

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070822\
 Data File : VU049657.D
 Acq On : 08 Jul 2022 14:46
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Quant Time: Jul 09 04:37:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 07 07:00:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	40344	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	14346	0.971	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	13986	1.028	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	158322	10.247	ug/l	99
3) Chloromethane	1.533	50	155618	9.847	ug/l	100
4) Vinyl Chloride	1.604	62	146368	10.158	ug/l	99
5) Bromomethane	1.858	94	70091	9.327	ug/l	100
6) Chloroethane	1.932	64	75168	9.315	ug/l	97
7) Trichlorofluoromethane	2.137	101	185760	10.757	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	92706	10.216	ug/l	98
9) 1,1-Dichloroethene	2.581	96	88179	9.640	ug/l	91
10) Iodomethane	2.723	142	118459	10.209	ug/l	93
11) Allyl Chloride	2.922	41	156024	10.002	ug/l	94
12) Acrylonitrile	3.324	53	50647	20.709	ug/l	99
13) Acetone	2.642	43	109145	64.595	ug/l	100
14) Carbon Disulfide	2.790	76	287339	9.540	ug/l	99
15) Methylene Chloride	3.044	84	110577	9.653	ug/l	97
16) trans-1,2-Dichloroethene	3.350	96	93133	9.695	ug/l	96
17) 1,1-Dichloroethane	3.867	63	196639	9.899	ug/l	98
18) 2-Butanone	4.723	43	173592	55.135	ug/l	100
19) Cyclohexane	5.385	56	154117	8.118	ug/l	90
20) Methylcyclohexane	6.761	83	172790	9.233	ug/l	99
21) 2,2-Dichloropropane	4.665	77	165498	10.181	ug/l	98
22) cis-1,2-Dichloroethene	4.668	96	114065	9.628	ug/l	97
23) Diethyl Ether	2.379	59	79874	10.250	ug/l	95
24) tert-Butyl Alcohol	3.231	59	109112	122.727	ug/l	# 86
25) Methyl tert-Butyl Ether	3.369	73	261219	10.212	ug/l	95
26) Bromochloromethane	4.973	128	51755	10.377	ug/l	99
27) Chloroform	5.089	83	200095	10.236	ug/l	95
28) 1,1,1-Trichloroethane	5.314	97	177641	10.305	ug/l	100
29) 1,1-Dichloropropene	5.526	75	148222	9.628	ug/l	99
30) Carbon Tetrachloride	5.523	117	150553	10.372	ug/l	98
31) Isopropyl Ether	4.002	45	326842	9.594	ug/l	95
32) Ethyl-t-butyl ether	4.510	59	310072	9.616	ug/l	100
33) Tert-Amyl methyl ether	5.948	73	271338	9.678	ug/l	98
34) Propionitrile	4.796	54	52911	56.098	ug/l	96
35) Benzene	5.774	78	432926	9.869	ug/l	100
36) 1,2-Dichloroethane	5.796	62	133766	10.724	ug/l	98
37) Trichloroethene	6.542	130	107723	9.716	ug/l	98
38) 1,2-Dichloropropane	6.793	63	116553	10.036	ug/l	98
39) Methacrylonitrile	4.980	41	40946	10.133	ug/l	97
40) Methyl acrylate	4.854	55	64761	10.233	ug/l	99
41) Tetrahydrofuran	5.070	42	43782	20.676	ug/l	99
42) 1-Chlorobutane	5.459	56	214314	9.927	ug/l	100
43) Dibromomethane	6.919	93	59430	10.270	ug/l	97
44) Bromodichloromethane	7.108	83	146898	10.591	ug/l	97

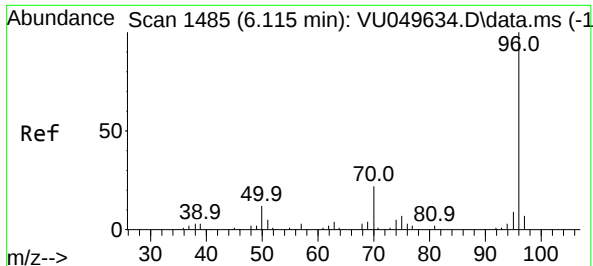
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	416705	53.057	ug/l	98
46) t-1,4-Dichloro-2-butene	10.825	75	142591	55.790	ug/l #	54
47) Methyl methacrylate	6.964	69	122268	20.954	ug/l	97
48) Ethyl methacrylate	8.337	69	119901	10.243	ug/l	99
49) Toluene	7.970	92	261069	9.745	ug/l	98
50) t-1,3-Dichloropropene	8.211	75	141473	10.560	ug/l	97
51) cis-1,3-Dichloropropene	7.610	75	162675	10.246	ug/l	99
52) 1,1,2-Trichloroethane	8.401	97	83170	10.414	ug/l	98
53) 1,3-Dichloropropane	8.578	76	146239	10.202	ug/l	99
54) 2-Hexanone	8.687	43	296084	54.282	ug/l	99
55) Dibromochloromethane	8.812	129	98050	10.748	ug/l	99
56) 1,2-Dibromoethane	8.925	107	80336	10.388	ug/l	99
58) Tetrachloroethene	8.552	164	93050	10.094	ug/l	98
59) Chlorobenzene	9.446	112	273668	9.765	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.536	131	101610	10.193	ug/l	100
61) Pentachloroethane	11.430	117	80824	10.560	ug/l	100
62) Hexachloroethane	12.475	117	81247	10.598	ug/l	99
63) Ethyl Benzene	9.571	91	506236	10.036	ug/l	100
64) m/p-Xylenes	9.693	106	376636	20.185	ug/l	98
65) o-Xylene	10.102	106	181596	9.902	ug/l	99
66) Styrene	10.115	104	311148	10.560	ug/l	99
67) Bromoform	10.291	173	57300	11.007	ug/l	98
69) Isopropylbenzene	10.484	105	492875	10.062	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.783	83	107943	10.404	ug/l	100
71) 1,2,3-Trichloropropane	10.825	75	142591	16.600	ug/l	72
72) Bromobenzene	10.783	156	115060	10.424	ug/l	99
73) n-propylbenzene	10.906	120	130433	10.552	ug/l	100
74) 2-Chlorotoluene	10.986	126	112878	10.242	ug/l	99
75) 1,3,5-Trimethylbenzene	11.089	105	422823	10.326	ug/l	99
76) 4-Chlorotoluene	11.098	126	121621	11.003	ug/l	86
77) tert-Butylbenzene	11.420	119	404369	10.029	ug/l	99
78) 1,2,4-Trimethylbenzene	11.468	105	433292	10.540	ug/l	100
79) sec-Butylbenzene	11.645	105	542949	10.266	ug/l	100
80) Nitrobenzene	13.208	77	24118	56.822	ug/l #	94
81) p-Isopropyltoluene	11.793	119	450566	10.503	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	225203	10.547	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	223948	10.394	ug/l	100
84) n-Butylbenzene	12.208	91	442547	11.077	ug/l	99
85) 1,2-Dichlorobenzene	12.211	146	212032	10.250	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.996	75	21453	11.856	ug/l	90
87) 1,2,4-Trichlorobenzene	13.841	180	155828	11.167	ug/l	99
88) Hexachlorobutadiene	14.021	225	82549	11.607	ug/l	99
89) Naphthalene	14.086	128	328298	11.220	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	148498	11.144	ug/l	100

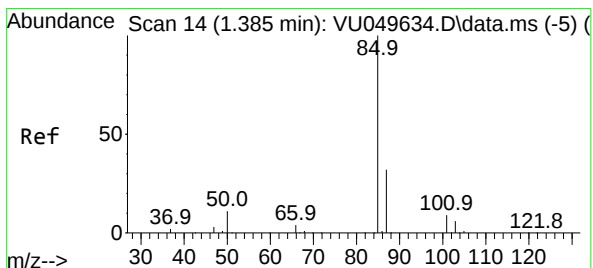
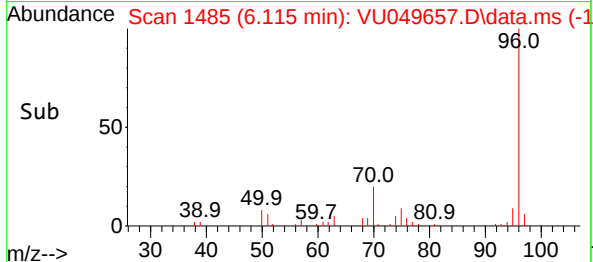
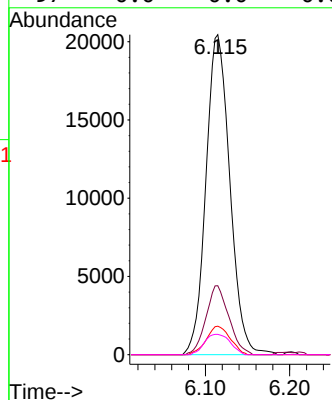
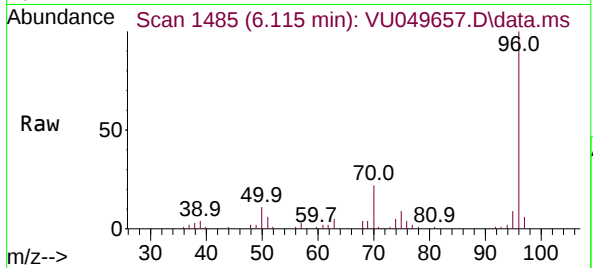
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049657.D
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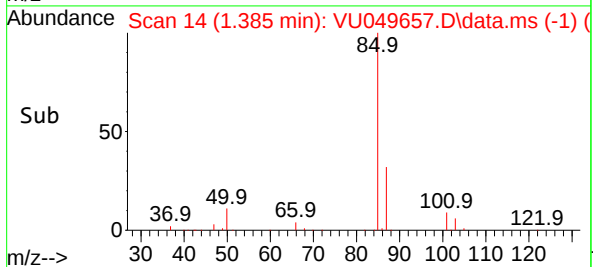
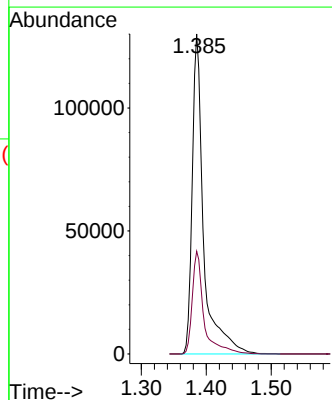
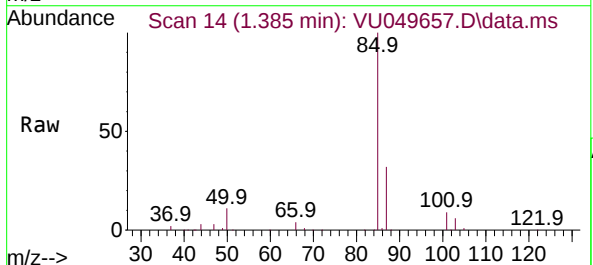
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 96	Resp: 40344
Ion Ratio	Lower Upper
96 100	
70 20.6	16.7 25.1
95 8.9	7.4 11.0
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 10.247 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Tgt Ion: 85	Resp: 158322
Ion Ratio	Lower Upper
85 100	
87 32.1	16.3 48.8

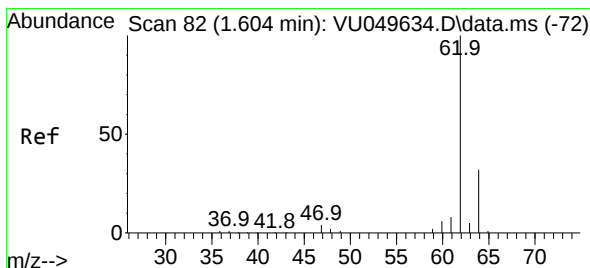
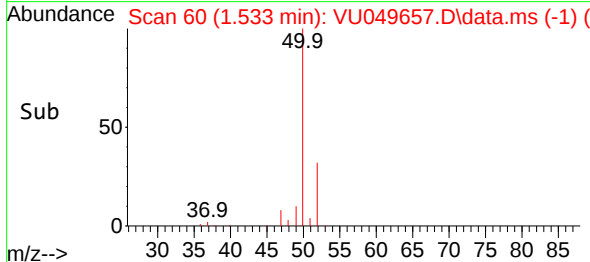
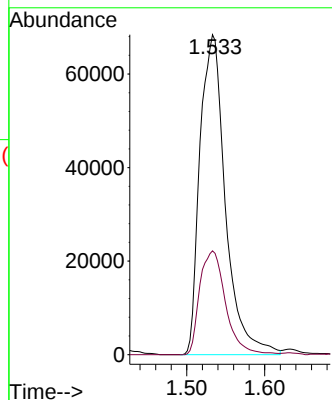
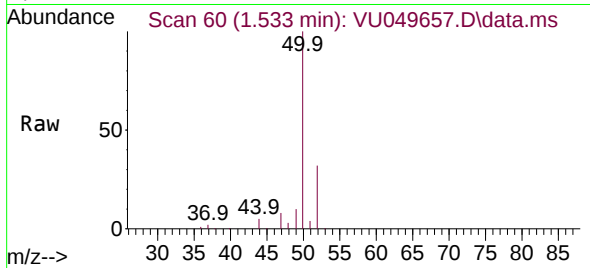




#3
Chloromethane
Concen: 9.847 ug/l
RT: 1.533 min Scan# 60
Delta R.T. 0.006 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

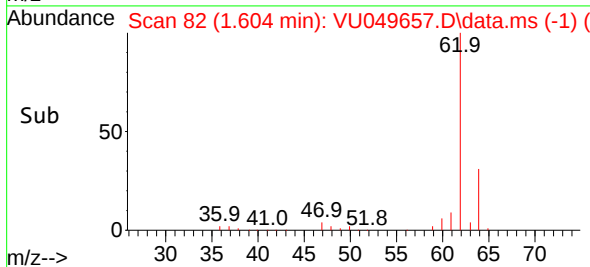
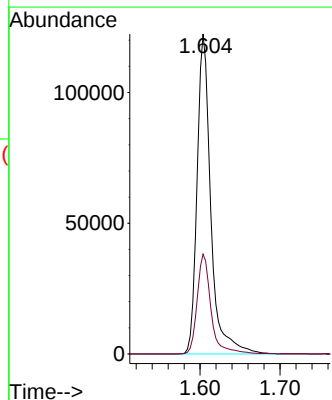
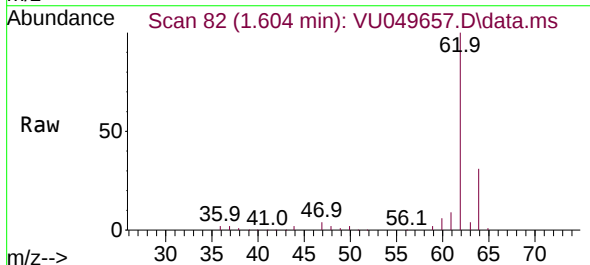
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ClientSampleId :
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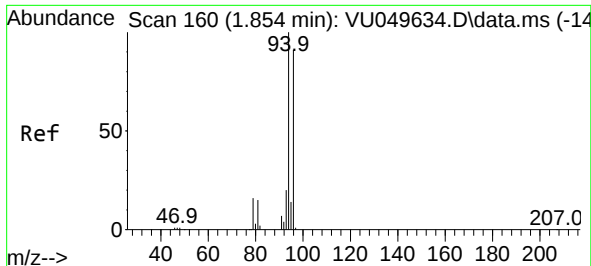
Tgt Ion: 50 Resp: 155618
Ion Ratio Lower Upper
50 100
52 32.5 26.1 39.1



#4
Vinyl Chloride
Concen: 10.158 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Tgt Ion: 62 Resp: 146368
Ion Ratio Lower Upper
62 100
64 31.1 25.5 38.3

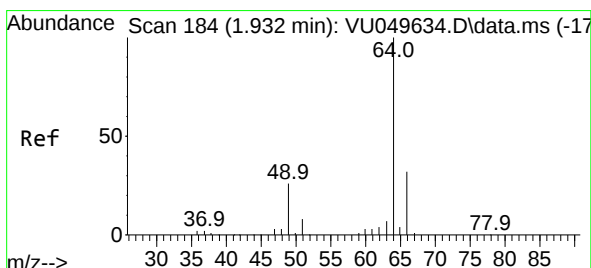
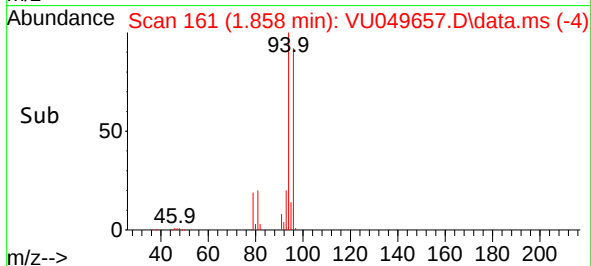
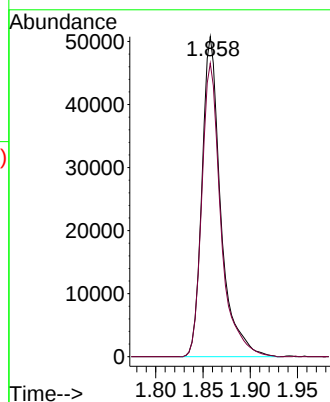
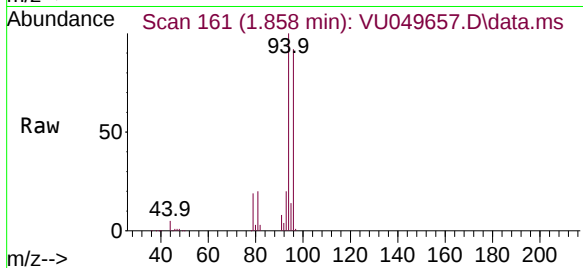




#5
Bromomethane
Concen: 9.327 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.003 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

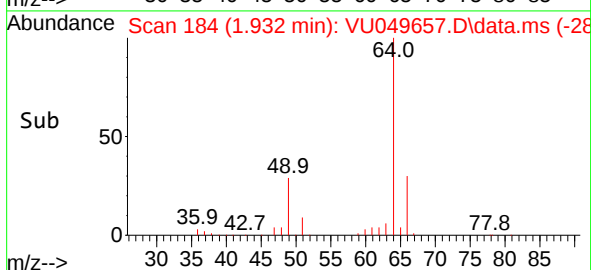
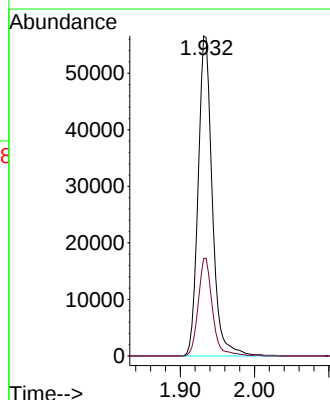
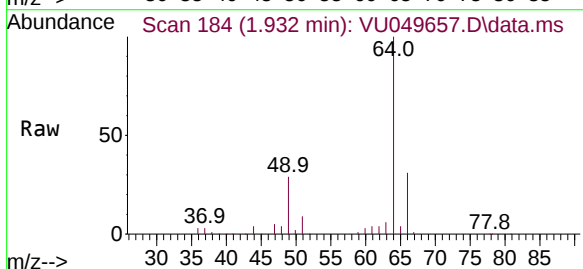
Instrument :
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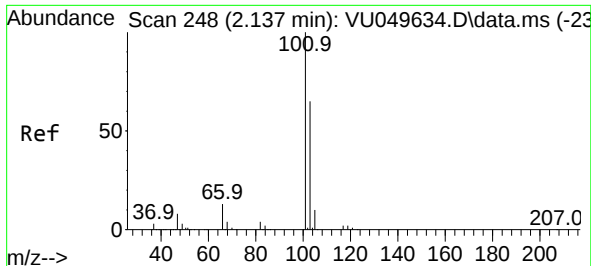
Tgt Ion: 94 Resp: 70091
Ion Ratio Lower Upper
94 100
96 91.7 73.0 109.6



#6
Chloroethane
Concen: 9.315 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Tgt Ion: 64 Resp: 75168
Ion Ratio Lower Upper
64 100
66 30.5 25.8 38.6

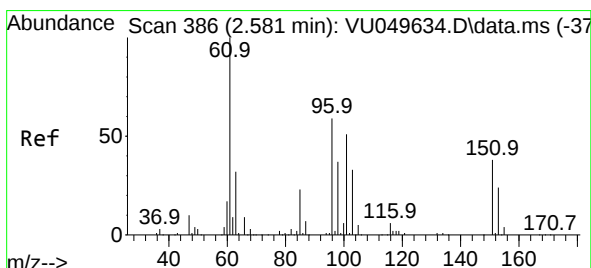
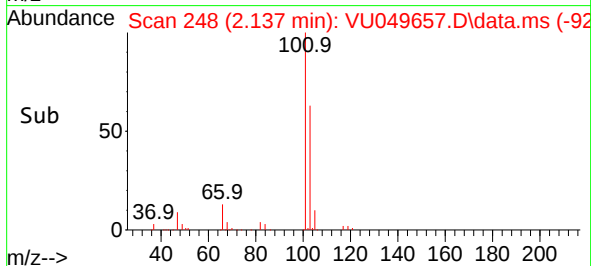
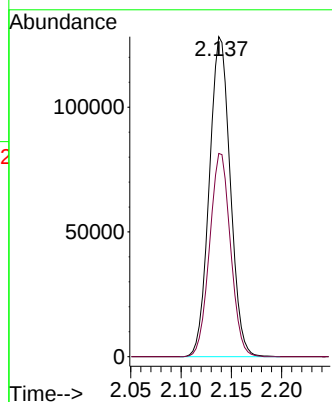
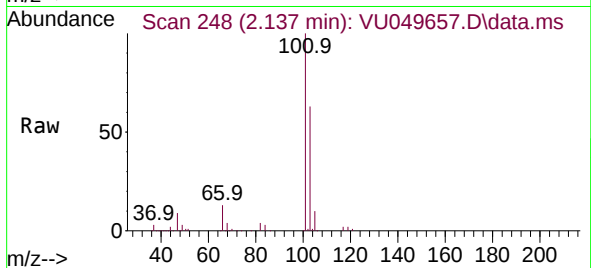




#7
 Trichlorofluoromethane
 Concen: 10.757 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU049657.D
 Acq: 08 Jul 2022 14:46

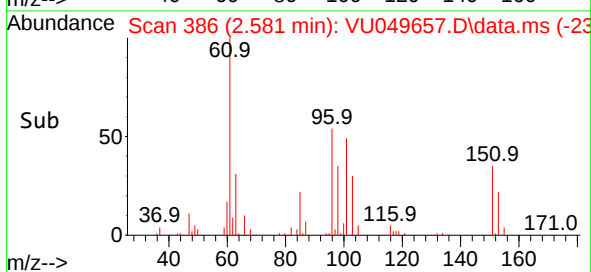
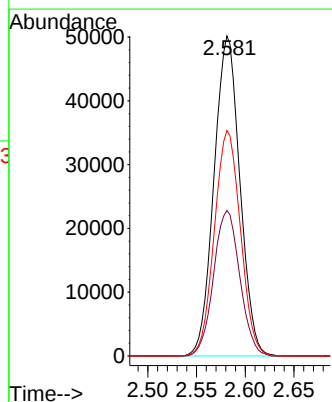
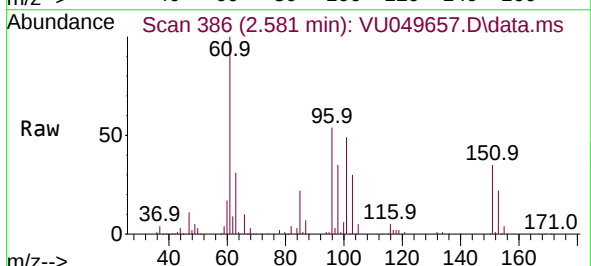
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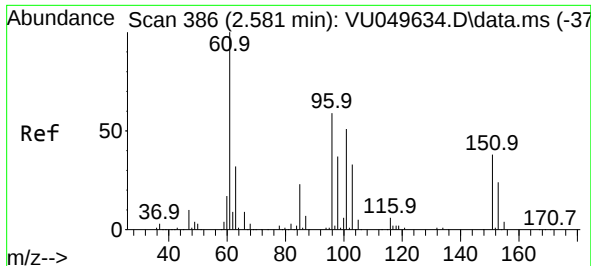
Tgt Ion:101 Resp: 185760
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.216 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU049657.D
 Acq: 08 Jul 2022 14:46

Tgt Ion:101 Resp: 92706
 Ion Ratio Lower Upper
 101 100
 85 46.0 36.4 54.6
 151 71.0 59.1 88.7

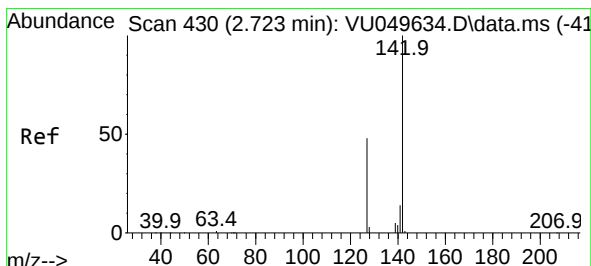
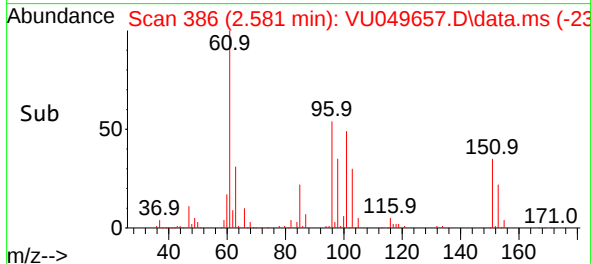
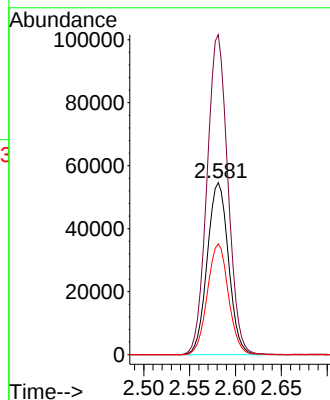
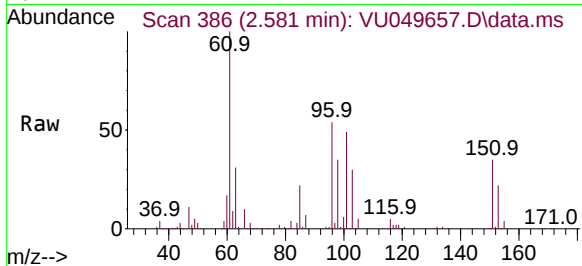




#9
1,1-Dichloroethene
Concen: 9.640 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

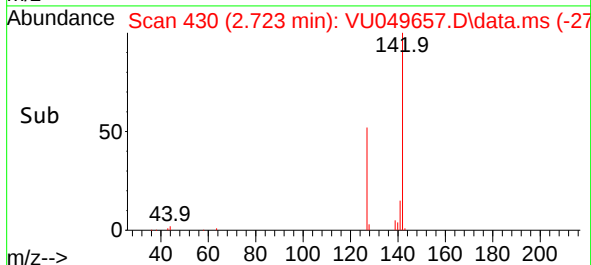
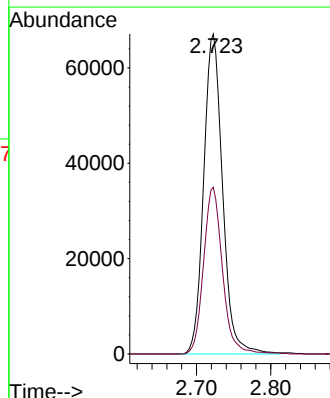
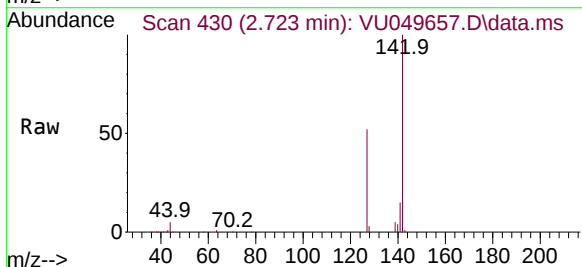
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 96 Resp: 88179
Ion Ratio Lower Upper
96 100
61 186.0 0.0 510.6
98 64.4 0.0 124.6



#10
Iodomethane
Concen: 10.209 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Tgt Ion: 142 Resp: 118459
Ion Ratio Lower Upper
142 100
127 52.1 38.2 57.2

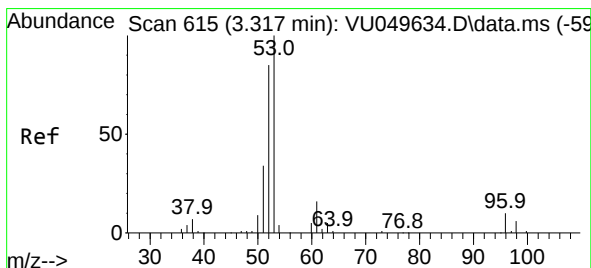
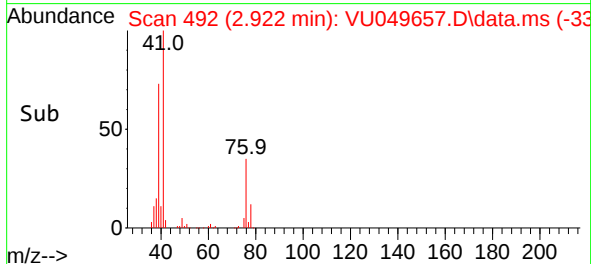
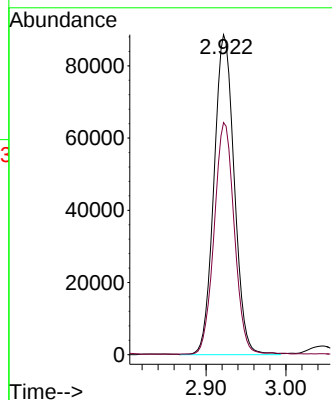
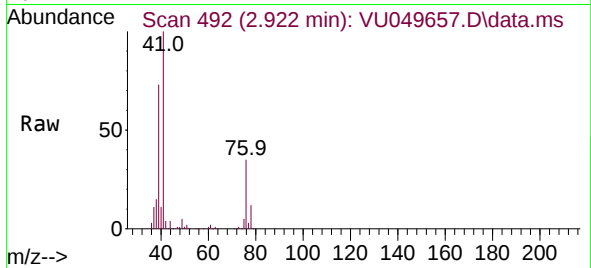




#11
 Allyl Chloride
 Concen: 10.002 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.000 min
 Lab File: VU049657.D
 Acq: 08 Jul 2022 14:46

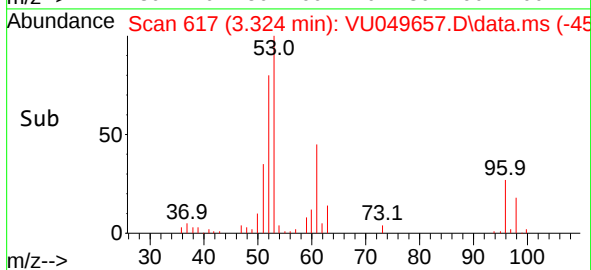
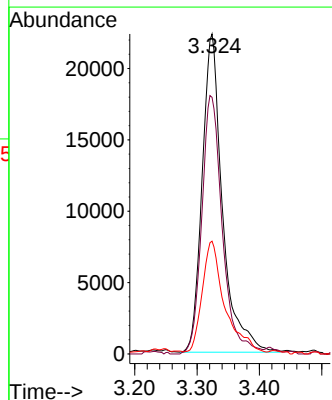
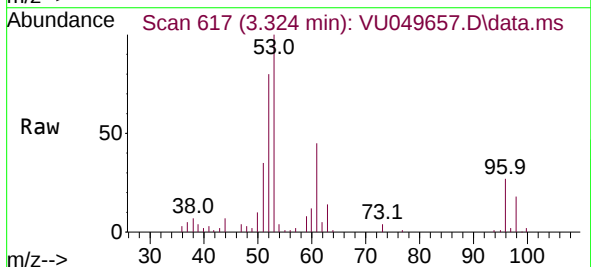
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

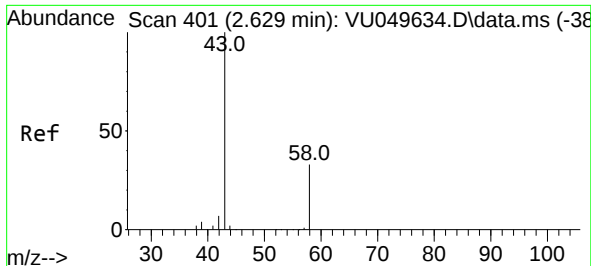
Tgt Ion: 41 Resp: 156024
 Ion Ratio Lower Upper
 41 100
 39 71.6 53.2 79.8



#12
 Acrylonitrile
 Concen: 20.709 ug/l
 RT: 3.324 min Scan# 617
 Delta R.T. 0.007 min
 Lab File: VU049657.D
 Acq: 08 Jul 2022 14:46

Tgt Ion: 53 Resp: 50647
 Ion Ratio Lower Upper
 53 100
 52 82.2 64.6 97.0
 51 37.9 30.7 46.1





#13

Acetone

Concen: 64.595 ug/l

RT: 2.642 min Scan# 401

Delta R.T. 0.013 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

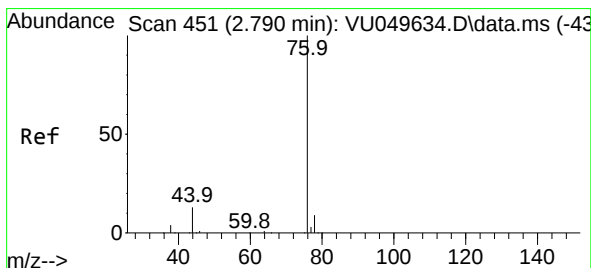
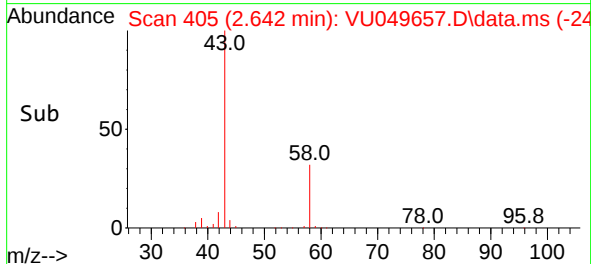
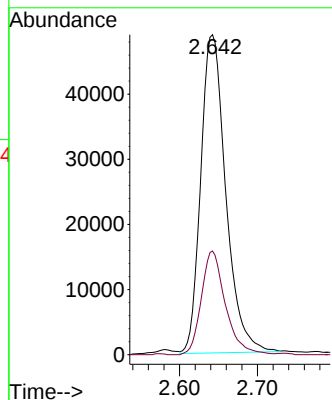
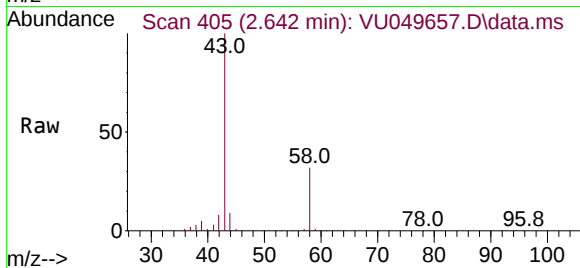
VSTDCCC010

Tgt Ion: 43 Resp: 109145

Ion Ratio Lower Upper

43 100

58 32.7 26.2 39.2



#14

Carbon Disulfide

Concen: 9.540 ug/l

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU049657.D

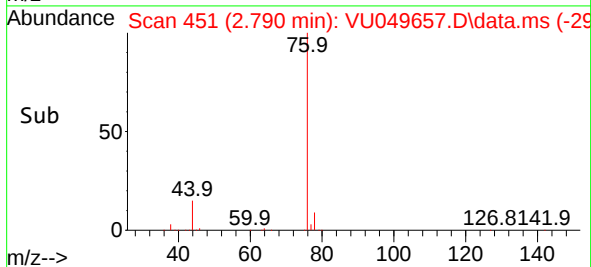
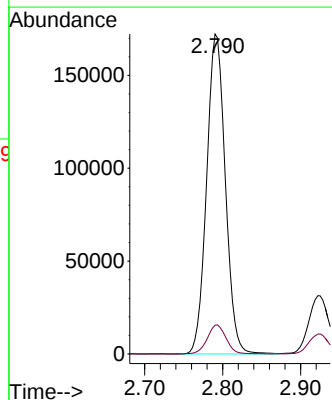
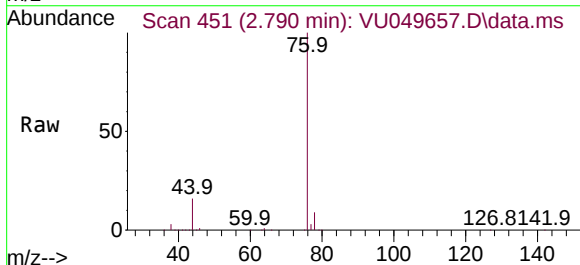
Acq: 08 Jul 2022 14:46

Tgt Ion: 76 Resp: 287339

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



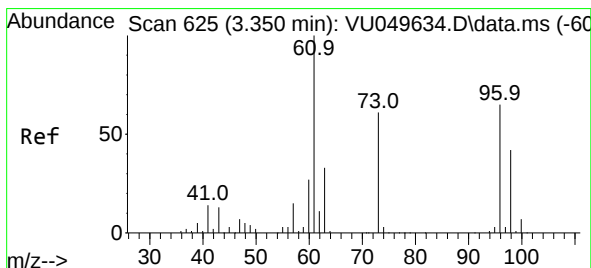
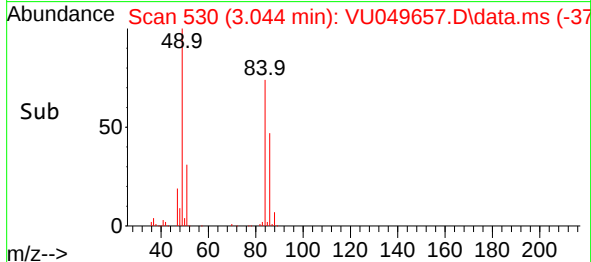
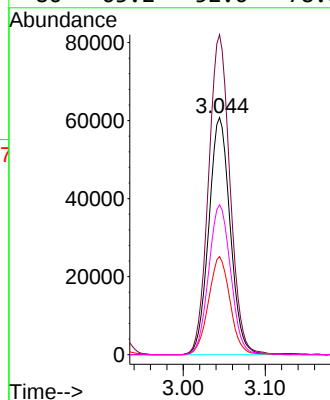
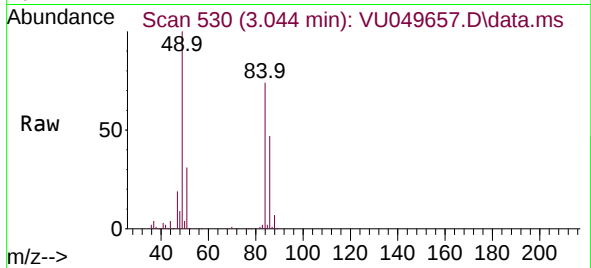


#15
Methylene Chloride
Concen: 9.653 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 84 Resp: 110577

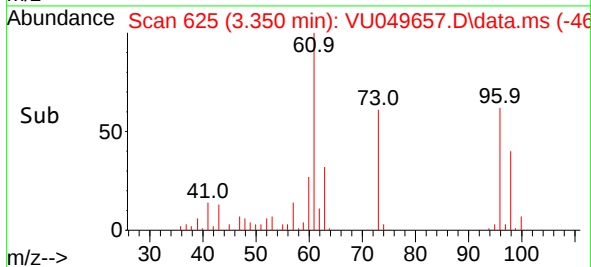
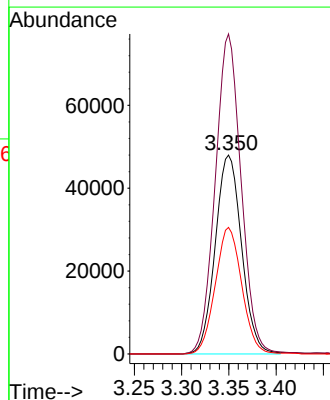
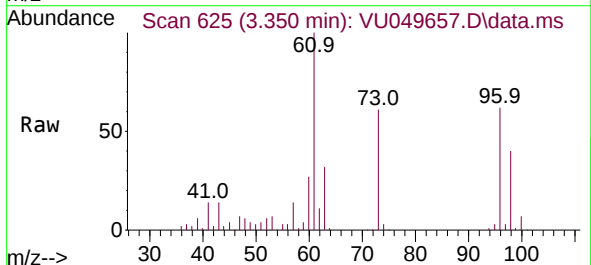
Ion	Ratio	Lower	Upper
84	100		
49	134.9	104.6	157.0
51	41.4	0.0	81.4
86	63.2	52.6	78.8

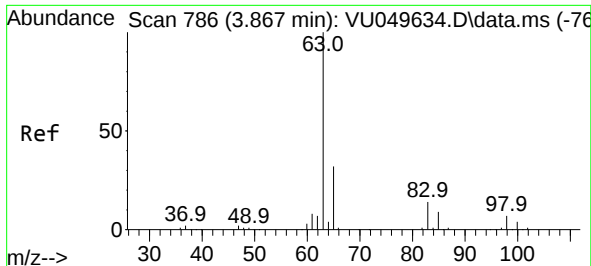


#16
trans-1,2-Dichloroethene
Concen: 9.695 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Tgt Ion: 96 Resp: 93133

Ion	Ratio	Lower	Upper
96	100		
61	160.9	123.4	185.0
98	63.7	51.6	77.4

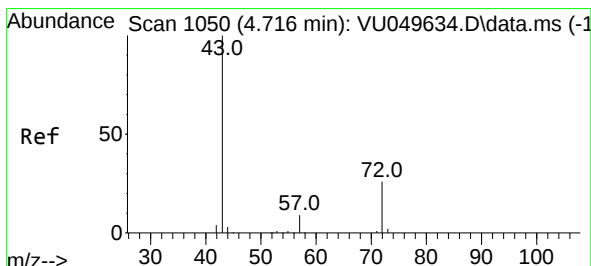
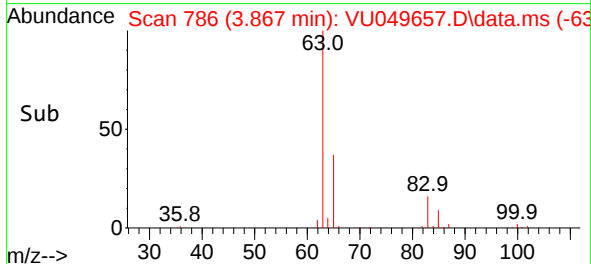
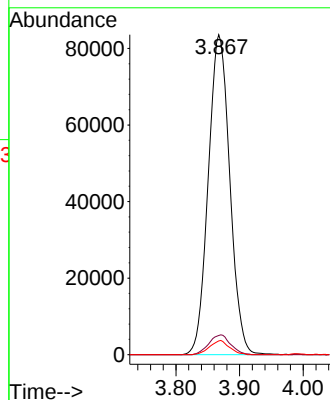
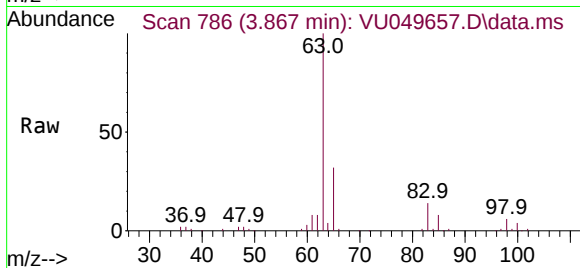




#17
 1,1-Dichloroethane
 Concen: 9.899 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VU049657.D
 Acq: 08 Jul 2022 14:46

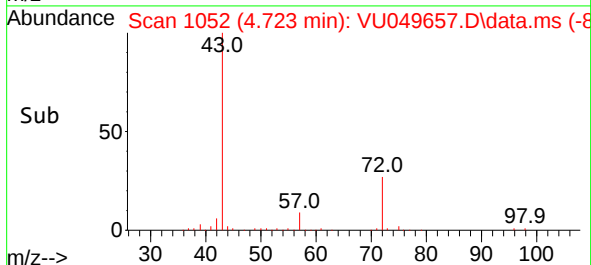
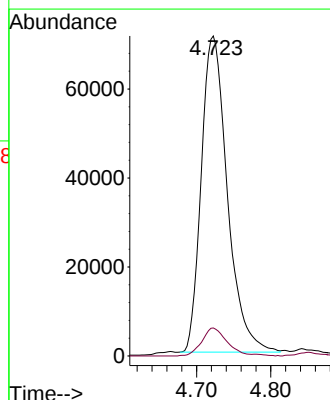
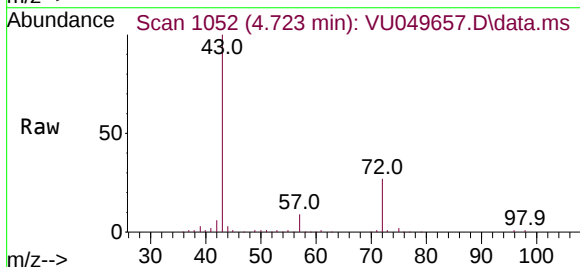
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

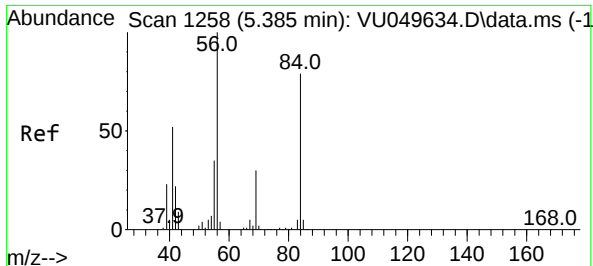
Tgt Ion: 63 Resp: 196639
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.4 10.2
 100 4.5 2.0 6.0



#18
 2-Butanone
 Concen: 55.135 ug/l
 RT: 4.723 min Scan# 1052
 Delta R.T. 0.007 min
 Lab File: VU049657.D
 Acq: 08 Jul 2022 14:46

Tgt Ion: 43 Resp: 173592
 Ion Ratio Lower Upper
 43 100
 57 8.8 0.0 18.0





#19

Cyclohexane

Concen: 8.118 ug/l

RT: 5.385 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

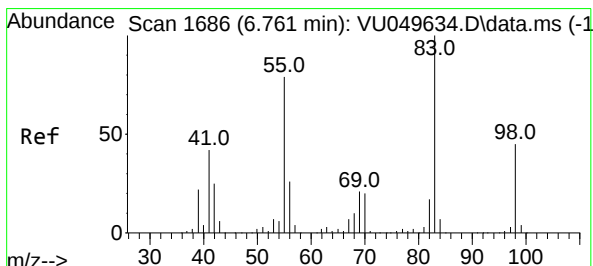
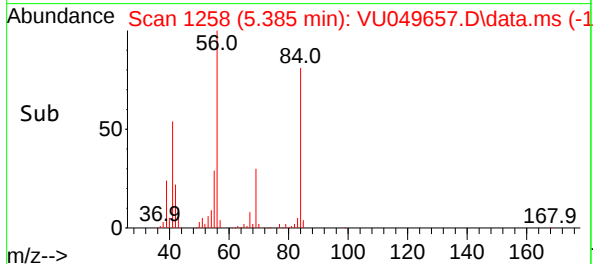
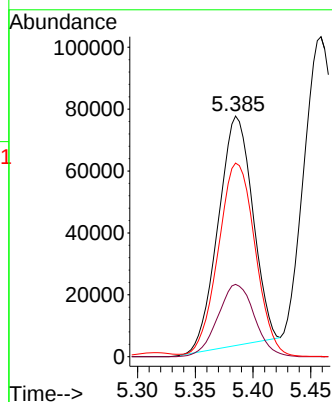
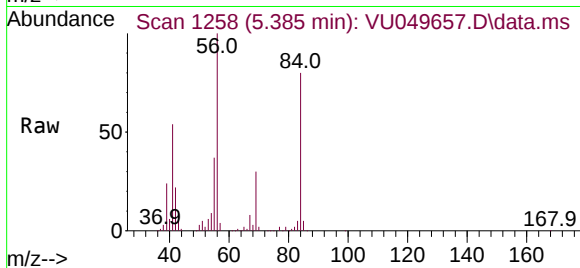
Tgt Ion: 56 Resp: 154117

Ion Ratio Lower Upper

56 100

69 33.6 24.2 36.4

84 89.2 63.4 95.2



#20

Methylcyclohexane

Concen: 9.233 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

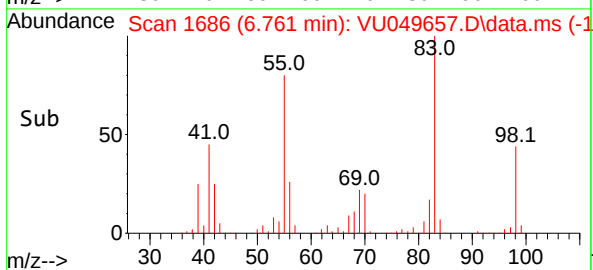
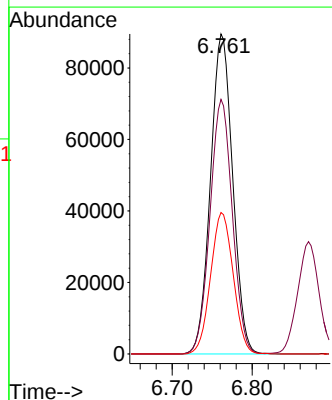
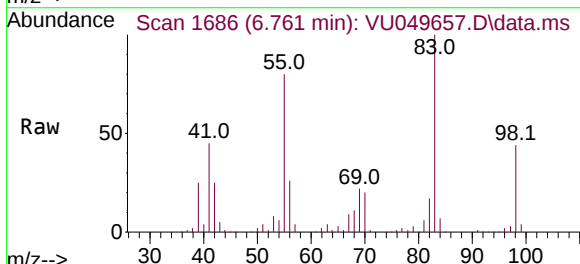
Tgt Ion: 83 Resp: 172790

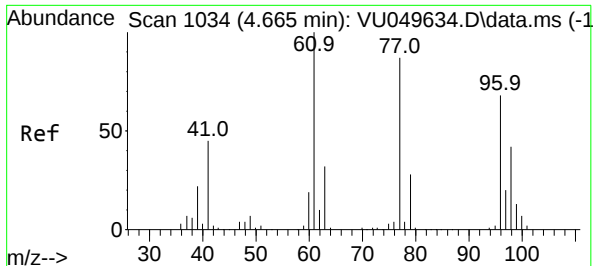
Ion Ratio Lower Upper

83 100

55 79.9 63.0 94.4

98 45.0 35.7 53.5





#21

2,2-Dichloropropane

Concen: 10.181 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

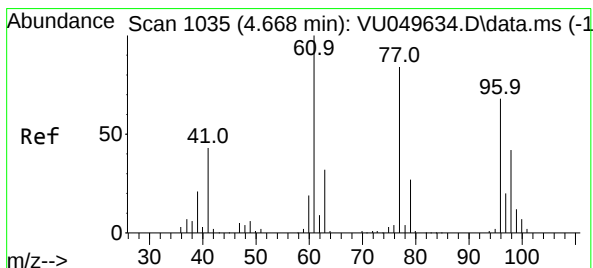
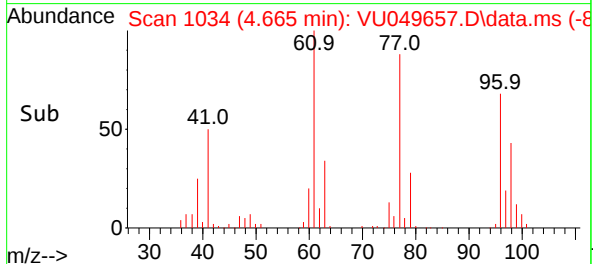
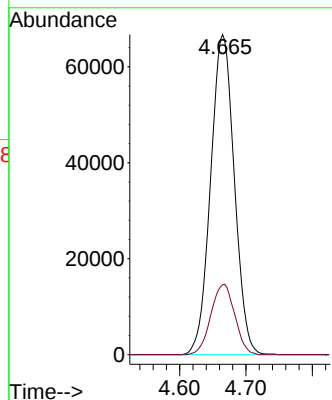
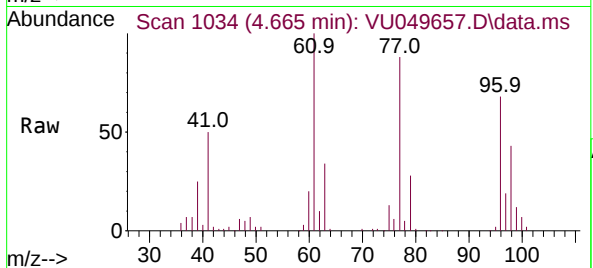
VSTDCCC010

Tgt Ion: 77 Resp: 165498

Ion Ratio Lower Upper

77 100

97 22.2 18.5 27.7



#22

cis-1,2-Dichloroethene

Concen: 9.628 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

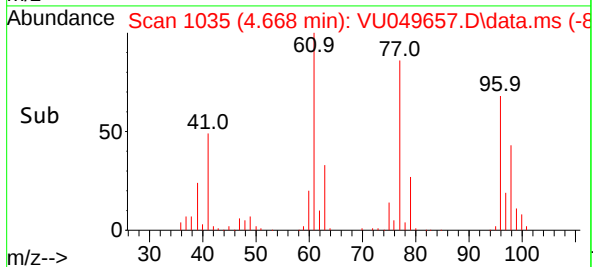
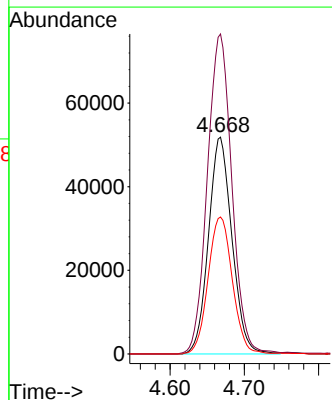
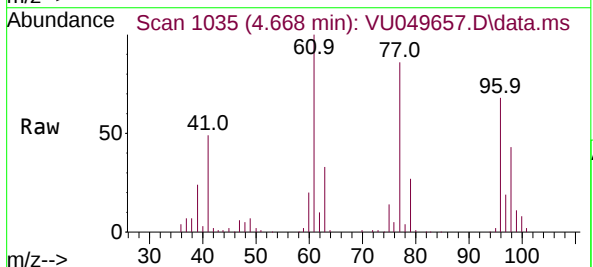
Tgt Ion: 96 Resp: 114065

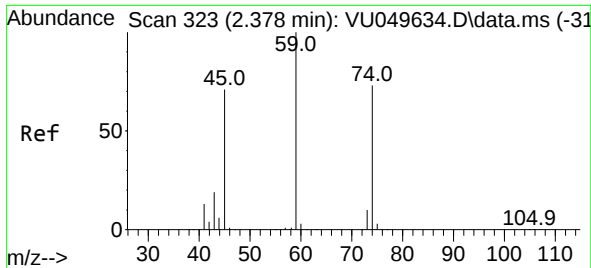
Ion Ratio Lower Upper

96 100

61 153.8 0.0 375.8

98 65.2 31.6 95.0

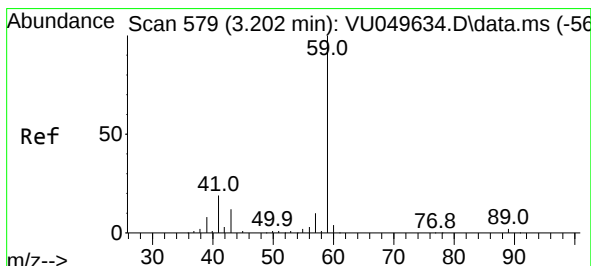
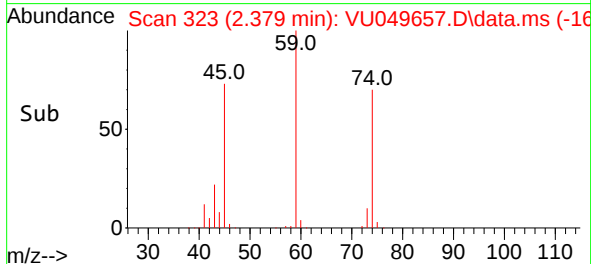
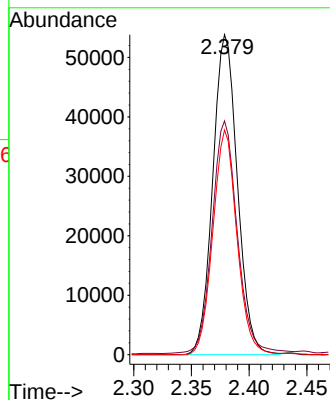
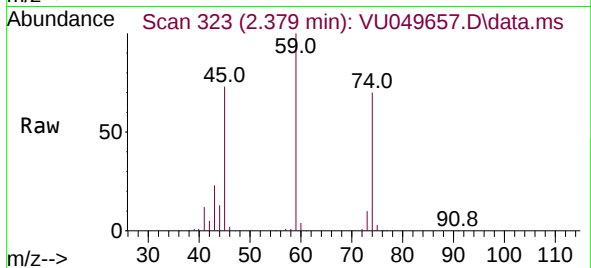




#23
Diethyl Ether
Concen: 10.250 ug/l
RT: 2.379 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

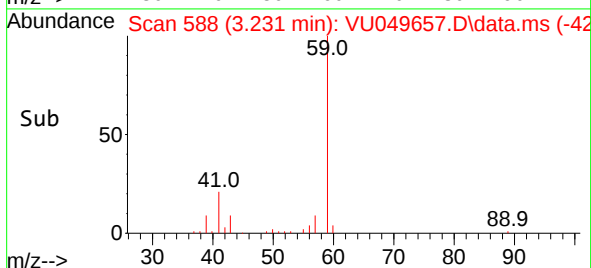
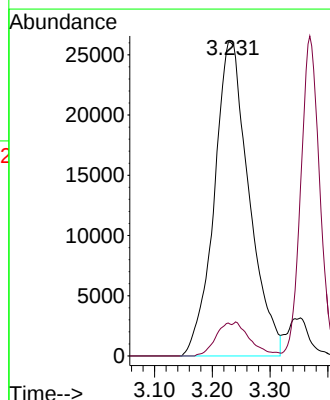
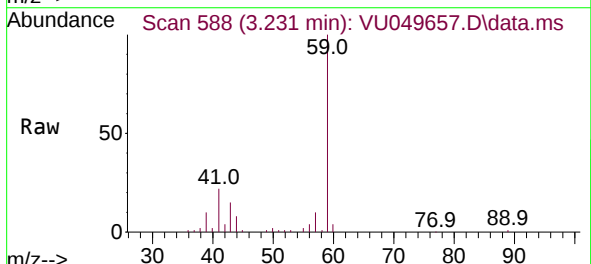
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

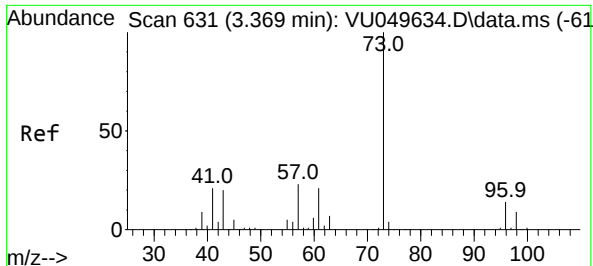
Tgt Ion: 59	Resp: 79874
Ion Ratio	Lower Upper
59	100
45	74.2 56.0 84.0
74	68.7 57.6 86.4



#24
tert-Butyl Alcohol
Concen: 122.727 ug/l
RT: 3.231 min Scan# 588
Delta R.T. 0.029 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Tgt Ion: 59	Resp: 109112
Ion Ratio	Lower Upper
59	100
57	5.0 8.2 12.2#

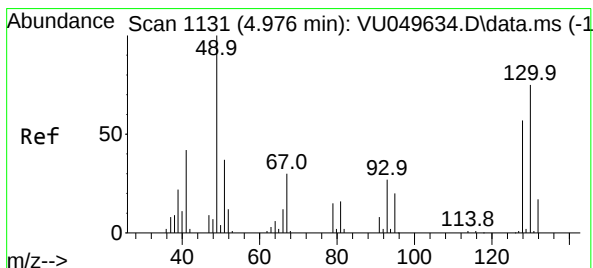
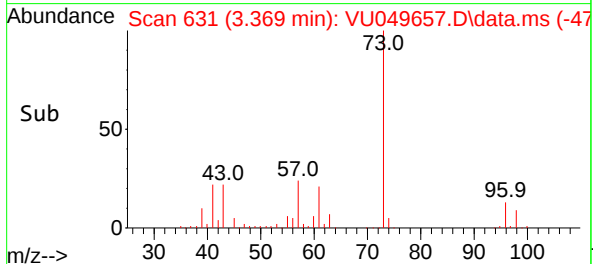
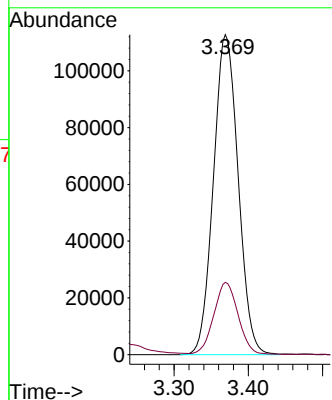
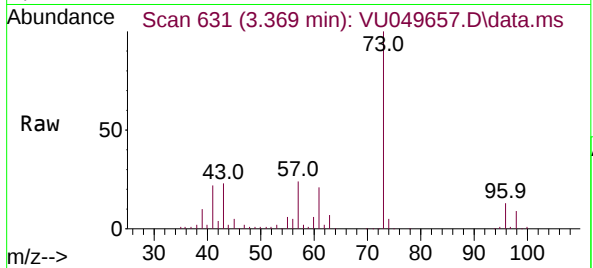




#25
Methyl tert-Butyl Ether
Concen: 10.212 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

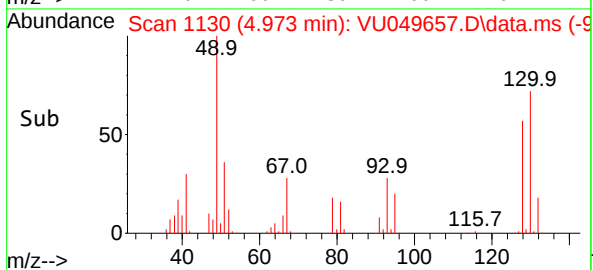
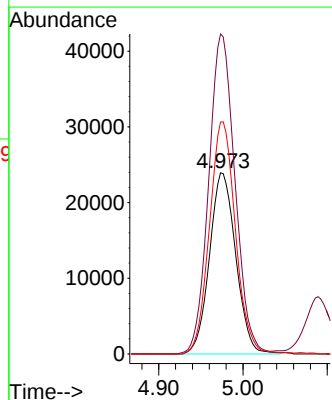
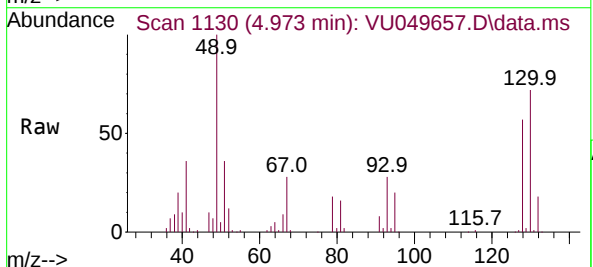
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

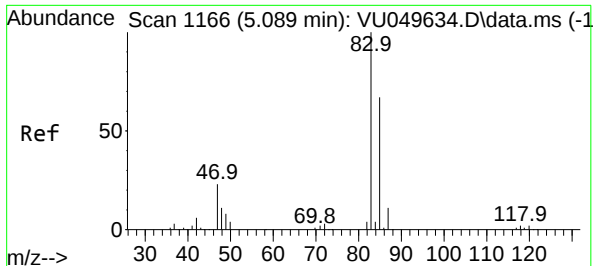
Tgt Ion: 73 Resp: 261219
Ion Ratio Lower Upper
73 100
43 22.1 15.9 23.9



#26
Bromochloromethane
Concen: 10.377 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Tgt Ion: 128 Resp: 51755
Ion Ratio Lower Upper
128 100
49 176.3 0.0 349.2
130 127.0 103.0 154.6





#27

Chloroform

Concen: 10.236 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

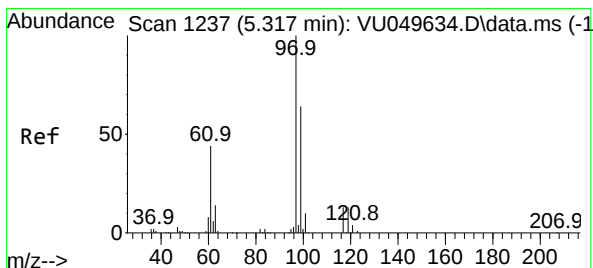
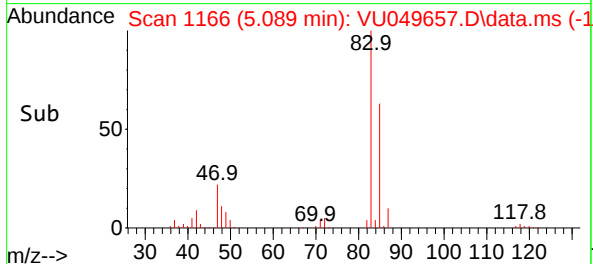
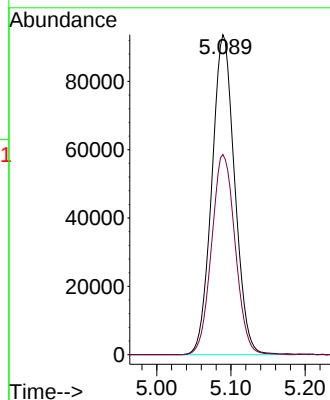
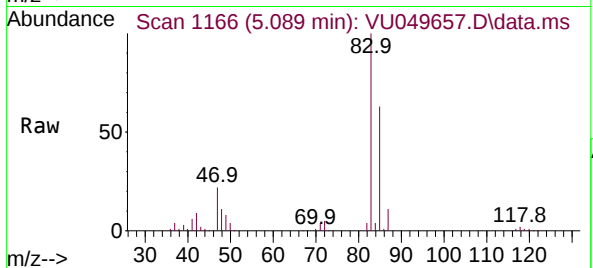
VSTDCCC010

Tgt Ion: 83 Resp: 200095

Ion Ratio Lower Upper

83 100

85 62.5 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 10.305 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

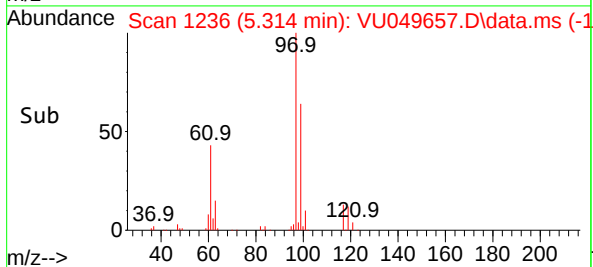
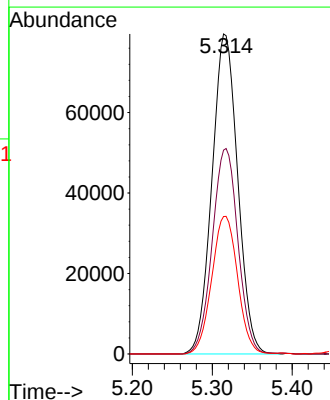
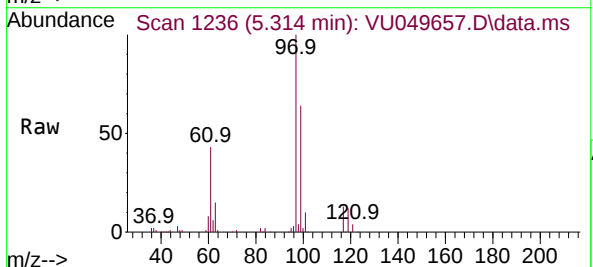
Tgt Ion: 97 Resp: 177641

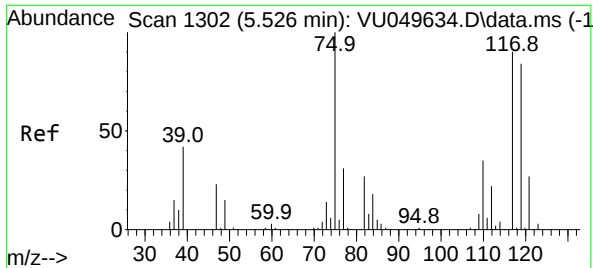
Ion Ratio Lower Upper

97 100

99 64.3 32.1 96.5

61 43.2 21.8 65.4





#29

1,1-Dichloropropene

Concen: 9.628 ug/l

RT: 5.526 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

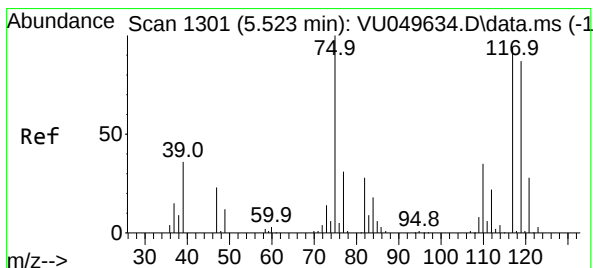
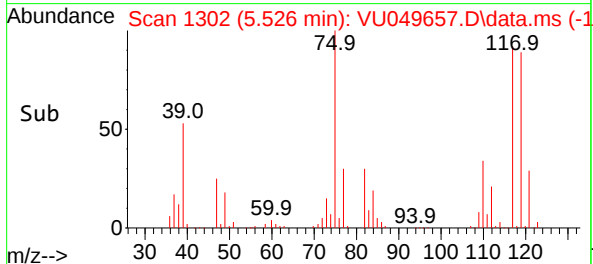
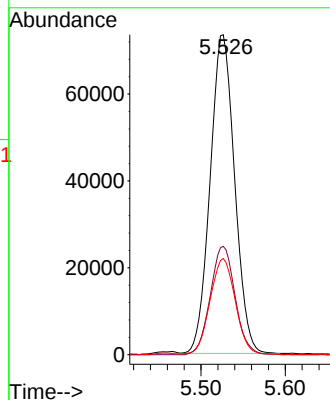
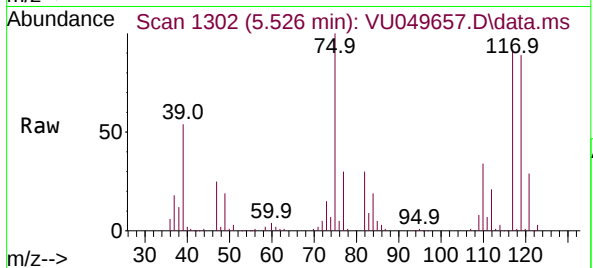
Tgt Ion: 75 Resp: 148222

Ion Ratio Lower Upper

75 100

110 34.4 17.3 52.0

77 30.5 24.6 37.0



#30

Carbon Tetrachloride

Concen: 10.372 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

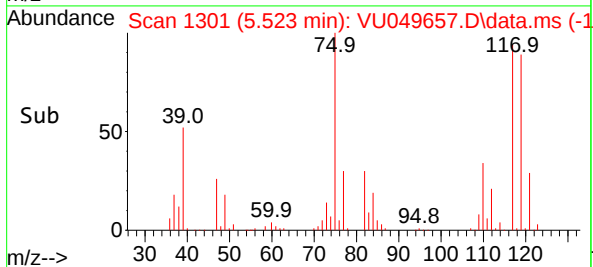
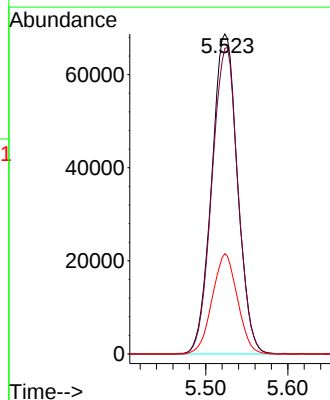
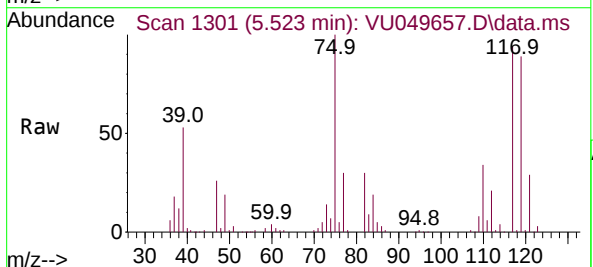
Tgt Ion: 117 Resp: 150553

Ion Ratio Lower Upper

117 100

119 95.5 74.6 112.0

121 31.4 24.2 36.4

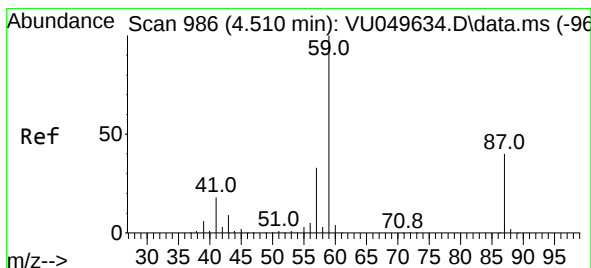
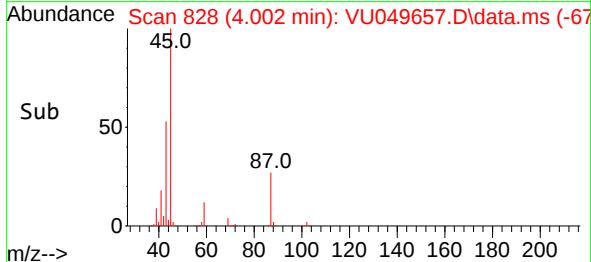
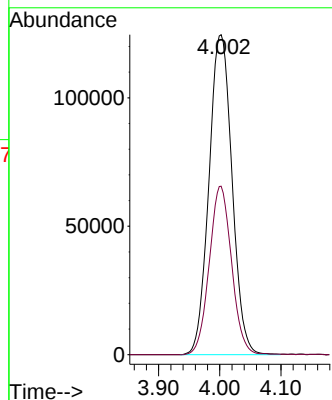
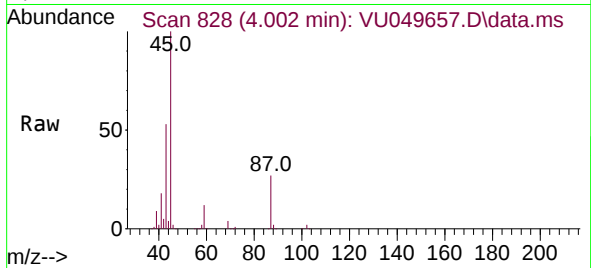




#31
Isopropyl Ether
Concen: 9.594 ug/l
RT: 4.002 min Scan# 827
Delta R.T. 0.003 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

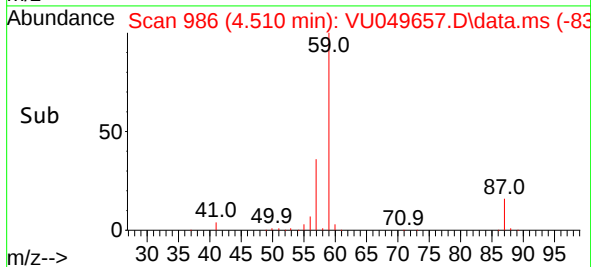
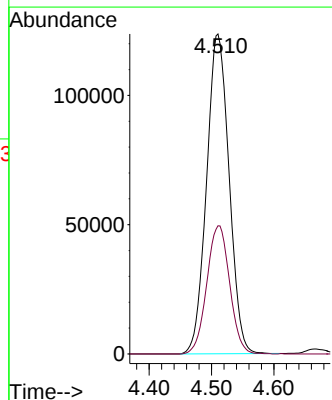
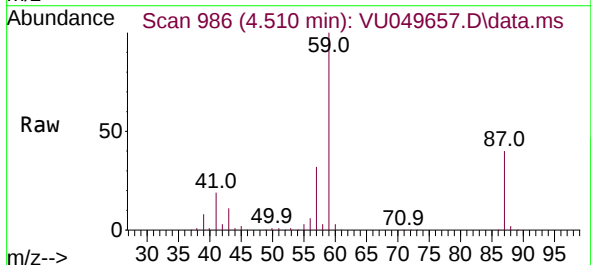
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 326842
Ion Ratio Lower Upper
45 100
43 50.9 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 9.616 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Tgt Ion: 59 Resp: 310072
Ion Ratio Lower Upper
59 100
87 40.7 32.5 48.7

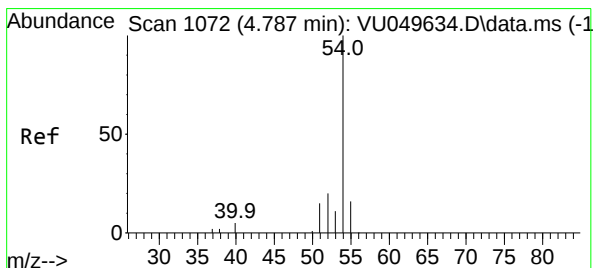
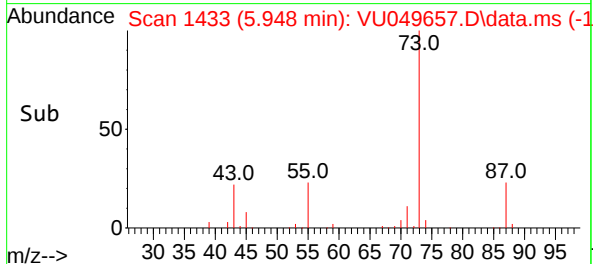
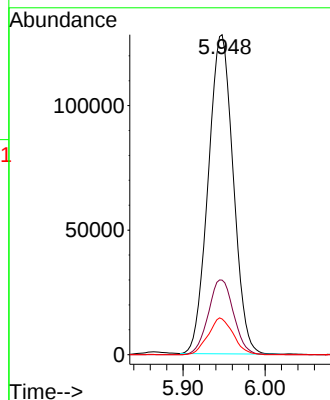
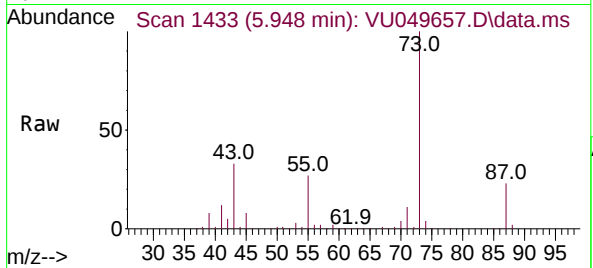




#33
Tert-Amyl methyl ether
Concen: 9.678 ug/l
RT: 5.948 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

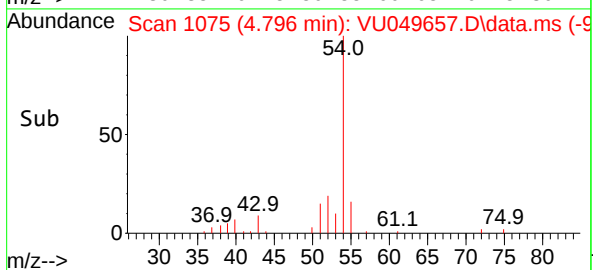
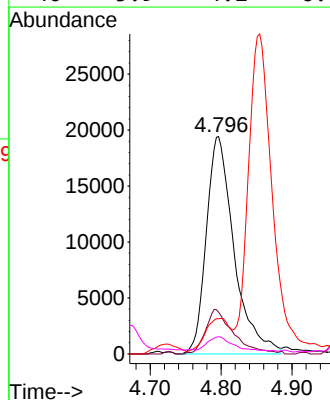
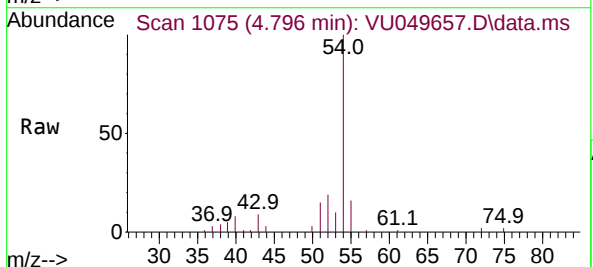
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

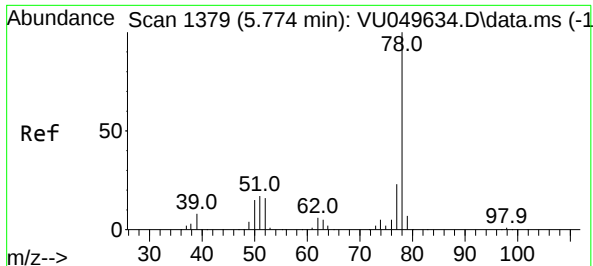
Tgt Ion: 73 Resp: 271338
Ion Ratio Lower Upper
73 100
87 23.7 19.7 29.5
71 11.6 9.0 13.4



#34
Propionitrile
Concen: 56.098 ug/l
RT: 4.796 min Scan# 1075
Delta R.T. 0.009 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Tgt Ion: 54 Resp: 52911
Ion Ratio Lower Upper
54 100
52 20.4 15.0 22.6
55 13.2 12.6 19.0
40 5.9 4.2 6.4





#35

Benzene

Concen: 9.869 ug/l

RT: 5.774 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

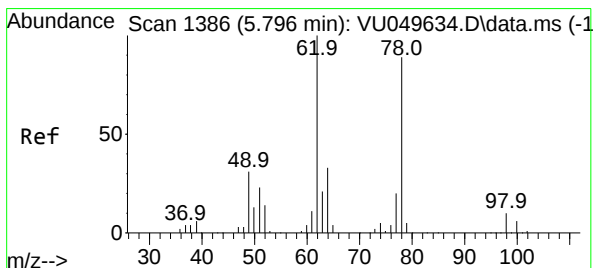
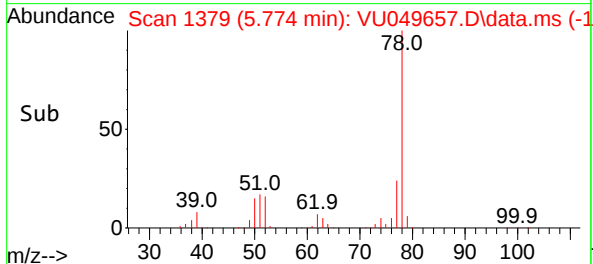
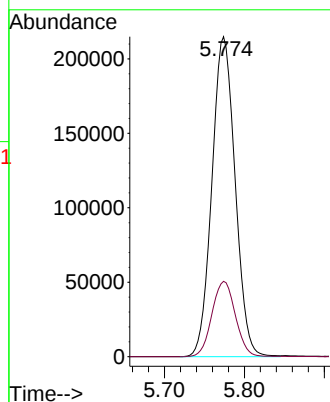
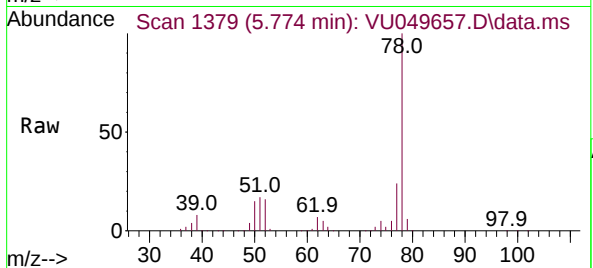
VSTDCCC010

Tgt Ion: 78 Resp: 432926

Ion Ratio Lower Upper

78 100

77 23.5 18.6 28.0



#36

1,2-Dichloroethane

Concen: 10.724 ug/l

RT: 5.796 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU049657.D

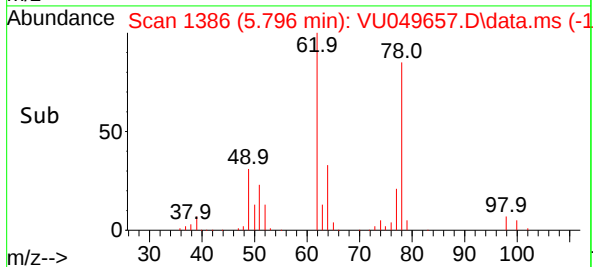
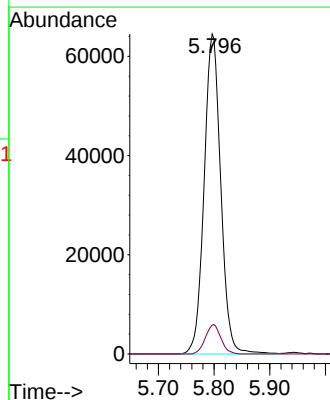
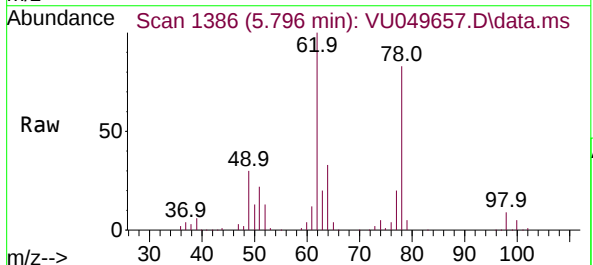
Acq: 08 Jul 2022 14:46

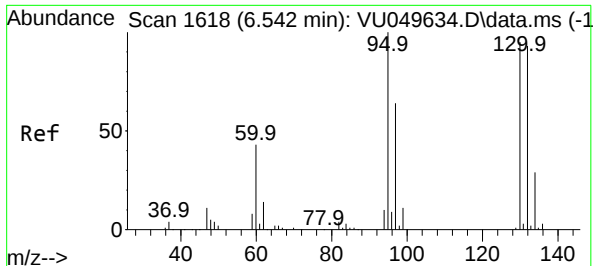
Tgt Ion: 62 Resp: 133766

Ion Ratio Lower Upper

62 100

98 8.5 7.4 11.0





#37

Trichloroethene

Concen: 9.716 ug/l

RT: 6.542 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

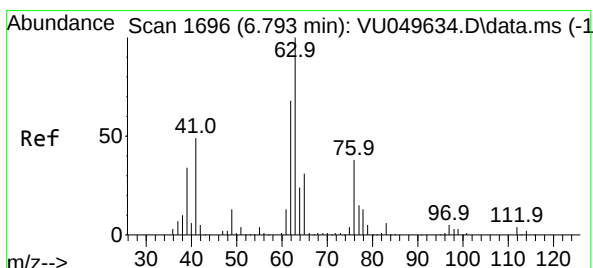
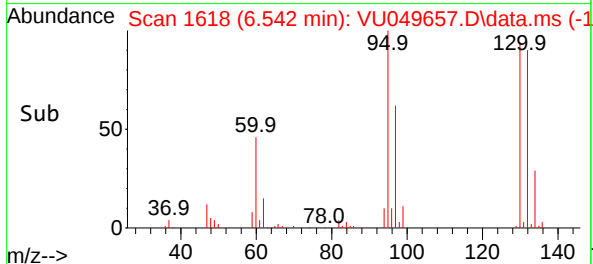
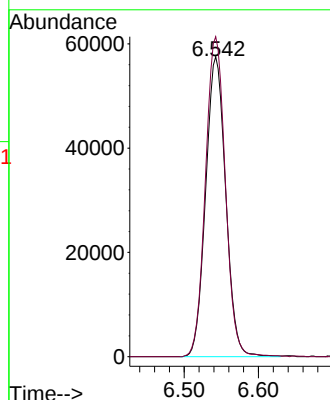
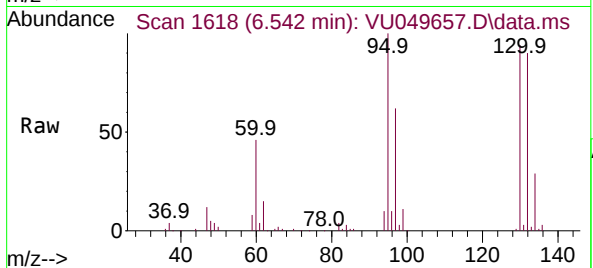
VSTDCCC010

Tgt Ion:130 Resp: 107723

Ion Ratio Lower Upper

130 100

95 106.7 83.8 125.8



#38

1,2-Dichloropropane

Concen: 10.036 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. 0.000 min

Lab File: VU049657.D

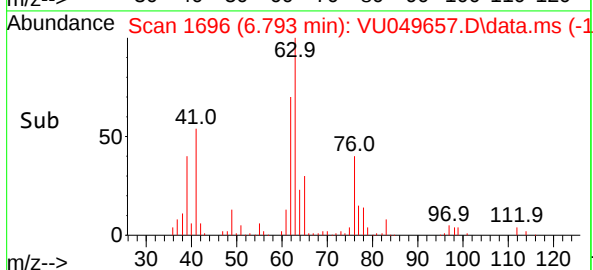
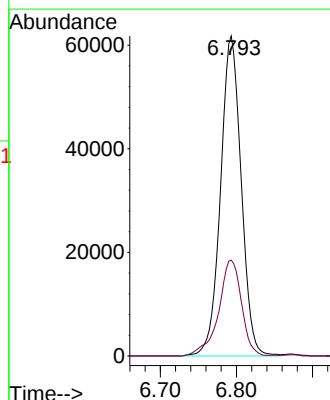
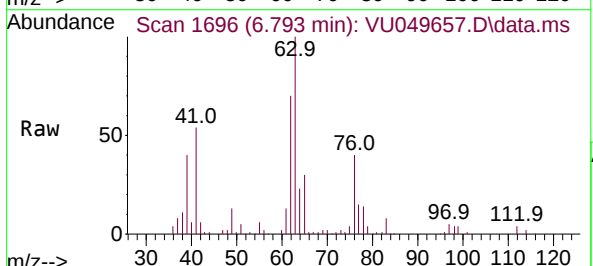
Acq: 08 Jul 2022 14:46

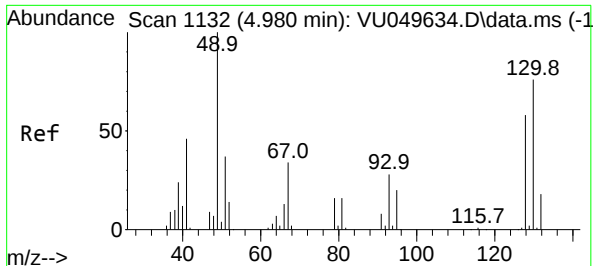
Tgt Ion: 63 Resp: 116553

Ion Ratio Lower Upper

63 100

65 29.9 25.0 37.4





#39

Methacrylonitrile

Concen: 10.133 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU049657.D

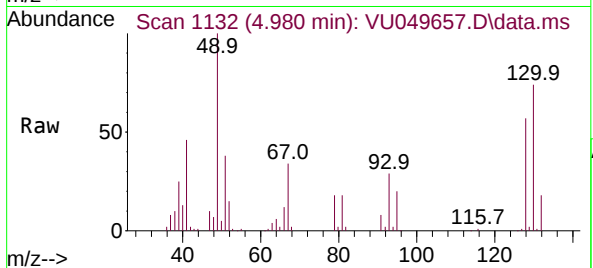
Acq: 08 Jul 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



Tgt Ion: 41 Resp: 40946

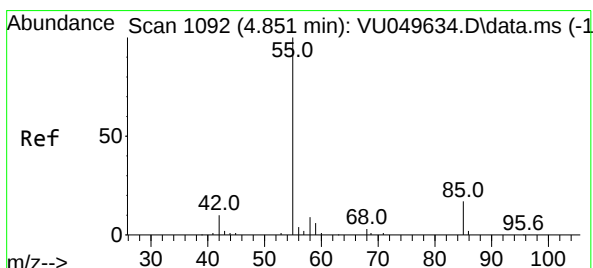
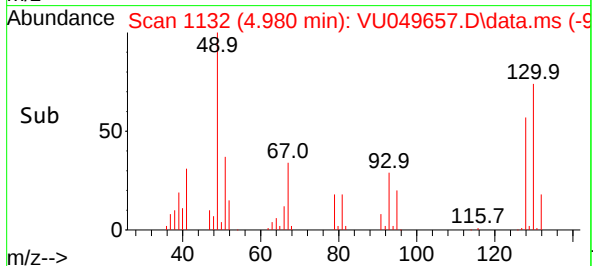
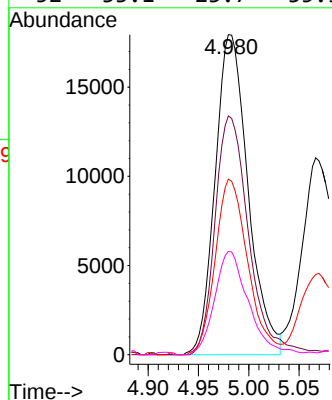
Ion Ratio Lower Upper

41 100

67 76.6 59.4 89.0

39 54.1 42.2 63.2

52 33.1 23.7 35.5



#40

Methyl acrylate

Concen: 10.233 ug/l

RT: 4.854 min Scan# 1093

Delta R.T. 0.003 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

Tgt Ion: 55 Resp: 64761

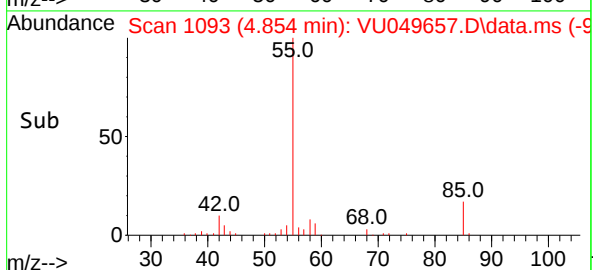
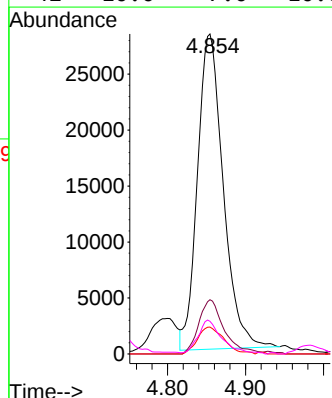
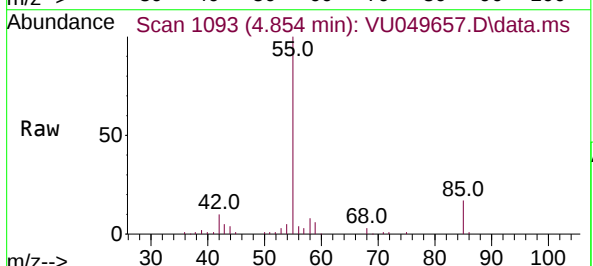
Ion Ratio Lower Upper

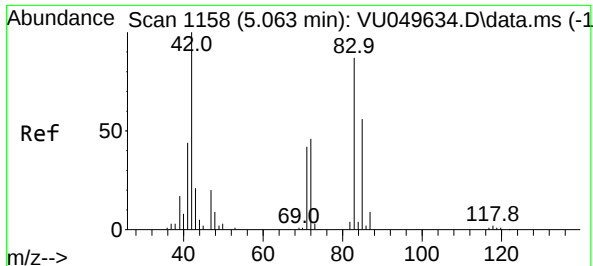
55 100

85 16.8 13.5 20.3

58 8.8 7.0 10.4

42 10.0 7.0 10.6





#41

Tetrahydrofuran

Concen: 20.676 ug/l

RT: 5.070 min Scan# 1158

Delta R.T. 0.007 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

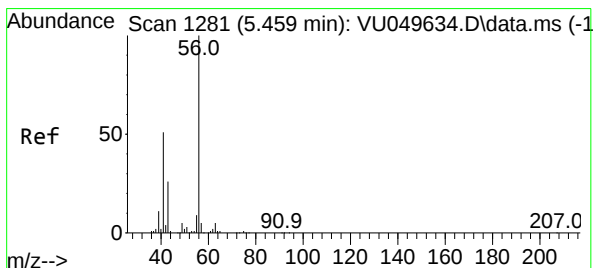
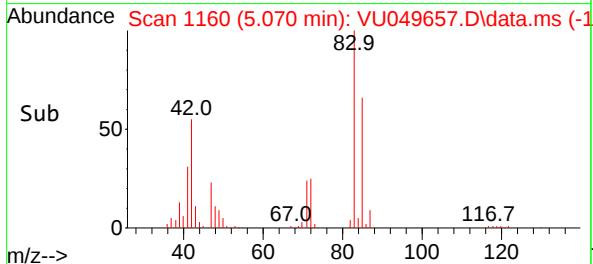
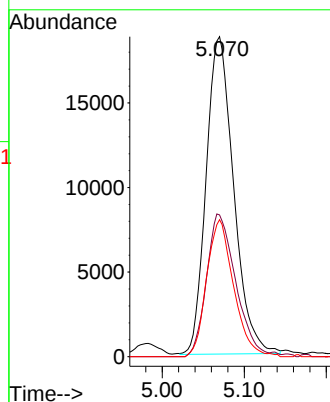
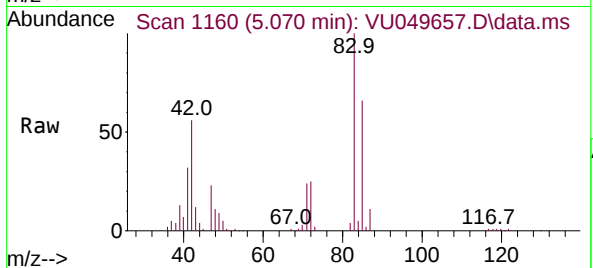
Tgt Ion: 42 Resp: 43782

Ion Ratio Lower Upper

42 100

72 47.4 38.9 58.3

71 42.3 33.7 50.5



#42

1-Chlorobutane

Concen: 9.927 ug/l

RT: 5.459 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VU049657.D

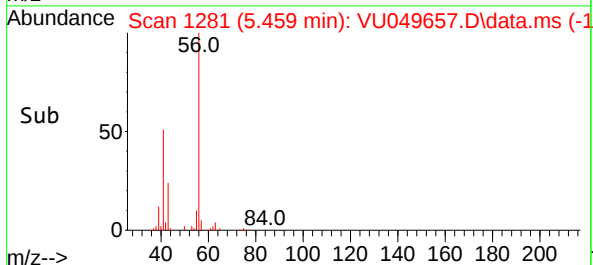
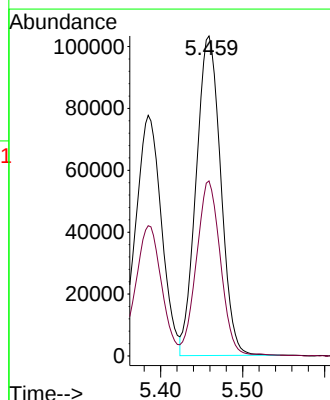
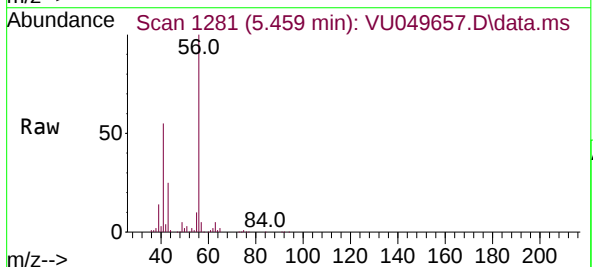
Acq: 08 Jul 2022 14:46

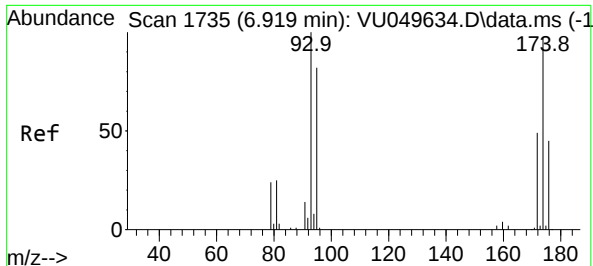
Tgt Ion: 56 Resp: 214314

Ion Ratio Lower Upper

56 100

41 52.5 26.4 79.2

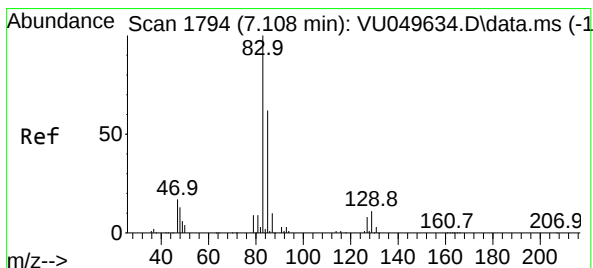
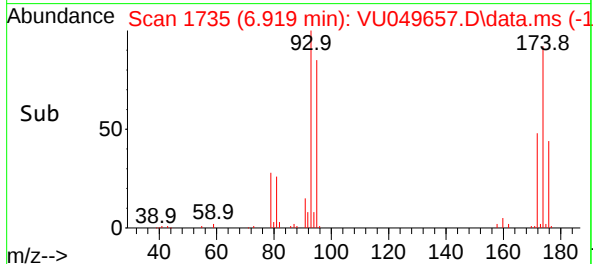
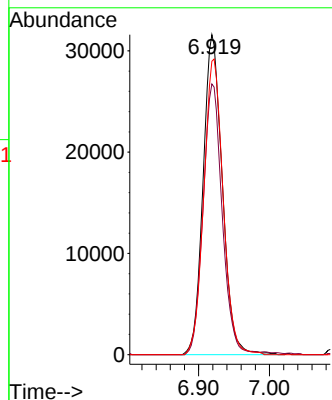
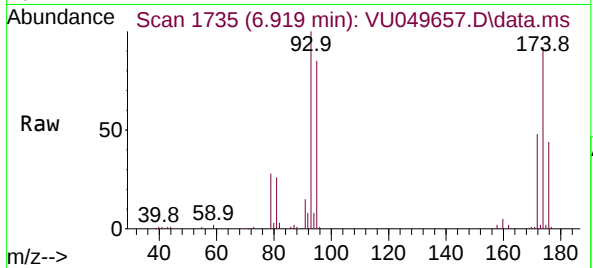




#43
Dibromomethane
Concen: 10.270 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

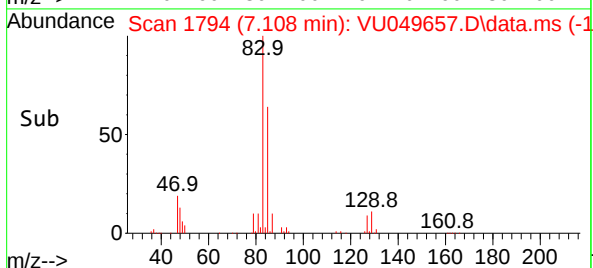
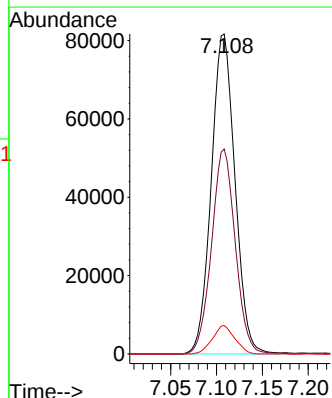
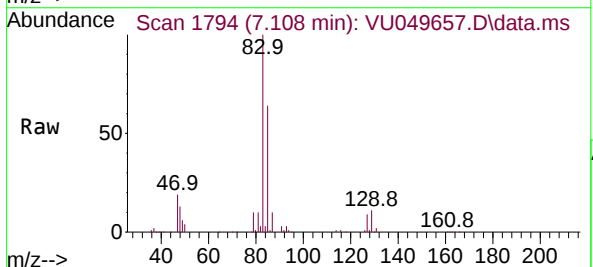
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 93 Resp: 59430
Ion Ratio Lower Upper
93 100
95 84.1 65.0 97.6
174 93.0 76.3 114.5



#44
Bromodichloromethane
Concen: 10.591 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Tgt Ion: 83 Resp: 146898
Ion Ratio Lower Upper
83 100
85 64.1 49.4 74.0
127 8.9 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 53.057 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

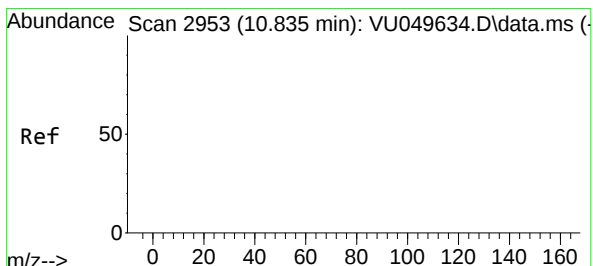
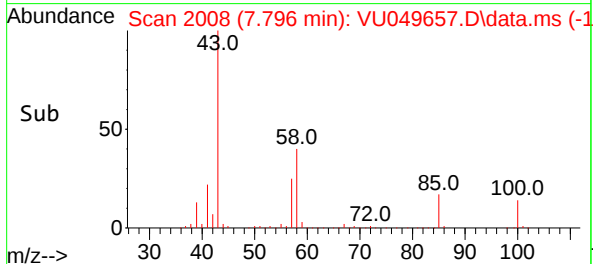
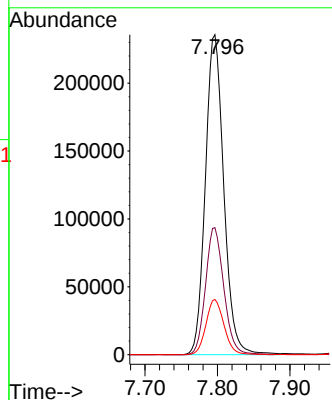
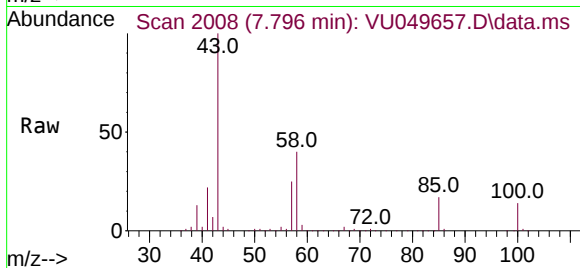
Tgt Ion: 43 Resp: 416705

Ion Ratio Lower Upper

43 100

58 39.5 20.3 61.0

85 16.9 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 55.790 ug/l

RT: 10.825 min Scan# 2950

Delta R.T. -0.010 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

Tgt Ion: 75 Resp: 142591

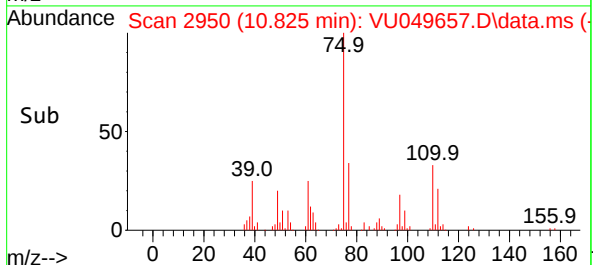
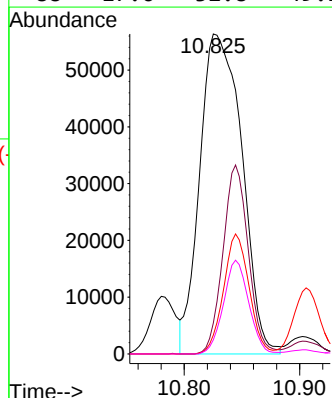
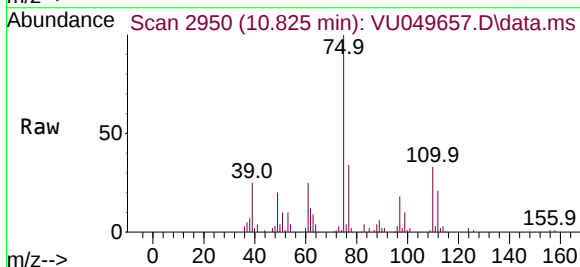
Ion Ratio Lower Upper

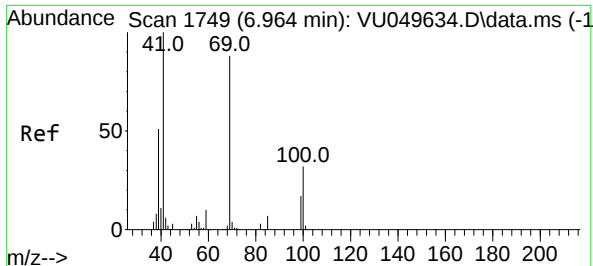
75 100

53 35.7 64.4 96.6#

89 22.8 44.2 66.2#

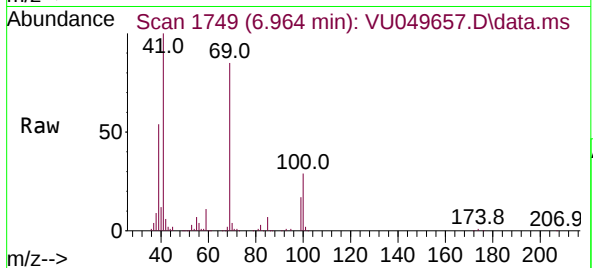
88 17.6 32.8 49.2#



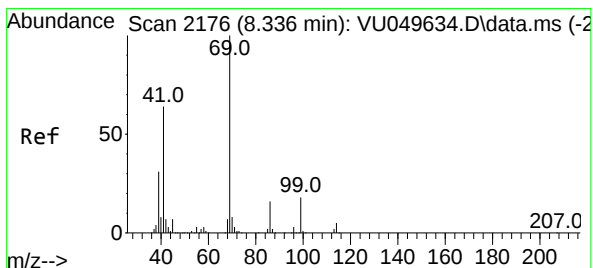
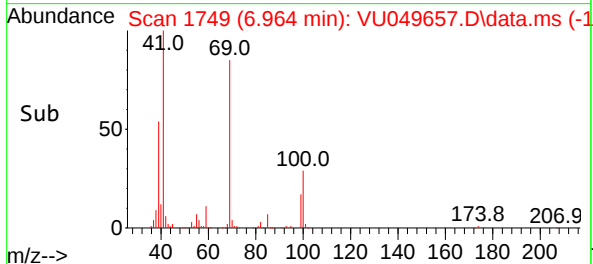
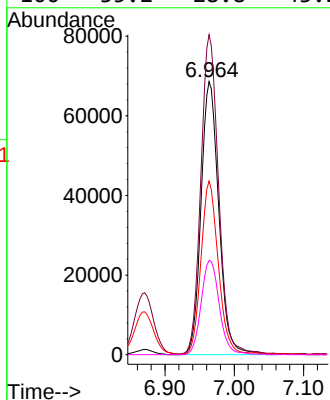


#47
Methyl methacrylate
Concen: 20.954 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

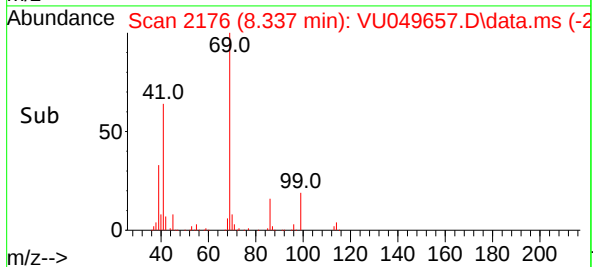
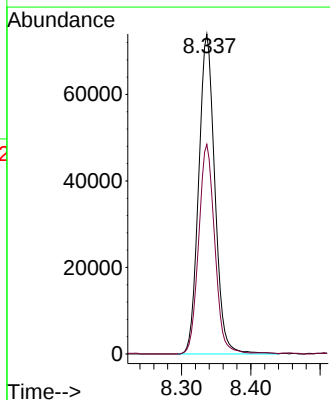
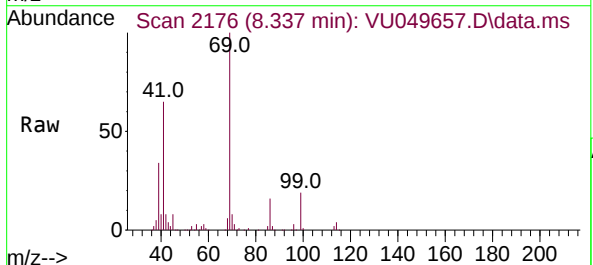


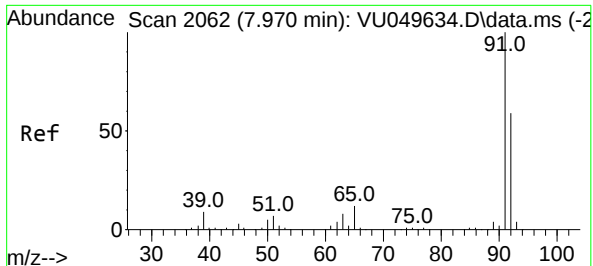
Tgt Ion	Ratio	Lower	Upper
69	100		
41	116.0	0.0	225.4
39	61.2	45.8	68.8
100	35.2	28.8	43.2



#48
Ethyl methacrylate
Concen: 10.243 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.2	32.3	96.9





#49

Toluene

Concen: 9.745 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

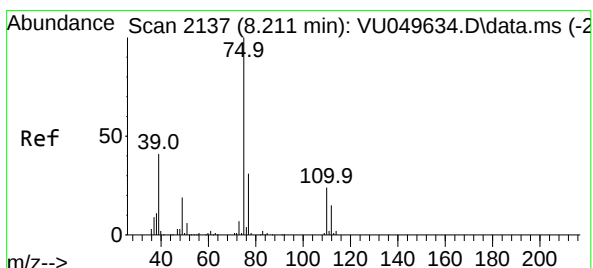
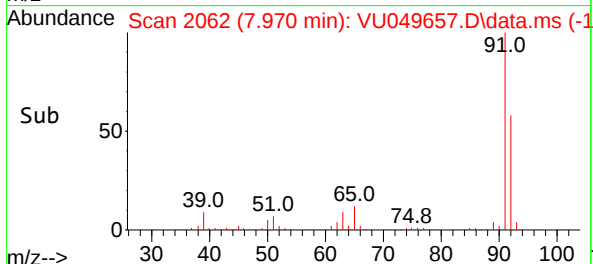
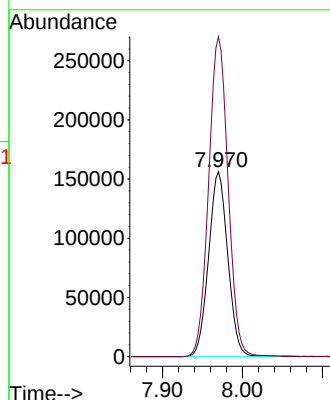
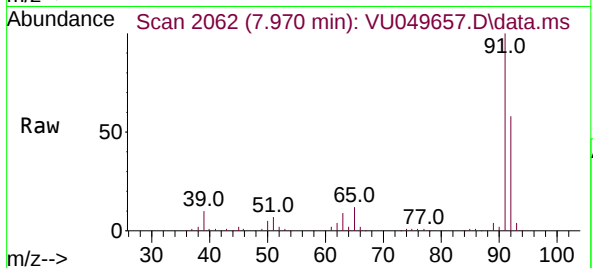
VSTDCCC010

Tgt Ion: 92 Resp: 261069

Ion Ratio Lower Upper

92 100

91 175.4 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 10.560 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049657.D

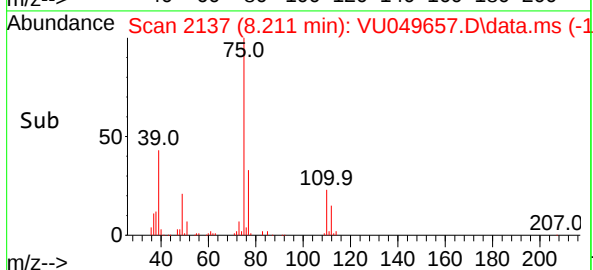
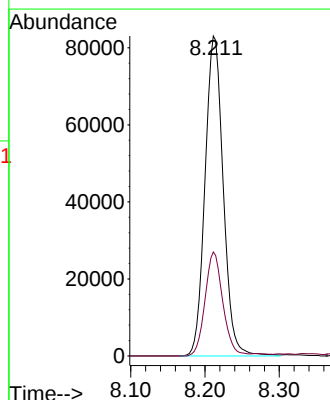
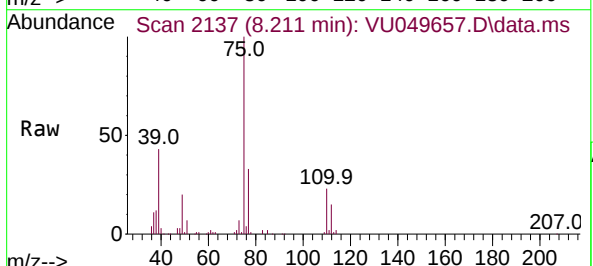
Acq: 08 Jul 2022 14:46

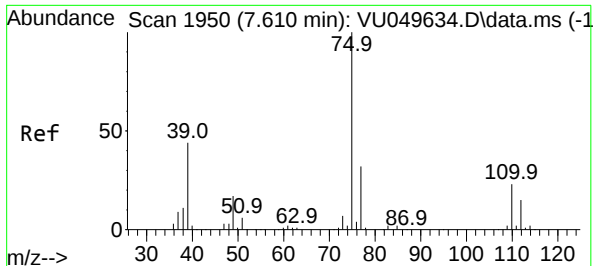
Tgt Ion: 75 Resp: 141473

Ion Ratio Lower Upper

75 100

77 32.5 24.7 37.1

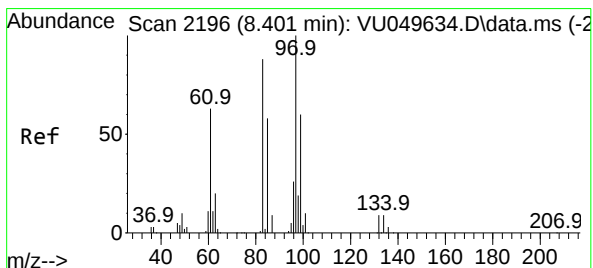
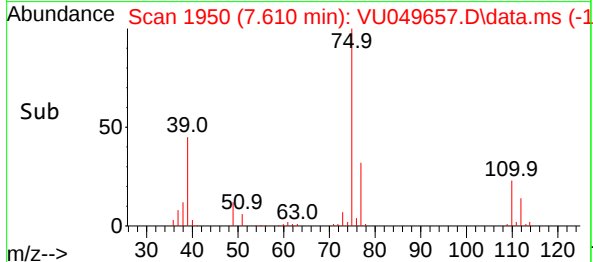
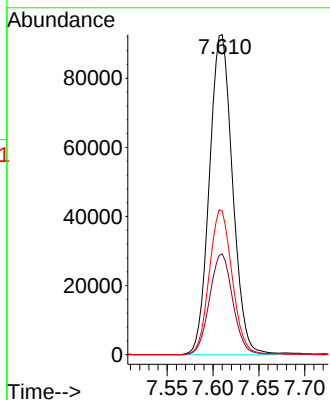
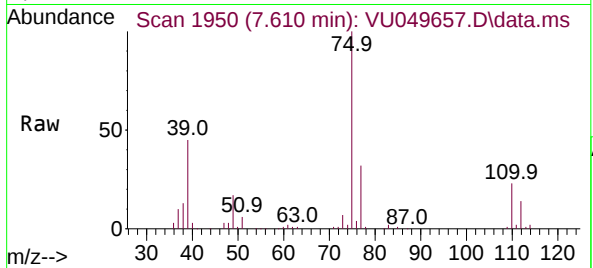




#51
 cis-1,3-Dichloropropene
 Concen: 10.246 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU049657.D
 Acq: 08 Jul 2022 14:46

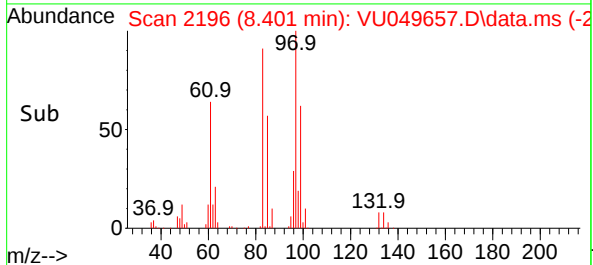
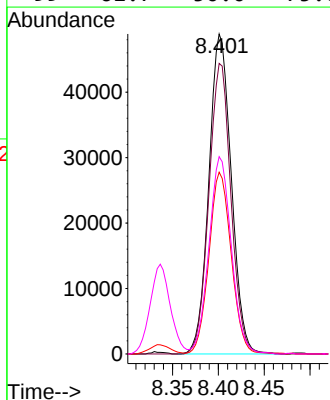
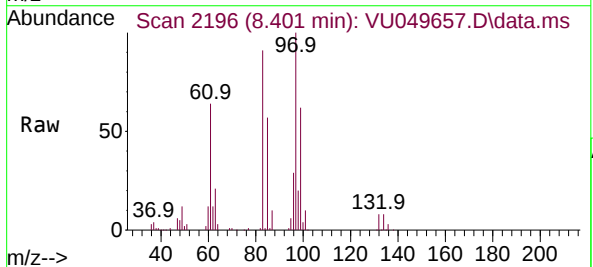
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 75 Resp: 162675
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0
 39 44.9 35.1 52.7



#52
 1,1,2-Trichloroethane
 Concen: 10.414 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: VU049657.D
 Acq: 08 Jul 2022 14:46

Tgt Ion: 97 Resp: 83170
 Ion Ratio Lower Upper
 97 100
 83 90.8 70.6 106.0
 85 56.5 46.2 69.4
 99 61.7 50.0 75.0





#53

1,3-Dichloropropane

Concen: 10.202 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

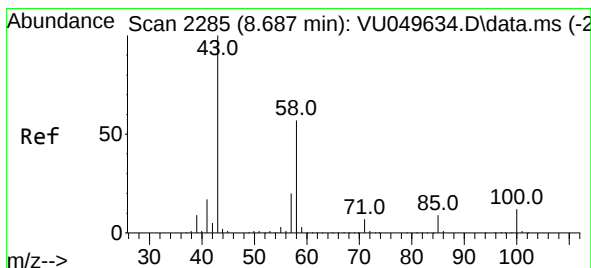
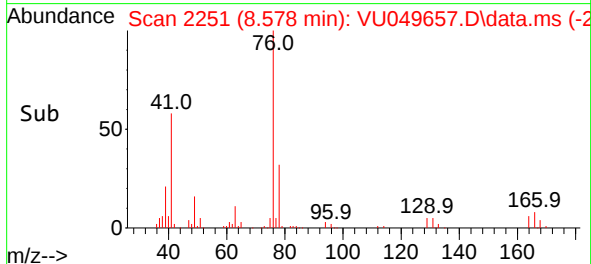
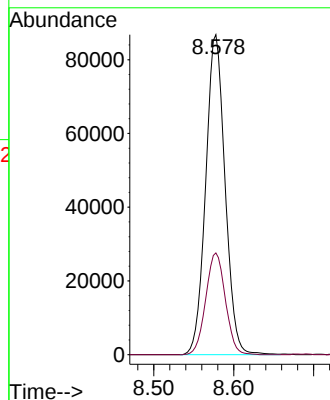
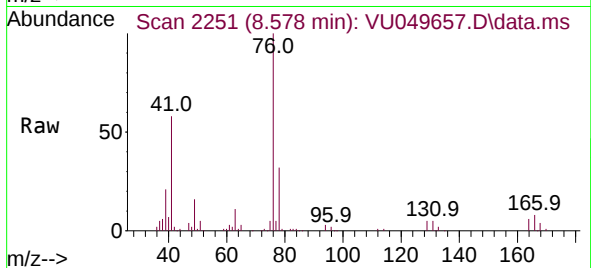
VSTDCCC010

Tgt Ion: 76 Resp: 146239

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#54

2-Hexanone

Concen: 54.282 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

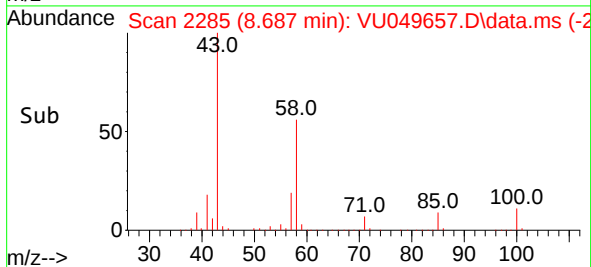
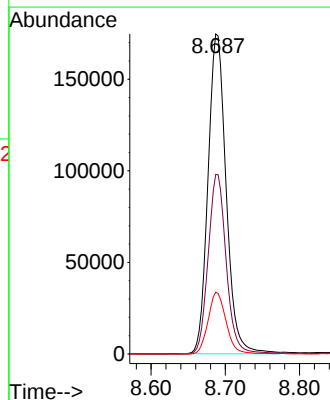
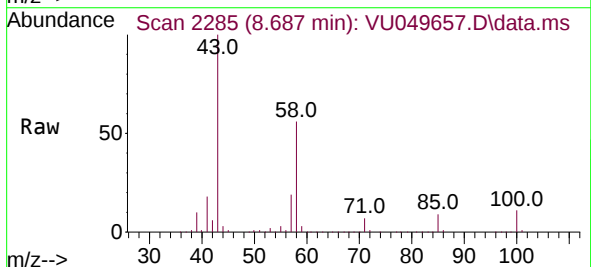
Tgt Ion: 43 Resp: 296084

Ion Ratio Lower Upper

43 100

58 56.1 37.1 77.1

57 19.1 0.0 39.5

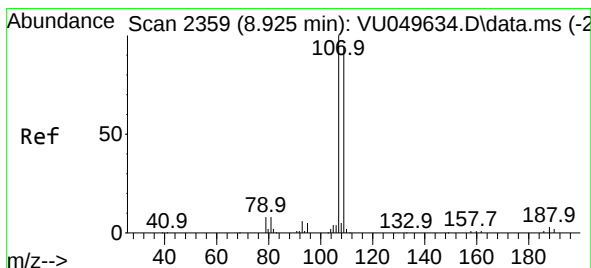
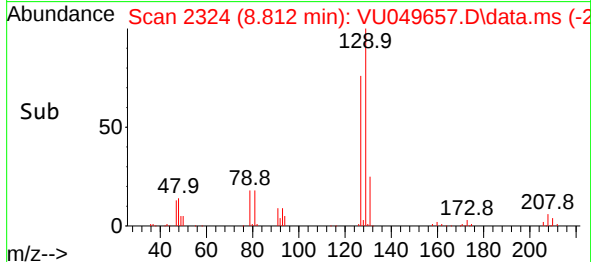
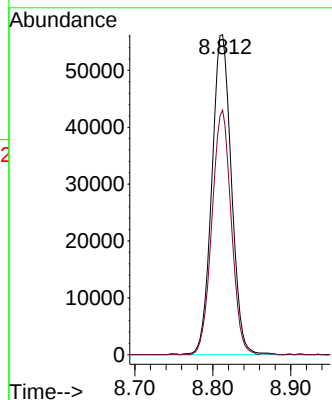
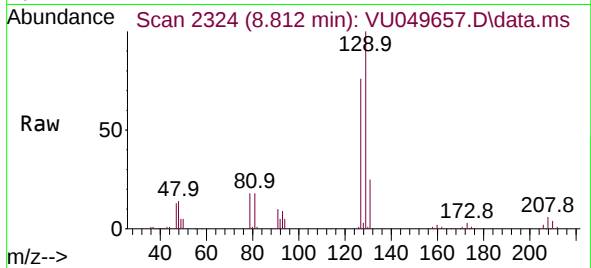




#55
Dibromochloromethane
Concen: 10.748 ug/l
RT: 8.812 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

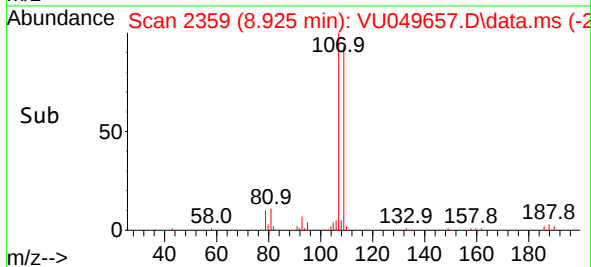
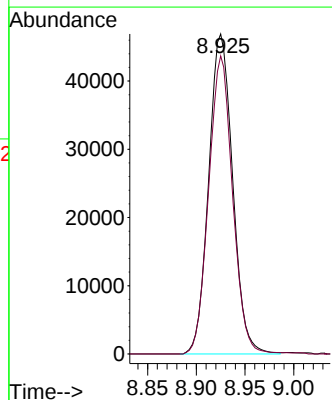
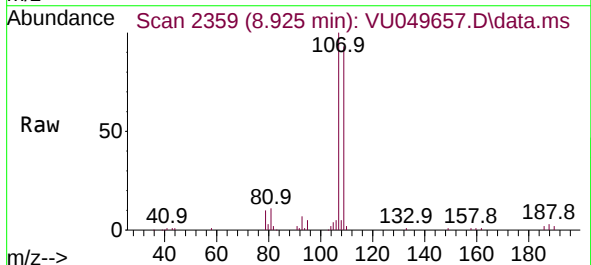
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:129 Resp: 98050
Ion Ratio Lower Upper
129 100
127 75.3 61.2 91.8



#56
1,2-Dibromoethane
Concen: 10.388 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Tgt Ion:107 Resp: 80336
Ion Ratio Lower Upper
107 100
109 92.8 0.0 187.2

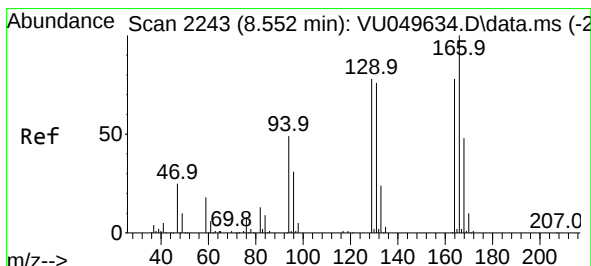
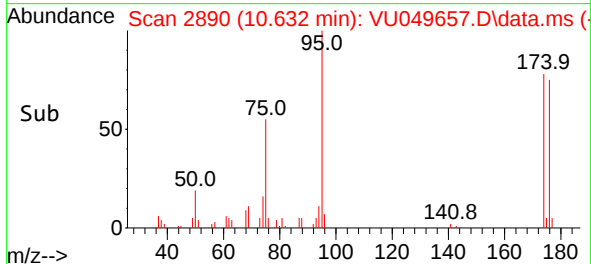
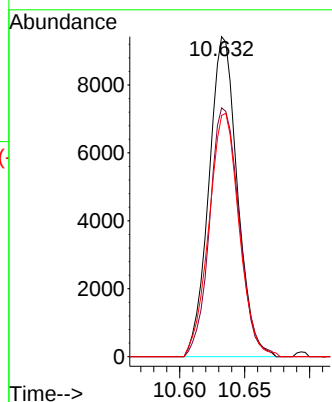
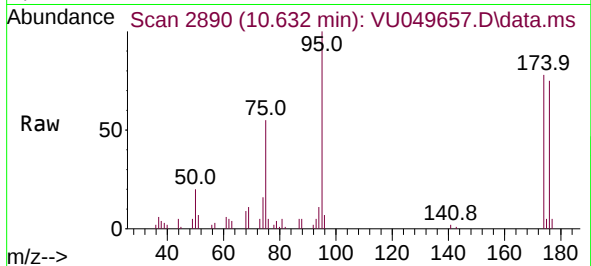




#57
4-Bromofluorobenzene
Concen: 0.971 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

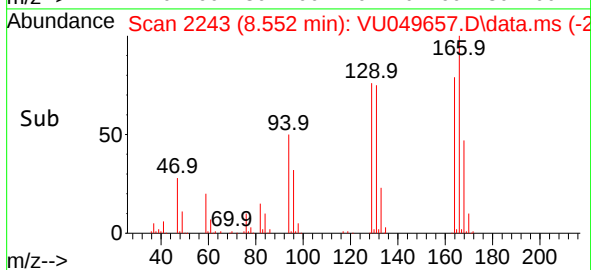
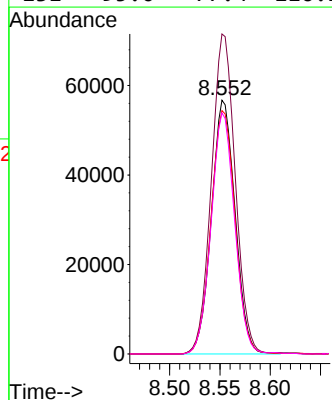
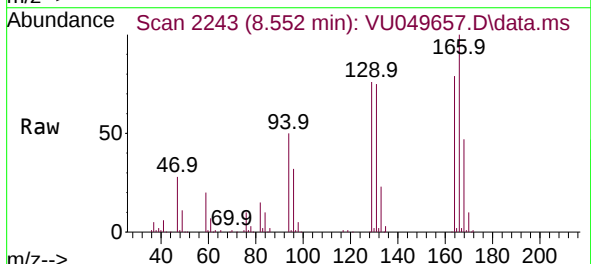
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

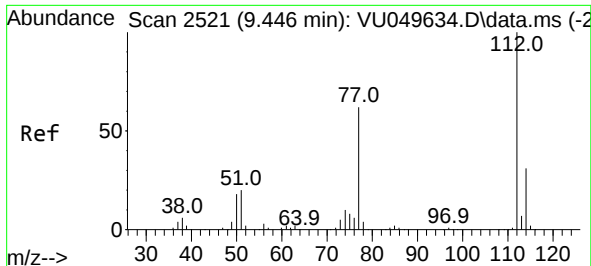
Tgt Ion: 95 Resp: 14346
Ion Ratio Lower Upper
95 100
174 80.4 62.4 93.6
176 80.5 56.2 84.2



#58
Tetrachloroethene
Concen: 10.094 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Tgt Ion: 164 Resp: 93050
Ion Ratio Lower Upper
164 100
166 126.1 102.4 153.6
129 95.9 79.5 119.3
131 95.0 77.4 116.2





#59

Chlorobenzene

Concen: 9.765 ug/l

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

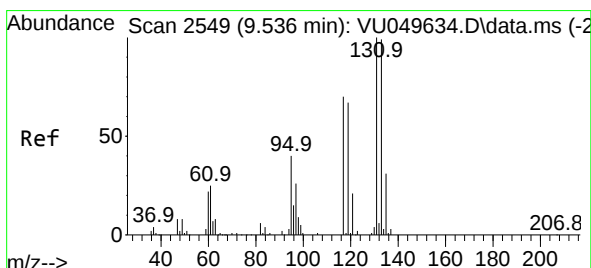
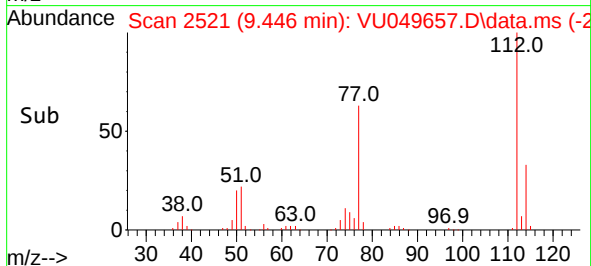
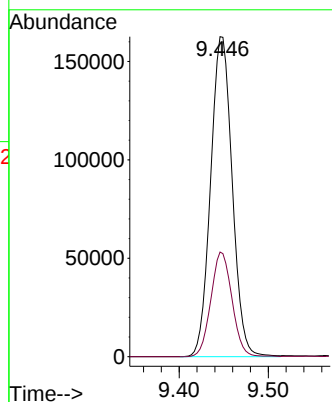
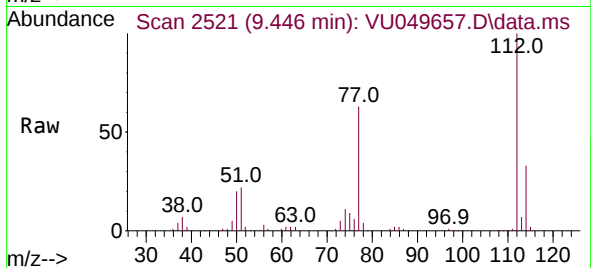
VSTDCCC010

Tgt Ion:112 Resp: 273668

Ion Ratio Lower Upper

112 100

114 32.7 24.9 37.3



#60

1,1,1,2-Tetrachloroethane

Concen: 10.193 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

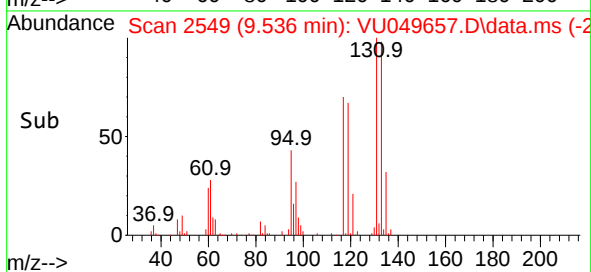
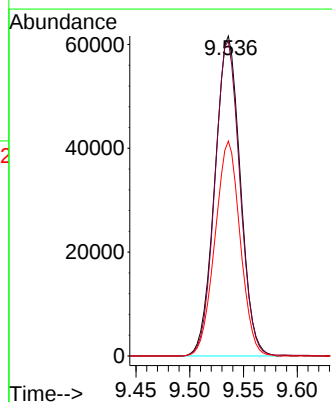
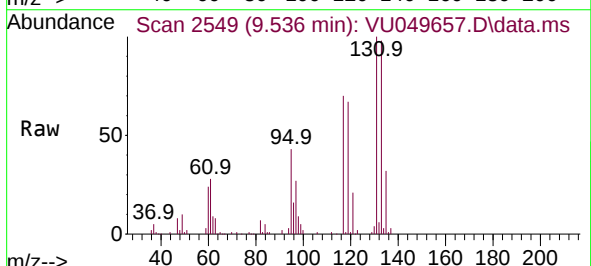
Tgt Ion:131 Resp: 101610

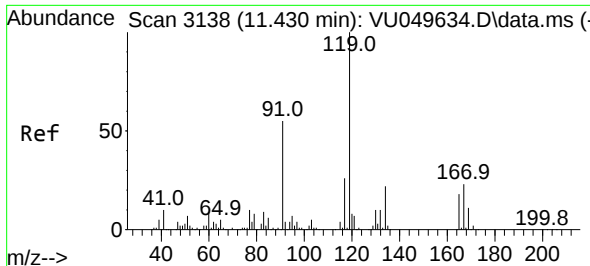
Ion Ratio Lower Upper

131 100

133 97.2 78.3 117.5

119 66.4 53.2 79.8

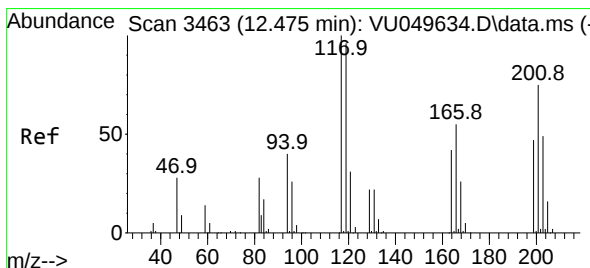
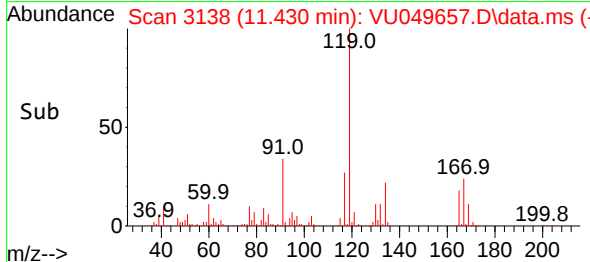
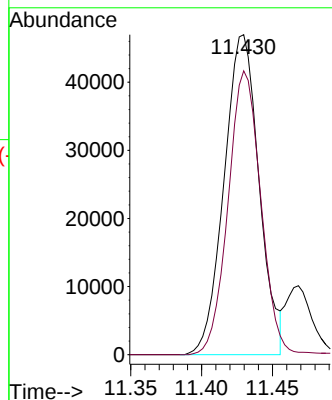
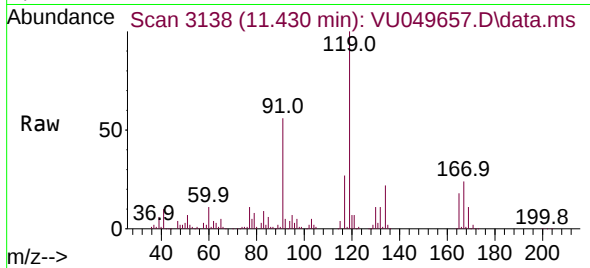




#61
 Pentachloroethane
 Concen: 10.560 ug/l
 RT: 11.430 min Scan# 3138
 Delta R.T. 0.000 min
 Lab File: VU049657.D
 Acq: 08 Jul 2022 14:46

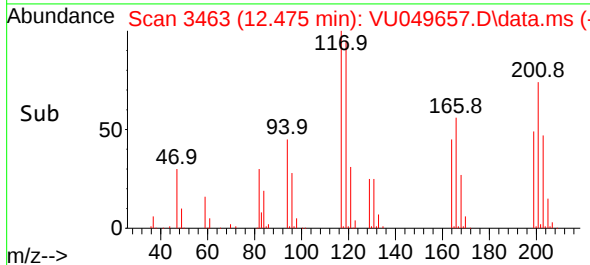
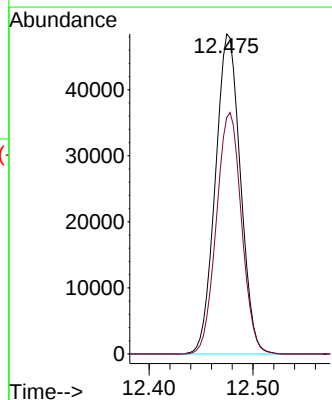
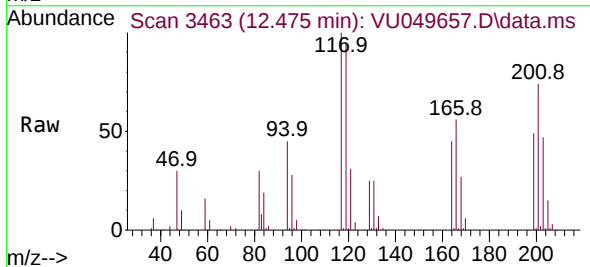
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

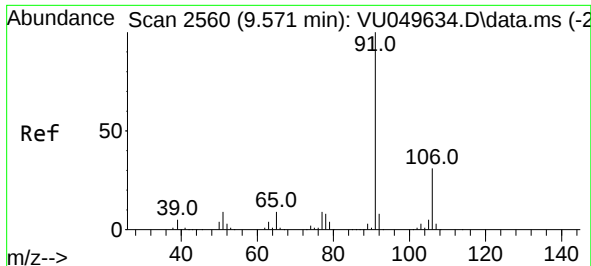
Tgt Ion:117 Resp: 80824
 Ion Ratio Lower Upper
 117 100
 167 82.9 66.2 99.4



#62
 Hexachloroethane
 Concen: 10.598 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. 0.000 min
 Lab File: VU049657.D
 Acq: 08 Jul 2022 14:46

Tgt Ion:117 Resp: 81247
 Ion Ratio Lower Upper
 117 100
 201 75.6 61.0 91.4





#63

Ethyl Benzene

Concen: 10.036 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

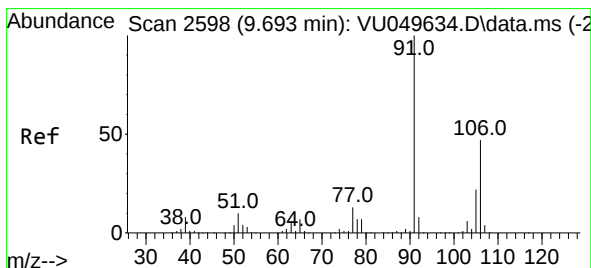
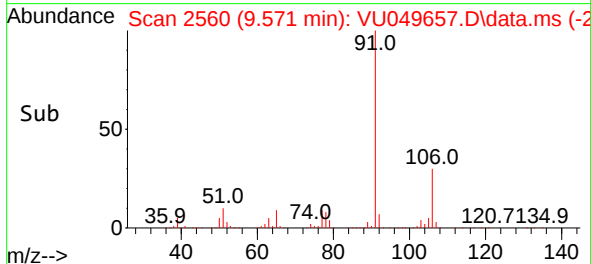
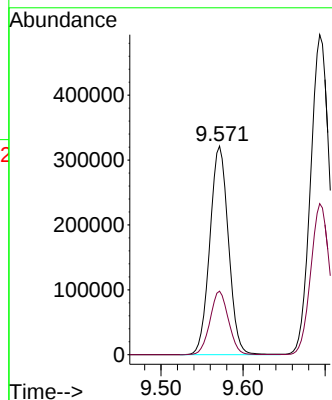
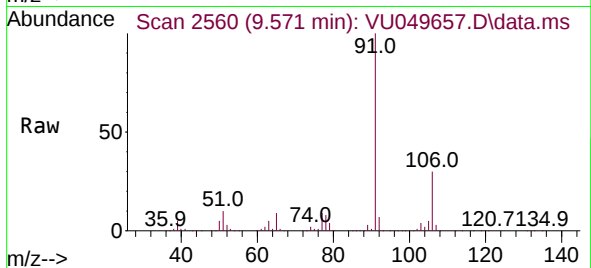
VSTDCCC010

Tgt Ion: 91 Resp: 506236

Ion Ratio Lower Upper

91 100

106 30.5 24.4 36.6



#64

m/p-Xylenes

Concen: 20.185 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU049657.D

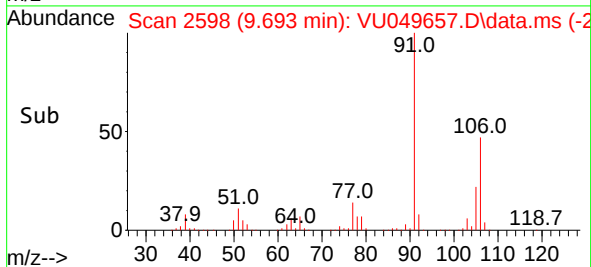
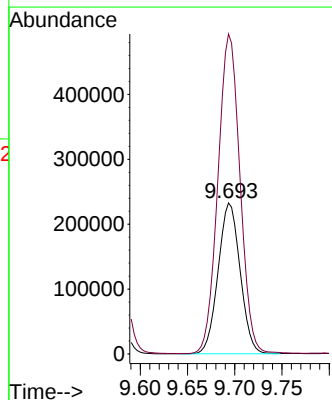
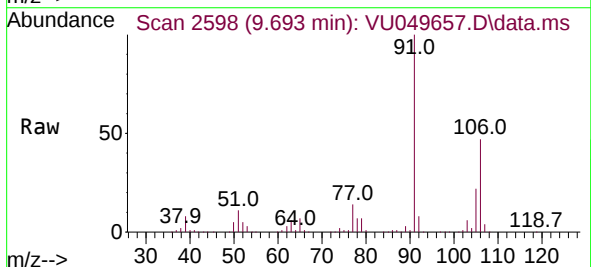
Acq: 08 Jul 2022 14:46

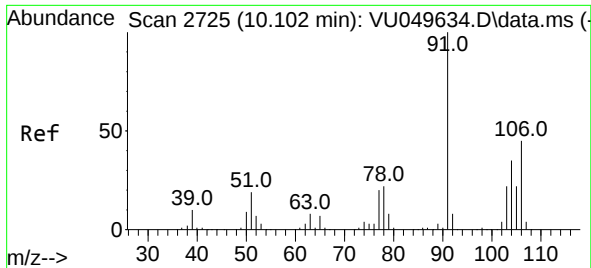
Tgt Ion: 106 Resp: 376636

Ion Ratio Lower Upper

106 100

91 212.6 167.8 251.6

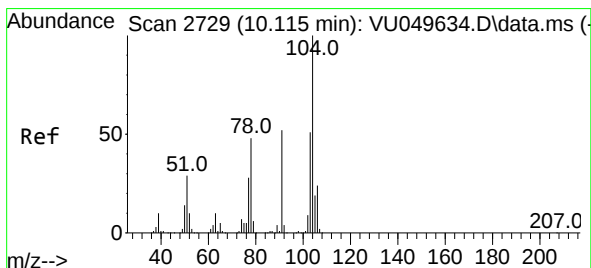
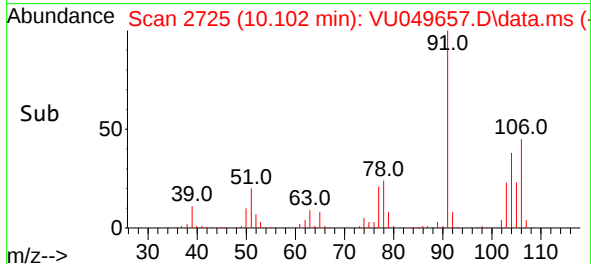
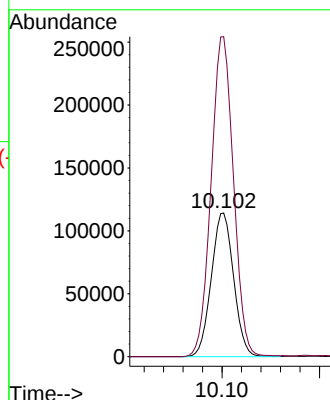
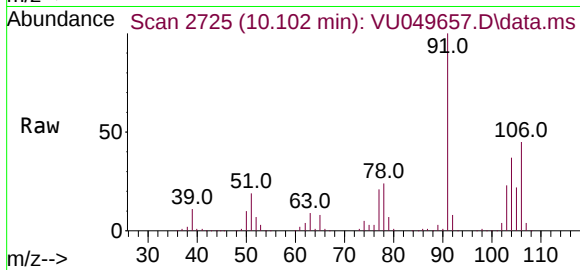




#65
o-Xylene
Concen: 9.902 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

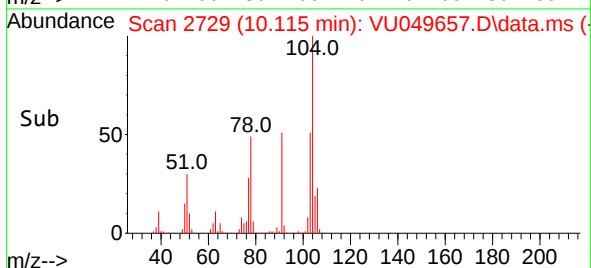
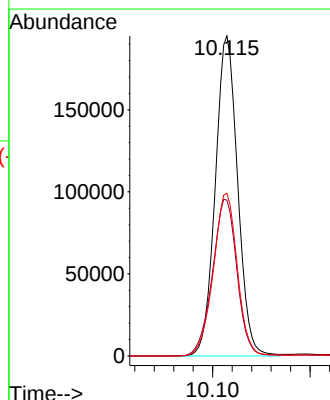
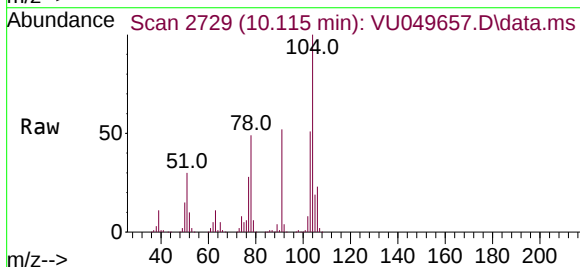
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

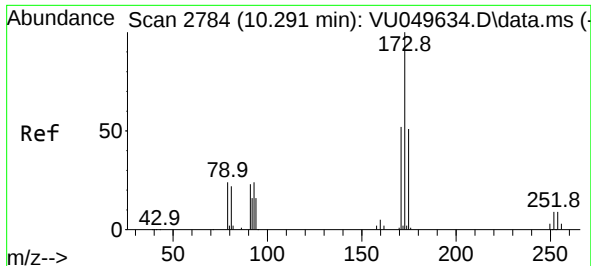
Tgt Ion:106 Resp: 181596
Ion Ratio Lower Upper
106 100
91 223.6 111.1 333.2



#66
Styrene
Concen: 10.560 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Tgt Ion:104 Resp: 311148
Ion Ratio Lower Upper
104 100
78 53.7 42.1 63.1
103 54.6 44.5 66.7

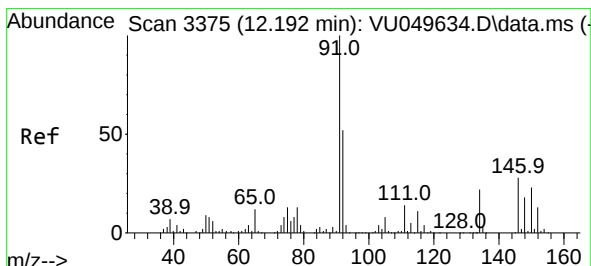
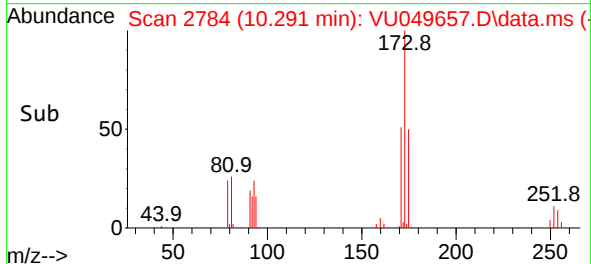
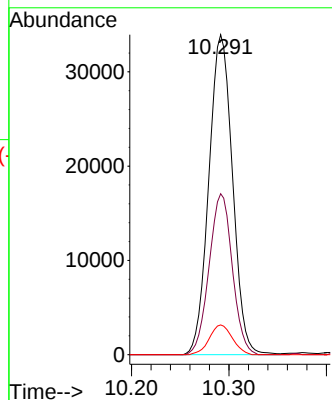
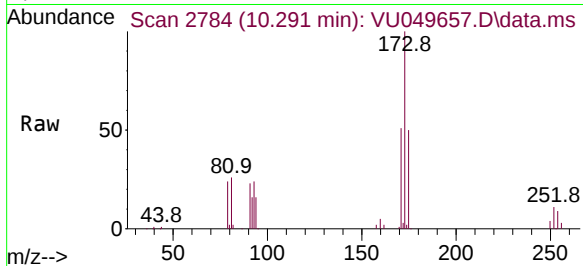




#67
Bromoform
Concen: 11.007 ug/l
RT: 10.291 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

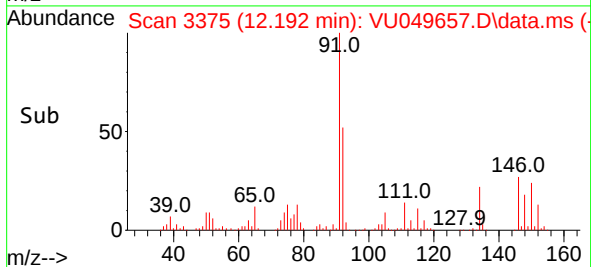
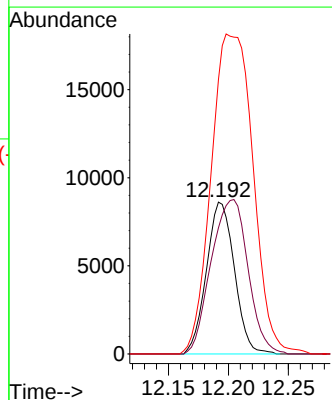
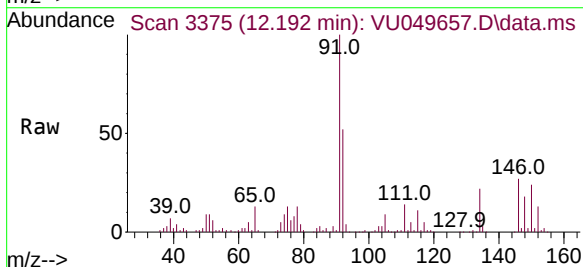
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

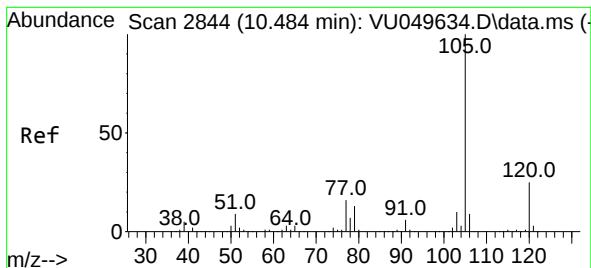
Tgt Ion:173 Resp: 57300
Ion Ratio Lower Upper
173 100
175 49.3 38.4 57.6
254 9.0 7.7 11.5



#68
1,2-Dichlorobenzene-d4
Concen: 1.028 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Tgt Ion:152 Resp: 13986
Ion Ratio Lower Upper
152 100
115 133.8 0.0 254.6
150 315.1 0.0 623.6





#69

Isopropylbenzene

Concen: 10.062 ug/l

RT: 10.484 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

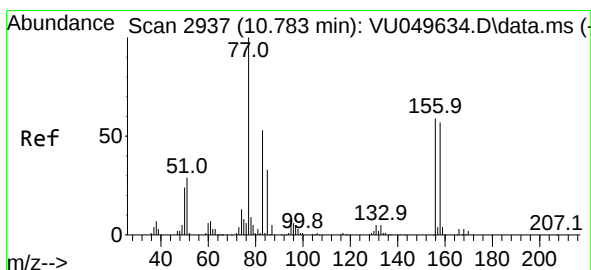
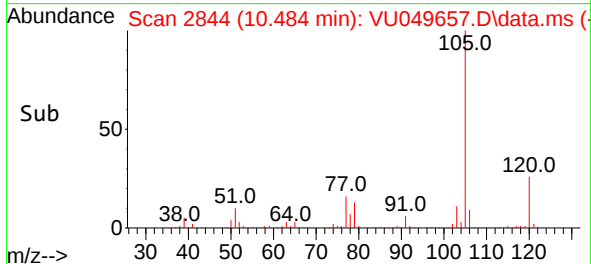
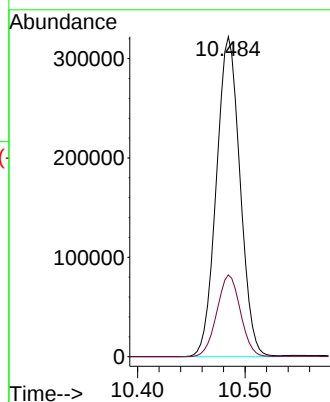
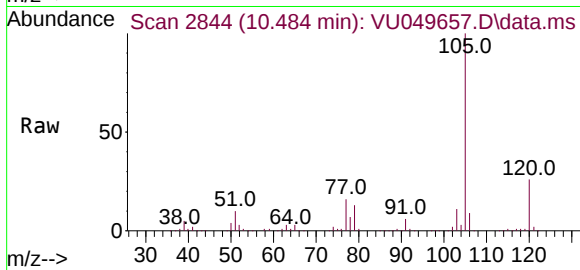
VSTDCCC010

Tgt Ion:105 Resp: 492875

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.8



#70

1,1,2,2-Tetrachloroethane

Concen: 10.404 ug/l

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

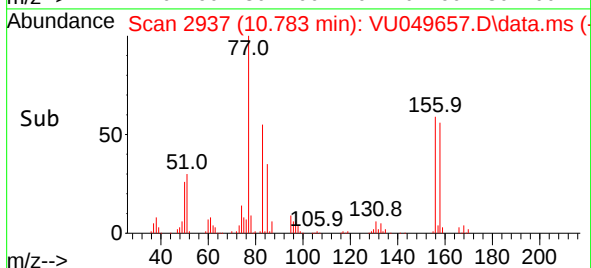
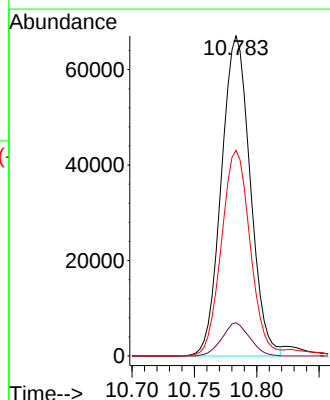
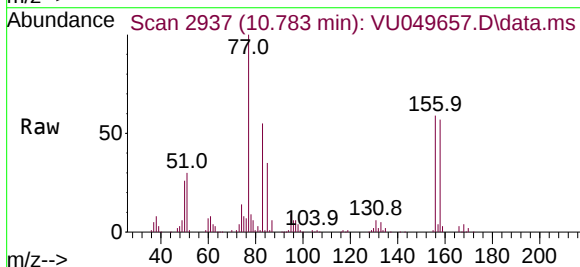
Tgt Ion: 83 Resp: 107943

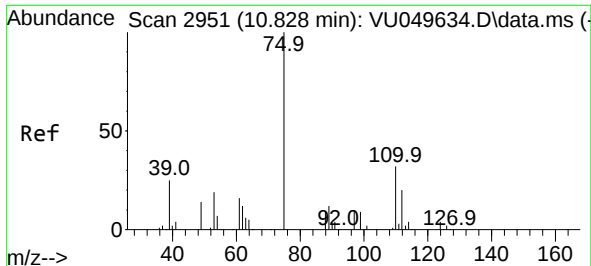
Ion Ratio Lower Upper

83 100

131 10.0 7.7 11.5

85 64.2 51.2 76.8



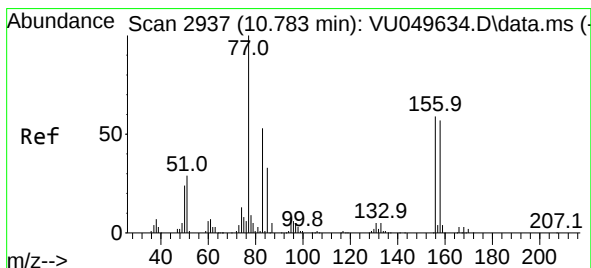
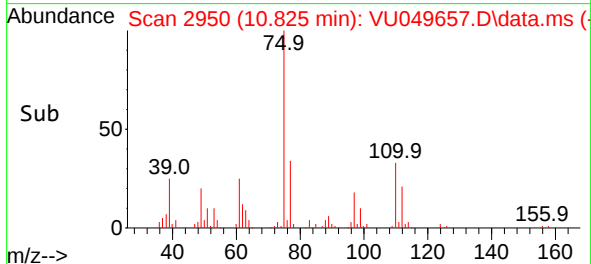
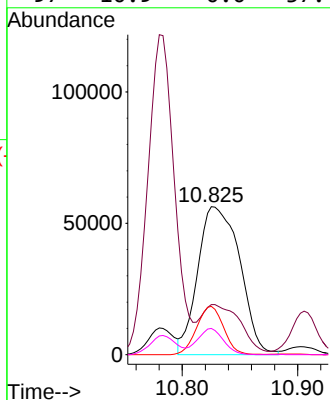
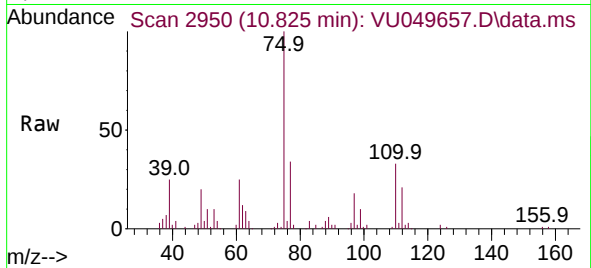


#71
1,2,3-Trichloropropane
Concen: 16.600 ug/l
RT: 10.825 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 142591

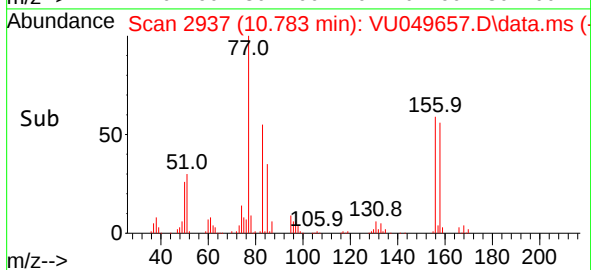
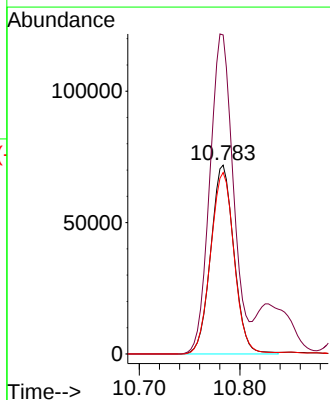
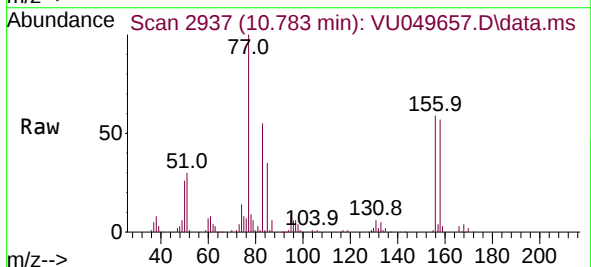
Ion	Ratio	Lower	Upper
75	100		
77	31.0	0.0	112.4
110	21.0	0.0	70.6
97	10.9	0.0	37.4

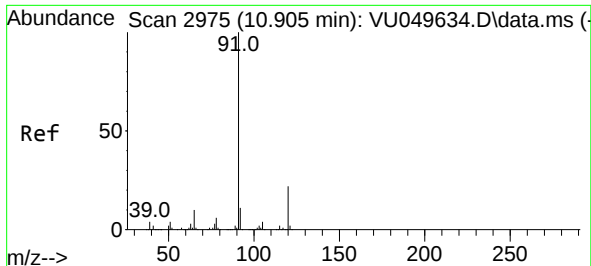


#72
Bromobenzene
Concen: 10.424 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Tgt Ion: 156 Resp: 115060

Ion	Ratio	Lower	Upper
156	100		
77	170.8	0.0	344.4
158	97.7	0.0	192.2

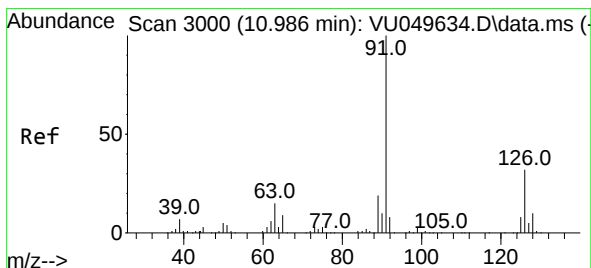
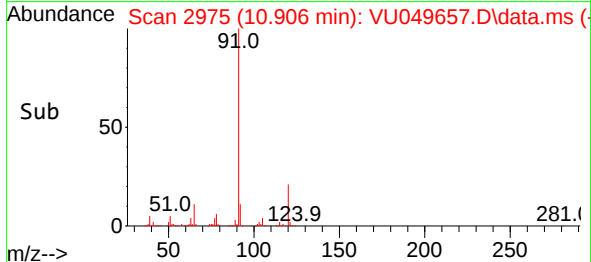
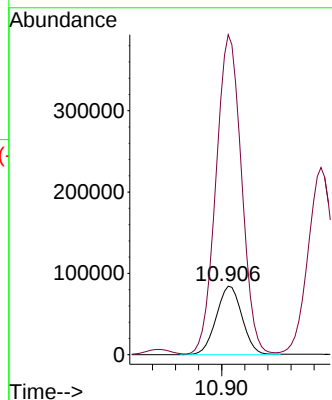
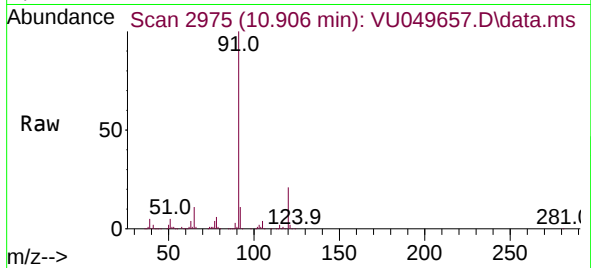




#73
n-propylbenzene
Concen: 10.552 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

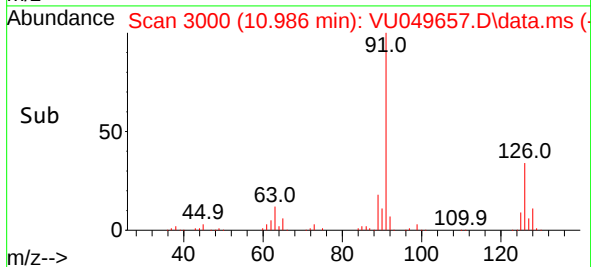
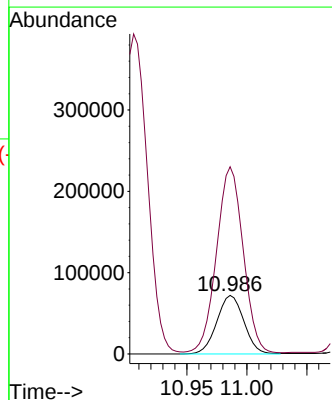
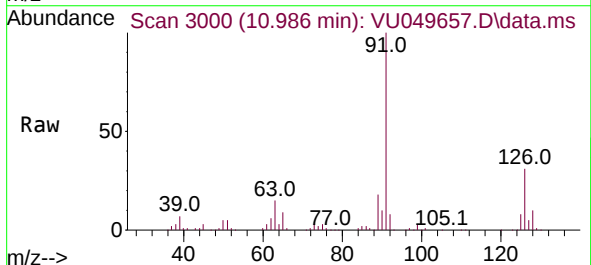
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

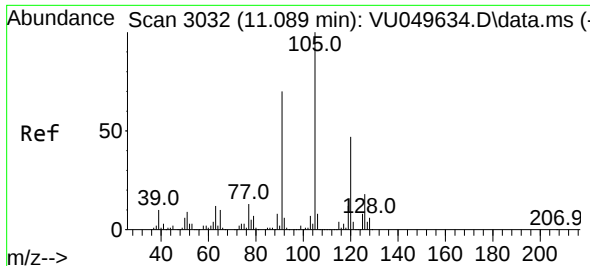
Tgt Ion:120 Resp: 130433
Ion Ratio Lower Upper
120 100
91 460.5 367.8 551.6



#74
2-Chlorotoluene
Concen: 10.242 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Tgt Ion:126 Resp: 112878
Ion Ratio Lower Upper
126 100
91 312.1 0.0 620.6

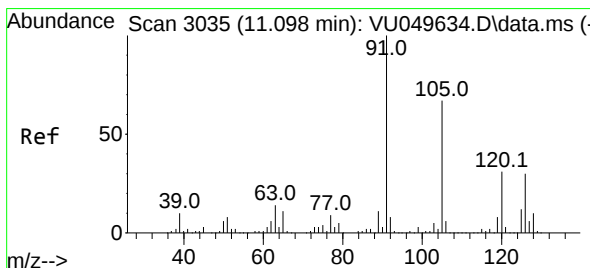
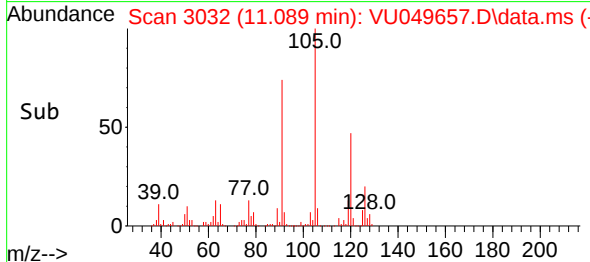
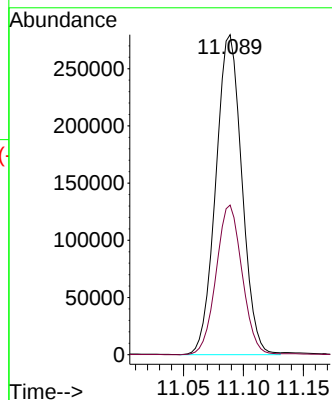
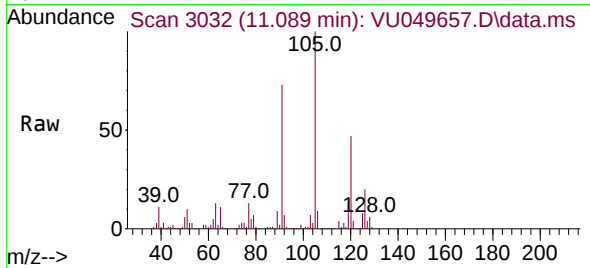




#75
1,3,5-Trimethylbenzene
Concen: 10.326 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

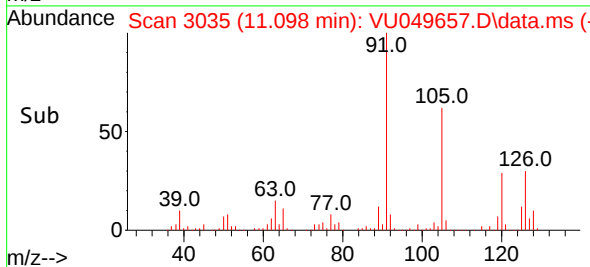
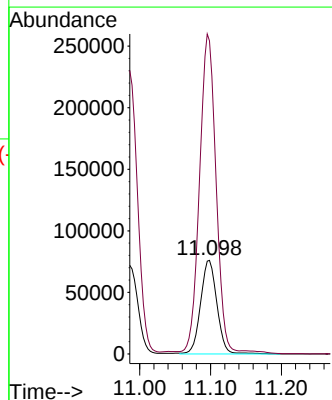
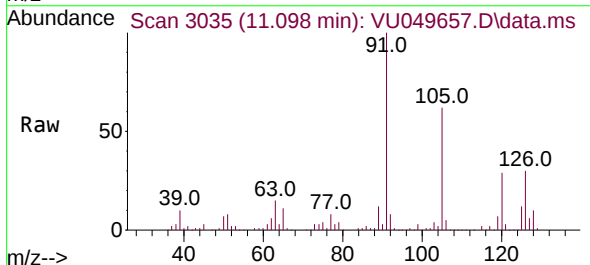
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

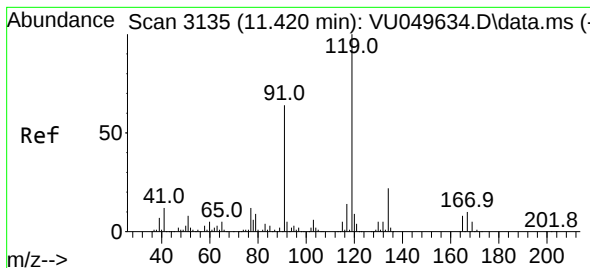
Tgt Ion:105 Resp: 422823
Ion Ratio Lower Upper
105 100
120 46.6 37.6 56.4



#76
4-Chlorotoluene
Concen: 11.003 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Tgt Ion:126 Resp: 121621
Ion Ratio Lower Upper
126 100
91 337.1 0.0 738.8





#77

tert-Butylbenzene

Concen: 10.029 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

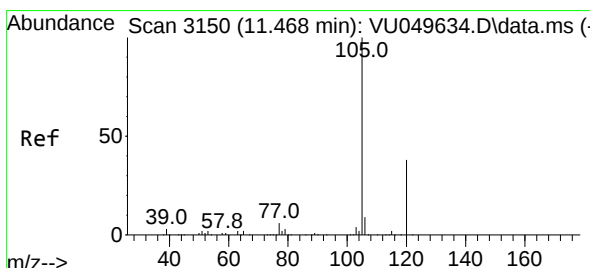
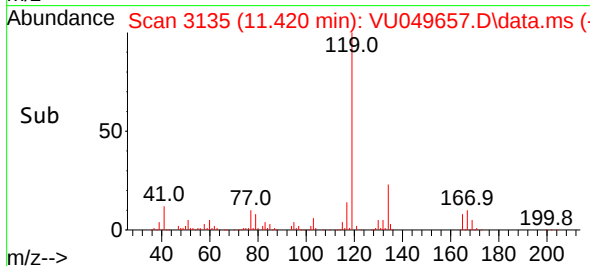
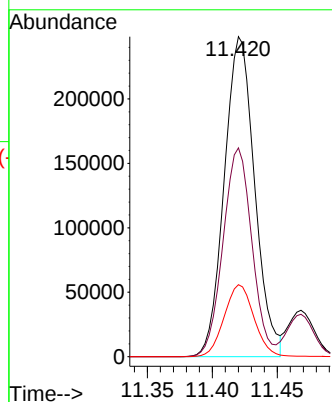
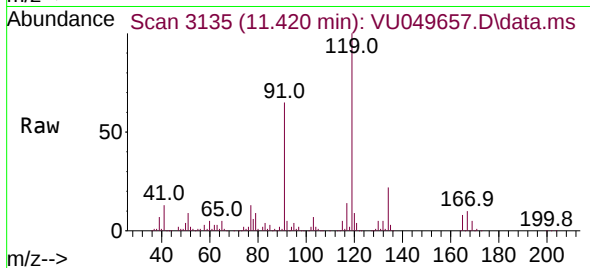
Tgt Ion:119 Resp: 404369

Ion Ratio Lower Upper

119 100

91 62.1 30.4 91.3

134 22.1 17.8 26.6



#78

1,2,4-Trimethylbenzene

Concen: 10.540 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU049657.D

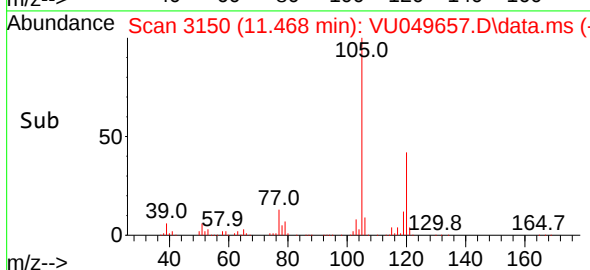
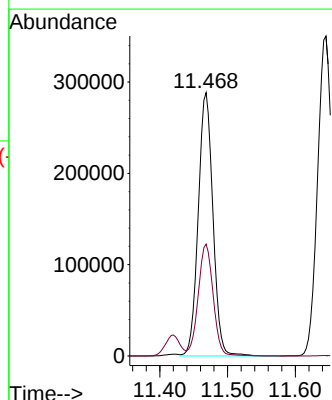
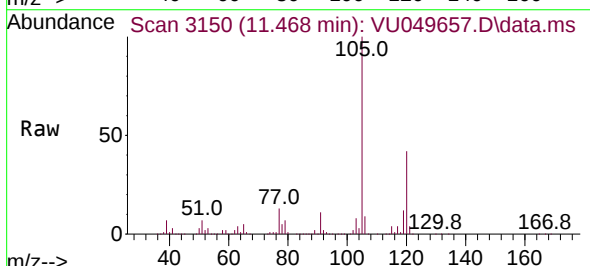
Acq: 08 Jul 2022 14:46

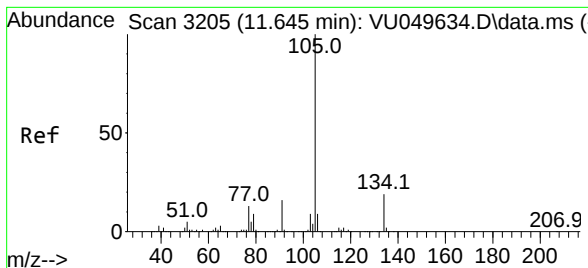
Tgt Ion:105 Resp: 433292

Ion Ratio Lower Upper

105 100

120 43.1 21.6 65.0





#79

sec-Butylbenzene

Concen: 10.266 ug/l

RT: 11.645 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

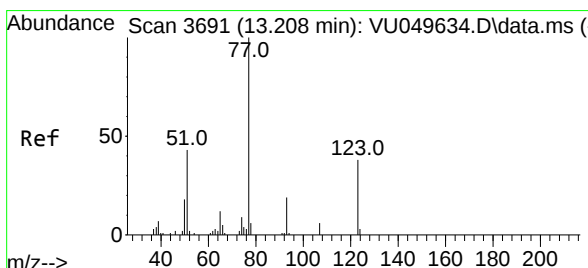
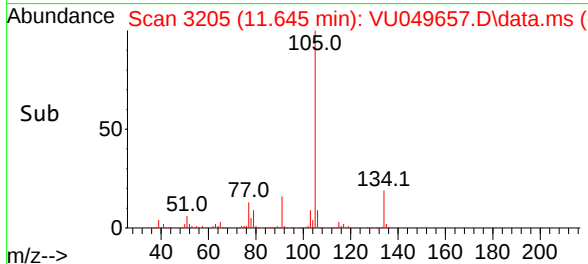
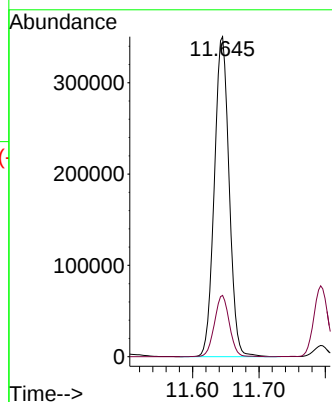
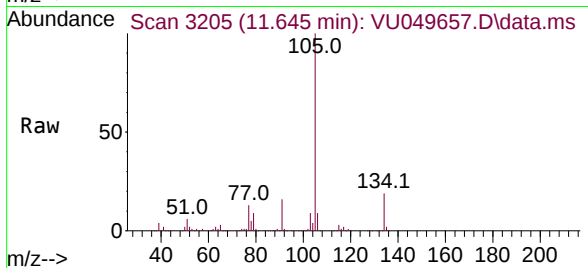
VSTDCCC010

Tgt Ion:105 Resp: 542949

Ion Ratio Lower Upper

105 100

134 19.3 15.4 23.0



#80

Nitrobenzene

Concen: 56.822 ug/l

RT: 13.208 min Scan# 3691

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

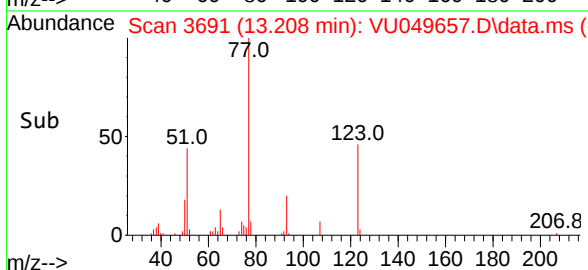
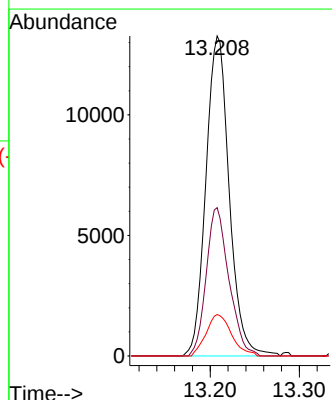
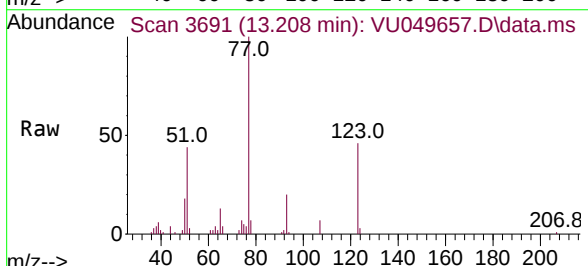
Tgt Ion: 77 Resp: 24118

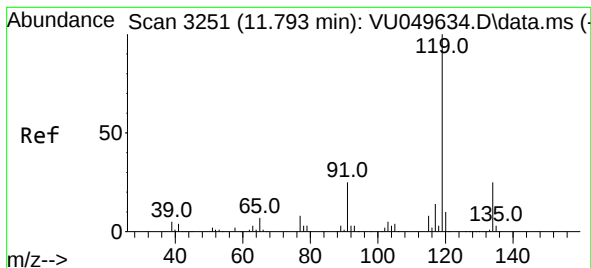
Ion Ratio Lower Upper

77 100

123 45.2 18.1 64.3

65 14.1 10.8 13.8#





#81

p-Isopropyltoluene

Concen: 10.503 ug/l

RT: 11.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

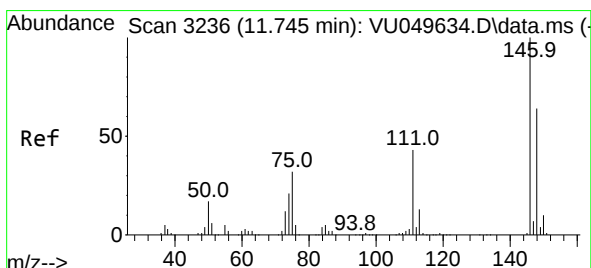
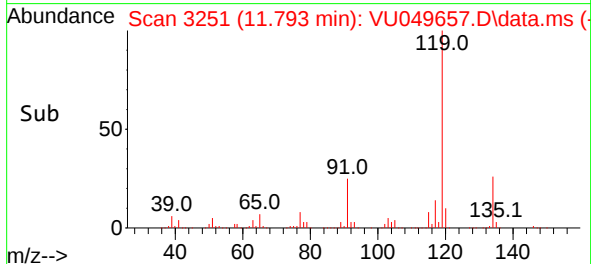
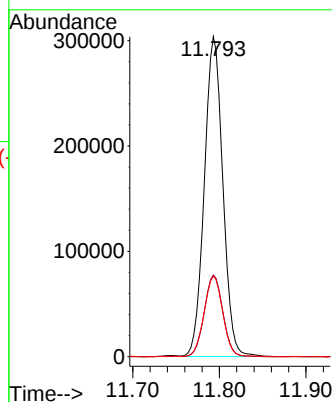
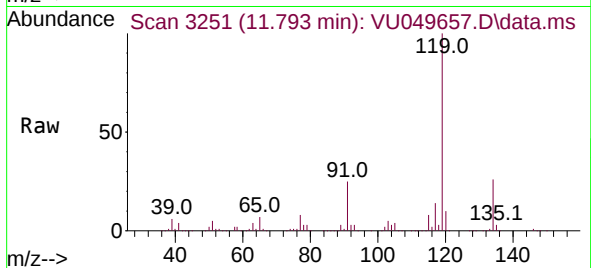
Tgt Ion:119 Resp: 450566

Ion Ratio Lower Upper

119 100

134 25.7 20.5 30.7

91 25.4 19.8 29.6



#82

1,3-Dichlorobenzene

Concen: 10.547 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

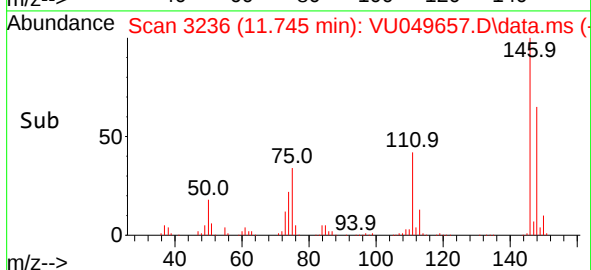
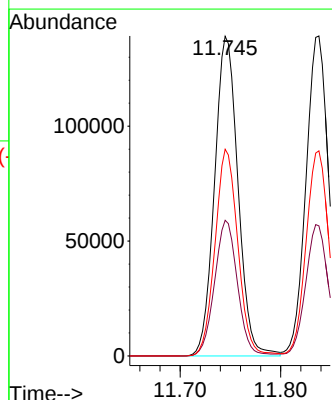
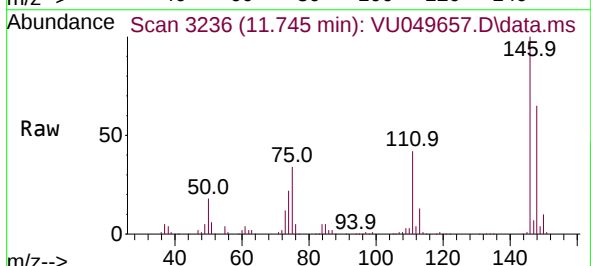
Tgt Ion:146 Resp: 225203

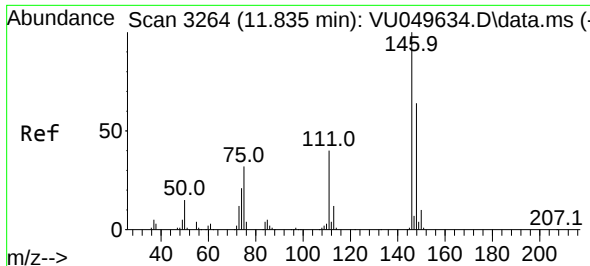
Ion Ratio Lower Upper

146 100

111 41.4 33.4 50.2

148 63.1 51.2 76.8

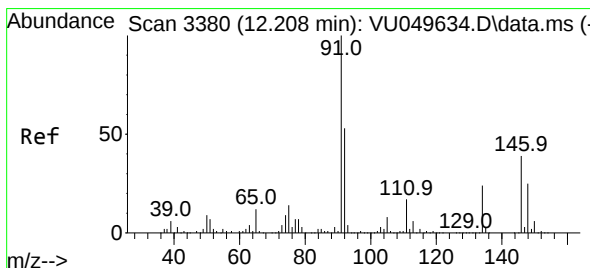
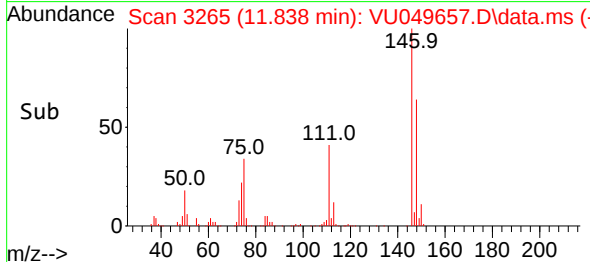
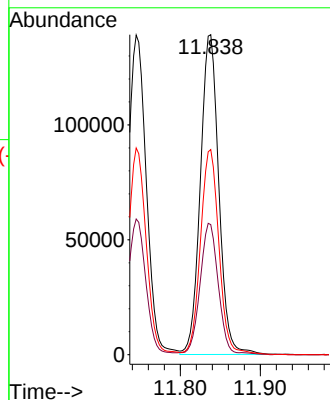
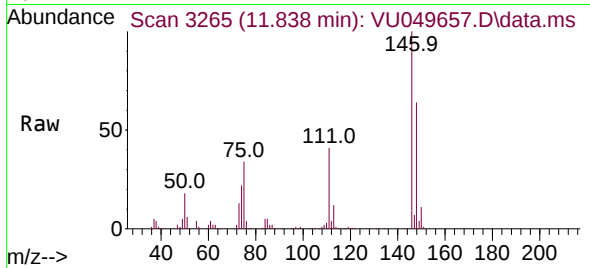




#83
1,4-Dichlorobenzene
Concen: 10.394 ug/l
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

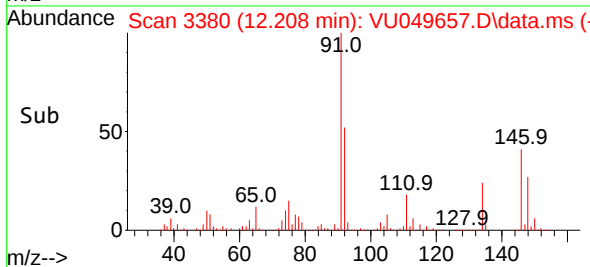
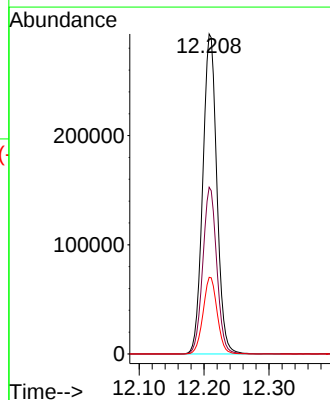
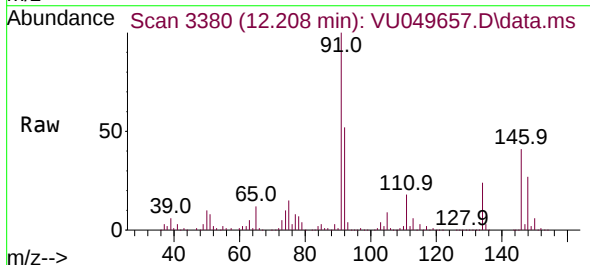
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

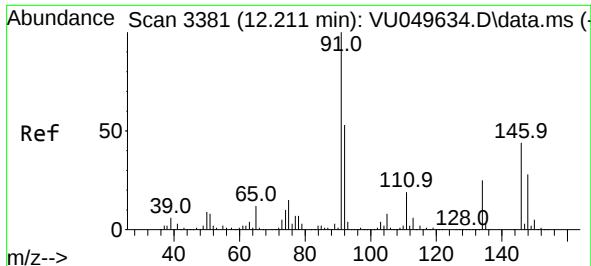
Tgt Ion:146 Resp: 223948
Ion Ratio Lower Upper
146 100
111 40.6 32.6 49.0
148 64.3 51.6 77.4



#84
n-Butylbenzene
Concen: 11.077 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Tgt Ion: 91 Resp: 442547
Ion Ratio Lower Upper
91 100
92 51.8 42.3 63.5
134 24.0 19.6 29.4

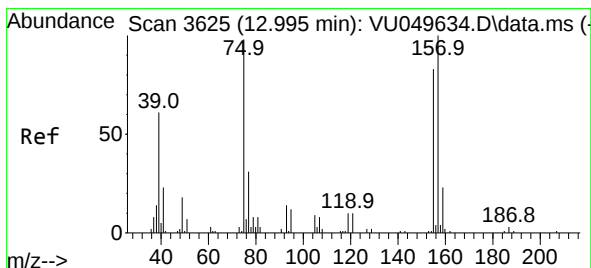
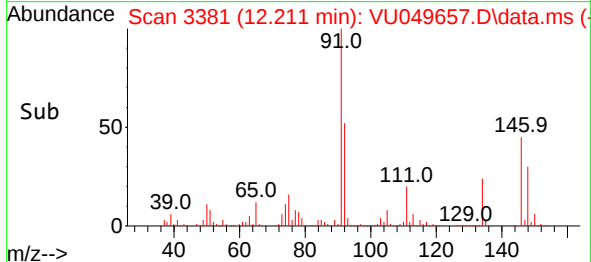
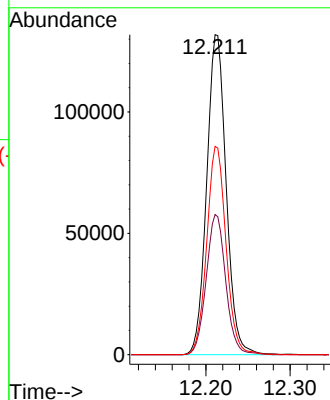
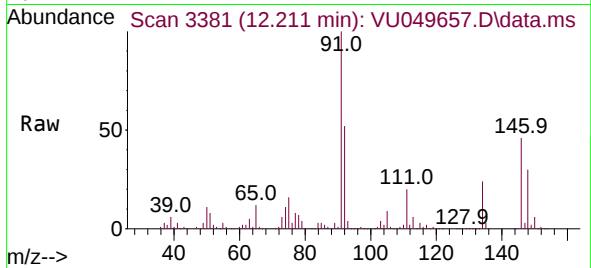




#85
 1,2-Dichlorobenzene
 Concen: 10.250 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.000 min
 Lab File: VU049657.D
 Acq: 08 Jul 2022 14:46

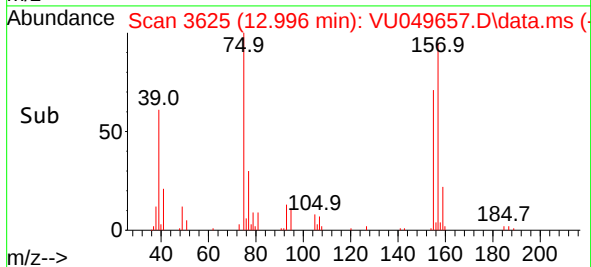
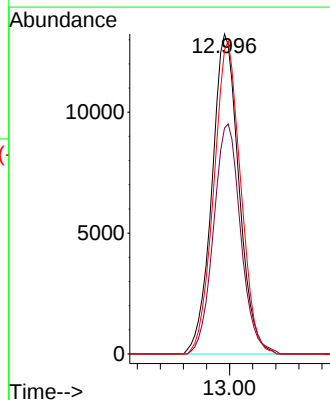
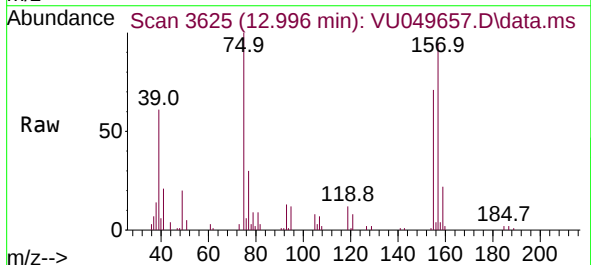
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:146 Resp: 212032
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.1 66.1
 148 64.6 32.1 96.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.856 ug/l
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.000 min
 Lab File: VU049657.D
 Acq: 08 Jul 2022 14:46

Tgt Ion: 75 Resp: 21453
 Ion Ratio Lower Upper
 75 100
 155 72.3 66.8 100.2
 157 97.2 83.8 125.8

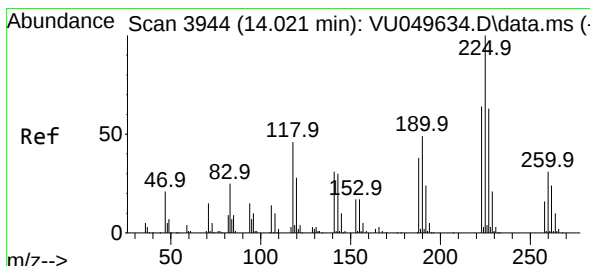
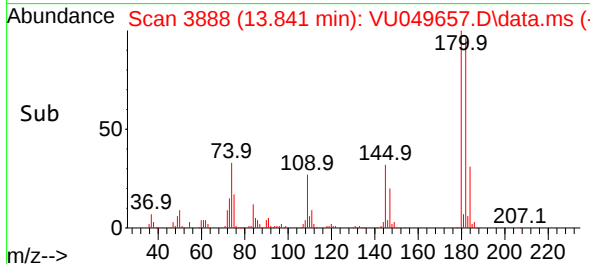
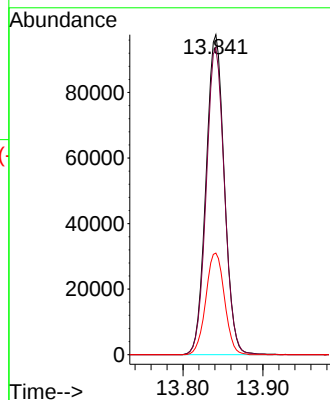
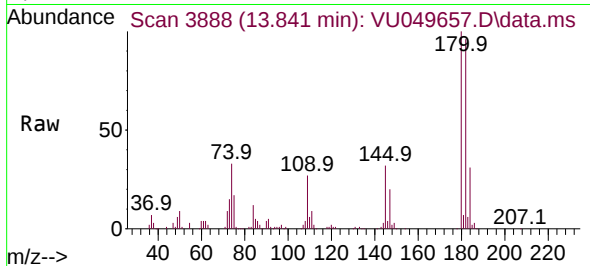




#87
1,2,4-Trichlorobenzene
Concen: 11.167 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

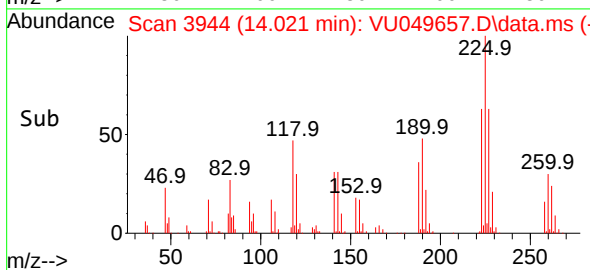
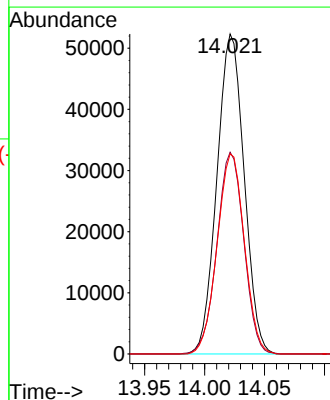
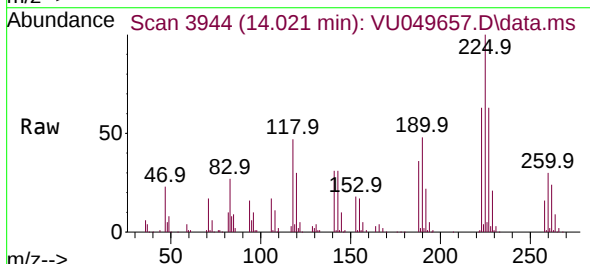
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

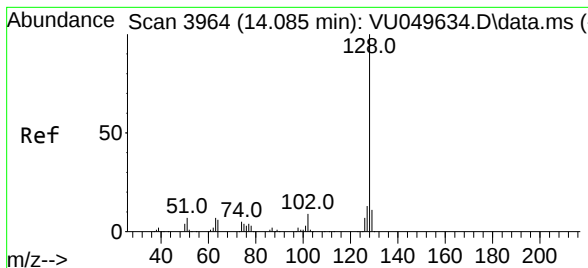
Tgt Ion:180 Resp: 155828
Ion Ratio Lower Upper
180 100
182 95.4 77.0 115.6
145 32.4 25.7 38.5



#88
Hexachlorobutadiene
Concen: 11.607 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU049657.D
Acq: 08 Jul 2022 14:46

Tgt Ion:225 Resp: 82549
Ion Ratio Lower Upper
225 100
223 62.2 50.6 76.0
227 62.4 50.7 76.1





#89

Naphthalene

Concen: 11.220 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

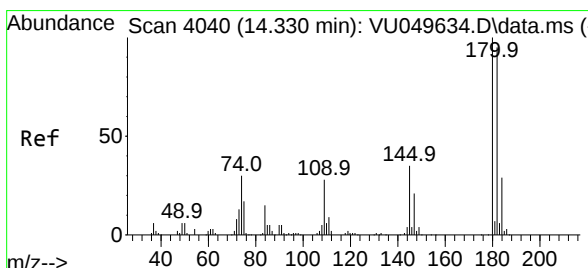
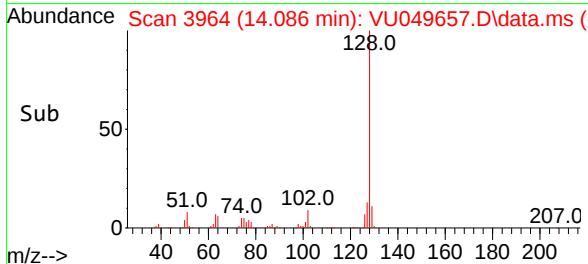
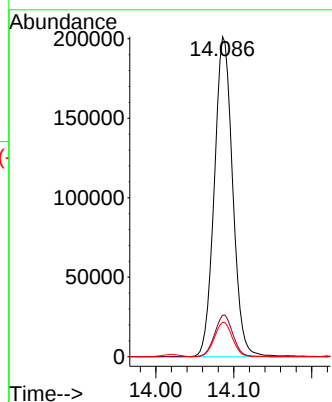
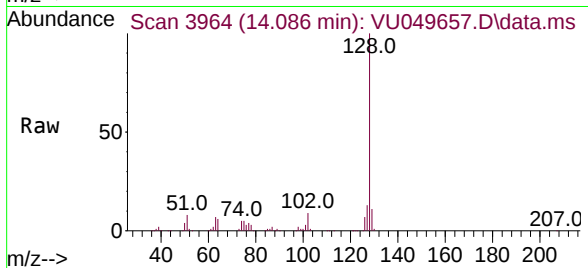
Tgt Ion:128 Resp: 328298

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 10.7 8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 11.144 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU049657.D

Acq: 08 Jul 2022 14:46

Tgt Ion:180 Resp: 148498

Ion Ratio Lower Upper

180 100

182 95.8 76.6 114.8

145 33.4 27.3 40.9

