

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061022\
 Data File : U048997.D
 Acq On : 10 Jun 2022 15:05
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV079

Quant Time: Jun 10 22:37:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:34:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	318379	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	289712	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	168911	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	100572	51.277	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 102.560%	
7) Chloroethane-d5	1.890	69	74016	51.396	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	= 102.800%	
11) 1,1-Dichloroethene-d2	2.562	63	186693	50.444	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 100.880%	
21) 2-Butanone-d5	4.620	46	197941	92.047	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 92.050%	
24) Chloroform-d	5.060	84	202834	48.477	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 96.960%	
26) 1,2-Dichloroethane-d4	5.700	65	130721	48.223	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 96.440%	
32) Benzene-d6	5.726	84	357732	49.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 99.600%	
36) 1,2-Dichloropropane-d6	6.690	67	119313	49.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 98.800%	
41) Toluene-d8	7.896	98	332120	52.421	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.840%	
43) trans-1,3-Dichloroprop...	8.179	79	61048	53.732	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 107.460%	
47) 2-Hexanone-d5	8.632	63	149646	118.394	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 118.390%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	228027	56.531	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 113.060%	
66) 1,2-Dichlorobenzene-d4	12.192	152	152778	51.984	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 103.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	140290	49.933	ug/L	99
3) Chloromethane	1.520	50	145189	49.026	ug/L	99
5) Vinyl chloride	1.601	62	133839	47.673	ug/L	100
6) Bromomethane	1.829	94	74352	47.879	ug/L	98
8) Chloroethane	1.912	64	72655	46.335	ug/L	99
9) Trichlorofluoromethane	2.128	101	187884	47.551	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	106335	47.409	ug/L	99
12) 1,1-Dichloroethene	2.572	96	96389	49.094	ug/L	97
13) Acetone	2.623	43	155378	91.823	ug/L	100
14) Carbon disulfide	2.787	76	236473	47.363	ug/L	100
15) Methyl Acetate	2.945	43	160236	47.743	ug/L	99
16) Methylene chloride	3.041	84	119156	46.605	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	101618	47.073	ug/L	98
18) Methyl tert-butyl Ether	3.363	73	384427	47.602	ug/L	99
19) 1,1-Dichloroethane	3.867	63	207990	44.723	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	114048	43.425	ug/L	95
22) 2-Butanone	4.697	43	230796	88.754	ug/L	97
23) Bromochloromethane	4.970	128	60196	43.670	ug/L	95
25) Chloroform	5.086	83	230029	47.461	ug/L	99

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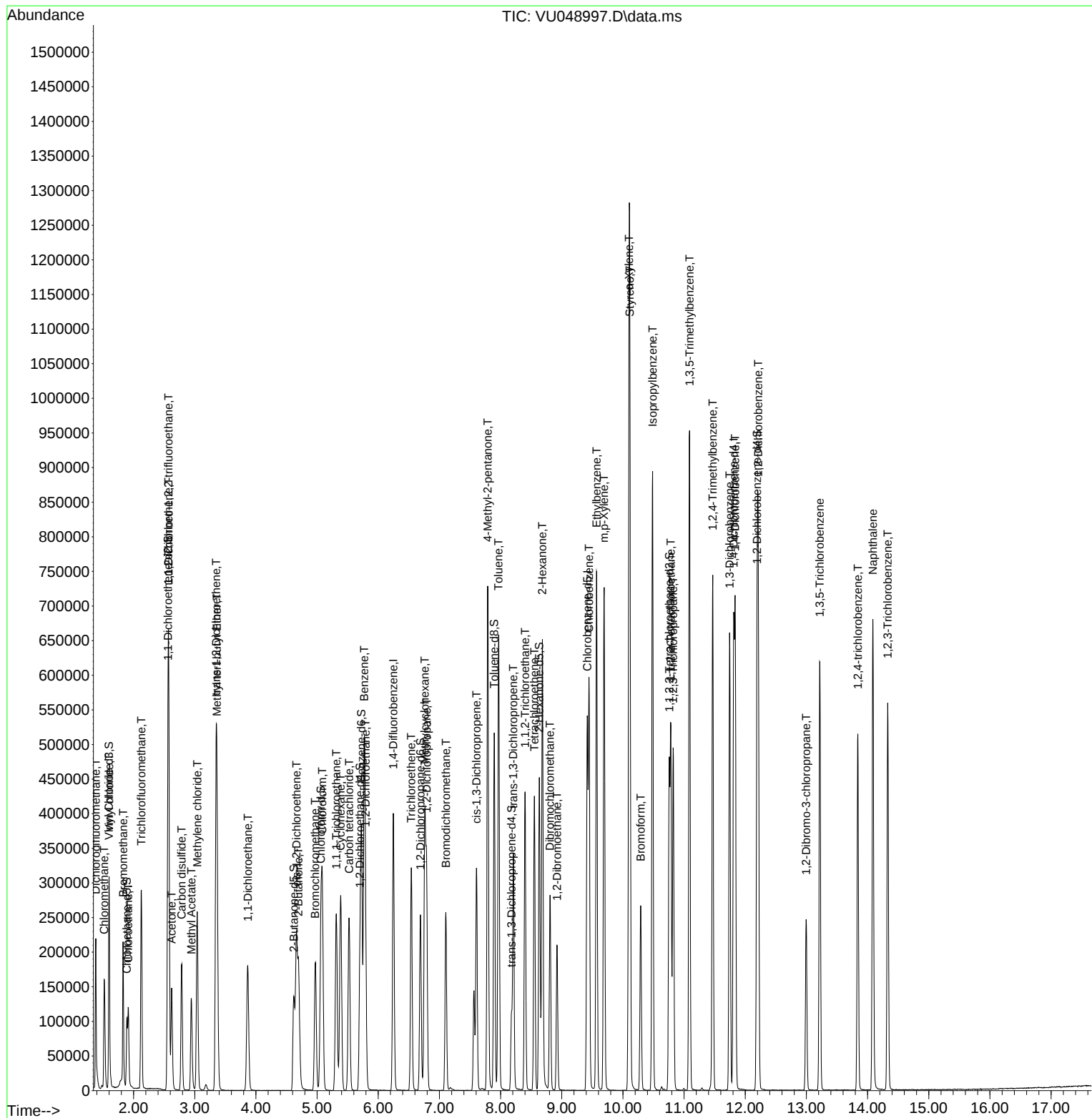
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	175418	44.461	ug/L	98
29) Cyclohexane	5.385	56	142338	43.901	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	192019	47.526	ug/L	98
31) Carbon tetrachloride	5.523	117	174569	49.404	ug/L	97
33) Benzene	5.771	78	428072	45.608	ug/L	100
34) Trichloroethene	6.539	95	110571	46.735	ug/L	98
35) Methylcyclohexane	6.761	83	155901	47.208	ug/L	100
37) 1,2-Dichloropropane	6.790	63	117692	44.466	ug/L	99
38) Bromodichloromethane	7.105	83	163981	46.664	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	182200	46.783	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	467687	104.882	ug/L	100
42) Toluene	7.967	91	474519	48.913	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	189157	49.050	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	132298	51.584	ug/L	99
46) Tetrachloroethene	8.552	164	92275	50.307	ug/L	97
48) 2-Hexanone	8.684	43	397151	109.555	ug/L	99
49) Dibromochloromethane	8.809	129	144267	50.521	ug/L	98
50) 1,2-Dibromoethane	8.922	107	136815	50.708	ug/L	100
51) Chlorobenzene	9.446	112	308961	47.113	ug/L	99
52) Ethylbenzene	9.571	91	509477	48.301	ug/L	99
53) m,p-Xylene	9.693	106	207751	50.155	ug/L	96
54) o-Xylene	10.099	106	224820	53.871	ug/L	99
55) Styrene	10.115	104	383645	55.048	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	247993	51.886	ug/L	99
59) Bromoform	10.291	173	119545	47.957	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	206156	48.117	ug/L	99
61) Isopropylbenzene	10.484	105	574346	50.059	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	505282	51.583	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	394539	50.591	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	268164	47.646	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	266573	46.780	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	282520	48.370	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	66474	47.008	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	194734	48.433	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	156645	46.073	ug/L	98
71) Naphthalene	14.086	128	555617	46.191	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	171722	47.748	ug/L	99

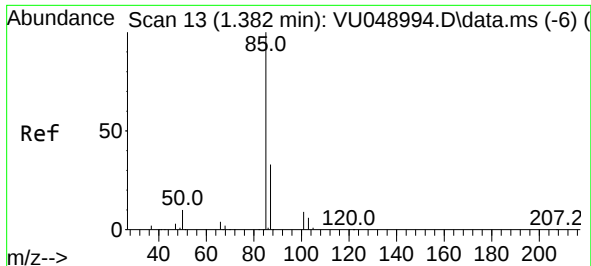
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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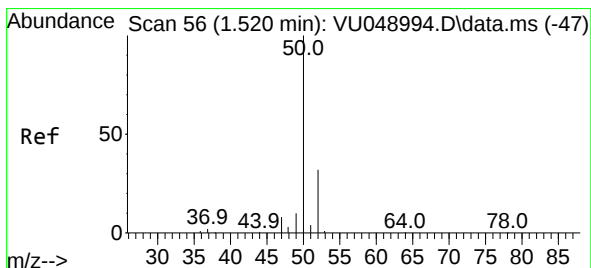
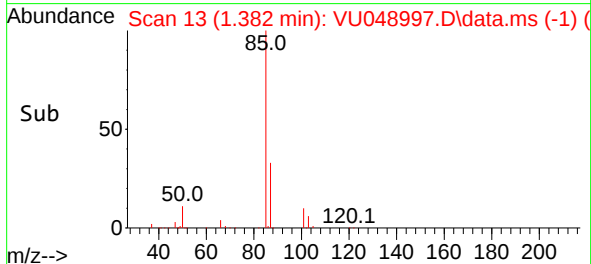
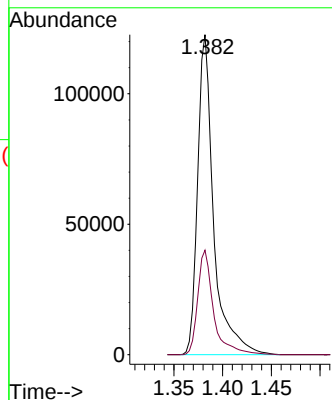
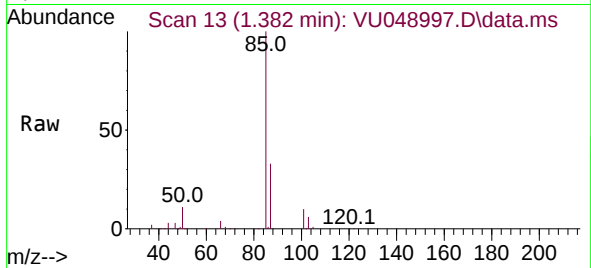




#2
Dichlorodifluoromethane
Concen: 49.933 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

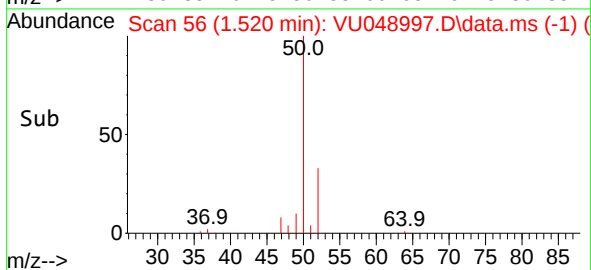
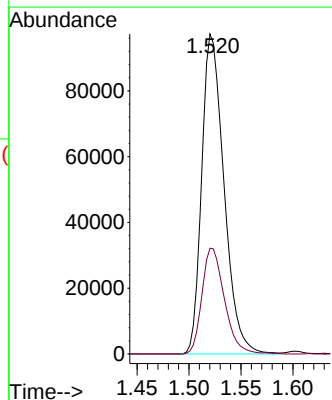
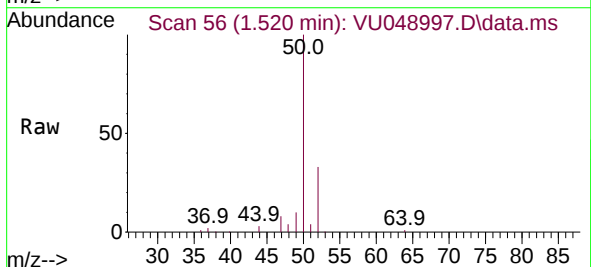
Instrument :
MSVOA_U
ClientSampleId :
VICV079

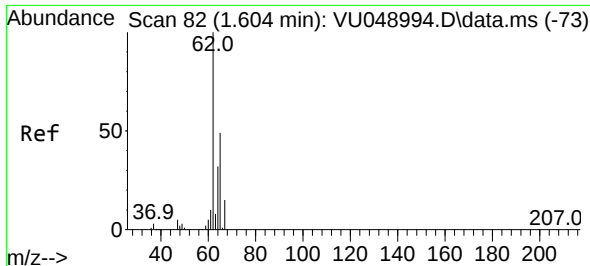
Tgt Ion: 85 Resp: 140290
Ion Ratio Lower Upper
85 100
87 32.4 26.3 39.5



#3
Chloromethane
Concen: 49.026 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

Tgt Ion: 50 Resp: 145189
Ion Ratio Lower Upper
50 100
52 33.0 22.7 42.1

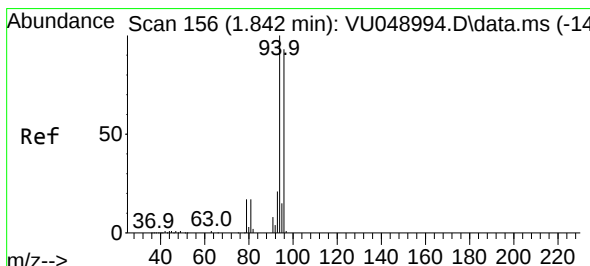
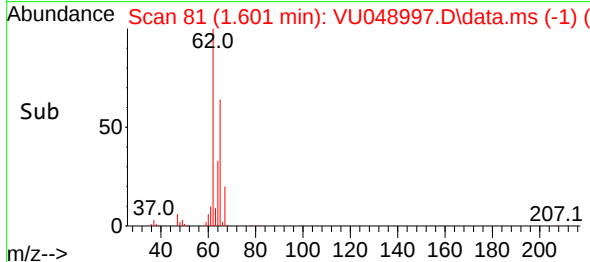
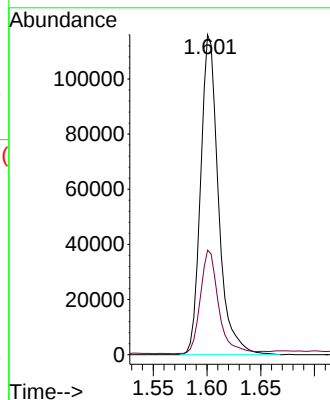
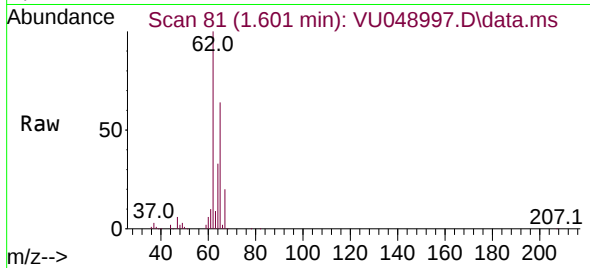




#5
 Vinyl chloride
 Concen: 47.673 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU048997.D
 Acq: 10 Jun 2022 15:05

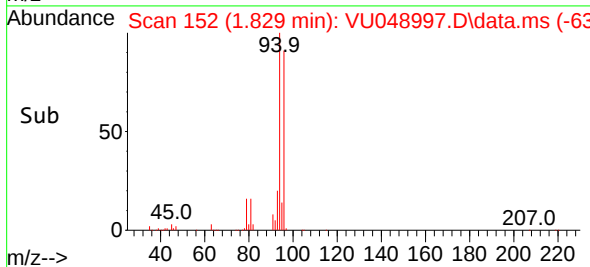
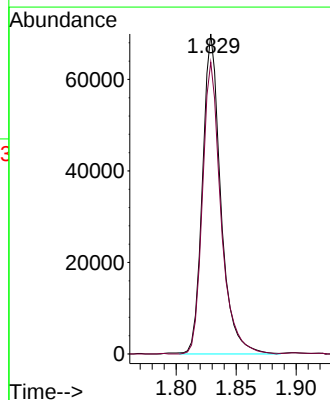
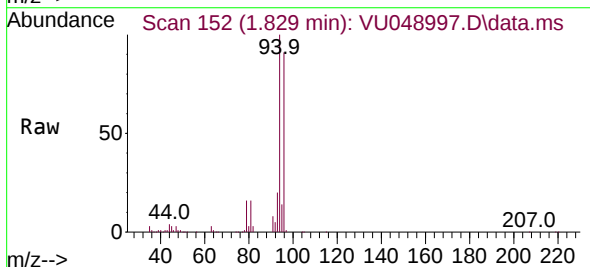
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV079

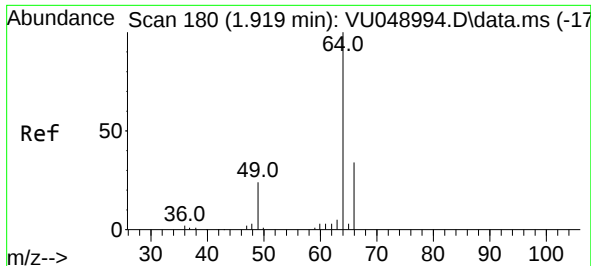
Tgt Ion: 62 Resp: 133839
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.7 42.3



#6
 Bromomethane
 Concen: 47.879 ug/L
 RT: 1.829 min Scan# 152
 Delta R.T. -0.013 min
 Lab File: VU048997.D
 Acq: 10 Jun 2022 15:05

Tgt Ion: 94 Resp: 74352
 Ion Ratio Lower Upper
 94 100
 96 91.2 65.1 120.9

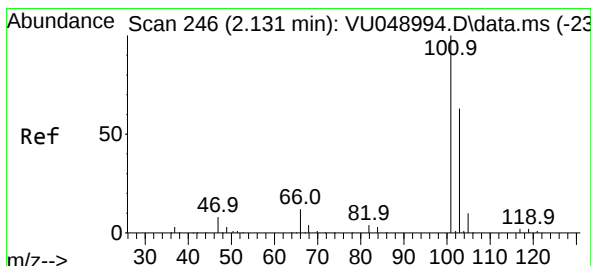
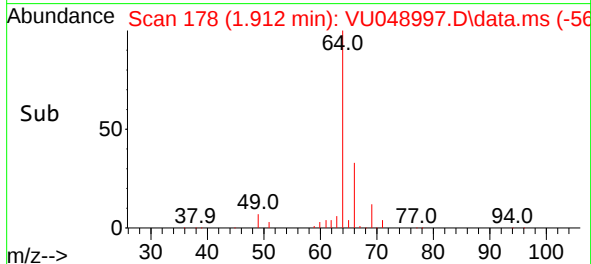
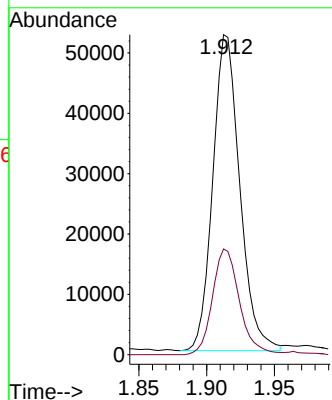
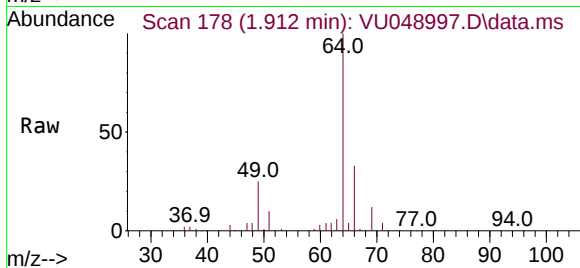




#8
Chloroethane
Concen: 46.335 ug/L
RT: 1.912 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

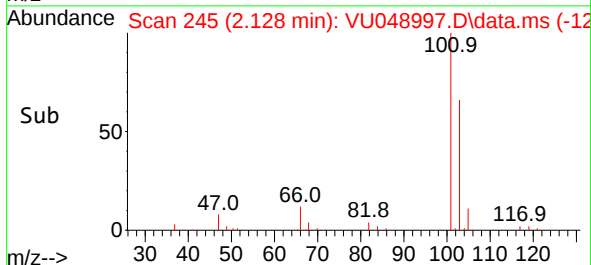
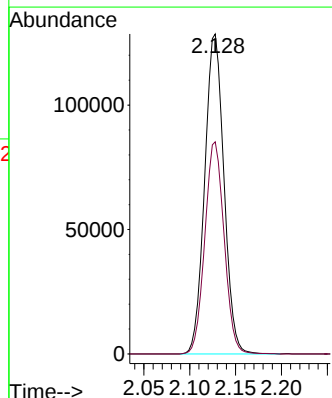
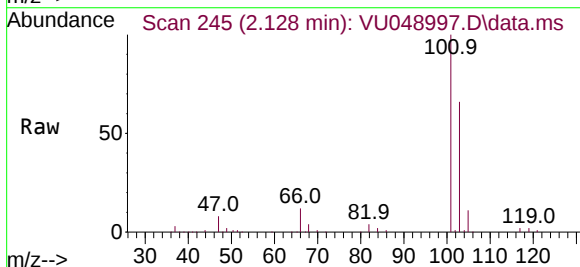
Instrument :
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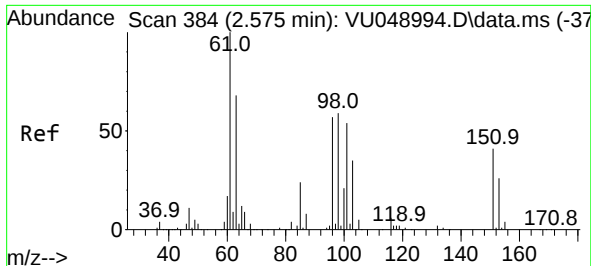
Tgt Ion: 64 Resp: 72655
Ion Ratio Lower Upper
64 100
66 33.0 23.7 43.9



#9
Trichlorofluoromethane
Concen: 47.551 ug/L
RT: 2.128 min Scan# 245
Delta R.T. -0.003 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

Tgt Ion: 101 Resp: 187884
Ion Ratio Lower Upper
101 100
103 66.4 51.3 76.9





#10

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

Concen: 47.409 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.003 min

Lab File: VU048997.D

Acq: 10 Jun 2022 15:05

Instrument :

MSVOA_U

ClientSampleId :

VICV079

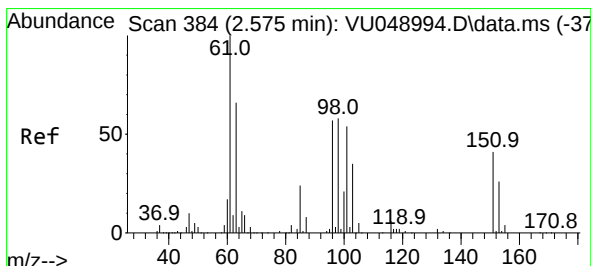
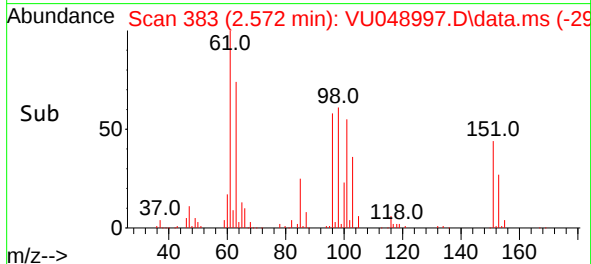
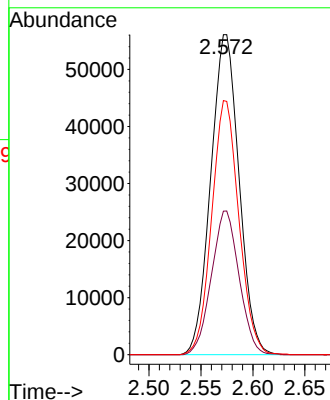
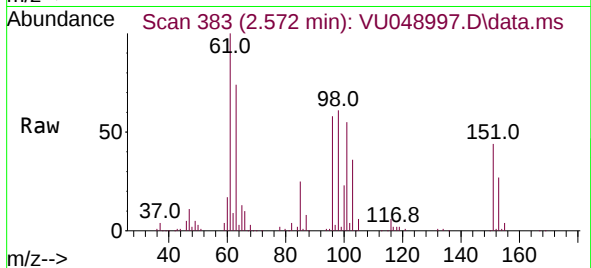
Tgt Ion:101 Resp: 106335

Ion Ratio Lower Upper

101 100

85 43.8 35.2 52.8

151 76.0 61.4 92.2



#12

1,1-Dichloroethene

Concen: 49.094 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.003 min

Lab File: VU048997.D

Acq: 10 Jun 2022 15:05

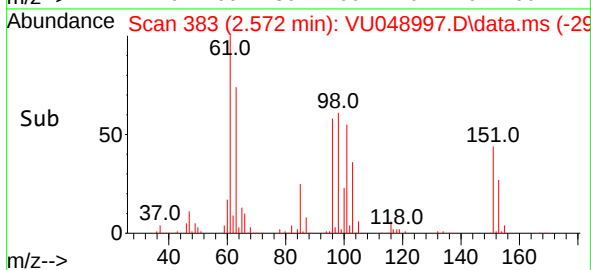
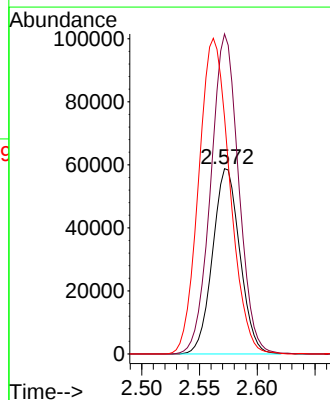
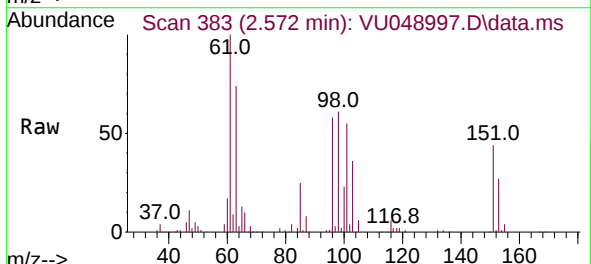
Tgt Ion: 96 Resp: 96389

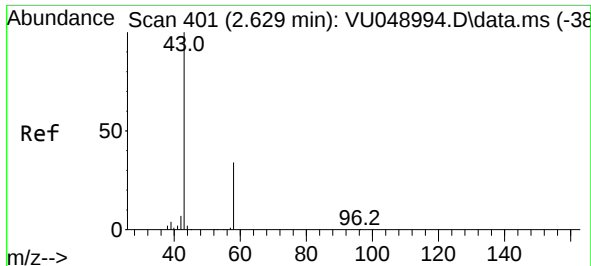
Ion Ratio Lower Upper

96 100

61 172.7 123.5 229.3

63 127.8 86.0 159.8





#13

Acetone

Concen: 91.823 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.006 min

Lab File: VU048997.D

Acq: 10 Jun 2022 15:05

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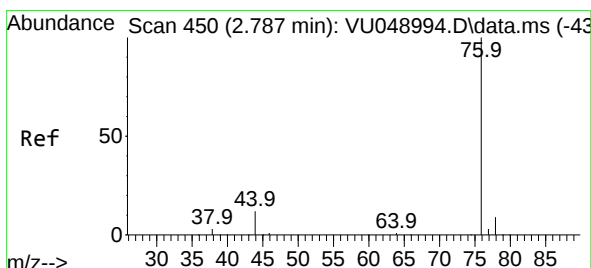
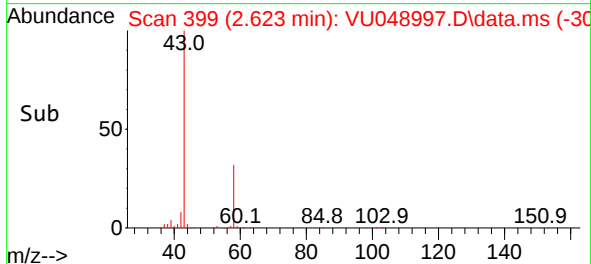
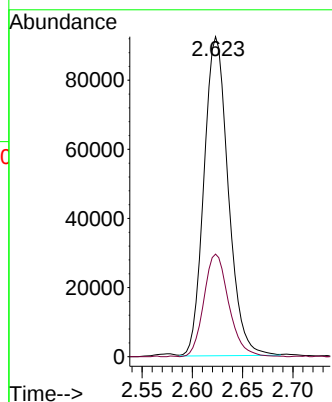
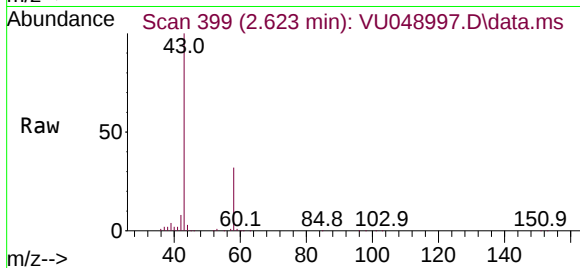
VICV079

Tgt Ion: 43 Resp: 155378

Ion Ratio Lower Upper

43 100

58 33.1 0.0 66.4



#14

Carbon disulfide

Concen: 47.363 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU048997.D

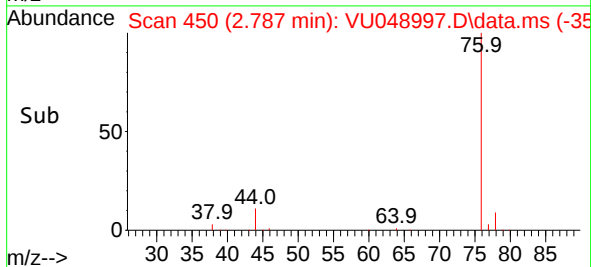
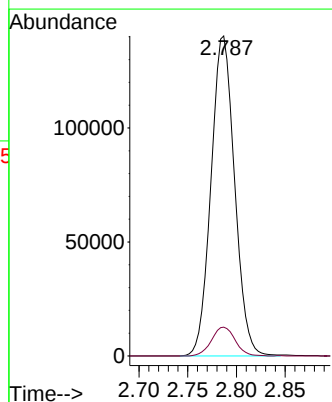
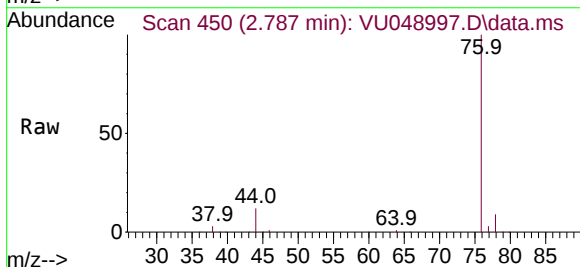
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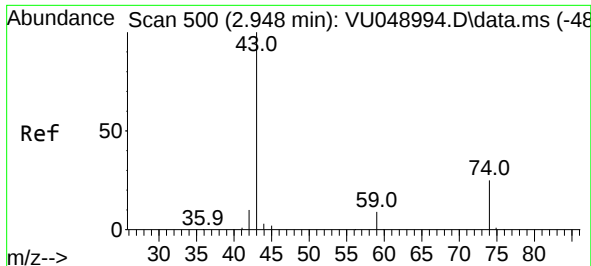
Tgt Ion: 76 Resp: 236473

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

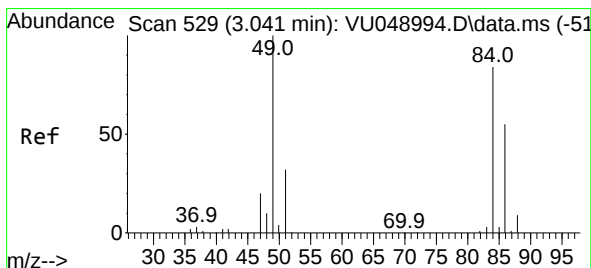
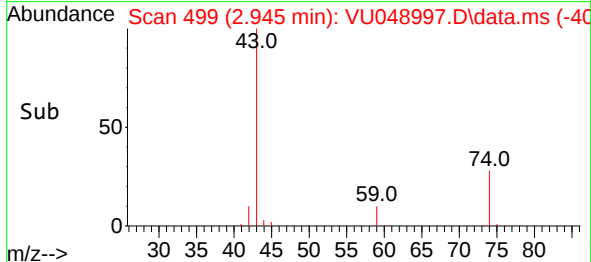
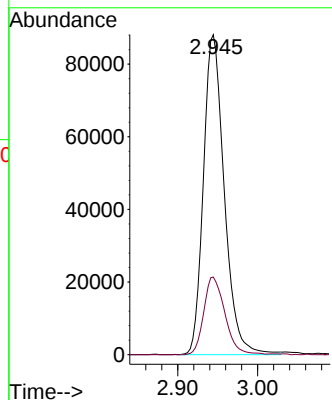
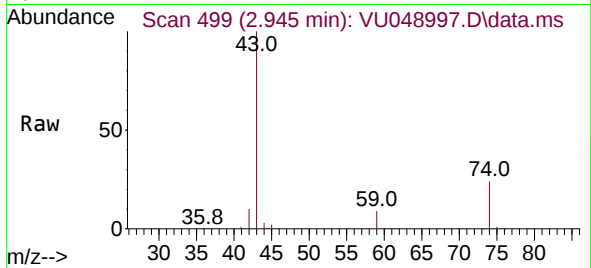




#15
Methyl Acetate
Concen: 47.743 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

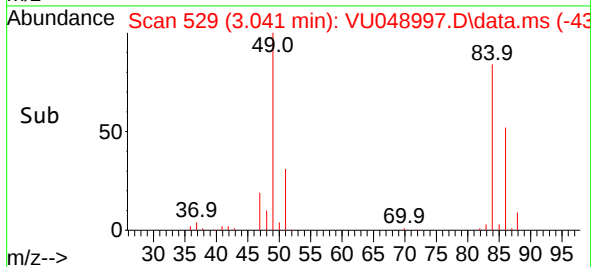
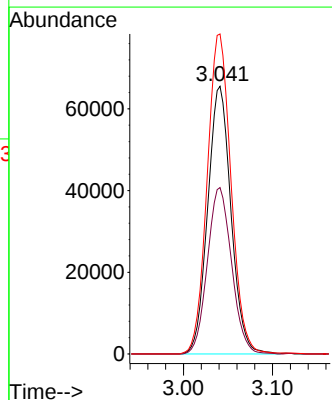
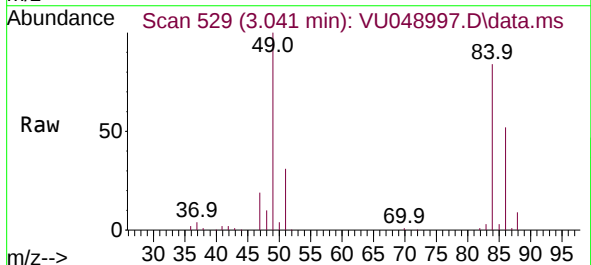
Instrument :
MSVOA_U
ClientSampleId :
VICV079

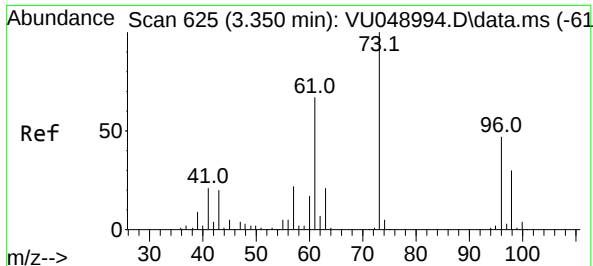
Tgt Ion: 43 Resp: 160236
Ion Ratio Lower Upper
43 100
74 24.5 19.0 28.6



#16
Methylene chloride
Concen: 46.605 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

Tgt Ion: 84 Resp: 119156
Ion Ratio Lower Upper
84 100
86 62.2 45.8 85.0
49 119.6 83.4 155.0





#17

trans-1,2-Dichloroethene

Concen: 47.073 ug/L

RT: 3.350 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU048997.D

Acq: 10 Jun 2022 15:05

Instrument :

MSVOA_U

ClientSampleId :

VICV079

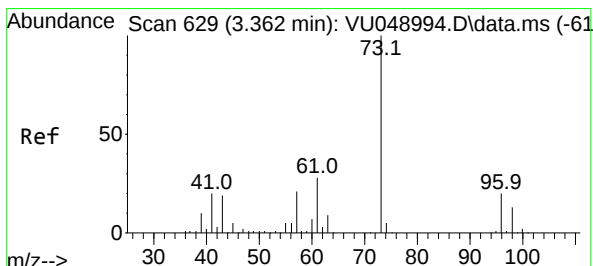
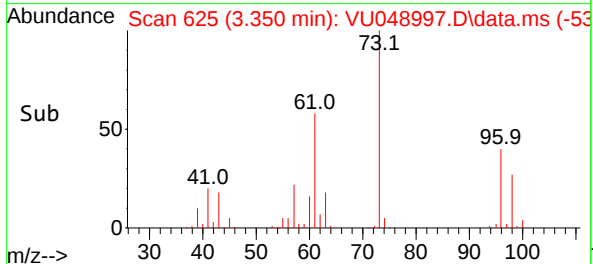
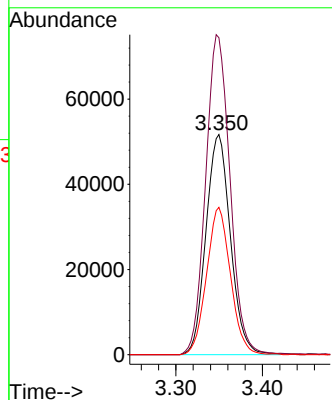
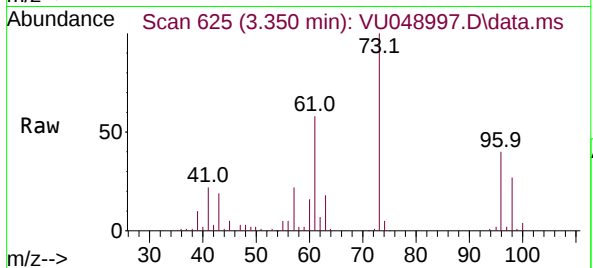
Tgt Ion: 96 Resp: 101618

Ion Ratio Lower Upper

96 100

61 143.9 99.3 184.3

98 66.9 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 47.602 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU048997.D

Acq: 10 Jun 2022 15:05

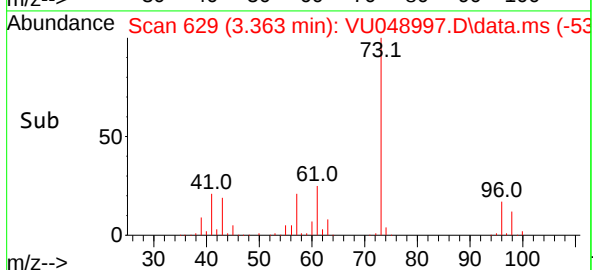
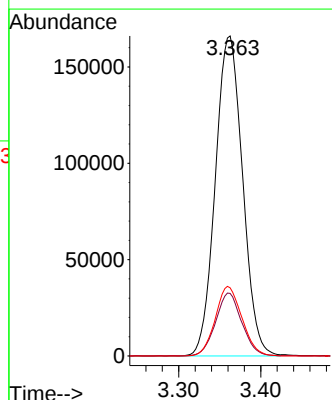
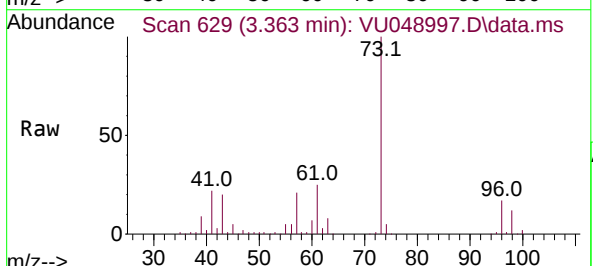
Tgt Ion: 73 Resp: 384427

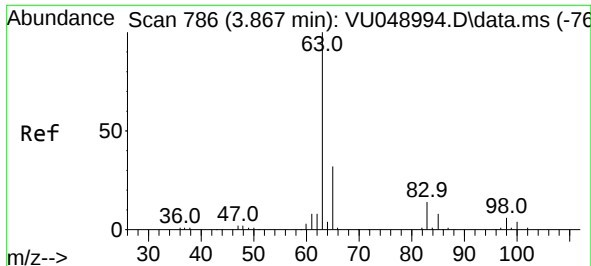
Ion Ratio Lower Upper

73 100

43 18.8 15.0 22.4

57 21.2 17.3 25.9





#19

1,1-Dichloroethane

Concen: 44.723 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU048997.D

Acq: 10 Jun 2022 15:05

Instrument :

MSVOA_U

ClientSampleId :

VICV079

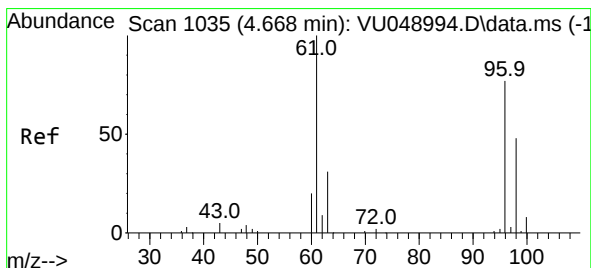
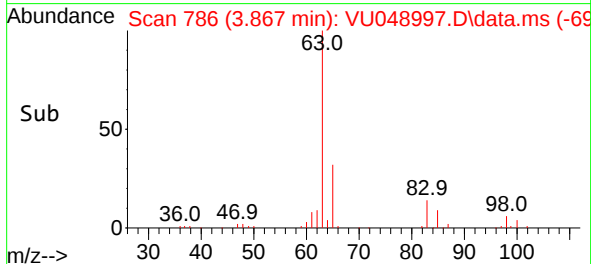
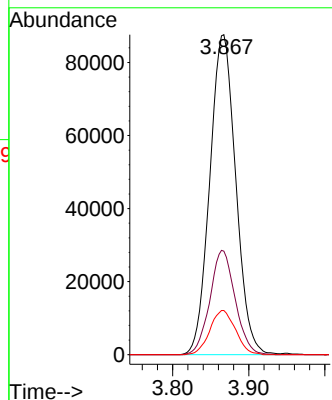
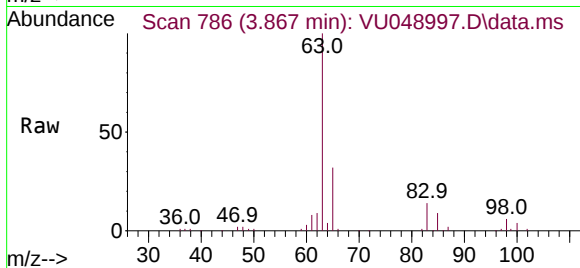
Tgt Ion: 63 Resp: 207990

Ion Ratio Lower Upper

63 100

65 32.3 22.3 41.5

83 13.8 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 43.425 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048997.D

Acq: 10 Jun 2022 15:05

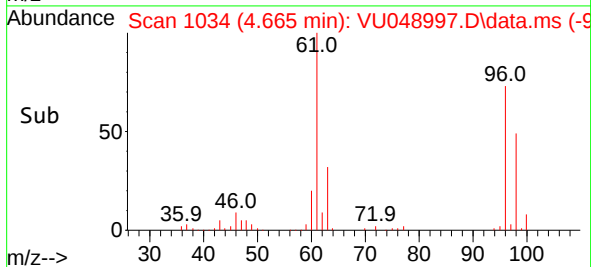
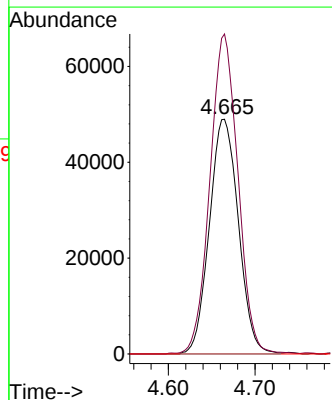
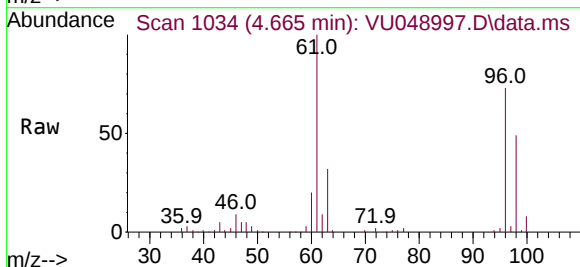
Tgt Ion: 96 Resp: 114048

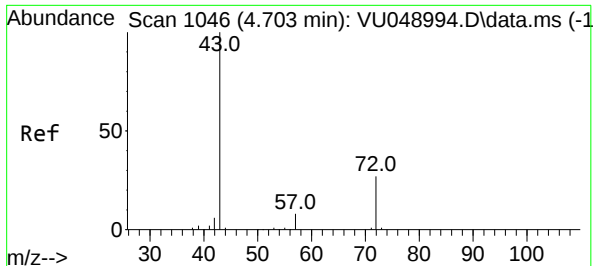
Ion Ratio Lower Upper

96 100

61 136.4 91.6 170.2

68 0.0 0.0 0.0

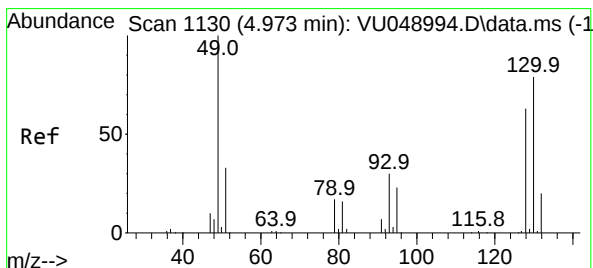
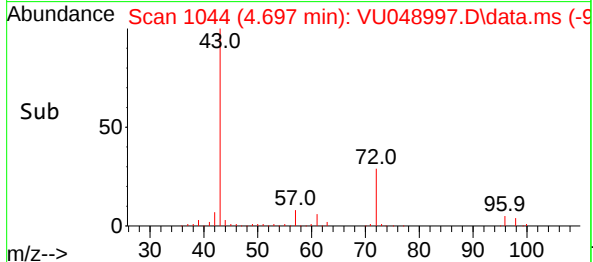
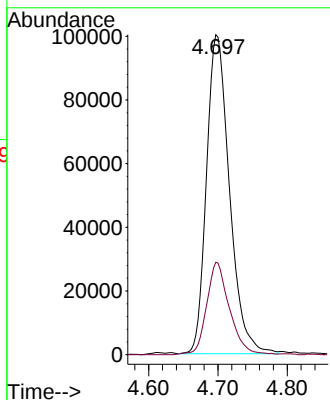
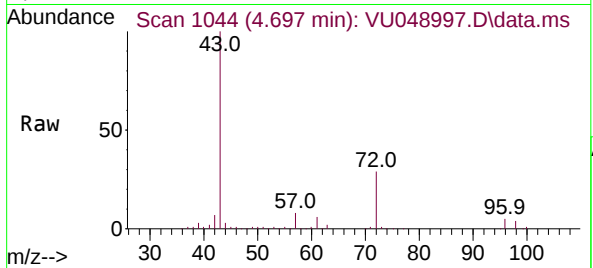




#22
2-Butanone
Concen: 88.754 ug/L
RT: 4.697 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

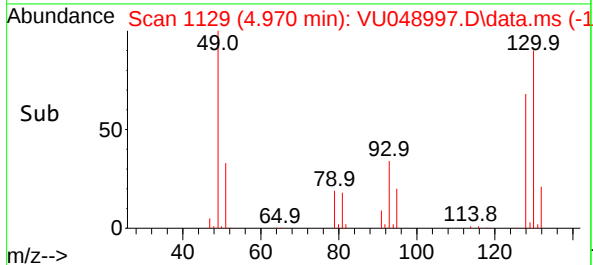
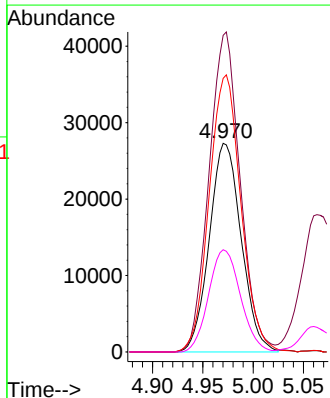
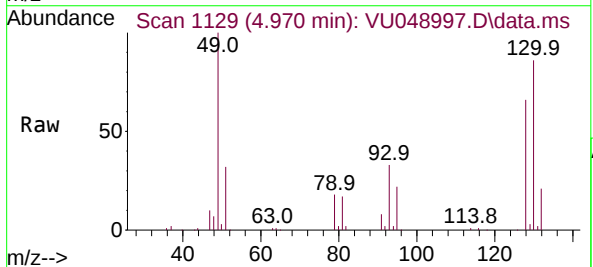
Instrument :
MSVOA_U
ClientSampleId :
VICV079

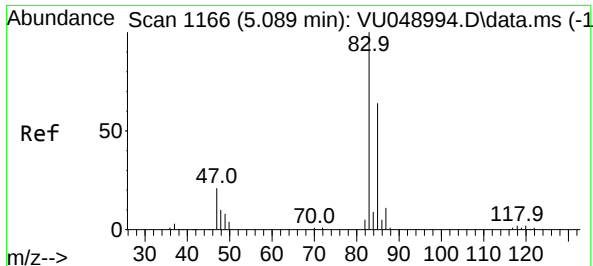
Tgt Ion: 43 Resp: 230796
Ion Ratio Lower Upper
43 100
72 28.6 13.7 41.0



#23
Bromochloromethane
Concen: 43.670 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

Tgt Ion:128 Resp: 60196
Ion Ratio Lower Upper
128 100
49 151.7 111.9 207.9
130 131.1 88.6 164.6
51 49.0 42.2 63.2





#25

Chloroform

Concen: 47.461 ug/L

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU048997.D

Acq: 10 Jun 2022 15:05

Instrument :

MSVOA_U

ClientSampleId :

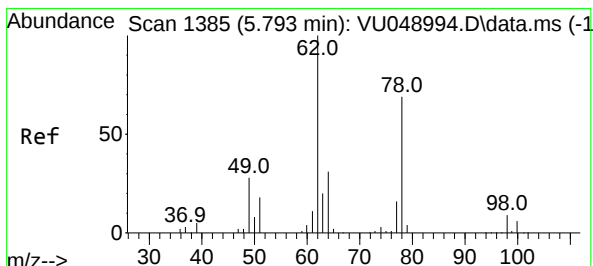
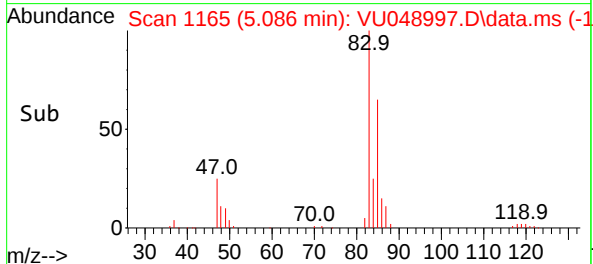
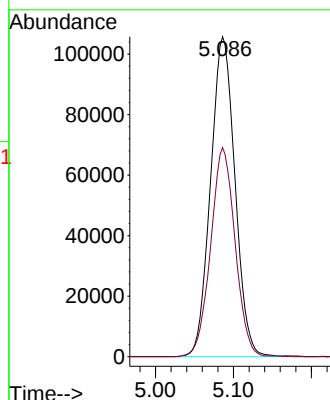
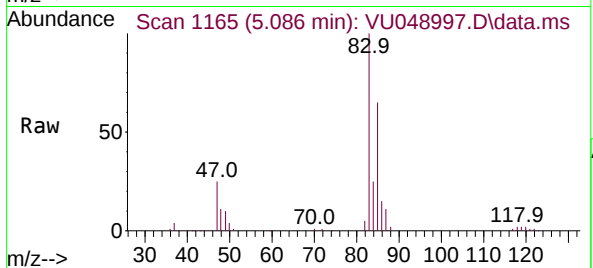
VICV079

Tgt Ion: 83 Resp: 230029

Ion Ratio Lower Upper

83 100

85 65.3 45.1 83.9



#27

1,2-Dichloroethane

Concen: 44.461 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU048997.D

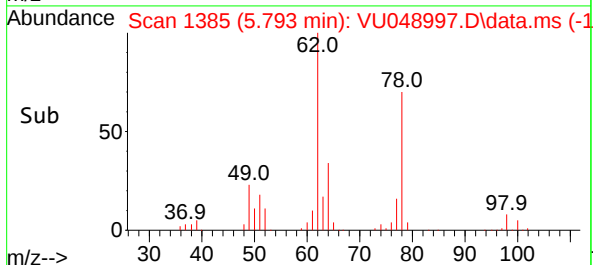
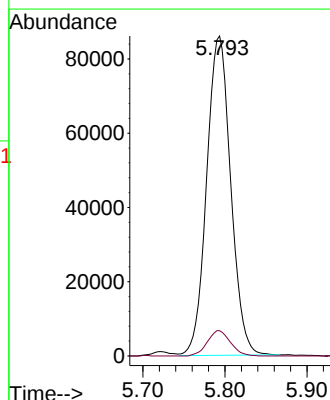
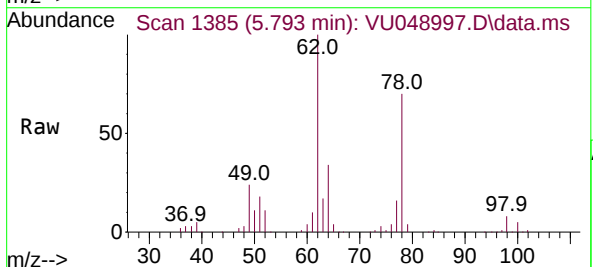
Acq: 10 Jun 2022 15:05

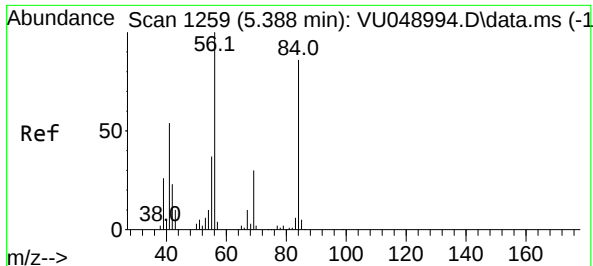
Tgt Ion: 62 Resp: 175418

Ion Ratio Lower Upper

62 100

98 7.9 7.0 10.4





#29

Cyclohexane

Concen: 43.901 ug/L

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048997.D

Acq: 10 Jun 2022 15:05

Instrument :

MSVOA_U

ClientSampleId :

VICV079

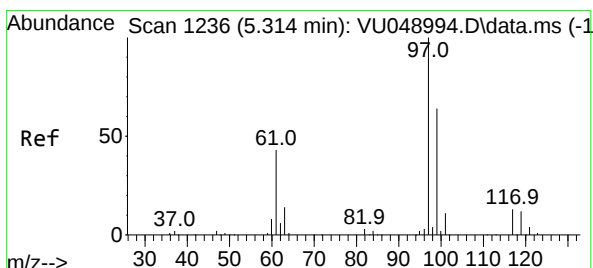
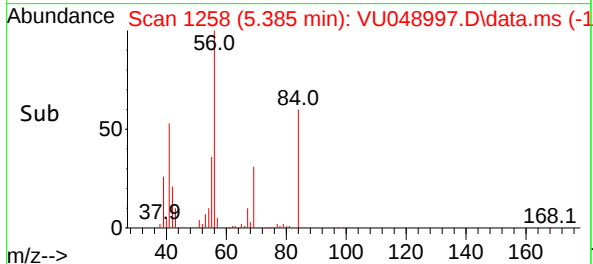
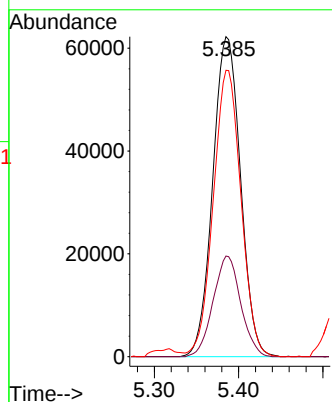
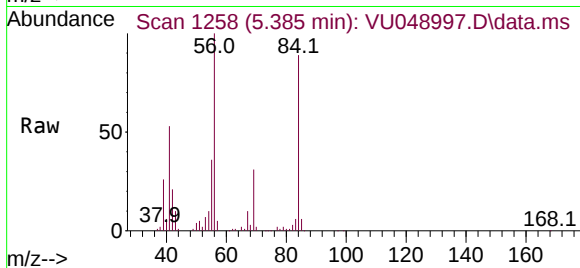
Tgt Ion: 56 Resp: 142338

Ion Ratio Lower Upper

56 100

69 31.2 24.6 36.8

84 89.4 69.7 104.5



#30

1,1,1-Trichloroethane

Concen: 47.526 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU048997.D

Acq: 10 Jun 2022 15:05

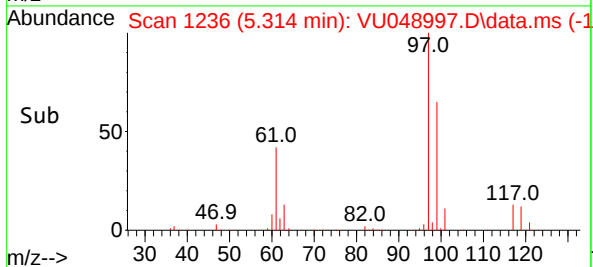
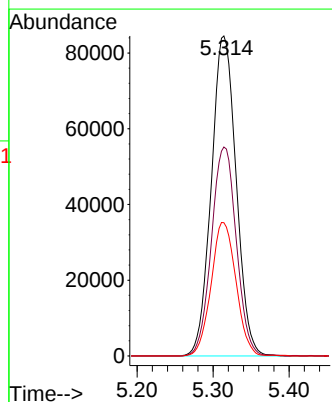
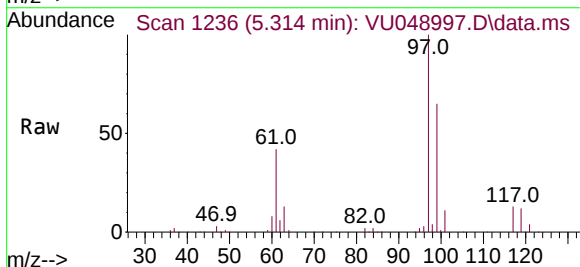
Tgt Ion: 97 Resp: 192019

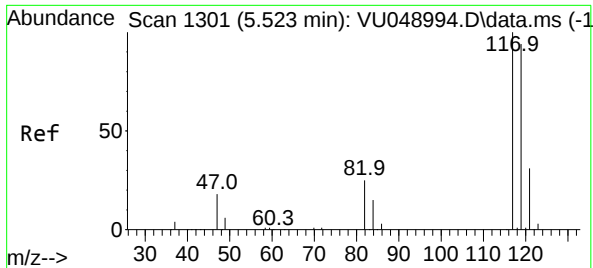
Ion Ratio Lower Upper

97 100

99 65.4 50.9 76.3

61 41.7 34.2 51.2

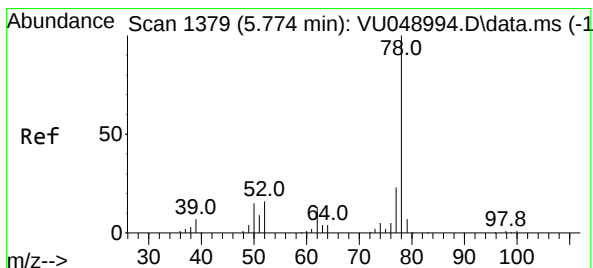
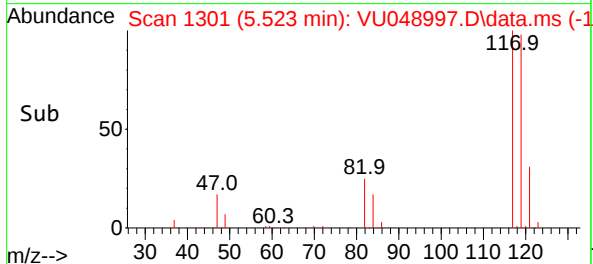
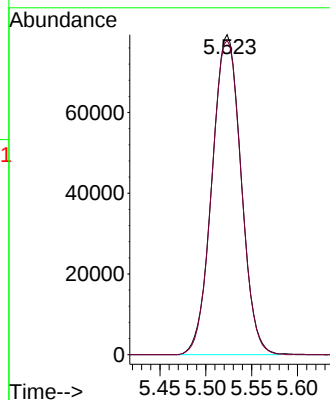
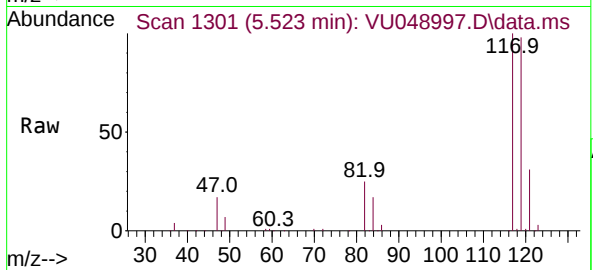




#31
Carbon tetrachloride
Concen: 49.404 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

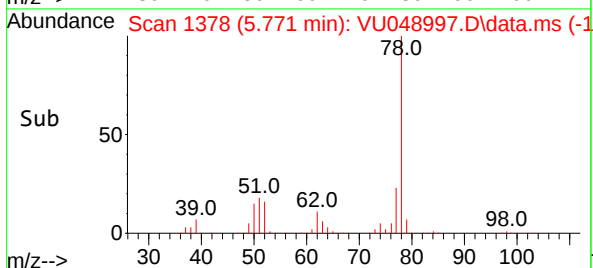
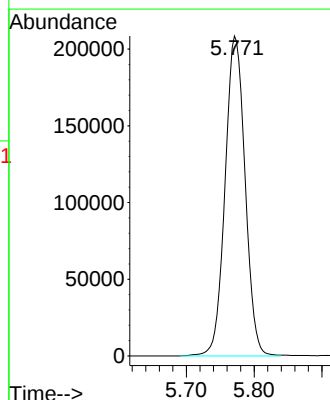
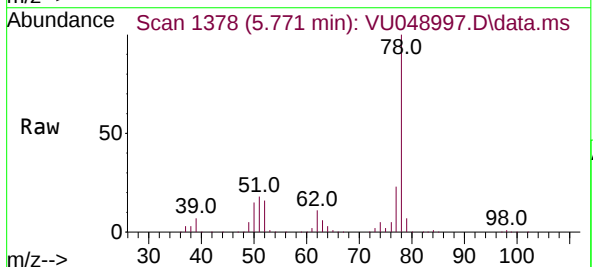
Instrument :
MSVOA_U
ClientSampleId :
VICV079

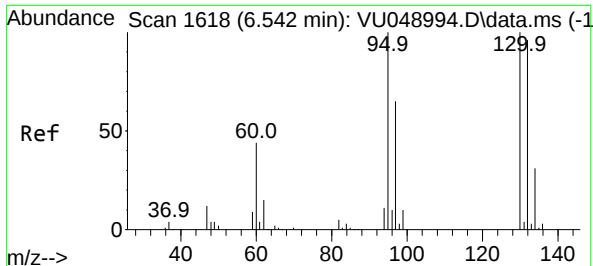
Tgt Ion:117 Resp: 174569
Ion Ratio Lower Upper
117 100
119 98.9 76.5 114.7



#33
Benzene
Concen: 45.608 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

Tgt Ion: 78 Resp: 428072

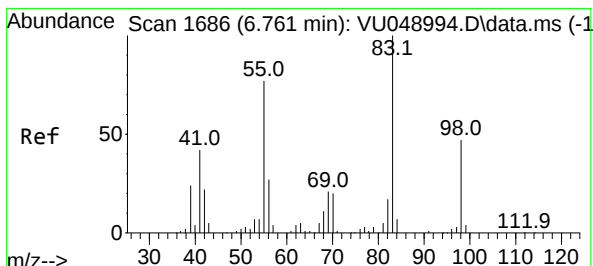
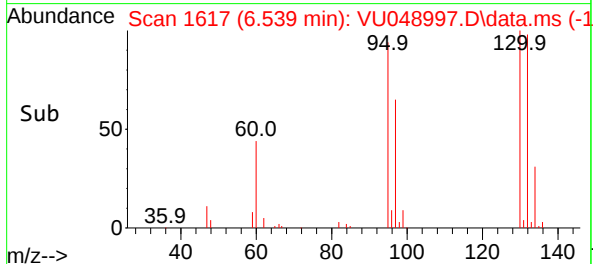
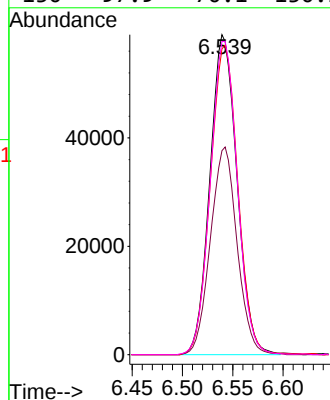
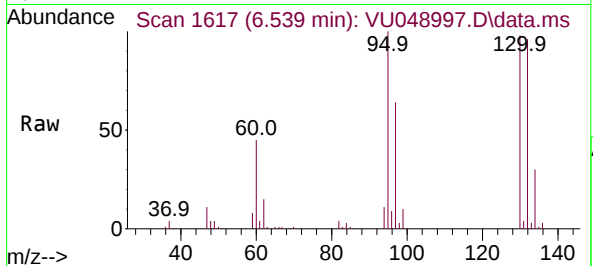




#34
Trichloroethene
Concen: 46.735 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

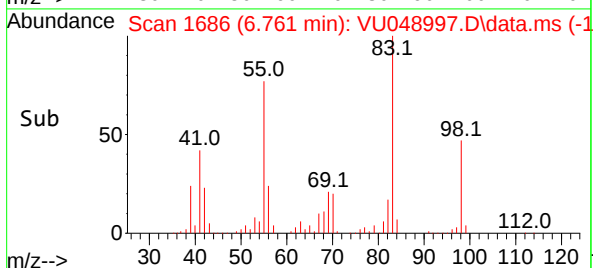
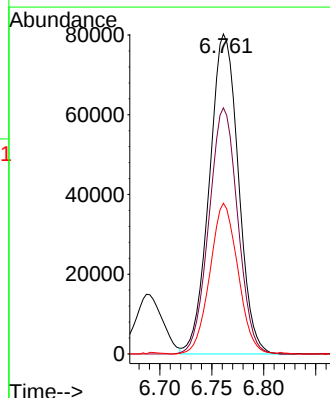
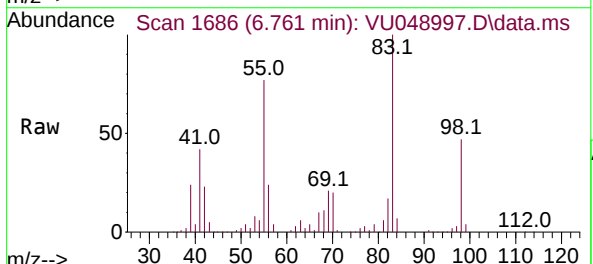
Instrument :
MSVOA_U
ClientSampleId :
VICV079

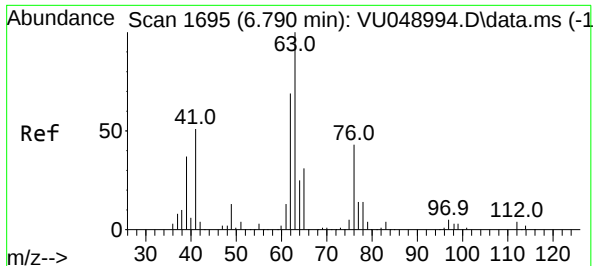
Tgt Ion: 95 Resp: 110571
Ion Ratio Lower Upper
95 100
97 63.8 45.4 84.4
132 95.5 67.6 125.6
130 97.9 70.1 130.3



#35
Methylcyclohexane
Concen: 47.208 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

Tgt Ion: 83 Resp: 155901
Ion Ratio Lower Upper
83 100
55 76.3 61.0 91.6
98 45.5 36.8 55.2





#37

1,2-Dichloropropane

Concen: 44.466 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048997.D

Acq: 10 Jun 2022 15:05

Instrument :

MSVOA_U

ClientSampleId :

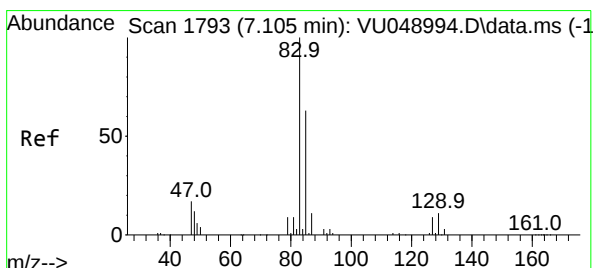
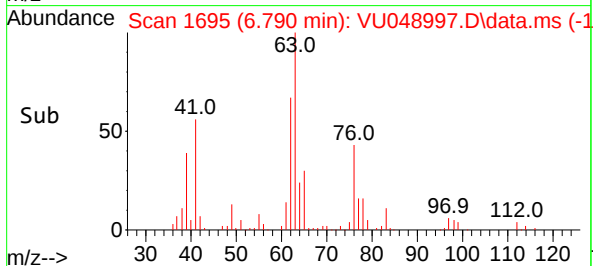
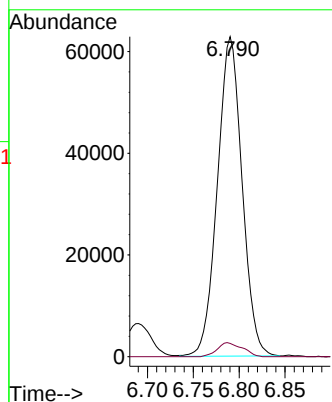
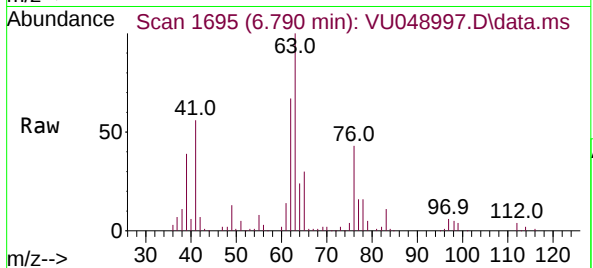
VICV079

Tgt Ion: 63 Resp: 117692

Ion Ratio Lower Upper

63 100

112 4.5 3.2 4.8



#38

Bromodichloromethane

Concen: 46.664 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU048997.D

Acq: 10 Jun 2022 15:05

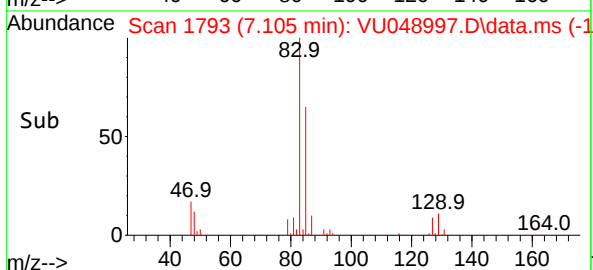
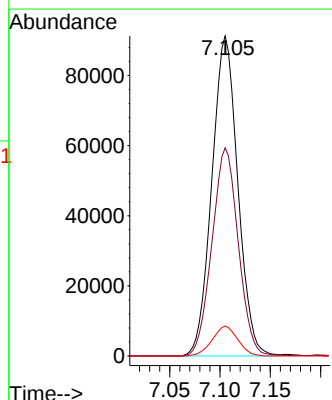
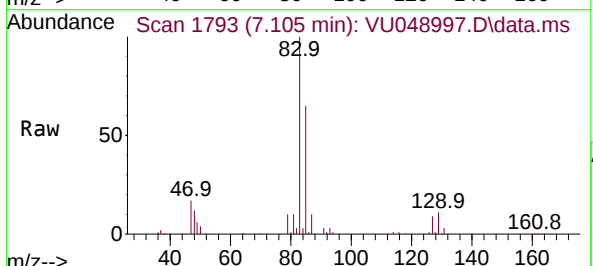
Tgt Ion: 83 Resp: 163981

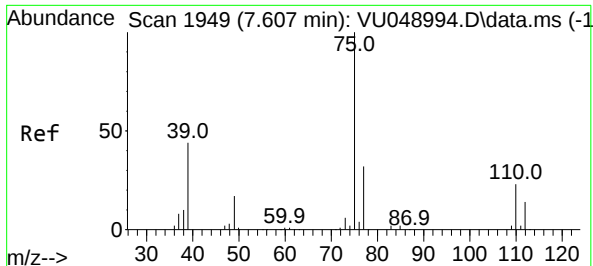
Ion Ratio Lower Upper

83 100

85 65.1 44.0 81.6

127 9.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 46.783 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU048997.D

Acq: 10 Jun 2022 15:05

Instrument :

MSVOA_U

ClientSampleId :

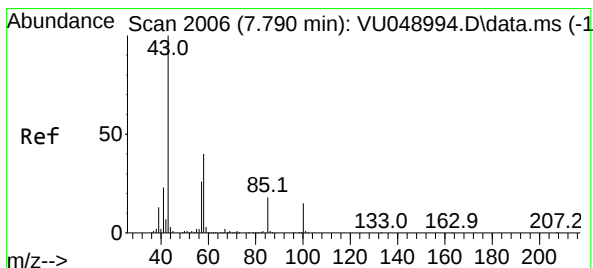
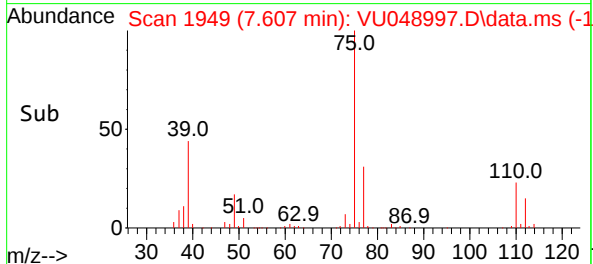
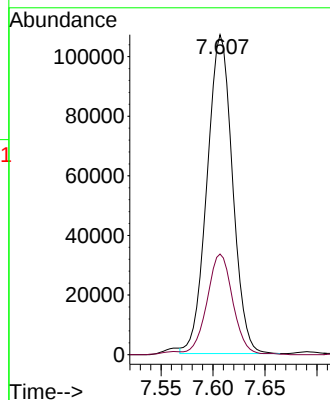
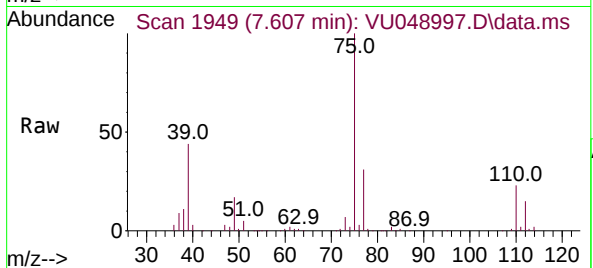
VICV079

Tgt Ion: 75 Resp: 182200

Ion Ratio Lower Upper

75 100

77 31.4 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 104.882 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU048997.D

Acq: 10 Jun 2022 15:05

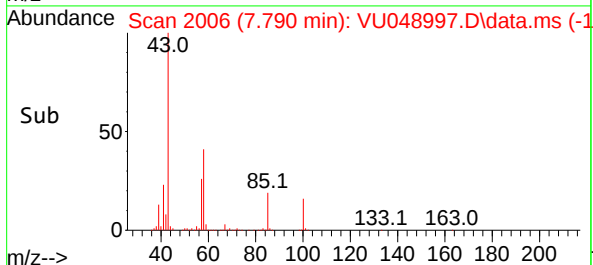
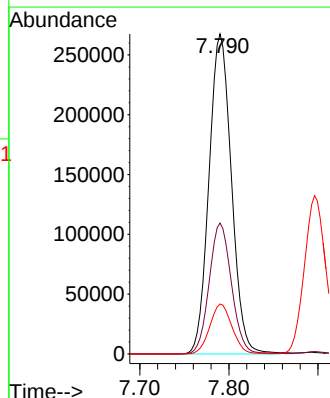
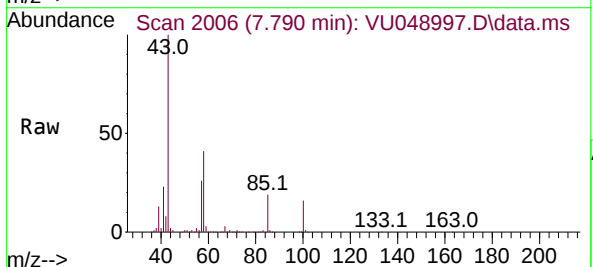
Tgt Ion: 43 Resp: 467687

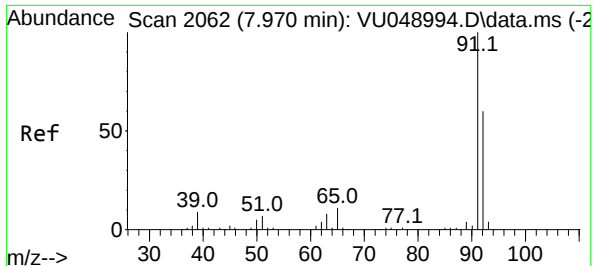
Ion Ratio Lower Upper

43 100

58 40.6 32.2 48.4

100 15.5 12.3 18.5





#42

Toluene

Concen: 48.913 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU048997.D

Acq: 10 Jun 2022 15:05

Instrument :

MSVOA_U

ClientSampleId :

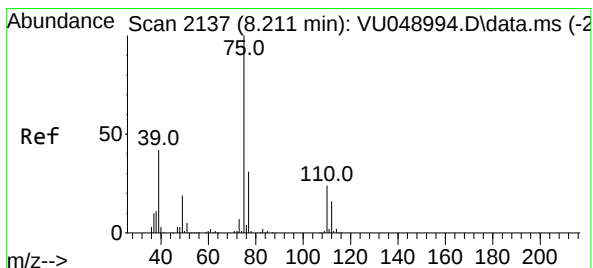
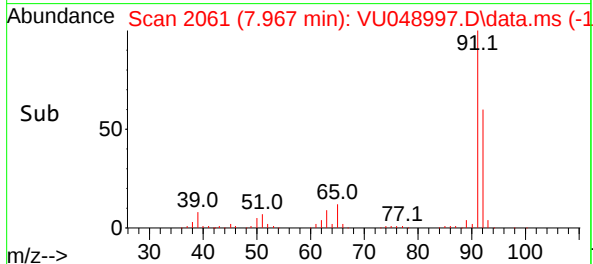
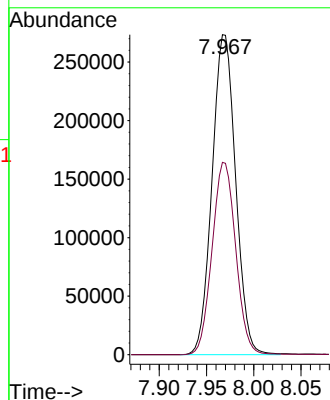
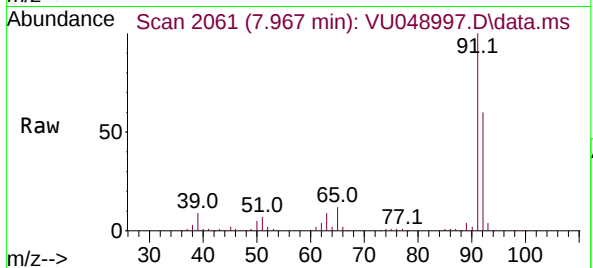
VICV079

Tgt Ion: 91 Resp: 474519

Ion Ratio Lower Upper

91 100

92 60.1 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 49.050 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU048997.D

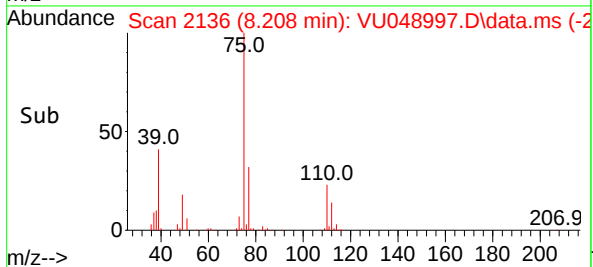
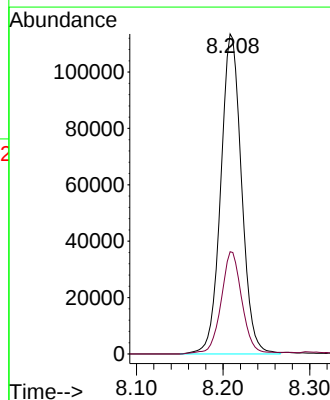
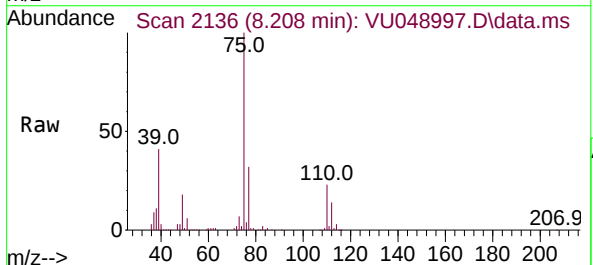
Acq: 10 Jun 2022 15:05

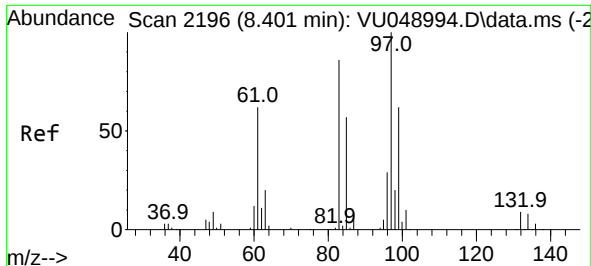
Tgt Ion: 75 Resp: 189157

Ion Ratio Lower Upper

75 100

77 32.0 21.9 40.7

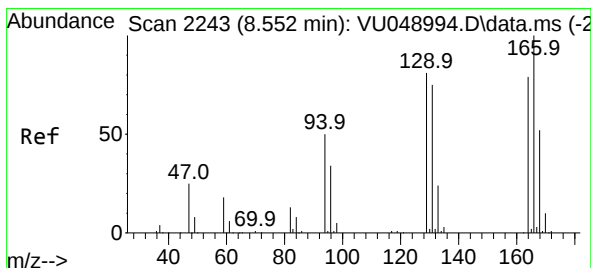
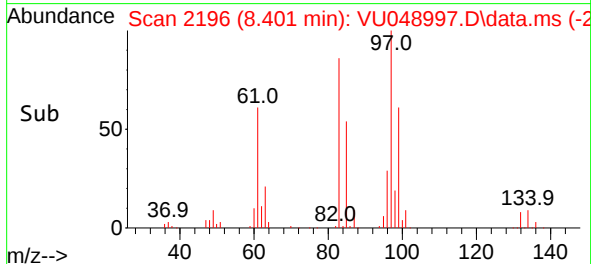
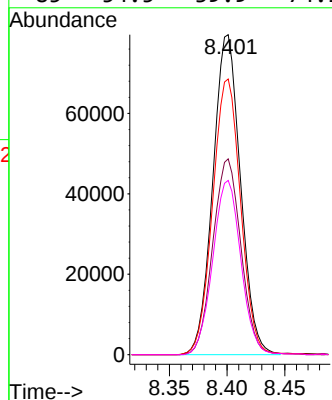
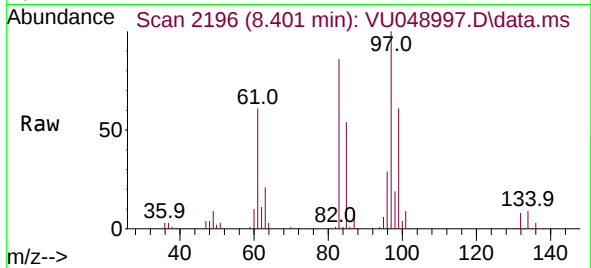




#45
1,1,2-Trichloroethane
Concen: 51.584 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

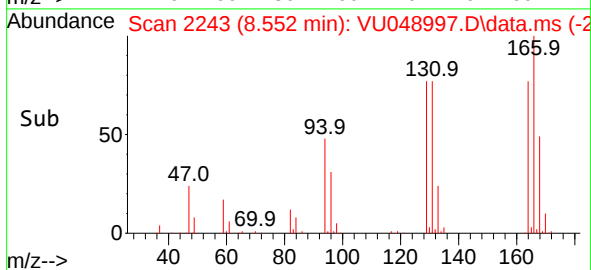
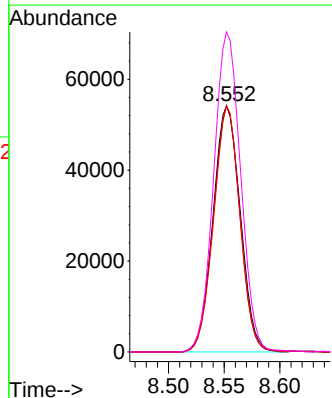
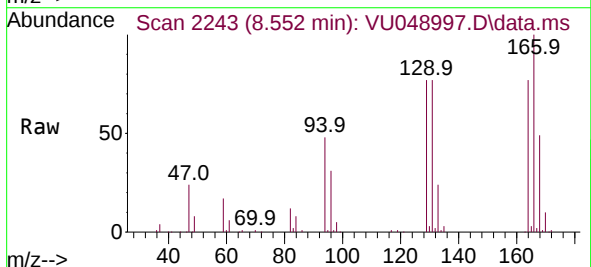
Instrument :
MSVOA_U
ClientSampleId :
VICV079

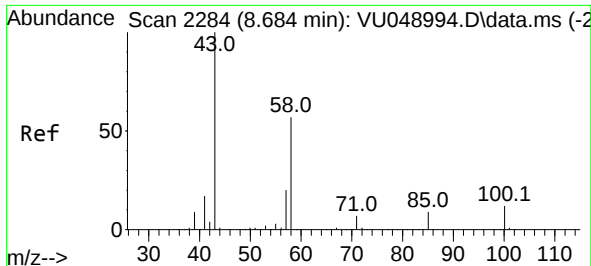
Tgt Ion:	97	Resp:	132298
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.5	80.9
83	86.1	60.3	112.1
85	54.5	39.9	74.1



#46
Tetrachloroethene
Concen: 50.307 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

Tgt Ion:	164	Resp:	92275
Ion	Ratio	Lower	Upper
164	100		
129	100.4	70.9	131.7
131	99.9	66.2	123.0
166	130.2	88.1	163.5

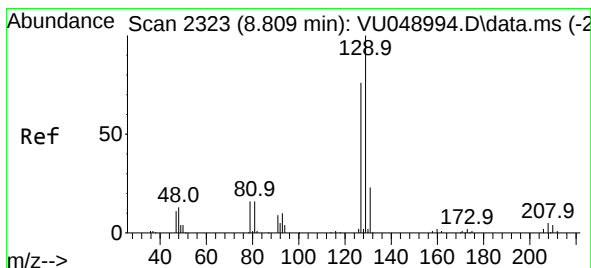
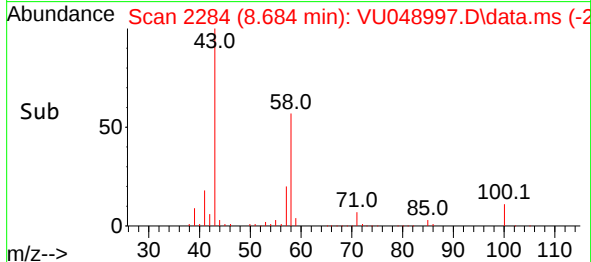
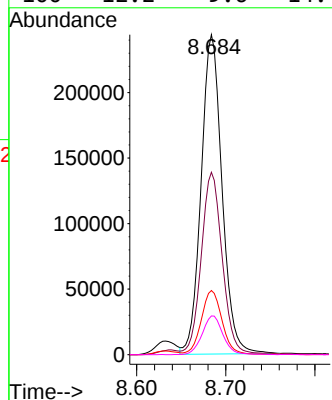
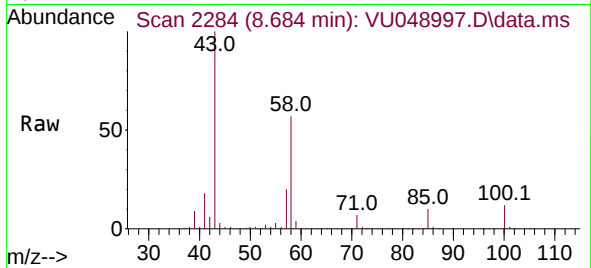




#48
2-Hexanone
Concen: 109.555 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

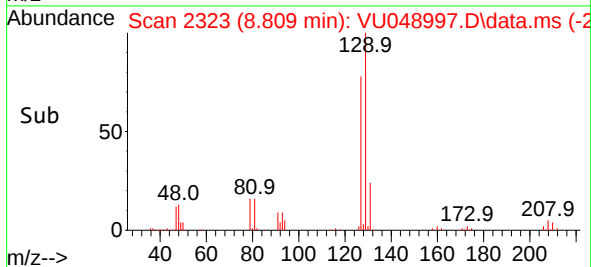
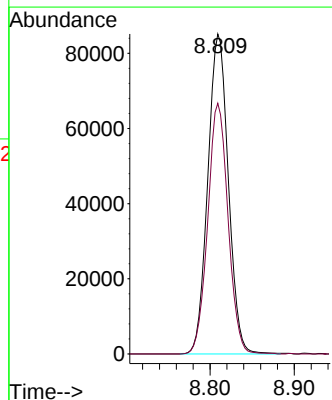
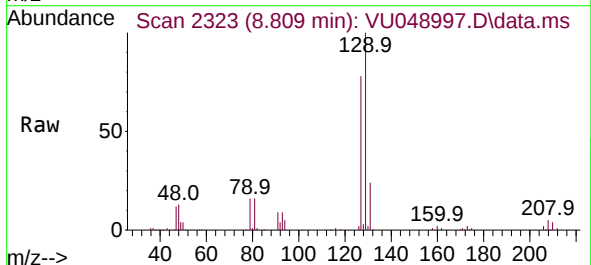
Instrument :
MSVOA_U
ClientSampleId :
VICV079

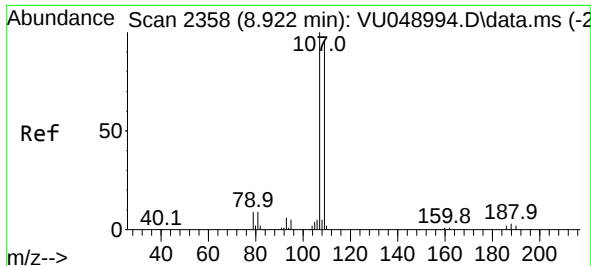
Tgt Ion: 43	Resp: 397151
Ion Ratio	Lower Upper
43 100	
58 56.4	45.8 68.8
57 20.1	16.2 24.4
100 12.2	9.6 14.4



#49
Dibromochloromethane
Concen: 50.521 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

Tgt	Ion:129	Resp:	144267
Ion	Ratio	Lower	Upper
129	100		
127	78.4	53.5	99.5

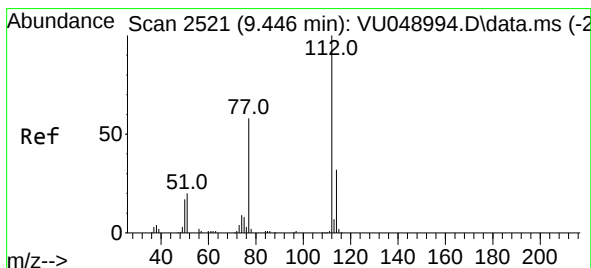
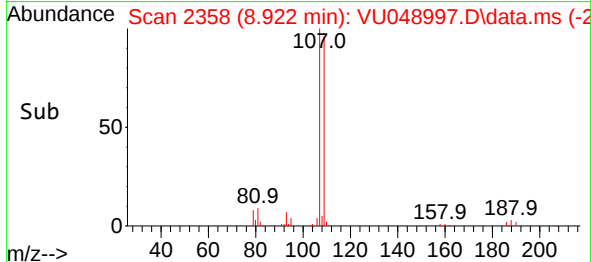
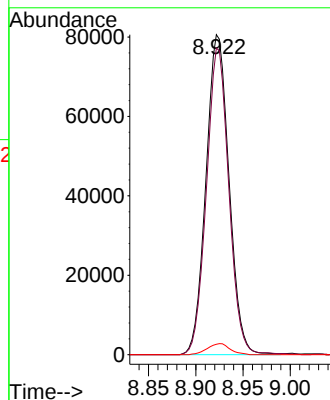
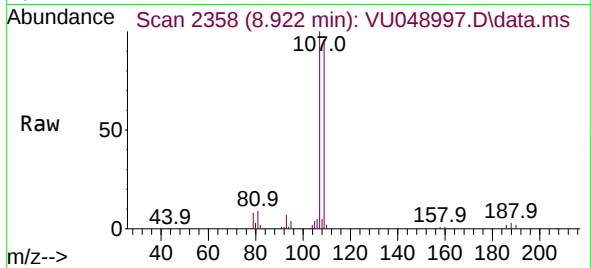




#50
1,2-Dibromoethane
Concen: 50.708 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

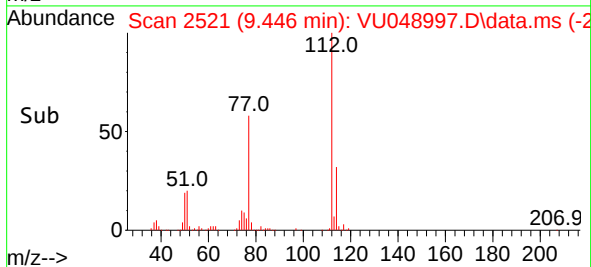
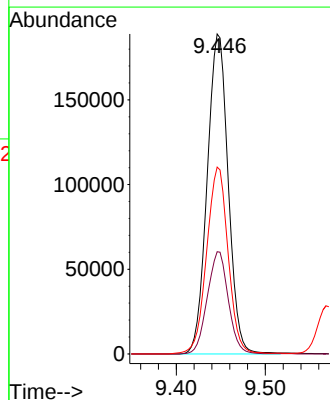
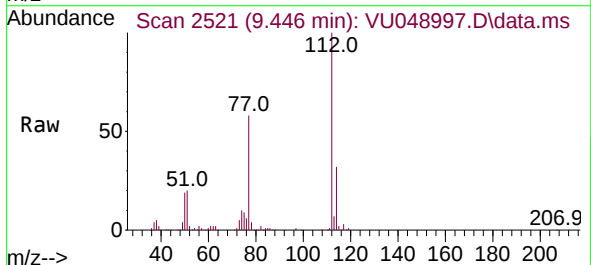
Instrument :
MSVOA_U
ClientSampleId :
VICV079

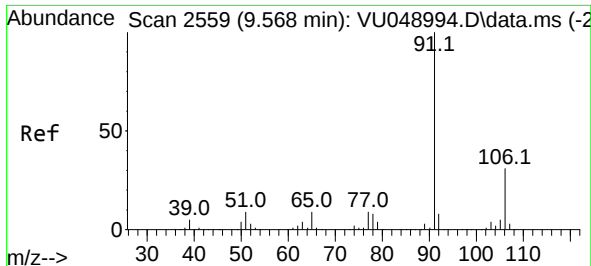
Tgt Ion:107 Resp: 136815
Ion Ratio Lower Upper
107 100
109 95.8 67.2 124.8
188 3.2 2.7 4.1



#51
Chlorobenzene
Concen: 47.113 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

Tgt Ion:112 Resp: 308961
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.3
77 58.4 47.1 70.7

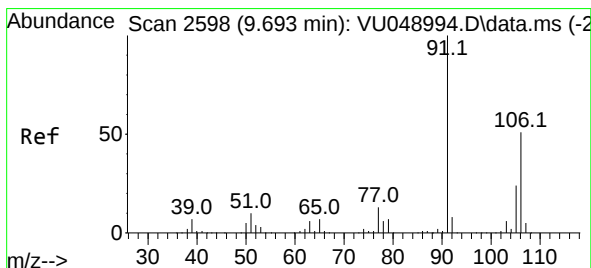
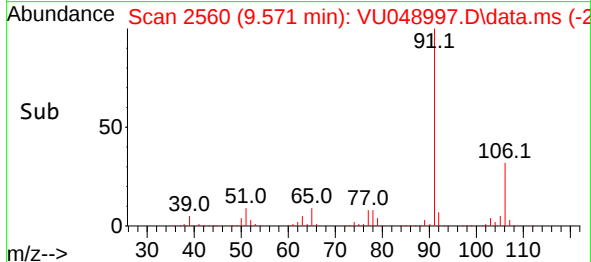
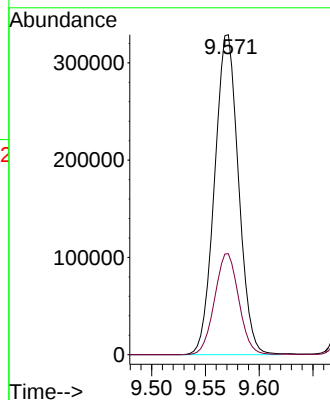
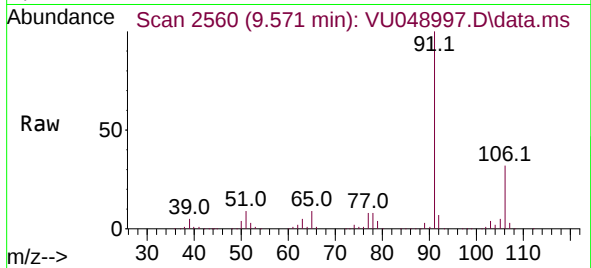




#52
Ethylbenzene
Concen: 48.301 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

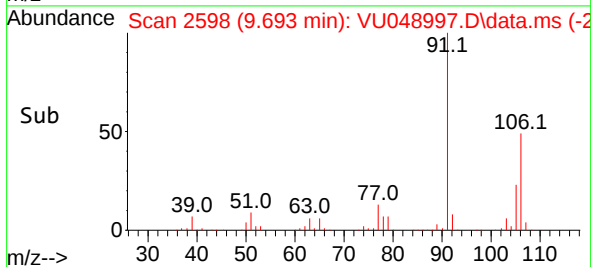
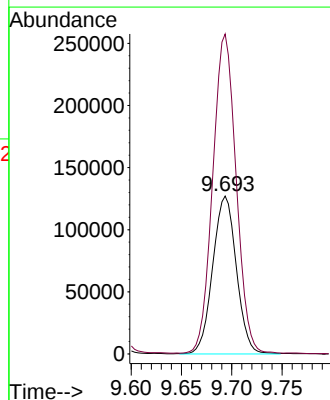
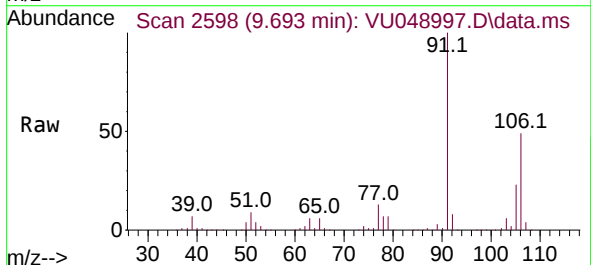
Instrument :
MSVOA_U
ClientSampleId :
VICV079

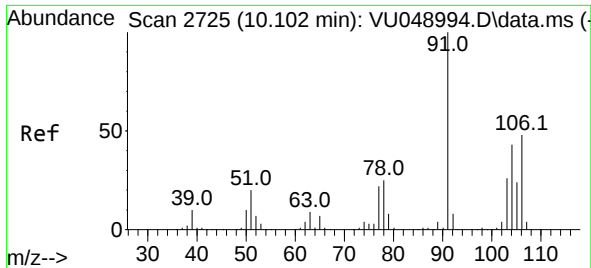
Tgt Ion: 91 Resp: 509477
Ion Ratio Lower Upper
91 100
106 31.6 21.6 40.2



#53
m,p-Xylene
Concen: 50.155 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

Tgt Ion: 106 Resp: 207751
Ion Ratio Lower Upper
106 100
91 202.7 137.4 255.2

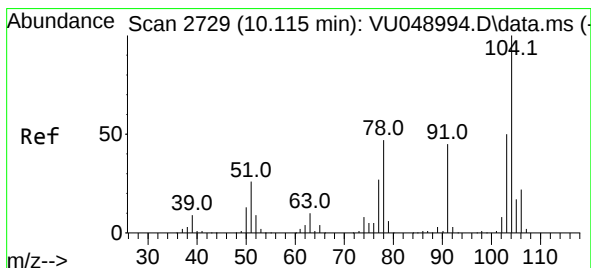
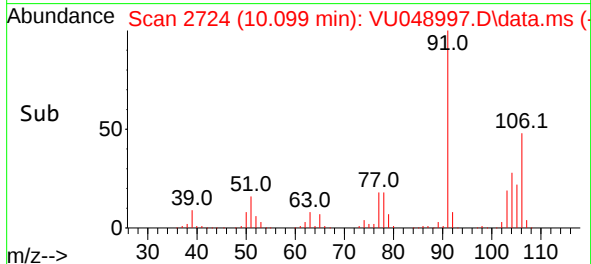
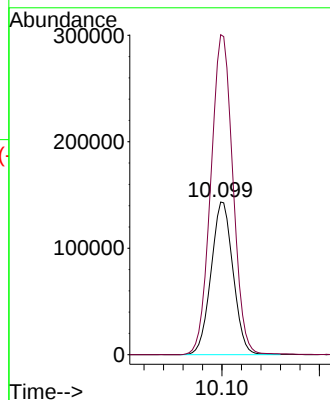
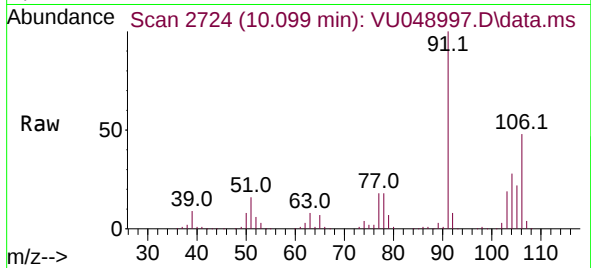




#54
o-Xylene
Concen: 53.871 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

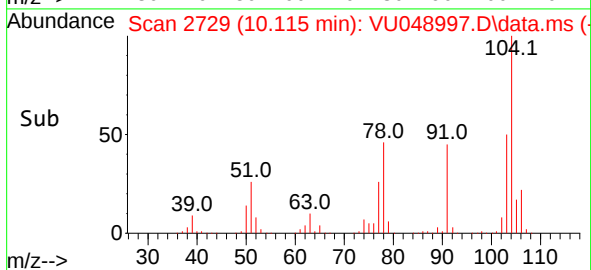
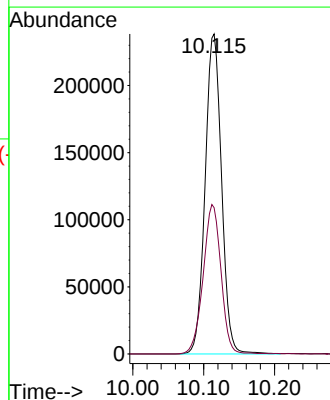
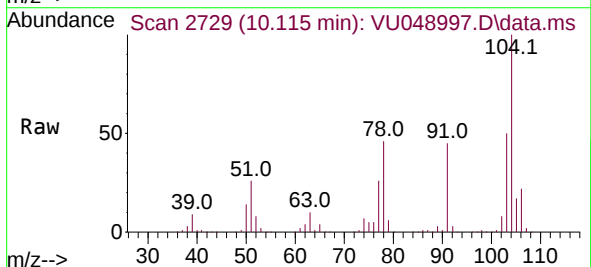
Instrument :
MSVOA_U
ClientSampleId :
VICV079

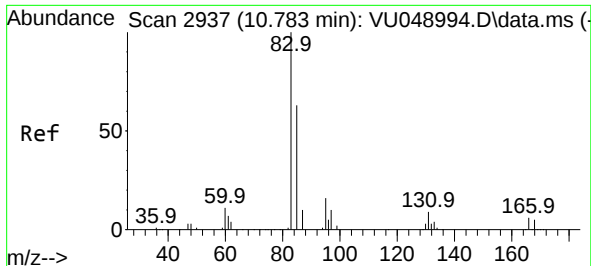
Tgt Ion:106 Resp: 224820
Ion Ratio Lower Upper
106 100
91 209.7 145.2 269.6



#55
Styrene
Concen: 55.048 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

Tgt Ion:104 Resp: 383645
Ion Ratio Lower Upper
104 100
78 45.7 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 51.886 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU048997.D

Acq: 10 Jun 2022 15:05

Instrument :

MSVOA_U

ClientSampleId :

VICV079

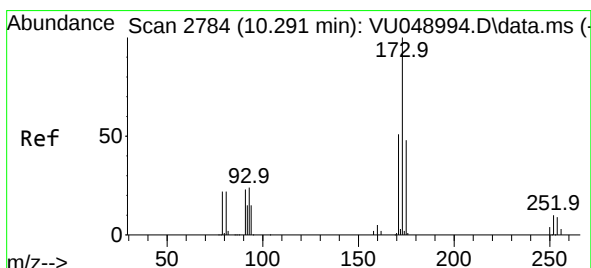
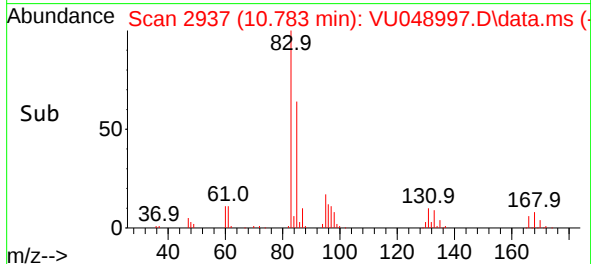
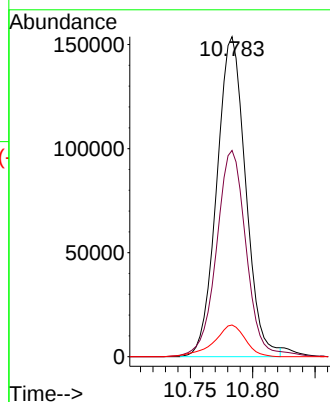
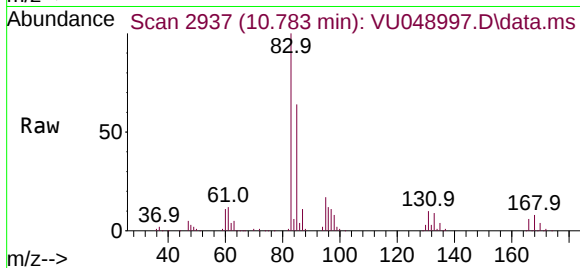
Tgt Ion: 83 Resp: 247993

Ion Ratio Lower Upper

83 100

85 64.5 44.5 82.7

131 9.9 7.6 11.4



#59

Bromoform

Concen: 47.957 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU048997.D

Acq: 10 Jun 2022 15:05

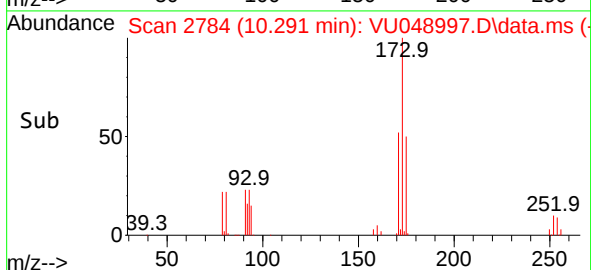
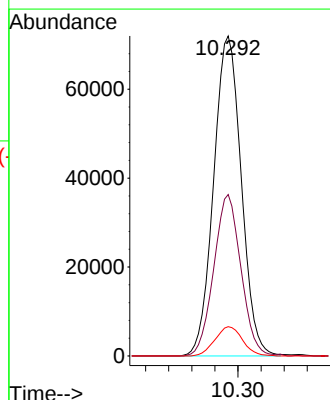
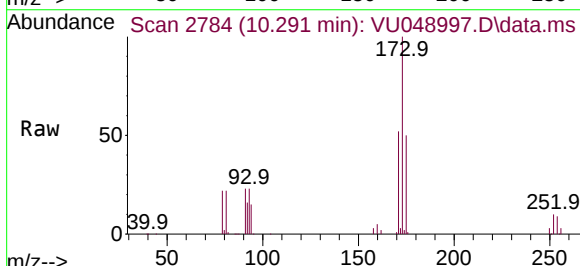
Tgt Ion:173 Resp: 119545

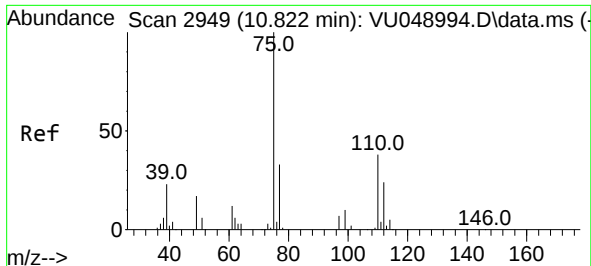
Ion Ratio Lower Upper

173 100

175 49.5 37.8 56.8

254 9.1 7.2 10.8

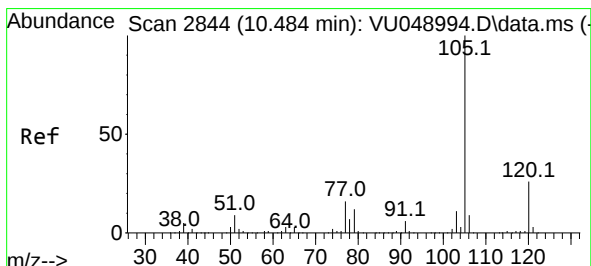
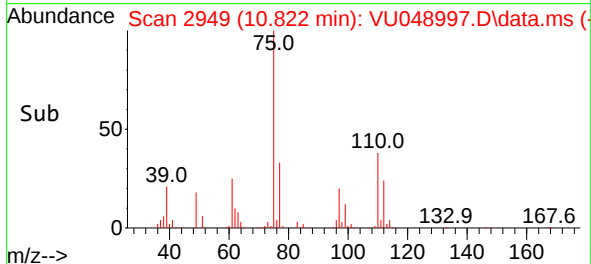
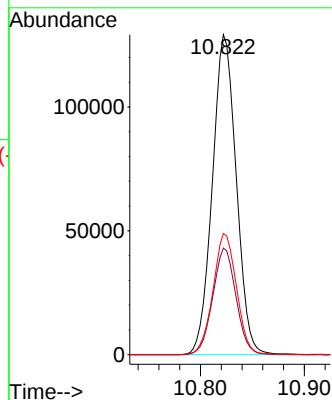
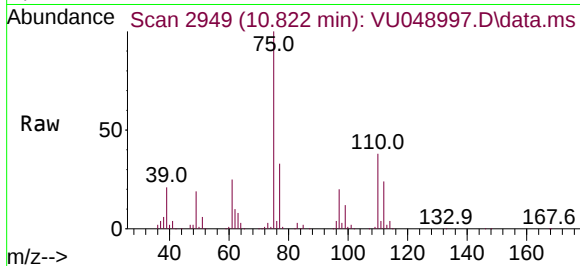




#60
1,2,3-Trichloropropane
Concen: 48.117 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

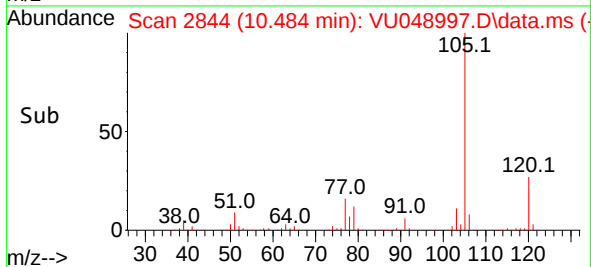
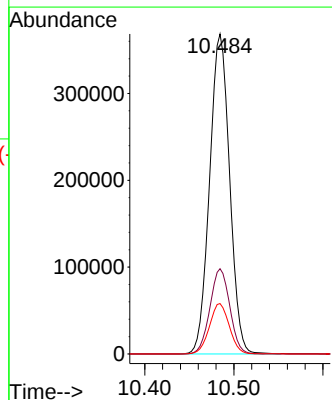
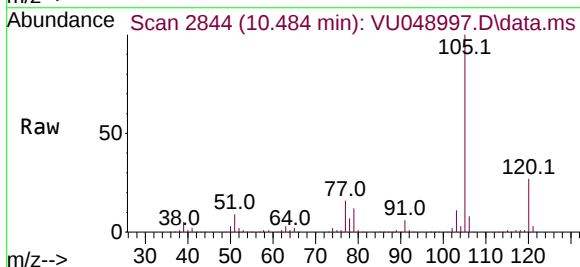
Instrument :
MSVOA_U
ClientSampleId :
VICV079

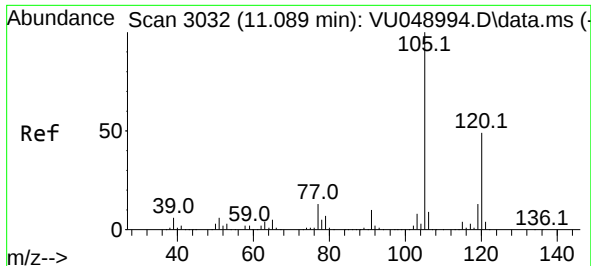
Tgt Ion: 75 Resp: 206156
Ion Ratio Lower Upper
75 100
77 32.5 26.6 40.0
110 37.3 30.2 45.4



#61
Isopropylbenzene
Concen: 50.059 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

Tgt Ion: 105 Resp: 574346
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 15.7 12.7 19.1





#62

1,3,5-Trimethylbenzene

Concen: 51.583 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU048997.D

Acq: 10 Jun 2022 15:05

Instrument :

MSVOA_U

ClientSampleId :

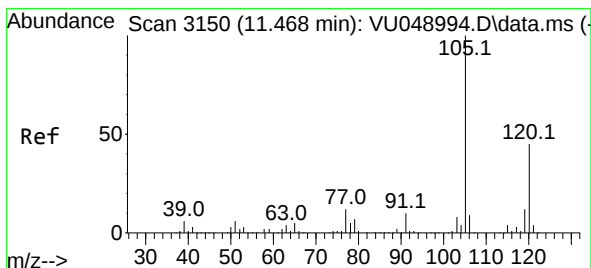
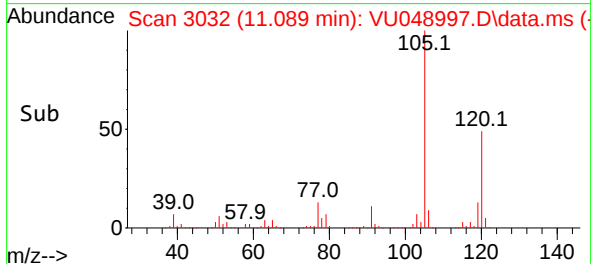
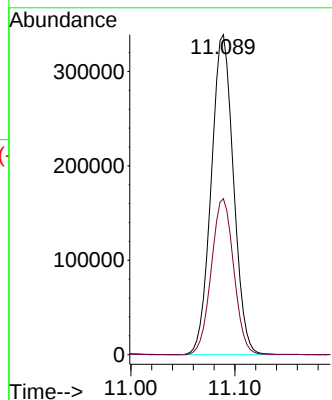
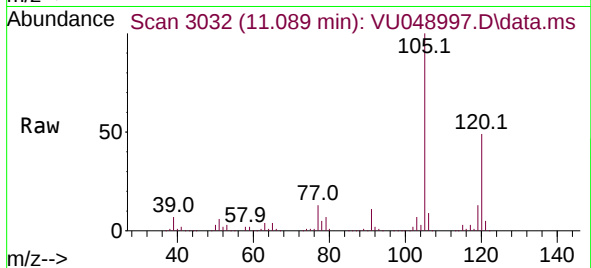
VICV079

Tgt Ion:105 Resp: 505282

Ion Ratio Lower Upper

105 100

120 49.2 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 50.591 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU048997.D

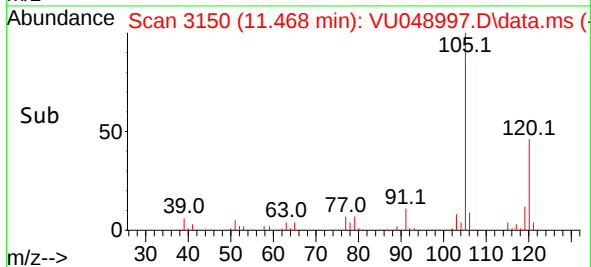
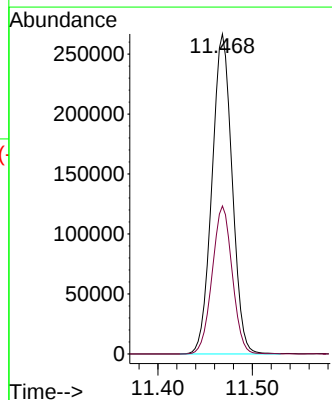
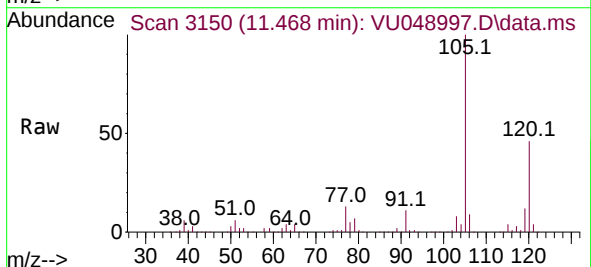
Acq: 10 Jun 2022 15:05

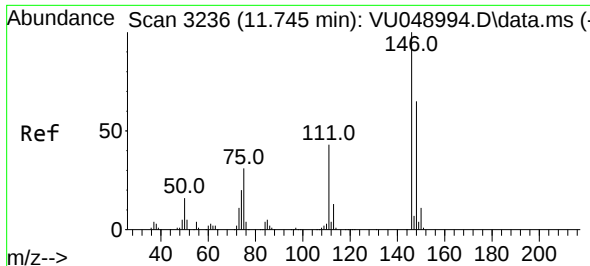
Tgt Ion:105 Resp: 394539

Ion Ratio Lower Upper

105 100

120 46.0 36.3 54.5

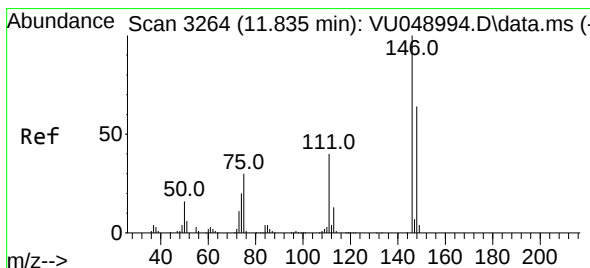
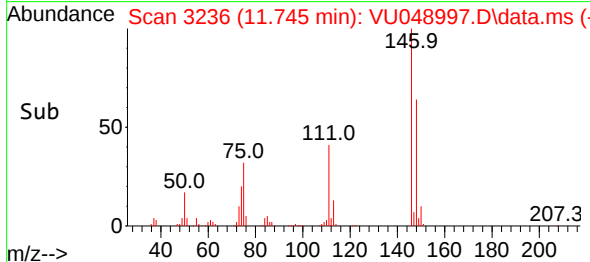
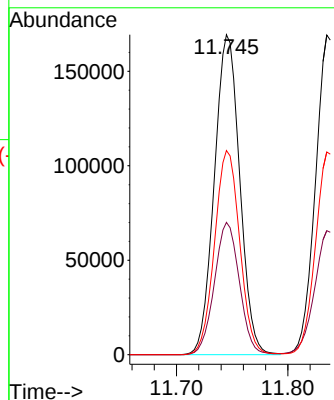
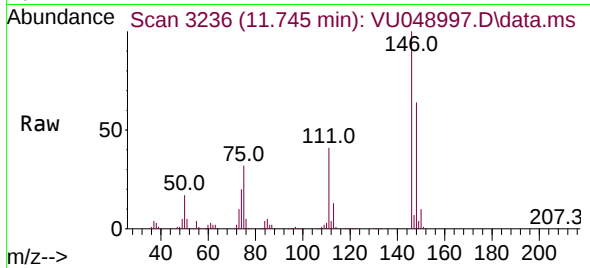




#64
1,3-Dichlorobenzene
Concen: 47.646 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

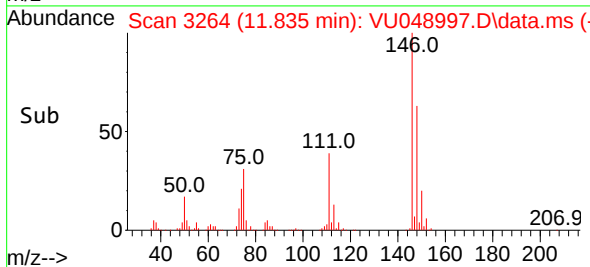
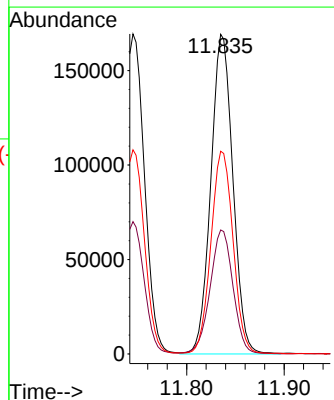
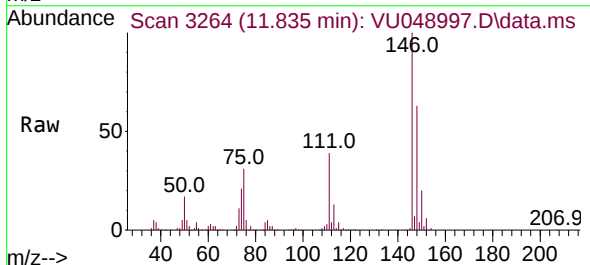
Instrument :
MSVOA_U
ClientSampleId :
VICV079

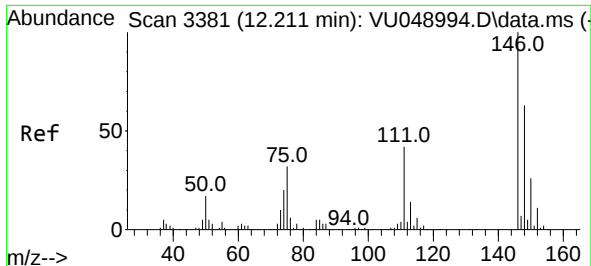
Tgt Ion:146 Resp: 268164
Ion Ratio Lower Upper
146 100
111 41.4 29.8 55.3
148 63.8 45.8 85.0



#65
1,4-Dichlorobenzene
Concen: 46.780 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

Tgt Ion:146 Resp: 266573
Ion Ratio Lower Upper
146 100
111 38.8 28.1 52.1
148 63.4 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 48.370 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU048997.D

Acq: 10 Jun 2022 15:05

Instrument :

MSVOA_U

ClientSampleId :

VICV079

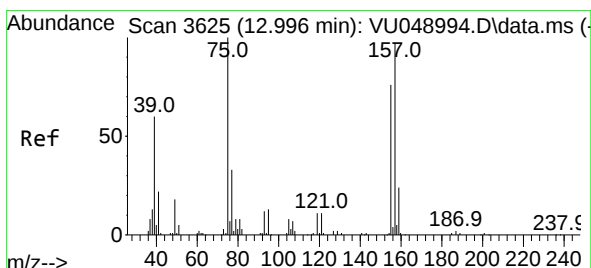
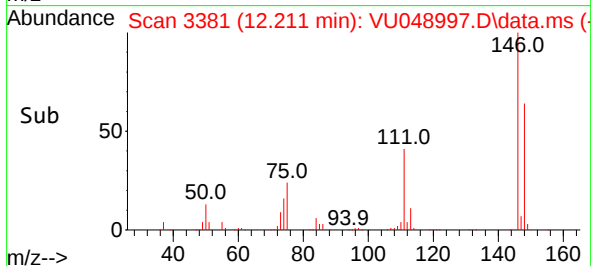
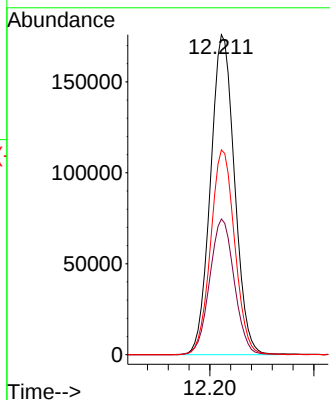
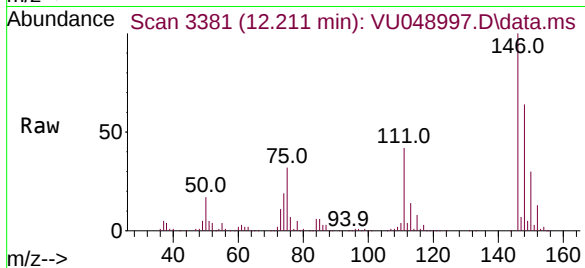
Tgt Ion:146 Resp: 282520

Ion Ratio Lower Upper

146 100

111 42.4 33.9 50.9

148 64.0 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 47.008 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU048997.D

Acq: 10 Jun 2022 15:05

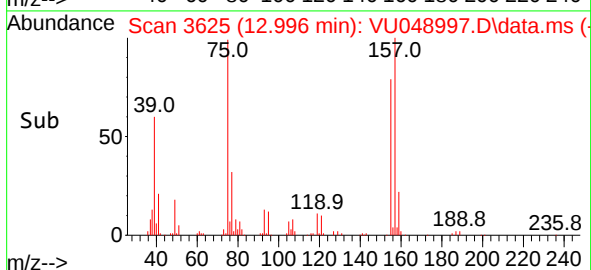
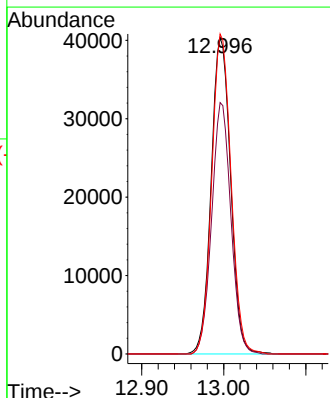
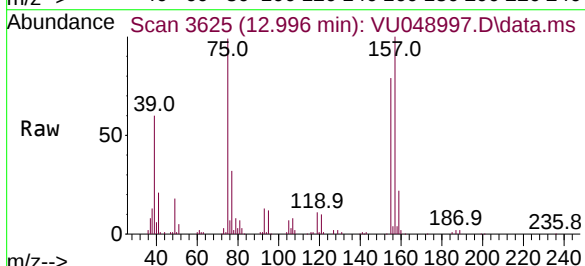
Tgt Ion: 75 Resp: 66474

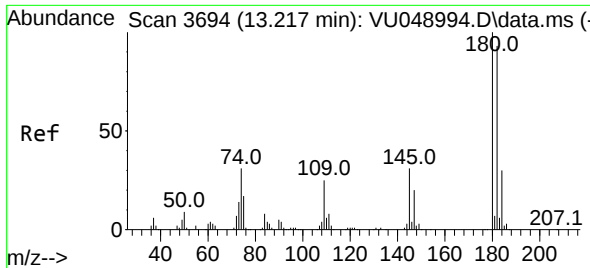
Ion Ratio Lower Upper

75 100

155 79.4 61.0 91.6

157 101.1 77.6 116.4

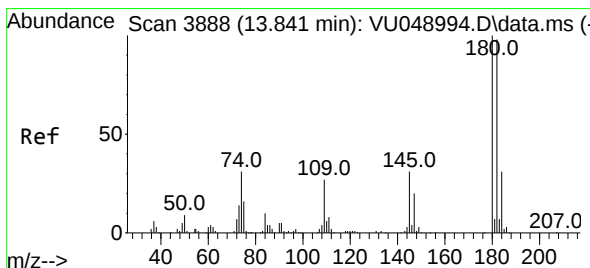
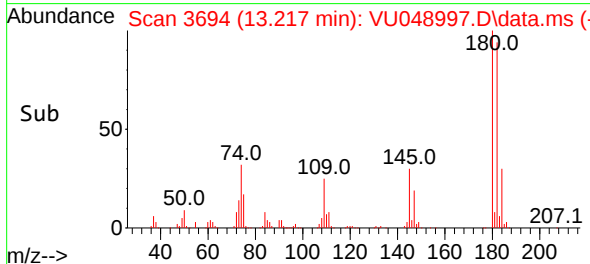
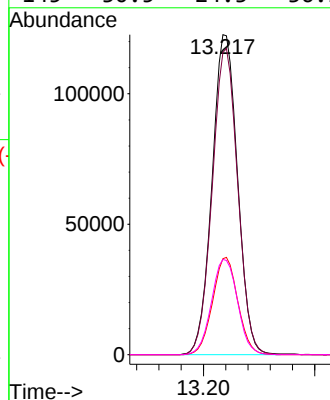
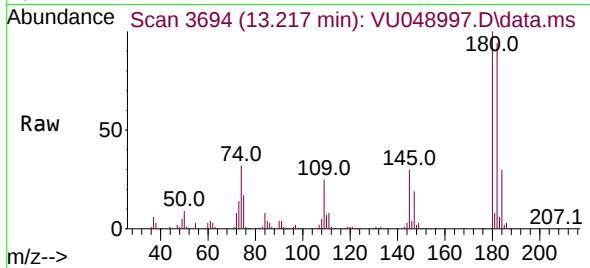




#69
 1,3,5-Trichlorobenzene
 Concen: 48.433 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU048997.D
 Acq: 10 Jun 2022 15:05

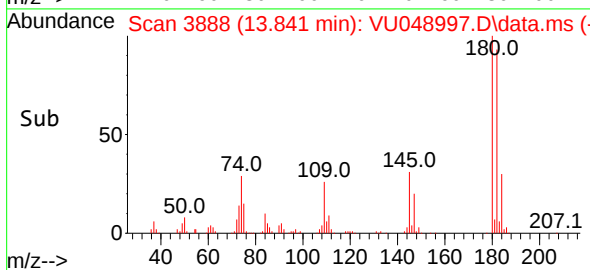
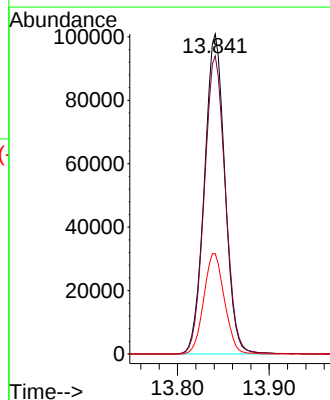
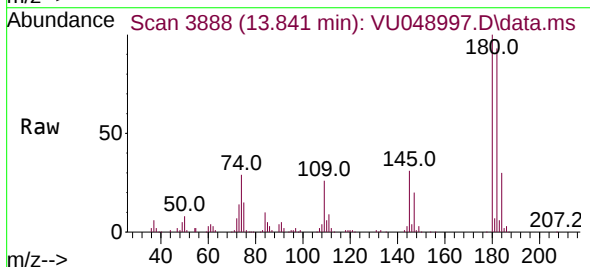
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV079

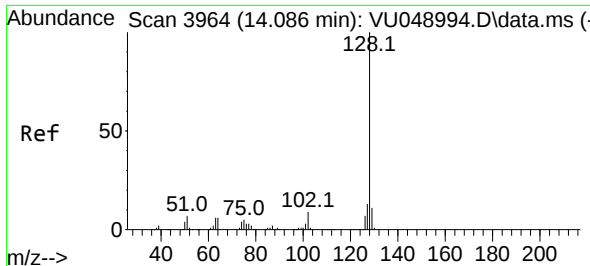
Tgt Ion:	180	Resp:	194734
Ion Ratio	Lower	Upper	
180	100		
182	95.7	76.0	114.0
184	30.2	24.5	36.7
145	30.5	24.3	36.5



#70
 1,2,4-trichlorobenzene
 Concen: 46.073 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048997.D
 Acq: 10 Jun 2022 15:05

Tgt Ion:	180	Resp:	156645
Ion Ratio	Lower	Upper	
180	100		
182	95.7	78.2	117.2
145	31.6	25.0	37.4

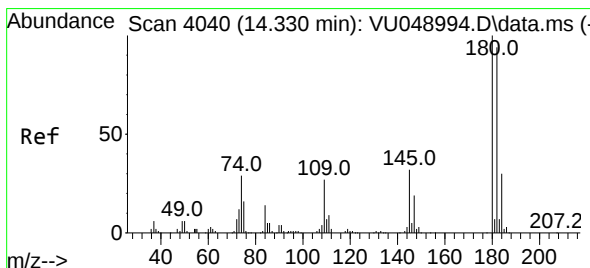
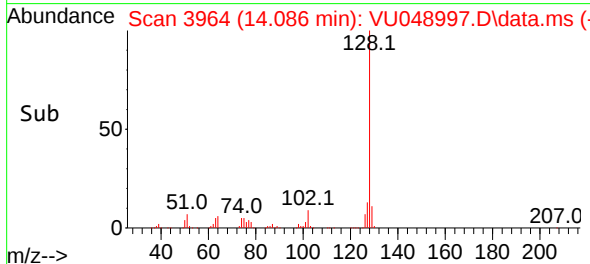
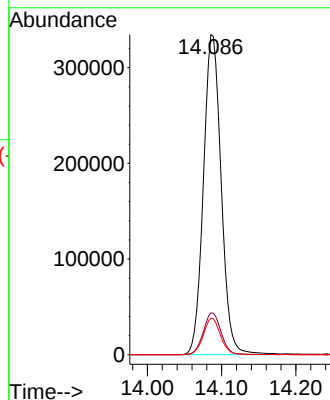
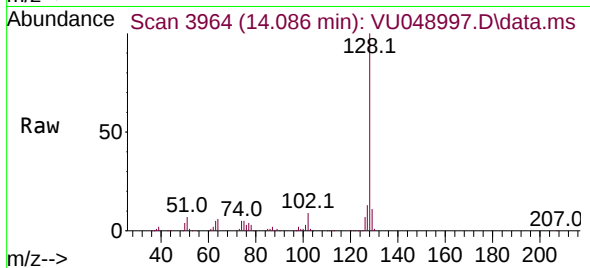




#71
Naphthalene
Concen: 46.191 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

Instrument :
MSVOA_U
ClientSampleId :
VICV079

Tgt Ion:128 Resp: 555617
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.1 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 47.748 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048997.D
Acq: 10 Jun 2022 15:05

Tgt Ion:180 Resp: 171722
Ion Ratio Lower Upper
180 100
182 95.0 77.3 115.9
145 33.5 26.3 39.5

