

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010522\
 Data File : VU046663.D
 Acq On : 05 Jan 2022 14:51
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV042

Quant Time: Jan 06 02:58:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 06 02:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	211937	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	200201	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	103531	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	82097	44.391	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.780%
7) Chloroethane-d5	1.913	69	61866	45.030	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.060%
11) 1,1-Dichloroethene-d2	2.568	63	141234	44.900	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.800%
21) 2-Butanone-d5	4.639	46	112567	83.163	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.160%
24) Chloroform-d	5.064	84	142133	43.595	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.703	65	91409	44.208	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.420%
32) Benzene-d6	5.726	84	285915	45.763	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.520%
36) 1,2-Dichloropropane-d6	6.694	67	85571	44.888	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.780%
41) Toluene-d8	7.899	98	264713	47.394	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.780%
43) trans-1,3-Dichloroprop...	8.179	79	45636	49.690	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.380%
47) 2-Hexanone-d5	8.636	63	96302	95.091	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.090%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	127420	43.158	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.320%
66) 1,2-Dichlorobenzene-d4	12.195	152	99754	46.564	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	90550	46.378	ug/L	100
3) Chloromethane	1.517	50	78185	44.999	ug/L	100
5) Vinyl chloride	1.601	62	84917	47.153	ug/L	99
6) Bromomethane	1.858	94	52317	45.858	ug/L	100
8) Chloroethane	1.935	64	52409	48.081	ug/L	95
9) Trichlorofluoromethane	2.138	101	124720	47.052	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	70594	47.354	ug/L	99
12) 1,1-Dichloroethene	2.578	96	65122	46.392	ug/L	95
13) Acetone	2.658	43	112067	86.997	ug/L	99
14) Carbon disulfide	2.794	76	192191	46.059	ug/L	100
15) Methyl Acetate	2.954	43	74828	45.479	ug/L	98
16) Methylene chloride	3.044	84	76542	44.265	ug/L	99
17) trans-1,2-Dichloroethene	3.353	96	69675	47.476	ug/L	97
18) Methyl tert-butyl Ether	3.359	73	221594	50.820	ug/L	100
19) 1,1-Dichloroethane	3.867	63	124223	46.411	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	77408	49.214	ug/L	99
22) 2-Butanone	4.720	43	127521	86.835	ug/L	98
23) Bromochloromethane	4.973	128	40468	48.132	ug/L	98
25) Chloroform	5.086	83	136832	46.803	ug/L	100

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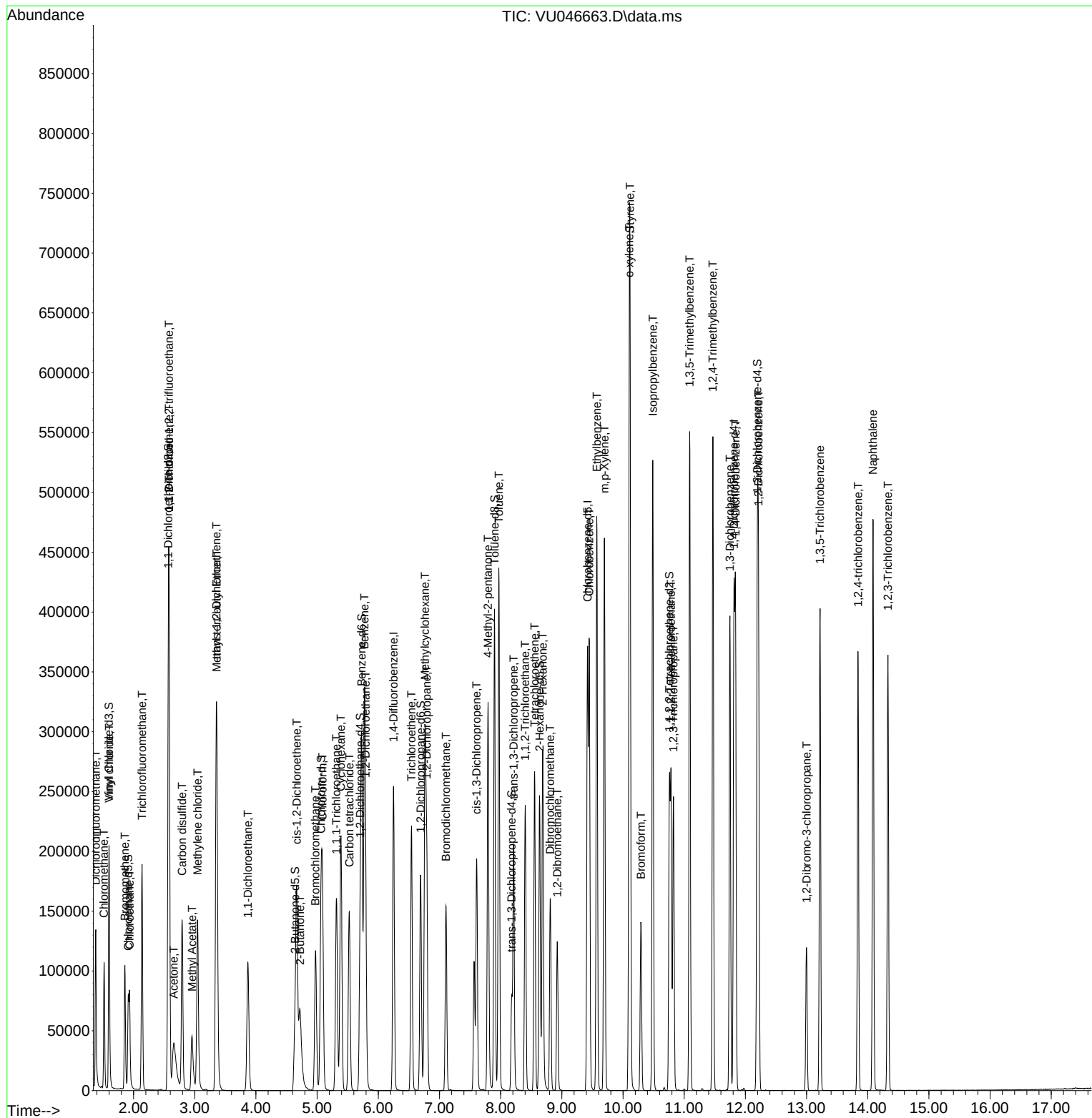
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	106052	47.214	ug/L	99
29) Cyclohexane	5.388	56	109105	51.267	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	122487	50.015	ug/L	99
31) Carbon tetrachloride	5.527	117	106240	50.080	ug/L	99
33) Benzene	5.774	78	291524	48.955	ug/L	100
34) Trichloroethene	6.543	95	75736	48.489	ug/L	99
35) Methylcyclohexane	6.764	83	125914	51.912	ug/L	99
37) 1,2-Dichloropropane	6.790	63	74480	48.879	ug/L	100
38) Bromodichloromethane	7.105	83	102680	49.000	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	120347	51.327	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	200574	96.286	ug/L	99
42) Toluene	7.970	91	317789	50.601	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	117200	51.522	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	75440	48.455	ug/L	98
46) Tetrachloroethene	8.555	164	60486	51.041	ug/L	97
48) 2-Hexanone	8.687	43	173088	98.032	ug/L	100
49) Dibromochloromethane	8.809	129	85159	49.803	ug/L	98
50) 1,2-Dibromoethane	8.925	107	82859	51.057	ug/L	99
51) Chlorobenzene	9.449	112	202826	49.686	ug/L	99
52) Ethylbenzene	9.571	91	344763	51.745	ug/L	99
53) m,p-Xylene	9.697	106	135903	52.814	ug/L	97
54) o-xylene	10.102	106	127793	51.935	ug/L	98
55) Styrene	10.115	104	226164	52.522	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	126688	46.526	ug/L	100
59) Bromoform	10.295	173	64233	51.056	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	104629	48.026	ug/L	100
61) Isopropylbenzene	10.488	105	346017	54.713	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	300630	56.550	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	300047	56.645	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	160835	50.739	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	163152	49.397	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	157276	49.365	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	31137	47.744	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	121665	50.113	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	108551	52.305	ug/L	99
71) Naphthalene	14.086	128	371282	55.006	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	110017	52.461	ug/L	99

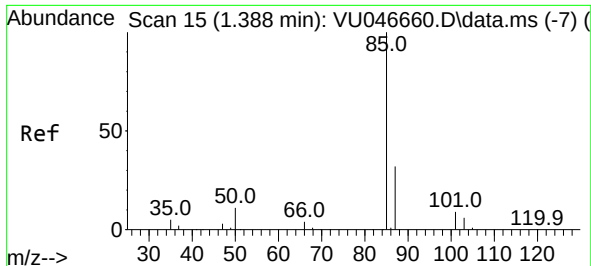
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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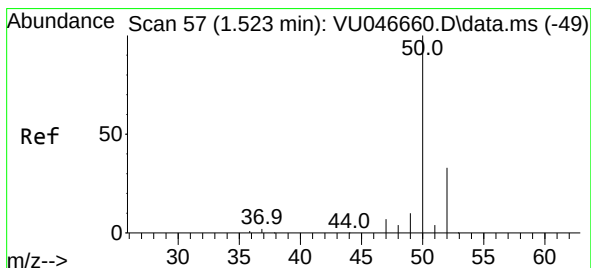
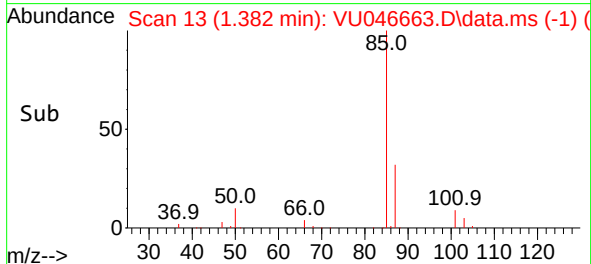
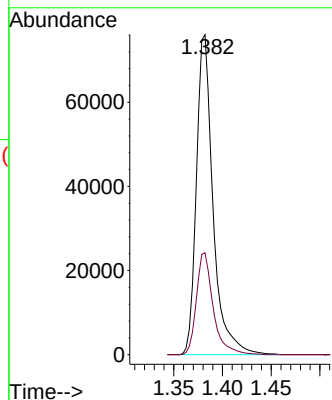
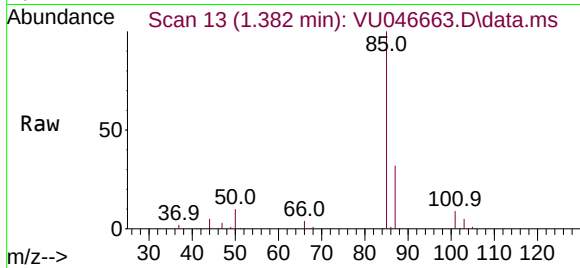




#2
 Dichlorodifluoromethane
 Concen: 46.378 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VU046663.D
 Acq: 05 Jan 2022 14:51

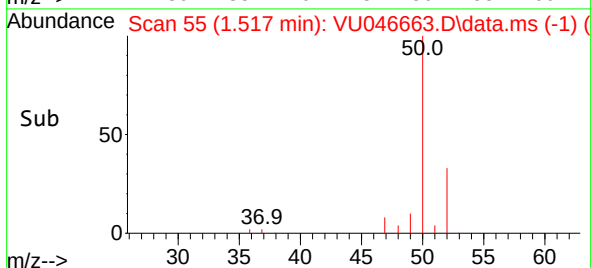
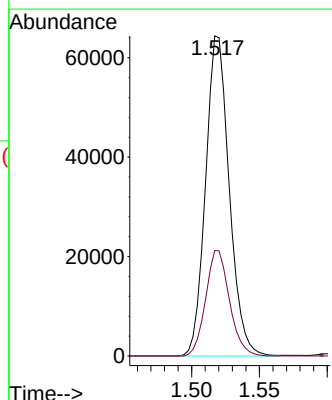
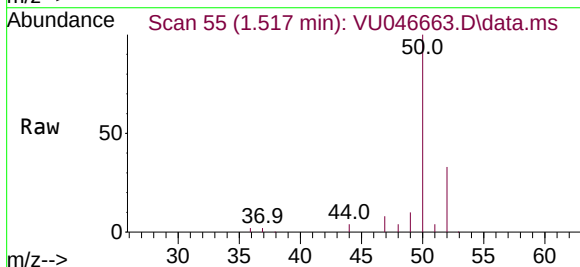
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV042

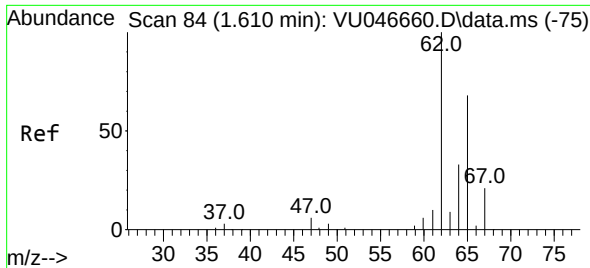
Tgt Ion: 85 Resp: 90550
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.6 38.4



#3
 Chloromethane
 Concen: 44.999 ug/L
 RT: 1.517 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VU046663.D
 Acq: 05 Jan 2022 14:51

Tgt Ion: 50 Resp: 78185
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.2 43.2

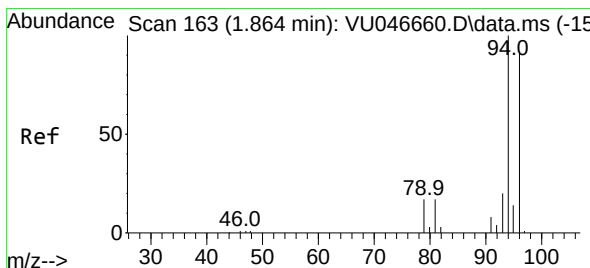
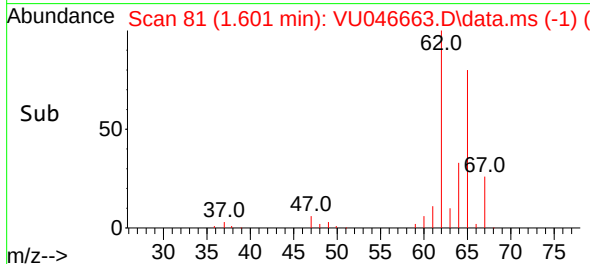
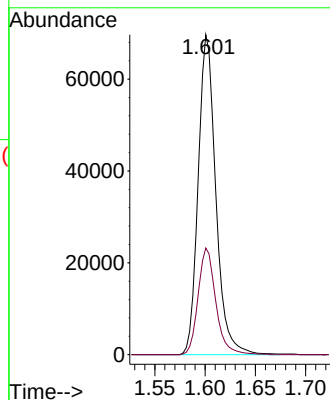
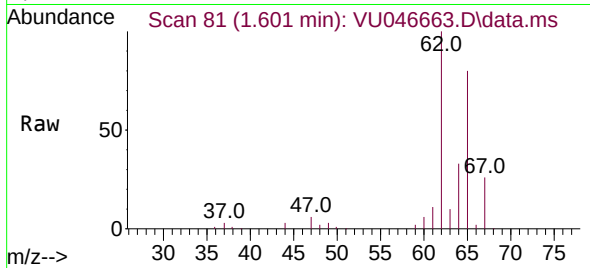




#5
 Vinyl chloride
 Concen: 47.153 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.010 min
 Lab File: VU046663.D
 Acq: 05 Jan 2022 14:51

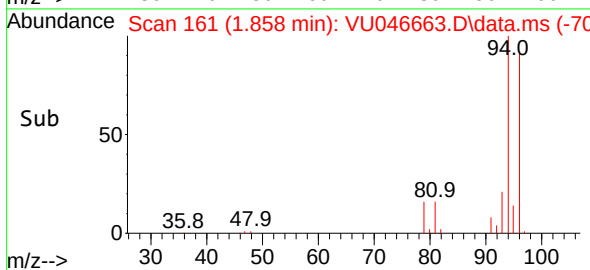
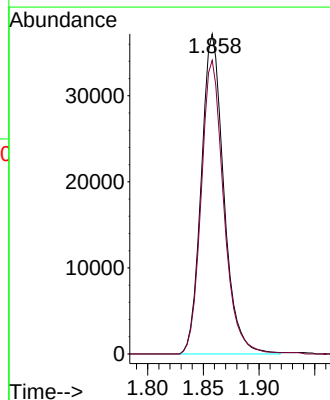
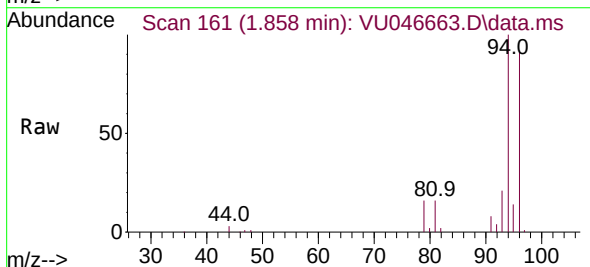
Instrument :
 MSVOA_U
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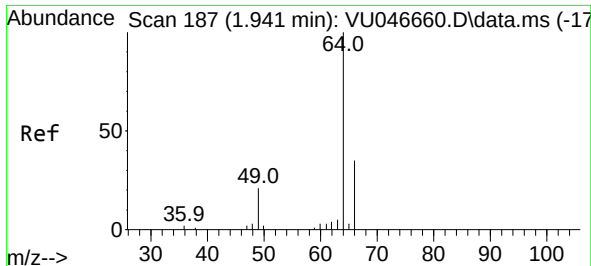
Tgt Ion: 62 Resp: 84917
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.1 42.9



#6
 Bromomethane
 Concen: 45.858 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.006 min
 Lab File: VU046663.D
 Acq: 05 Jan 2022 14:51

Tgt Ion: 94 Resp: 52317
 Ion Ratio Lower Upper
 94 100
 96 91.8 64.4 119.6

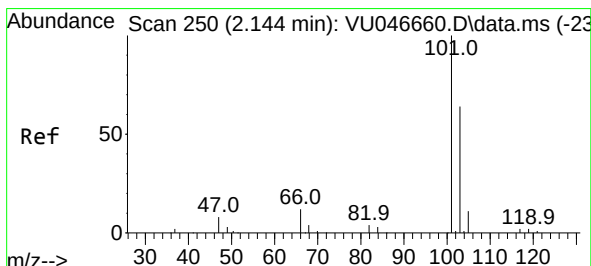
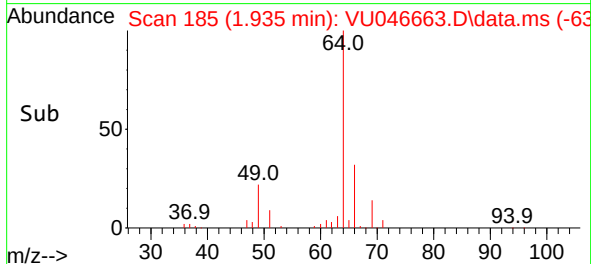
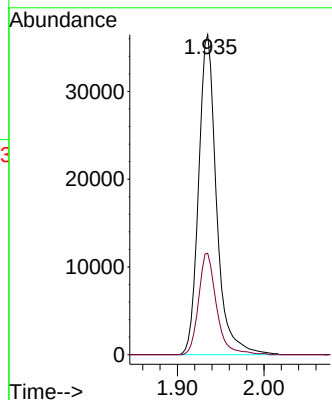
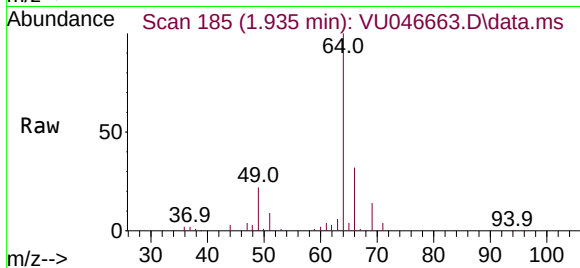




#8
Chloroethane
Concen: 48.081 ug/L
RT: 1.935 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

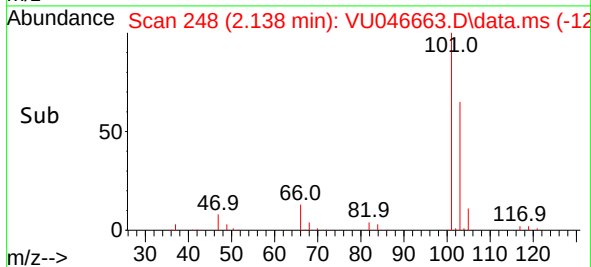
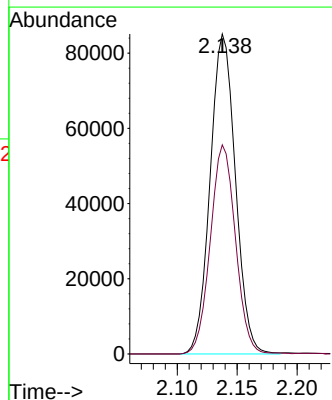
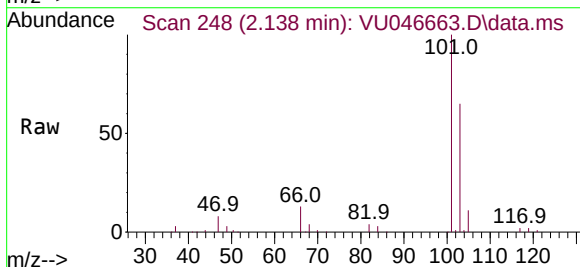
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MSVOA_U
ClientSampleId :
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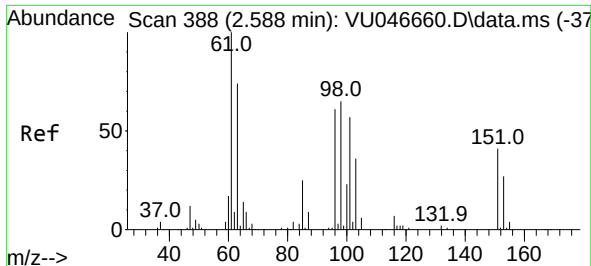
Tgt Ion: 64 Resp: 52409
Ion Ratio Lower Upper
64 100
66 31.7 24.4 45.2



#9
Trichlorofluoromethane
Concen: 47.052 ug/L
RT: 2.138 min Scan# 248
Delta R.T. -0.006 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

Tgt Ion:101 Resp: 124720
Ion Ratio Lower Upper
101 100
103 64.8 52.0 78.0





#10

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

Concen: 47.354 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.010 min

Lab File: VU046663.D

Acq: 05 Jan 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

VICV042

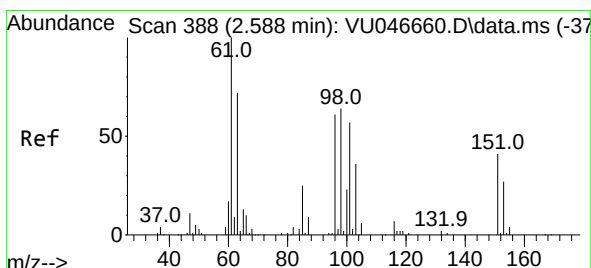
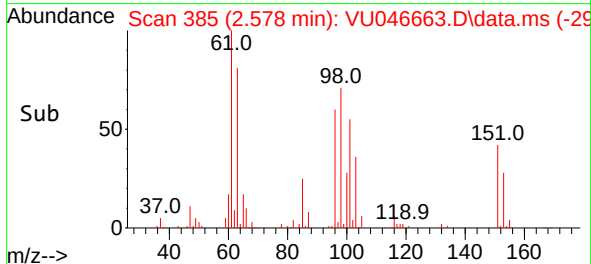
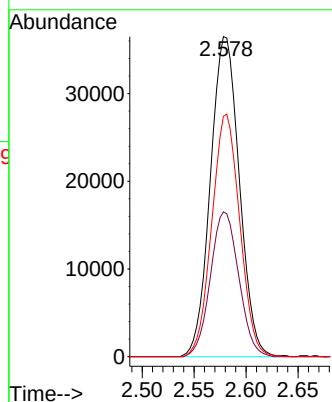
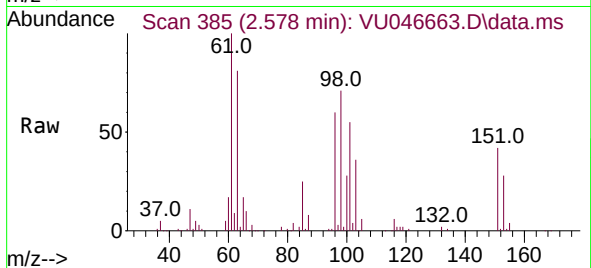
Tgt Ion:101 Resp: 70594

Ion Ratio Lower Upper

101 100

85 44.3 34.9 52.3

151 73.4 58.3 87.5



#12

1,1-Dichloroethene

Concen: 46.392 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.010 min

Lab File: VU046663.D

Acq: 05 Jan 2022 14:51

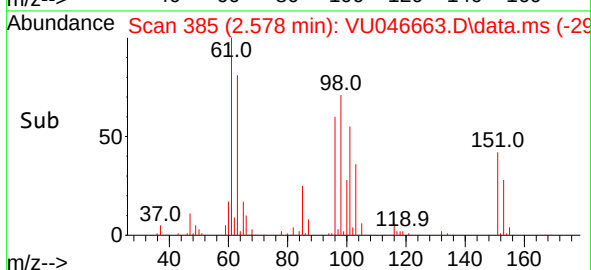
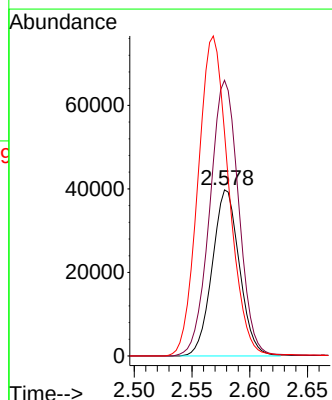
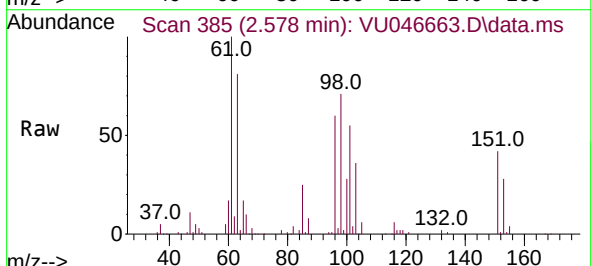
Tgt Ion: 96 Resp: 65122

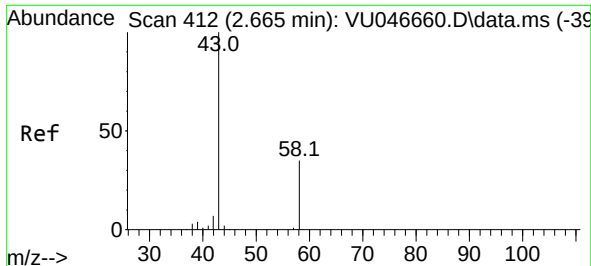
Ion Ratio Lower Upper

96 100

61 166.0 114.9 213.3

63 134.5 86.0 159.8





#13

Acetone

Concen: 86.997 ug/L

RT: 2.658 min Scan# 41

Delta R.T. -0.006 min

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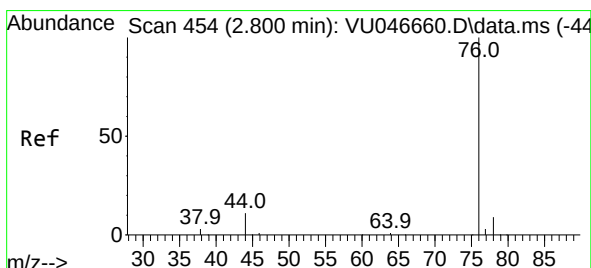
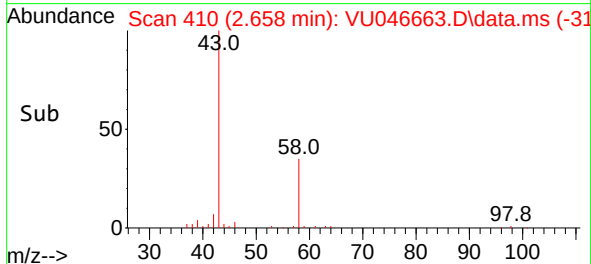
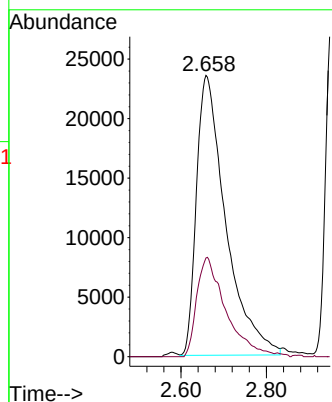
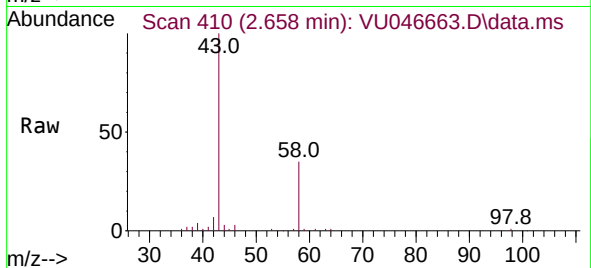
VICV042

Tgt Ion: 43 Resp: 112067

Ion Ratio Lower Upper

43 100

58 35.1 0.0 71.0



#14

Carbon disulfide

Concen: 46.059 ug/L

RT: 2.794 min Scan# 452

Delta R.T. -0.006 min

Lab File: VU046663.D

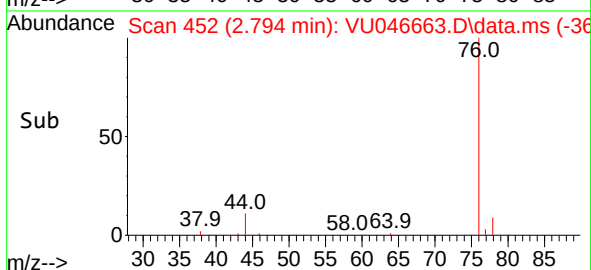
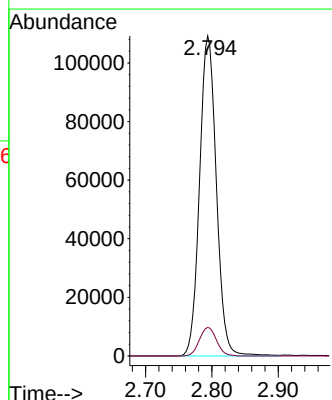
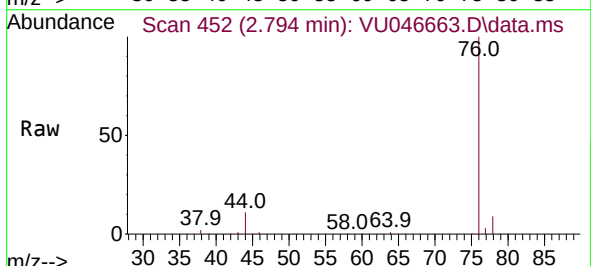
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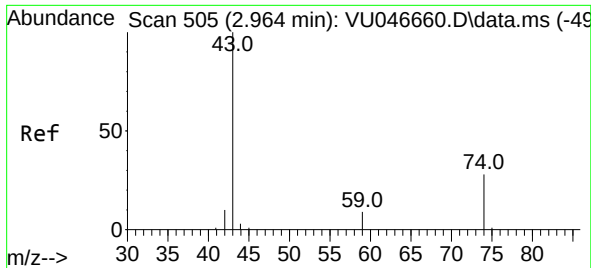
Tgt Ion: 76 Resp: 192191

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

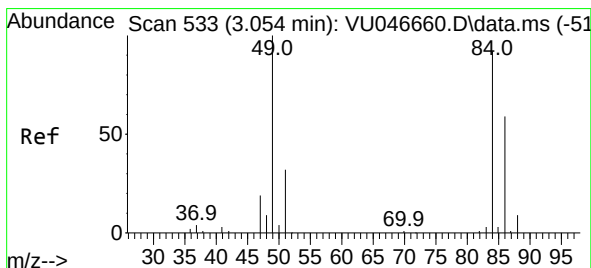
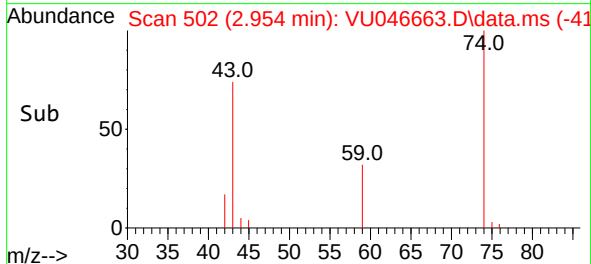
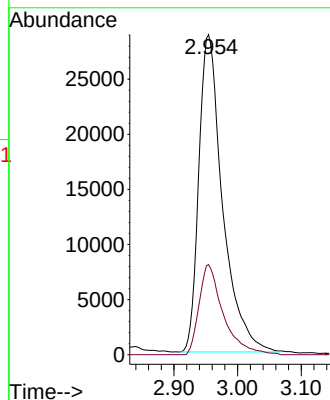
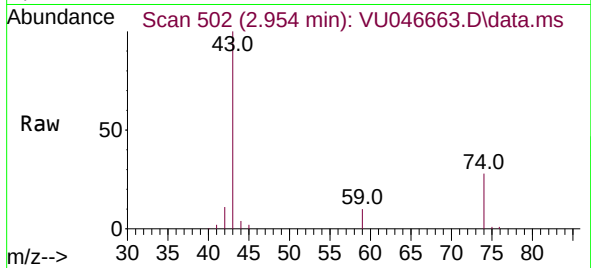




#15
Methyl Acetate
Concen: 45.479 ug/L
RT: 2.954 min Scan# 50
Delta R.T. -0.010 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

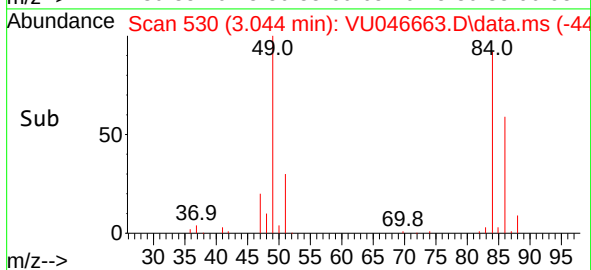
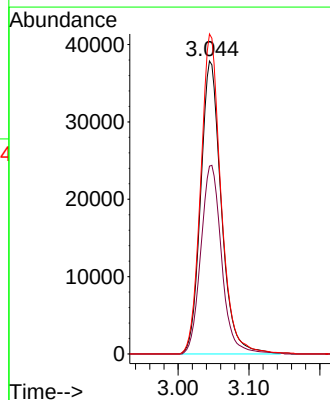
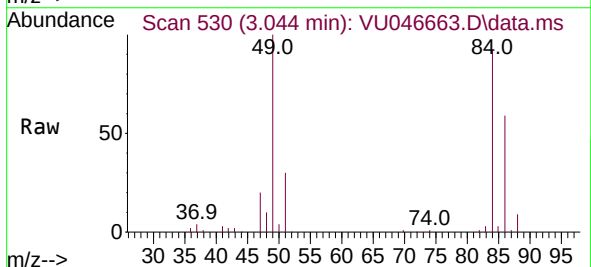
Instrument :
MSVOA_U
ClientSampleId :
VICV042

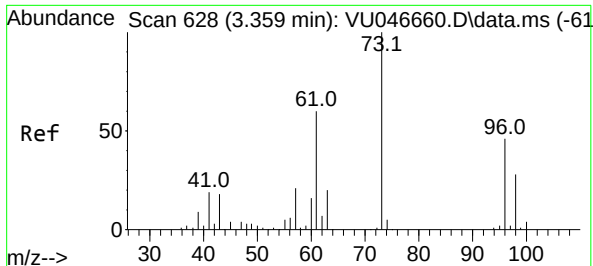
Tgt Ion: 43 Resp: 74828
Ion Ratio Lower Upper
43 100
74 28.7 22.3 33.5



#16
Methylene chloride
Concen: 44.265 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.010 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

Tgt Ion: 84 Resp: 76542
Ion Ratio Lower Upper
84 100
86 64.1 44.7 82.9
49 109.2 75.9 141.1





#17

trans-1,2-Dichloroethene

Concen: 47.476 ug/L

RT: 3.353 min Scan# 61

Delta R.T. -0.006 min

Lab File: VU046663.D

Acq: 05 Jan 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

VICV042

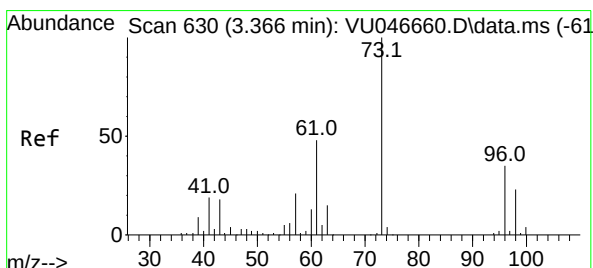
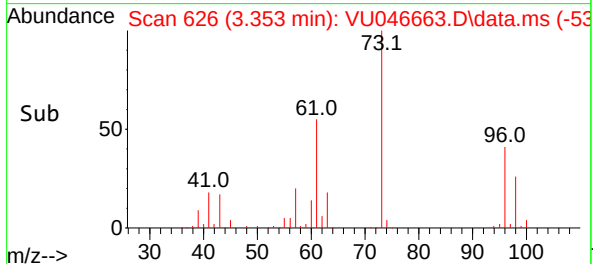
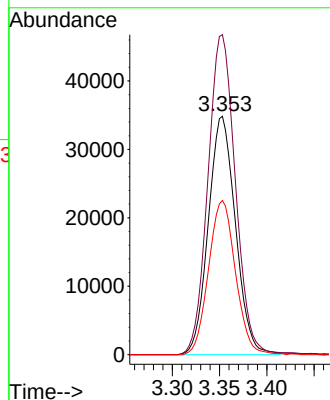
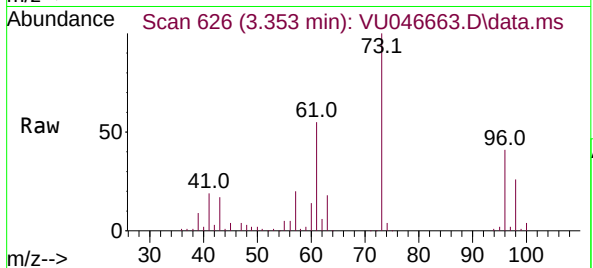
Tgt Ion: 96 Resp: 69675

Ion Ratio Lower Upper

96 100

61 134.2 92.5 171.9

98 64.7 42.4 78.6



#18

Methyl tert-butyl Ether

Concen: 50.820 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.006 min

Lab File: VU046663.D

Acq: 05 Jan 2022 14:51

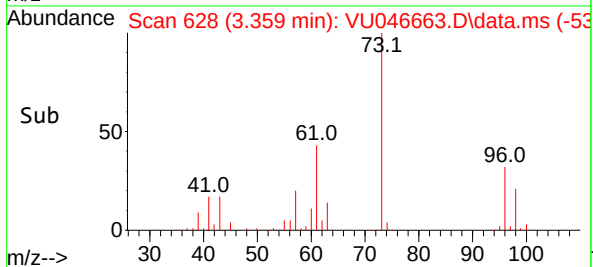
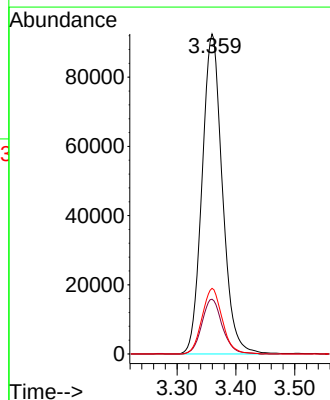
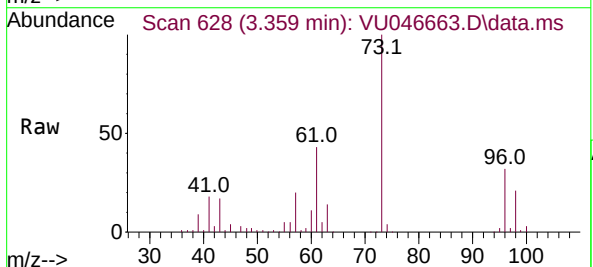
Tgt Ion: 73 Resp: 221594

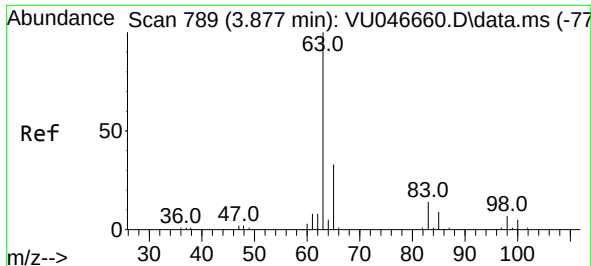
Ion Ratio Lower Upper

73 100

43 17.3 14.1 21.1

57 20.4 16.4 24.6





#19

1,1-Dichloroethane

Concen: 46.411 ug/L

RT: 3.867 min Scan# 789

Delta R.T. -0.010 min

Lab File: VU046663.D

Acq: 05 Jan 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

VICV042

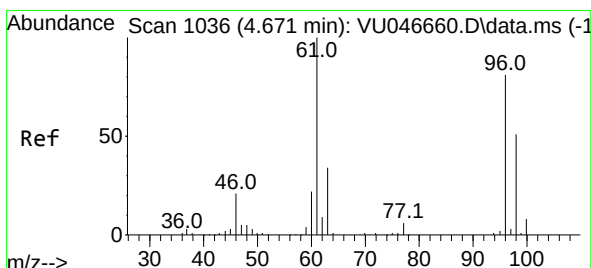
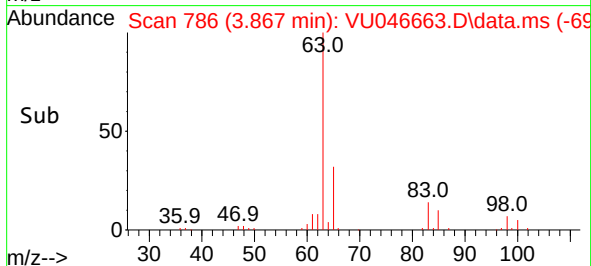
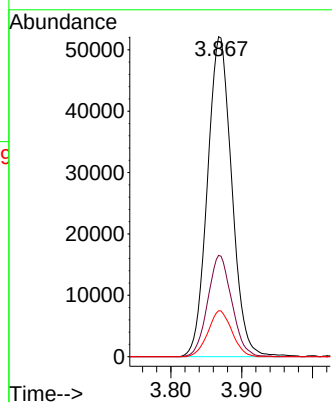
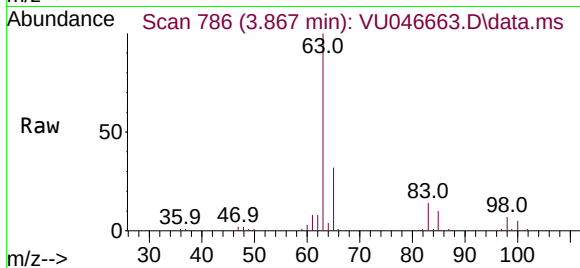
Tgt Ion: 63 Resp: 124223

Ion Ratio Lower Upper

63 100

65 31.7 22.8 42.4

83 14.4 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 49.214 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU046663.D

Acq: 05 Jan 2022 14:51

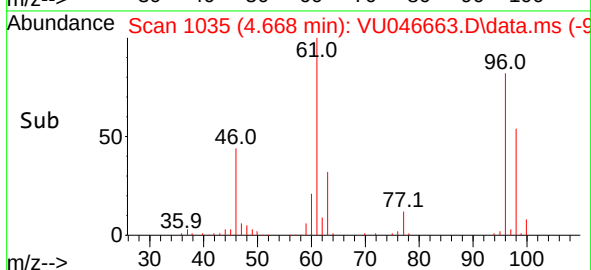
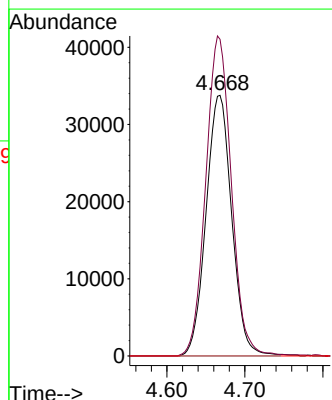
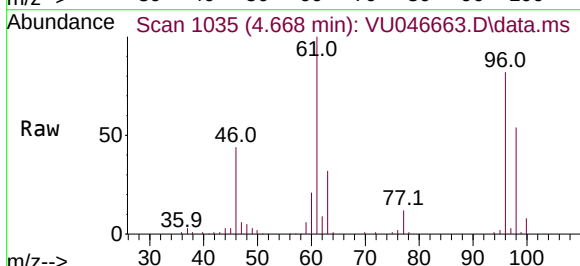
Tgt Ion: 96 Resp: 77408

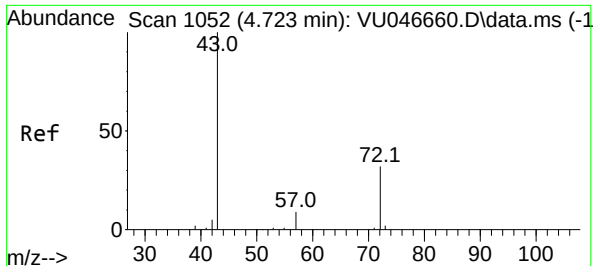
Ion Ratio Lower Upper

96 100

61 121.5 86.0 159.6

68 0.0 0.0 0.0

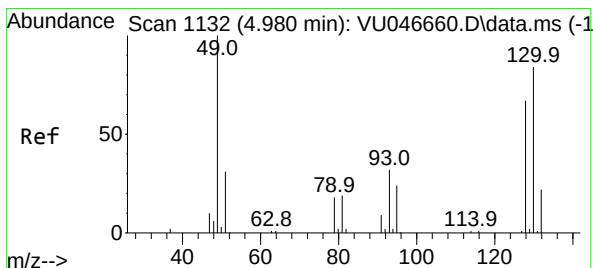
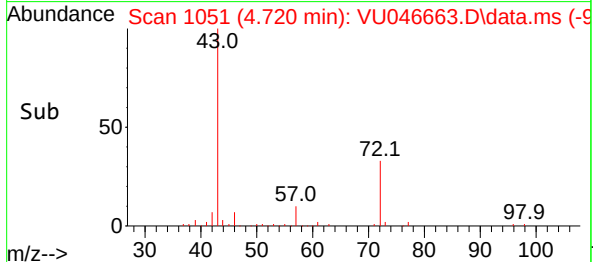
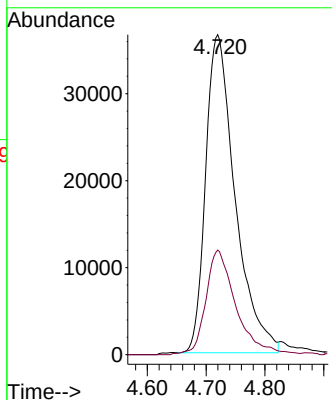
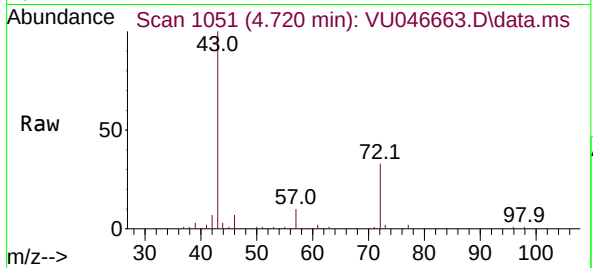




#22
2-Butanone
Concen: 86.835 ug/L
RT: 4.720 min Scan# 1051
Delta R.T. -0.003 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

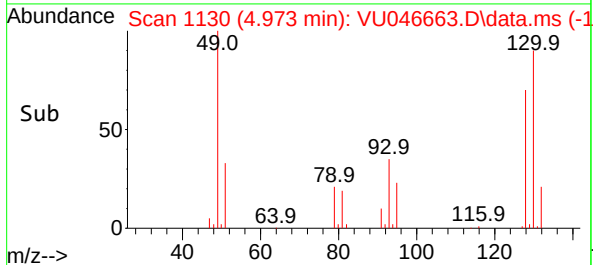
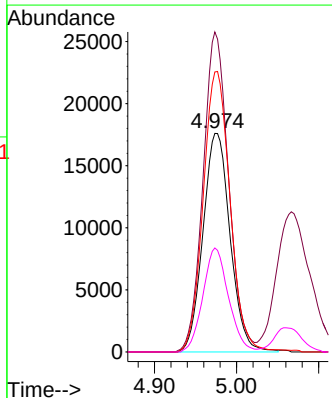
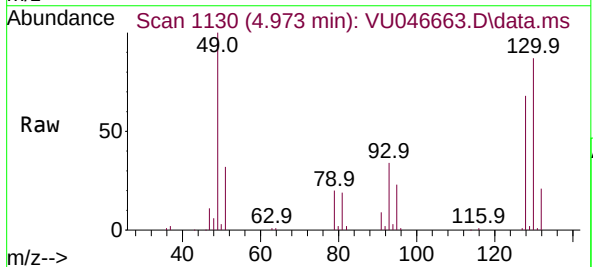
Instrument :
MSVOA_U
ClientSampleId :
VICV042

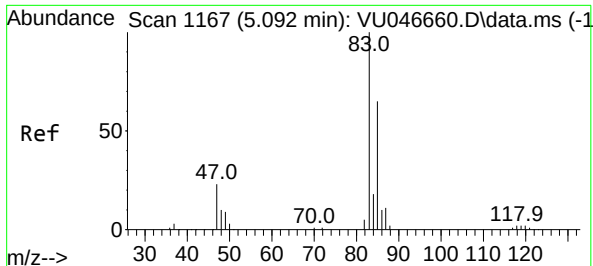
Tgt Ion: 43 Resp: 127521
Ion Ratio Lower Upper
43 100
72 32.4 15.6 46.8



#23
Bromochloromethane
Concen: 48.132 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

Tgt Ion:128 Resp: 40468
Ion Ratio Lower Upper
128 100
49 146.4 105.4 195.8
130 128.1 88.7 164.7
51 47.6 37.3 55.9





#25

Chloroform

Concen: 46.803 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.006 min

Lab File: VU046663.D

Acq: 05 Jan 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

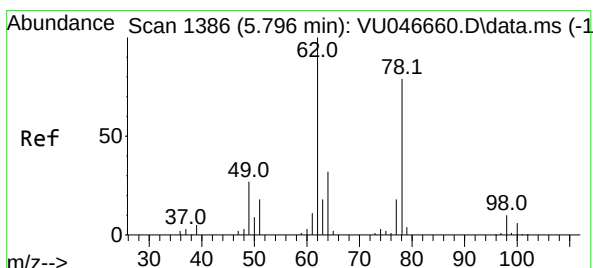
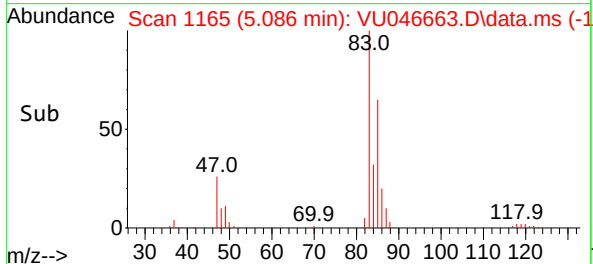
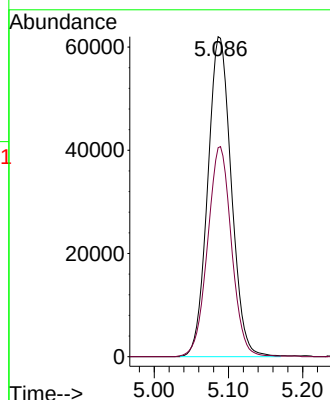
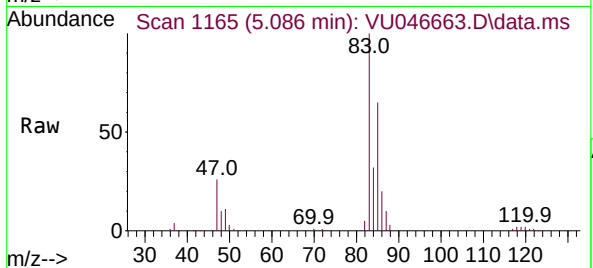
VICV042

Tgt Ion: 83 Resp: 136832

Ion Ratio Lower Upper

83 100

85 65.3 45.7 84.9



#27

1,2-Dichloroethane

Concen: 47.214 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU046663.D

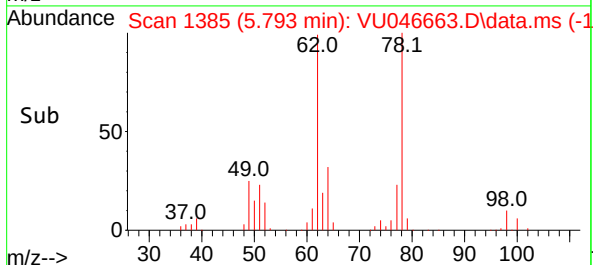
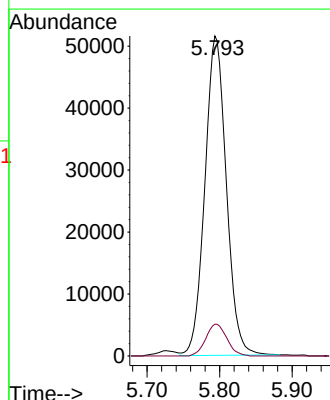
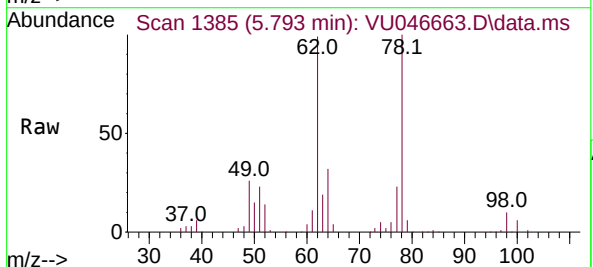
Acq: 05 Jan 2022 14:51

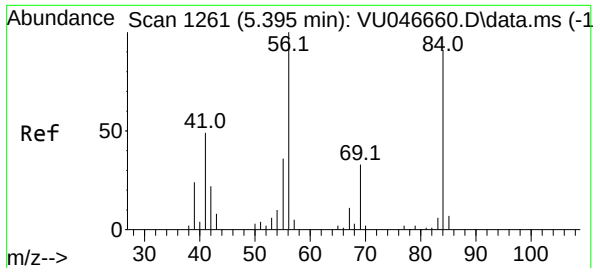
Tgt Ion: 62 Resp: 106052

Ion Ratio Lower Upper

62 100

98 9.9 7.7 11.5

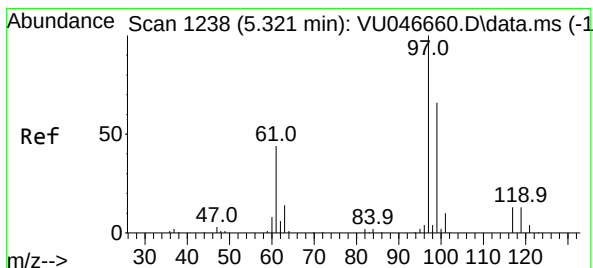
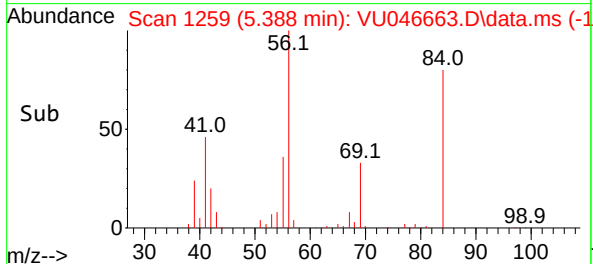
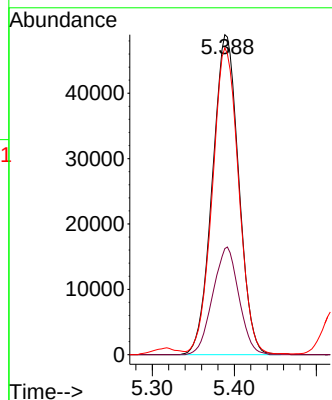
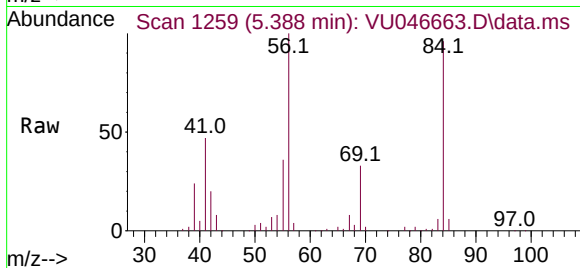




#29
Cyclohexane
Concen: 51.267 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

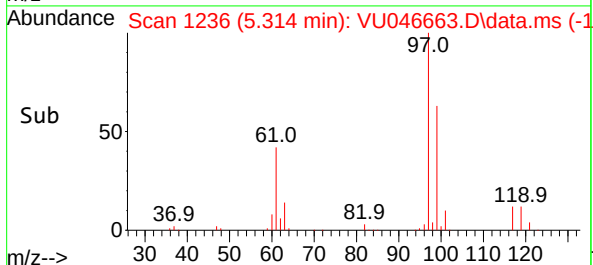
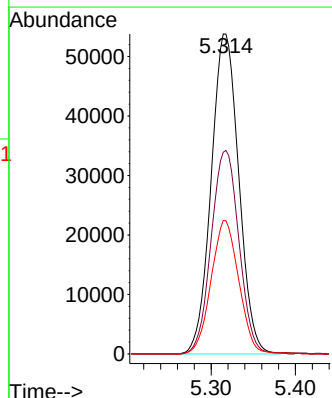
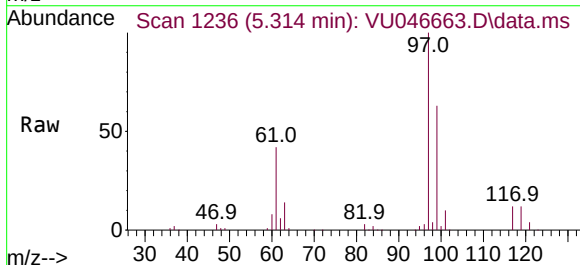
Instrument :
MSVOA_U
ClientSampleId :
VICV042

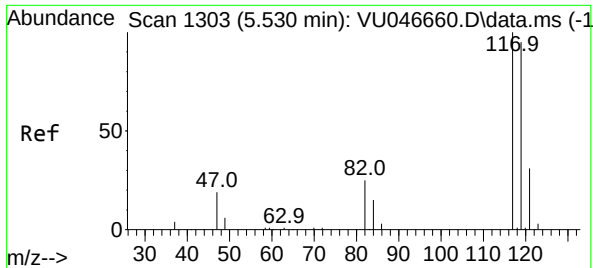
Tgt Ion:	56	Resp:	109105
Ion	Ratio	Lower	Upper
56	100		
69	33.3	25.8	38.6
84	95.6	74.2	111.2



#30
1,1,1-Trichloroethane
Concen: 50.015 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.006 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

Tgt Ion:	97	Resp:	122487
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.1	76.7
61	41.7	34.1	51.1

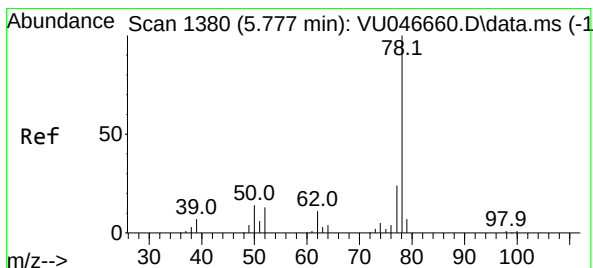
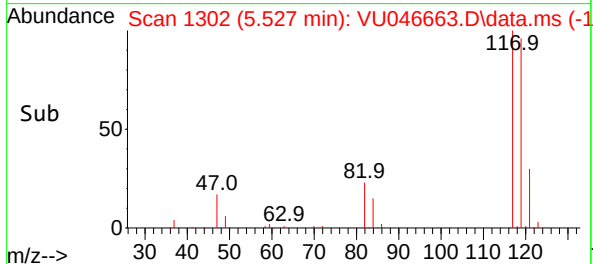
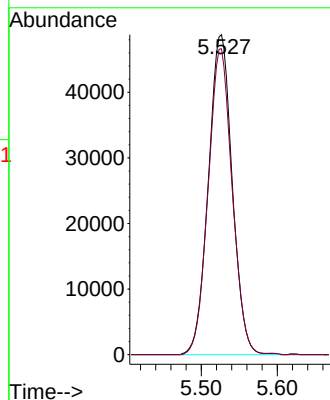
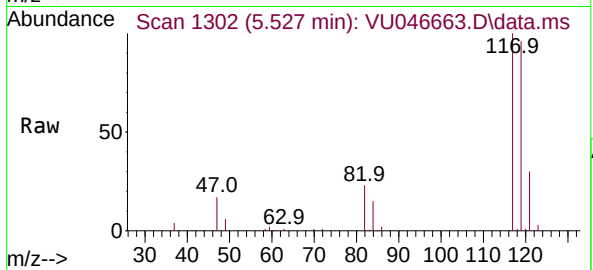




#31
Carbon tetrachloride
Concen: 50.080 ug/L
RT: 5.527 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

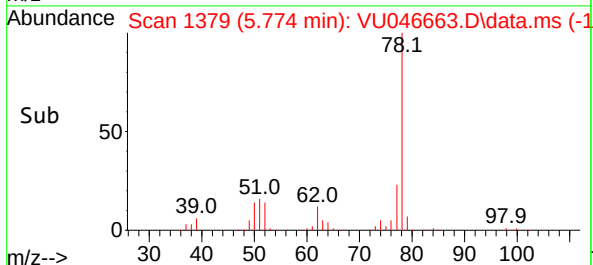
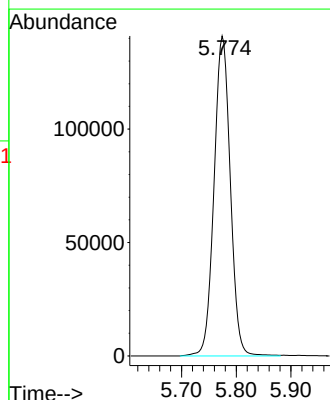
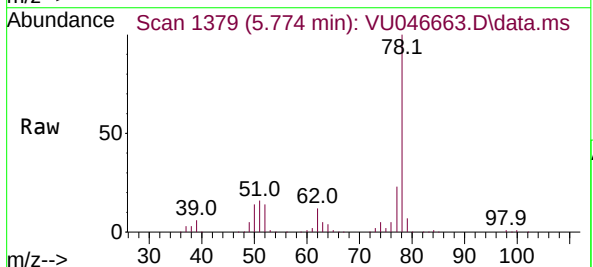
Instrument :
MSVOA_U
ClientSampleId :
VICV042

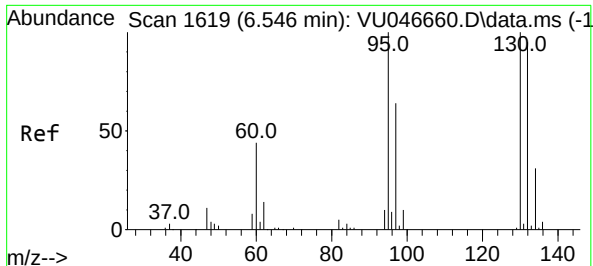
Tgt Ion:117 Resp: 106240
Ion Ratio Lower Upper
117 100
119 95.9 77.5 116.3



#33
Benzene
Concen: 48.955 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

Tgt Ion: 78 Resp: 291524



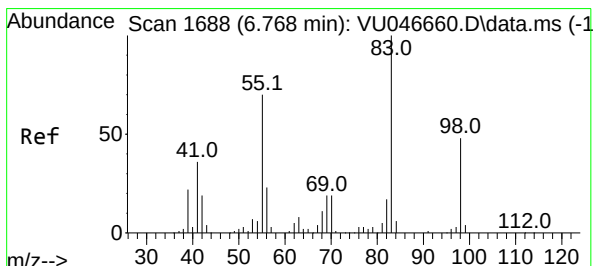
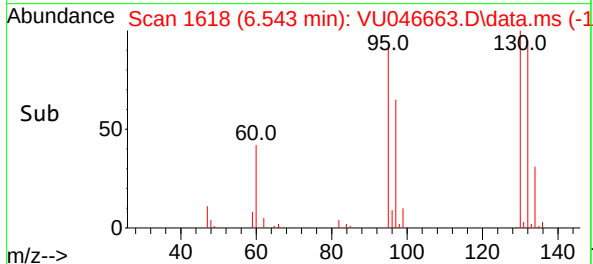
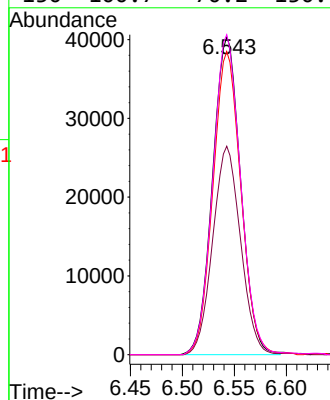
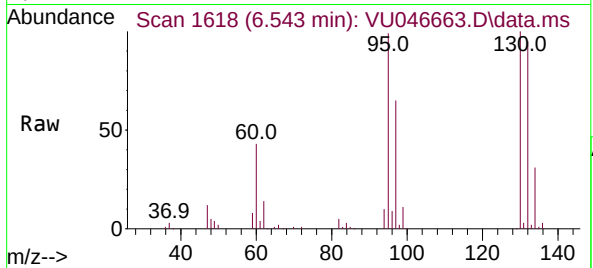


#34
Trichloroethene
Concen: 48.489 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

Instrument :
MSVOA_U
ClientSampleId :
VICV042

Tgt Ion: 95 Resp: 75736

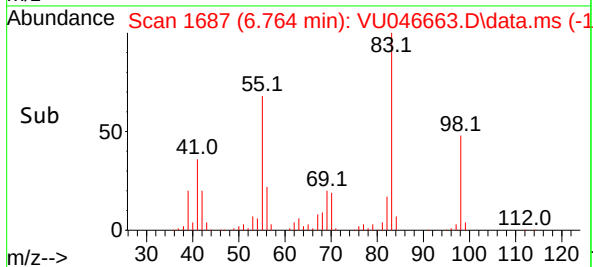
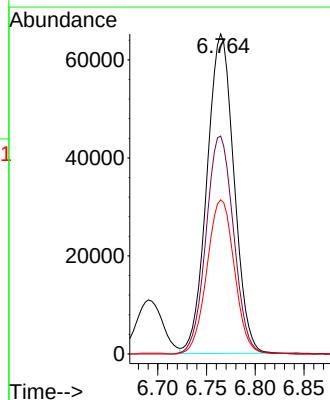
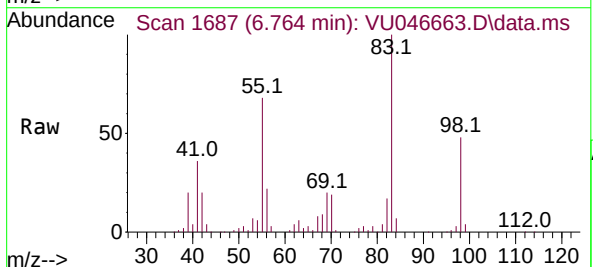
Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.1	83.7
132	95.4	66.7	123.9
130	100.7	70.2	130.4

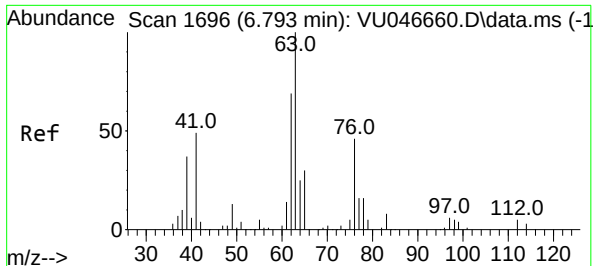


#35
Methylcyclohexane
Concen: 51.912 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

Tgt Ion: 83 Resp: 125914

Ion	Ratio	Lower	Upper
83	100		
55	69.6	56.6	85.0
98	49.0	38.4	57.6





#37

1,2-Dichloropropane

Concen: 48.879 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046663.D

Acq: 05 Jan 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

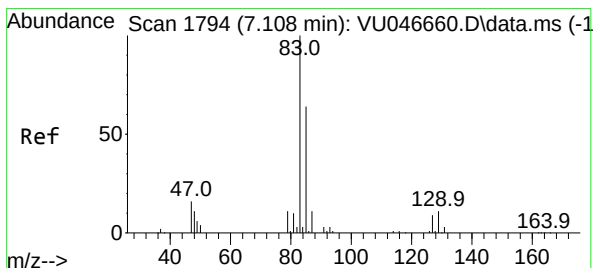
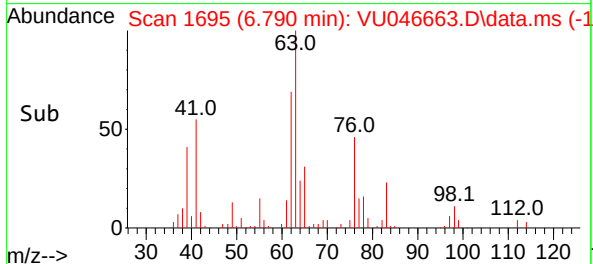
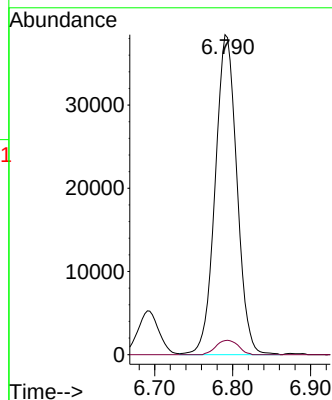
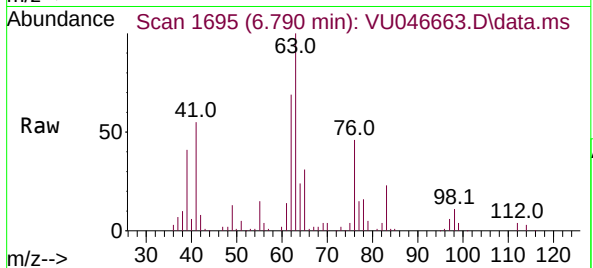
VICV042

Tgt Ion: 63 Resp: 74480

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 49.000 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU046663.D

Acq: 05 Jan 2022 14:51

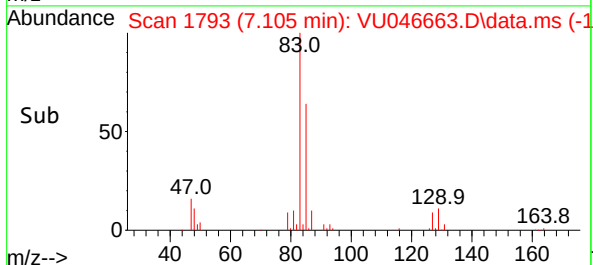
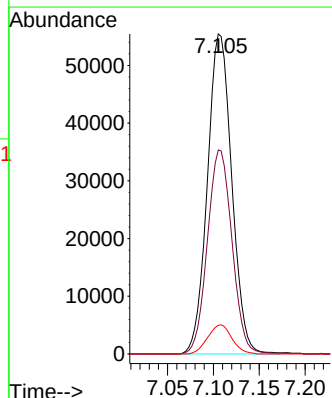
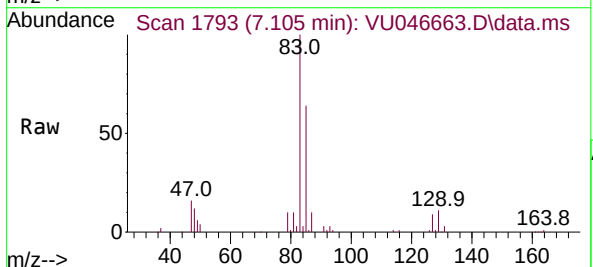
Tgt Ion: 83 Resp: 102680

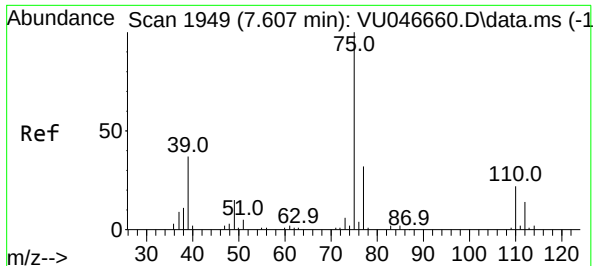
Ion Ratio Lower Upper

83 100

85 63.7 45.0 83.6

127 9.0 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 51.327 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU046663.D

Acq: 05 Jan 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

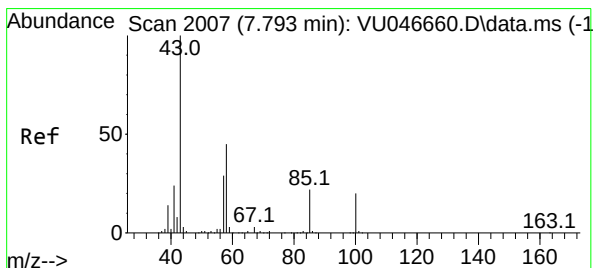
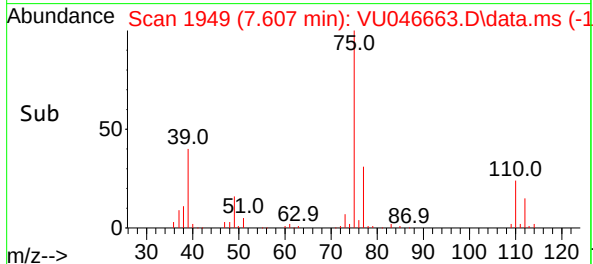
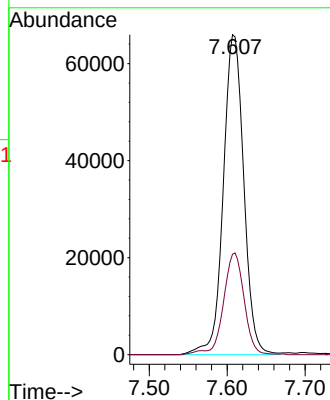
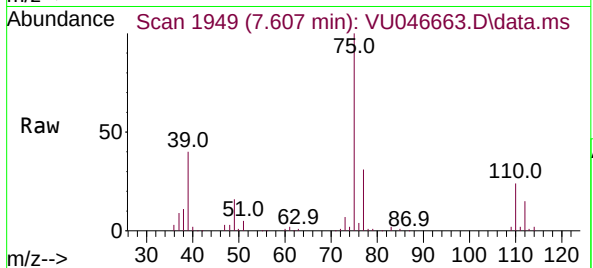
VICV042

Tgt Ion: 75 Resp: 120347

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 96.286 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU046663.D

Acq: 05 Jan 2022 14:51

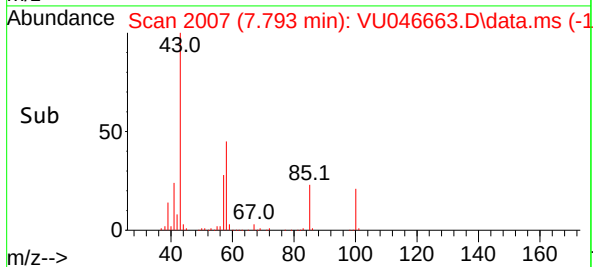
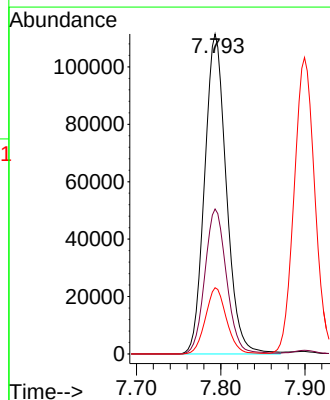
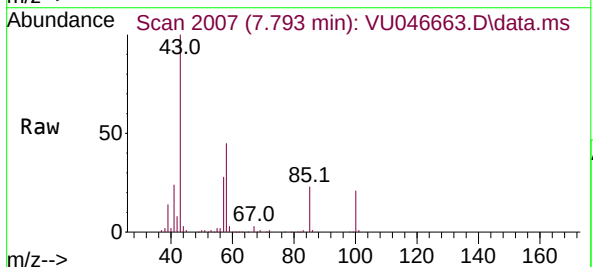
Tgt Ion: 43 Resp: 200574

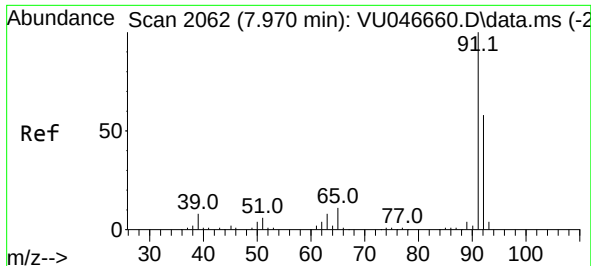
Ion Ratio Lower Upper

43 100

58 45.2 35.8 53.8

100 20.0 15.7 23.5





#42

Toluene

Concen: 50.601 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU046663.D

Acq: 05 Jan 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

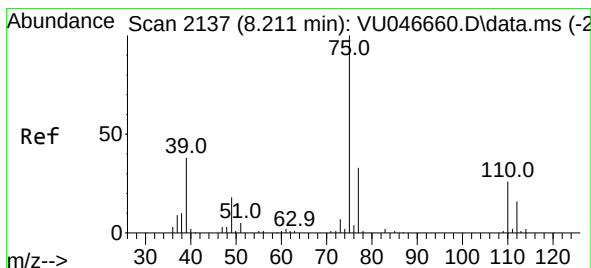
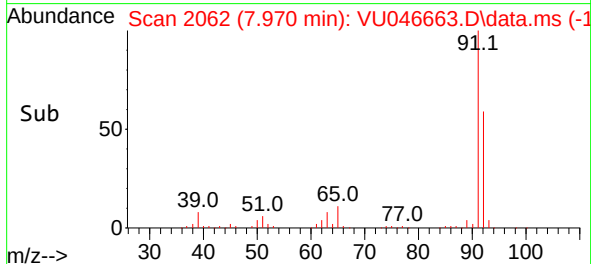
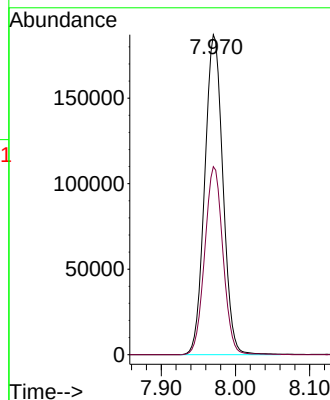
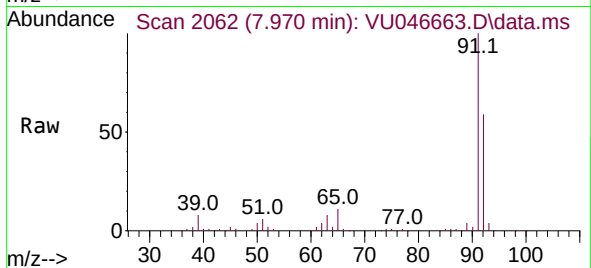
VICV042

Tgt Ion: 91 Resp: 317789

Ion Ratio Lower Upper

91 100

92 58.8 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 51.522 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU046663.D

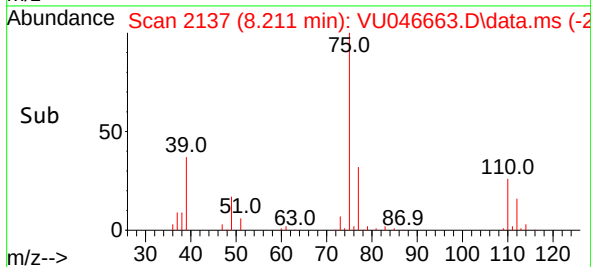
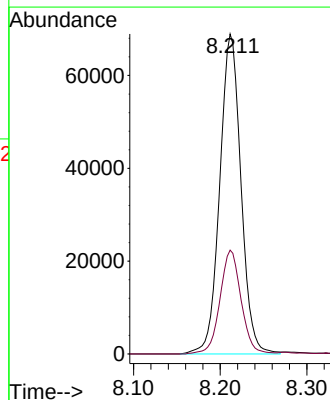
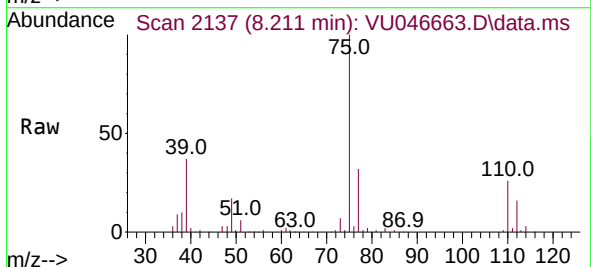
Acq: 05 Jan 2022 14:51

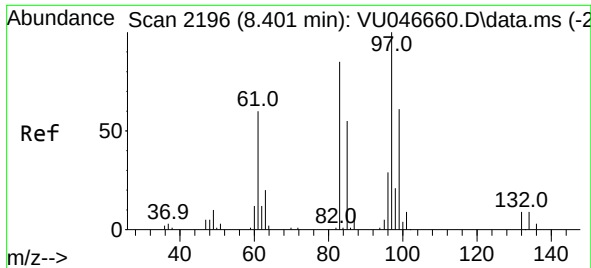
Tgt Ion: 75 Resp: 117200

Ion Ratio Lower Upper

75 100

77 32.4 23.0 42.8

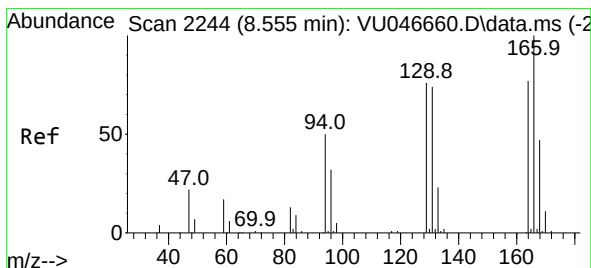
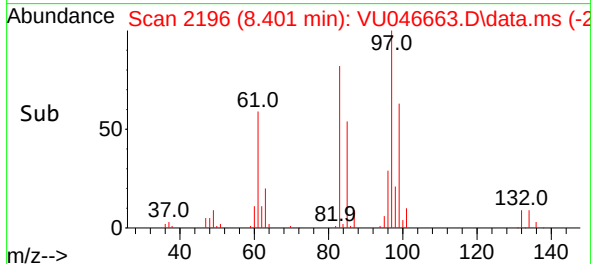
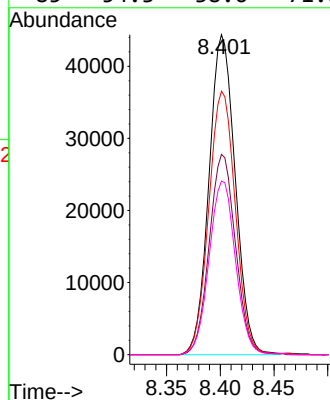
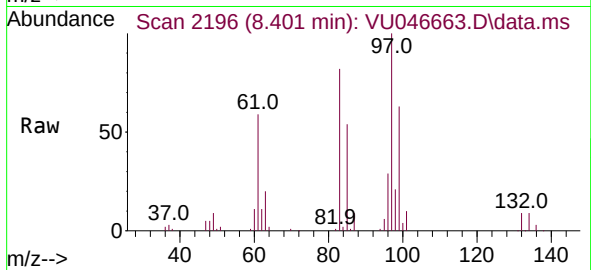




#45
1,1,2-Trichloroethane
Concen: 48.455 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

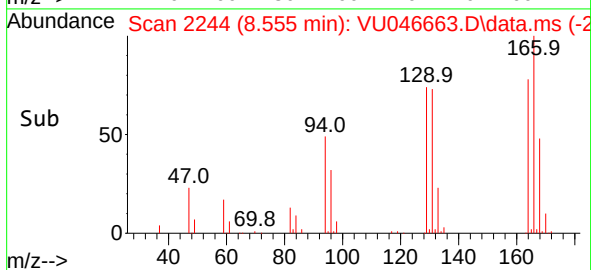
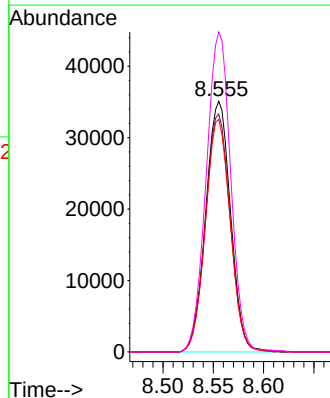
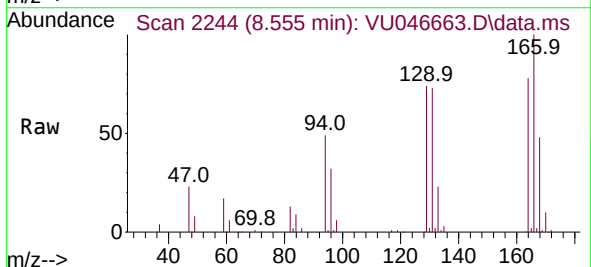
Instrument :
MSVOA_U
ClientSampleId :
VICV042

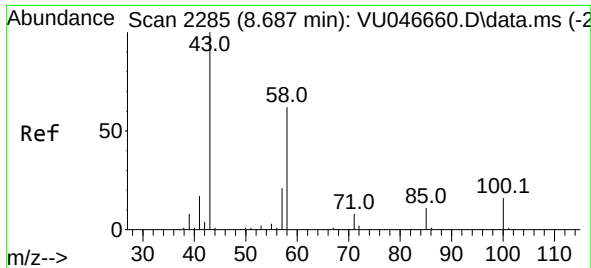
Tgt Ion: 97	Resp: 75440
Ion Ratio	Lower Upper
97 100	
99 62.6	42.4 78.8
83 82.4	59.4 110.4
85 54.3	38.6 71.8



#46
Tetrachloroethene
Concen: 51.041 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

Tgt	Ion:164	Resp:	60486
Ion	Ratio	Lower	Upper
164	100		
129	94.9	69.5	129.1
131	92.8	67.0	124.4
166	127.6	90.6	168.2



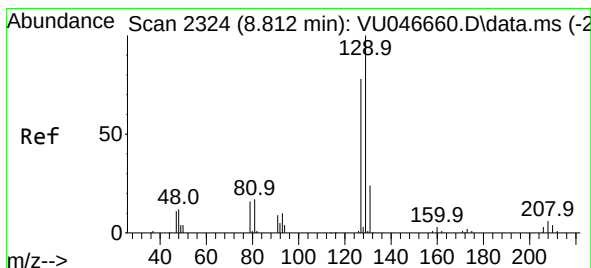
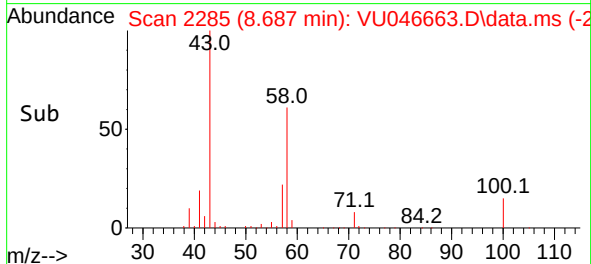
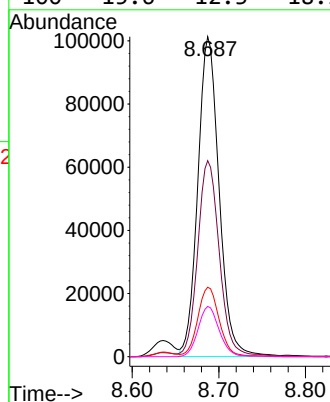
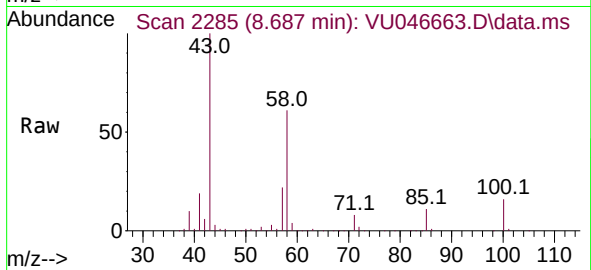


#48
2-Hexanone
Concen: 98.032 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

Instrument :
MSVOA_U
ClientSampleId :
VICV042

Tgt Ion: 43 Resp: 173088

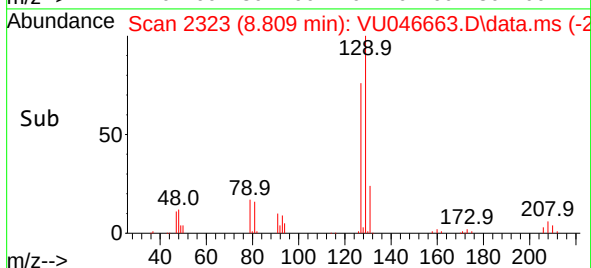
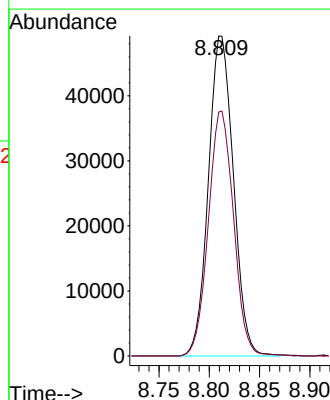
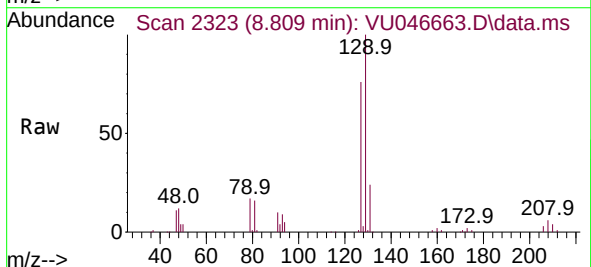
Ion	Ratio	Lower	Upper
43	100		
58	61.8	49.4	74.2
57	22.1	17.5	26.3
100	15.6	12.3	18.5

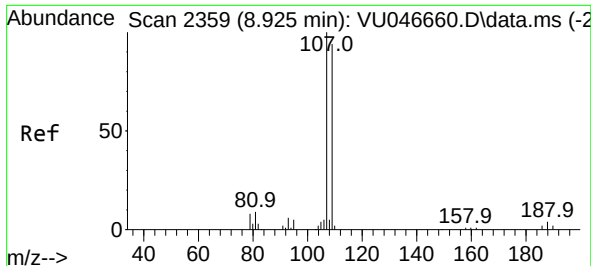


#49
Dibromochloromethane
Concen: 49.803 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

Tgt Ion: 129 Resp: 85159

Ion	Ratio	Lower	Upper
129	100		
127	76.2	54.5	101.3





#50

1,2-Dibromoethane

Concen: 51.057 ug/L

RT: 8.925 min Scan# 2359

Delta R.T. 0.000 min

Lab File: VU046663.D

Acq: 05 Jan 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

VICV042

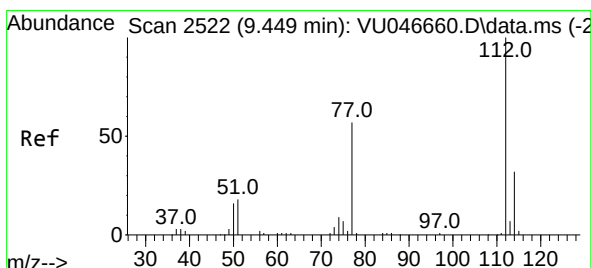
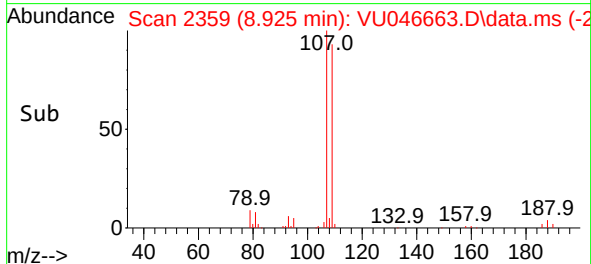
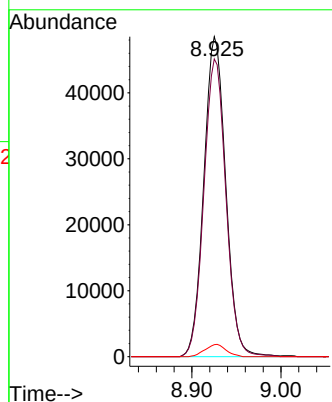
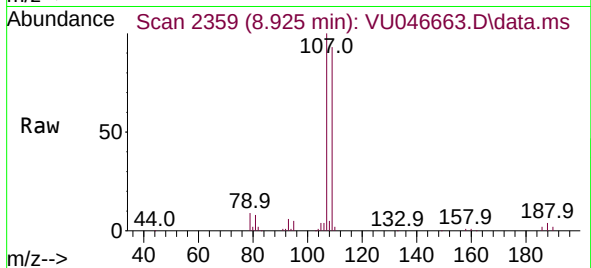
Tgt Ion:107 Resp: 82859

Ion Ratio Lower Upper

107 100

109 93.0 65.6 121.8

188 3.8 3.1 4.7



#51

Chlorobenzene

Concen: 49.686 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU046663.D

Acq: 05 Jan 2022 14:51

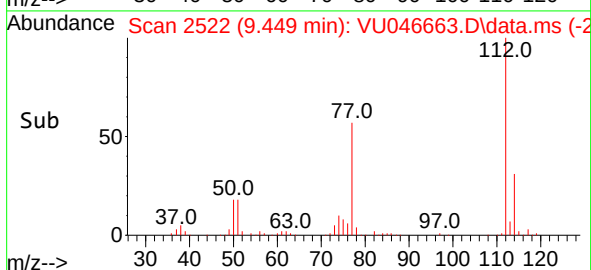
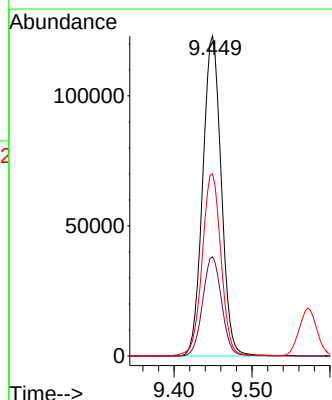
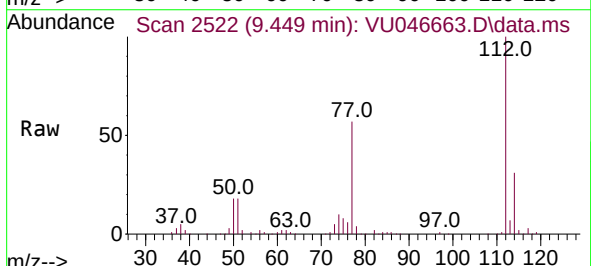
Tgt Ion:112 Resp: 202826

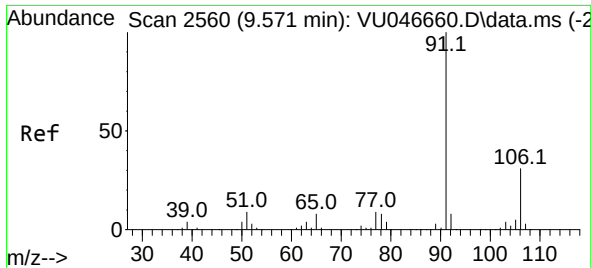
Ion Ratio Lower Upper

112 100

114 31.0 22.1 41.1

77 56.9 46.5 69.7

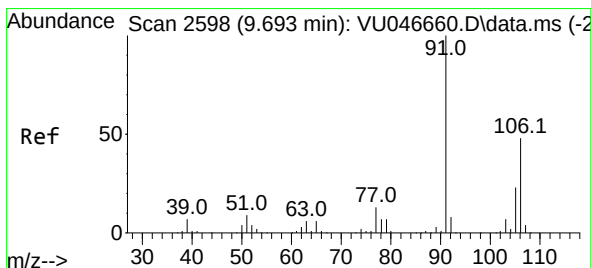
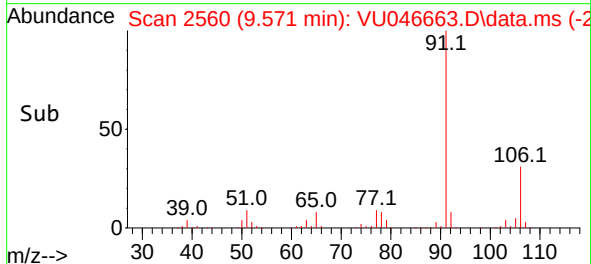
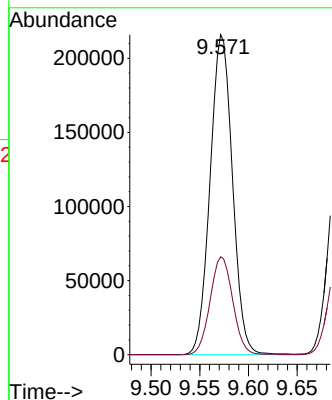
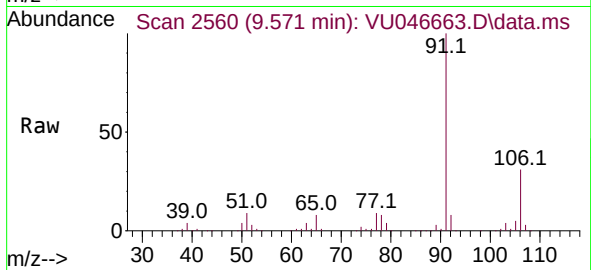




#52
Ethylbenzene
Concen: 51.745 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

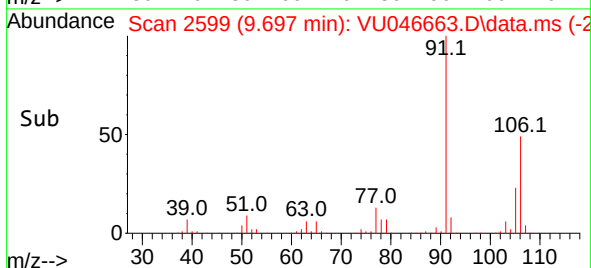
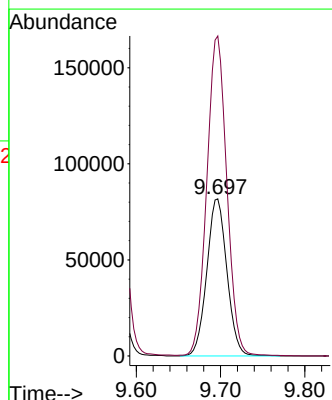
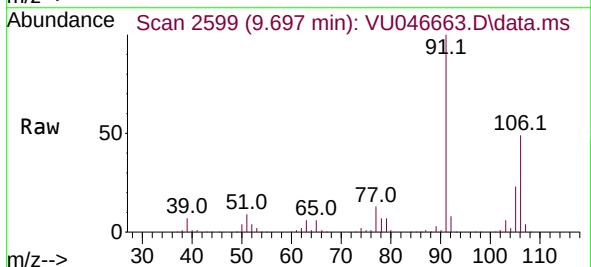
Instrument :
MSVOA_U
ClientSampleId :
VICV042

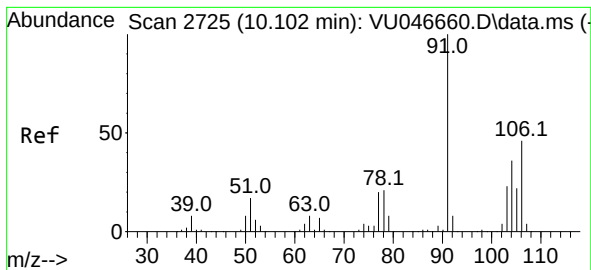
Tgt Ion: 91 Resp: 344763
Ion Ratio Lower Upper
91 100
106 30.6 21.8 40.4



#53
m,p-Xylene
Concen: 52.814 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

Tgt Ion: 106 Resp: 135903
Ion Ratio Lower Upper
106 100
91 203.7 145.5 270.1





#54

o-xylene

Concen: 51.935 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. 0.000 min

Lab File: VU046663.D

Acq: 05 Jan 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

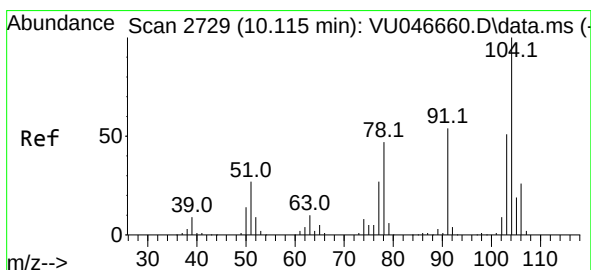
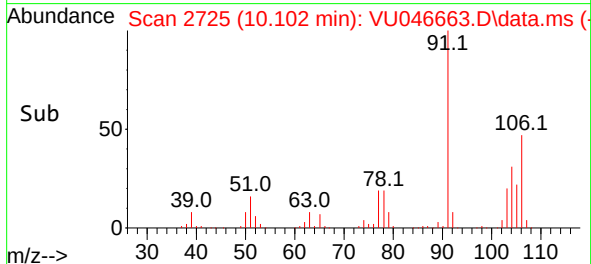
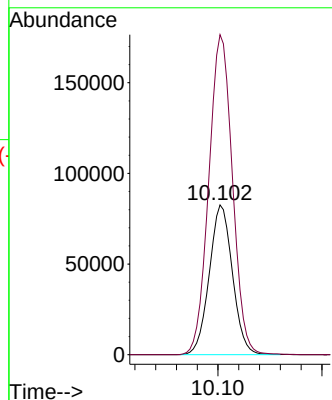
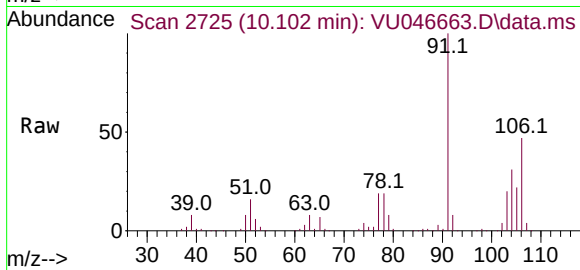
VICV042

Tgt Ion:106 Resp: 127793

Ion Ratio Lower Upper

106 100

91 213.7 152.0 282.2



#55

Styrene

Concen: 52.522 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU046663.D

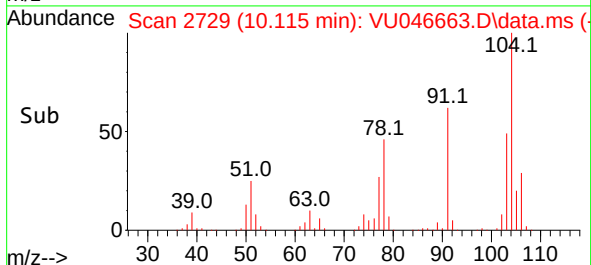
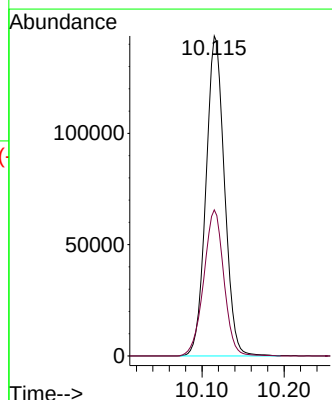
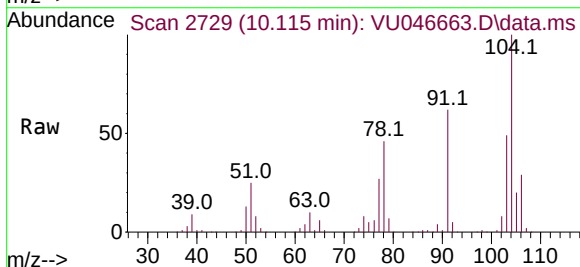
Acq: 05 Jan 2022 14:51

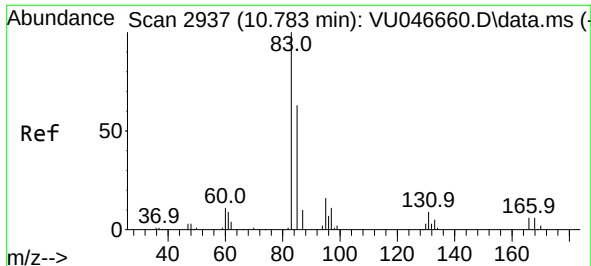
Tgt Ion:104 Resp: 226164

Ion Ratio Lower Upper

104 100

78 45.7 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 46.526 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU046663.D

Acq: 05 Jan 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

VICV042

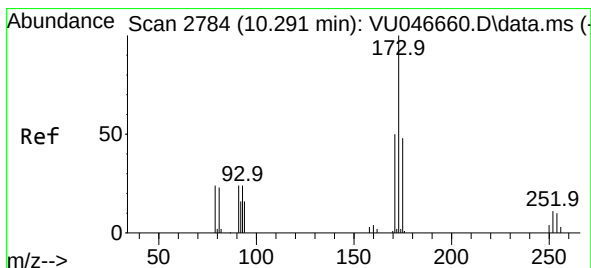
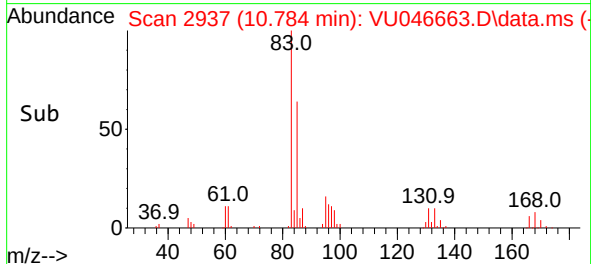
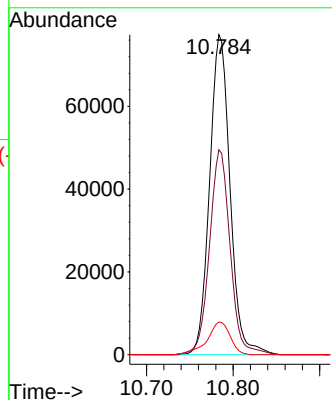
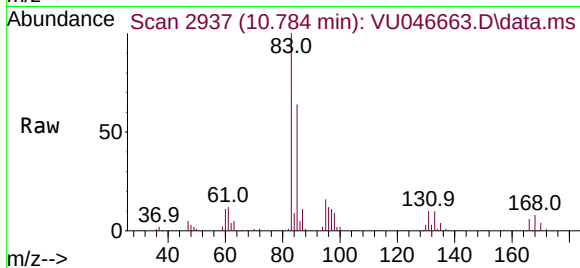
Tgt Ion: 83 Resp: 126688

Ion Ratio Lower Upper

83 100

85 64.1 44.7 83.1

131 10.2 7.8 11.6



#59

Bromoform

Concen: 51.056 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. 0.003 min

Lab File: VU046663.D

Acq: 05 Jan 2022 14:51

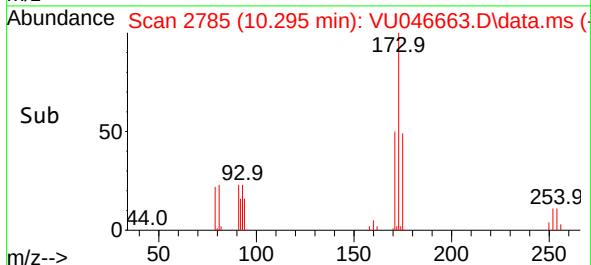
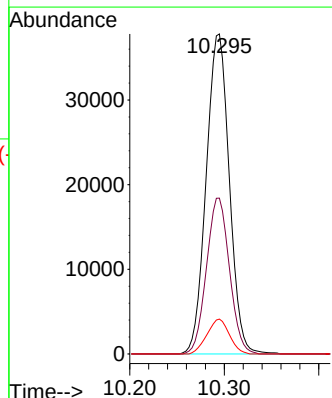
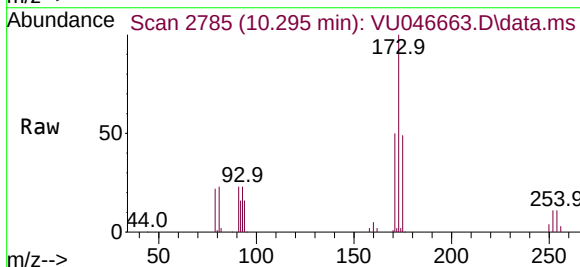
Tgt Ion:173 Resp: 64233

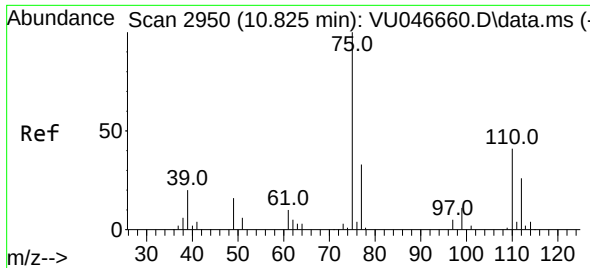
Ion Ratio Lower Upper

173 100

175 48.4 37.6 56.4

254 10.6 8.1 12.1

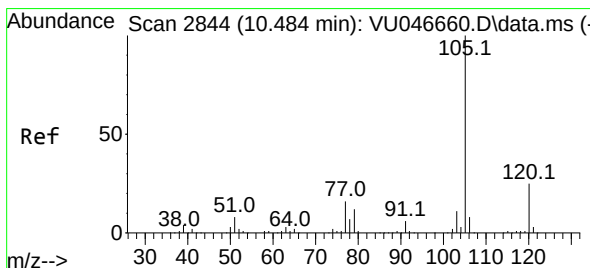
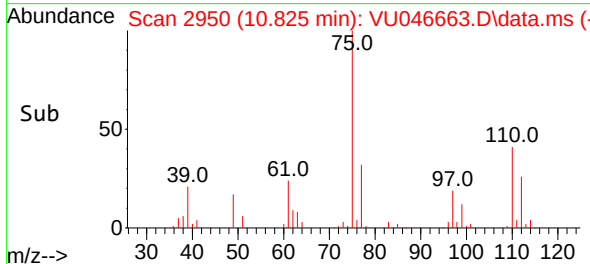
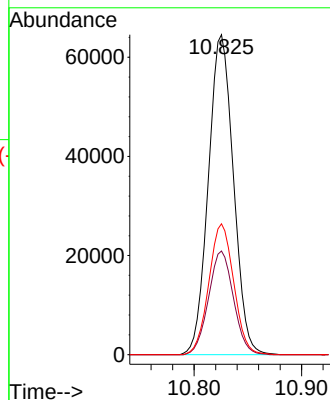
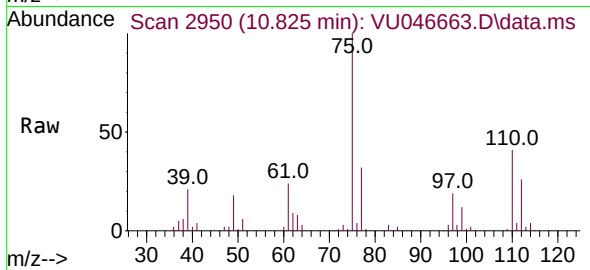




#60
1,2,3-Trichloropropane
Concen: 48.026 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

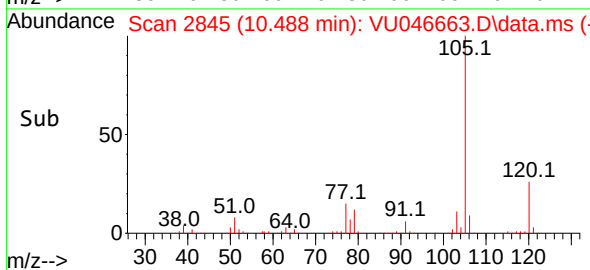
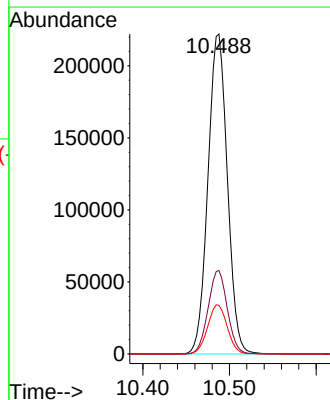
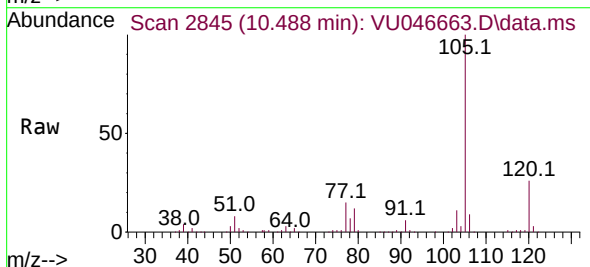
Instrument :
MSVOA_U
ClientSampleId :
VICV042

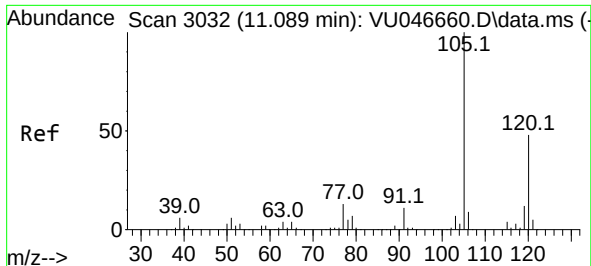
Tgt Ion: 75 Resp: 104629
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 40.7 32.5 48.7



#61
Isopropylbenzene
Concen: 54.713 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

Tgt Ion: 105 Resp: 346017
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 15.5 12.6 18.8





#62

1,3,5-Trimethylbenzene

Concen: 56.550 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU046663.D

Acq: 05 Jan 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

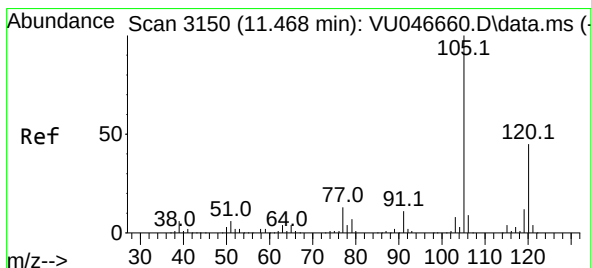
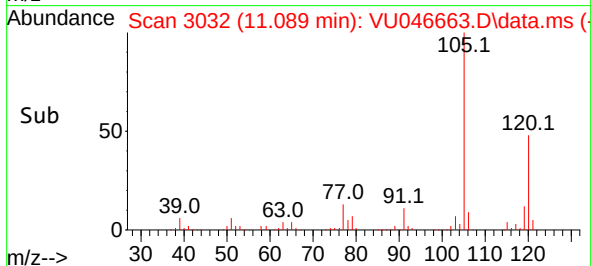
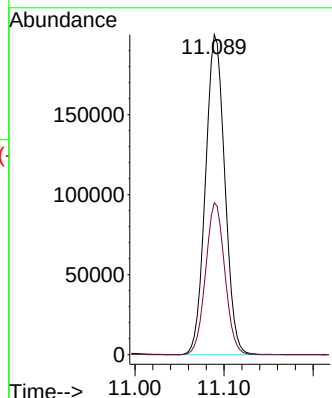
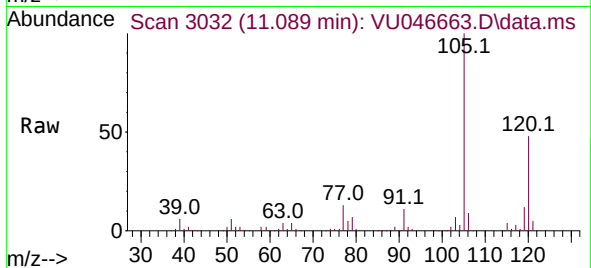
VICV042

Tgt Ion:105 Resp: 300630

Ion Ratio Lower Upper

105 100

120 47.3 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 56.645 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU046663.D

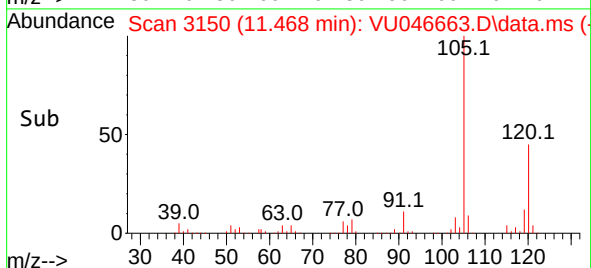
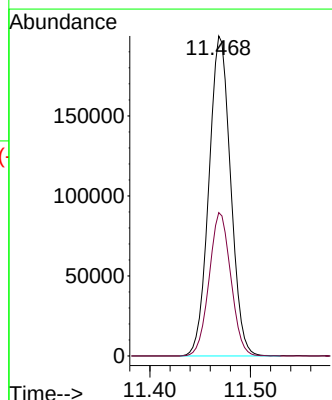
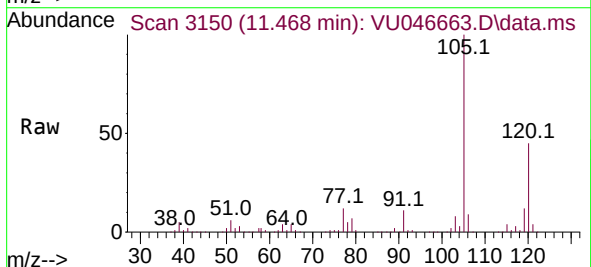
Acq: 05 Jan 2022 14:51

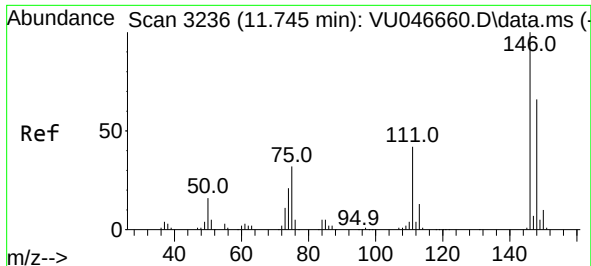
Tgt Ion:105 Resp: 300047

Ion Ratio Lower Upper

105 100

120 44.6 35.4 53.2

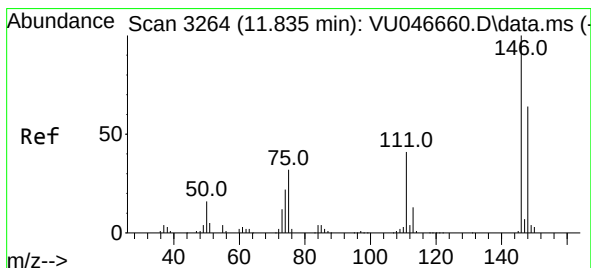
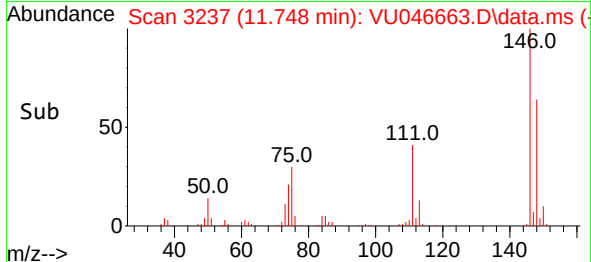
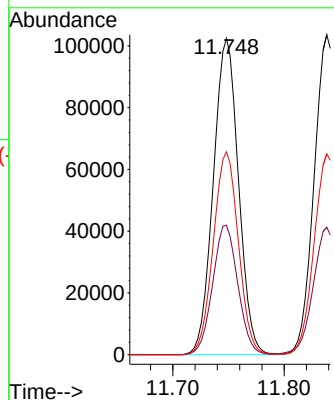
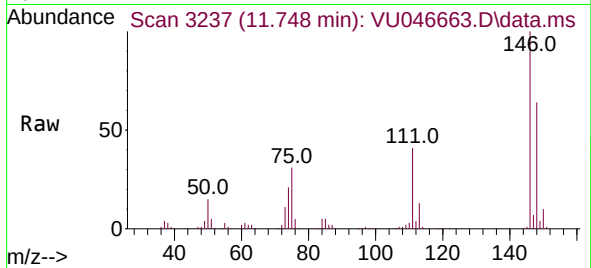




#64
1,3-Dichlorobenzene
Concen: 50.739 ug/L
RT: 11.748 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

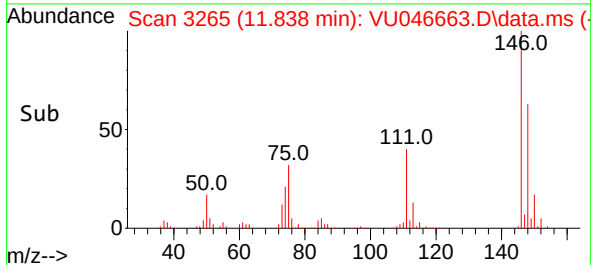
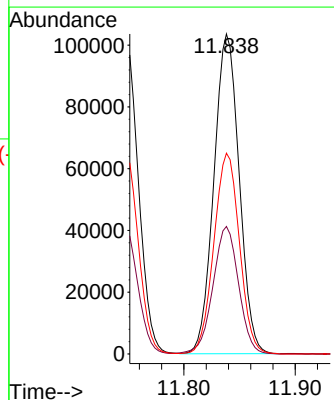
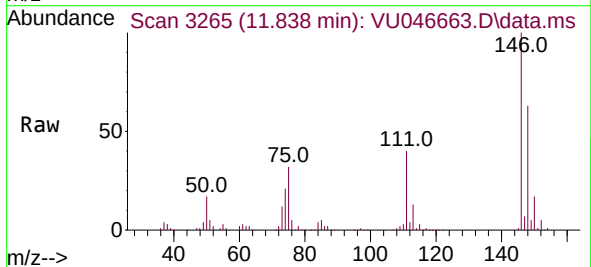
Instrument :
MSVOA_U
ClientSampleId :
VICV042

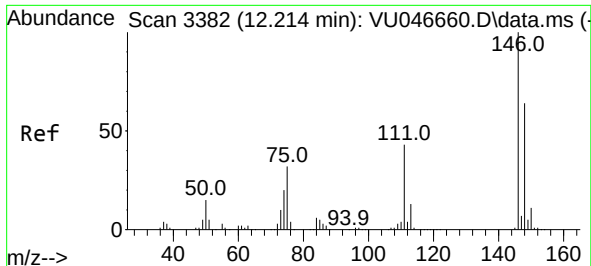
Tgt Ion:146 Resp: 160835
Ion Ratio Lower Upper
146 100
111 41.0 29.4 54.6
148 64.2 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 49.397 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

Tgt Ion:146 Resp: 163152
Ion Ratio Lower Upper
146 100
111 39.8 28.9 53.7
148 62.8 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 49.365 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU046663.D

Acq: 05 Jan 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

VICV042

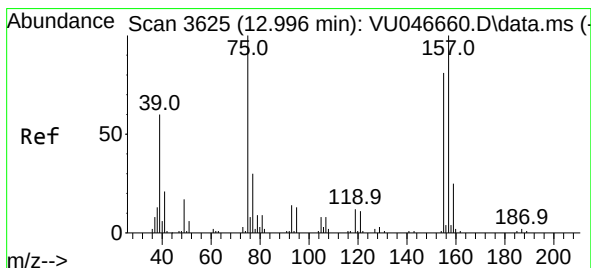
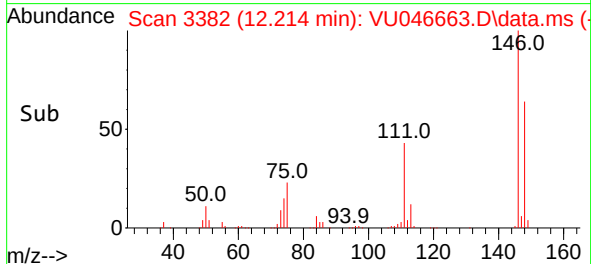
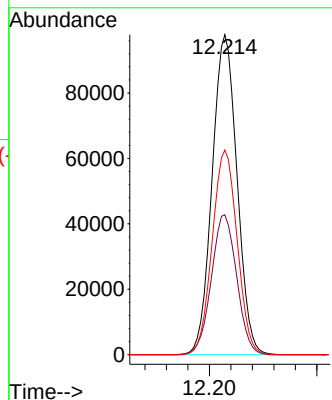
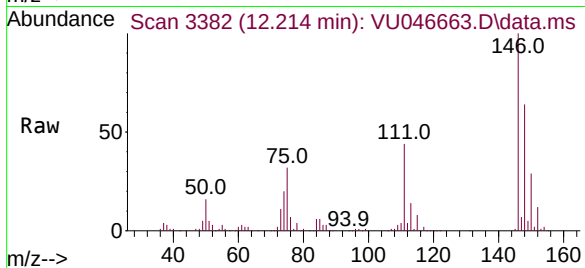
Tgt Ion:146 Resp: 157276

Ion Ratio Lower Upper

146 100

111 43.7 34.2 51.4

148 63.9 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 47.744 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU046663.D

Acq: 05 Jan 2022 14:51

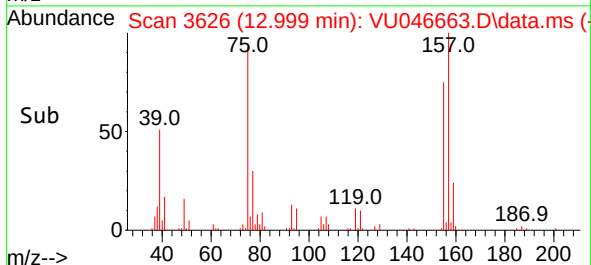
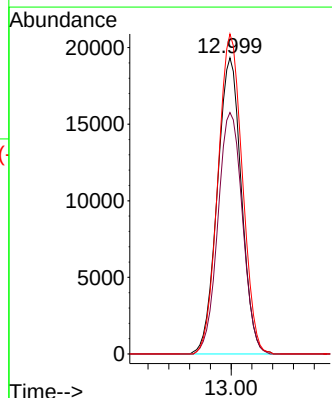
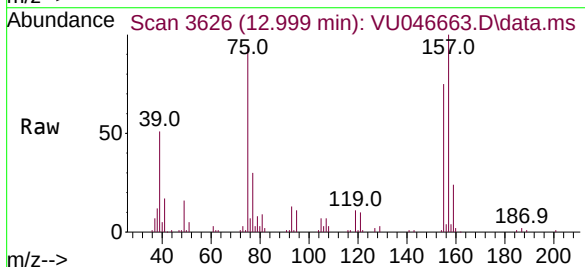
Tgt Ion: 75 Resp: 31137

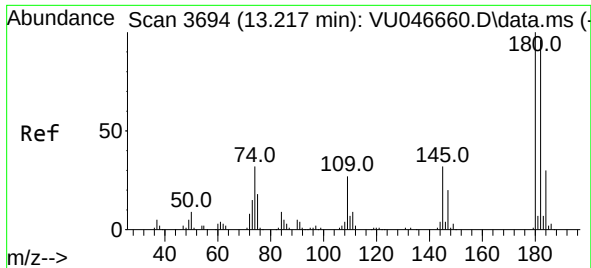
Ion Ratio Lower Upper

75 100

155 81.6 65.0 97.4

157 108.1 79.7 119.5

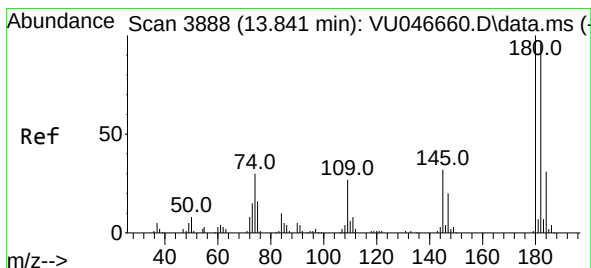
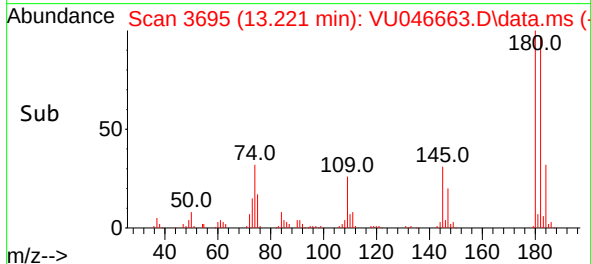
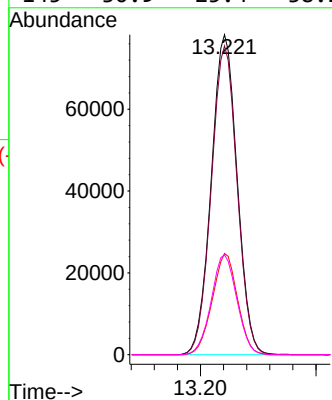
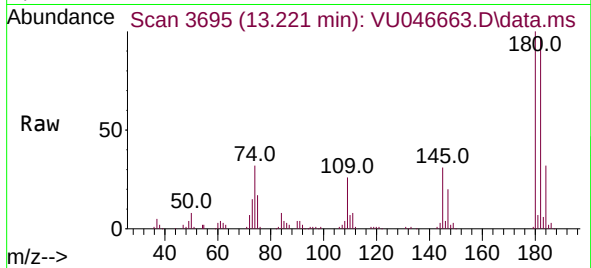




#69
 1,3,5-Trichlorobenzene
 Concen: 50.113 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU046663.D
 Acq: 05 Jan 2022 14:51

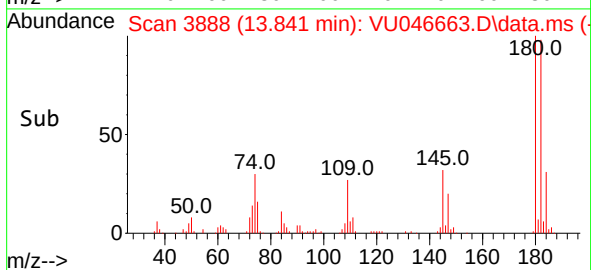
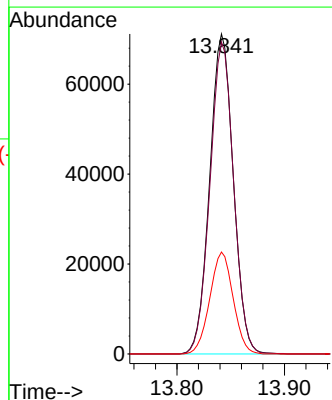
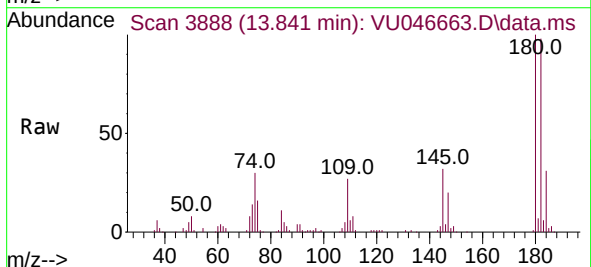
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV042

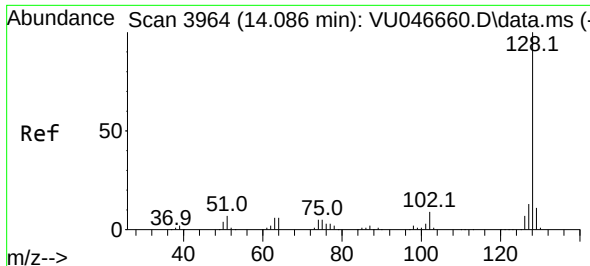
Tgt Ion:	180	Resp:	121665
Ion Ratio	Lower	Upper	
180	100		
182	95.9	77.0	115.6
184	30.8	24.7	37.1
145	30.9	25.4	38.2



#70
 1,2,4-trichlorobenzene
 Concen: 52.305 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU046663.D
 Acq: 05 Jan 2022 14:51

Tgt Ion:	180	Resp:	108551
Ion Ratio	Lower	Upper	
180	100		
182	97.5	76.6	114.8
145	31.4	25.2	37.8

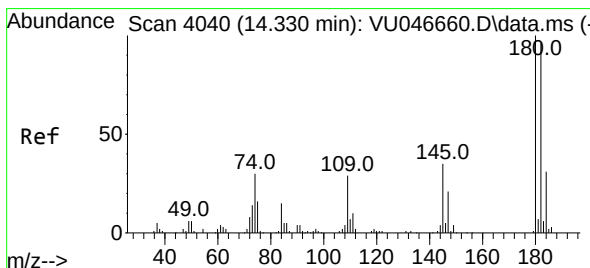
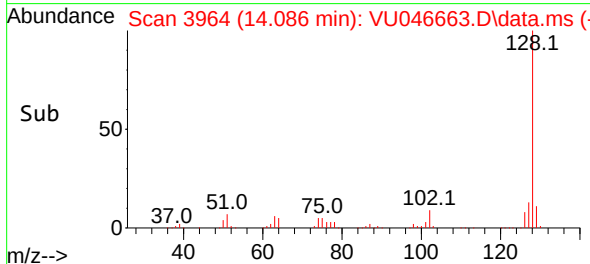
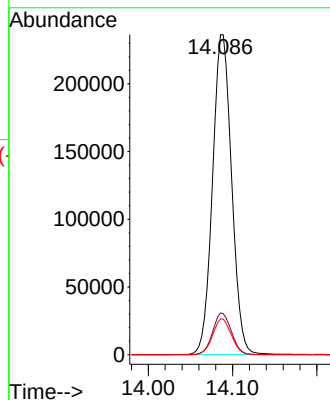
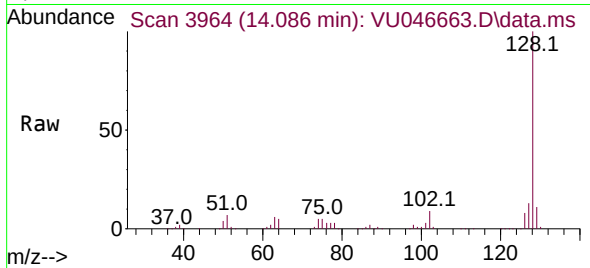




#71
Naphthalene
Concen: 55.006 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

Instrument :
MSVOA_U
ClientSampleId :
VICV042

Tgt Ion:128 Resp: 371282
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 52.461 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046663.D
Acq: 05 Jan 2022 14:51

Tgt Ion:180 Resp: 110017
Ion Ratio Lower Upper
180 100
182 95.8 76.6 115.0
145 32.7 27.4 41.2

