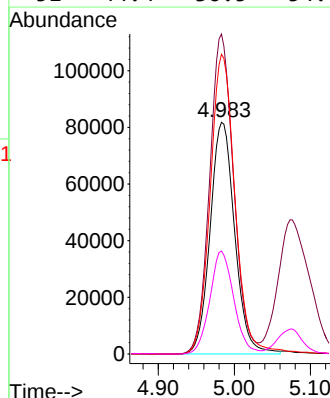
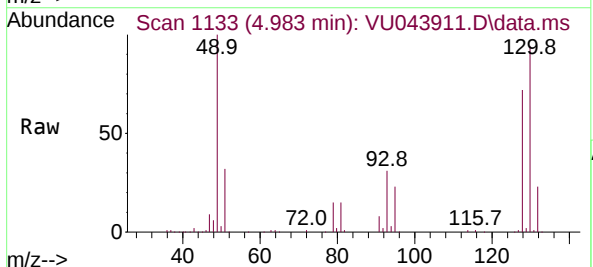
Delta R.T. 0.000 min

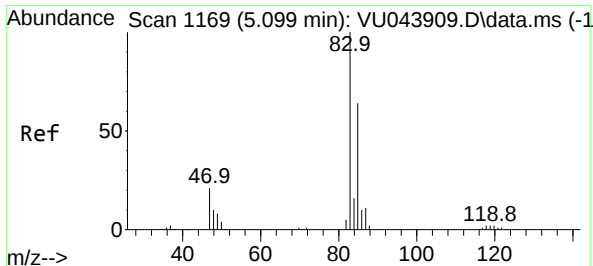
Lab File: VU043911.D

Acq: 24 May 2021 15:22

Tgt Ion: 128 Resp: 183565

Ion	Ratio	Lower	Upper
128	100		
49	138.1	98.7	183.3
130	129.3	94.6	175.8
51	44.4	36.5	54.7





#25

Chloroform

Concen: 20.34 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU043911.D

Acq: 24 May 2021 15:22

Tgt Ion: 83 Resp: 626035

Ion Ratio Lower Upper

83 100

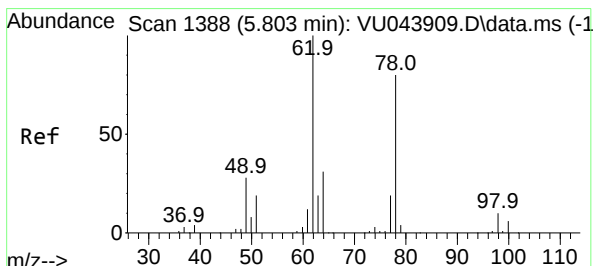
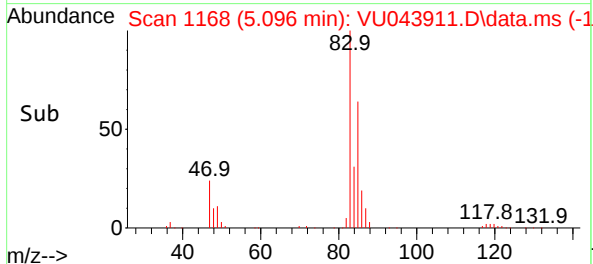
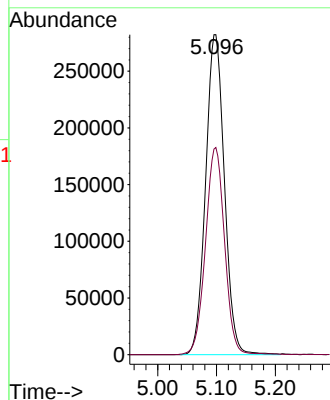
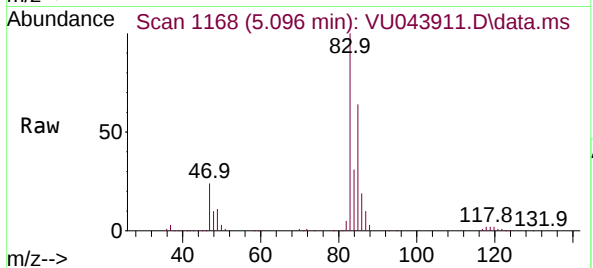
85 64.2 44.7 82.9

Instrument :

MSVOA_U

ClientSampleId :

VSTD020135



#27

1,2-Dichloroethane

Concen: 19.79 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.000 min

Lab File: VU043911.D

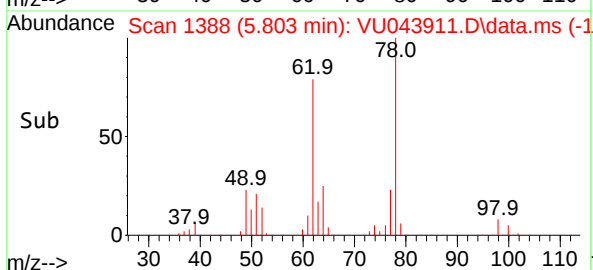
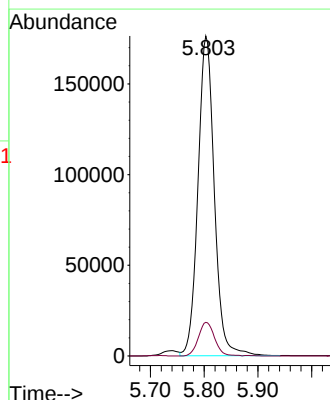
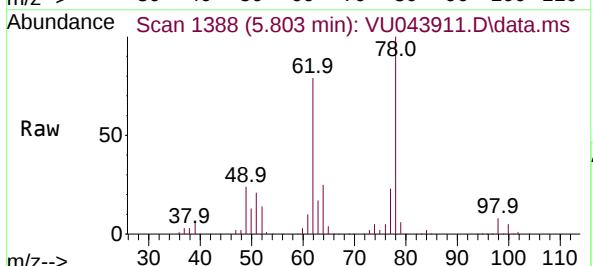
Acq: 24 May 2021 15:22

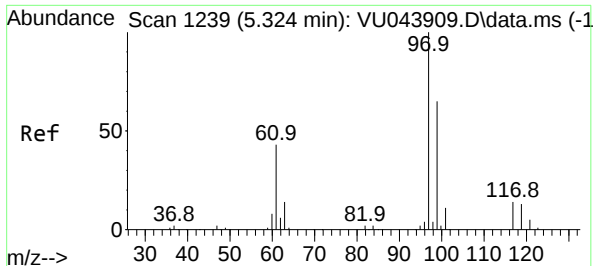
Tgt Ion: 62 Resp: 372346

Ion Ratio Lower Upper

62 100

98 10.5 8.3 12.5



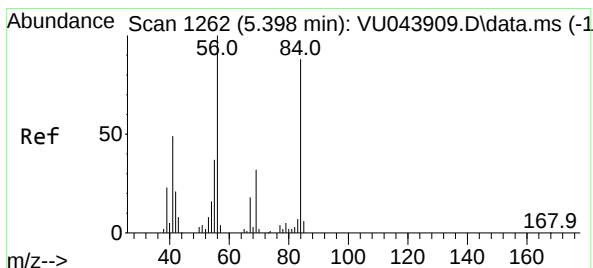
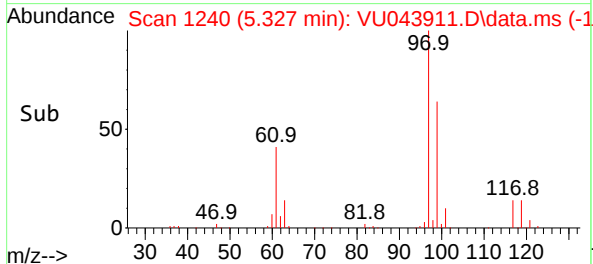
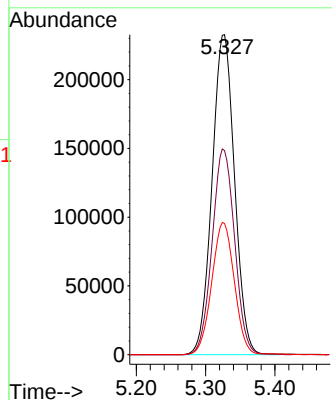
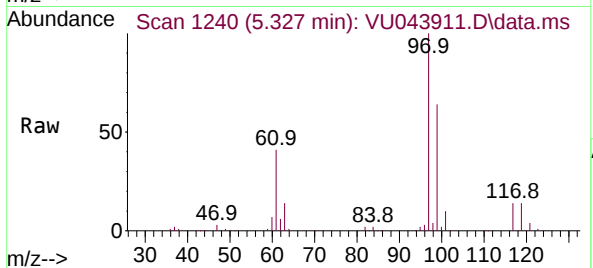


#29

1,1,1-Trichloroethane
Concen: 21.12 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Instrument :
MSVOA_U
ClientSampleId :
VSTD020135

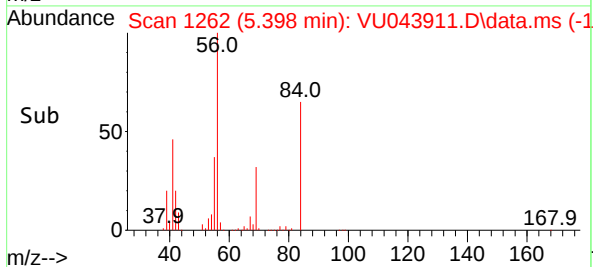
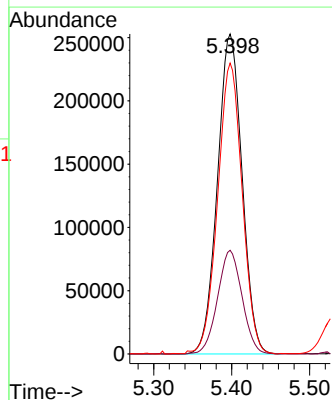
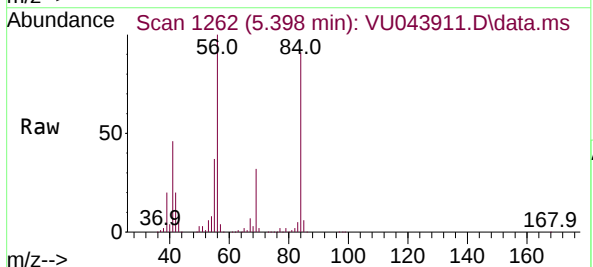
Tgt Ion: 97 Resp: 524923
Ion Ratio Lower Upper
97 100
99 64.4 51.9 77.9
61 41.5 34.7 52.1

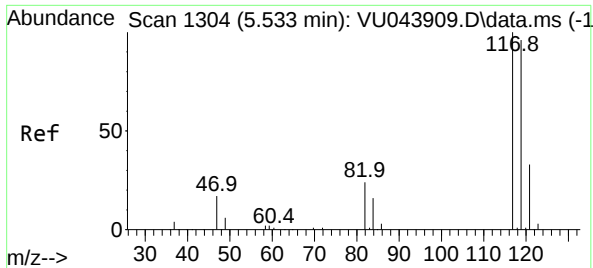


#30

Cyclohexane
Concen: 20.94 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Tgt Ion: 56 Resp: 556540
Ion Ratio Lower Upper
56 100
69 32.1 25.4 38.0
84 90.5 72.0 108.0

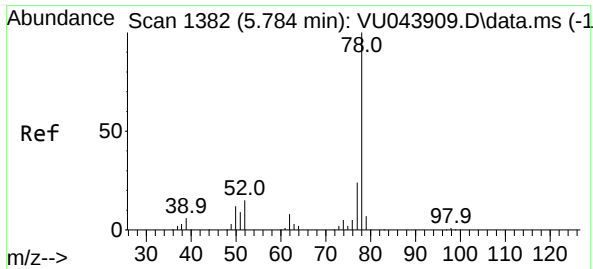
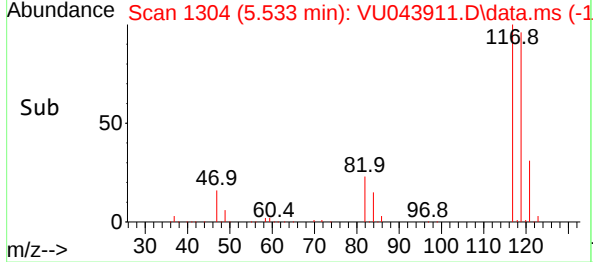
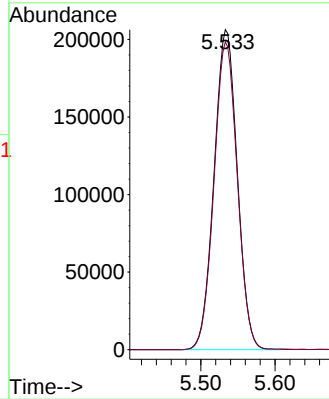
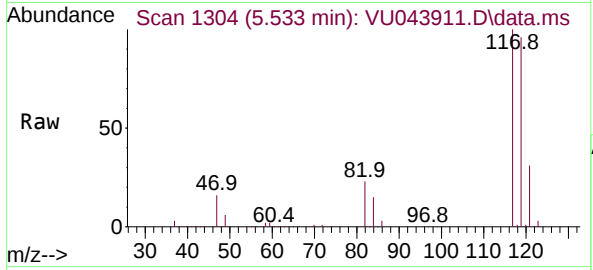




#31
Carbon tetrachloride
Concen: 21.43 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

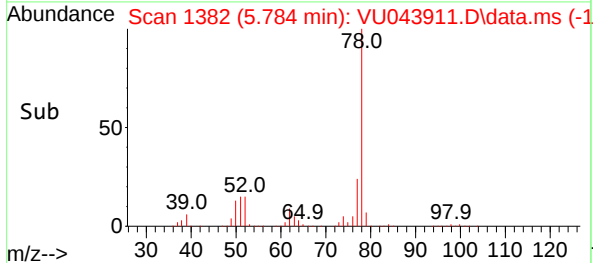
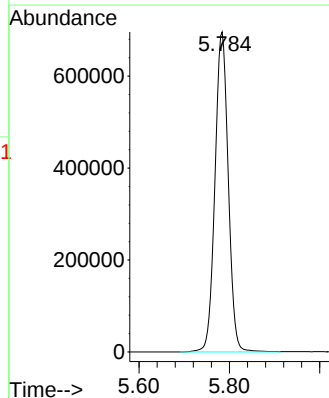
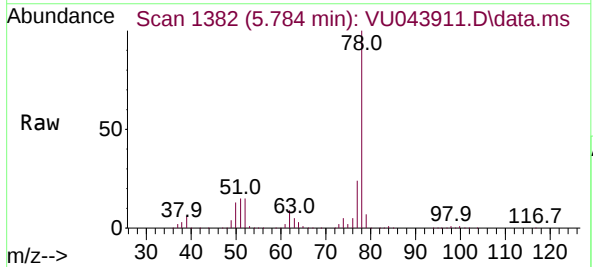
Instrument :
MSVOA_U
ClientSampleId :
VSTD020135

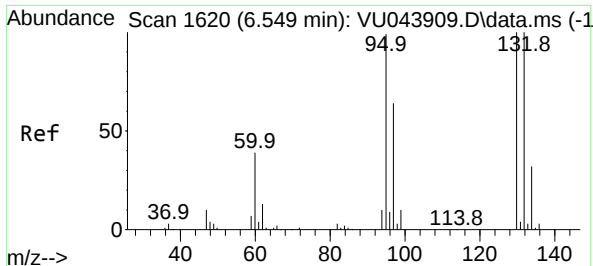
Tgt Ion:117 Resp: 448520
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.0



#33
Benzene
Concen: 20.80 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Tgt Ion: 78 Resp: 1422080





#34

Trichloroethene

Concen: 20.55 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VU043911.D

Acq: 24 May 2021 15:22

Tgt Ion: 95 Resp: 361318

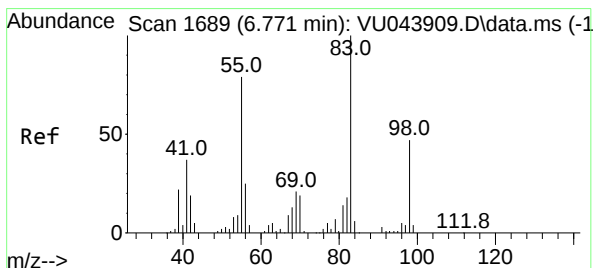
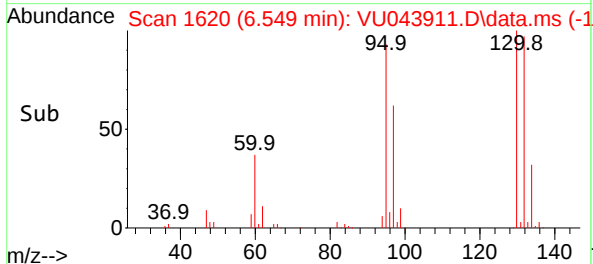
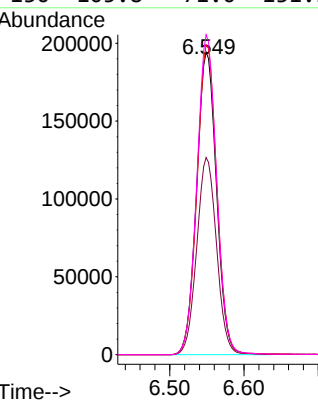
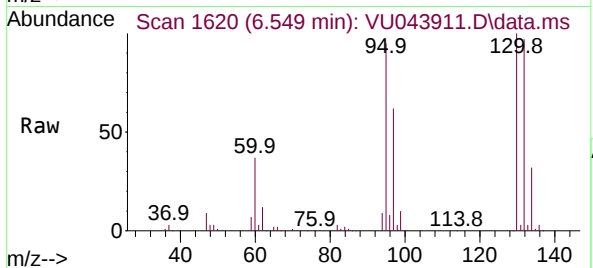
Ion Ratio Lower Upper

95 100

97 65.1 45.5 84.5

132 102.4 70.9 131.7

130 105.8 71.0 131.9



#35

Methylcyclohexane

Concen: 22.85 ug/L

RT: 6.771 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VU043911.D

Acq: 24 May 2021 15:22

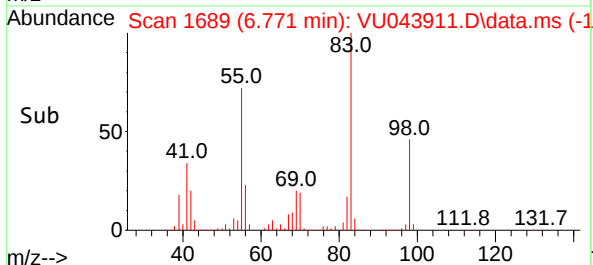
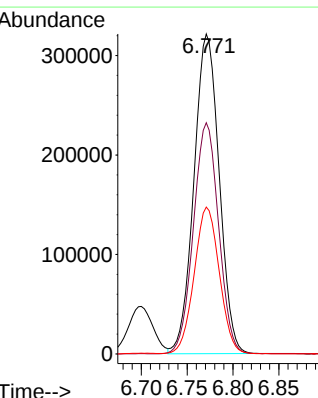
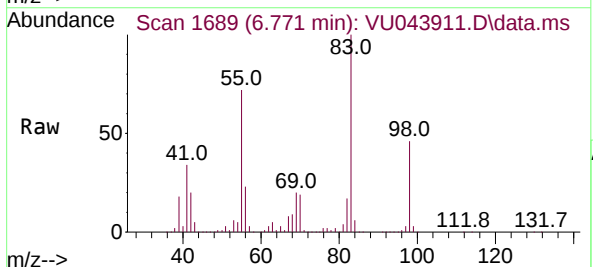
Tgt Ion: 83 Resp: 615527

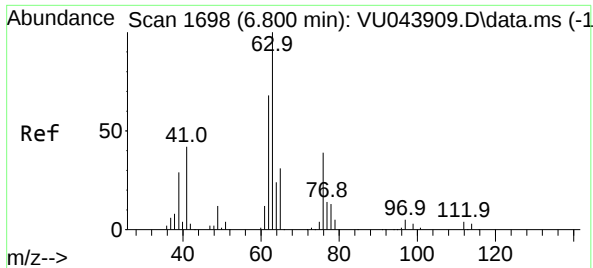
Ion Ratio Lower Upper

83 100

55 72.2 61.2 91.8

98 45.7 37.0 55.4

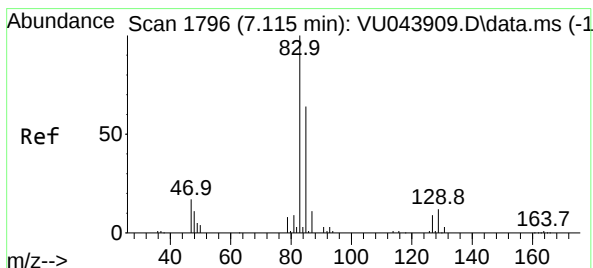
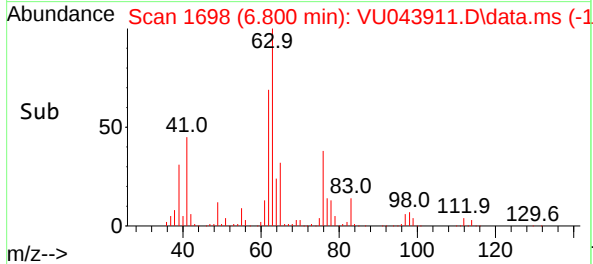
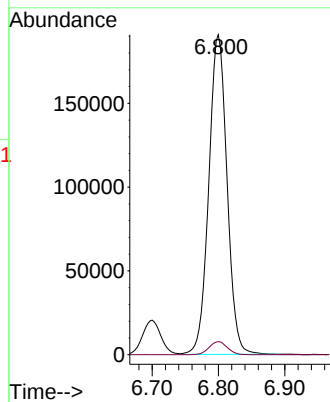
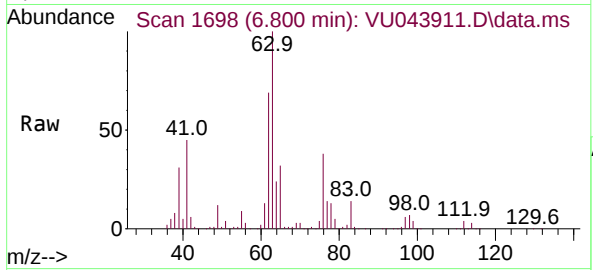




#37
1,2-Dichloropropane
Concen: 20.39 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

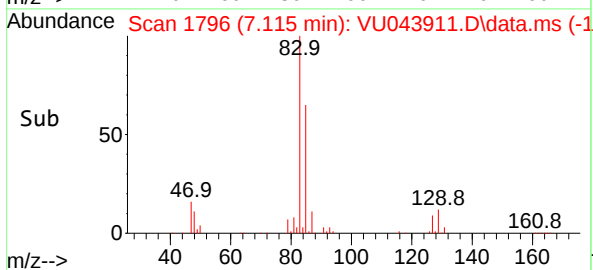
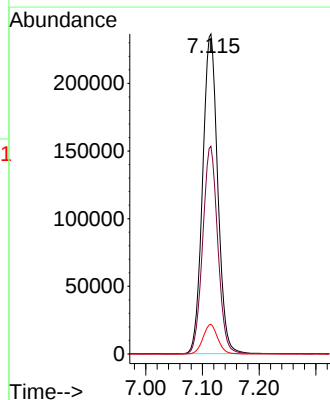
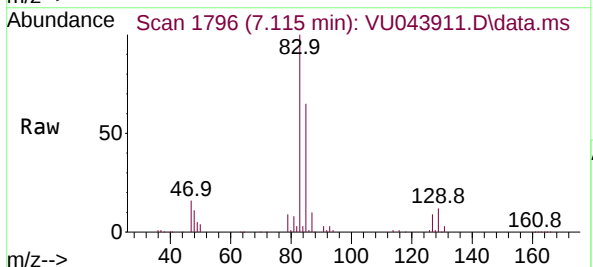
Instrument :
MSVOA_U
ClientSampleId :
VSTD020135

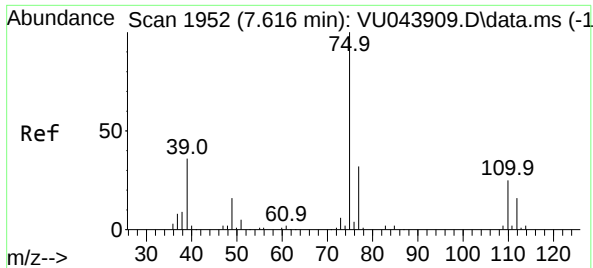
Tgt Ion: 63 Resp: 365077
Ion Ratio Lower Upper
63 100
112 4.1 3.7 5.5



#38
Bromodichloromethane
Concen: 20.76 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Tgt Ion: 83 Resp: 436463
Ion Ratio Lower Upper
83 100
85 64.9 45.0 83.6
127 9.3 7.2 10.8

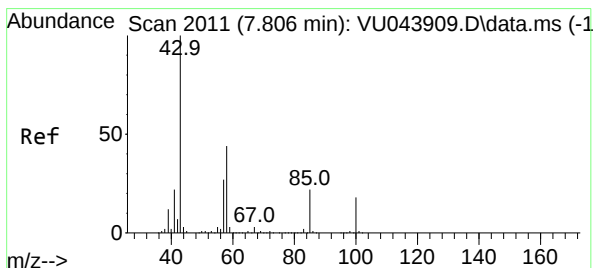
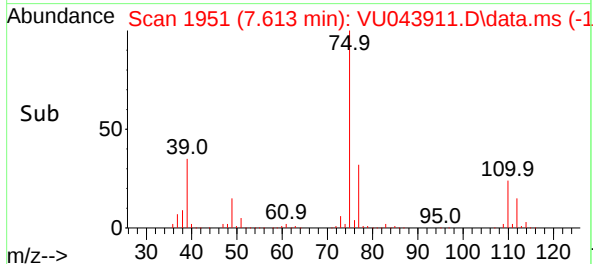
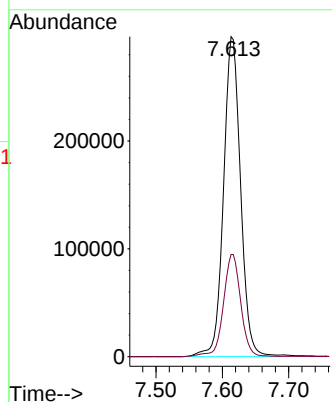
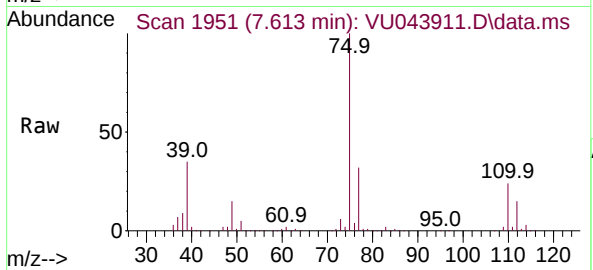




#39
 cis-1,3-Dichloropropene
 Concen: 22.39 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. -0.003 min
 Lab File: VU043911.D
 Acq: 24 May 2021 15:22

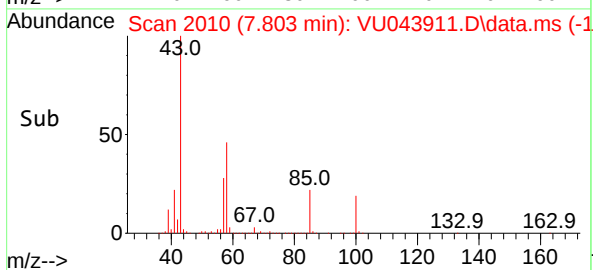
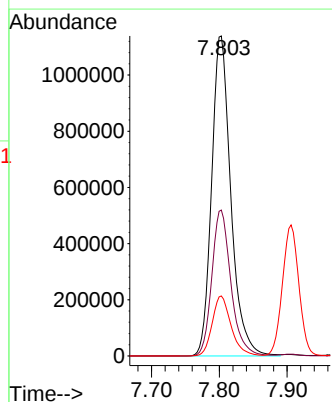
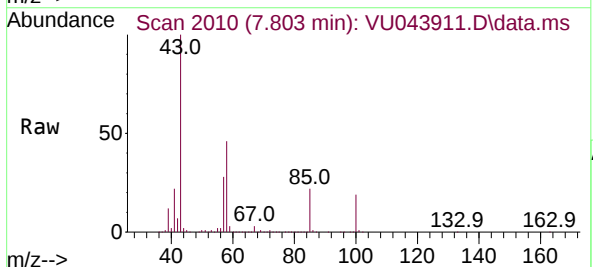
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020135

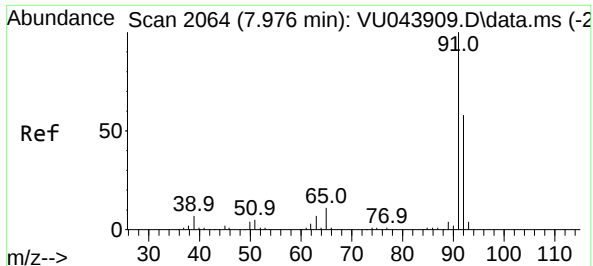
Tgt Ion: 75 Resp: 529001
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 199.98 ug/L
 RT: 7.803 min Scan# 2010
 Delta R.T. -0.003 min
 Lab File: VU043911.D
 Acq: 24 May 2021 15:22

Tgt Ion: 43 Resp: 2242546
 Ion Ratio Lower Upper
 43 100
 58 45.3 35.2 52.8
 100 18.5 14.2 21.2

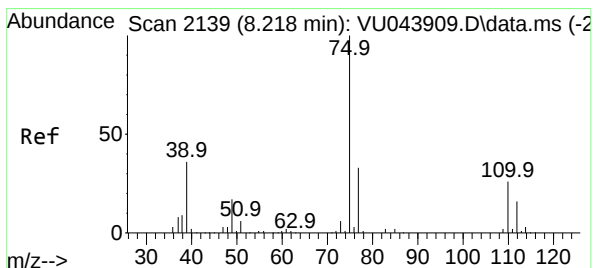
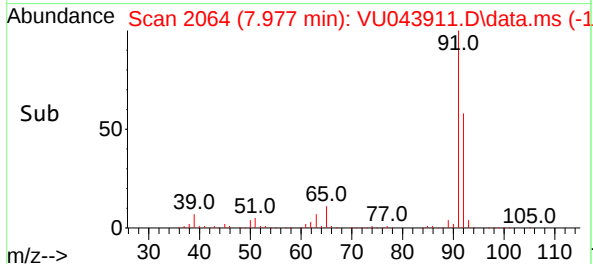
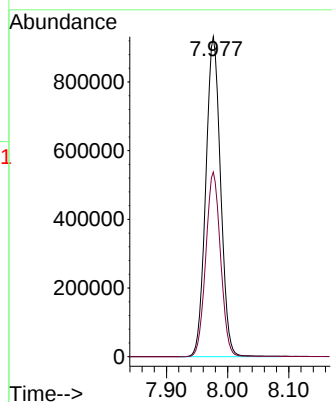
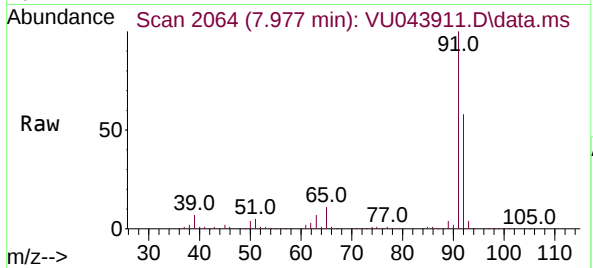




#42
Toluene
Concen: 21.73 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

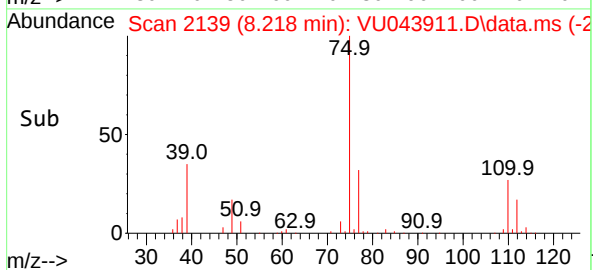
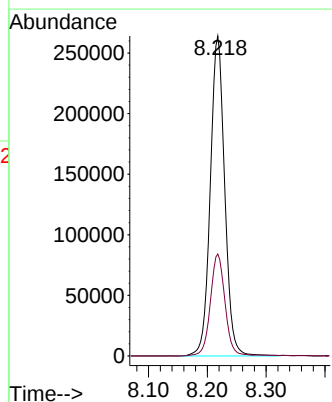
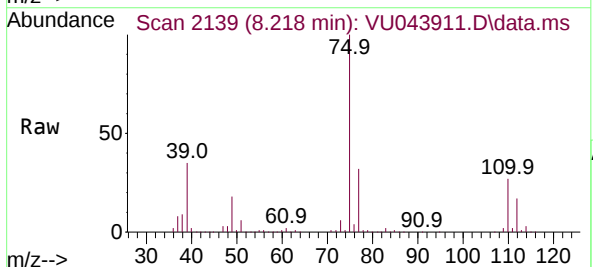
Instrument :
MSVOA_U
ClientSampleId :
VSTD020135

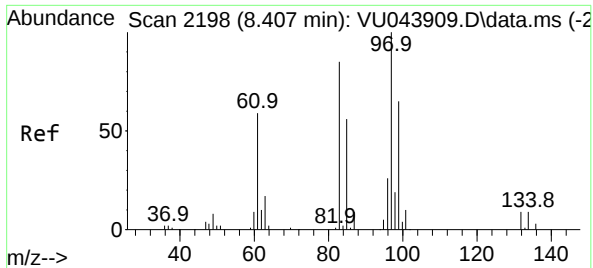
Tgt Ion: 91 Resp: 1566851
Ion Ratio Lower Upper
91 100
92 57.7 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 21.93 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Tgt Ion: 75 Resp: 449210
Ion Ratio Lower Upper
75 100
77 31.9 23.0 42.6

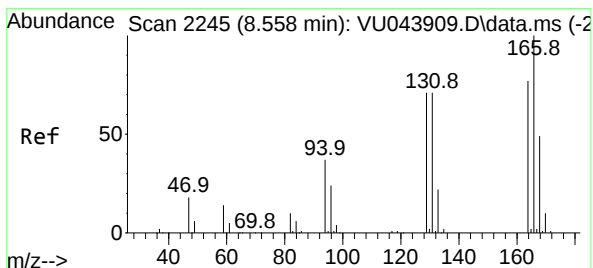
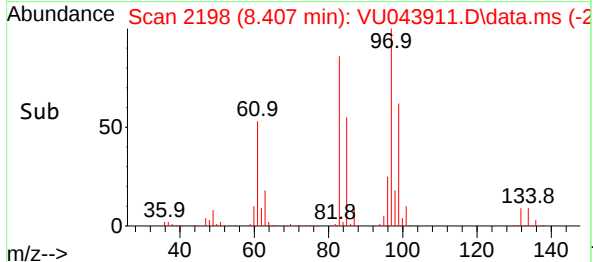
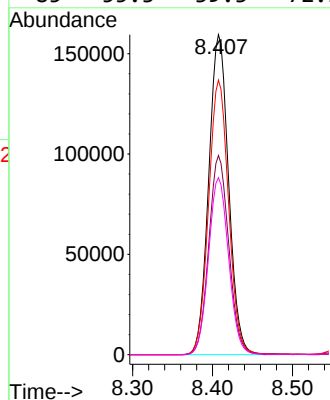
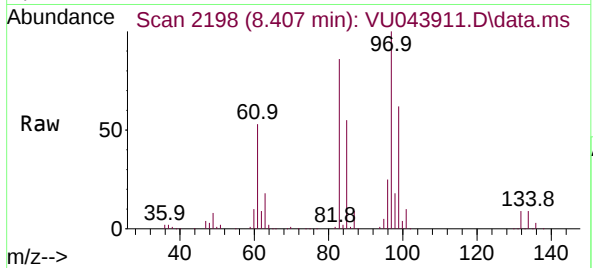




#45
1,1,2-Trichloroethane
Concen: 21.20 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

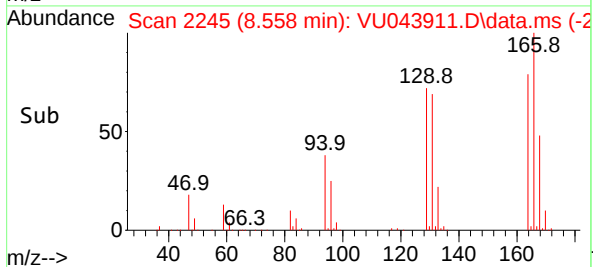
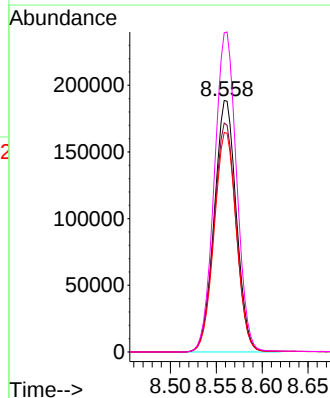
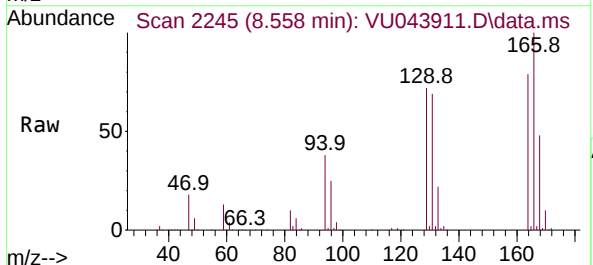
Instrument :
MSVOA_U
ClientSampleId :
VSTD020135

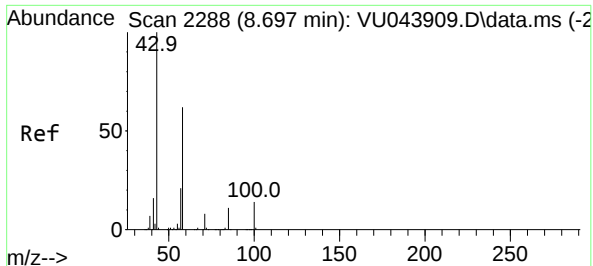
Tgt Ion:	97	Resp:	276038
Ion	Ratio	Lower	Upper
97	100		
99	62.2	45.6	84.6
83	85.8	59.6	110.8
85	55.3	39.3	72.9



#47
Tetrachloroethene
Concen: 21.98 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Tgt Ion:	164	Resp:	316305
Ion	Ratio	Lower	Upper
164	100		
129	91.0	64.1	119.1
131	87.2	64.5	119.9
166	126.9	90.8	168.6

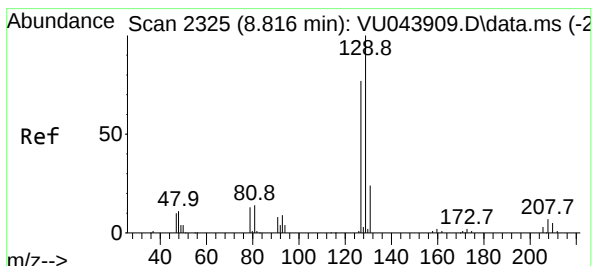
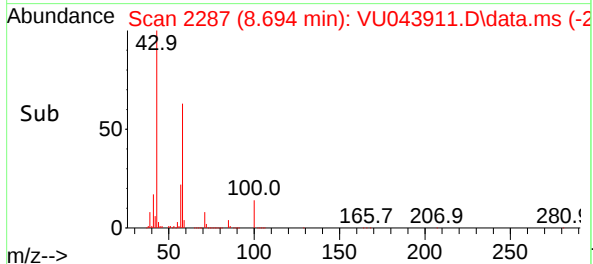
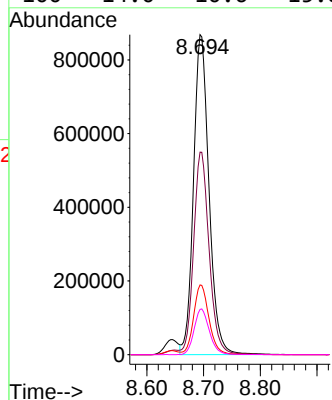
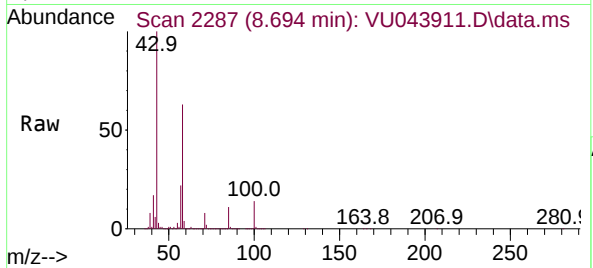




#48
2-Hexanone
Concen: 196.92 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

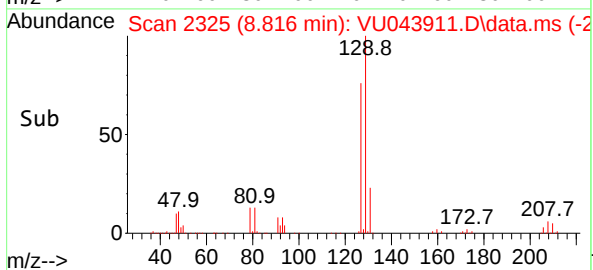
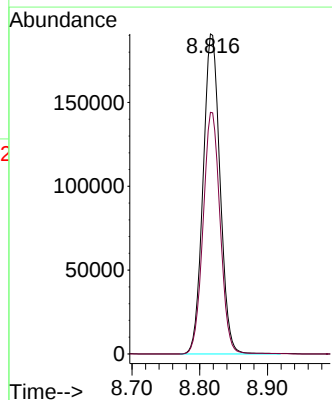
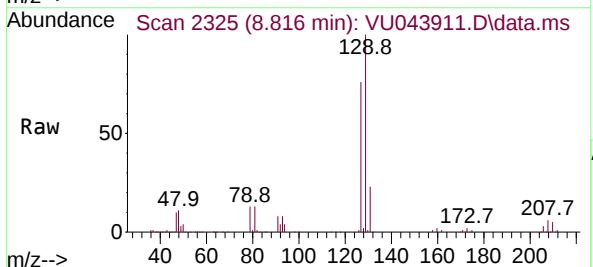
Instrument :
MSVOA_U
ClientSampleId :
VSTD020135

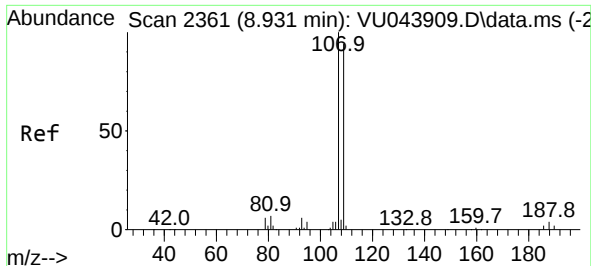
Tgt Ion: 43 Resp: 1645318
Ion Ratio Lower Upper
43 100
58 63.6 49.4 74.0
57 22.0 16.8 25.2
100 14.0 10.6 15.8



#49
Dibromochloromethane
Concen: 22.61 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Tgt Ion: 129 Resp: 331474
Ion Ratio Lower Upper
129 100
127 75.5 54.1 100.5

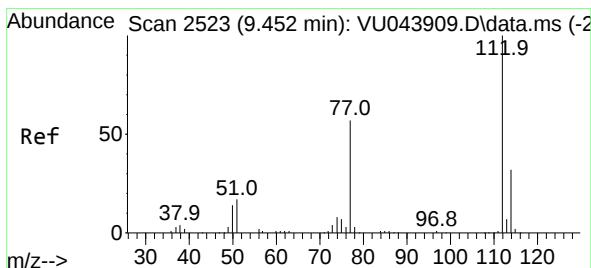
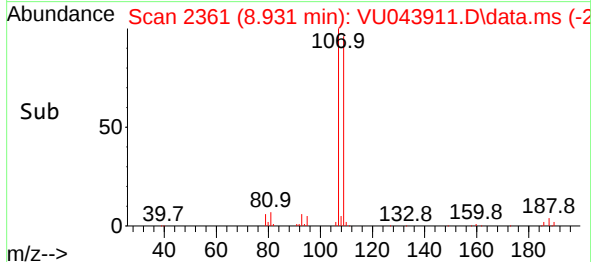
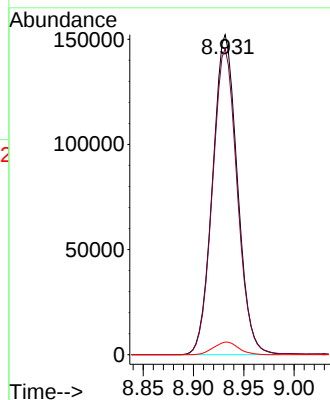
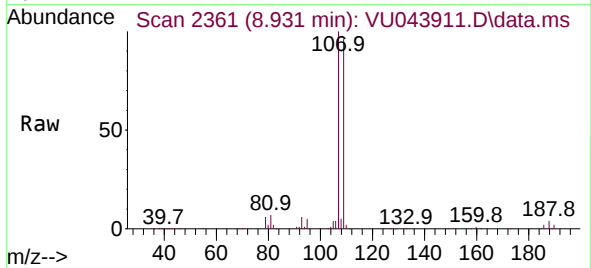




#50
1,2-Dibromoethane
Concen: 21.20 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

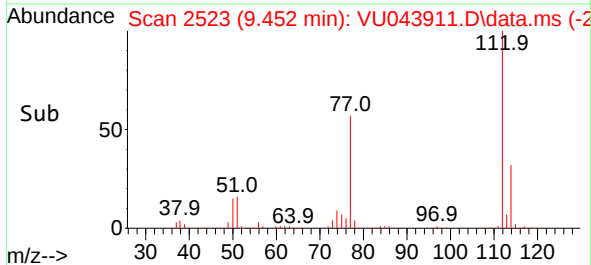
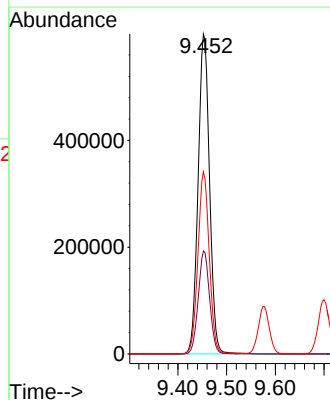
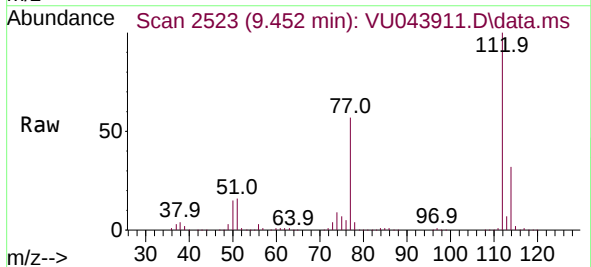
Instrument :
MSVOA_U
ClientSampleId :
VSTD020135

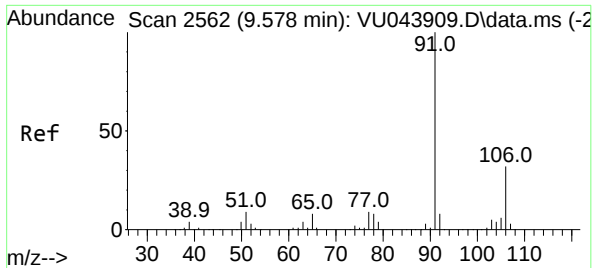
Tgt Ion:107 Resp: 260492
Ion Ratio Lower Upper
107 100
109 95.6 65.5 121.6
188 4.0 3.2 4.8



#51
Chlorobenzene
Concen: 21.58 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Tgt Ion:112 Resp: 977456
Ion Ratio Lower Upper
112 100
114 32.2 22.7 42.1
77 56.9 45.9 68.9

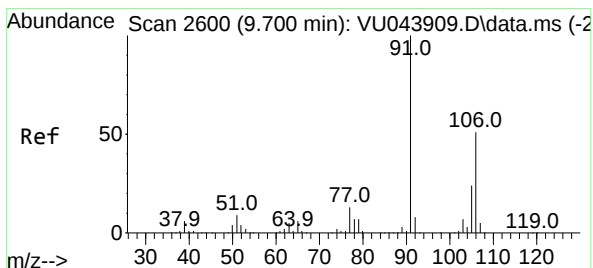
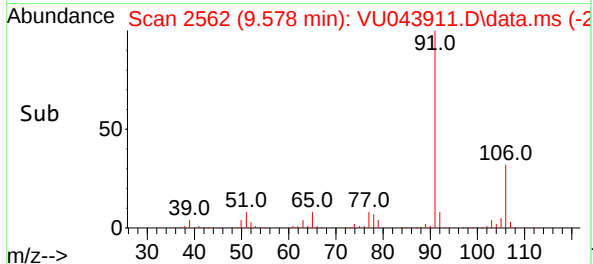
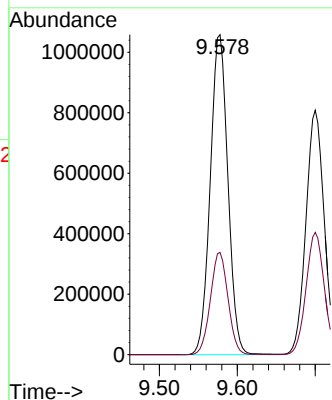
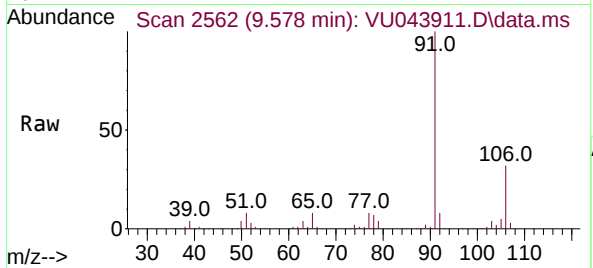




#52
Ethylbenzene
Concen: 22.77 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

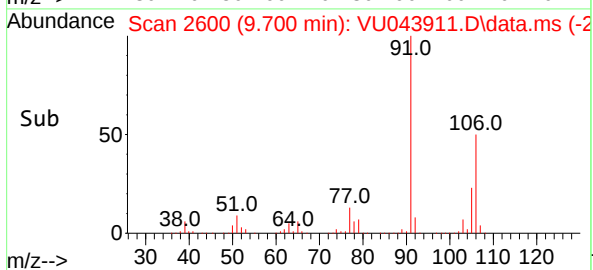
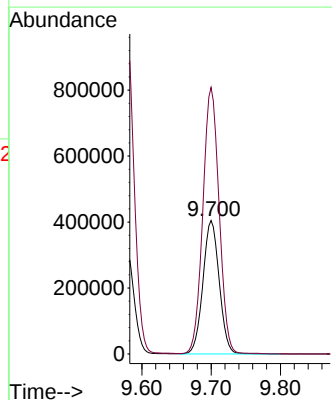
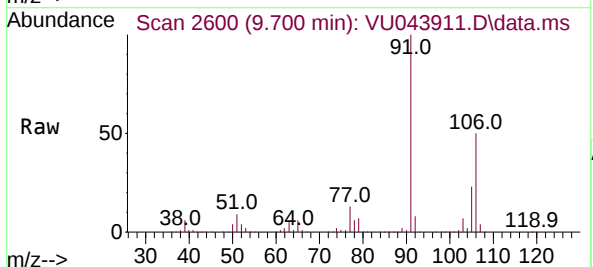
Instrument :
MSVOA_U
ClientSampleId :
VSTD020135

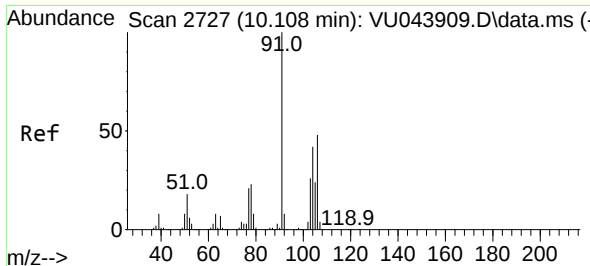
Tgt Ion: 91 Resp: 1664569
Ion Ratio Lower Upper
91 100
106 31.9 22.5 41.7



#53
m,p-Xylene
Concen: 23.45 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Tgt Ion: 106 Resp: 659920
Ion Ratio Lower Upper
106 100
91 199.9 137.3 255.1

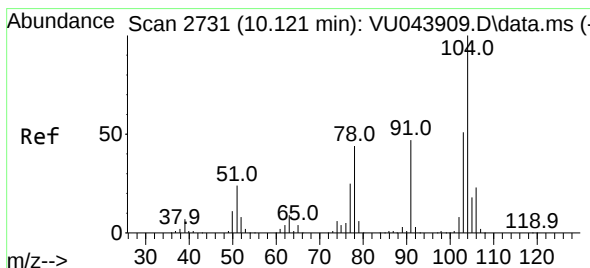
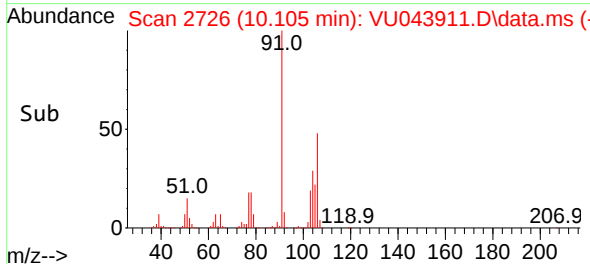
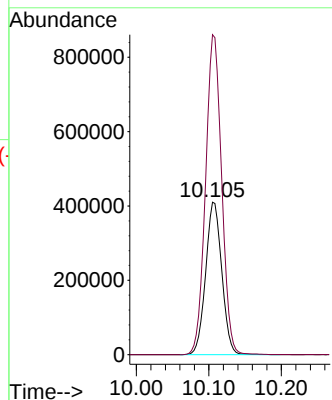
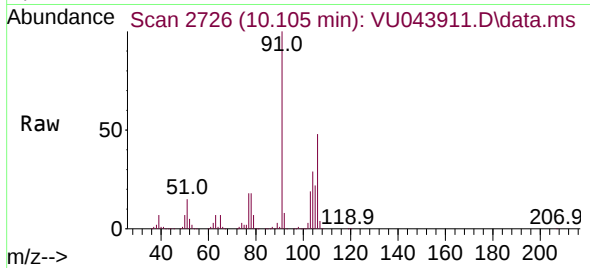




#54
o-Xylene
Concen: 23.69 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

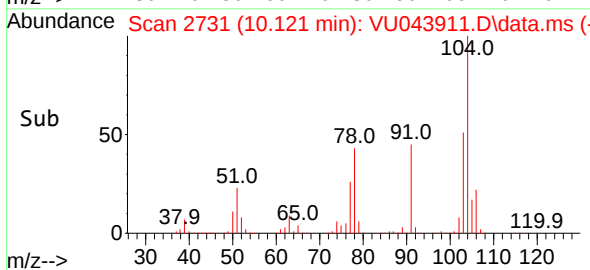
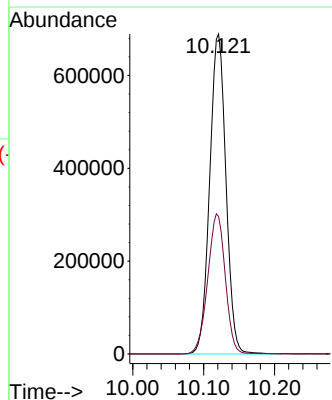
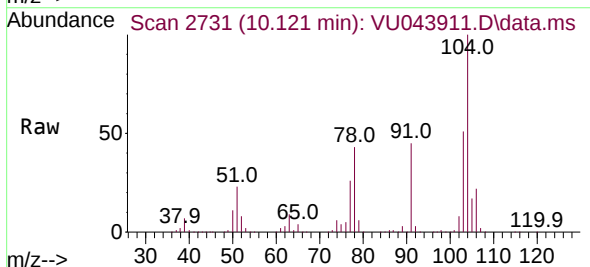
Instrument :
MSVOA_U
ClientSampleId :
VSTD020135

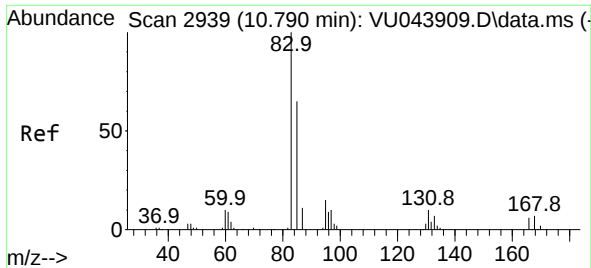
Tgt Ion:106 Resp: 633423
Ion Ratio Lower Upper
106 100
91 209.9 146.9 272.9



#55
Styrene
Concen: 24.14 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Tgt Ion:104 Resp: 1097394
Ion Ratio Lower Upper
104 100
78 42.9 30.5 56.7

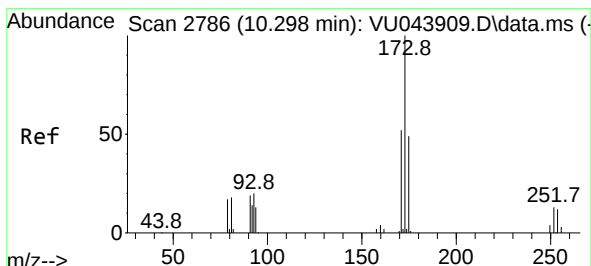
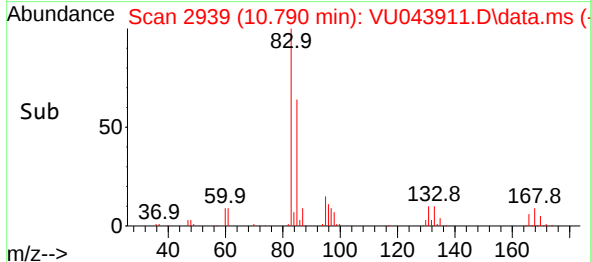
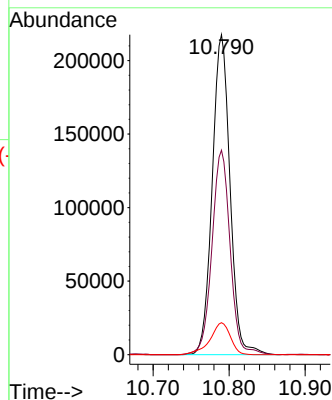
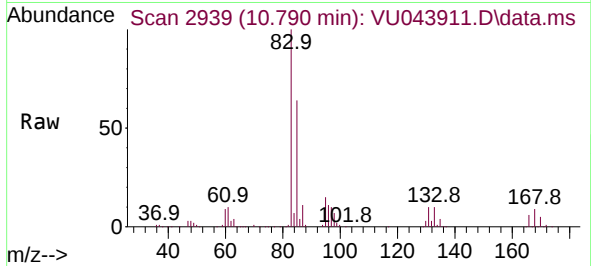




#57
1,1,2,2-Tetrachloroethane
Concen: 21.31 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

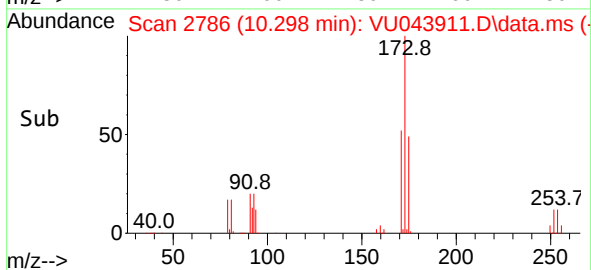
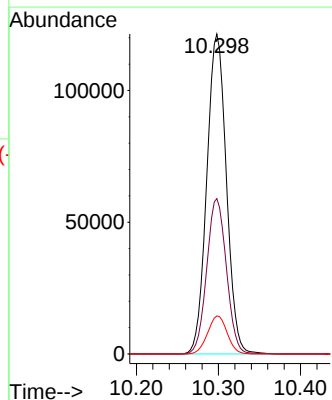
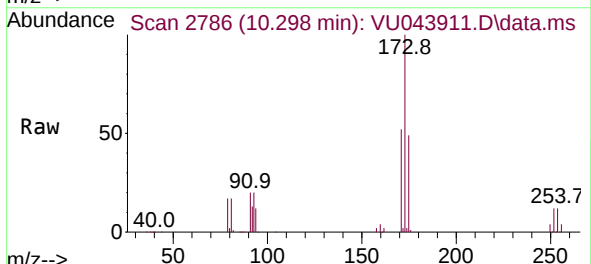
Instrument :
MSVOA_U
ClientSampleId :
VSTD020135

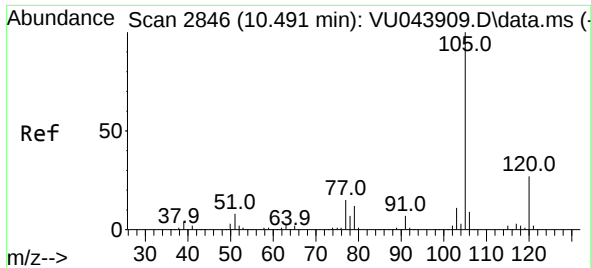
Tgt Ion:	83	Resp:	353008
Ion	Ratio	Lower	Upper
83	100		
85	63.9	45.5	84.5
131	10.0	8.1	12.1



#59
Bromoform
Concen: 21.27 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Tgt Ion:	173	Resp:	201319
Ion	Ratio	Lower	Upper
173	100		
175	48.7	38.8	58.2
254	11.8	9.3	13.9

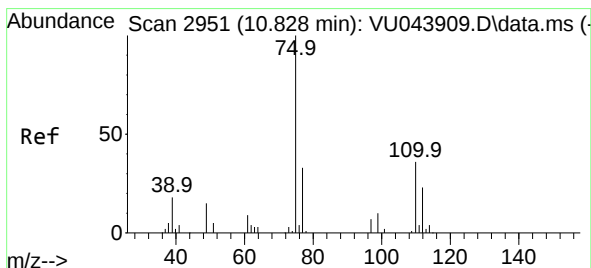
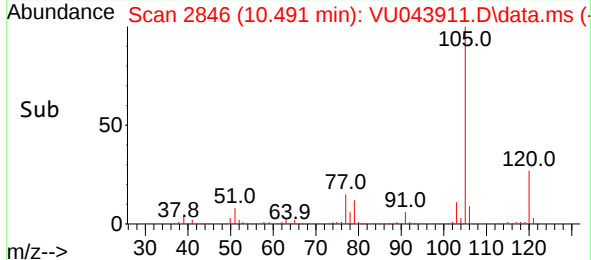
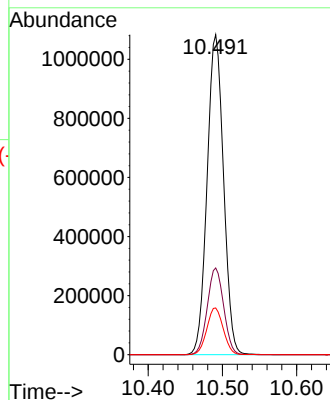
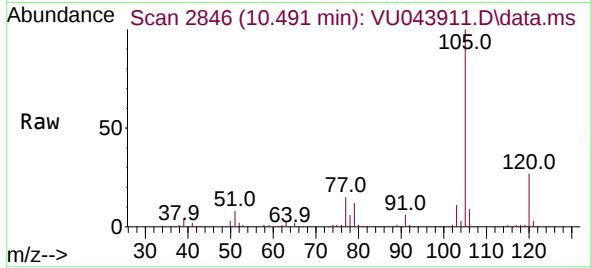




#60
Isopropylbenzene
Concen: 22.04 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

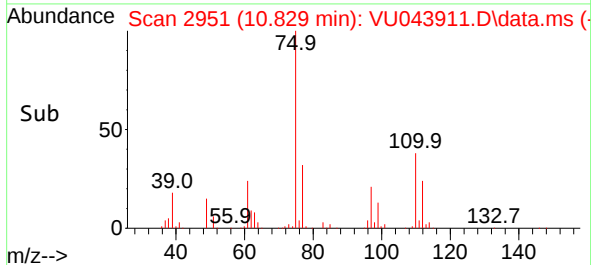
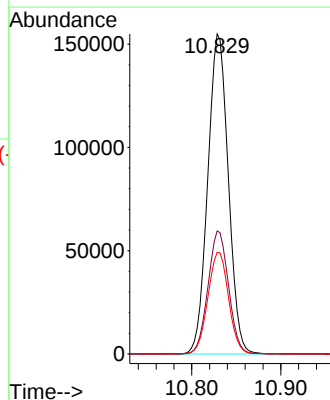
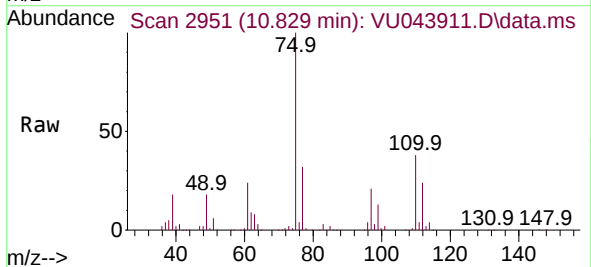
Instrument :
MSVOA_U
ClientSampleId :
VSTD020135

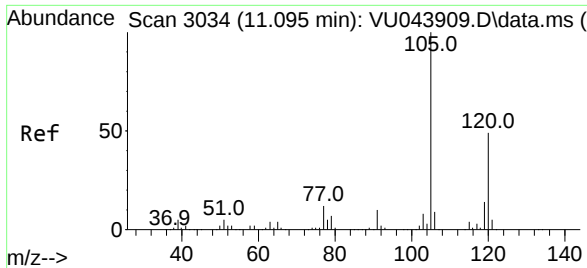
Tgt Ion:105 Resp: 1660007
Ion Ratio Lower Upper
105 100
120 27.1 21.6 32.4
77 14.7 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 18.70 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Tgt Ion: 75 Resp: 247565
Ion Ratio Lower Upper
75 100
110 38.5 29.3 43.9
77 32.2 26.3 39.5

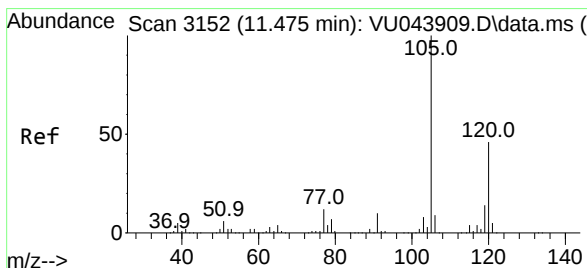
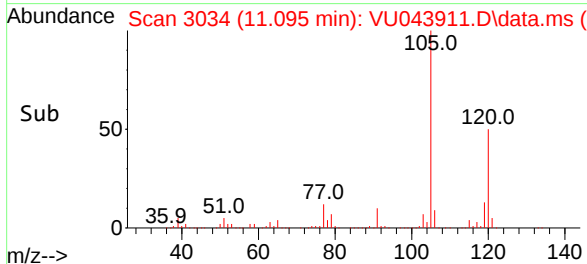
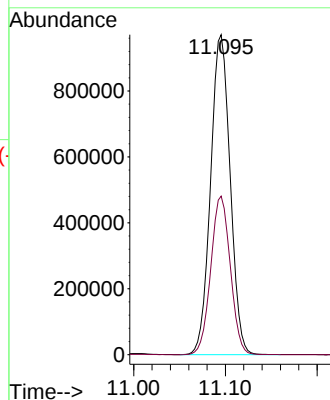
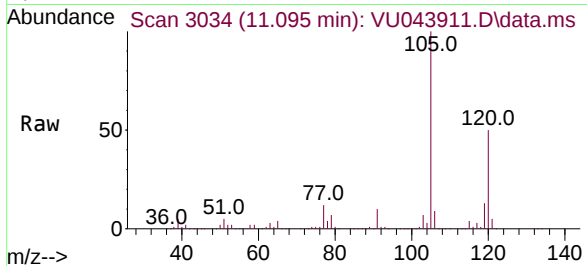




#62
1,3,5-Trimethylbenzene
Concen: 23.92 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

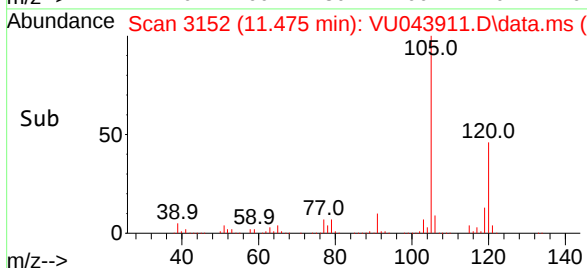
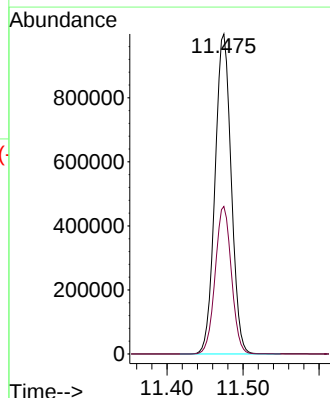
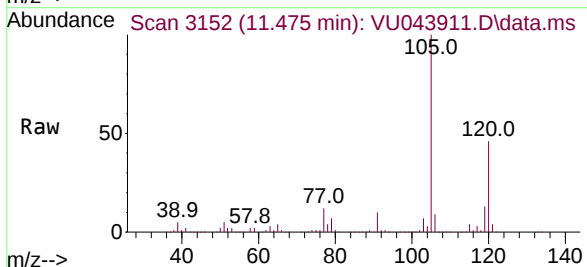
Instrument :
MSVOA_U
ClientSampleId :
VSTD020135

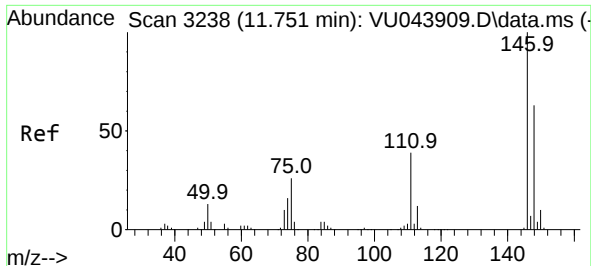
Tgt Ion:105 Resp: 1437376
Ion Ratio Lower Upper
105 100
120 49.5 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 23.93 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Tgt Ion:105 Resp: 1477902
Ion Ratio Lower Upper
105 100
120 46.2 36.3 54.5

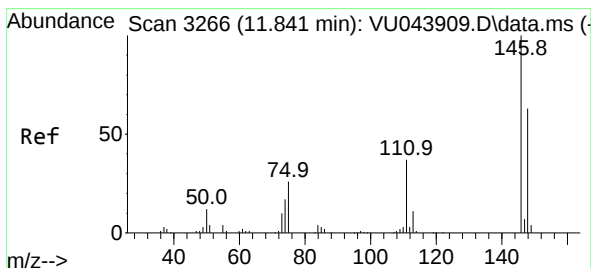
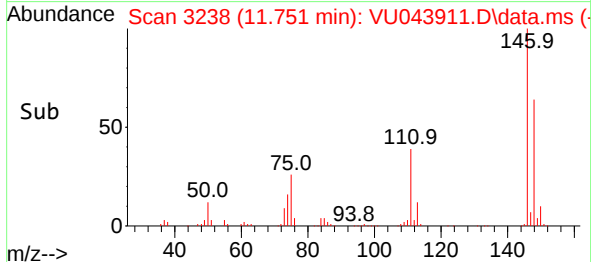
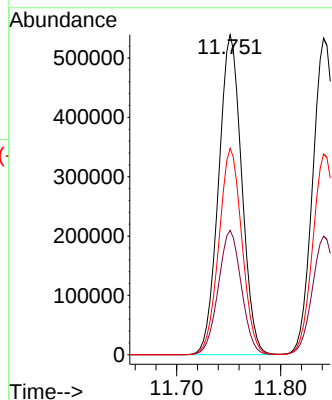
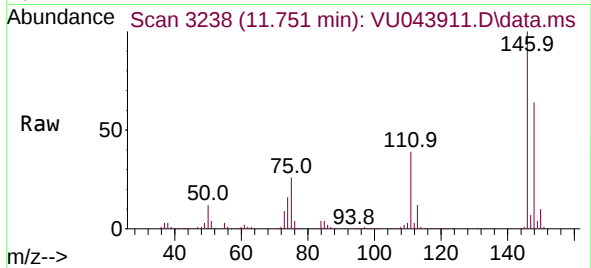




#64
1,3-Dichlorobenzene
Concen: 21.13 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

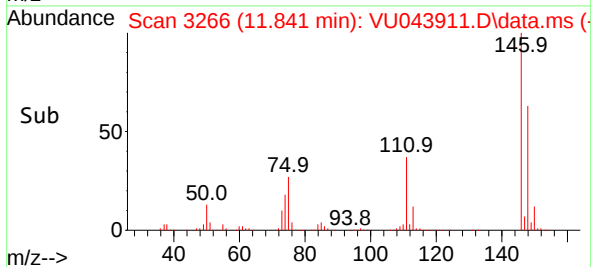
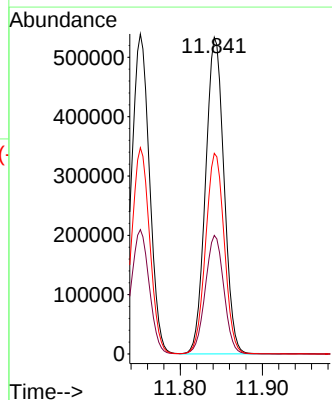
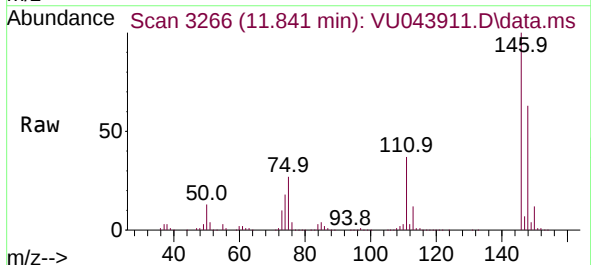
Instrument :
MSVOA_U
ClientSampleId :
VSTD020135

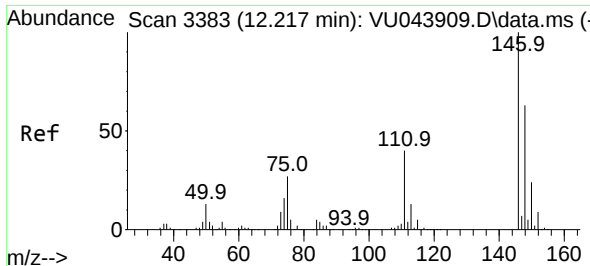
Tgt Ion:146 Resp: 834297
Ion Ratio Lower Upper
146 100
111 38.9 27.4 51.0
148 64.4 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 20.95 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Tgt Ion:146 Resp: 833682
Ion Ratio Lower Upper
146 100
111 37.4 26.2 48.8
148 63.4 44.2 82.0

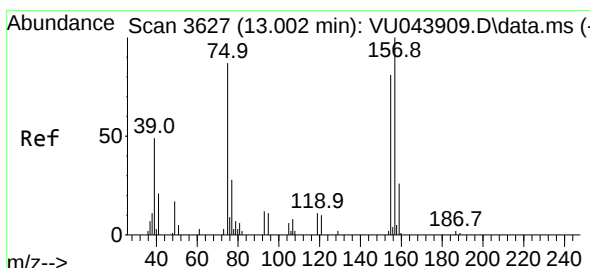
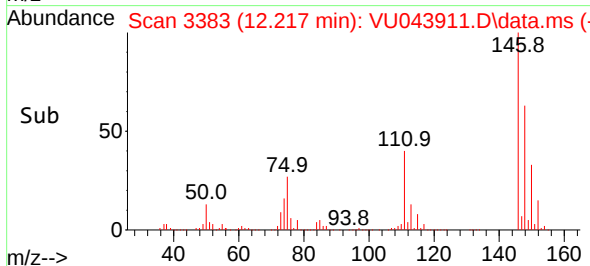
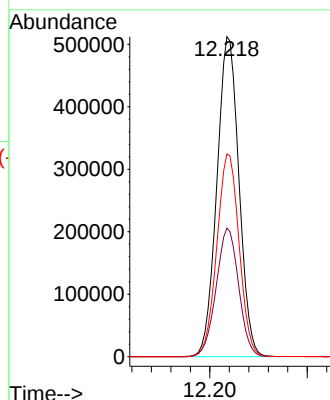
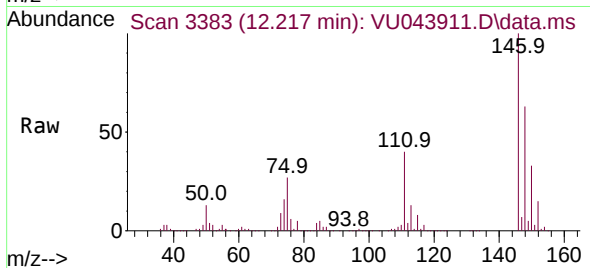




#67
1,2-Dichlorobenzene
Concen: 21.25 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

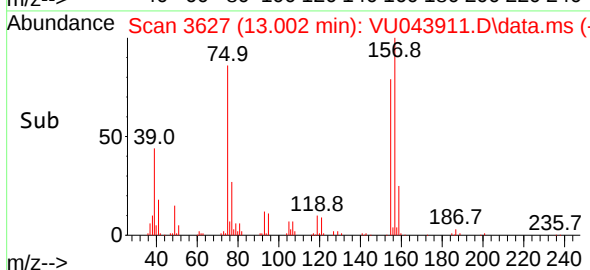
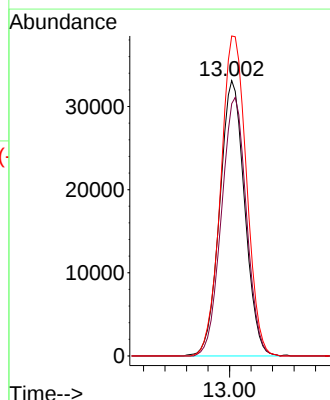
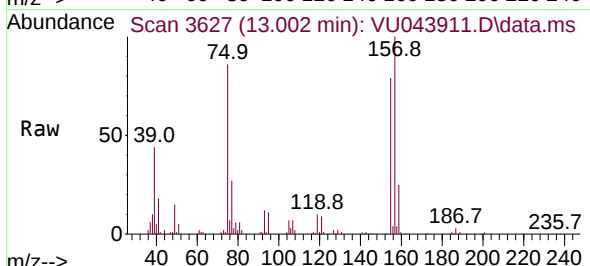
Instrument :
MSVOA_U
ClientSampleId :
VSTD020135

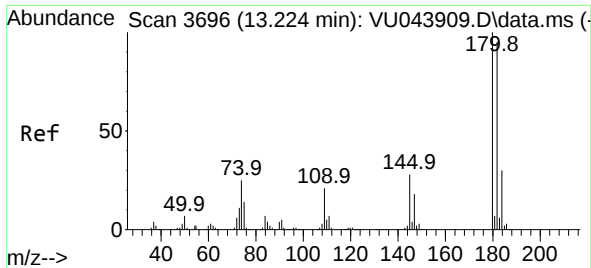
Tgt Ion:146 Resp: 805246
Ion Ratio Lower Upper
146 100
111 40.1 32.4 48.6
148 63.3 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 19.85 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Tgt Ion: 75 Resp: 53403
Ion Ratio Lower Upper
75 100
155 91.7 74.9 112.3
157 116.2 92.2 138.4

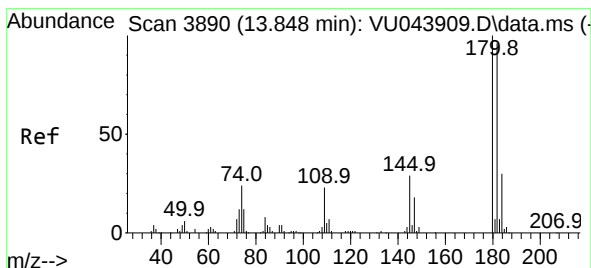
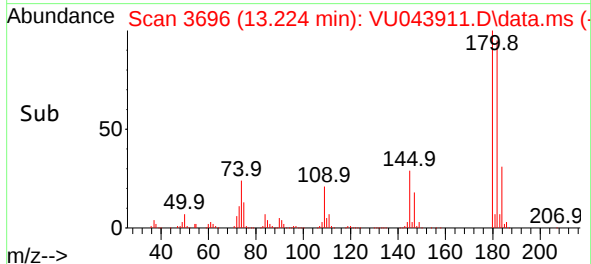
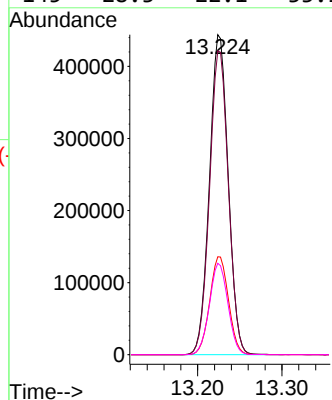
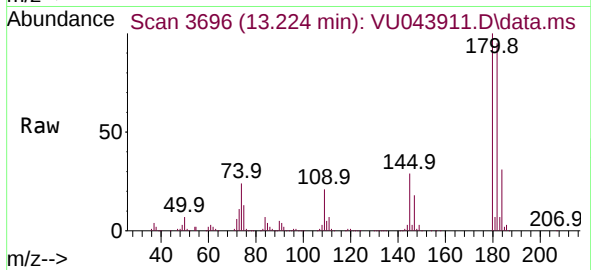




#69
1,3,5-Trichlorobenzene
Concen: 21.79 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

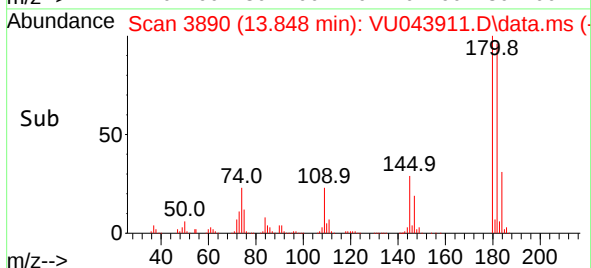
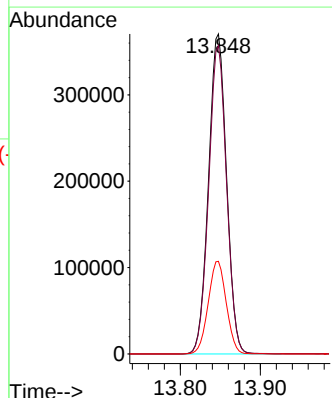
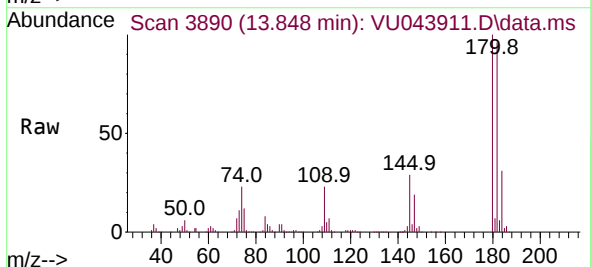
Instrument :
MSVOA_U
ClientSampleId :
VSTD020135

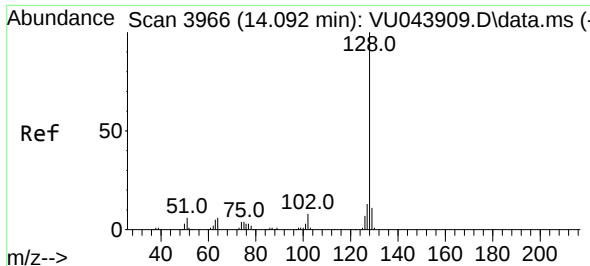
Tgt Ion:	180	Resp:	685975
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.6	115.0
184	30.7	24.4	36.6
145	28.3	22.1	33.1



#70
1,2,4-trichlorobenzene
Concen: 22.66 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Tgt Ion:	180	Resp:	580723
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.4	114.6
145	29.0	23.2	34.8

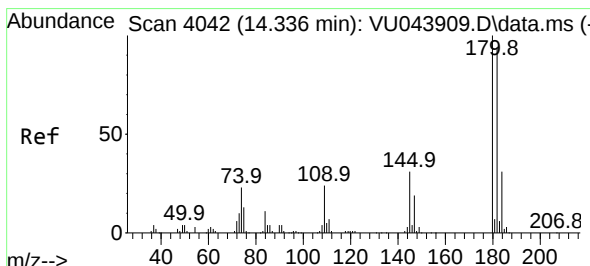
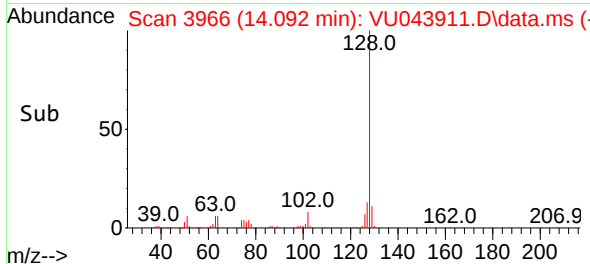
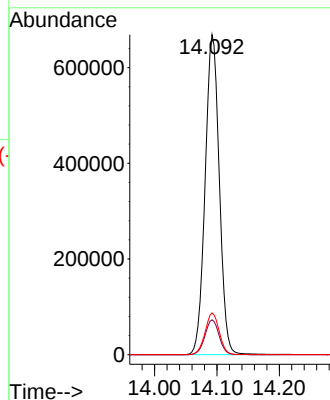
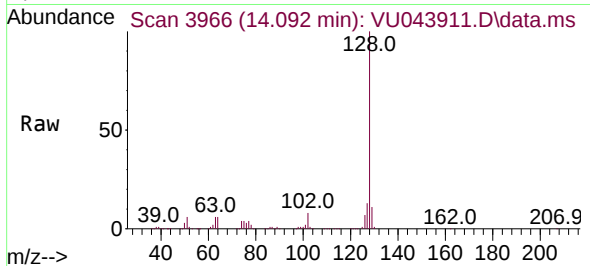




#71
Naphthalene
Concen: 23.80 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Instrument :
MSVOA_U
ClientSampleId :
VSTD020135

Tgt Ion:128 Resp: 1057669
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.0 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 22.33 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU043911.D
Acq: 24 May 2021 15:22

Tgt Ion:180 Resp: 547568
Ion Ratio Lower Upper
180 100
182 95.7 75.0 112.4
145 30.8 24.1 36.1

