

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048264.D
 Acq On : 25 Apr 2022 12:50
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV061

Quant Time: Apr 26 02:37:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:28:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	404551	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	399805	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	224784	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	178238	47.912	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.820%
7) Chloroethane-d5	1.909	69	143515	54.959	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.920%
11) 1,1-Dichloroethene-d2	2.568	63	284704	47.763	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.520%
21) 2-Butanone-d5	4.620	46	315231	99.350	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.350%
24) Chloroform-d	5.063	84	324164	48.041	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.080%
26) 1,2-Dichloroethane-d4	5.703	65	191247	47.769	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.540%
32) Benzene-d6	5.729	84	669407	53.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.180%
36) 1,2-Dichloropropane-d6	6.694	67	217319	52.131	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.260%
41) Toluene-d8	7.899	98	631793	55.277	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.560%
43) trans-1,3-Dichloroprop...	8.179	79	97563	53.039	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.080%
47) 2-Hexanone-d5	8.632	63	229552	102.064	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	344429	47.110	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.220%
66) 1,2-Dichlorobenzene-d4	12.195	152	249023	49.247	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	143902	47.075	ug/L	100
3) Chloromethane	1.520	50	169744	48.514	ug/L	99
5) Vinyl chloride	1.604	62	165080	46.820	ug/L	99
6) Bromomethane	1.848	94	90186	55.656	ug/L	99
8) Chloroethane	1.929	64	102932	51.630	ug/L	100
9) Trichlorofluoromethane	2.138	101	214508	46.684	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	143682	47.147	ug/L	100
12) 1,1-Dichloroethene	2.581	96	126950	47.723	ug/L	97
13) Acetone	2.626	43	218437	107.237	ug/L	100
14) Carbon disulfide	2.793	76	304745	47.004	ug/L	99
15) Methyl Acetate	2.948	43	193034	47.739	ug/L	100
16) Methylene chloride	3.047	84	161695	47.147	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	132083	47.796	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	456354	50.050	ug/L	99
19) 1,1-Dichloroethane	3.871	63	271789	47.032	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	162494	48.781	ug/L	97
22) 2-Butanone	4.700	43	298428	99.076	ug/L	98
23) Bromochloromethane	4.977	128	88236	47.445	ug/L	98
25) Chloroform	5.089	83	280661	47.561	ug/L	100

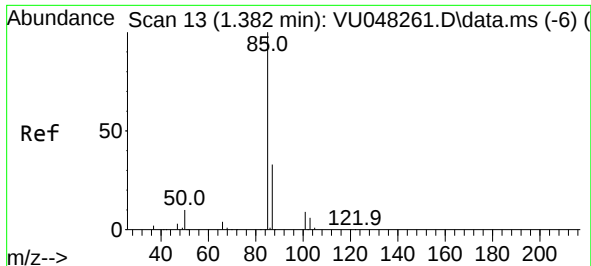
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
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 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:28:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	201245	46.755	ug/L	100
29) Cyclohexane	5.388	56	204999	54.269	ug/L	100
30) 1,1,1-Trichloroethane	5.317	97	230678	51.022	ug/L	100
31) Carbon tetrachloride	5.526	117	198003	51.383	ug/L	100
33) Benzene	5.777	78	617993	52.208	ug/L	100
34) Trichloroethene	6.543	95	149175	51.415	ug/L	99
35) Methylcyclohexane	6.764	83	221786	54.447	ug/L	100
37) 1,2-Dichloropropane	6.793	63	172917	51.343	ug/L	99
38) Bromodichloromethane	7.108	83	219150	51.526	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	246992	52.154	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	506158	99.645	ug/L	100
42) Toluene	7.970	91	675176	54.328	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	240787	52.045	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	173949	49.229	ug/L	99
46) Tetrachloroethene	8.555	164	131819	52.937	ug/L	99
48) 2-Hexanone	8.684	43	427295	100.734	ug/L	100
49) Dibromochloromethane	8.813	129	185304	47.725	ug/L	99
50) 1,2-Dibromoethane	8.925	107	176340	49.212	ug/L	98
51) Chlorobenzene	9.449	112	434674	48.523	ug/L	99
52) Ethylbenzene	9.571	91	675175	52.459	ug/L	99
53) m,p-Xylene	9.694	106	278062	54.747	ug/L	100
54) o-Xylene	10.102	106	277599	54.254	ug/L	99
55) Styrene	10.115	104	463990	53.231	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	319211	45.773	ug/L	100
59) Bromoform	10.292	173	153073	46.923	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	245404	46.798	ug/L	100
61) Isopropylbenzene	10.484	105	701119	55.784	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	368792	55.672	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	578878	56.839	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	358350	50.856	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	350823	48.769	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	357859	48.211	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	69424	49.593	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	270992	51.756	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	231939	56.072	ug/L	99
71) Naphthalene	14.089	128	784916	66.306	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	244837	57.755	ug/L	98

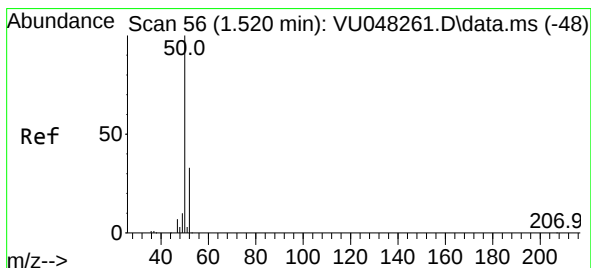
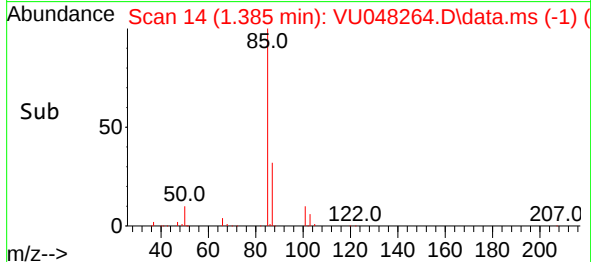
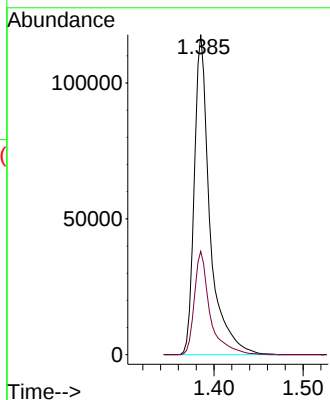
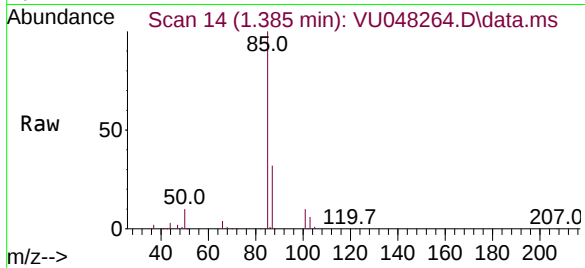
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 47.075 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

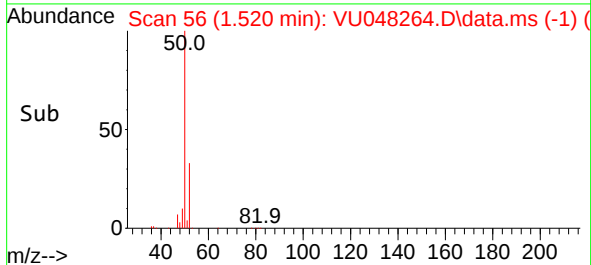
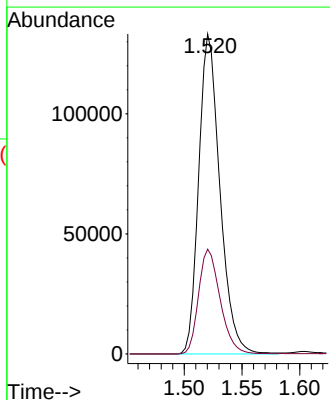
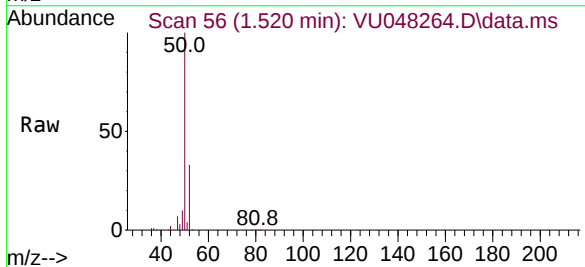
Instrument :
MSVOA_U
ClientSampleId :
VICV061

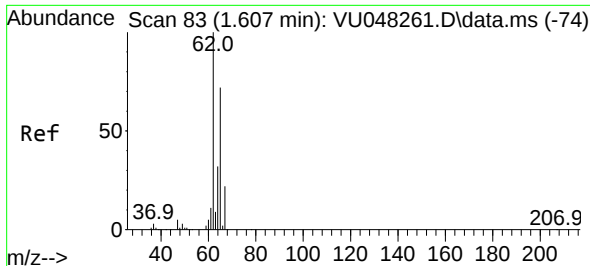
Tgt Ion: 85 Resp: 143902
Ion Ratio Lower Upper
85 100
87 32.3 26.1 39.1



#3
Chloromethane
Concen: 48.514 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

Tgt Ion: 50 Resp: 169744
Ion Ratio Lower Upper
50 100
52 32.8 23.2 43.2

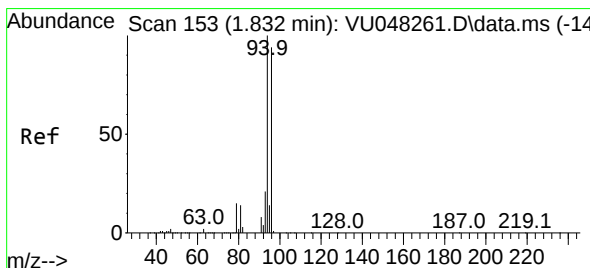
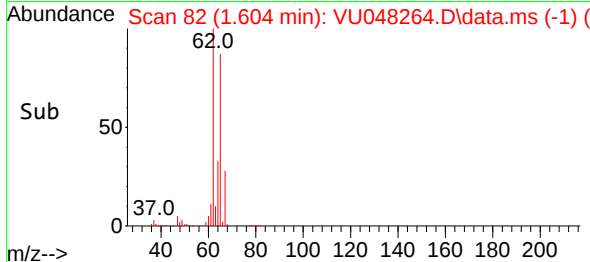
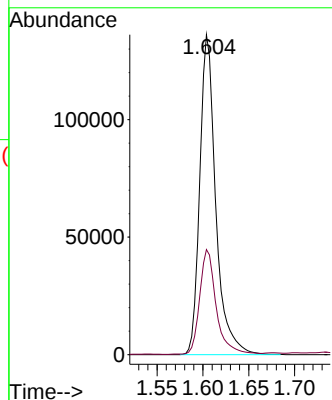
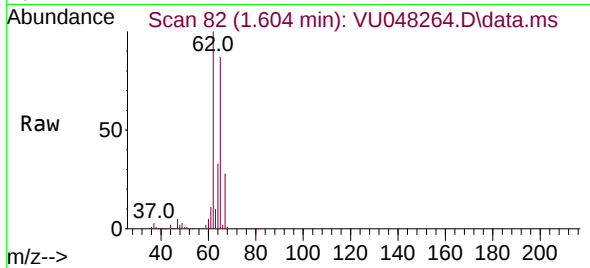




#5
 Vinyl chloride
 Concen: 46.820 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU048264.D
 Acq: 25 Apr 2022 12:50

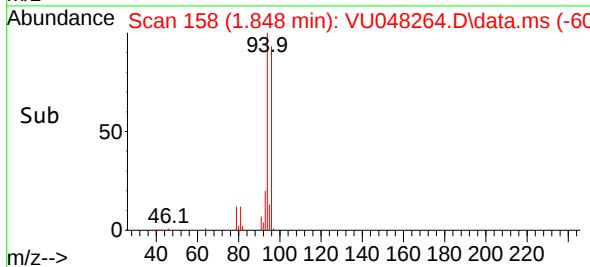
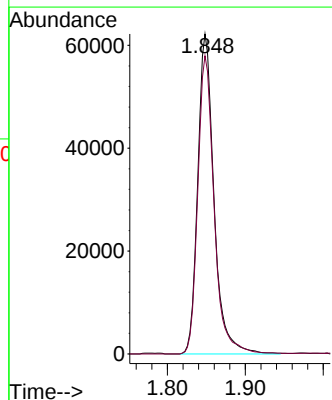
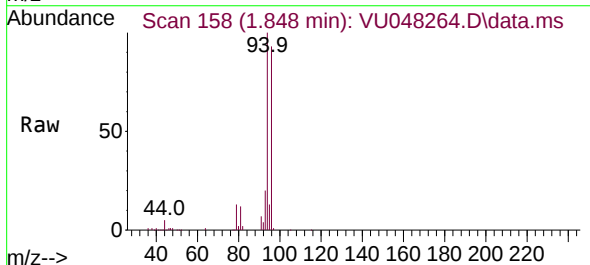
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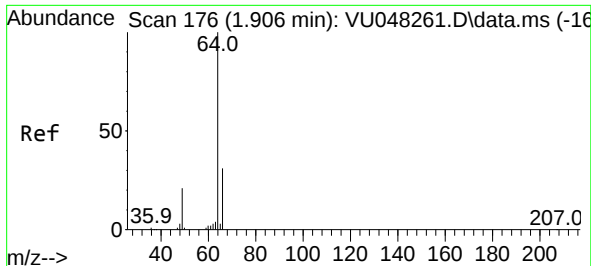
Tgt Ion: 62 Resp: 165080
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.5 41.7



#6
 Bromomethane
 Concen: 55.656 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. 0.016 min
 Lab File: VU048264.D
 Acq: 25 Apr 2022 12:50

Tgt Ion: 94 Resp: 90186
 Ion Ratio Lower Upper
 94 100
 96 93.1 65.8 122.2

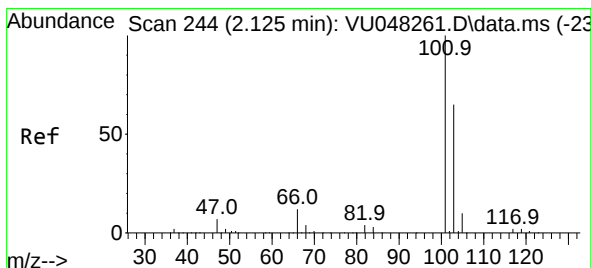
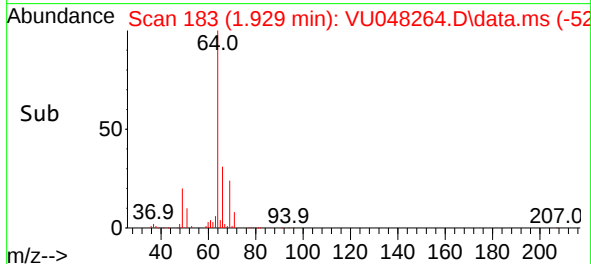
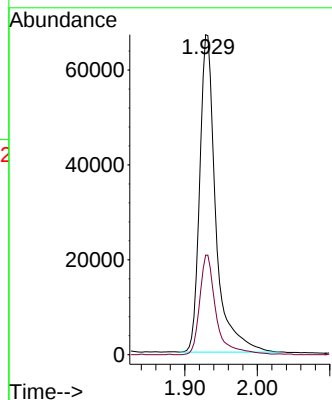
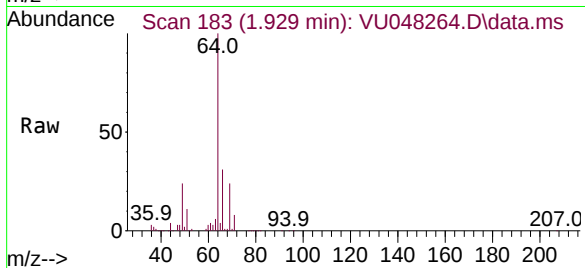




#8
Chloroethane
Concen: 51.630 ug/L
RT: 1.929 min Scan# 11
Delta R.T. 0.023 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

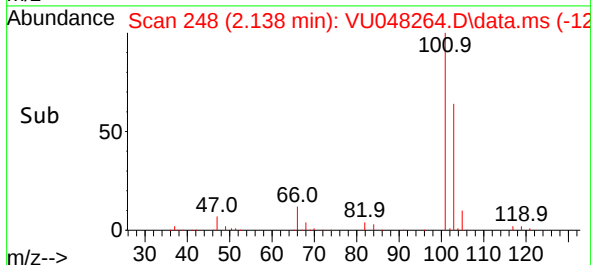
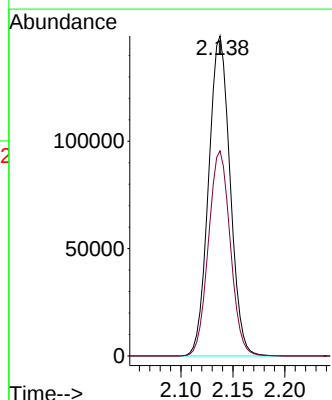
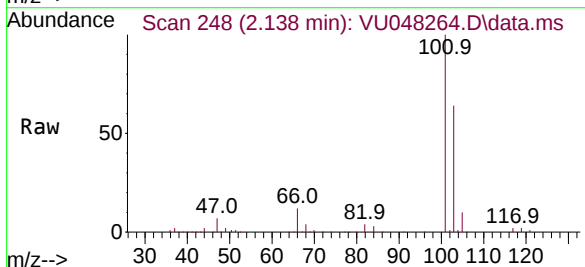
Instrument :
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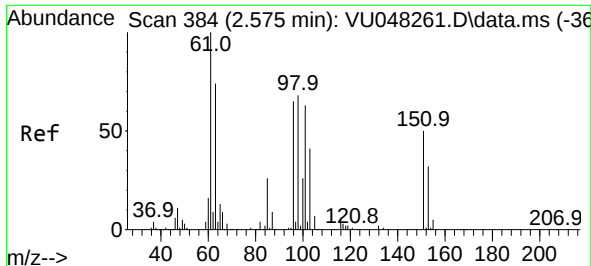
Tgt Ion: 64 Resp: 102932
Ion Ratio Lower Upper
64 100
66 31.1 21.9 40.7



#9
Trichlorofluoromethane
Concen: 46.684 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.013 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

Tgt Ion: 101 Resp: 214508
Ion Ratio Lower Upper
101 100
103 65.0 51.9 77.9

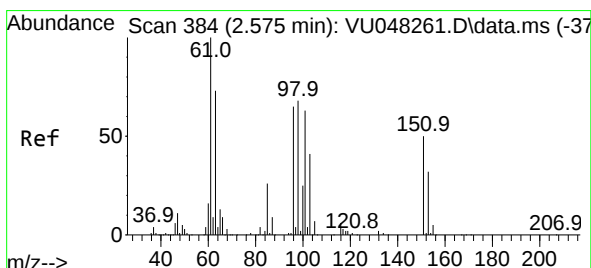
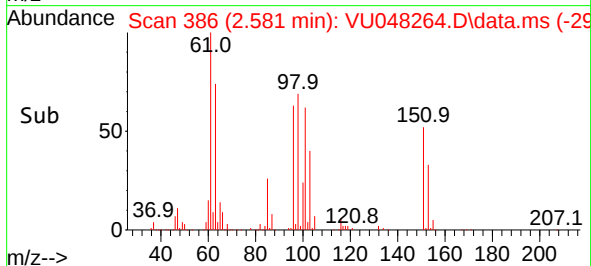
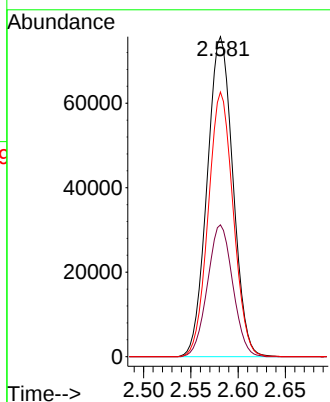
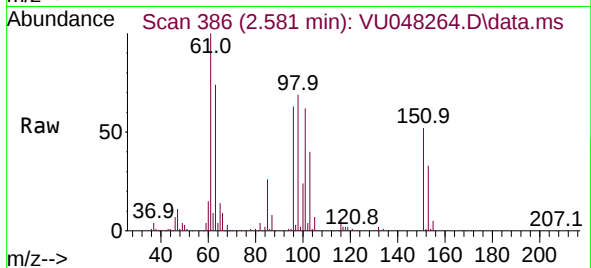




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.147 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.007 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

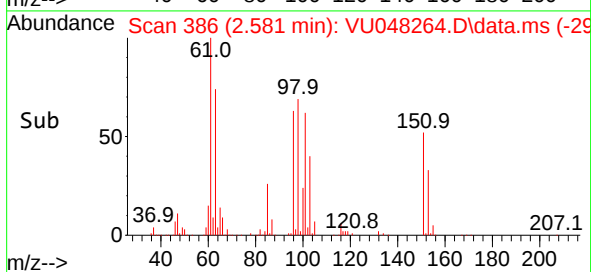
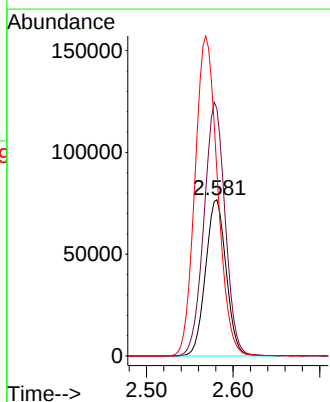
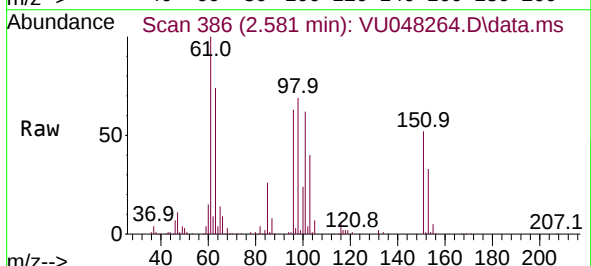
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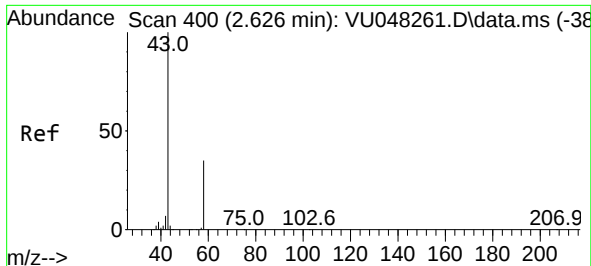
Tgt Ion:101 Resp: 143682
Ion Ratio Lower Upper
101 100
85 40.4 32.6 48.8
151 80.2 64.1 96.1



#12
1,1-Dichloroethene
Concen: 47.723 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.007 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

Tgt Ion: 96 Resp: 126950
Ion Ratio Lower Upper
96 100
61 158.5 107.9 200.3
63 118.0 80.3 149.1





#13

Acetone

Concen: 107.237 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU048264.D

Acq: 25 Apr 2022 12:50

Instrument :

MSVOA_U

ClientSampleId :

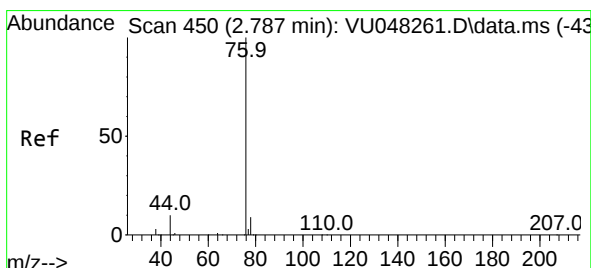
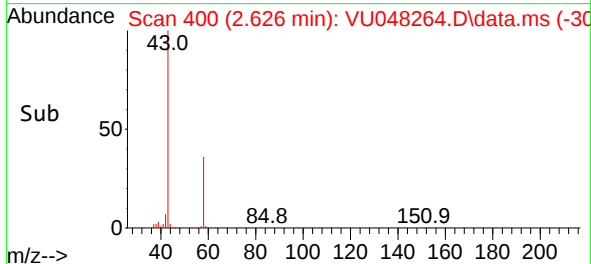
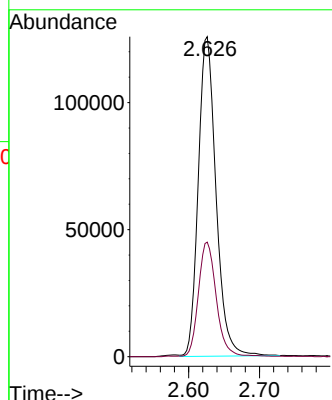
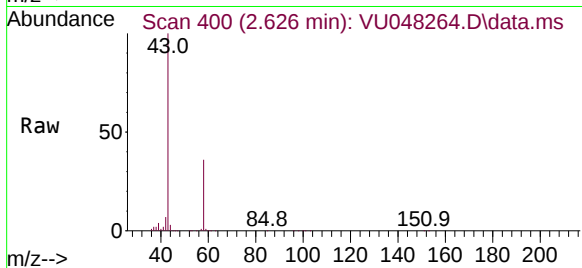
VICV061

Tgt Ion: 43 Resp: 218437

Ion Ratio Lower Upper

43 100

58 35.6 0.0 71.2



#14

Carbon disulfide

Concen: 47.004 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.007 min

Lab File: VU048264.D

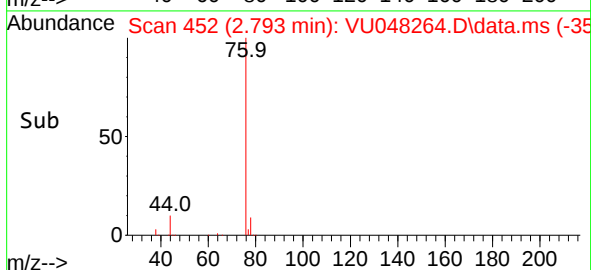
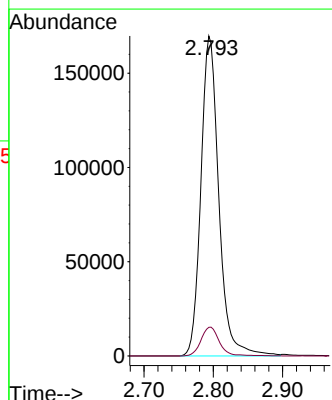
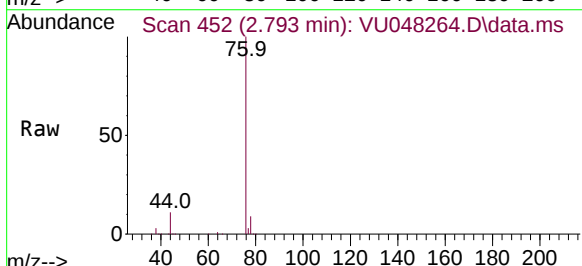
Acq: 25 Apr 2022 12:50

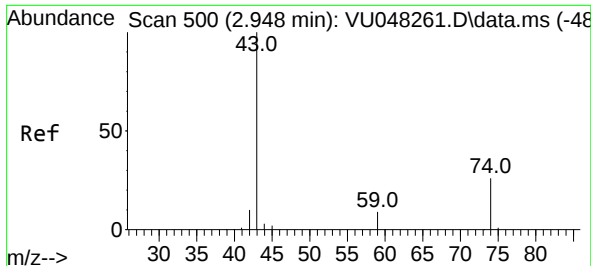
Tgt Ion: 76 Resp: 304745

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

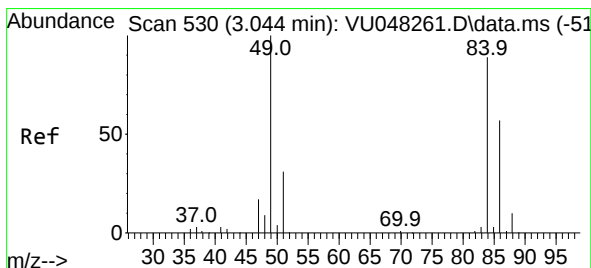
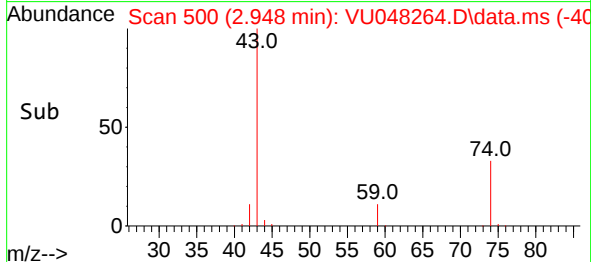
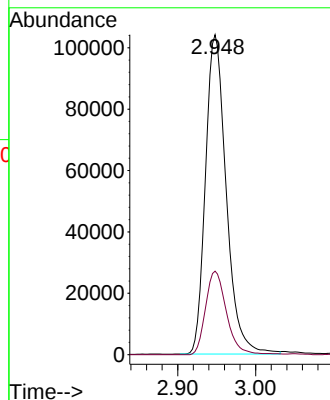
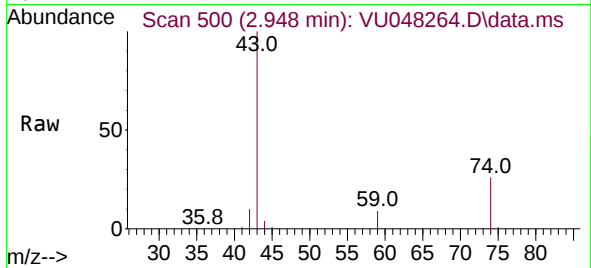




#15
Methyl Acetate
Concen: 47.739 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

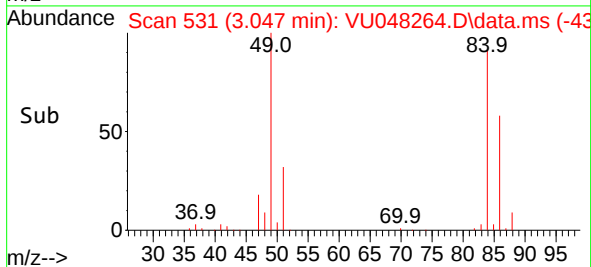
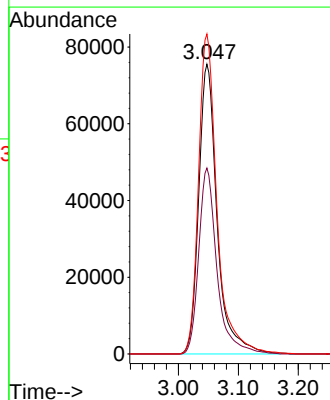
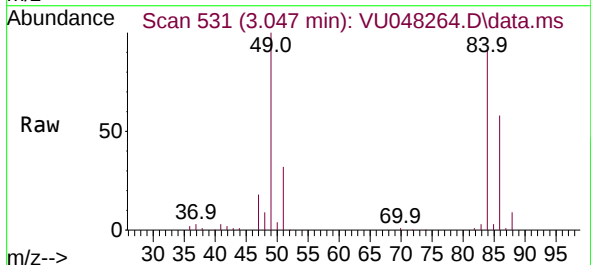
Instrument :
MSVOA_U
ClientSampleId :
VICV061

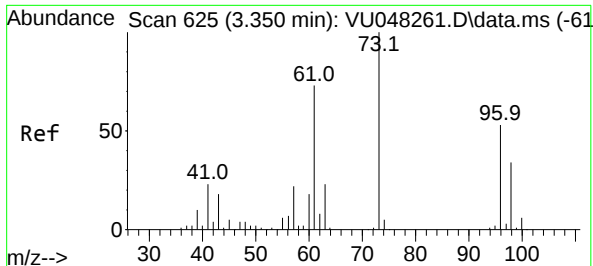
Tgt Ion: 43 Resp: 193034
Ion Ratio Lower Upper
43 100
74 26.1 21.0 31.6



#16
Methylene chloride
Concen: 47.147 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

Tgt Ion: 84 Resp: 161695
Ion Ratio Lower Upper
84 100
86 64.2 45.4 84.2
49 110.4 79.2 147.0





#17

trans-1,2-Dichloroethene

Concen: 47.796 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU048264.D

Acq: 25 Apr 2022 12:50

Instrument :

MSVOA_U

ClientSampleId :

VICV061

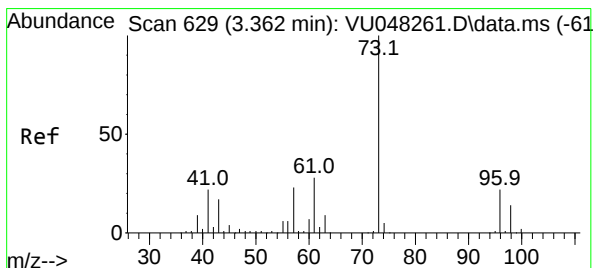
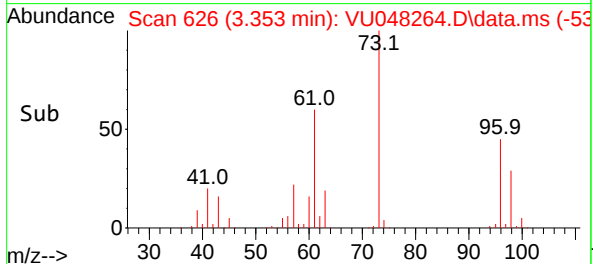
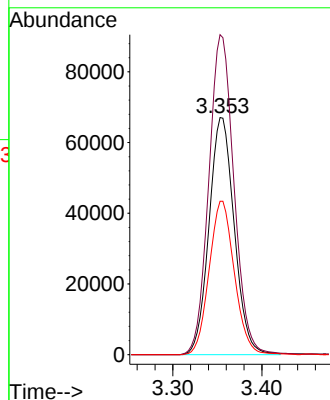
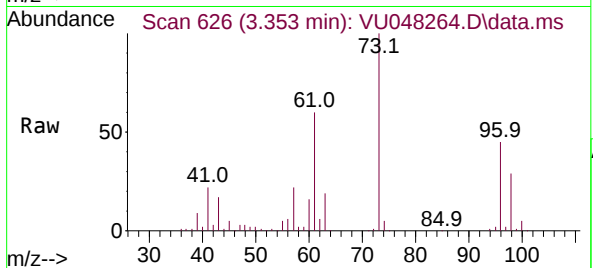
Tgt Ion: 96 Resp: 132083

Ion Ratio Lower Upper

96 100

61 134.9 95.2 176.8

98 64.7 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 50.050 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.003 min

Lab File: VU048264.D

Acq: 25 Apr 2022 12:50

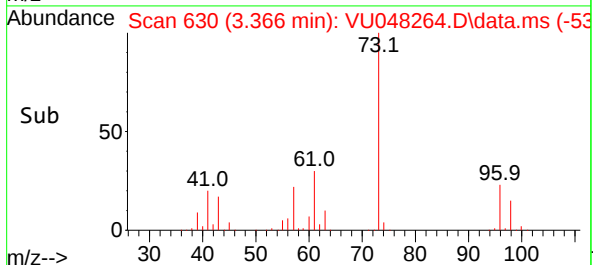
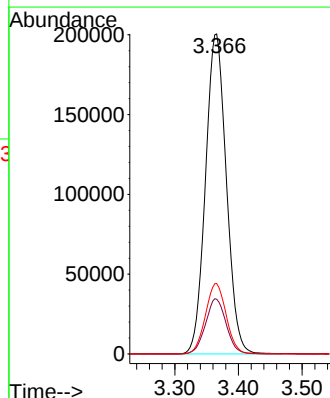
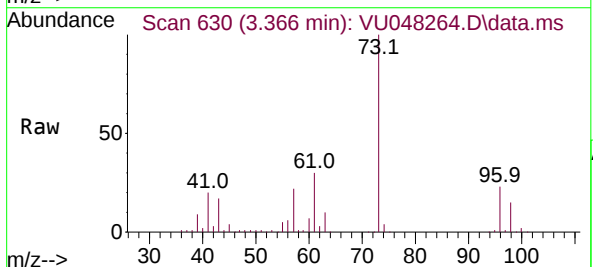
Tgt Ion: 73 Resp: 456354

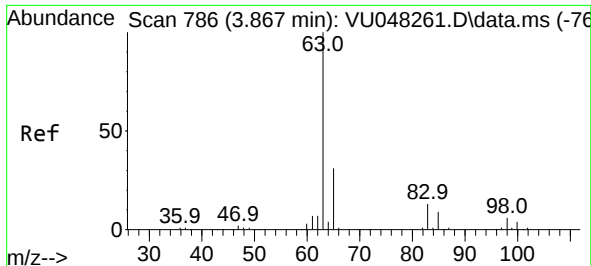
Ion Ratio Lower Upper

73 100

43 17.0 13.8 20.6

57 21.9 17.9 26.9





#19

1,1-Dichloroethane

Concen: 47.032 ug/L

RT: 3.871 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU048264.D

Acq: 25 Apr 2022 12:50

Instrument :

MSVOA_U

ClientSampleId :

VICV061

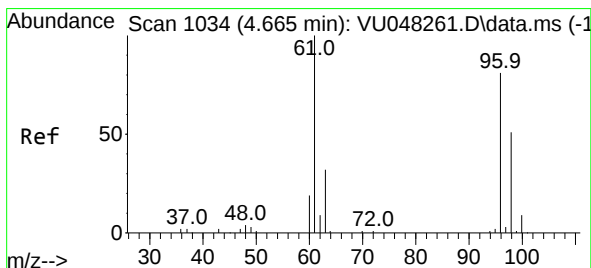
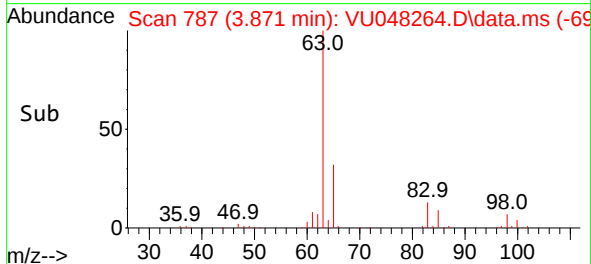
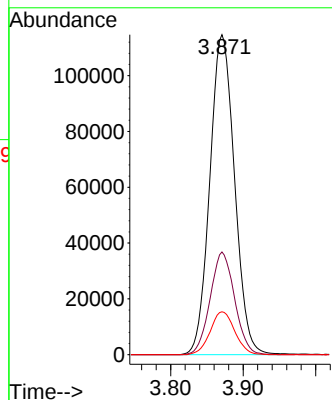
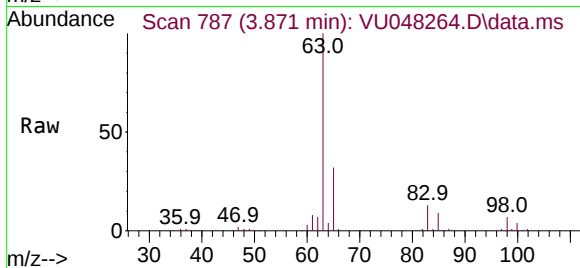
Tgt Ion: 63 Resp: 271789

Ion Ratio Lower Upper

63 100

65 32.1 22.0 40.8

83 13.4 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 48.781 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU048264.D

Acq: 25 Apr 2022 12:50

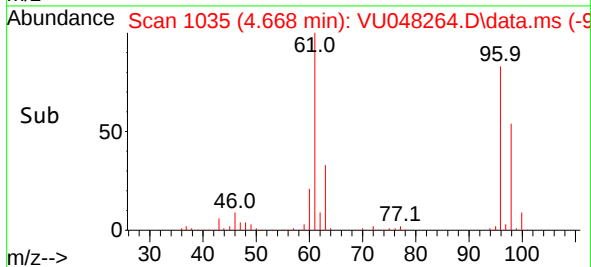
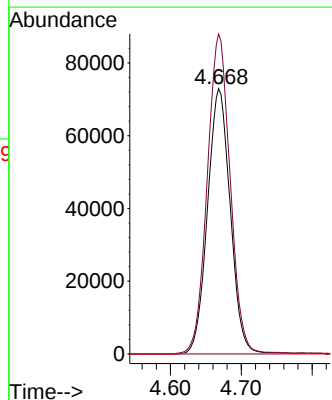
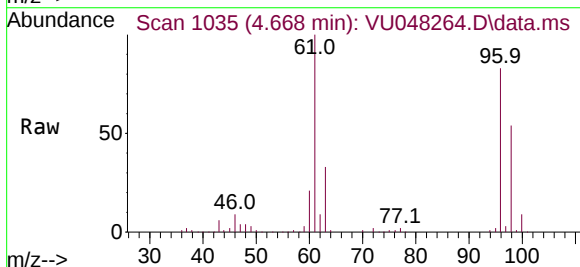
Tgt Ion: 96 Resp: 162494

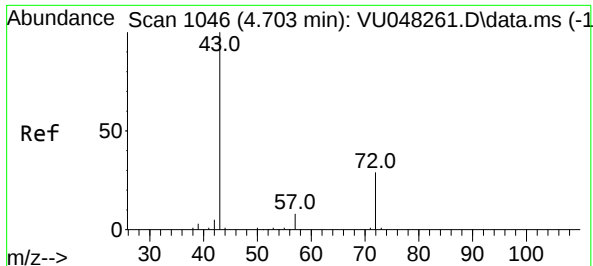
Ion Ratio Lower Upper

96 100

61 120.6 87.0 161.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 99.076 ug/L

RT: 4.700 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VU048264.D

Acq: 25 Apr 2022 12:50

Instrument :

MSVOA_U

ClientSampleId :

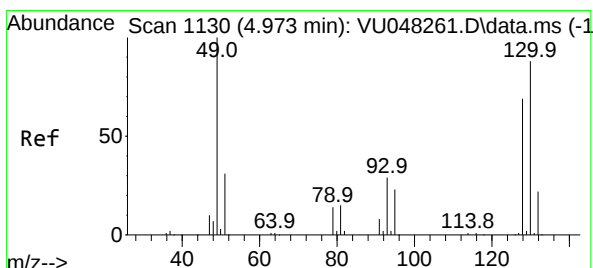
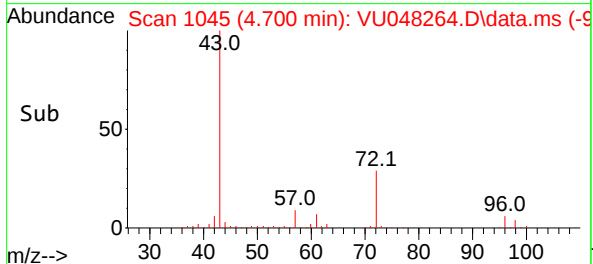
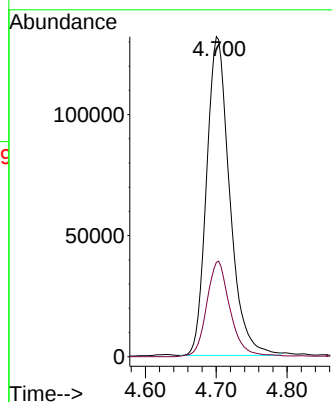
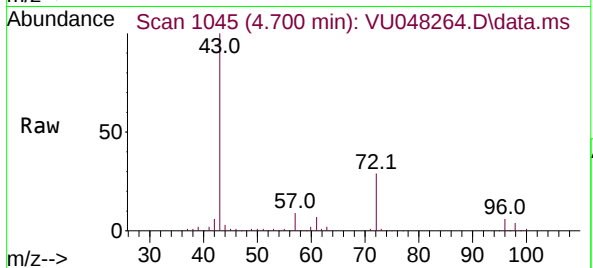
VICV061

Tgt Ion: 43 Resp: 298428

Ion Ratio Lower Upper

43 100

72 30.5 14.6 43.8



#23

Bromochloromethane

Concen: 47.445 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU048264.D

Acq: 25 Apr 2022 12:50

Tgt Ion:128 Resp: 88236

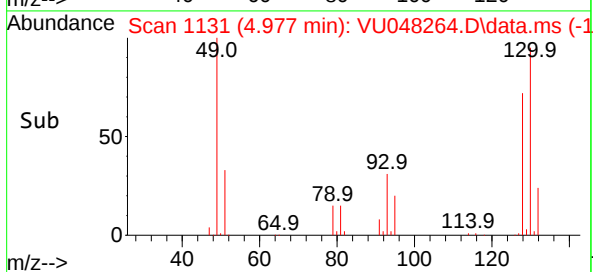
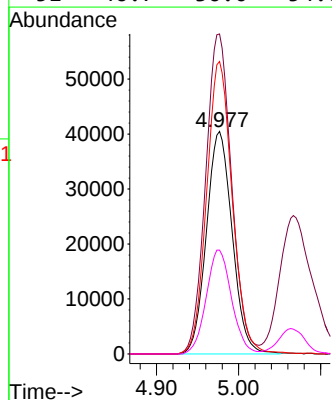
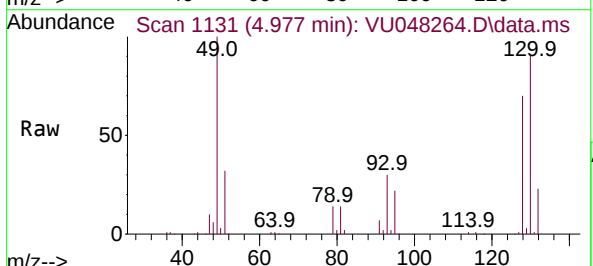
Ion Ratio Lower Upper

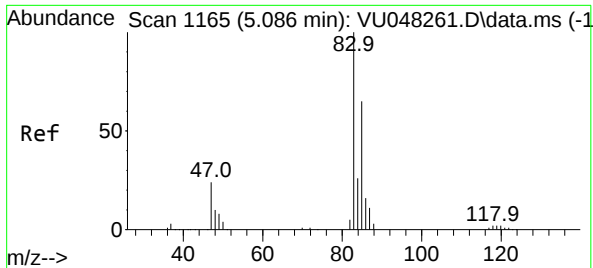
128 100

49 143.8 101.3 188.1

130 131.5 89.0 165.2

51 46.7 36.0 54.0

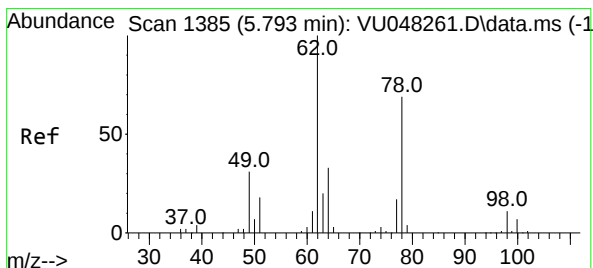
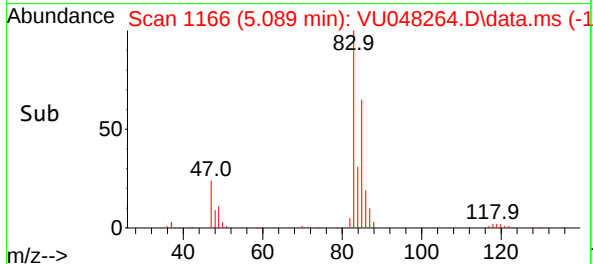
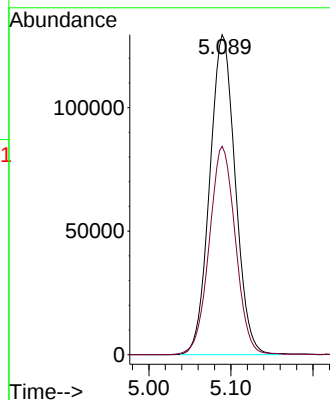
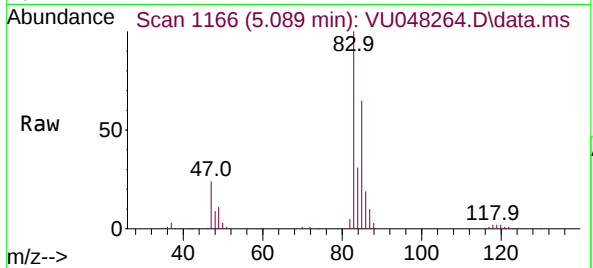




#25
Chloroform
Concen: 47.561 ug/L
RT: 5.089 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

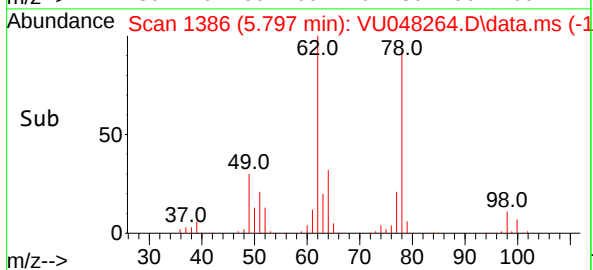
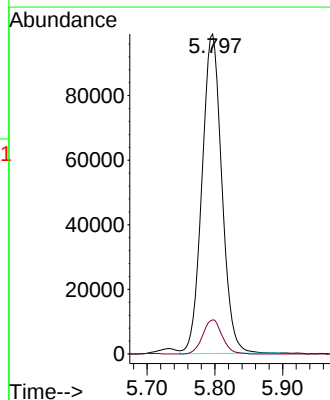
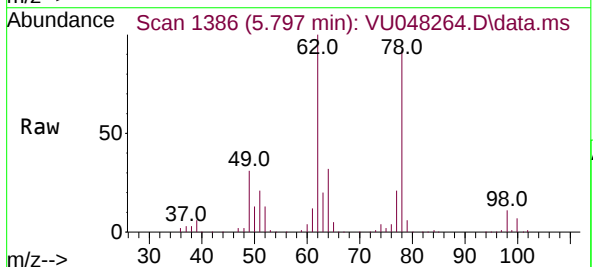
Instrument :
MSVOA_U
ClientSampleId :
VICV061

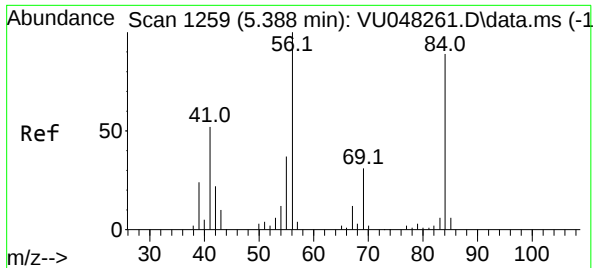
Tgt Ion: 83 Resp: 280661
Ion Ratio Lower Upper
83 100
85 65.1 45.7 84.9



#27
1,2-Dichloroethane
Concen: 46.755 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

Tgt Ion: 62 Resp: 201245
Ion Ratio Lower Upper
62 100
98 10.7 8.5 12.7





#29

Cyclohexane

Concen: 54.269 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU048264.D

Acq: 25 Apr 2022 12:50

Instrument :

MSVOA_U

ClientSampleId :

VICV061

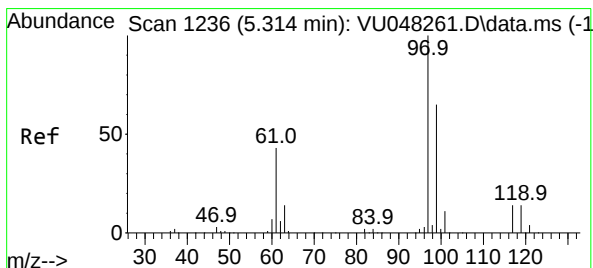
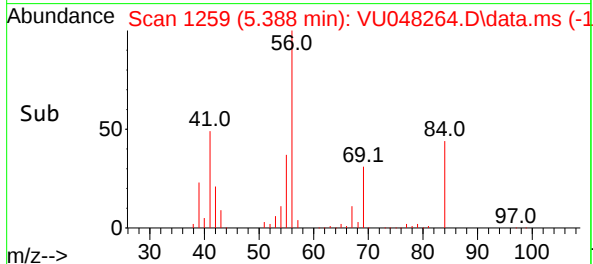
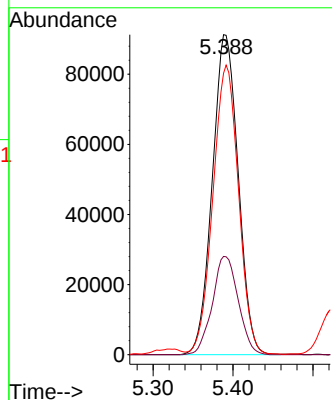
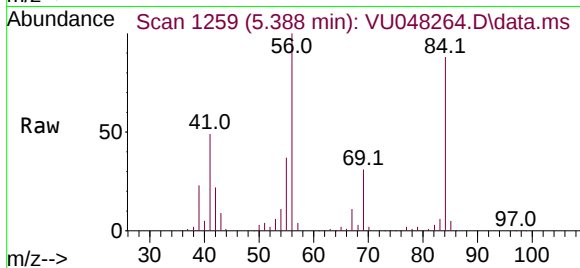
Tgt Ion: 56 Resp: 204999

Ion Ratio Lower Upper

56 100

69 30.7 24.2 36.4

84 89.8 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 51.022 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU048264.D

Acq: 25 Apr 2022 12:50

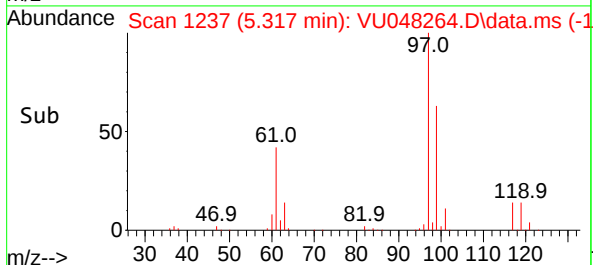
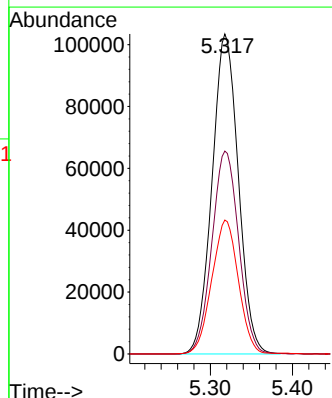
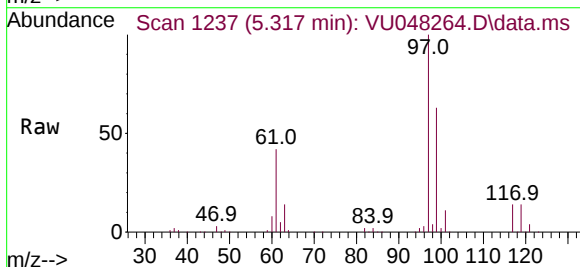
Tgt Ion: 97 Resp: 230678

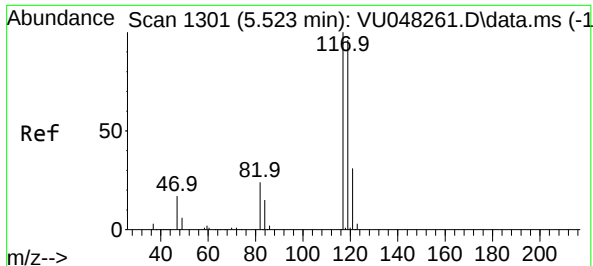
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.8

61 42.4 33.9 50.9

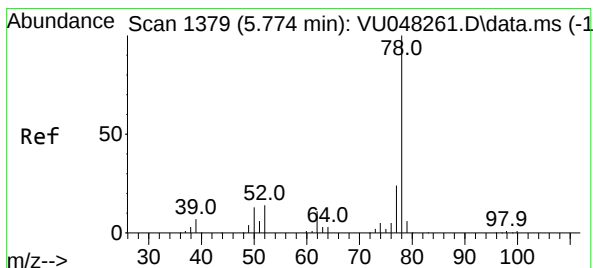
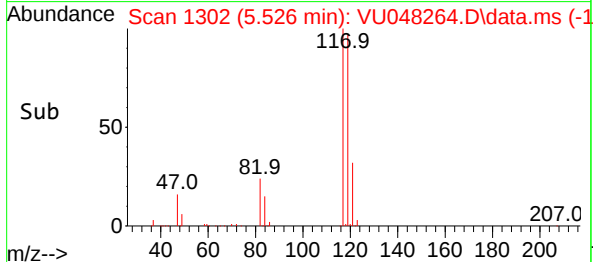
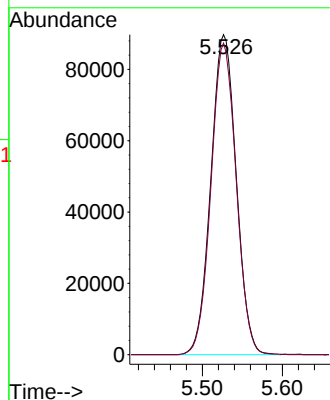
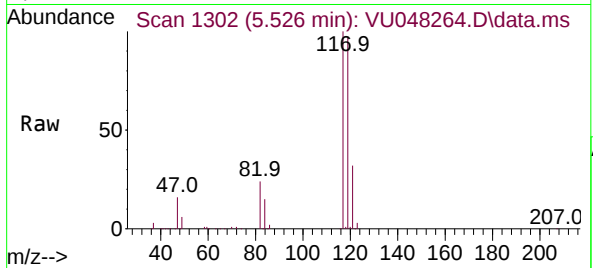




#31
Carbon tetrachloride
Concen: 51.383 ug/L
RT: 5.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

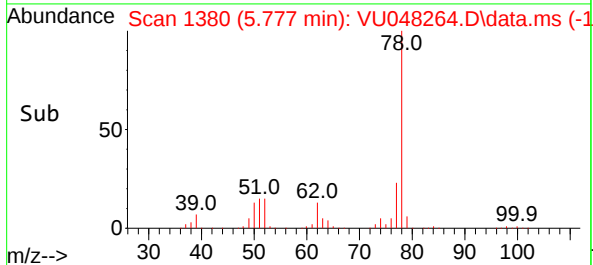
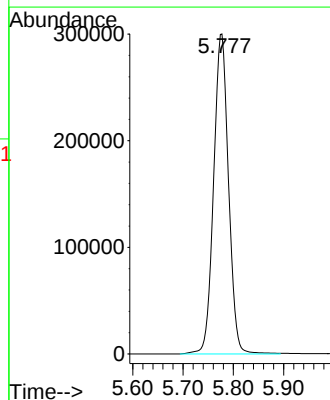
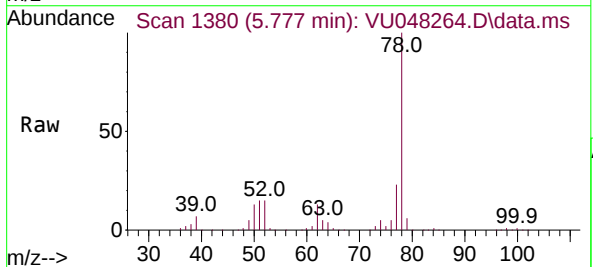
Instrument :
MSVOA_U
ClientSampleId :
VICV061

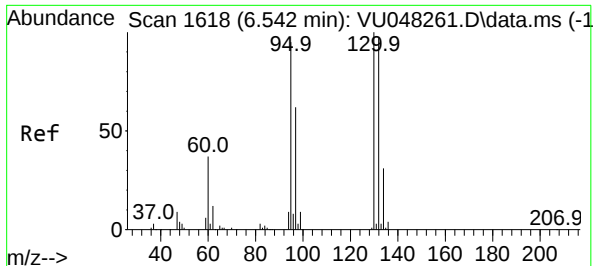
Tgt Ion:117 Resp: 198003
Ion Ratio Lower Upper
117 100
119 96.3 77.1 115.7



#33
Benzene
Concen: 52.208 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

Tgt Ion: 78 Resp: 617993





#34

Trichloroethene

Concen: 51.415 ug/L

RT: 6.543 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048264.D

Acq: 25 Apr 2022 12:50

Instrument :

MSVOA_U

ClientSampleId :

VICV061

Tgt Ion: 95 Resp: 149175

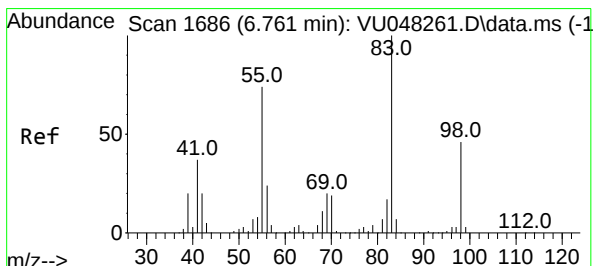
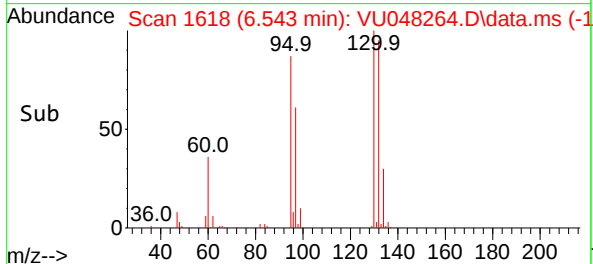
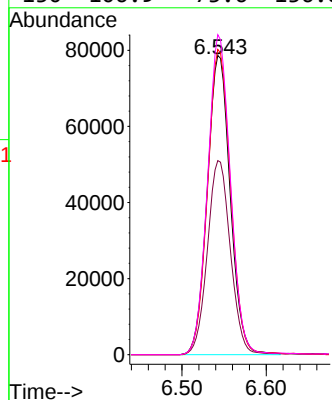
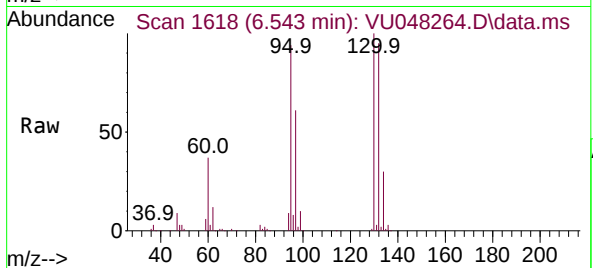
Ion Ratio Lower Upper

95 100

97 64.9 45.8 85.2

132 102.0 71.6 133.0

130 106.9 73.6 136.8



#35

Methylcyclohexane

Concen: 54.447 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. 0.003 min

Lab File: VU048264.D

Acq: 25 Apr 2022 12:50

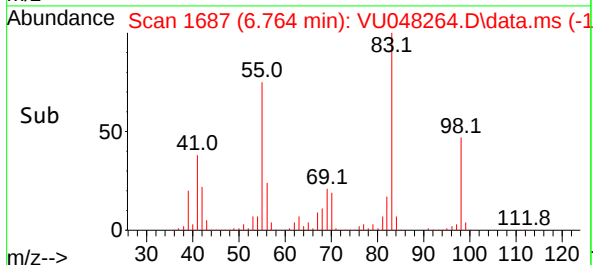
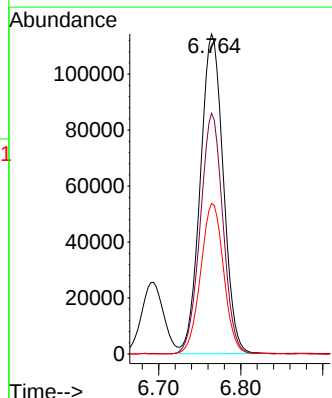
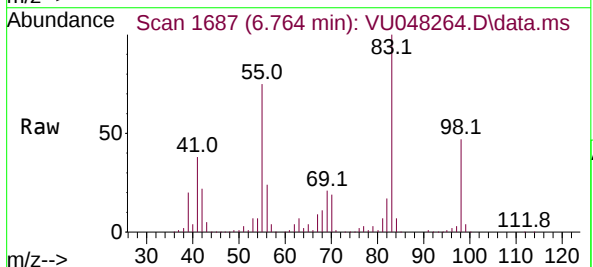
Tgt Ion: 83 Resp: 221786

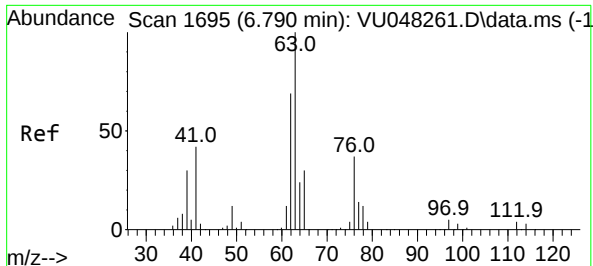
Ion Ratio Lower Upper

83 100

55 74.5 59.4 89.2

98 47.0 37.3 55.9

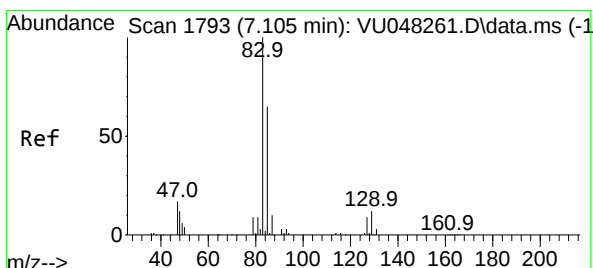
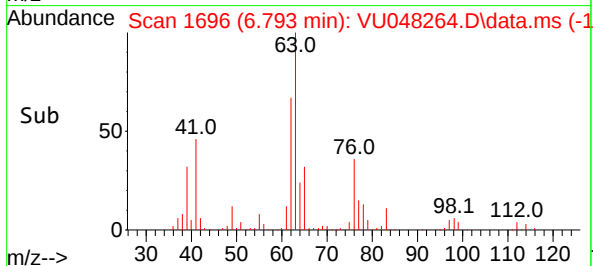
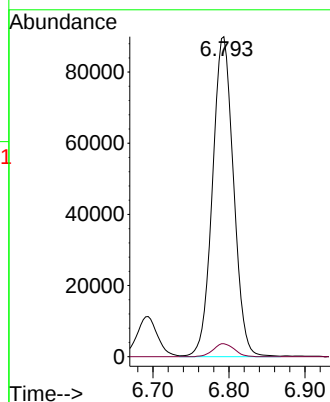
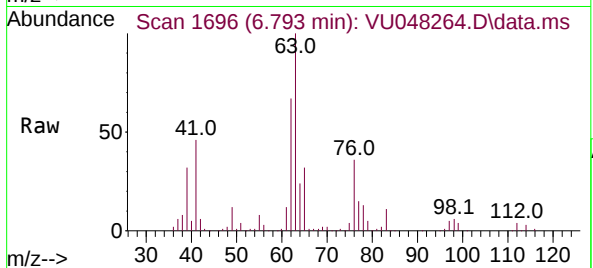




#37
1,2-Dichloropropane
Concen: 51.343 ug/L
RT: 6.793 min Scan# 1695
Delta R.T. 0.003 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

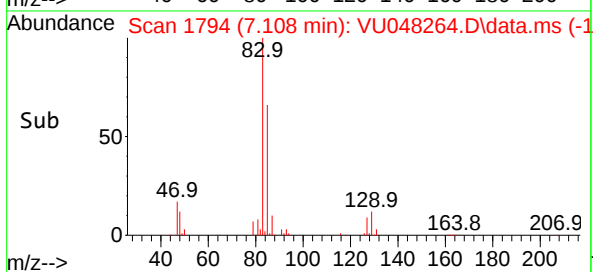
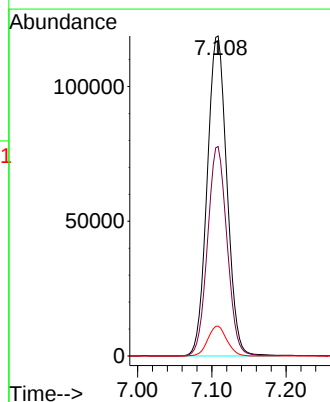
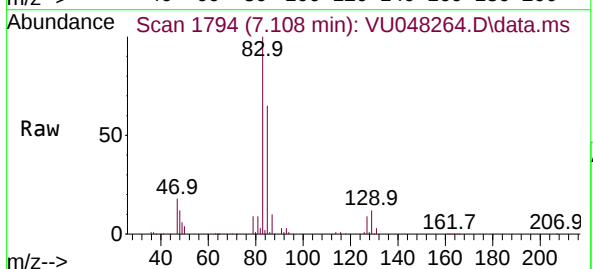
Instrument :
MSVOA_U
ClientSampleId :
VICV061

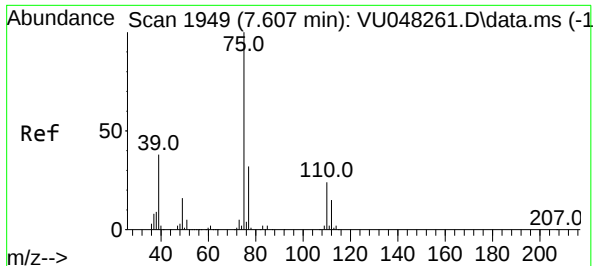
Tgt Ion: 63 Resp: 172917
Ion Ratio Lower Upper
63 100
112 4.1 3.1 4.7



#38
Bromodichloromethane
Concen: 51.526 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.003 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

Tgt Ion: 83 Resp: 219150
Ion Ratio Lower Upper
83 100
85 65.4 45.3 84.1
127 9.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 52.154 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU048264.D

Acq: 25 Apr 2022 12:50

Instrument :

MSVOA_U

ClientSampleId :

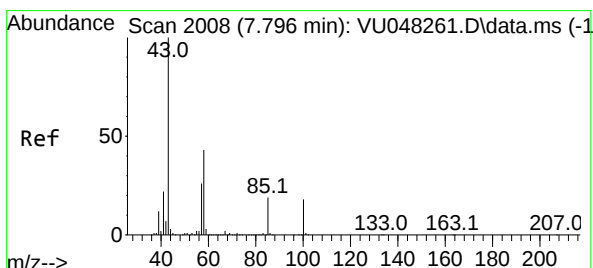
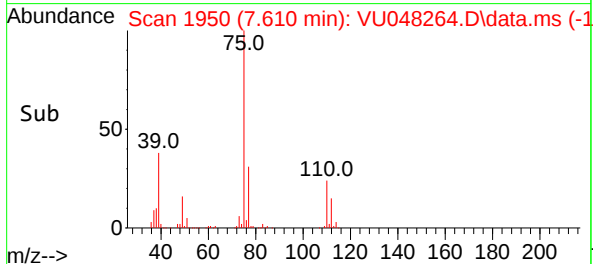
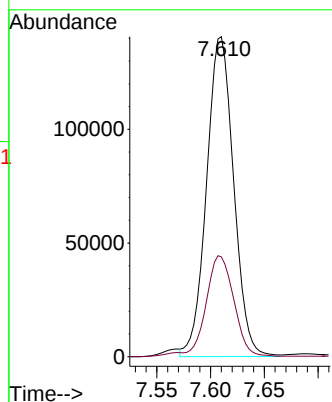
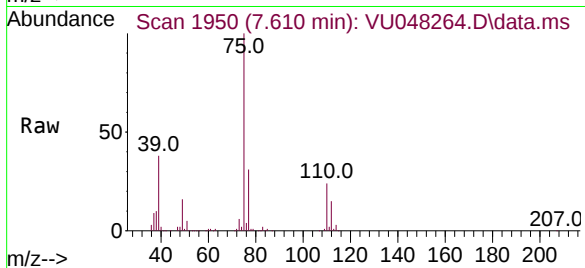
VICV061

Tgt Ion: 75 Resp: 246992

Ion Ratio Lower Upper

75 100

77 31.2 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 99.645 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.006 min

Lab File: VU048264.D

Acq: 25 Apr 2022 12:50

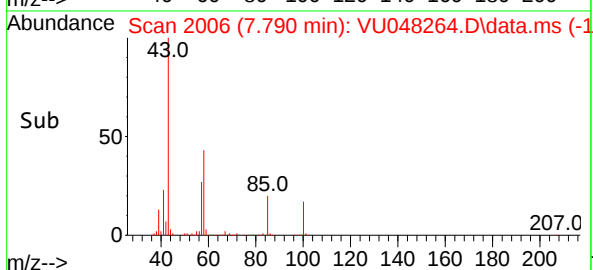
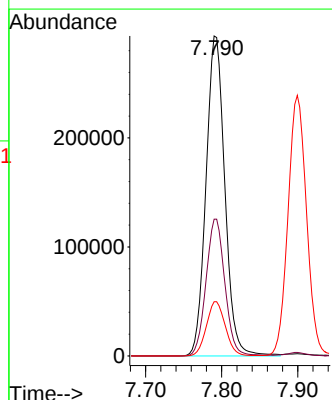
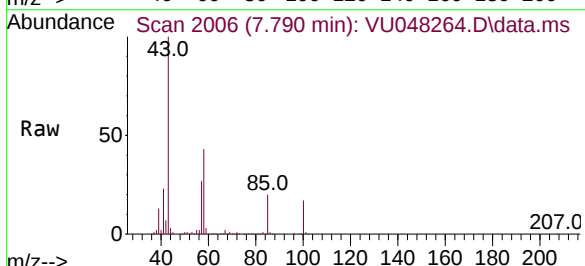
Tgt Ion: 43 Resp: 506158

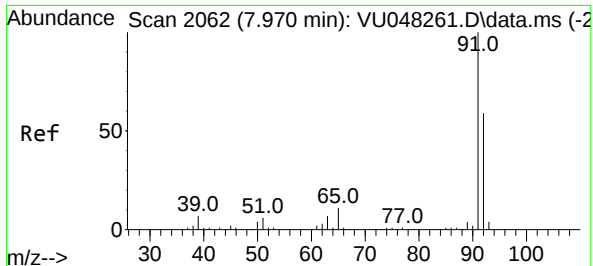
Ion Ratio Lower Upper

43 100

58 42.7 34.4 51.6

100 17.1 13.6 20.4





#42

Toluene

Concen: 54.328 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048264.D

Acq: 25 Apr 2022 12:50

Instrument :

MSVOA_U

ClientSampleId :

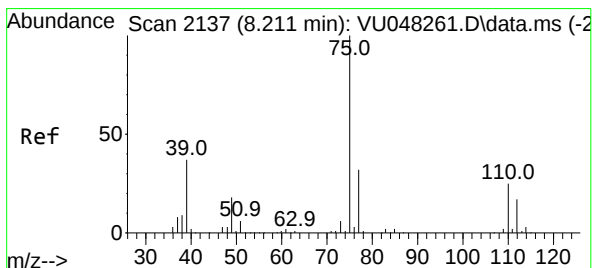
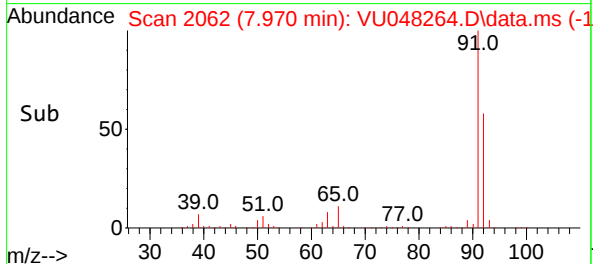
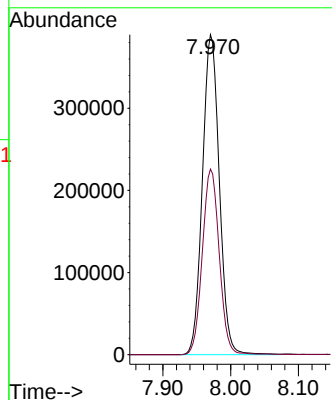
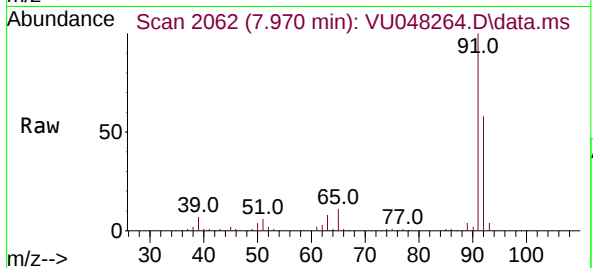
VICV061

Tgt Ion: 91 Resp: 675176

Ion Ratio Lower Upper

91 100

92 58.0 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 52.045 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU048264.D

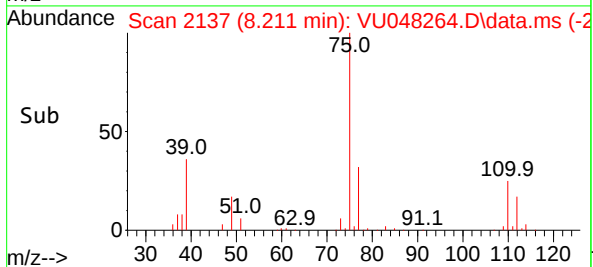
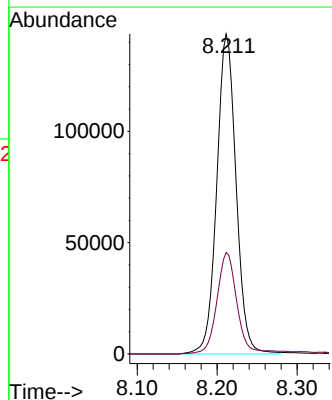
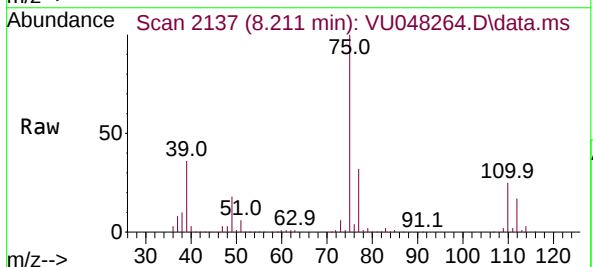
Acq: 25 Apr 2022 12:50

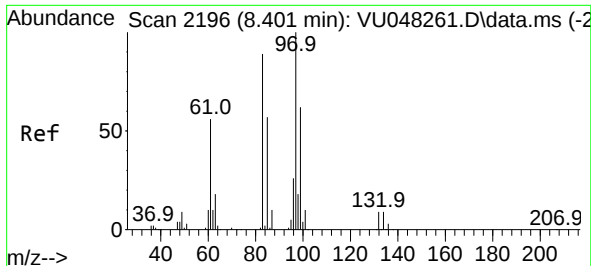
Tgt Ion: 75 Resp: 240787

Ion Ratio Lower Upper

75 100

77 31.7 22.1 41.1

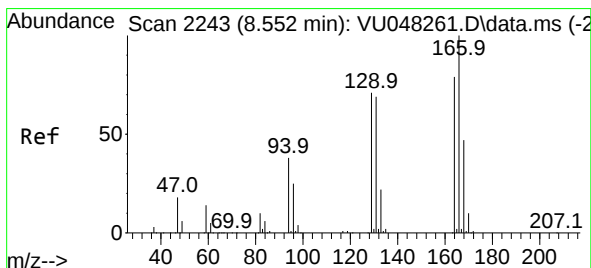
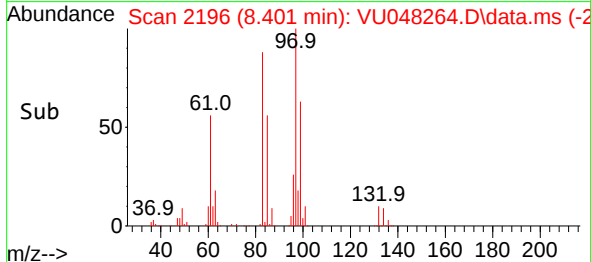
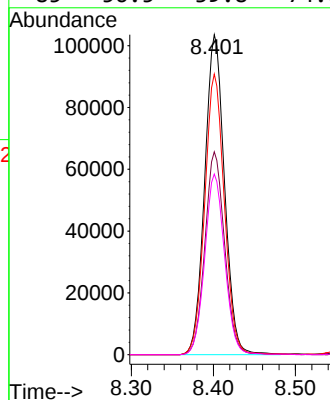
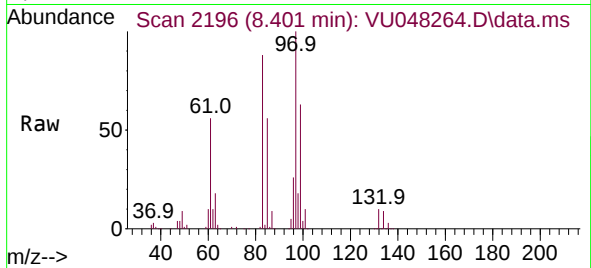




#45
1,1,2-Trichloroethane
Concen: 49.229 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

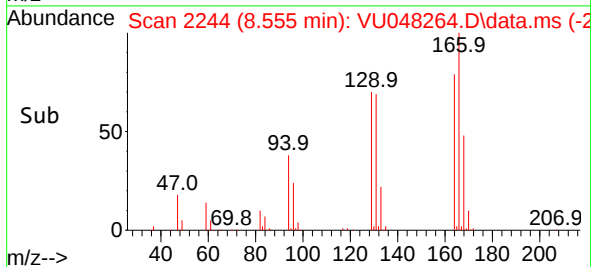
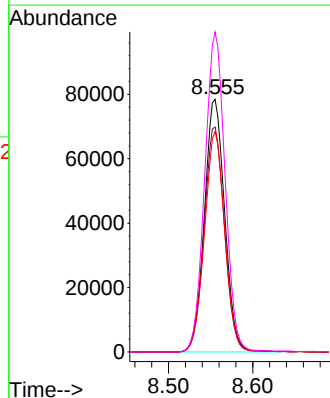
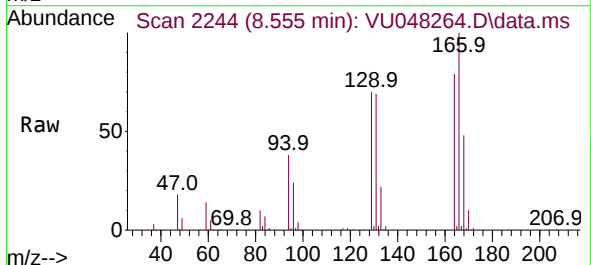
Instrument :
MSVOA_U
ClientSampleId :
VICV061

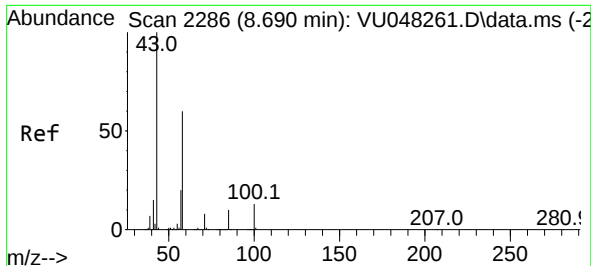
Tgt Ion: 97	Resp: 173949
Ion Ratio	Lower Upper
97 100	
99 63.4	43.7 81.1
83 87.7	62.6 116.2
85 56.5	39.8 74.0



#46
Tetrachloroethene
Concen: 52.937 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

Tgt	Ion:164	Resp:	131819
Ion	Ratio	Lower	Upper
164	100		
129	89.0	63.3	117.7
131	87.2	61.2	113.6
166	126.6	88.9	165.1



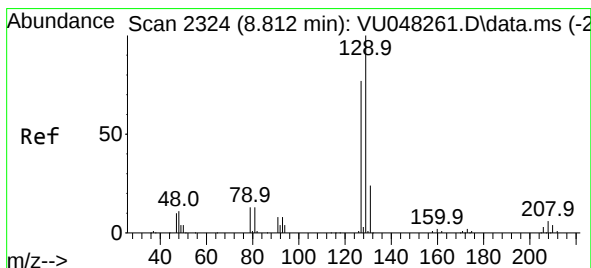
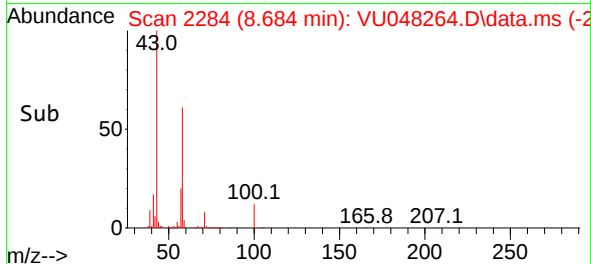
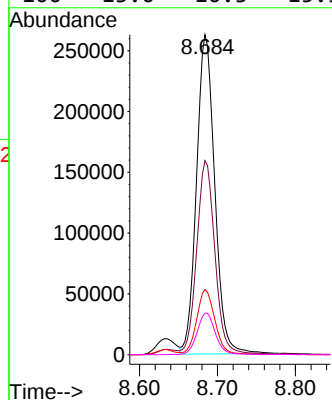
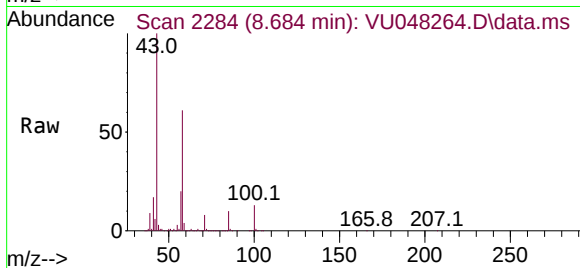


#48
2-Hexanone
Concen: 100.734 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

Instrument :
MSVOA_U
ClientSampleId :
VICV061

Tgt Ion: 43 Resp: 427295

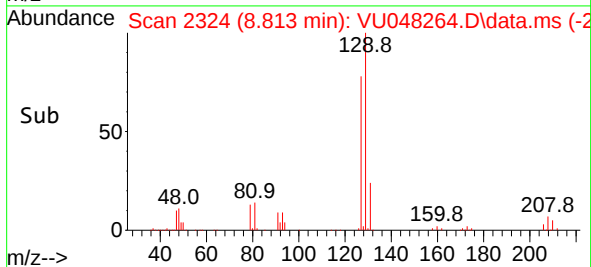
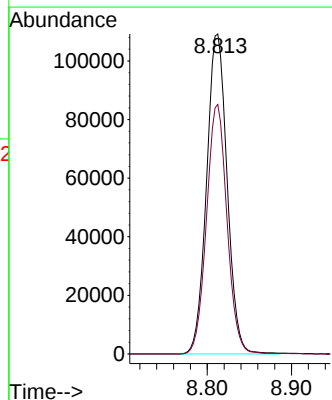
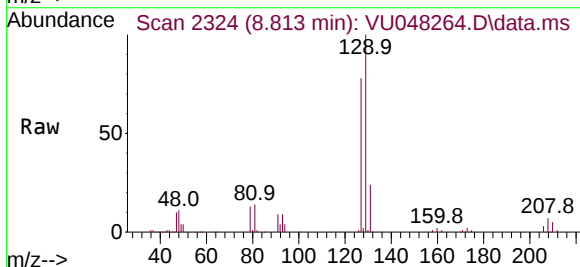
Ion	Ratio	Lower	Upper
43	100		
58	60.4	48.1	72.1
57	20.4	16.2	24.4
100	13.0	10.3	15.5

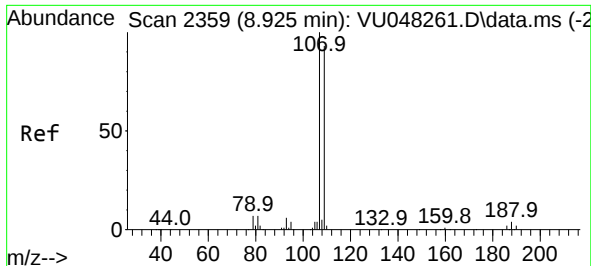


#49
Dibromochloromethane
Concen: 47.725 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

Tgt Ion: 129 Resp: 185304

Ion	Ratio	Lower	Upper
129	100		
127	77.9	53.8	99.8

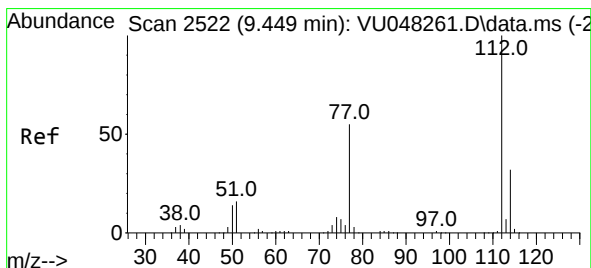
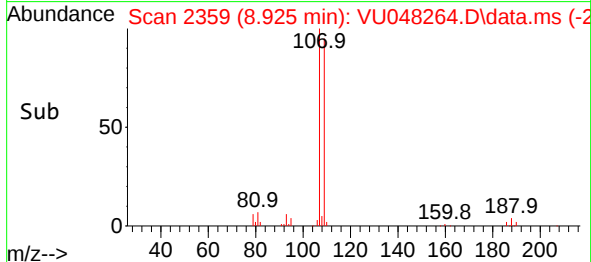
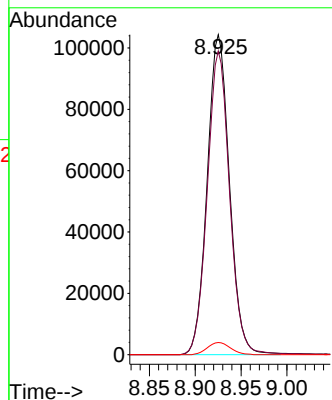
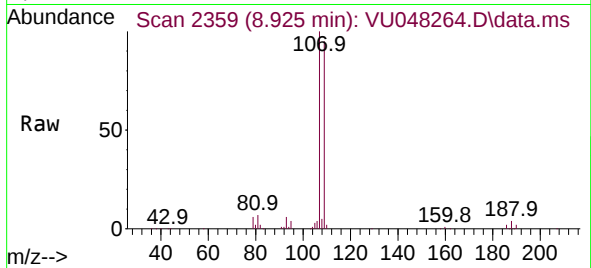




#50
 1,2-Dibromoethane
 Concen: 49.212 ug/L
 RT: 8.925 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU048264.D
 Acq: 25 Apr 2022 12:50

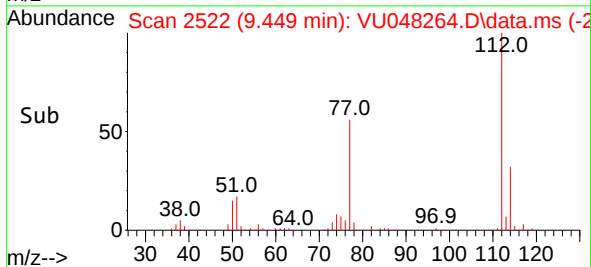
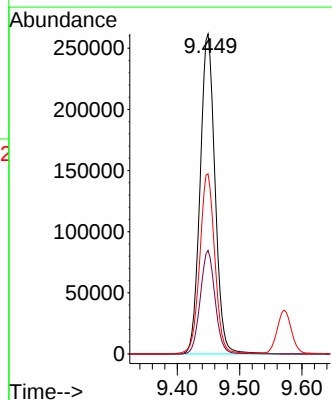
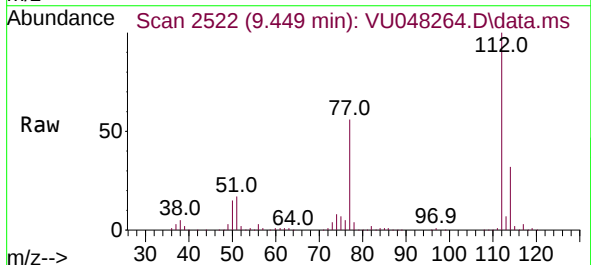
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV061

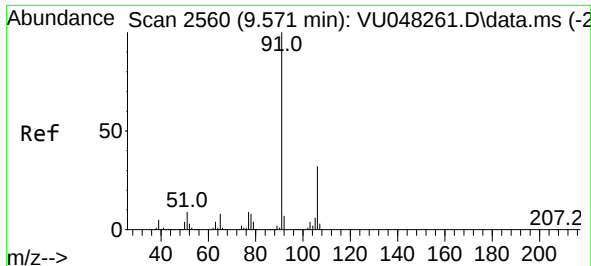
Tgt Ion:107 Resp: 176340
 Ion Ratio Lower Upper
 107 100
 109 94.9 65.0 120.8
 188 3.8 3.1 4.7



#51
 Chlorobenzene
 Concen: 48.523 ug/L
 RT: 9.449 min Scan# 2522
 Delta R.T. 0.000 min
 Lab File: VU048264.D
 Acq: 25 Apr 2022 12:50

Tgt Ion:112 Resp: 434674
 Ion Ratio Lower Upper
 112 100
 114 32.4 22.7 42.1
 77 56.3 44.3 66.5

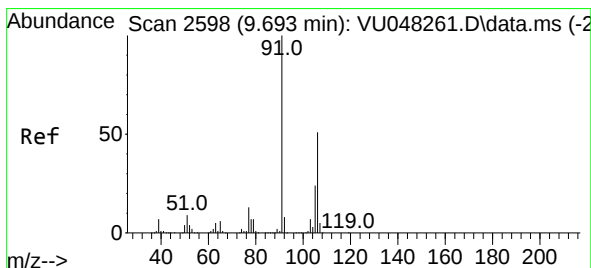
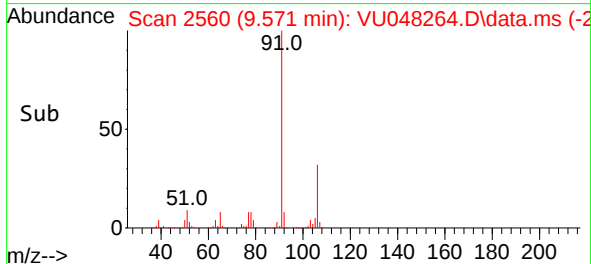
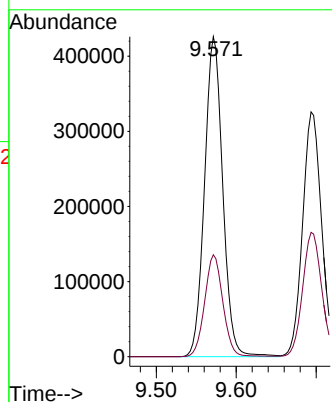
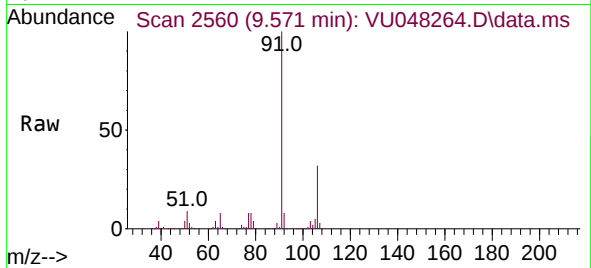




#52
Ethylbenzene
Concen: 52.459 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

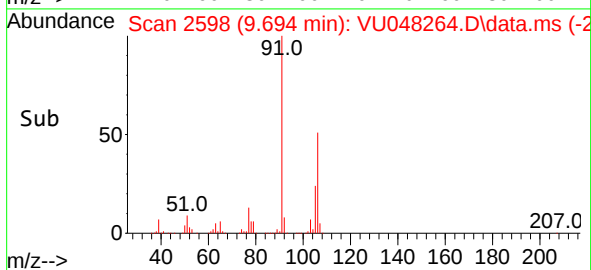
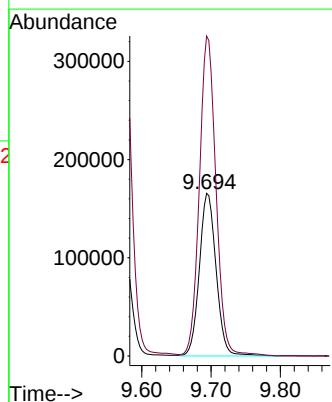
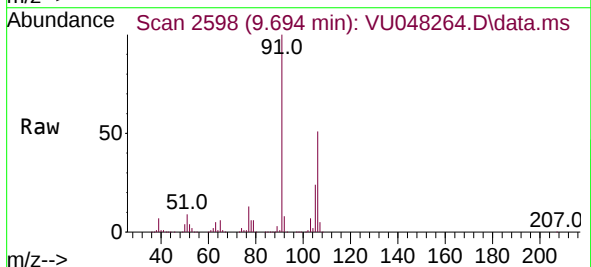
Instrument :
MSVOA_U
ClientSampleId :
VICV061

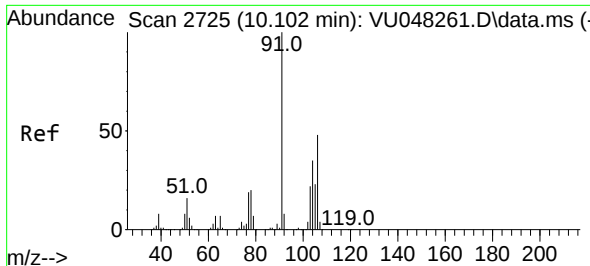
Tgt Ion: 91 Resp: 675175
Ion Ratio Lower Upper
91 100
106 31.9 22.5 41.9



#53
m,p-Xylene
Concen: 54.747 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

Tgt Ion: 106 Resp: 278062
Ion Ratio Lower Upper
106 100
91 196.9 137.4 255.2

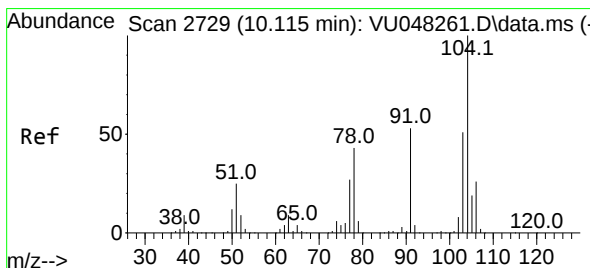
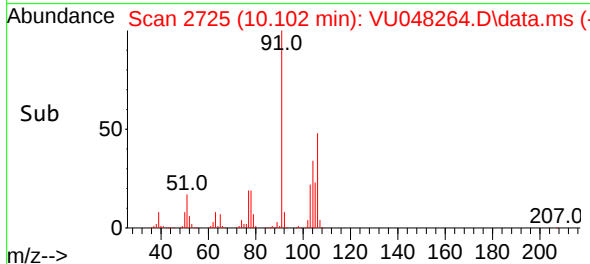
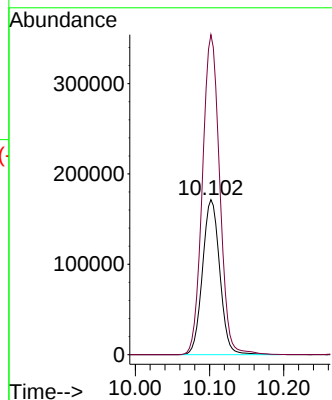
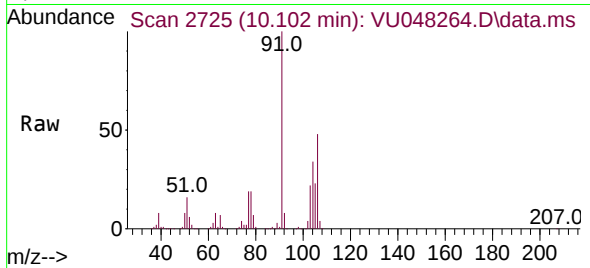




#54
o-Xylene
Concen: 54.254 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

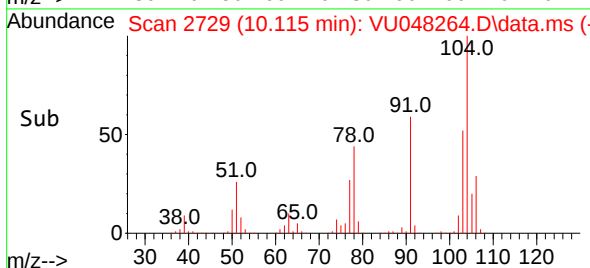
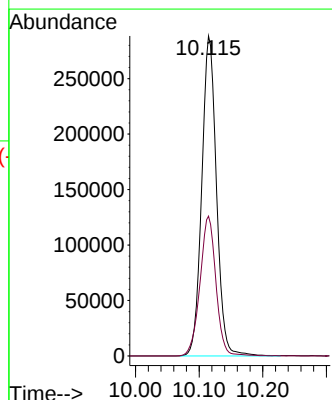
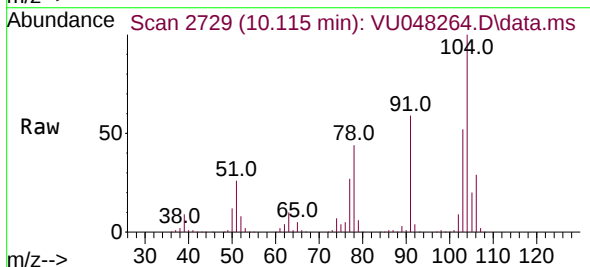
Instrument :
MSVOA_U
ClientSampleId :
VICV061

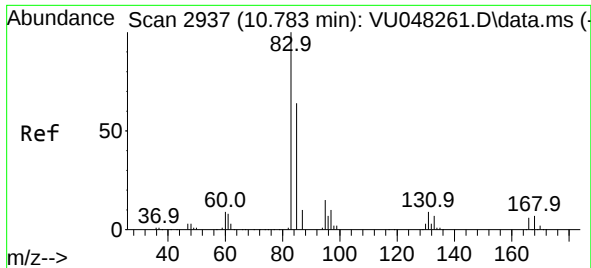
Tgt Ion:106 Resp: 277599
Ion Ratio Lower Upper
106 100
91 206.4 145.3 269.8



#55
Styrene
Concen: 53.231 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

Tgt Ion:104 Resp: 463990
Ion Ratio Lower Upper
104 100
78 43.7 30.3 56.3

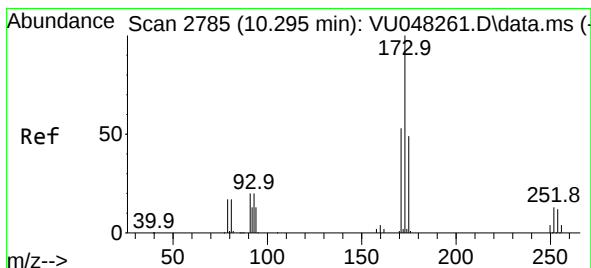
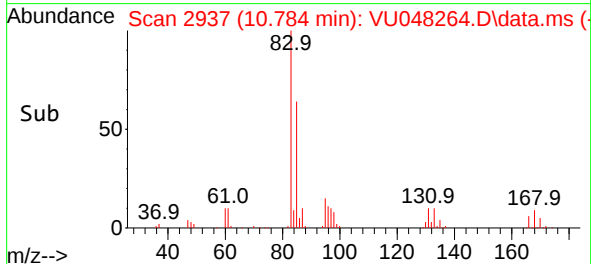
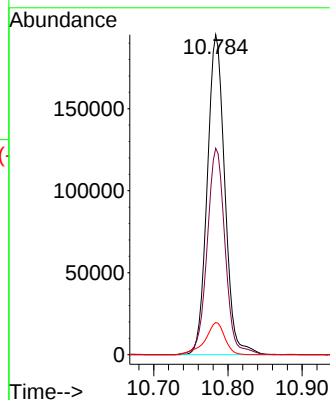
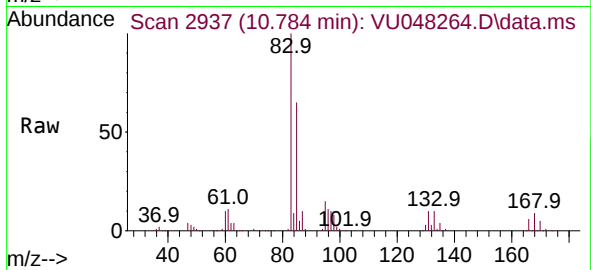




#57
 1,1,2,2-Tetrachloroethane
 Concen: 45.773 ug/L
 RT: 10.784 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: VU048264.D
 Acq: 25 Apr 2022 12:50

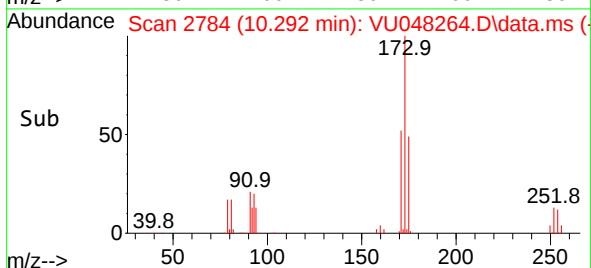
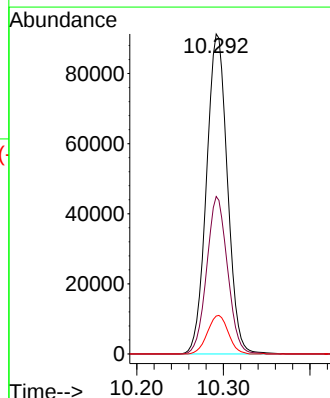
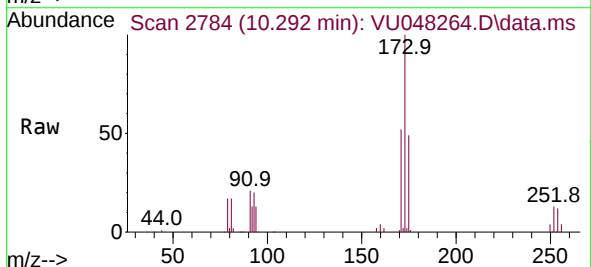
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV061

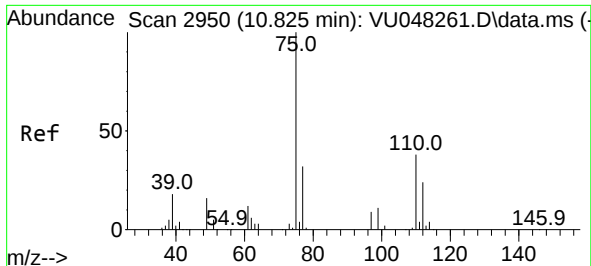
Tgt Ion: 83 Resp: 319211
 Ion Ratio Lower Upper
 83 100
 85 64.5 45.1 83.7
 131 10.1 7.8 11.6



#59
 Bromoform
 Concen: 46.923 ug/L
 RT: 10.292 min Scan# 2784
 Delta R.T. -0.003 min
 Lab File: VU048264.D
 Acq: 25 Apr 2022 12:50

Tgt Ion:173 Resp: 153073
 Ion Ratio Lower Upper
 173 100
 175 49.0 38.9 58.3
 254 12.0 9.5 14.3

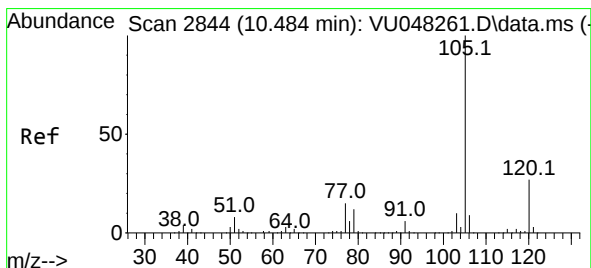
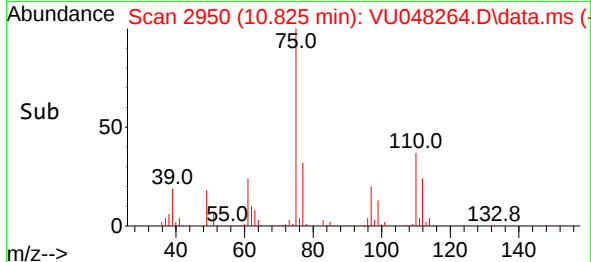
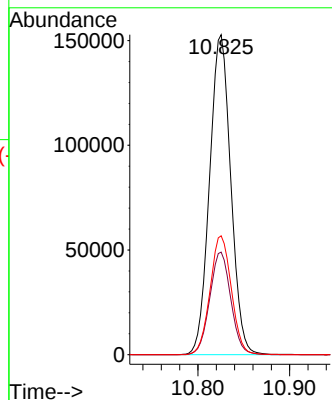
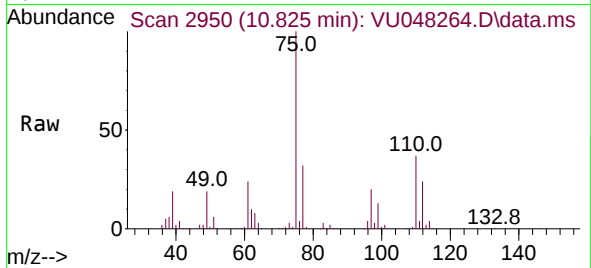




#60
1,2,3-Trichloropropane
Concen: 46.798 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

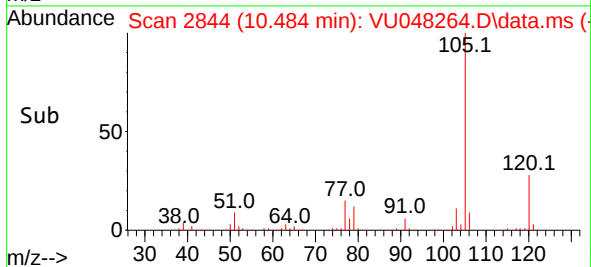
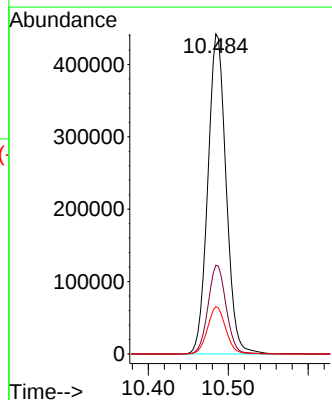
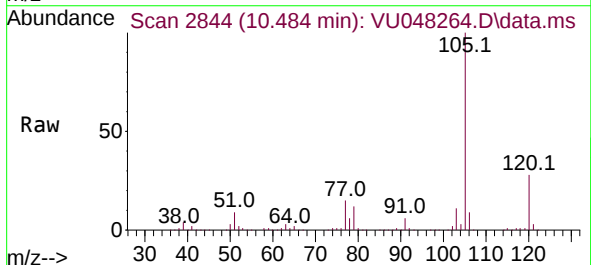
Instrument :
MSVOA_U
ClientSampleId :
VICV061

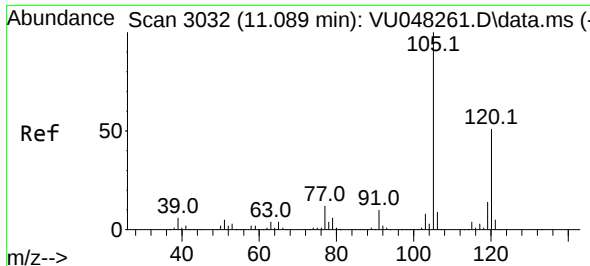
Tgt Ion: 75 Resp: 245404
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8
110 37.3 29.9 44.9



#61
Isopropylbenzene
Concen: 55.784 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

Tgt Ion: 105 Resp: 701119
Ion Ratio Lower Upper
105 100
120 27.5 21.7 32.5
77 14.7 11.7 17.5

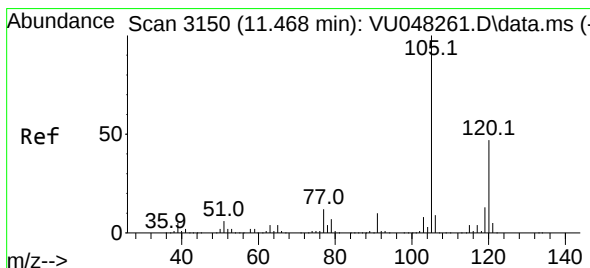
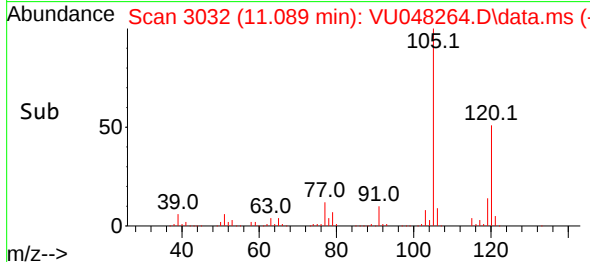
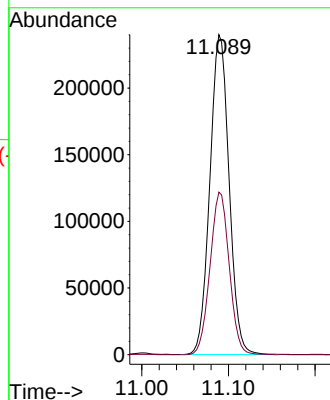
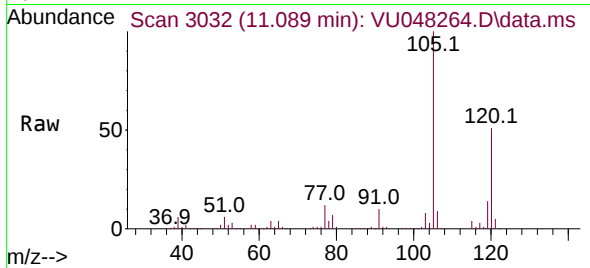




#62
1,3,5-Trimethylbenzene
Concen: 55.672 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

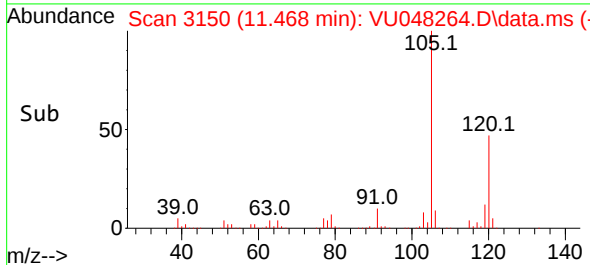
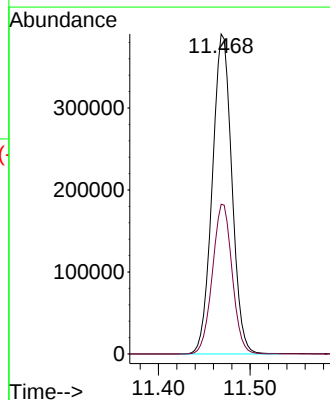
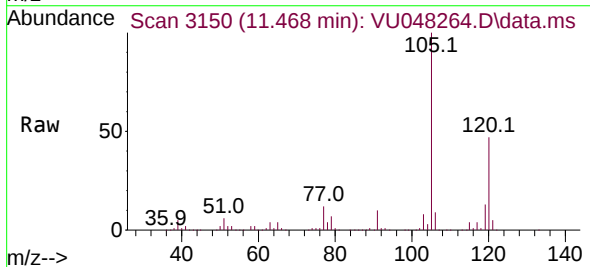
Instrument :
MSVOA_U
ClientSampleId :
VICV061

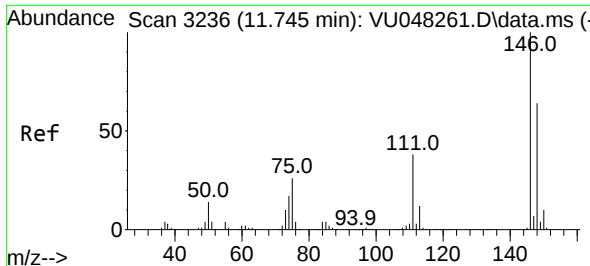
Tgt Ion:105 Resp: 368792
Ion Ratio Lower Upper
105 100
120 50.8 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 56.839 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

Tgt Ion:105 Resp: 578878
Ion Ratio Lower Upper
105 100
120 47.1 38.0 57.0

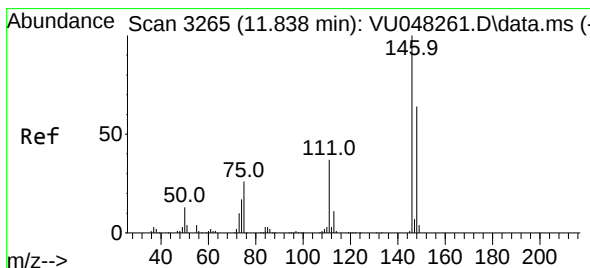
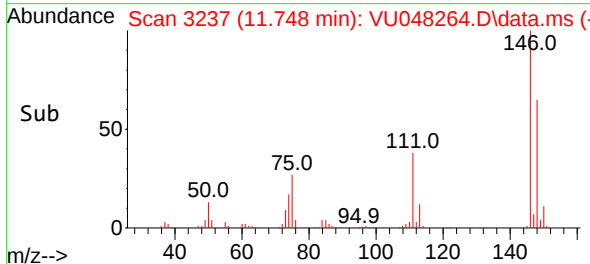
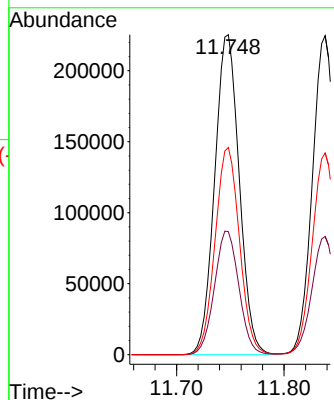
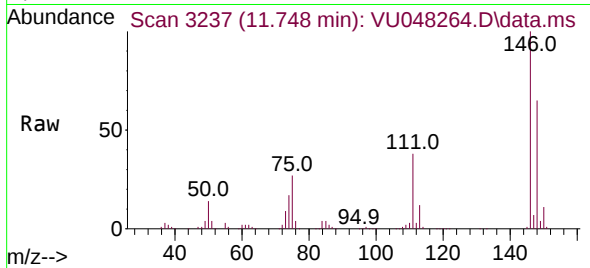




#64
1,3-Dichlorobenzene
Concen: 50.856 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

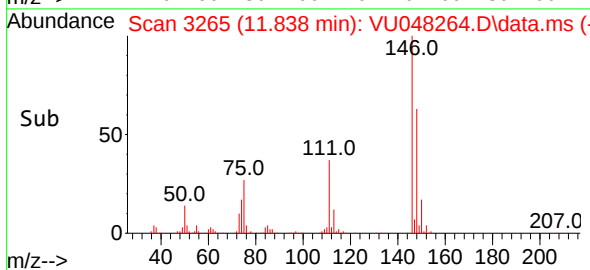
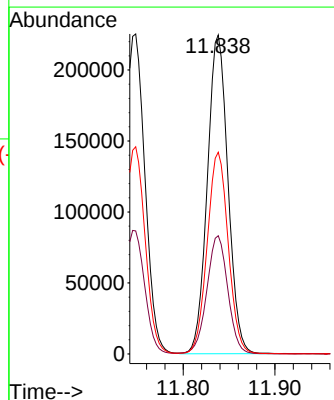
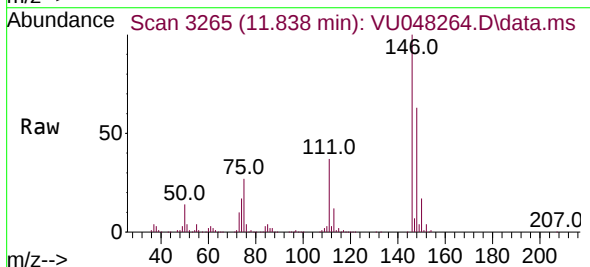
Instrument :
MSVOA_U
ClientSampleId :
VICV061

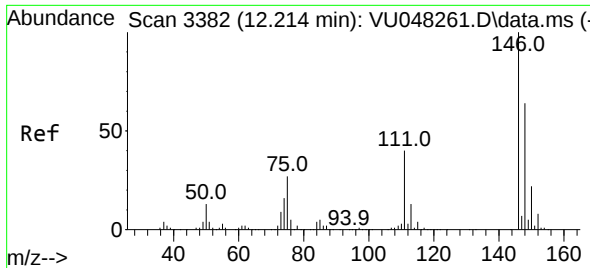
Tgt Ion:146 Resp: 358350
Ion Ratio Lower Upper
146 100
111 38.4 26.7 49.7
148 64.7 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 48.769 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

Tgt Ion:146 Resp: 350823
Ion Ratio Lower Upper
146 100
111 37.1 25.9 48.1
148 63.2 45.1 83.7

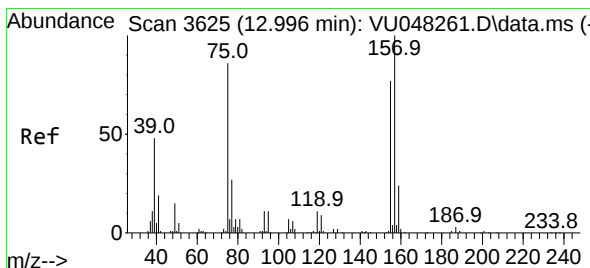
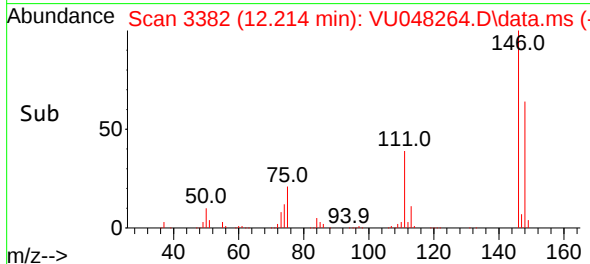
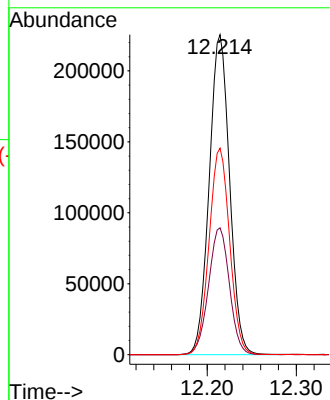
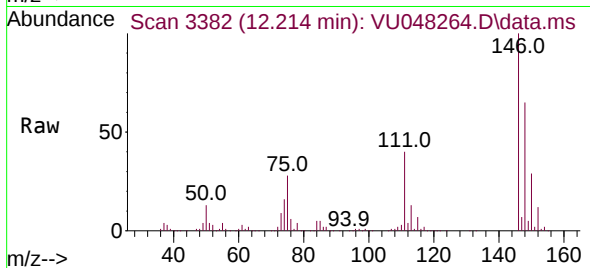




#67
1,2-Dichlorobenzene
Concen: 48.211 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

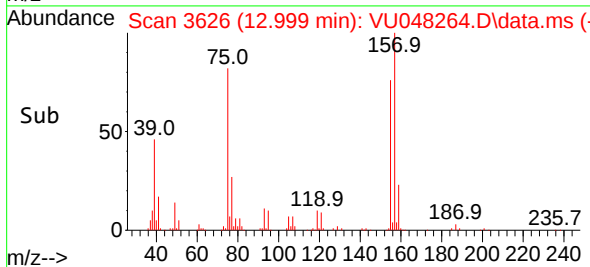
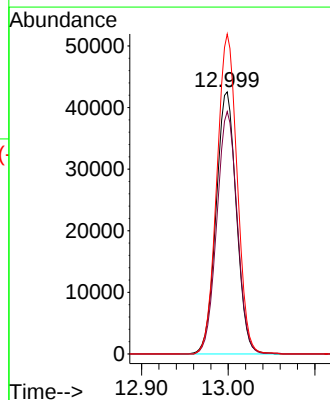
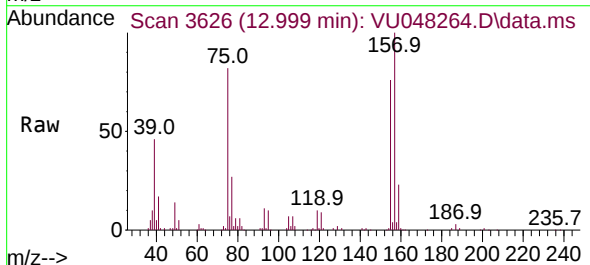
Instrument :
MSVOA_U
ClientSampleId :
VICV061

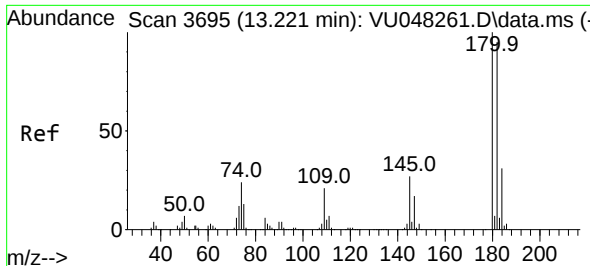
Tgt Ion:146 Resp: 357859
Ion Ratio Lower Upper
146 100
111 39.6 31.7 47.5
148 64.5 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 49.593 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

Tgt Ion: 75 Resp: 69424
Ion Ratio Lower Upper
75 100
155 92.5 71.8 107.6
157 122.1 93.4 140.2

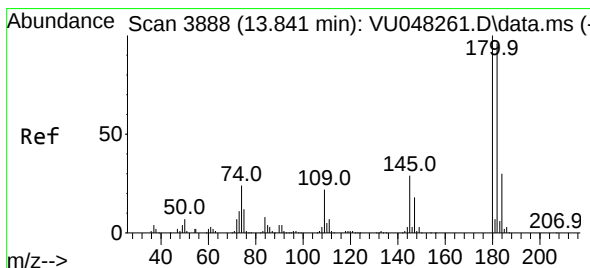
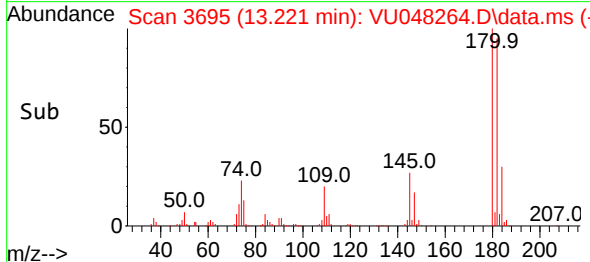
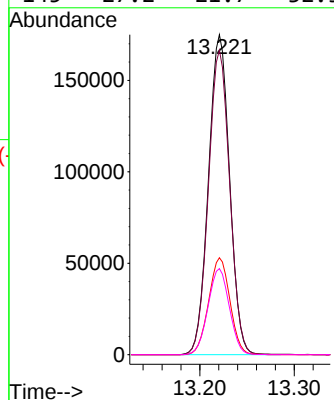
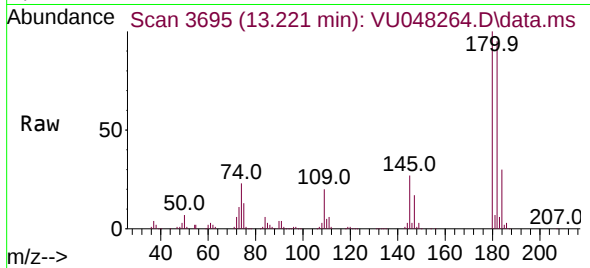




#69
 1,3,5-Trichlorobenzene
 Concen: 51.756 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU048264.D
 Acq: 25 Apr 2022 12:50

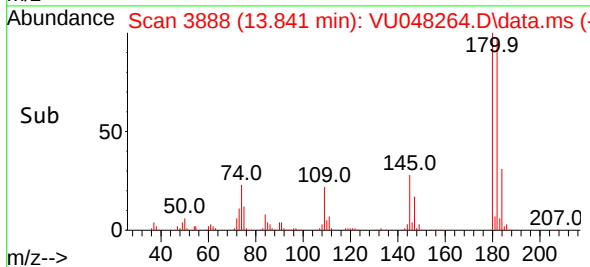
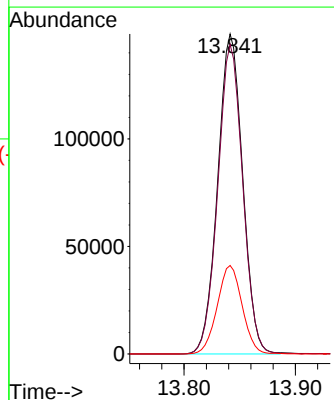
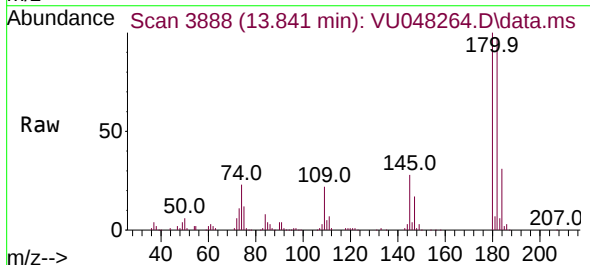
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV061

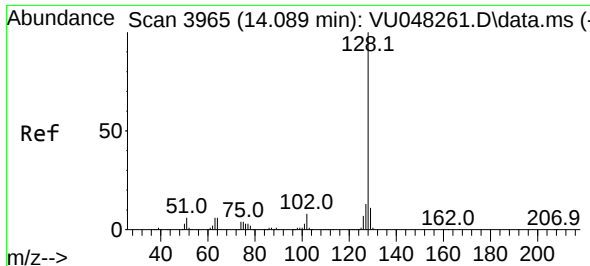
Tgt Ion:	180	Resp:	270992
Ion Ratio	Lower	Upper	
180	100		
182	96.0	77.0	115.4
184	30.6	24.6	37.0
145	27.2	21.7	32.5



#70
 1,2,4-trichlorobenzene
 Concen: 56.072 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048264.D
 Acq: 25 Apr 2022 12:50

Tgt Ion:	180	Resp:	231939
Ion Ratio	Lower	Upper	
180	100		
182	96.2	76.3	114.5
145	27.6	22.6	33.8

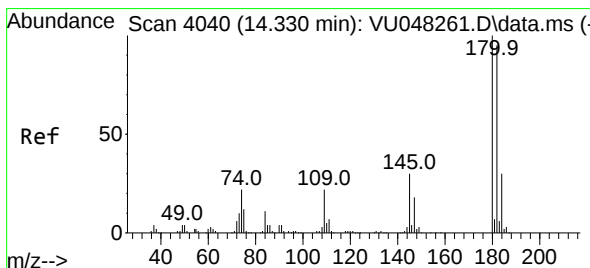
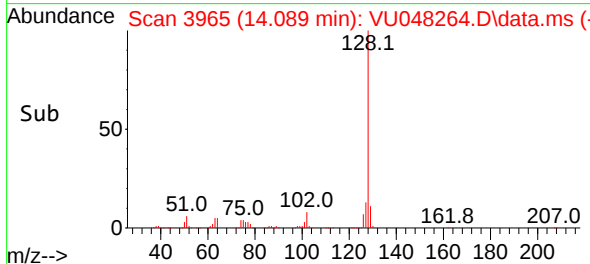
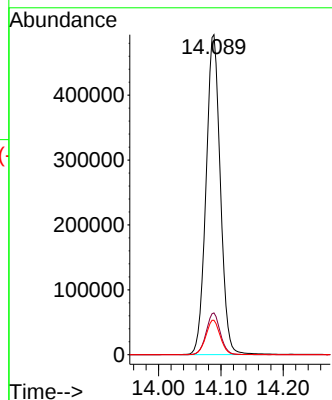
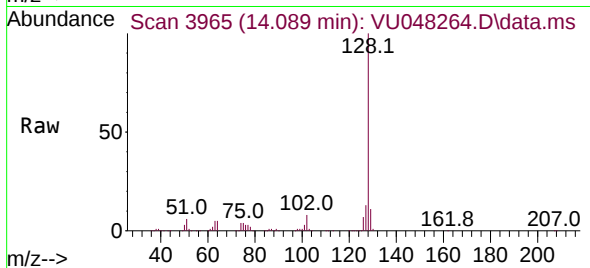




#71
Naphthalene
Concen: 66.306 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

Instrument :
MSVOA_U
ClientSampleId :
VICV061

Tgt Ion:128 Resp: 784916
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 57.755 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048264.D
Acq: 25 Apr 2022 12:50

Tgt Ion:180 Resp: 244837
Ion Ratio Lower Upper
180 100
182 96.8 75.8 113.6
145 30.0 23.5 35.3

