

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060822\
 Data File : VU048971.D
 Acq On : 08 Jun 2022 18:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 09 09:58:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	201334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	340052	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	310276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	179344	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	154211	51.002	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.000%	
35) Dibromofluoromethane	5.288	113	123931	51.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.160%	
50) Toluene-d8	7.896	98	434545	49.969	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.940%	
62) 4-Bromofluorobenzene	10.632	95	184576	56.121	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	91794	39.827	ug/l	97
3) Chloromethane	1.523	50	120981	40.775	ug/l	100
4) Vinyl Chloride	1.600	62	120662	43.908	ug/l	100
5) Bromomethane	1.829	94	68597	44.374	ug/l	97
6) Chloroethane	1.909	64	71025	46.919	ug/l	99
7) Trichlorofluoromethane	2.125	101	181859	46.337	ug/l	99
8) Diethyl Ether	2.372	74	75607	52.203	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.571	101	101381	47.190	ug/l	99
10) Methyl Iodide	2.713	142	147292	46.387	ug/l	97
11) Tert butyl alcohol	3.192	59	267491	348.941	ug/l #	41
12) 1,1-Dichloroethene	2.571	96	95005	46.363	ug/l	98
13) Acrolein	2.481	56	41760	162.907	ug/l	99
14) Allyl chloride	2.915	41	191522	48.255	ug/l	99
15) Acrylonitrile	3.308	53	469590	282.448	ug/l	100
16) Acetone	2.623	43	393996	255.687	ug/l	98
17) Carbon Disulfide	2.784	76	207341	34.661	ug/l	100
18) Methyl Acetate	2.944	43	226065	58.432	ug/l	98
19) Methyl tert-butyl Ether	3.359	73	437983	56.330	ug/l	100
20) Methylene Chloride	3.041	84	128729	49.126	ug/l	96
21) trans-1,2-Dichloroethene	3.346	96	107843	46.008	ug/l	96
22) Diisopropyl ether	3.989	45	406889	55.577	ug/l	95
23) Vinyl Acetate	3.951	43	1749487	275.808	ug/l	98
24) 1,1-Dichloroethane	3.864	63	232561	50.578	ug/l	98
25) 2-Butanone	4.697	43	641742	289.897	ug/l	96
26) 2,2-Dichloropropane	4.661	77	189468	45.930	ug/l	99
27) cis-1,2-Dichloroethene	4.665	96	140843	51.911	ug/l	95
28) Bromochloromethane	4.970	49	97017	53.793	ug/l	94
29) Tetrahydrofuran	5.047	42	394795	283.132	ug/l	98
30) Chloroform	5.086	83	243755	52.982	ug/l	97
31) Cyclohexane	5.385	56	170235	44.675	ug/l	95
32) 1,1,1-Trichloroethane	5.314	97	211717	50.723	ug/l	98
36) 1,1-Dichloropropene	5.523	75	155803	44.003	ug/l	99
37) Ethyl Acetate	4.800	43	226633	50.632	ug/l	99
38) Carbon Tetrachloride	5.523	117	183579	45.193	ug/l	99
39) Methylcyclohexane	6.761	83	167171	45.029	ug/l	96
40) Benzene	5.771	78	492077	47.074	ug/l	99

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 ClientSampleId :
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	125911	55.665	ug/l	98
42) 1,2-Dichloroethane	5.793	62	194741	47.591	ug/l	100
43) Isopropyl Acetate	5.909	43	345278	53.147	ug/l	98
44) Trichloroethene	6.539	130	128099	47.566	ug/l	96
45) 1,2-Dichloropropane	6.790	63	139470	52.998	ug/l	98
46) Dibromomethane	6.915	93	97863	49.775	ug/l	96
47) Bromodichloromethane	7.105	83	193325	48.623	ug/l	99
48) Methyl methacrylate	6.957	41	165062	56.596	ug/l	98
49) 1,4-Dioxane	6.964	88	100454	1540.784	ug/l	99
51) 4-Methyl-2-Pentanone	7.793	43	1310131	310.572	ug/l	98
52) Toluene	7.970	92	317248	50.739	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	216367	50.447	ug/l	97
54) cis-1,3-Dichloropropene	7.607	75	223836	50.363	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	146185	52.975	ug/l	98
56) Ethyl methacrylate	8.333	69	241815	55.170	ug/l	97
57) 1,3-Dichloropropane	8.574	76	233965	50.376	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	283615	283.171	ug/l	99
59) 2-Hexanone	8.684	43	1033415	298.397	ug/l	97
60) Dibromochloromethane	8.809	129	156985	50.751	ug/l	100
61) 1,2-Dibromoethane	8.922	107	148498	48.864	ug/l	100
64) Tetrachloroethene	8.552	164	102003	47.283	ug/l	97
65) Chlorobenzene	9.446	112	344290	52.464	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	140173	56.274	ug/l	98
67) Ethyl Benzene	9.571	91	599326	54.149	ug/l	98
68) m/p-Xylenes	9.693	106	466135	107.681	ug/l	99
69) o-Xylene	10.098	106	241899	56.879	ug/l	99
70) Styrene	10.115	104	410752	58.718	ug/l	99
71) Bromoform	10.291	173	140094	60.829	ug/l #	100
73) Isopropylbenzene	10.484	105	648533	56.012	ug/l	100
74) N-amyl acetate	10.320	43	328631	55.764	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	297538	62.971	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	335927	58.094	ug/l	99
77) Bromobenzene	10.783	156	169196	54.413	ug/l	99
78) n-propylbenzene	10.906	91	743534	53.893	ug/l	100
79) 2-Chlorotoluene	10.986	91	472351	55.054	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	577839	57.389	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.545	75	87217	54.764	ug/l	99
82) 4-Chlorotoluene	11.095	91	537174	54.265	ug/l	98
83) tert-Butylbenzene	11.420	119	591697	61.228	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	586120	53.918	ug/l	100
85) sec-Butylbenzene	11.642	105	701123	57.993	ug/l	98
86) p-Isopropyltoluene	11.793	119	601579	57.944	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	324783	53.273	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	322855	51.258	ug/l	100
89) n-Butylbenzene	12.208	91	500363	48.230	ug/l	99
90) Hexachloroethane	12.475	117	109546	51.701	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	341922	55.517	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.995	75	78287	57.545	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	203789	50.424	ug/l	99
94) Hexachlorobutadiene	14.021	225	93581	48.308	ug/l	97
95) Naphthalene	14.085	128	765376	54.004	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	219032	54.718	ug/l	99

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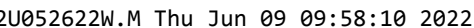
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MSVOA_U
ClientSampleId :
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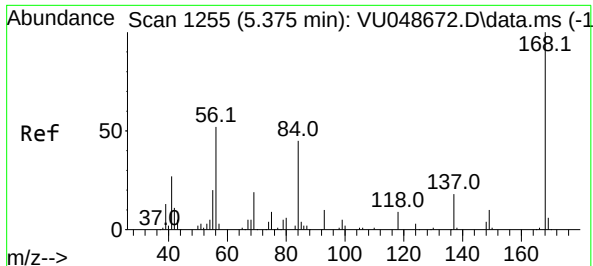
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Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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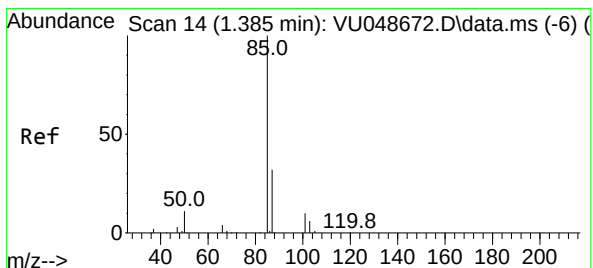
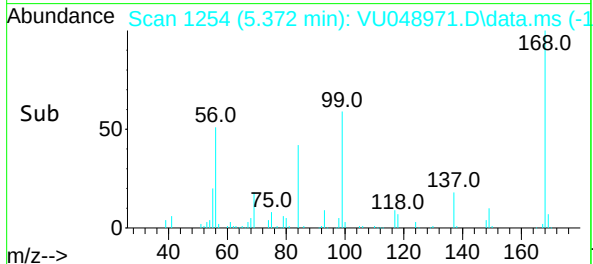
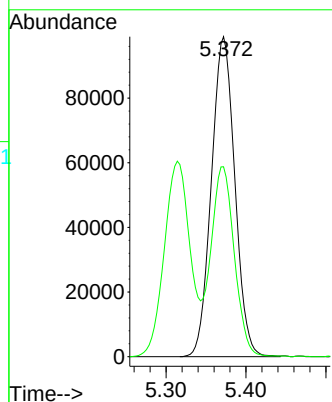
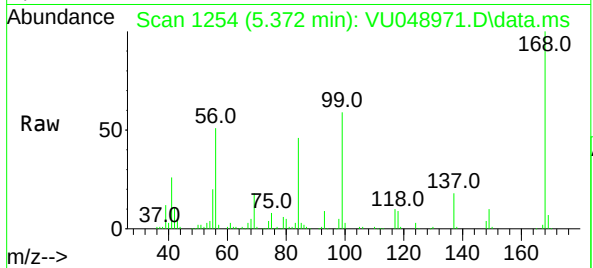




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048971.D
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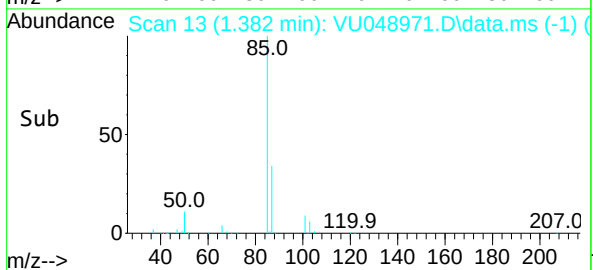
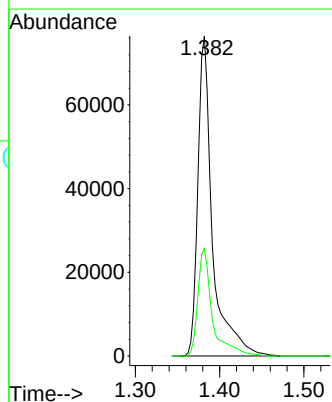
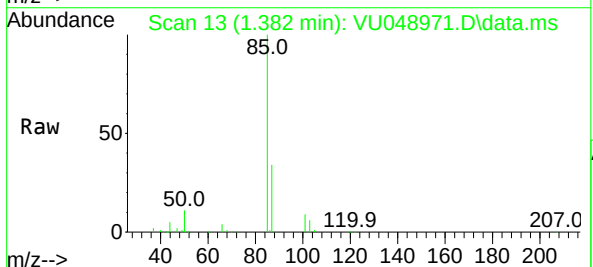
Instrument :
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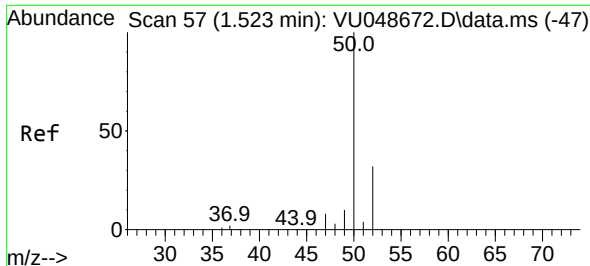
Tgt Ion:168 Resp: 201334
Ion Ratio Lower Upper
168 100
99 59.2 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 39.827 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion: 85 Resp: 91794
Ion Ratio Lower Upper
85 100
87 33.6 16.0 48.0

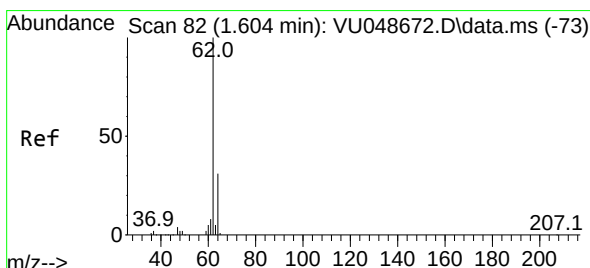
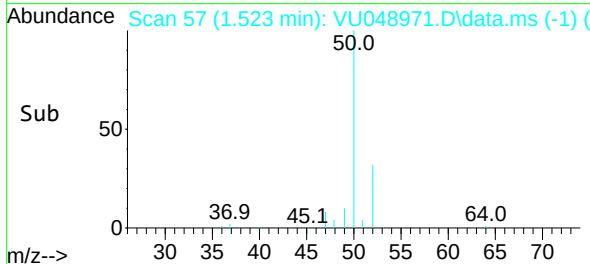
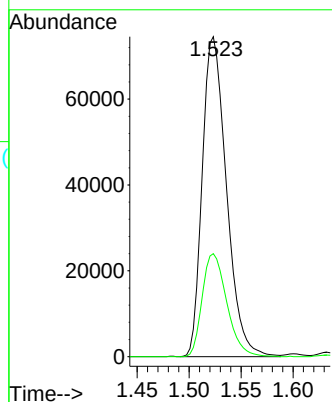
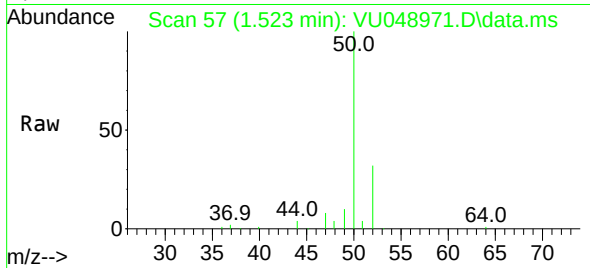




#3
Chloromethane
Concen: 40.775 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

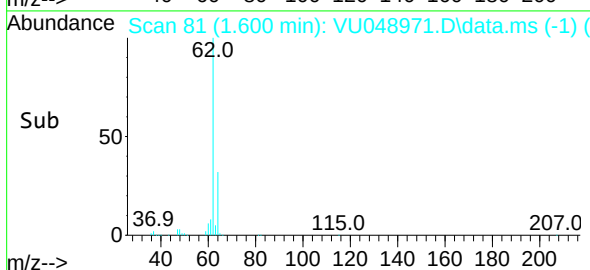
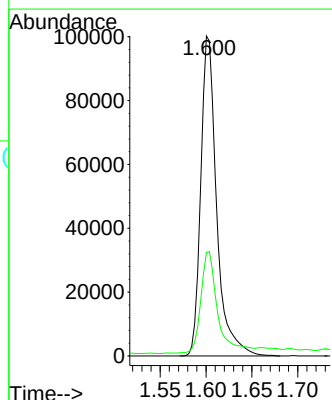
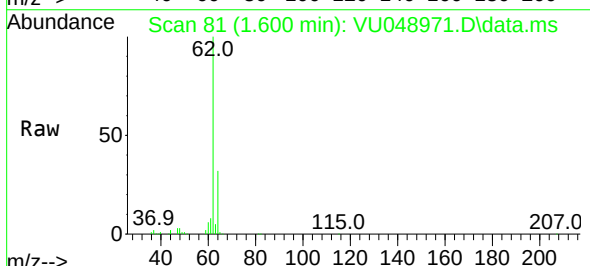
Instrument :
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ClientSampleId :
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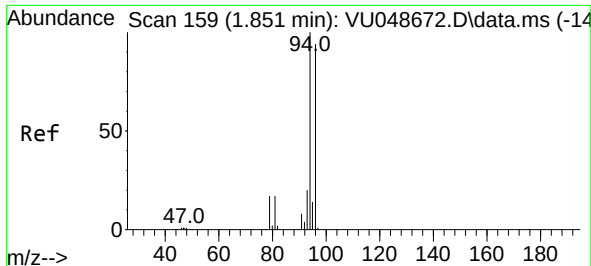
Tgt Ion: 50 Resp: 120981
Ion Ratio Lower Upper
50 100
52 32.2 25.7 38.5



#4
Vinyl Chloride
Concen: 43.908 ug/l
RT: 1.600 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion: 62 Resp: 120662
Ion Ratio Lower Upper
62 100
64 31.3 25.2 37.8

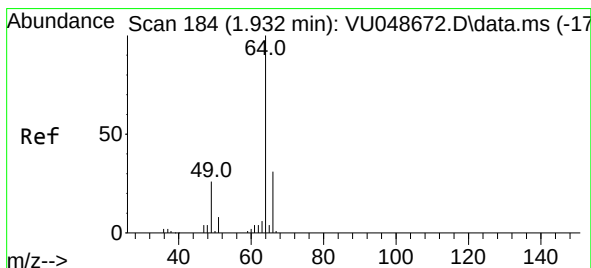
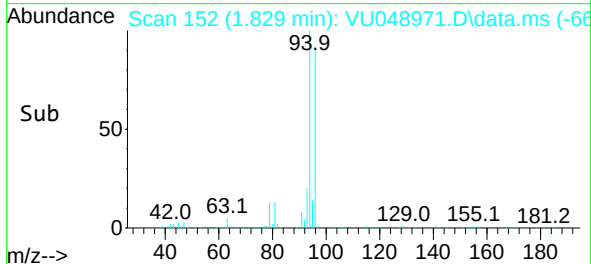
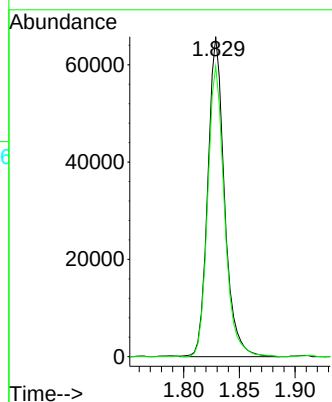
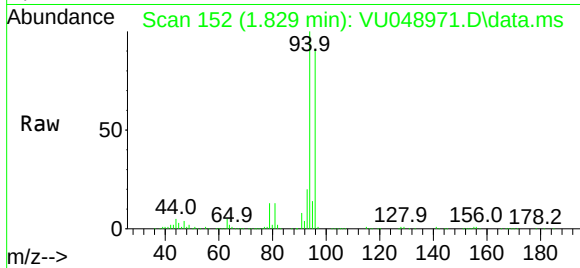




#5
Bromomethane
Concen: 44.374 ug/l
RT: 1.829 min Scan# 11
Delta R.T. -0.022 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

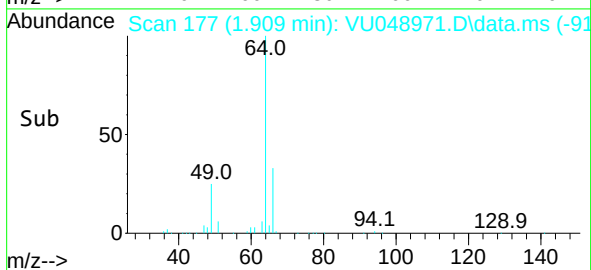
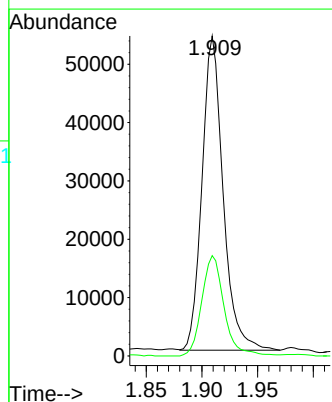
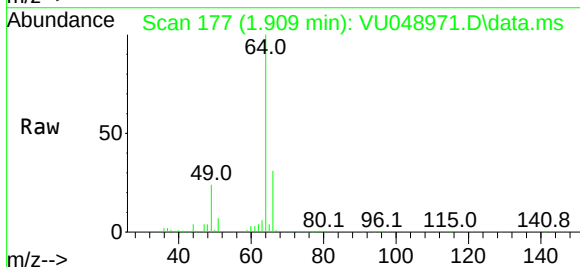
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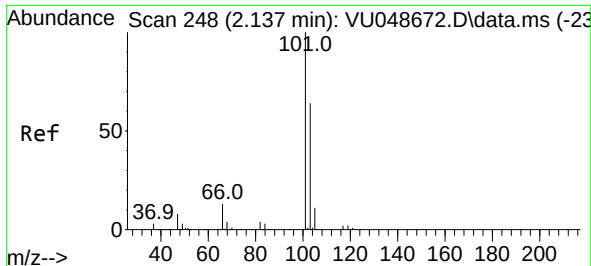
Tgt Ion: 94 Resp: 68597
Ion Ratio Lower Upper
94 100
96 90.7 75.1 112.7



#6
Chloroethane
Concen: 46.919 ug/l
RT: 1.909 min Scan# 177
Delta R.T. -0.023 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion: 64 Resp: 71025
Ion Ratio Lower Upper
64 100
66 31.9 25.2 37.8

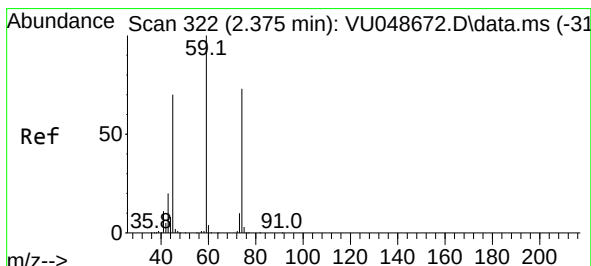
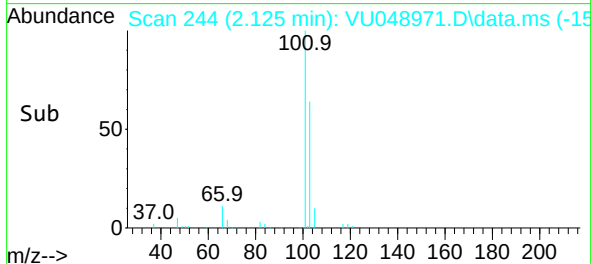
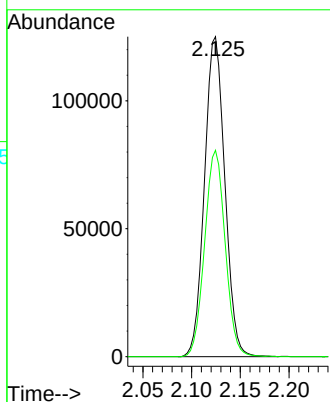
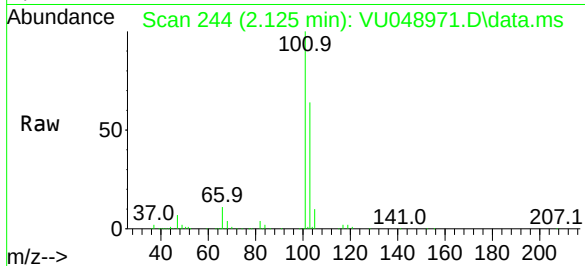




#7
 Trichlorofluoromethane
 Concen: 46.337 ug/l
 RT: 2.125 min Scan# 248
 Delta R.T. -0.013 min
 Lab File: VU048971.D
 Acq: 08 Jun 2022 18:39

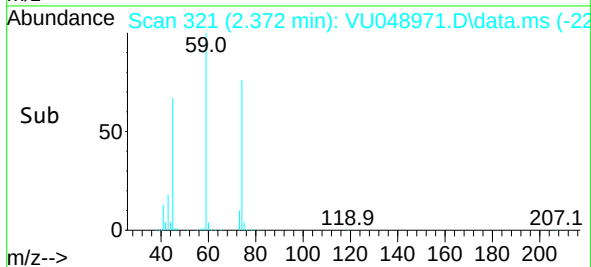
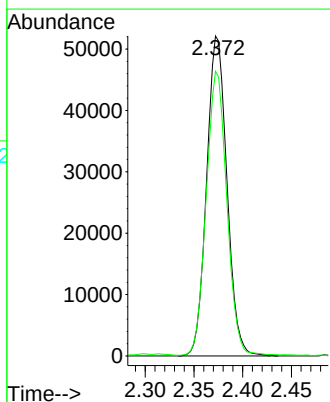
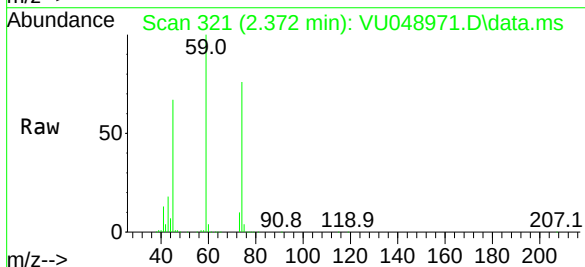
Instrument :
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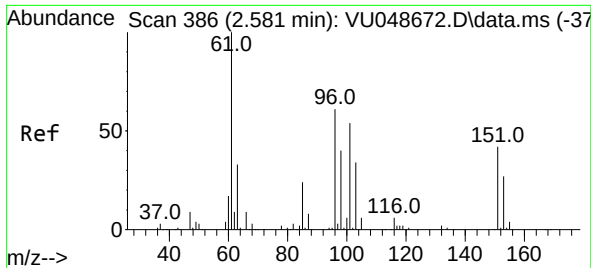
Tgt Ion:101 Resp: 181859
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.0 76.4



#8
 Diethyl Ether
 Concen: 52.203 ug/l
 RT: 2.372 min Scan# 321
 Delta R.T. -0.003 min
 Lab File: VU048971.D
 Acq: 08 Jun 2022 18:39

Tgt Ion: 74 Resp: 75607
 Ion Ratio Lower Upper
 74 100
 45 89.8 47.7 143.1

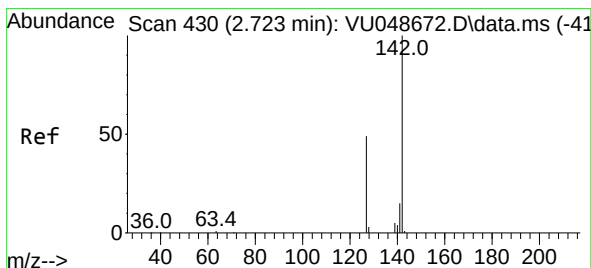
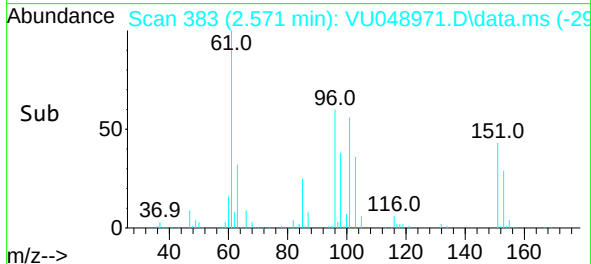
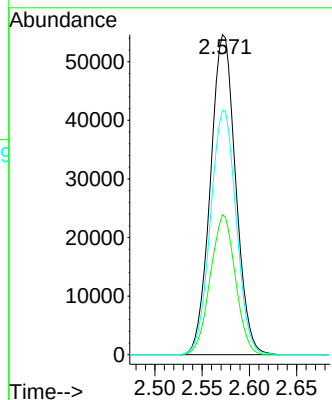
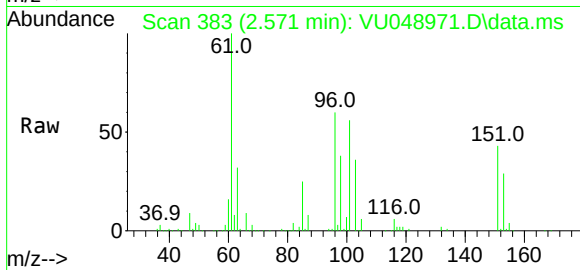




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.190 ug/l
RT: 2.571 min Scan# 386
Delta R.T. -0.010 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

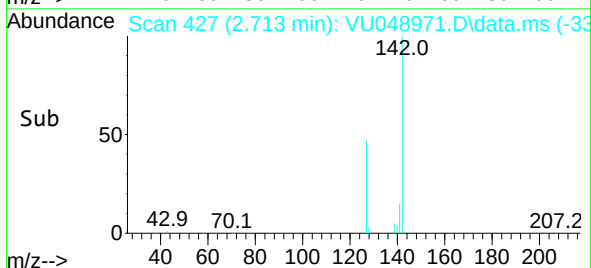
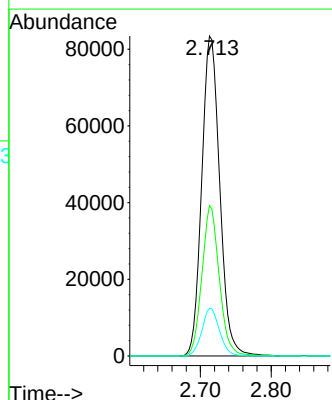
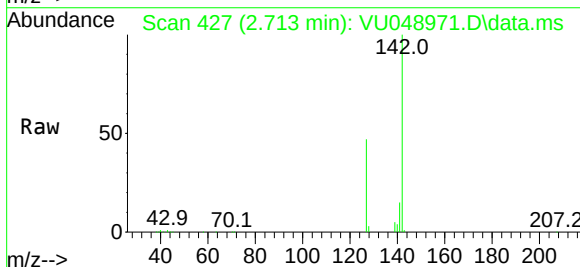
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

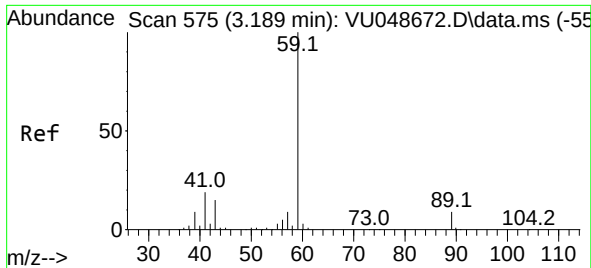
Tgt Ion:101 Resp: 101381
Ion Ratio Lower Upper
101 100
85 43.3 35.4 53.2
151 78.1 62.5 93.7



#10
Methyl Iodide
Concen: 46.387 ug/l
RT: 2.713 min Scan# 427
Delta R.T. -0.010 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion:142 Resp: 147292
Ion Ratio Lower Upper
142 100
127 45.3 38.4 57.6
141 14.5 11.5 17.3

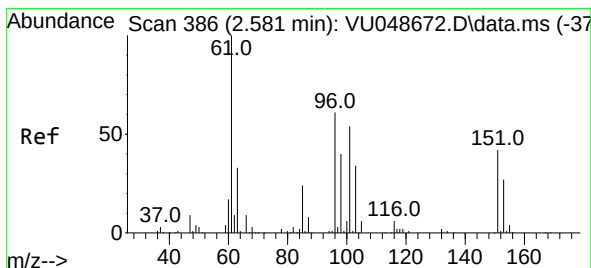
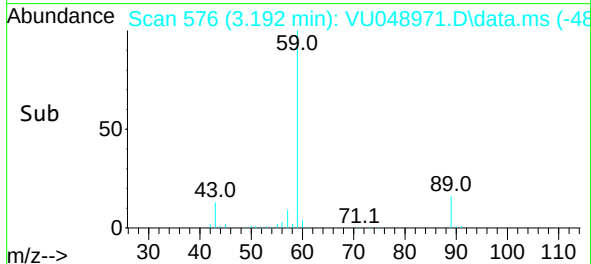
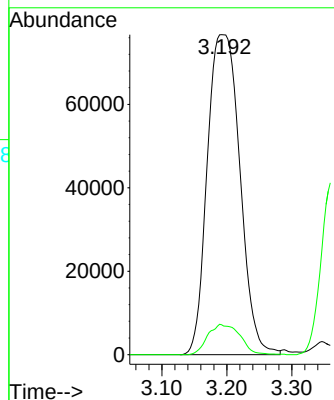
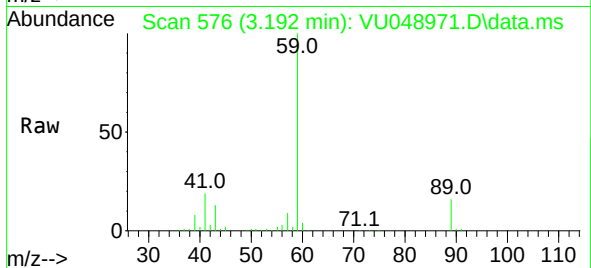




#11
Tert butyl alcohol
Concen: 348.941 ug/l
RT: 3.192 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

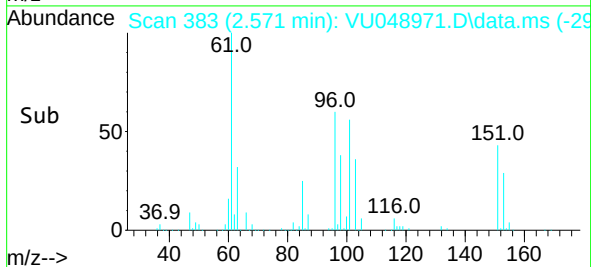
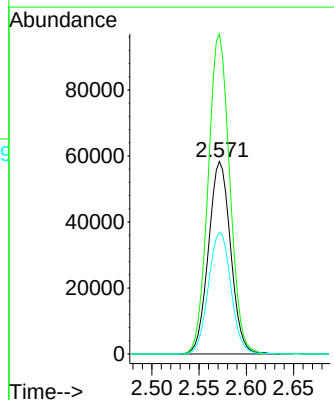
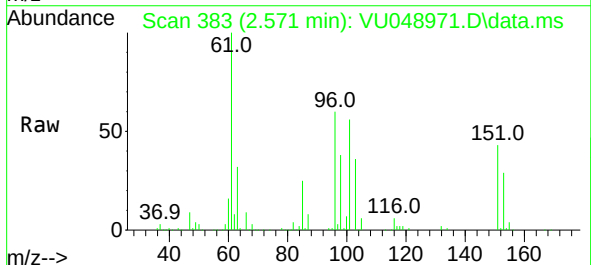
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

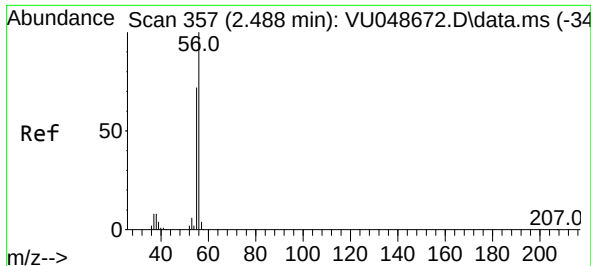
Tgt Ion: 59 Resp: 267491
Ion Ratio Lower Upper
59 100
57 9.4 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 46.363 ug/l
RT: 2.571 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

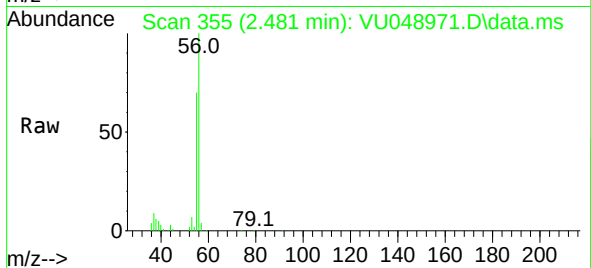
Tgt Ion: 96 Resp: 95005
Ion Ratio Lower Upper
96 100
61 166.3 131.1 196.7
98 63.1 51.8 77.8



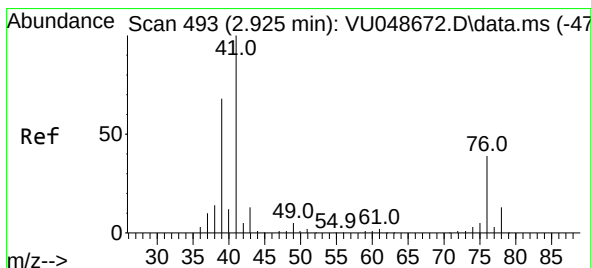
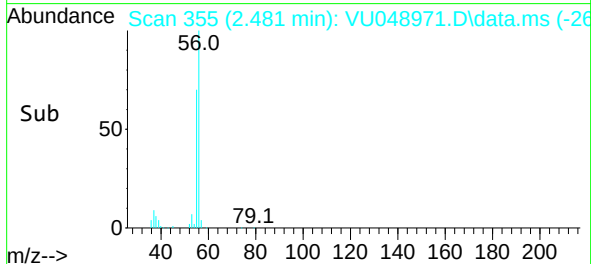
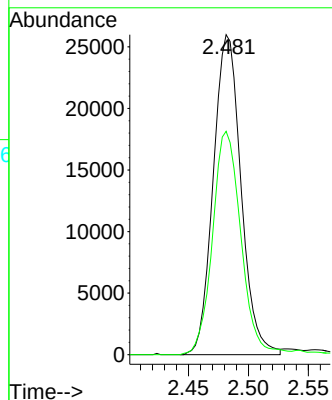


#13
Acrolein
Concen: 162.907 ug/l
RT: 2.481 min Scan# 31
Delta R.T. -0.007 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

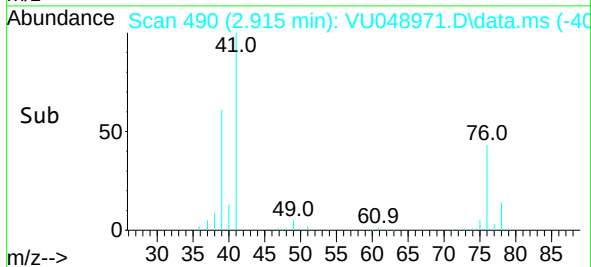
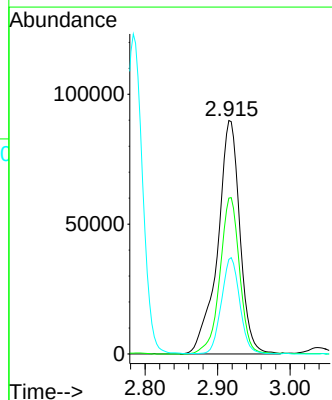
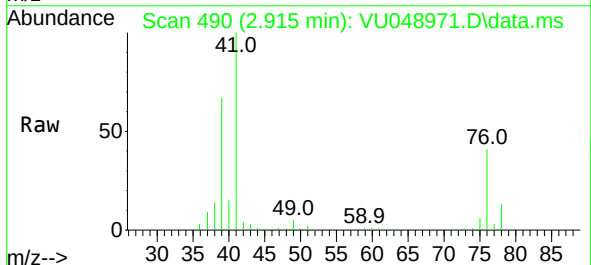


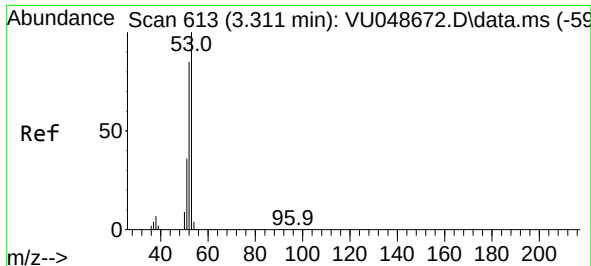
Tgt Ion: 56 Resp: 41760
Ion Ratio Lower Upper
56 100
55 71.4 57.7 86.5



#14
Allyl chloride
Concen: 48.255 ug/l
RT: 2.915 min Scan# 490
Delta R.T. -0.010 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion: 41 Resp: 191522
Ion Ratio Lower Upper
41 100
39 59.2 48.6 72.8
76 34.1 27.0 40.4

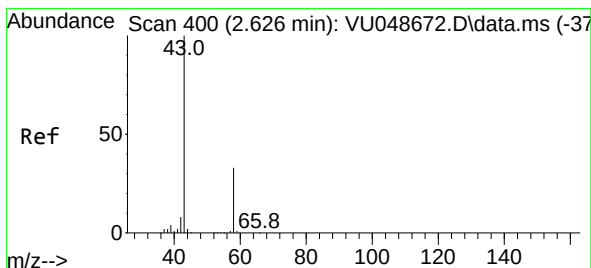
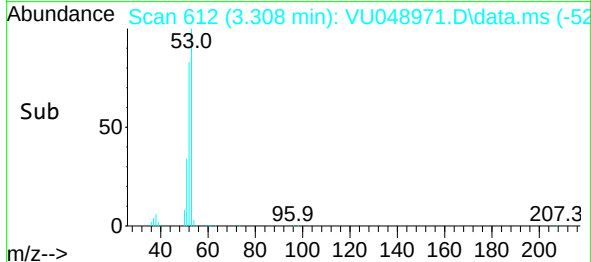
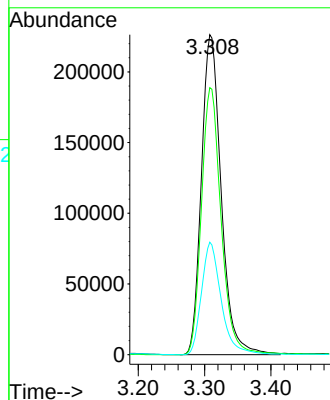
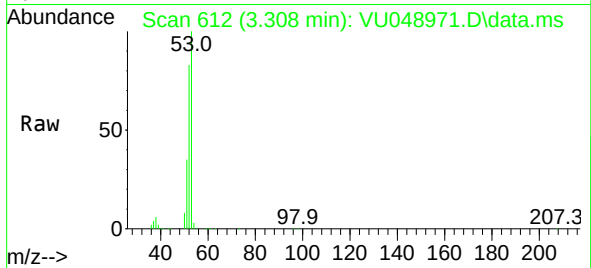




#15
Acrylonitrile
Concen: 282.448 ug/l
RT: 3.308 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

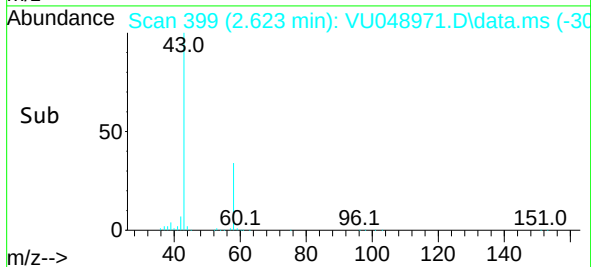
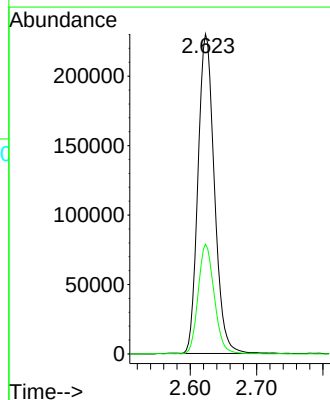
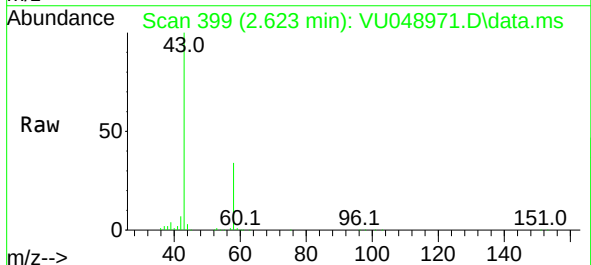
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

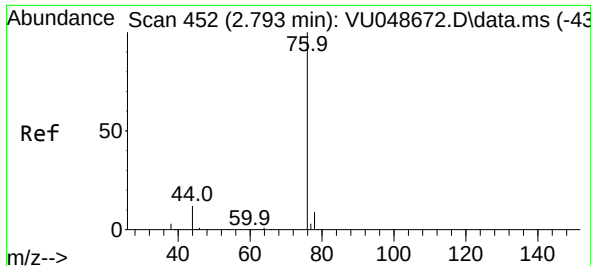
Tgt Ion: 53 Resp: 469590
Ion Ratio Lower Upper
53 100
52 83.0 66.3 99.5
51 35.0 28.6 42.8



#16
Acetone
Concen: 255.687 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion: 43 Resp: 393996
Ion Ratio Lower Upper
43 100
58 34.3 26.3 39.5

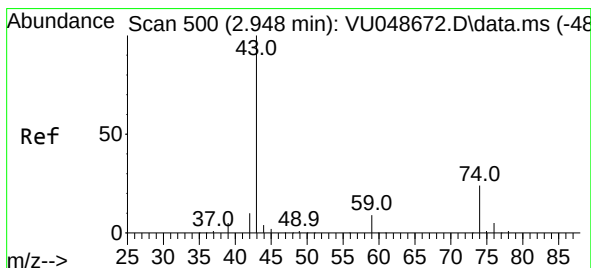
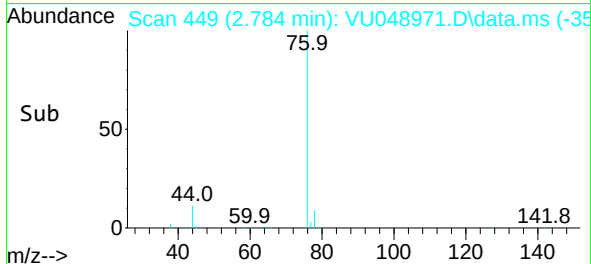
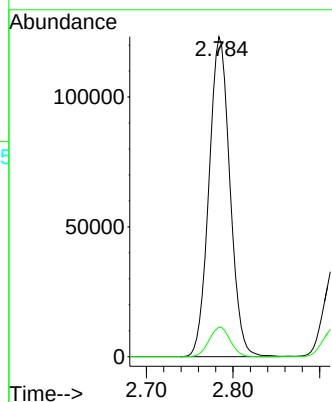
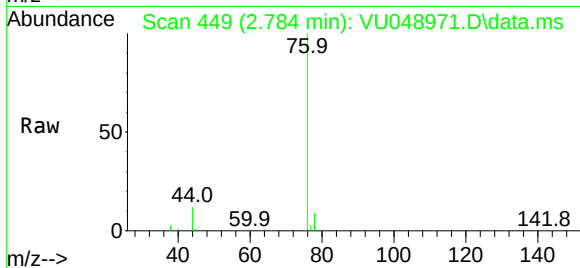




#17
Carbon Disulfide
Concen: 34.661 ug/l
RT: 2.784 min Scan# 441
Delta R.T. -0.010 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

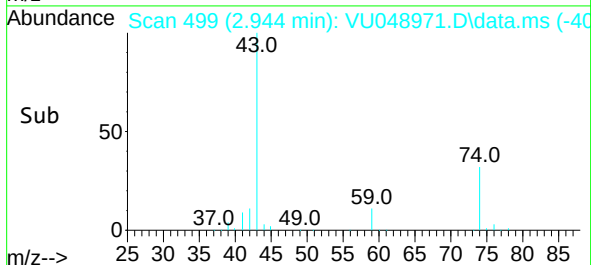
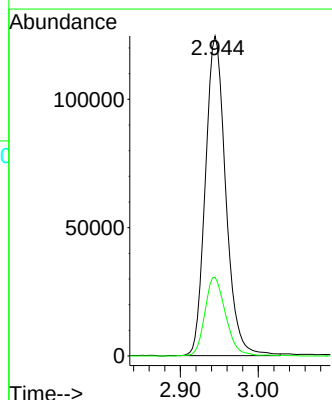
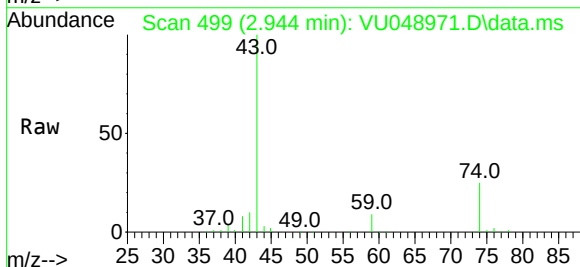
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

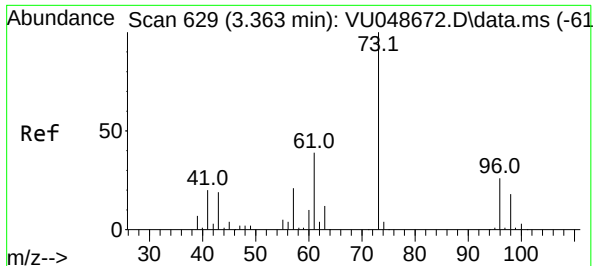
Tgt Ion: 76 Resp: 207341
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 58.432 ug/l
RT: 2.944 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion: 43 Resp: 226065
Ion Ratio Lower Upper
43 100
74 25.1 19.2 28.8

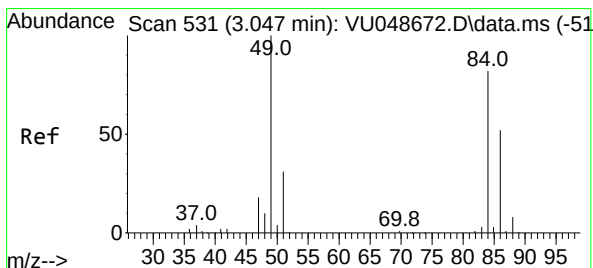
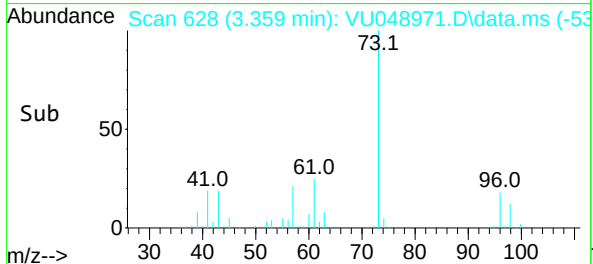
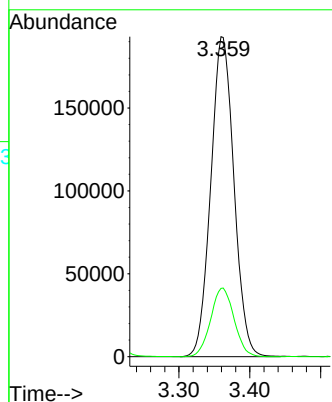
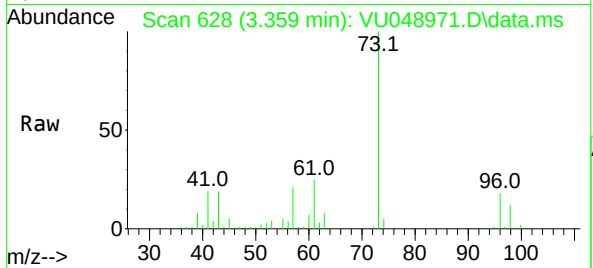




#19
Methyl tert-butyl Ether
Concen: 56.330 ug/l
RT: 3.359 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

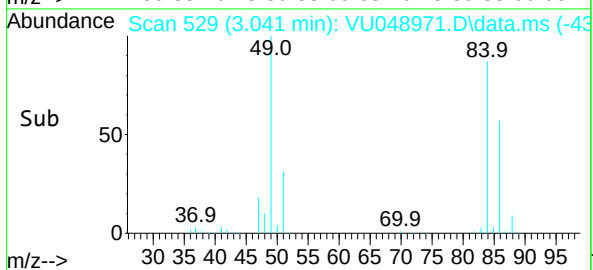
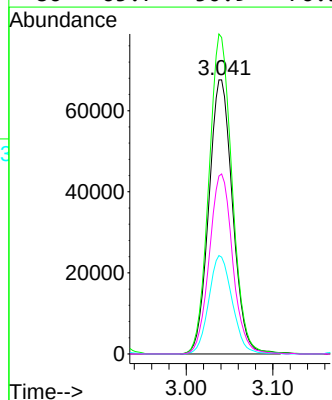
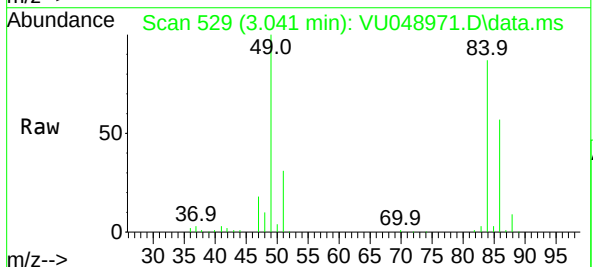
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

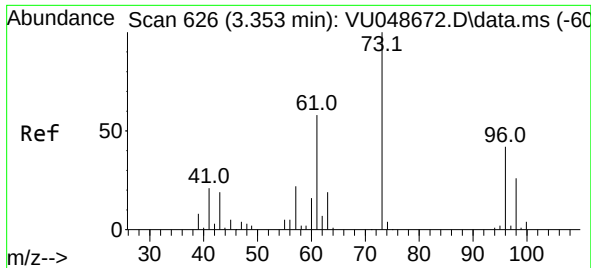
Tgt Ion: 73 Resp: 437983
Ion Ratio Lower Upper
73 100
57 21.3 17.1 25.7



#20
Methylene Chloride
Concen: 49.126 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.007 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion: 84 Resp: 128729
Ion Ratio Lower Upper
84 100
49 115.5 97.0 145.4
51 35.3 29.8 44.8
86 65.7 50.9 76.3

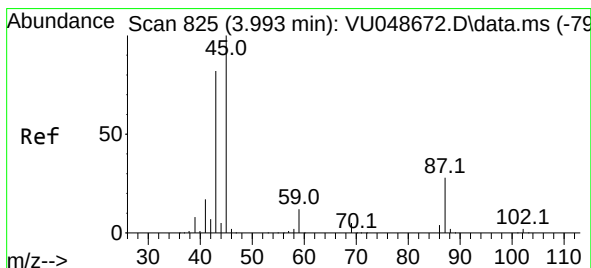
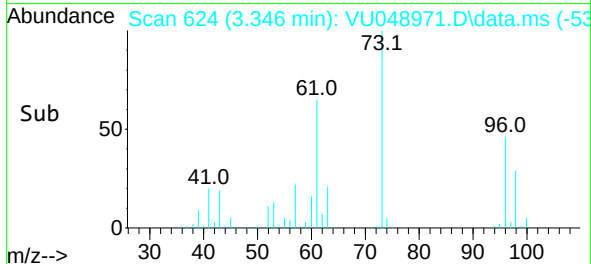
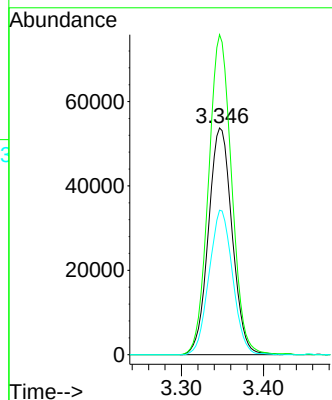
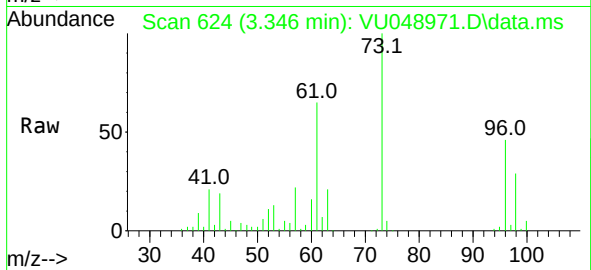




#21
trans-1,2-Dichloroethene
Concen: 46.008 ug/l
RT: 3.346 min Scan# 61
Delta R.T. -0.007 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

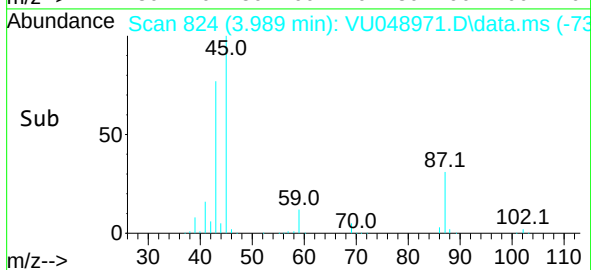
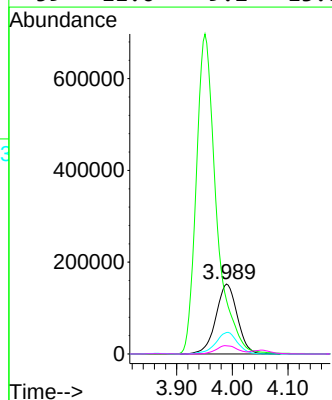
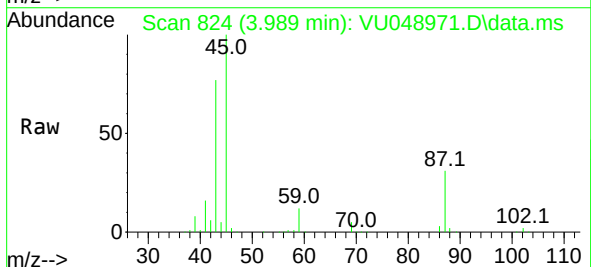
Instrument :
MSVOA_U
ClientSampleId :
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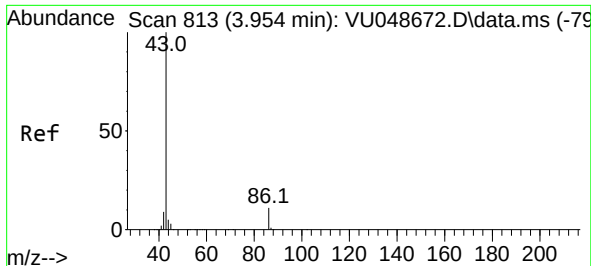
Tgt Ion: 96 Resp: 107843
Ion Ratio Lower Upper
96 100
61 141.2 109.4 164.2
98 63.7 48.9 73.3



#22
Diisopropyl ether
Concen: 55.577 ug/l
RT: 3.989 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion: 45 Resp: 406889
Ion Ratio Lower Upper
45 100
43 76.1 65.2 97.8
87 30.6 22.7 34.1
59 11.6 9.2 13.8

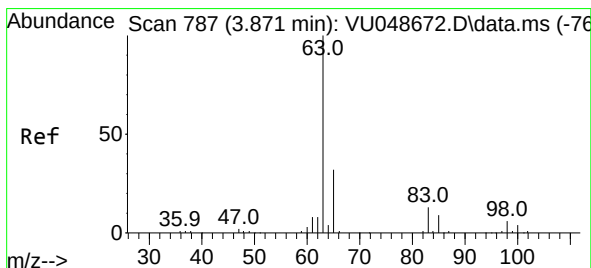
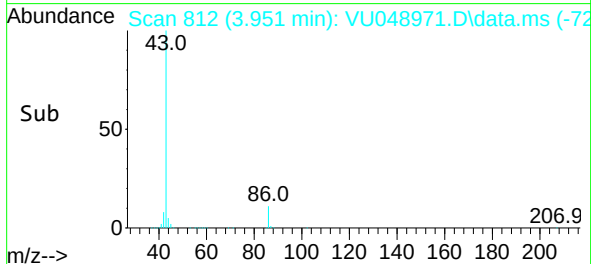
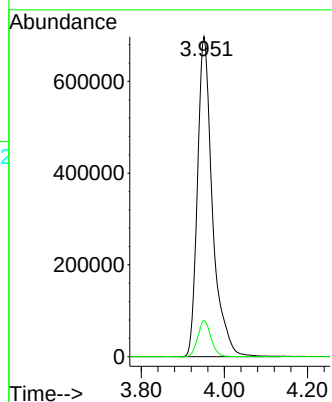
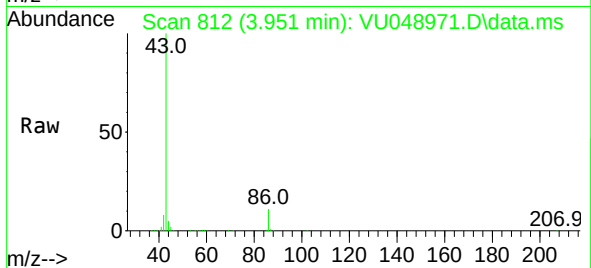




#23
 Vinyl Acetate
 Concen: 275.808 ug/l
 RT: 3.951 min Scan# 812
 Delta R.T. -0.003 min
 Lab File: VU048971.D
 Acq: 08 Jun 2022 18:39

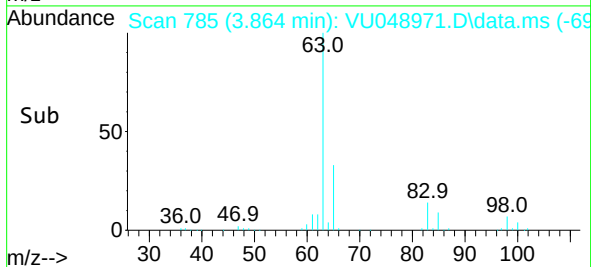
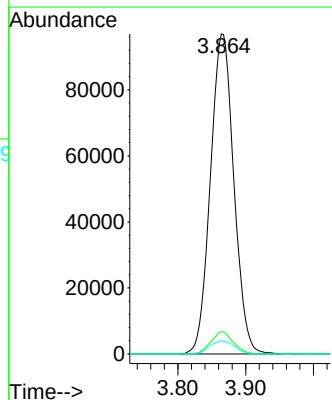
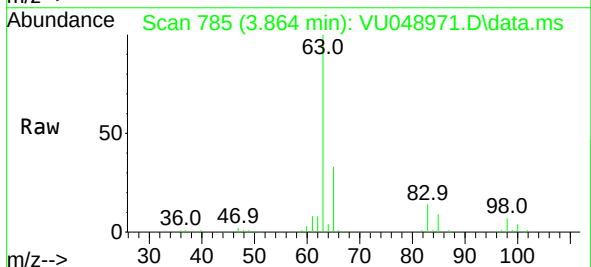
Instrument :
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 ClientSampleId :
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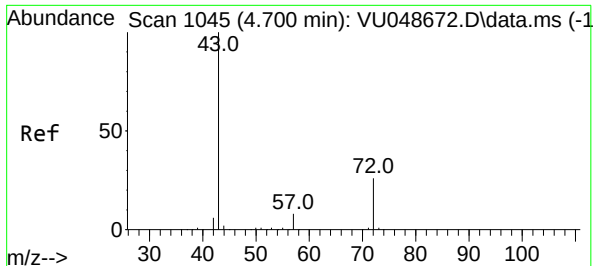
Tgt Ion: 43 Resp: 1749487
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 50.578 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. -0.007 min
 Lab File: VU048971.D
 Acq: 08 Jun 2022 18:39

Tgt Ion: 63 Resp: 232561
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.3
 100 4.2 2.0 5.8





#25

2-Butanone

Concen: 289.897 ug/l

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

Instrument :

MSVOA_U

ClientSampleId :

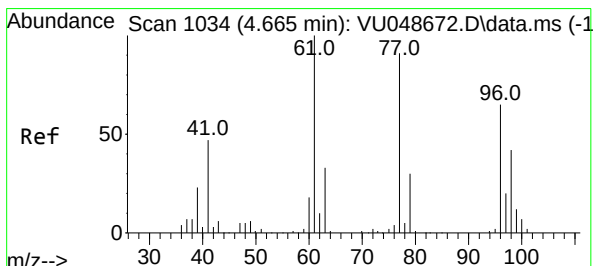
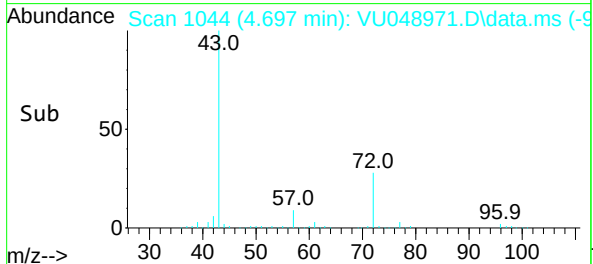
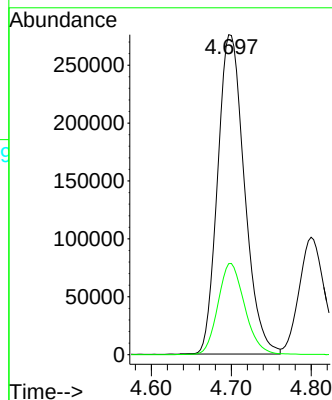
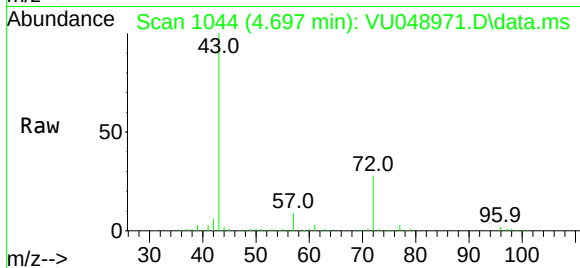
VSTDCCC050EC

Tgt Ion: 43 Resp: 641742

Ion Ratio Lower Upper

43 100

72 28.4 21.1 31.7



#26

2,2-Dichloropropane

Concen: 45.930 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU048971.D

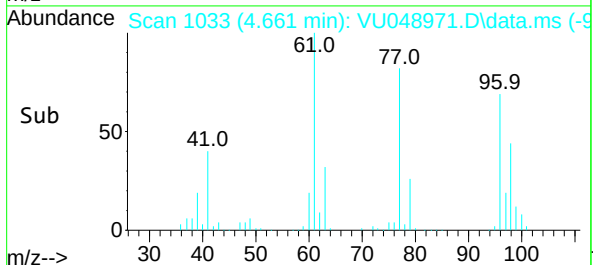
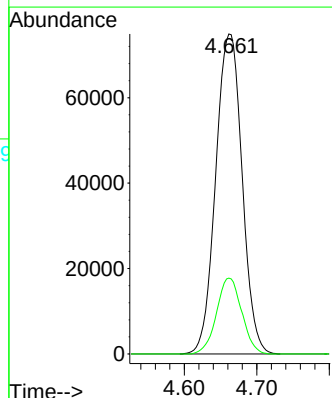
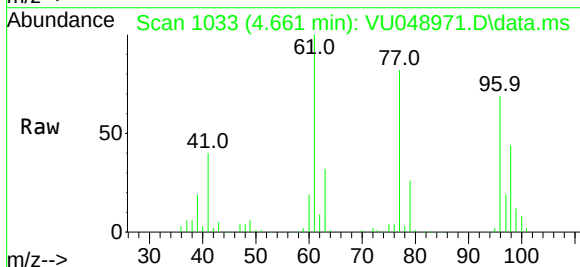
Acq: 08 Jun 2022 18:39

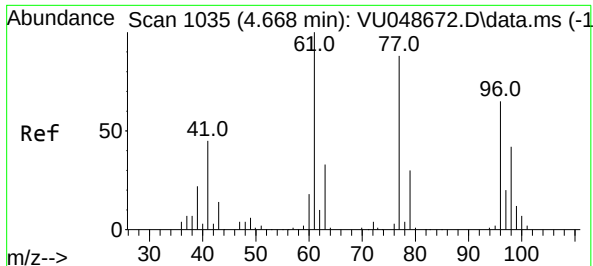
Tgt Ion: 77 Resp: 189468

Ion Ratio Lower Upper

77 100

97 22.6 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 51.911 ug/l

RT: 4.665 min Scan# 1103

Delta R.T. -0.003 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

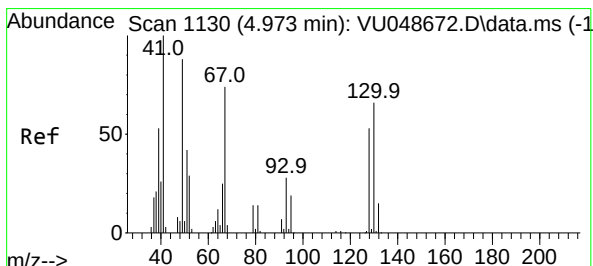
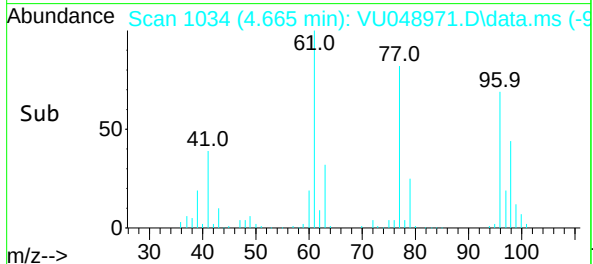
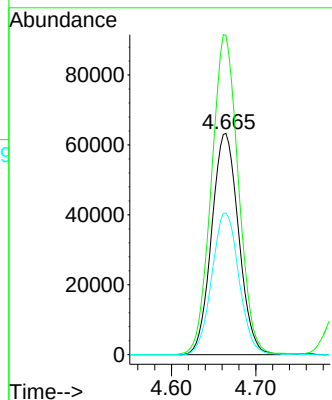
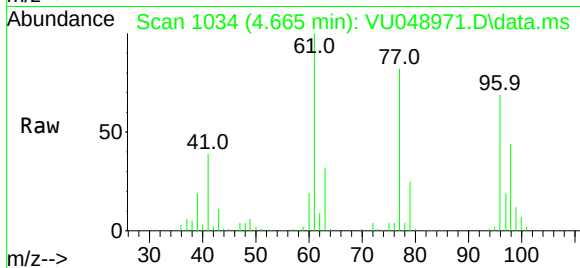
Tgt Ion: 96 Resp: 140843

Ion Ratio Lower Upper

96 100

61 144.5 0.0 306.2

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 53.793 ug/l

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

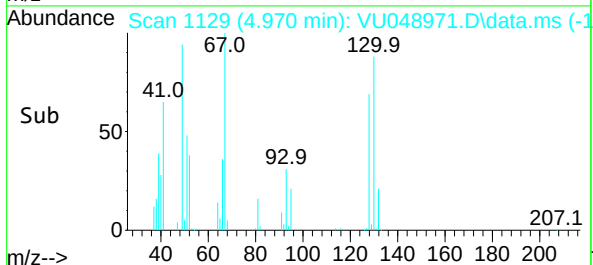
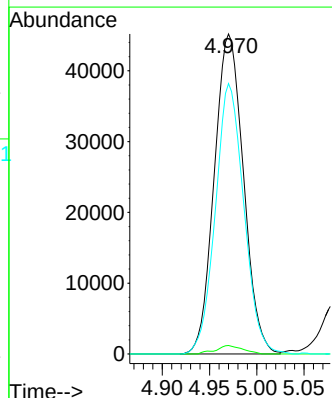
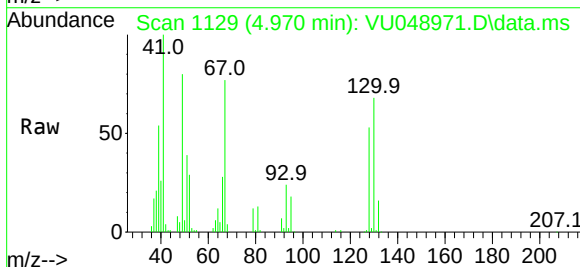
Tgt Ion: 49 Resp: 97017

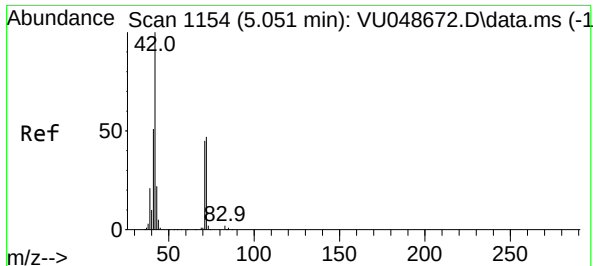
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.0

130 82.6 62.1 93.1





#29

Tetrahydrofuran

Concen: 283.132 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. -0.003 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

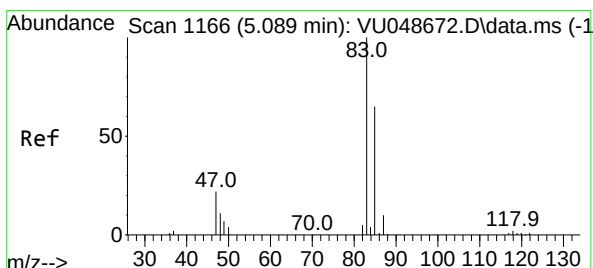
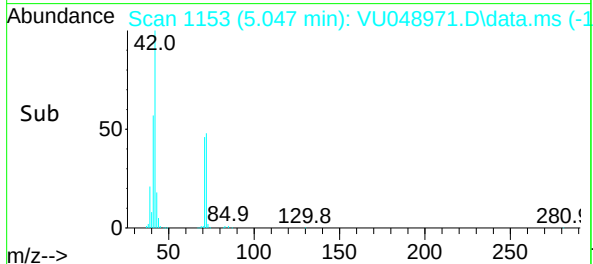
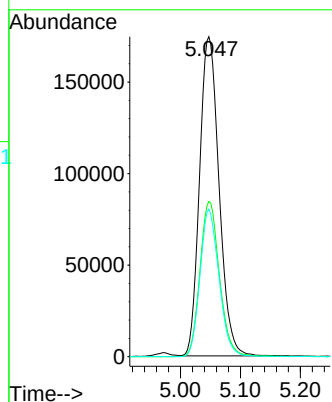
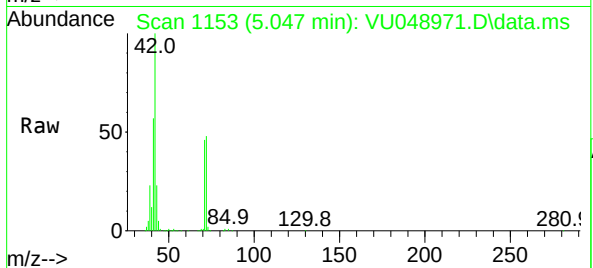
Tgt Ion: 42 Resp: 394795

Ion Ratio Lower Upper

42 100

72 48.6 37.6 56.4

71 44.9 35.0 52.4



#30

Chloroform

Concen: 52.982 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU048971.D

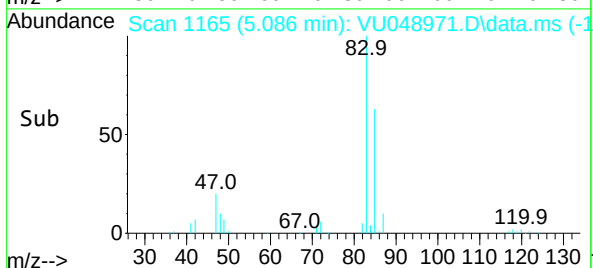
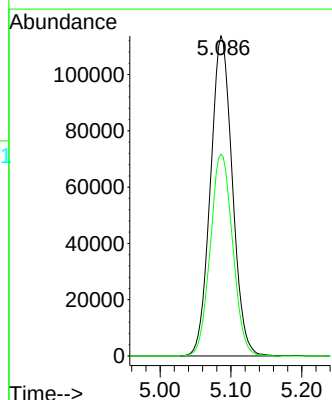
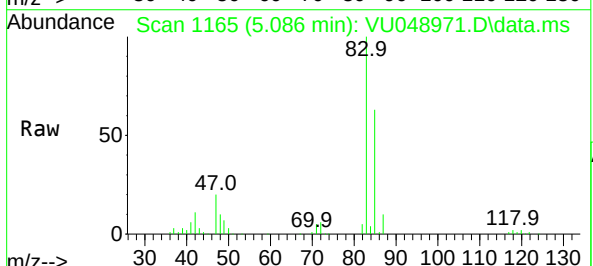
Acq: 08 Jun 2022 18:39

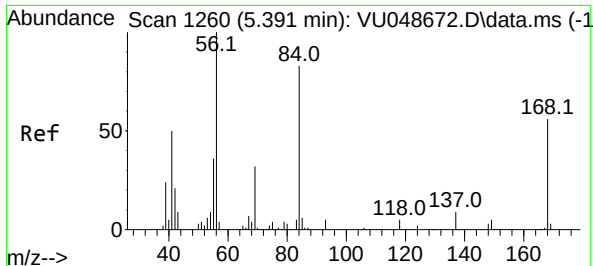
Tgt Ion: 83 Resp: 243755

Ion Ratio Lower Upper

83 100

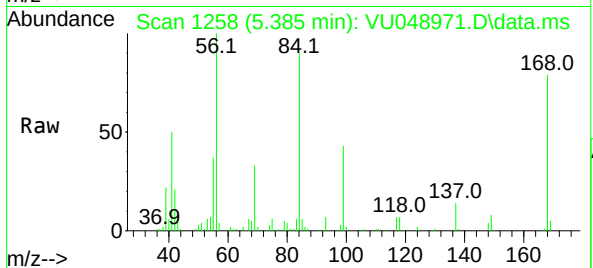
85 63.0 52.2 78.2



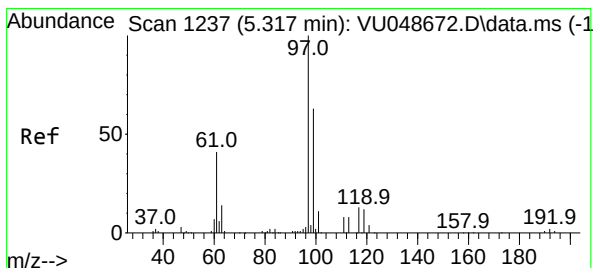
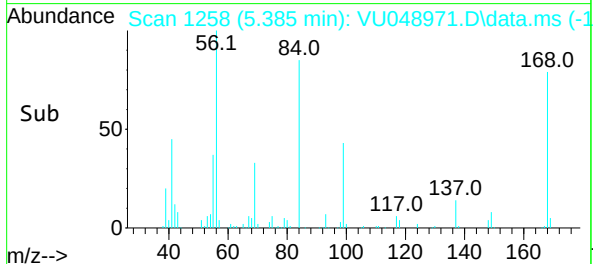
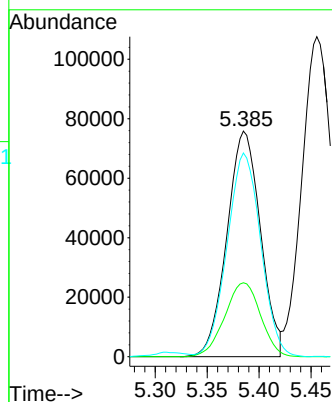


#31
Cyclohexane
Concen: 44.675 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.007 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

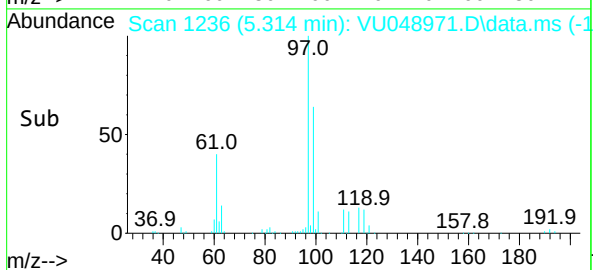
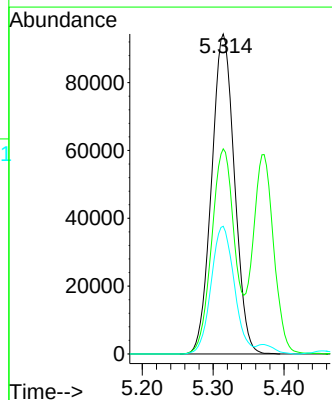
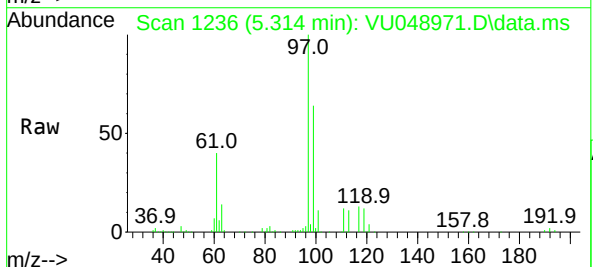


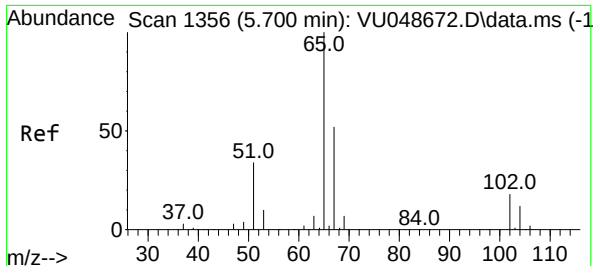
Tgt Ion: 56 Resp: 170235
Ion Ratio Lower Upper
56 100
69 32.5 25.6 38.4
84 88.7 66.2 99.4



#32
1,1,1-Trichloroethane
Concen: 50.723 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. -0.003 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion: 97 Resp: 211717
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 40.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 51.002 ug/l

RT: 5.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

Instrument :

MSVOA_U

ClientSampleId :

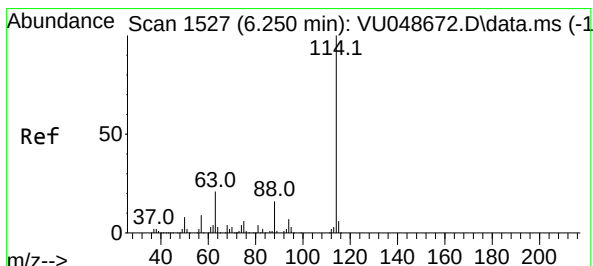
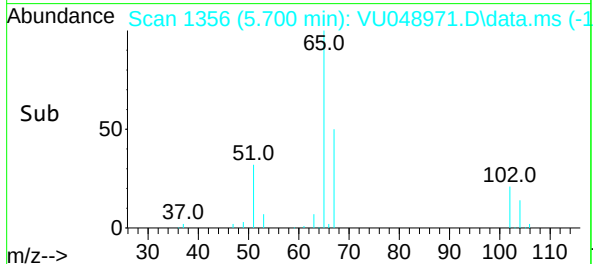
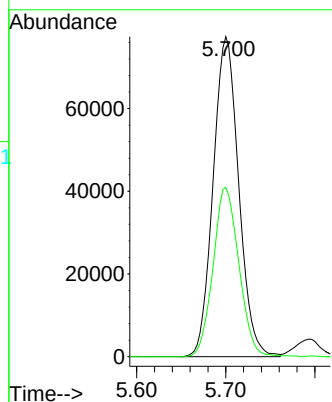
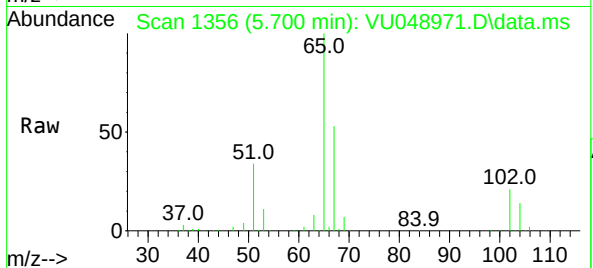
VSTDCCC050EC

Tgt Ion: 65 Resp: 154211

Ion Ratio Lower Upper

65 100

67 53.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. -0.003 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

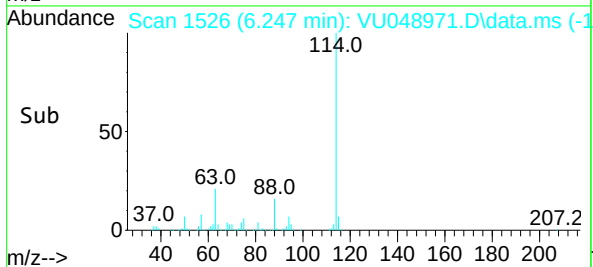
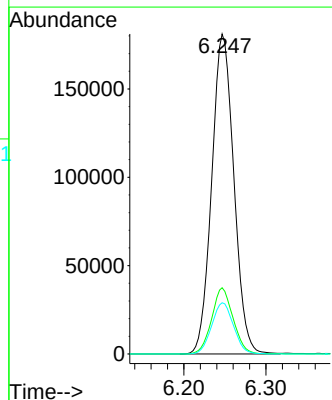
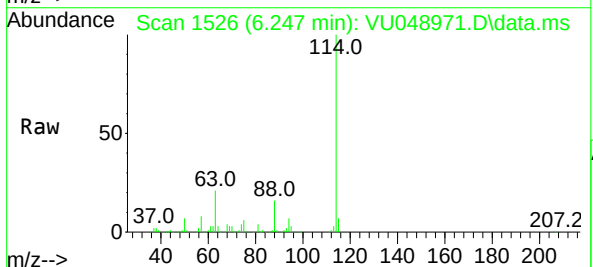
Tgt Ion: 114 Resp: 340052

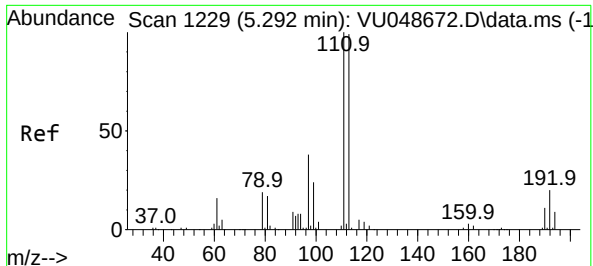
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

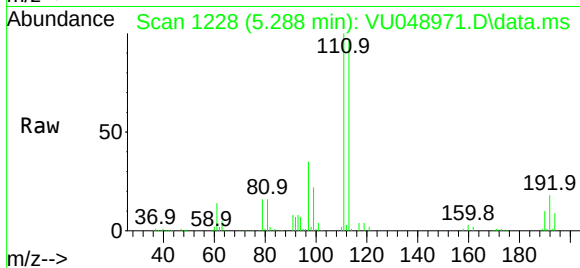
88 16.0 0.0 32.2



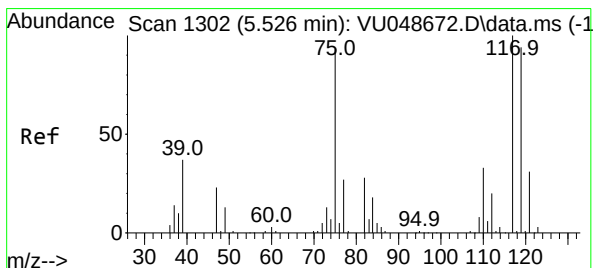
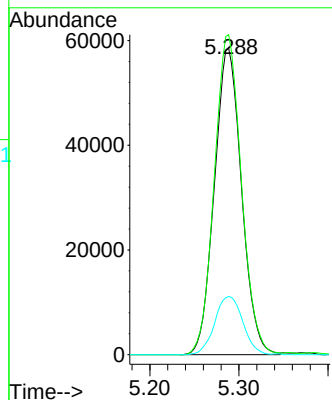
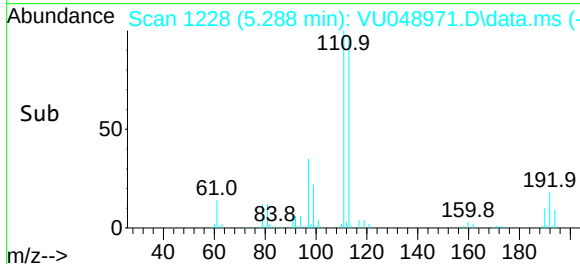


#35
Dibromofluoromethane
Concen: 51.084 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

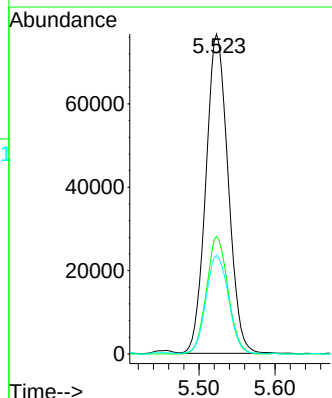
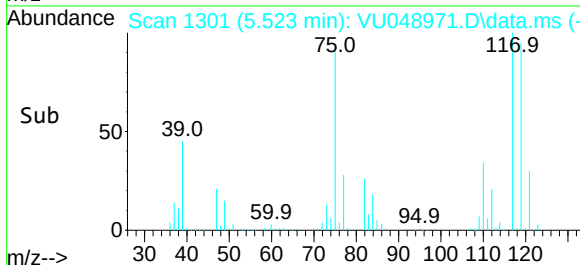
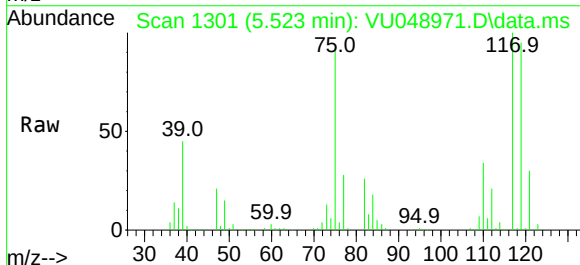


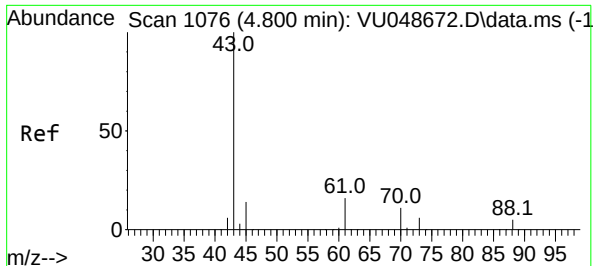
Tgt Ion:113 Resp: 123931
Ion Ratio Lower Upper
113 100
111 104.2 80.7 121.1
192 19.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 44.003 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. -0.003 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion: 75 Resp: 155803
Ion Ratio Lower Upper
75 100
110 35.6 17.4 52.3
77 31.4 24.8 37.2





#37

Ethyl Acetate

Concen: 50.632 ug/l

RT: 4.800 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

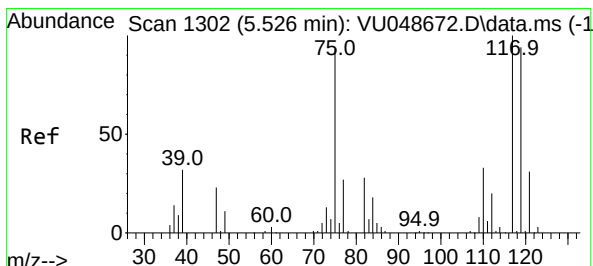
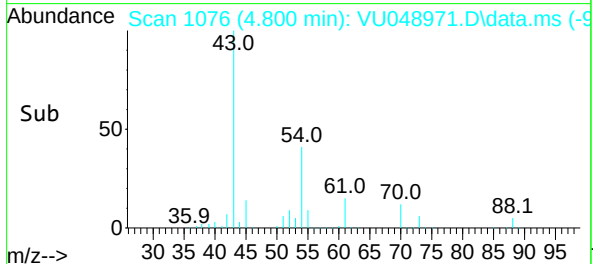
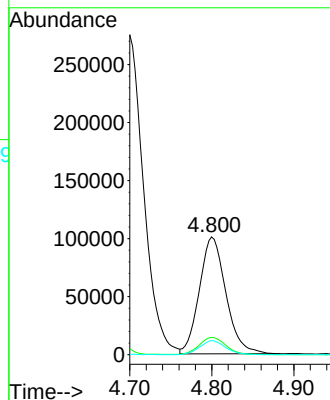
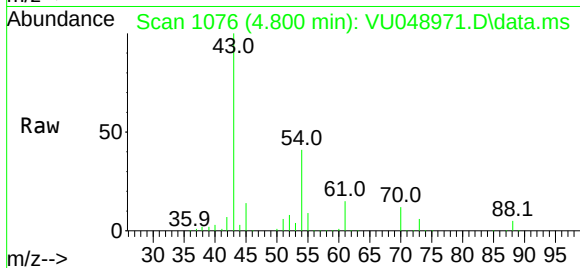
Tgt Ion: 43 Resp: 226633

Ion Ratio Lower Upper

43 100

61 14.7 11.7 17.5

70 11.6 8.4 12.6



#38

Carbon Tetrachloride

Concen: 45.193 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.003 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

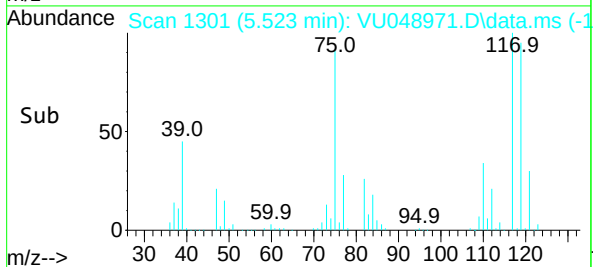
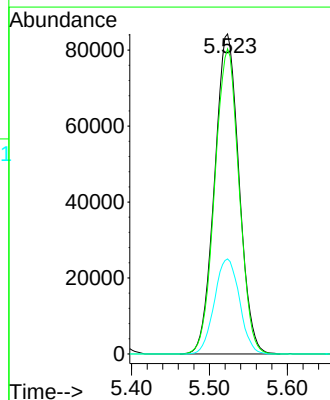
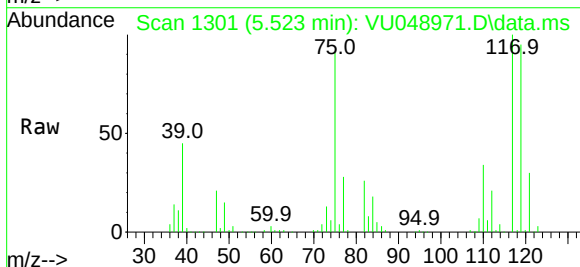
Tgt Ion: 117 Resp: 183579

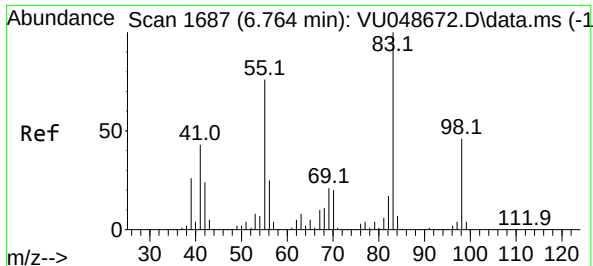
Ion Ratio Lower Upper

117 100

119 95.3 75.4 113.2

121 29.7 24.6 36.8





#39

Methylcyclohexane

Concen: 45.029 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

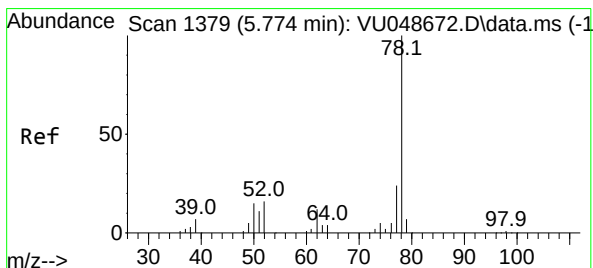
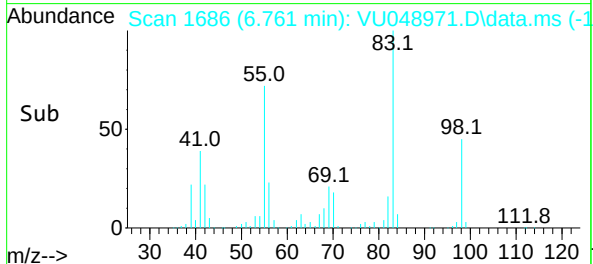
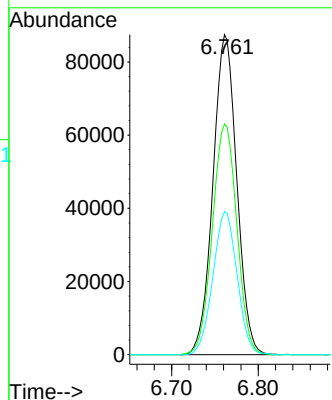
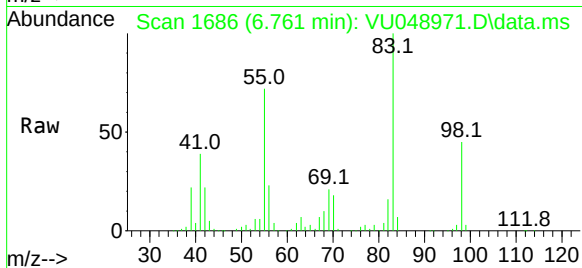
Tgt Ion: 83 Resp: 167171

Ion Ratio Lower Upper

83 100

55 72.1 61.0 91.6

98 44.7 36.8 55.2



#40

Benzene

Concen: 47.074 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. -0.003 min

Lab File: VU048971.D

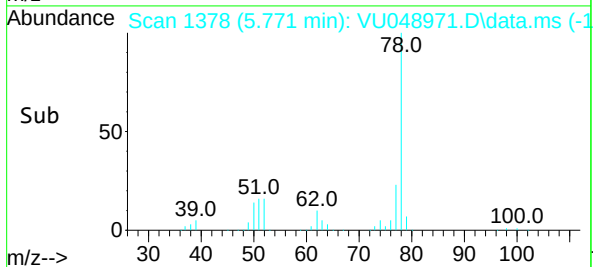
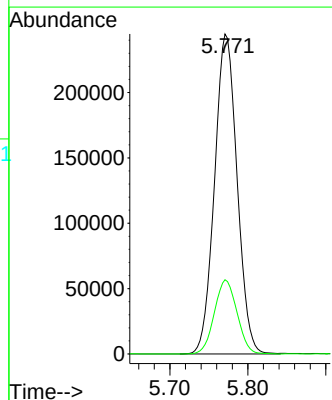
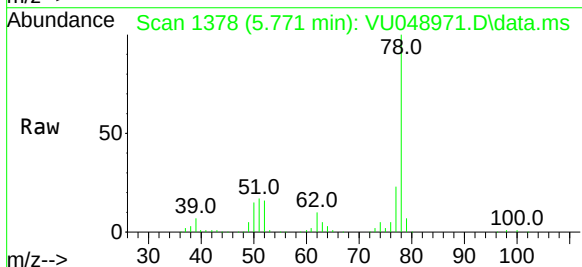
Acq: 08 Jun 2022 18:39

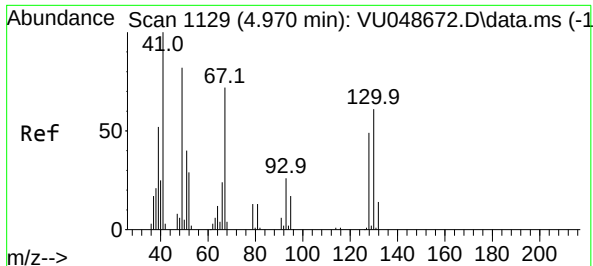
Tgt Ion: 78 Resp: 492077

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6



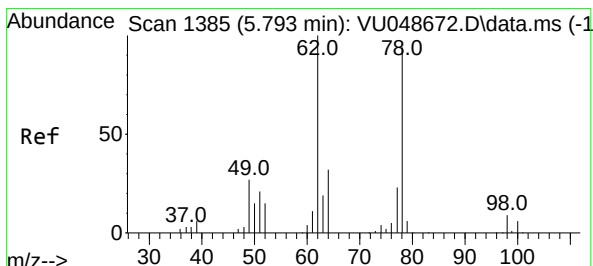
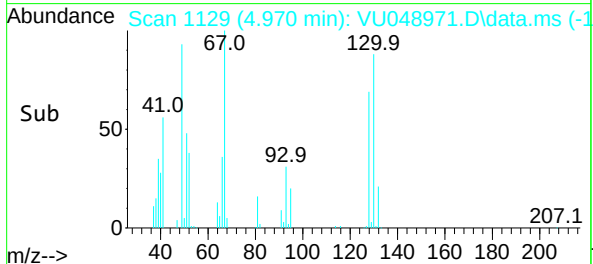
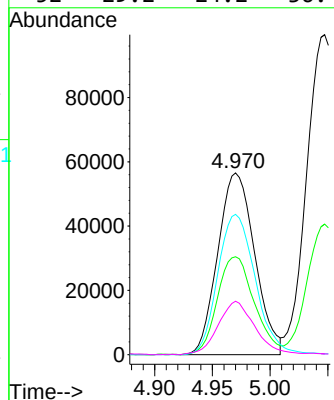
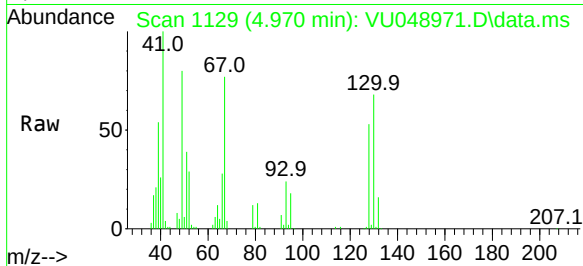


#41
Methacrylonitrile
Concen: 55.665 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 125911

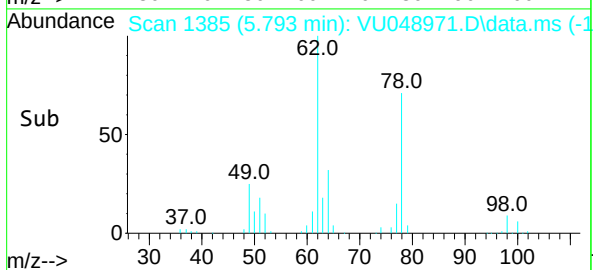
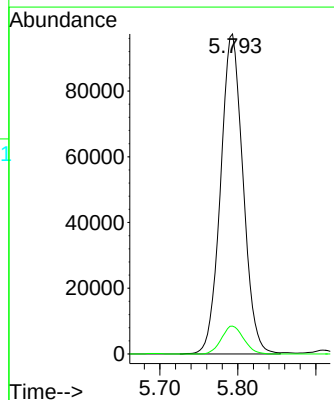
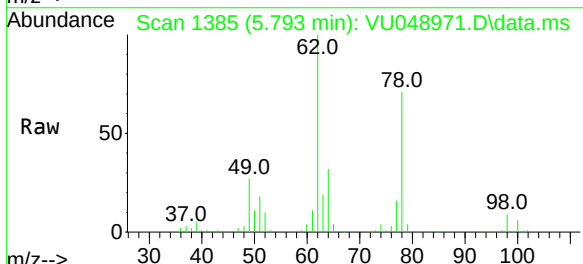
Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.6	64.0
67	78.6	61.0	91.4
52	29.2	24.2	36.4

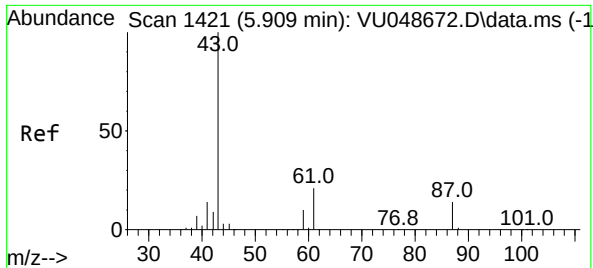


#42
1,2-Dichloroethane
Concen: 47.591 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion: 62 Resp: 194741

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0

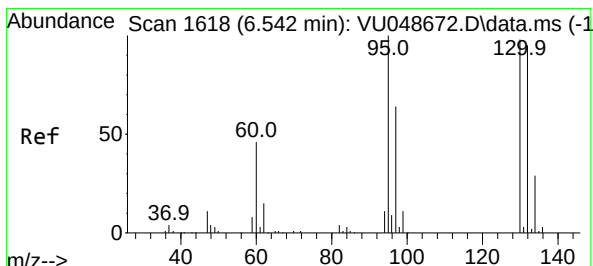
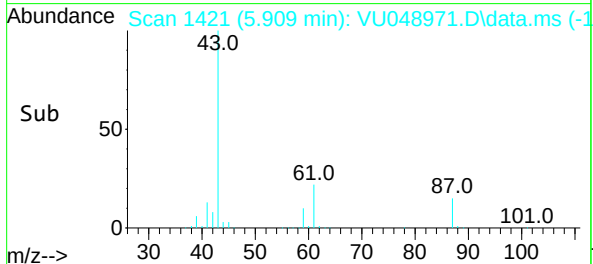
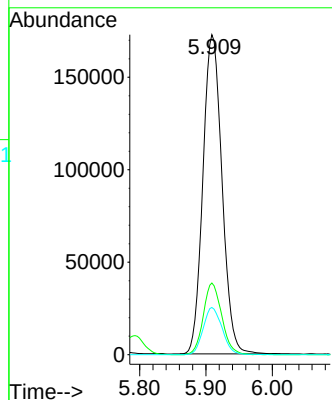
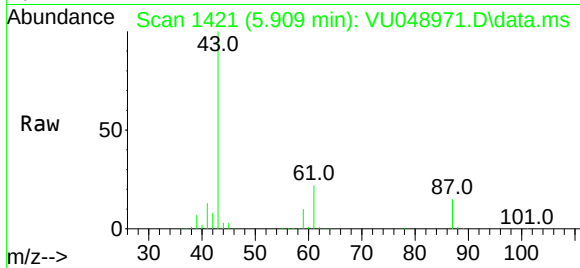




#43
Isopropyl Acetate
Concen: 53.147 ug/l
RT: 5.909 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

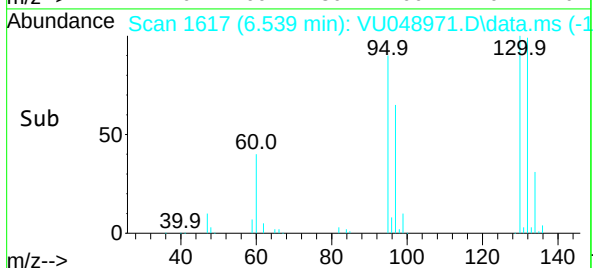
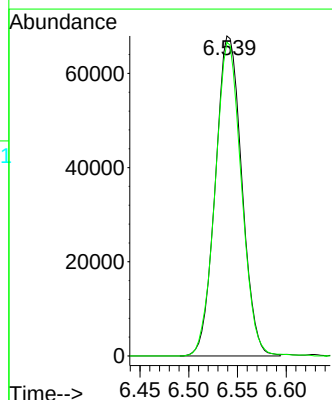
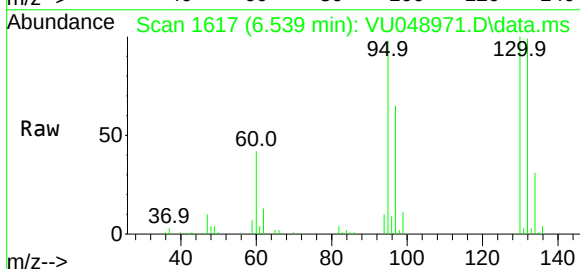
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

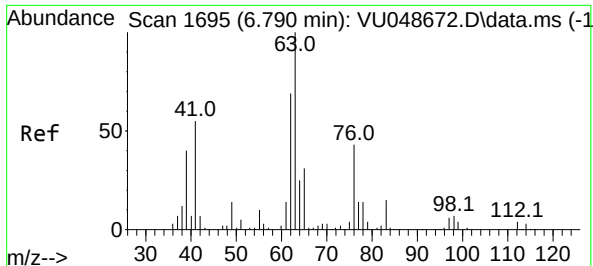
Tgt Ion: 43 Resp: 345278
Ion Ratio Lower Upper
43 100
61 21.7 16.7 25.1
87 14.7 10.9 16.3



#44
Trichloroethene
Concen: 47.566 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion:130 Resp: 128099
Ion Ratio Lower Upper
130 100
95 98.0 0.0 204.8





#45

1,2-Dichloropropane

Concen: 52.998 ug/l

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

Instrument :

MSVOA_U

ClientSampleId :

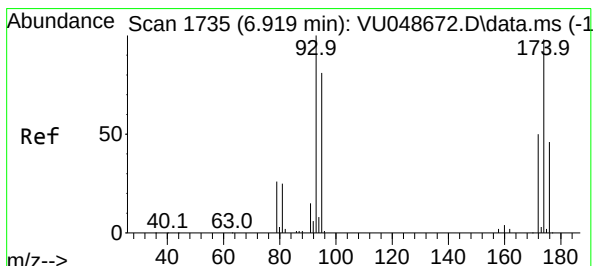
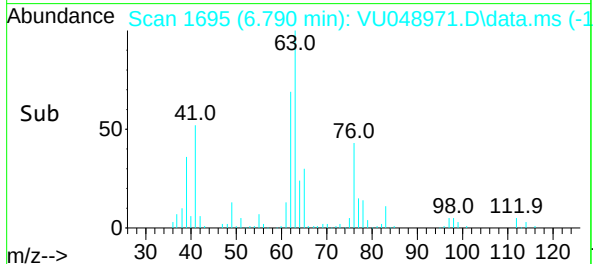
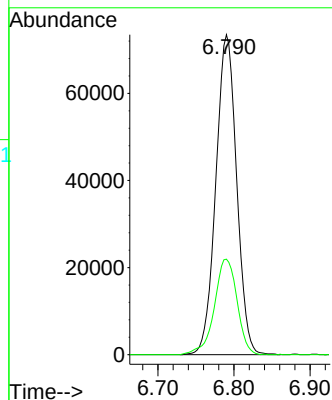
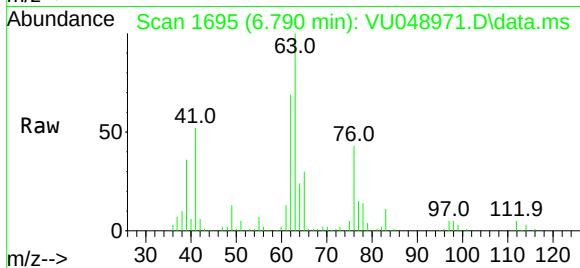
VSTDCCC050EC

Tgt Ion: 63 Resp: 139470

Ion Ratio Lower Upper

63 100

65 29.9 24.8 37.2



#46

Dibromomethane

Concen: 49.775 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. -0.003 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

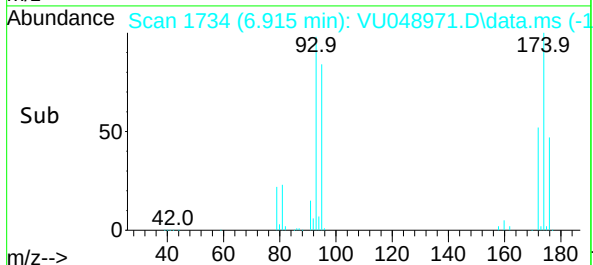
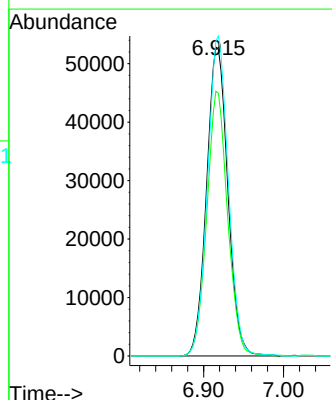
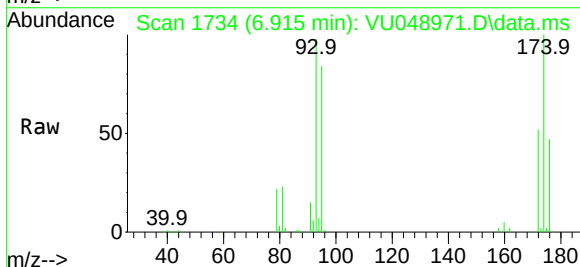
Tgt Ion: 93 Resp: 97863

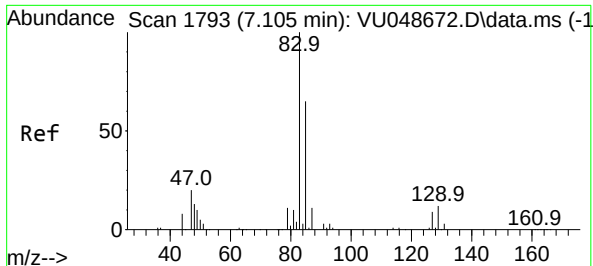
Ion Ratio Lower Upper

93 100

95 83.6 65.1 97.7

174 101.6 77.8 116.6





#47

Bromodichloromethane

Concen: 48.623 ug/l

RT: 7.105 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

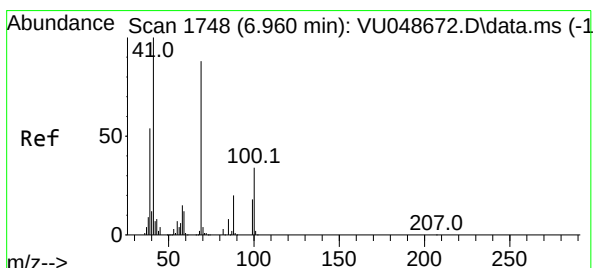
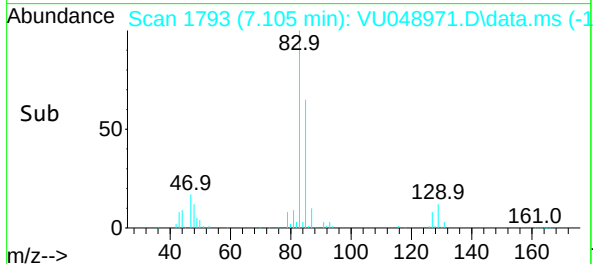
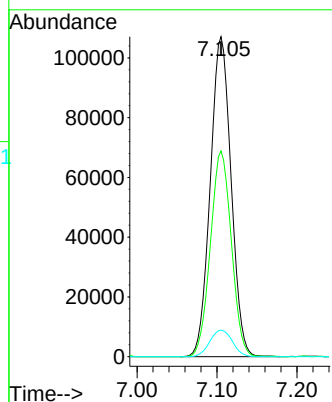
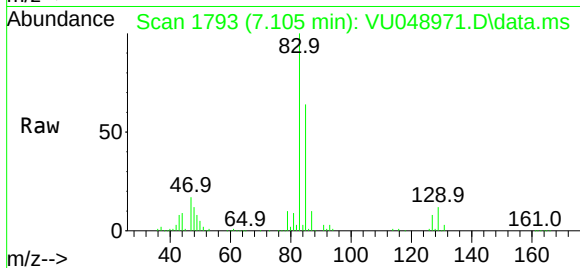
Tgt Ion: 83 Resp: 193325

Ion Ratio Lower Upper

83 100

85 64.3 52.1 78.1

127 8.3 6.9 10.3



#48

Methyl methacrylate

Concen: 56.596 ug/l

RT: 6.957 min Scan# 1747

Delta R.T. -0.003 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

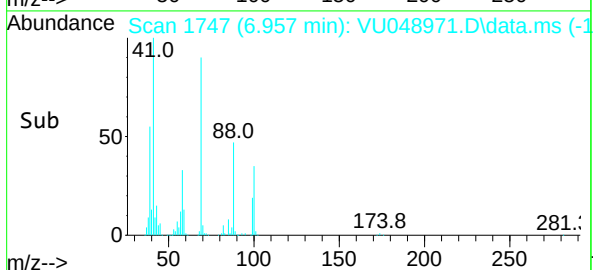
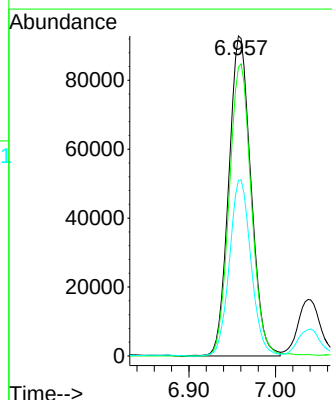
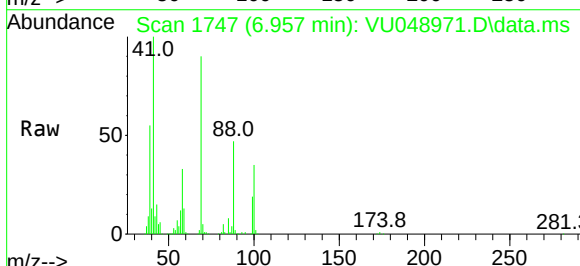
Tgt Ion: 41 Resp: 165062

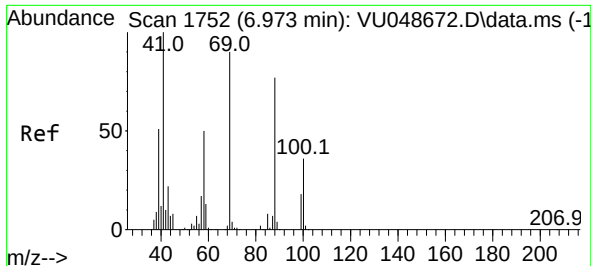
Ion Ratio Lower Upper

41 100

69 91.5 70.7 106.1

39 53.6 43.4 65.2





#49

1,4-Dioxane

Concen: 1540.784 ug/l

RT: 6.964 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

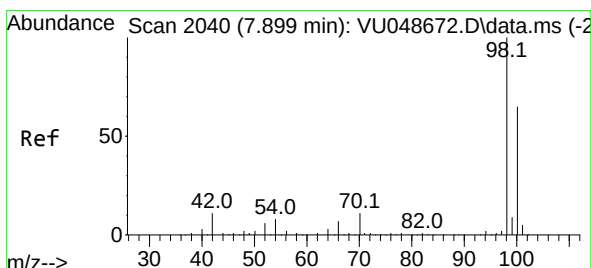
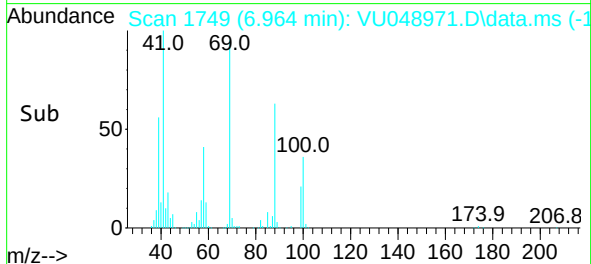
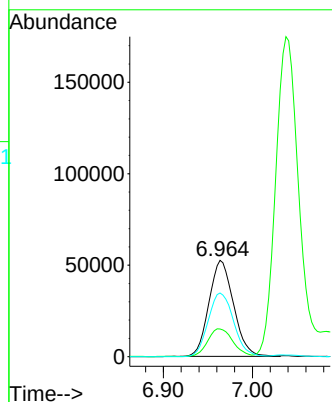
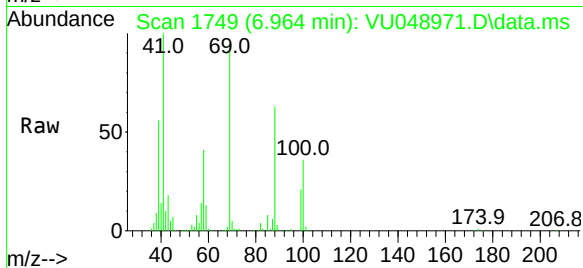
Tgt Ion: 88 Resp: 100454

Ion Ratio Lower Upper

88 100

43 29.4 24.6 36.8

58 68.8 54.7 82.1



#50

Toluene-d8

Concen: 49.969 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. -0.003 min

Lab File: VU048971.D

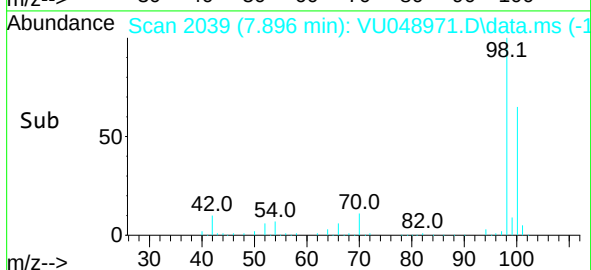
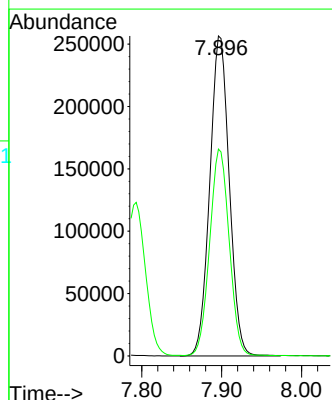
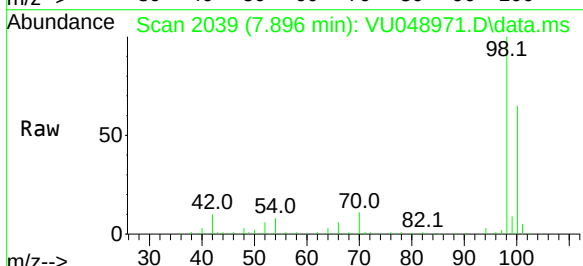
Acq: 08 Jun 2022 18:39

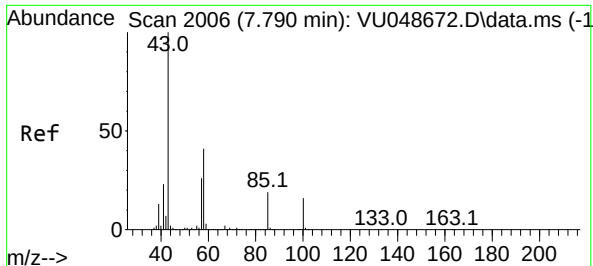
Tgt Ion: 98 Resp: 434545

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 310.572 ug/l

RT: 7.793 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

Instrument :

MSVOA_U

ClientSampleId :

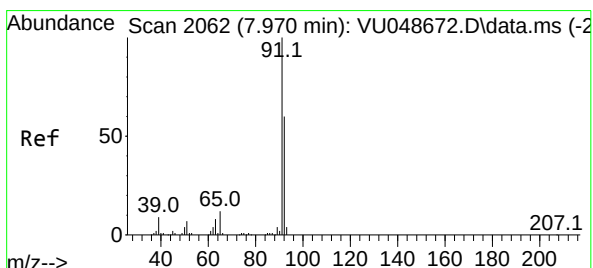
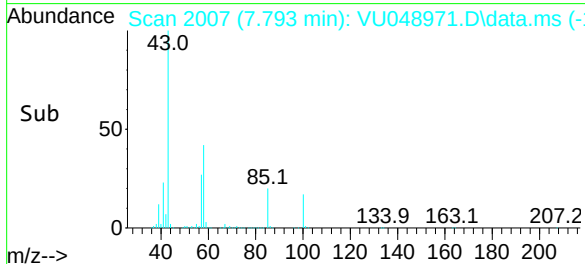
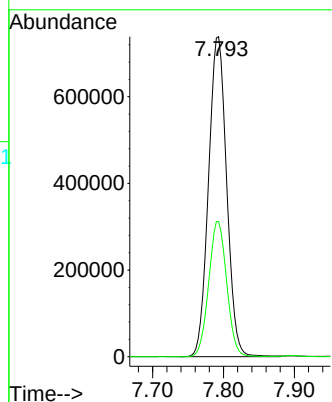
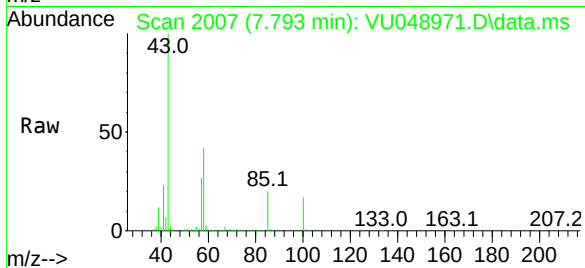
VSTDCCC050EC

Tgt Ion: 43 Resp: 1310131

Ion Ratio Lower Upper

43 100

58 41.9 32.7 49.1



#52

Toluene

Concen: 50.739 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048971.D

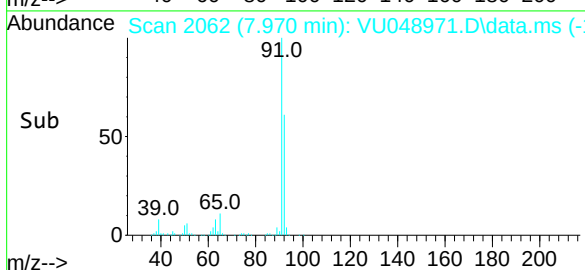
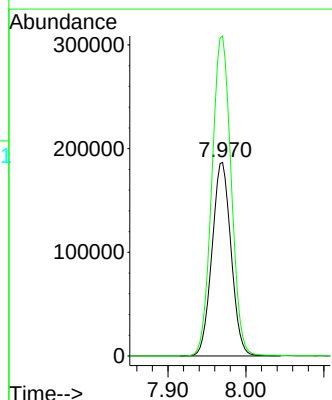
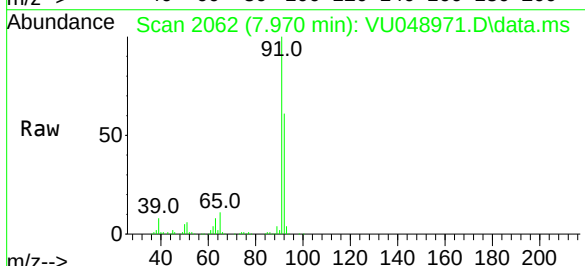
Acq: 08 Jun 2022 18:39

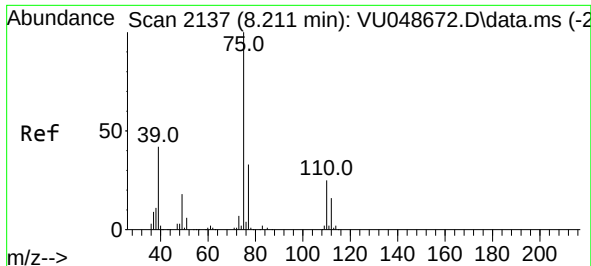
Tgt Ion: 92 Resp: 317248

Ion Ratio Lower Upper

92 100

91 167.4 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 50.447 ug/l

RT: 8.208 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

Instrument :

MSVOA_U

ClientSampleId :

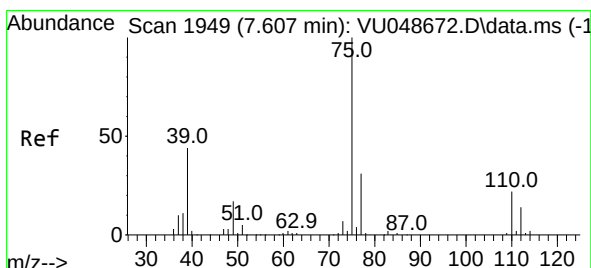
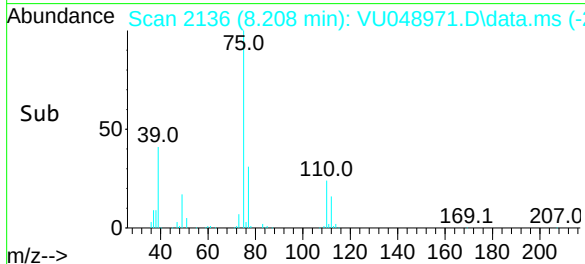
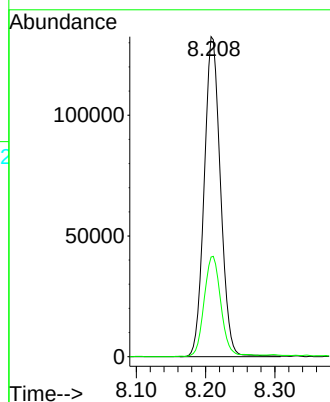
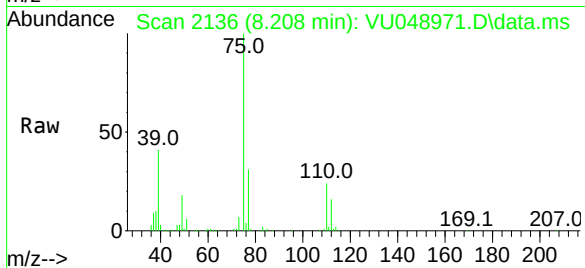
VSTDCCC050EC

Tgt Ion: 75 Resp: 216367

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 50.363 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

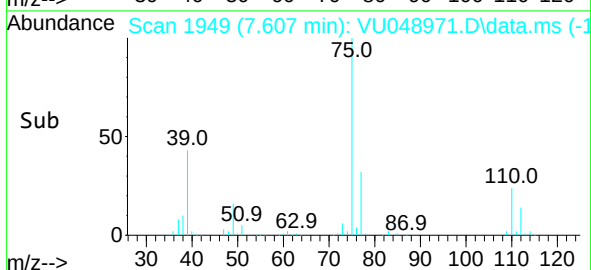
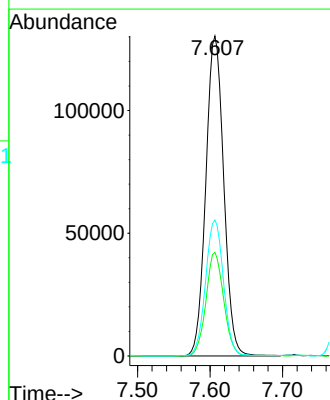
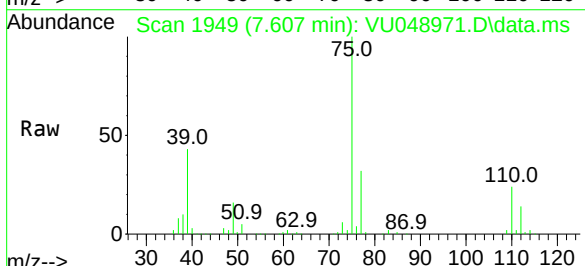
Tgt Ion: 75 Resp: 223836

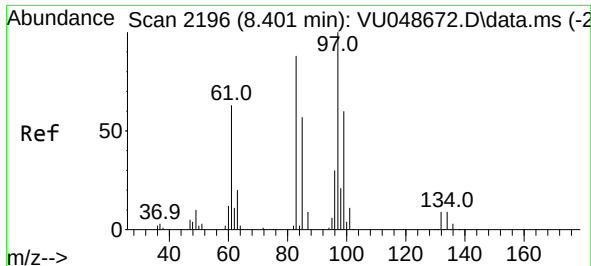
Ion Ratio Lower Upper

75 100

77 32.4 24.9 37.3

39 42.4 35.2 52.8



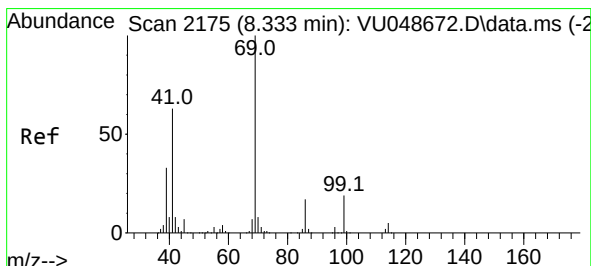
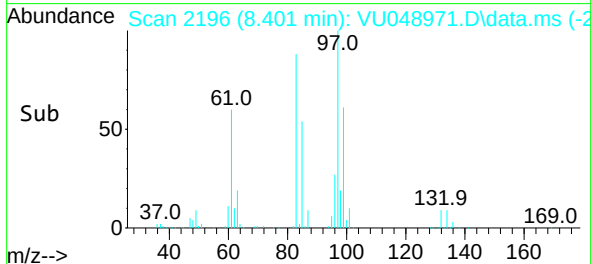
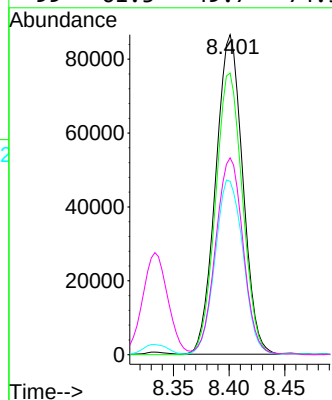
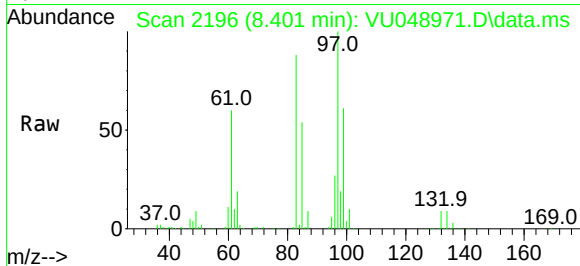


#55
1,1,2-Trichloroethane
Concen: 52.975 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 146185

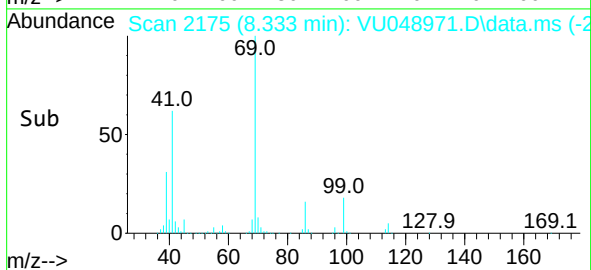
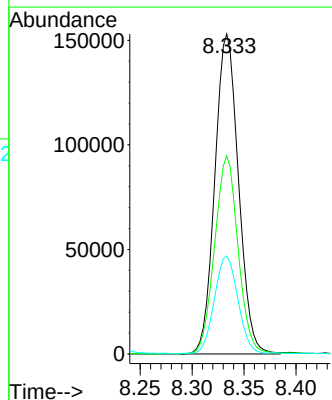
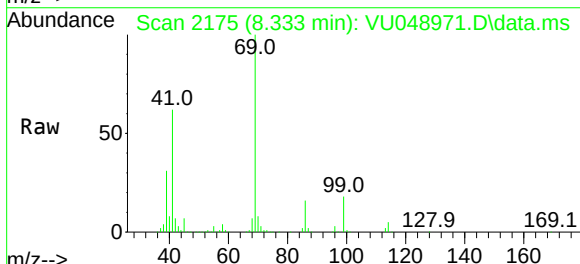
Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.2	105.4
85	54.1	45.6	68.4
99	61.3	49.7	74.5

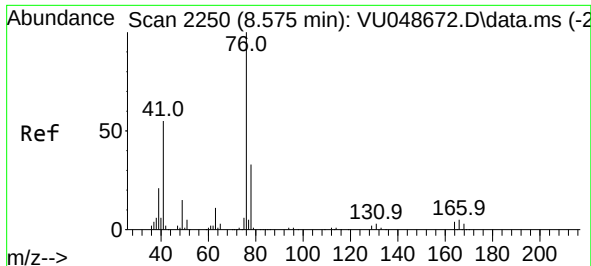


#56
Ethyl methacrylate
Concen: 55.170 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion: 69 Resp: 241815

Ion	Ratio	Lower	Upper
69	100		
41	61.6	50.6	76.0
39	30.4	26.6	40.0





#57

1,3-Dichloropropane

Concen: 50.376 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

Instrument :

MSVOA_U

ClientSampleId :

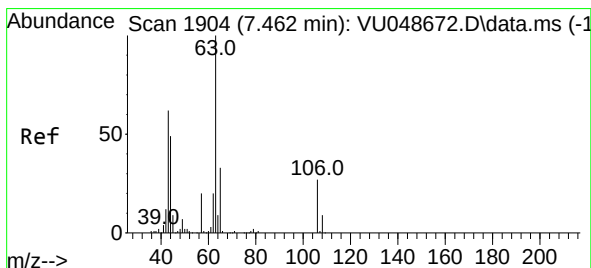
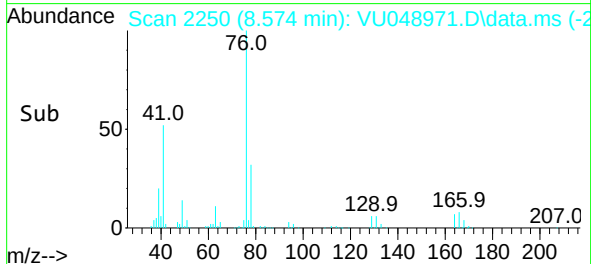
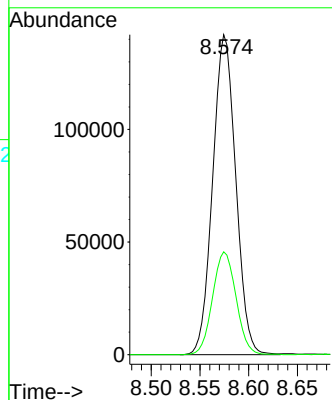
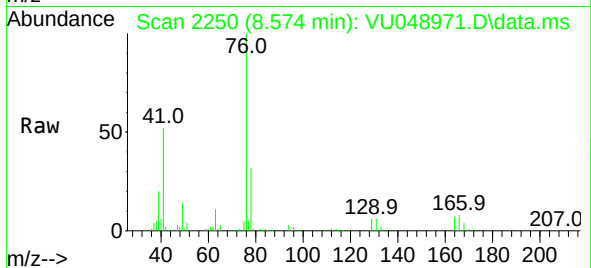
VSTDCCC050EC

Tgt Ion: 76 Resp: 233965

Ion Ratio Lower Upper

76 100

78 32.7 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 283.171 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VU048971.D

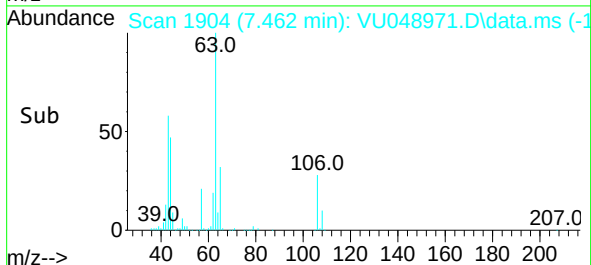
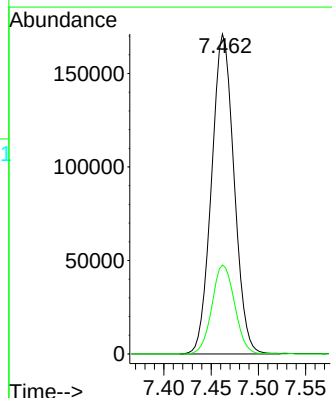
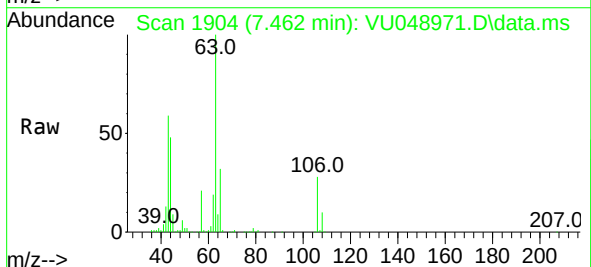
Acq: 08 Jun 2022 18:39

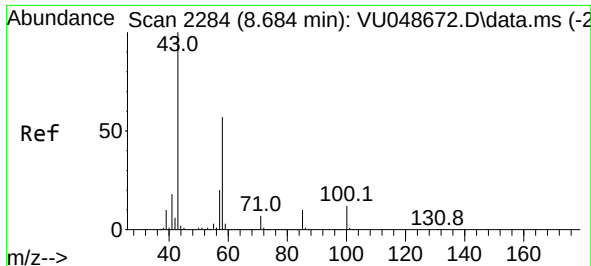
Tgt Ion: 63 Resp: 283615

Ion Ratio Lower Upper

63 100

106 28.1 22.2 33.2





#59

2-Hexanone

Concen: 298.397 ug/l

RT: 8.684 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

Instrument :

MSVOA_U

ClientSampleId :

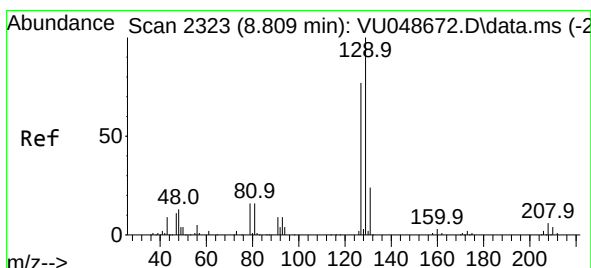
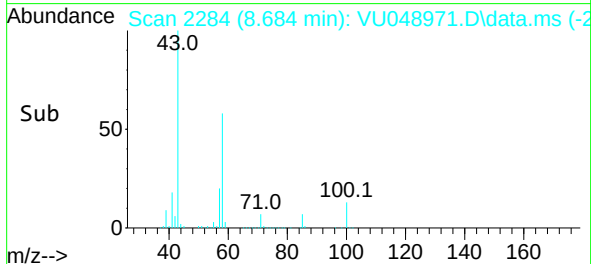
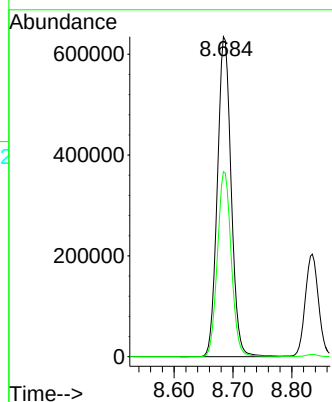
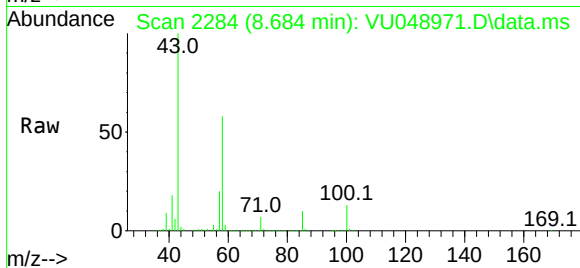
VSTDCCC050EC

Tgt Ion: 43 Resp: 1033415

Ion Ratio Lower Upper

43 100

58 58.3 28.2 84.6



#60

Dibromochloromethane

Concen: 50.751 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. -0.000 min

Lab File: VU048971.D

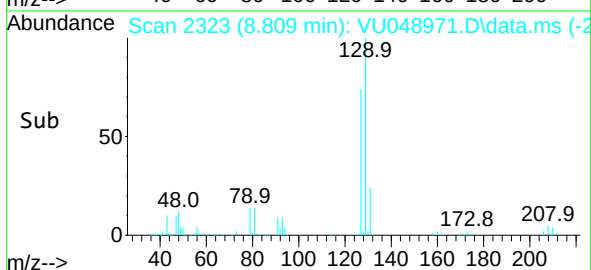
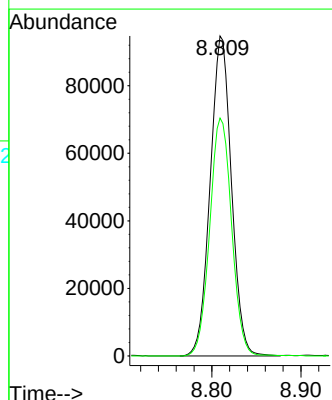
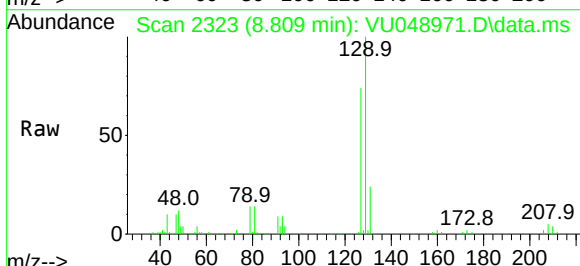
Acq: 08 Jun 2022 18:39

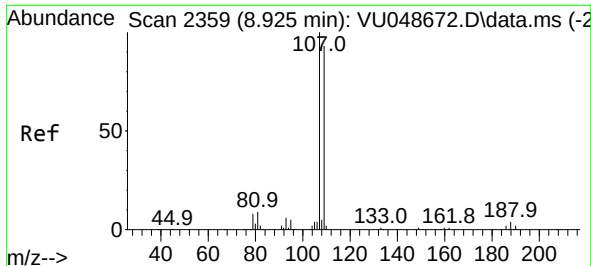
Tgt Ion:129 Resp: 156985

Ion Ratio Lower Upper

129 100

127 76.6 38.5 115.3

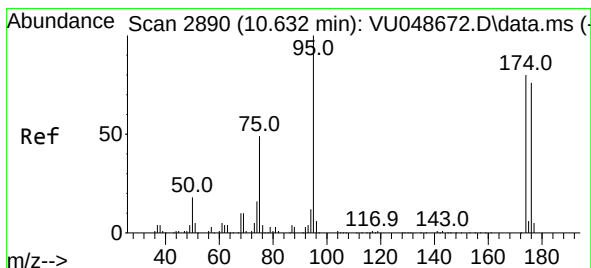
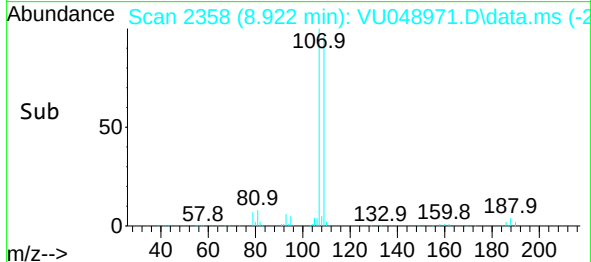
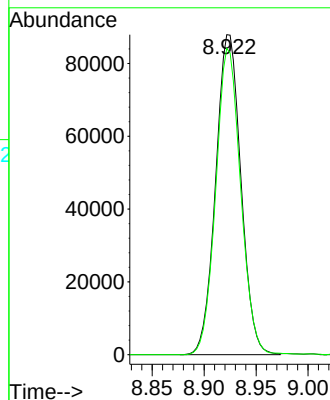
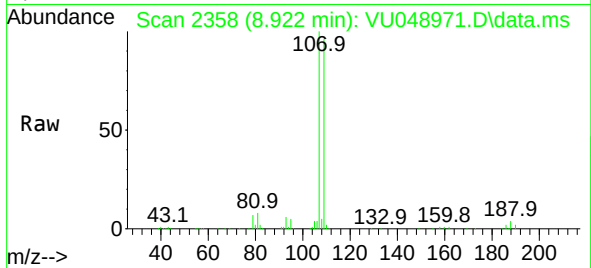




#61
1,2-Dibromoethane
Concen: 48.864 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

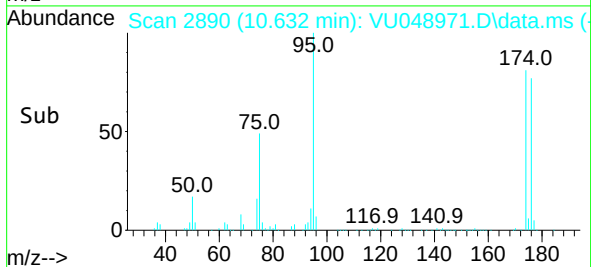
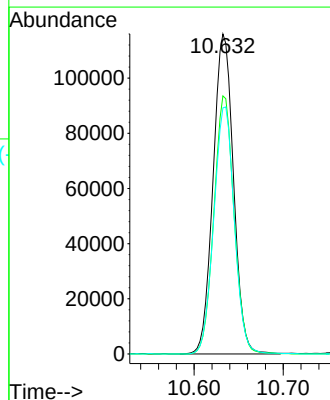
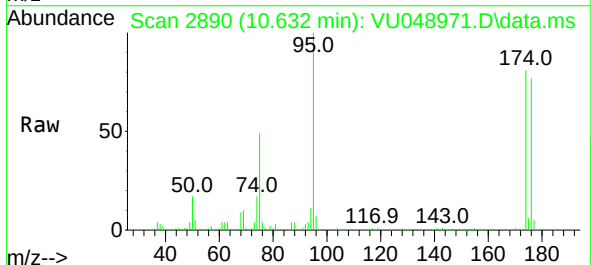
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

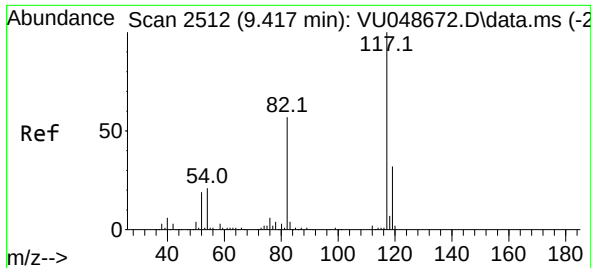
Tgt Ion:107 Resp: 148498
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 56.121 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion: 95 Resp: 184576
Ion Ratio Lower Upper
95 100
174 79.8 0.0 159.4
176 77.9 0.0 152.4

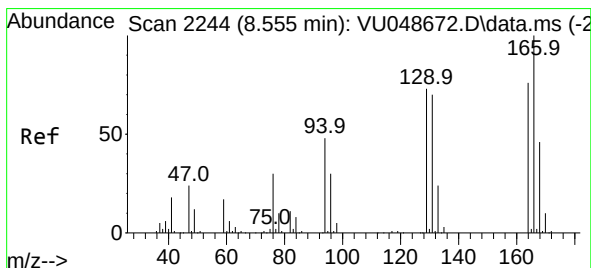
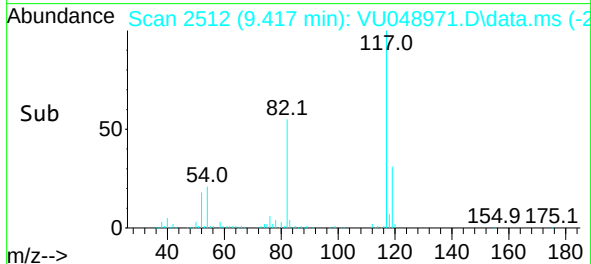
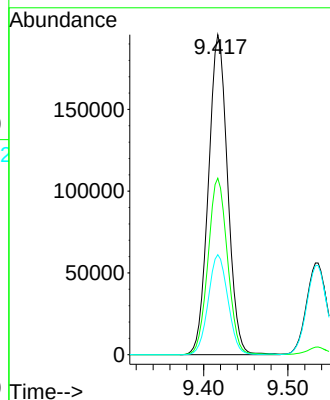
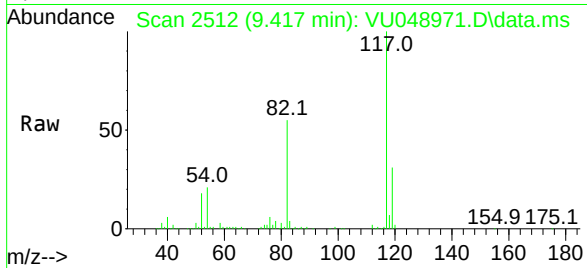




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

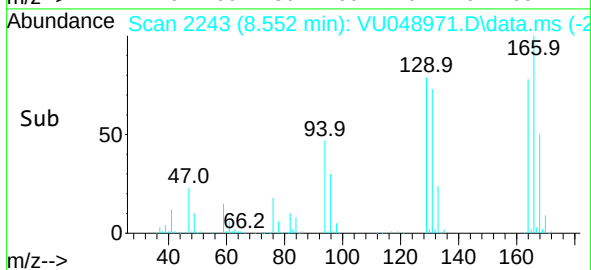
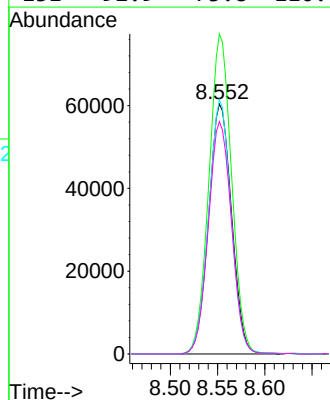
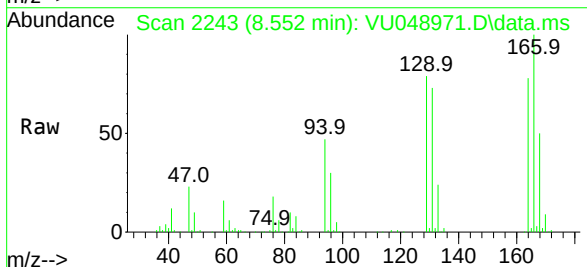
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

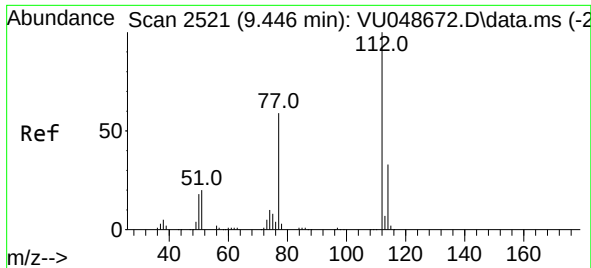
Tgt Ion:117 Resp: 310276
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 31.2 25.4 38.2



#64
Tetrachloroethene
Concen: 47.283 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion:164 Resp: 102003
Ion Ratio Lower Upper
164 100
166 127.9 105.0 157.4
129 101.7 76.5 114.7
131 92.9 73.8 110.6

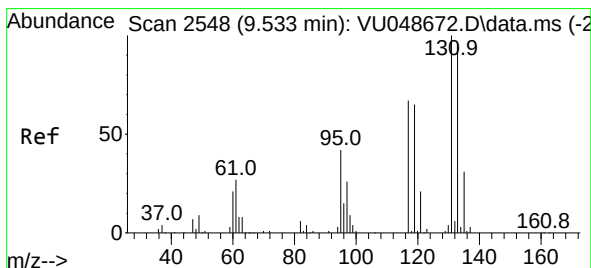
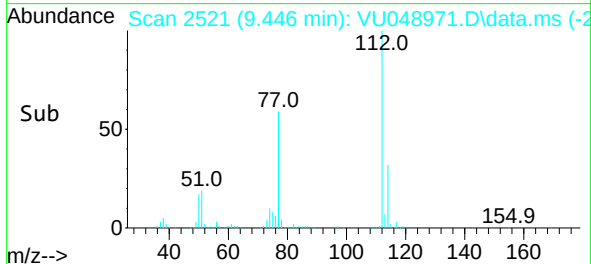
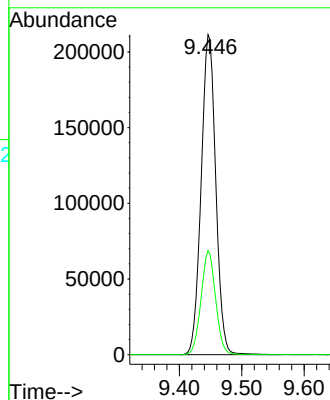
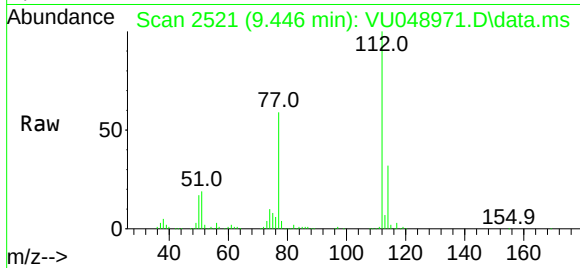




#65
Chlorobenzene
Concen: 52.464 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

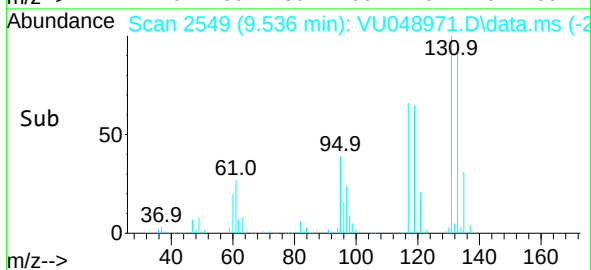
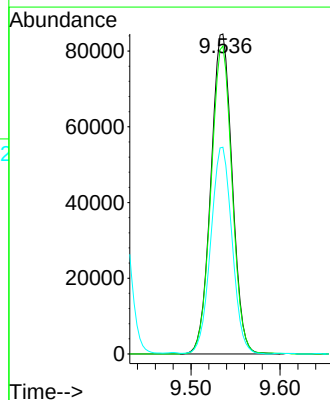
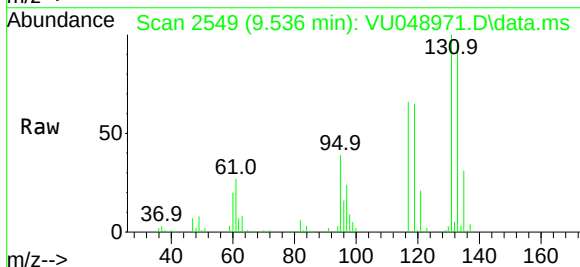
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

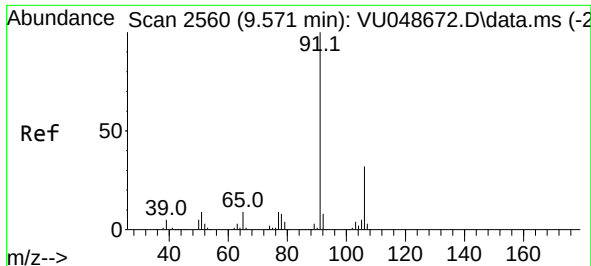
Tgt Ion:112 Resp: 344290
Ion Ratio Lower Upper
112 100
114 32.5 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 56.274 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion:131 Resp: 140173
Ion Ratio Lower Upper
131 100
133 95.1 48.5 145.5
119 64.7 32.7 98.1





#67

Ethyl Benzene

Concen: 54.149 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

Instrument :

MSVOA_U

ClientSampleId :

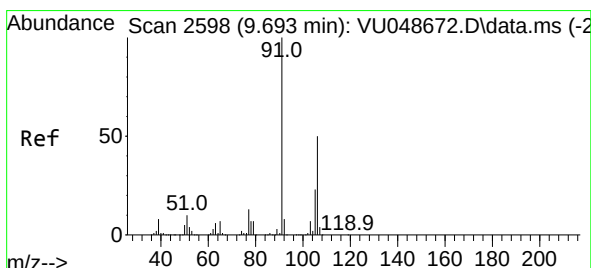
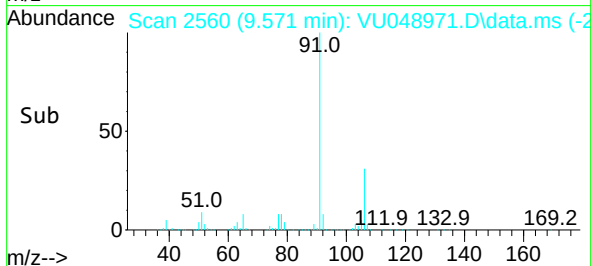
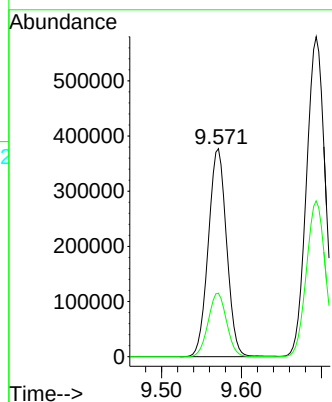
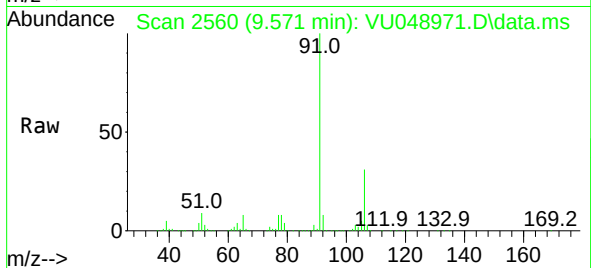
VSTDCCC050EC

Tgt Ion: 91 Resp: 599326

Ion Ratio Lower Upper

91 100

106 30.5 25.4 38.2



#68

m/p-Xylenes

Concen: 107.681 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU048971.D

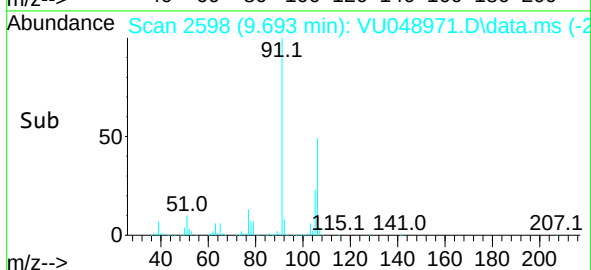
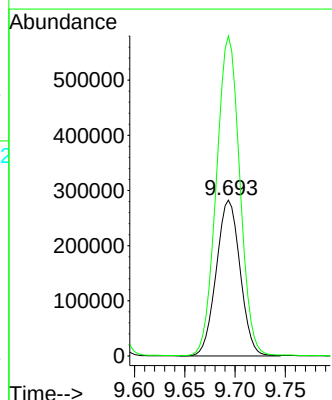
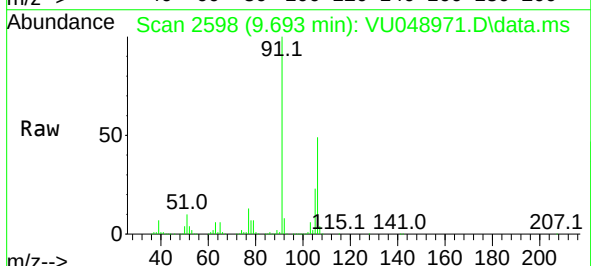
Acq: 08 Jun 2022 18:39

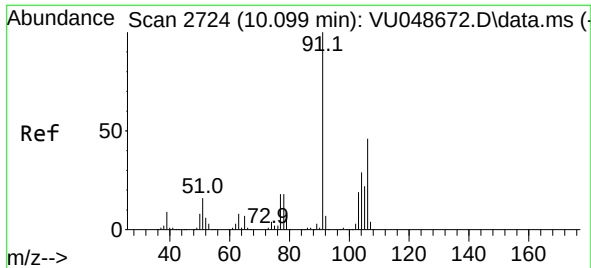
Tgt Ion: 106 Resp: 466135

Ion Ratio Lower Upper

106 100

91 202.2 162.4 243.6

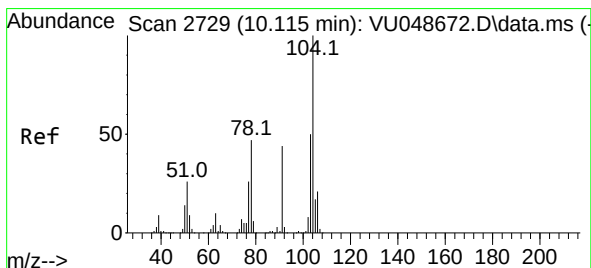
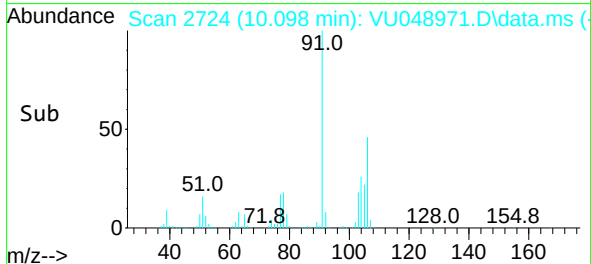
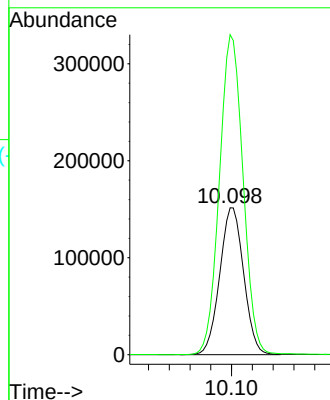
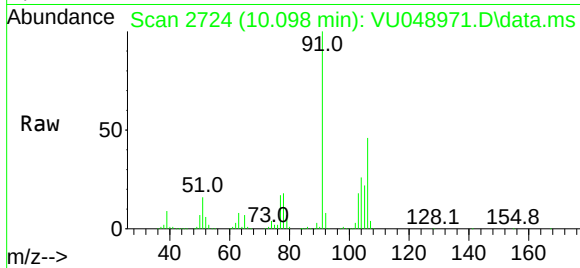




#69
o-Xylene
Concen: 56.879 ug/l
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

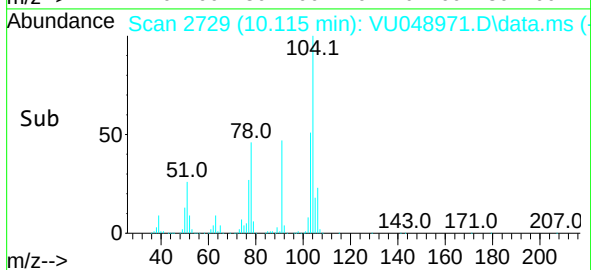
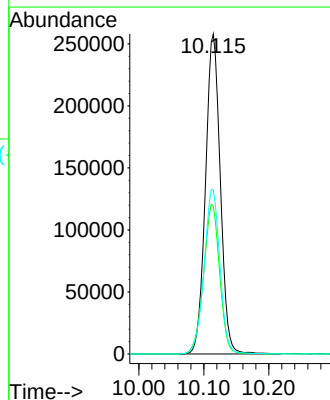
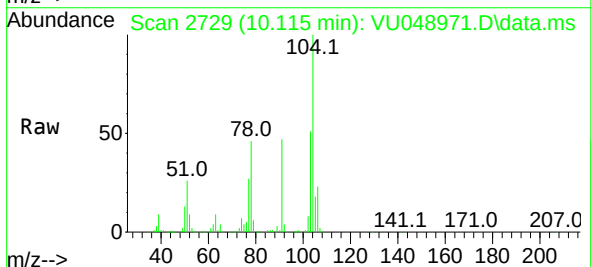
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

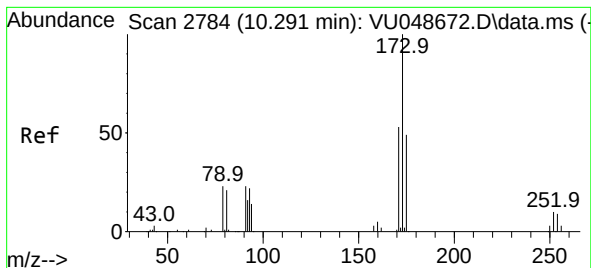
Tgt Ion:106 Resp: 241899
Ion Ratio Lower Upper
106 100
91 216.4 107.7 323.3



#70
Styrene
Concen: 58.718 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion:104 Resp: 410752
Ion Ratio Lower Upper
104 100
78 50.6 41.2 61.8
103 54.8 43.4 65.2





#71

Bromoform

Concen: 60.829 ug/l

RT: 10.291 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

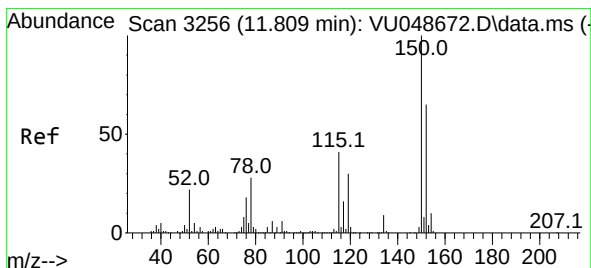
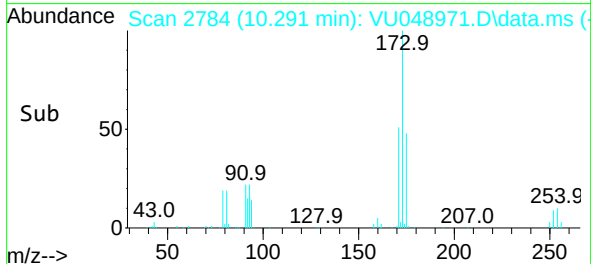
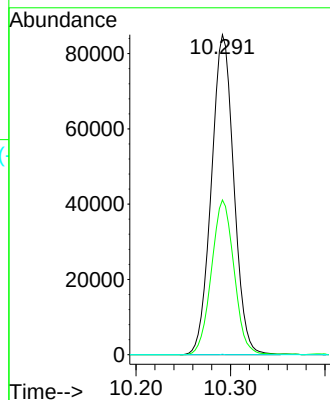
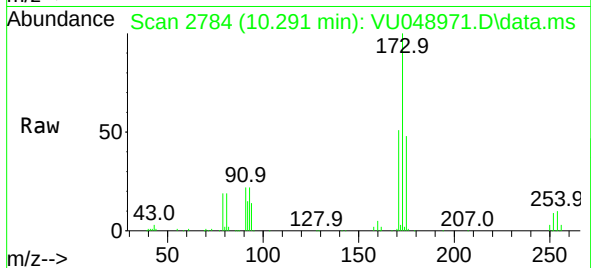
Tgt Ion:173 Resp: 140094

Ion Ratio Lower Upper

173 100

175 48.8 24.5 73.5

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.003 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

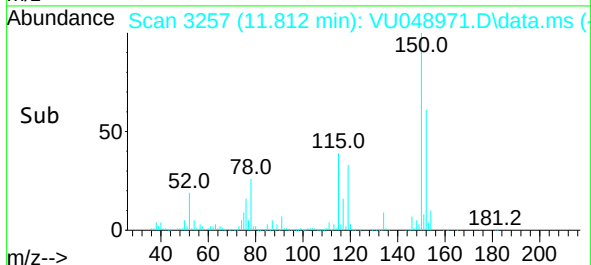
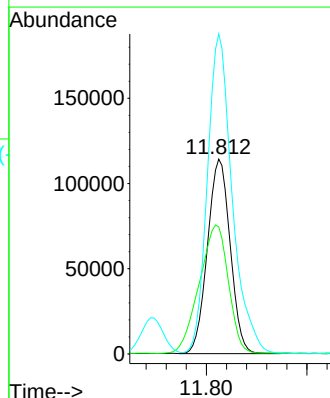
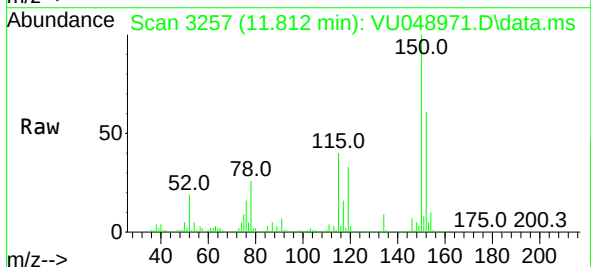
Tgt Ion:152 Resp: 179344

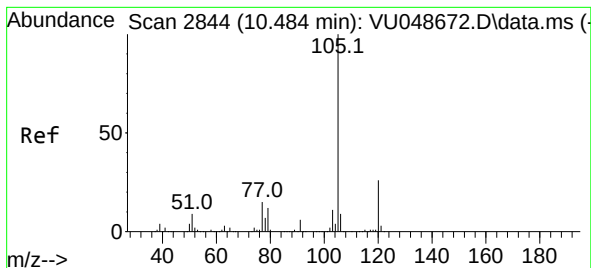
Ion Ratio Lower Upper

152 100

115 84.4 41.8 125.4

150 179.8 0.0 341.0





#73

Isopropylbenzene

Concen: 56.012 ug/l

RT: 10.484 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

Instrument :

MSVOA_U

ClientSampleId :

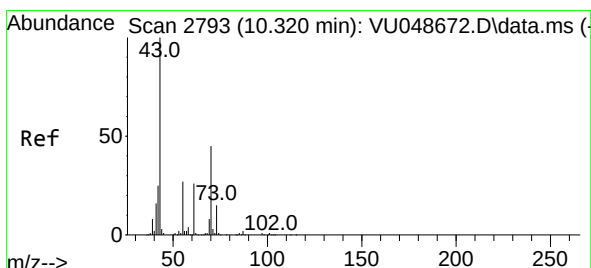
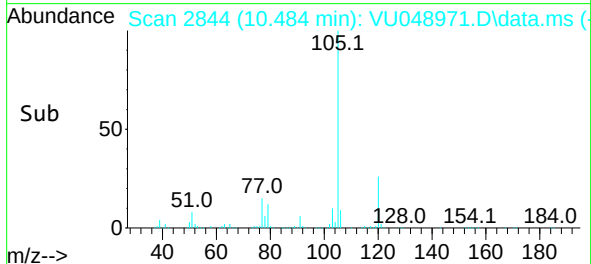
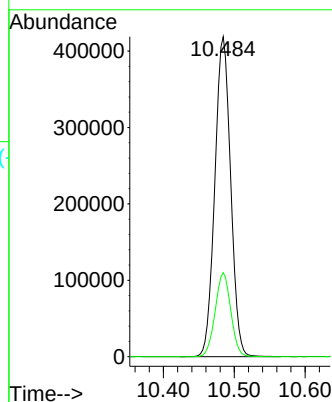
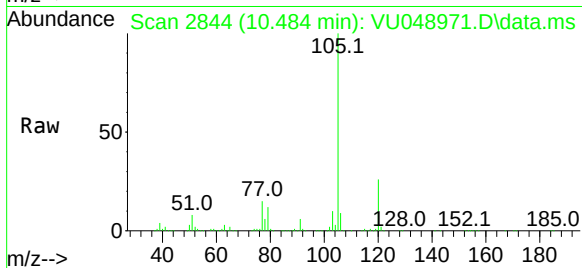
VSTDCCC050EC

Tgt Ion:105 Resp: 648533

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.6



#74

N-ethyl acetate

Concen: 55.764 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

Tgt Ion: 43 Resp: 328631

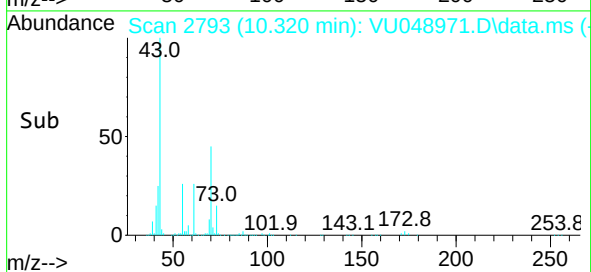
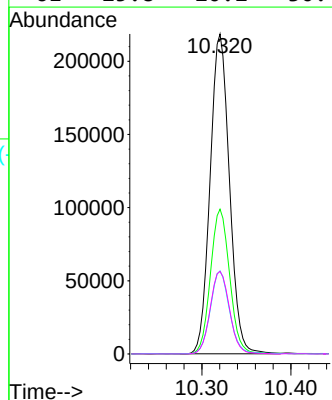
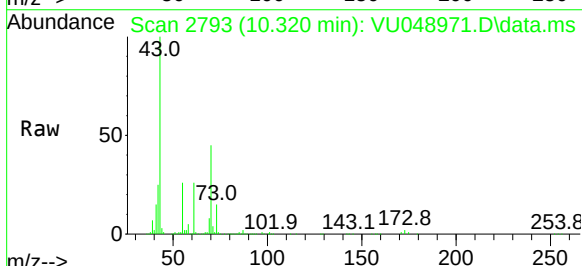
Ion Ratio Lower Upper

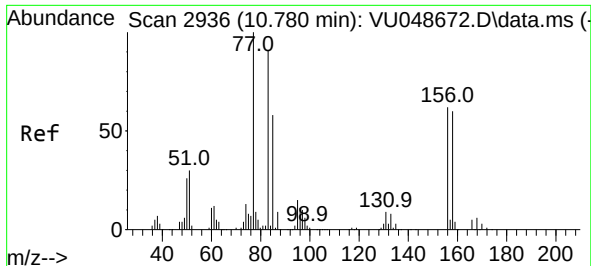
43 100

70 45.0 35.8 53.6

55 26.1 21.1 31.7

61 25.8 20.2 30.4

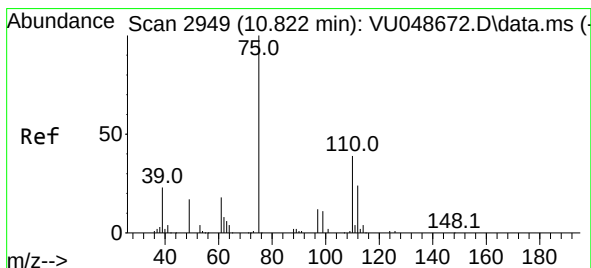
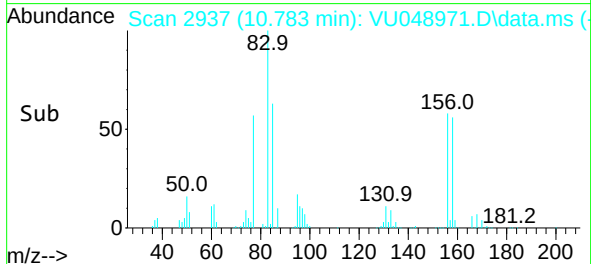
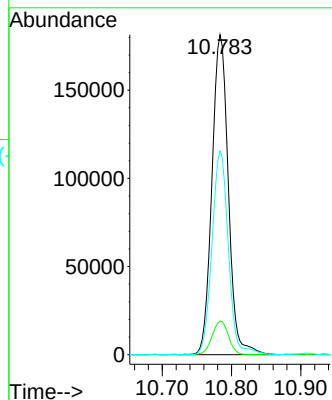
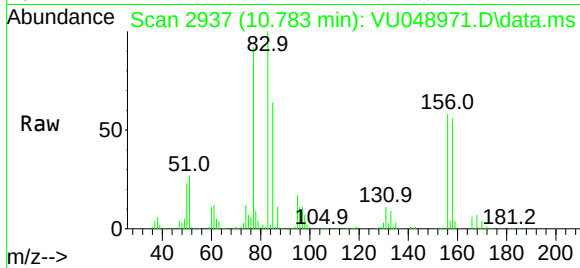




#75
1,1,2,2-Tetrachloroethane
Concen: 62.971 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

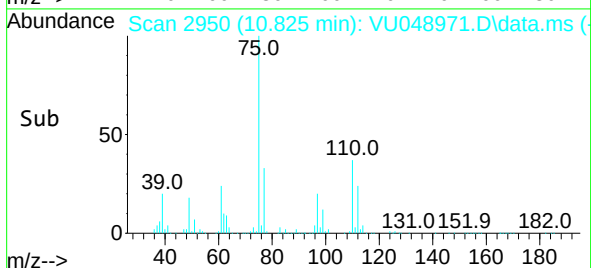
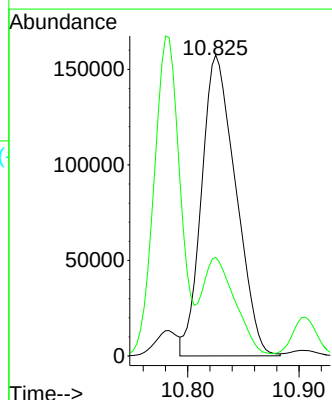
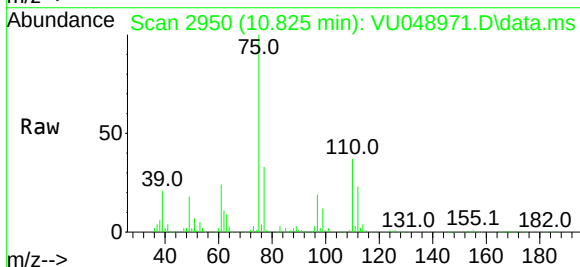
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

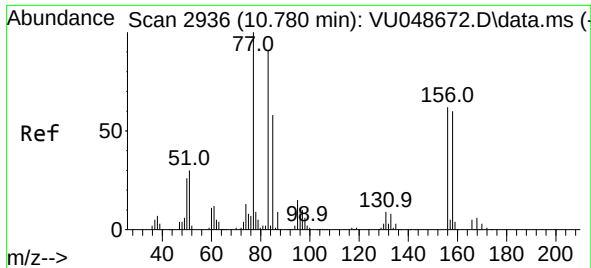
Tgt Ion: 83 Resp: 297538
Ion Ratio Lower Upper
83 100
131 10.5 5.2 15.6
85 63.7 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 58.094 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion: 75 Resp: 335927
Ion Ratio Lower Upper
75 100
77 30.0 14.8 44.3

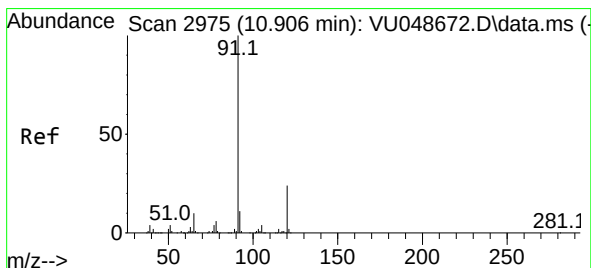
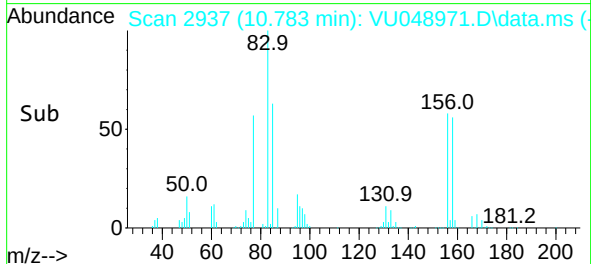
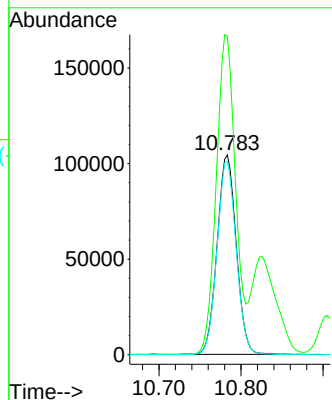
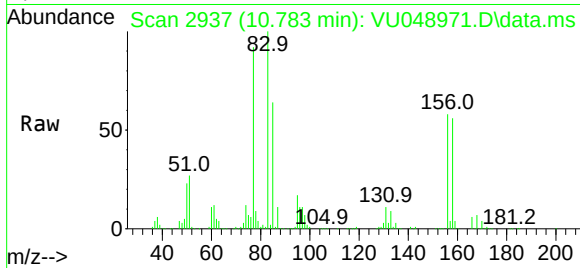




#77
Bromobenzene
Concen: 54.413 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

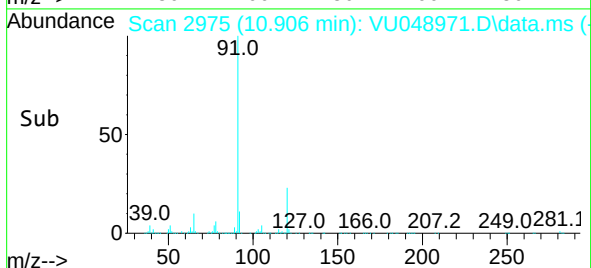
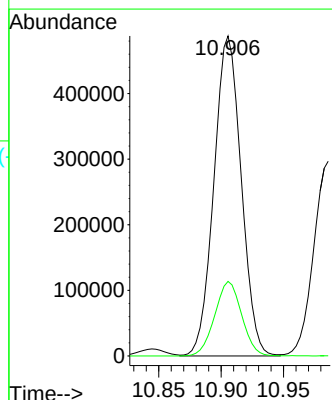
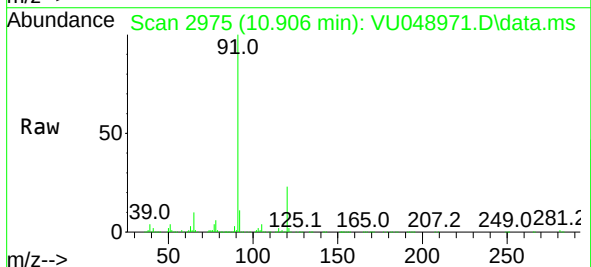
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

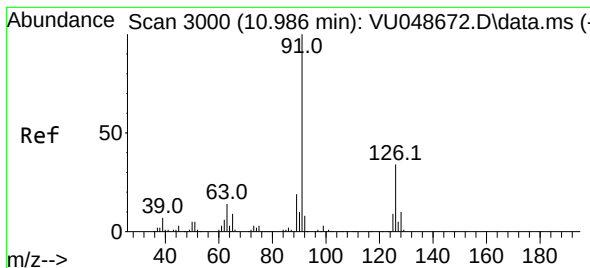
Tgt Ion:156 Resp: 169196
Ion Ratio Lower Upper
156 100
77 160.6 81.1 243.3
158 97.2 48.8 146.4



#78
n-propylbenzene
Concen: 53.893 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion: 91 Resp: 743534
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.7





#79

2-Chlorotoluene

Concen: 55.054 ug/l

RT: 10.986 min Scan# 3000

Delta R.T. -0.000 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

Instrument :

MSVOA_U

ClientSampleId :

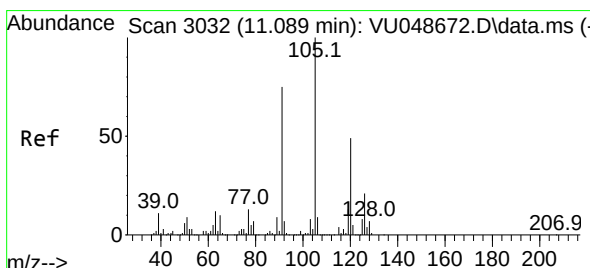
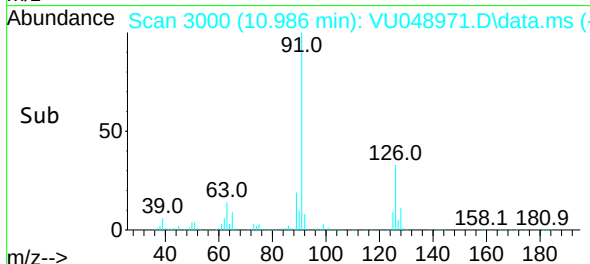
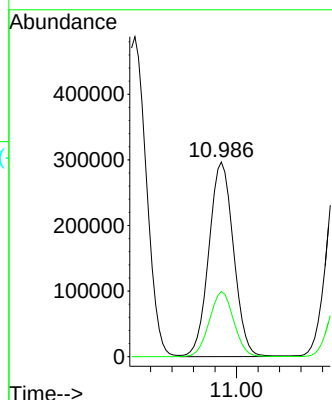
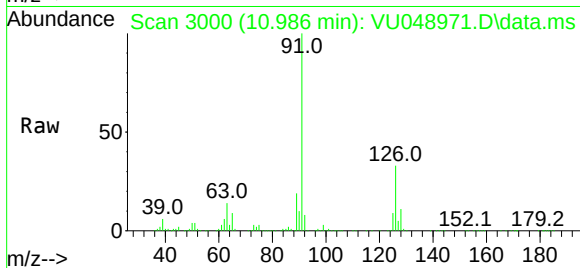
VSTDCCC050EC

Tgt Ion: 91 Resp: 472351

Ion Ratio Lower Upper

91 100

126 33.2 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 57.389 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU048971.D

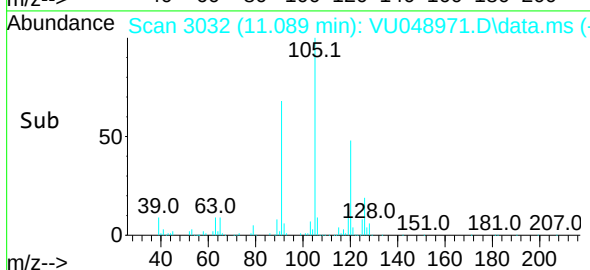
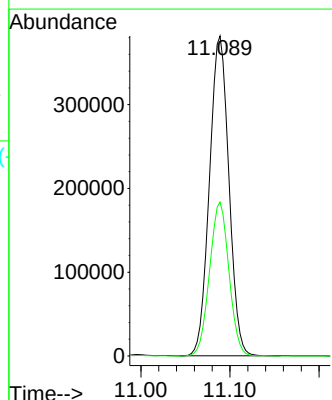
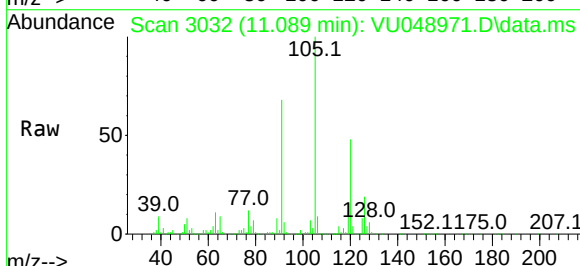
Acq: 08 Jun 2022 18:39

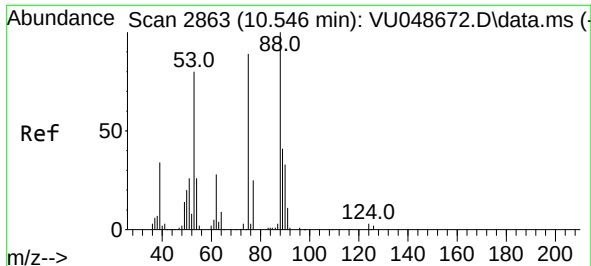
Tgt Ion: 105 Resp: 577839

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.3

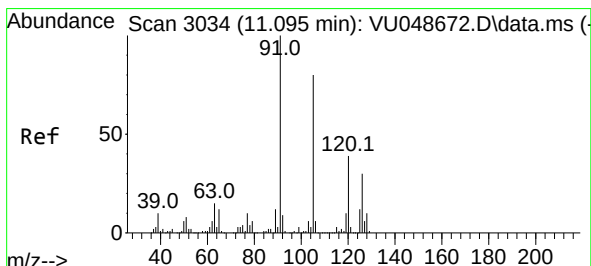
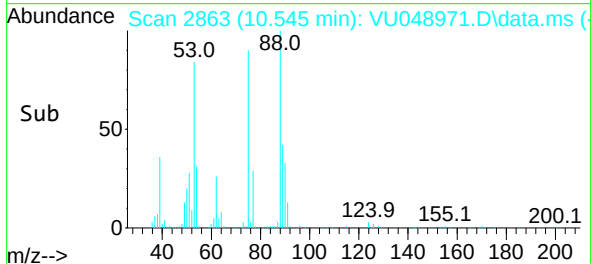
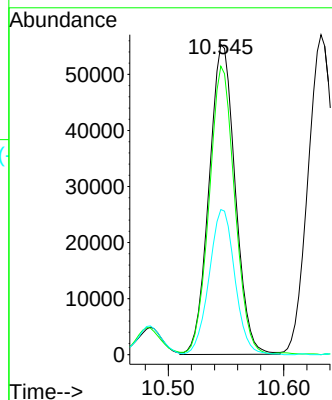
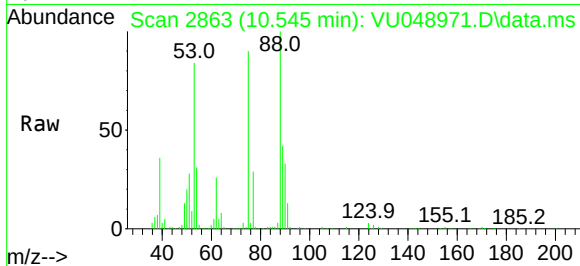




#81
trans-1,4-Dichloro-2-butene
Concen: 54.764 ug/l
RT: 10.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

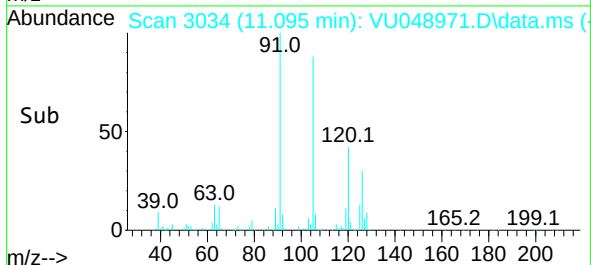
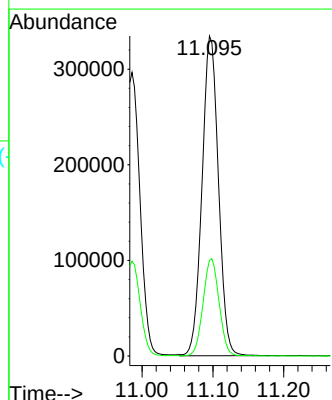
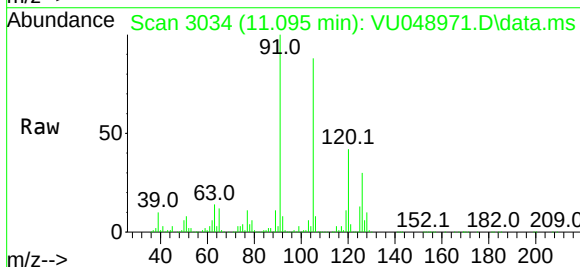
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

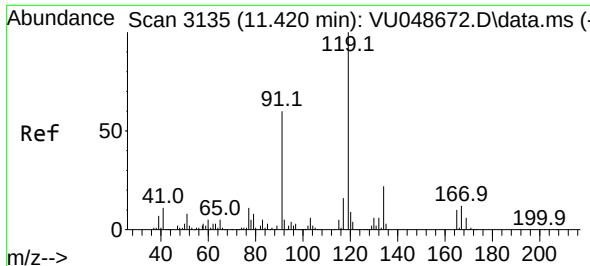
Tgt Ion: 75 Resp: 87217
Ion Ratio Lower Upper
75 100
53 89.9 72.5 108.7
89 46.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 54.265 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion: 91 Resp: 537174
Ion Ratio Lower Upper
91 100
126 29.7 14.4 43.2

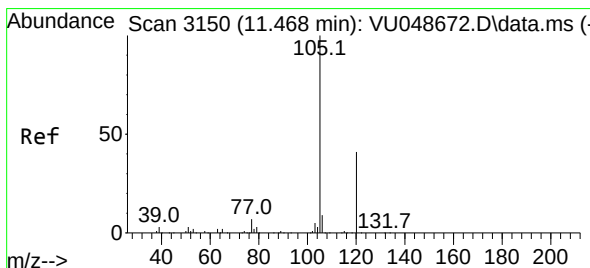
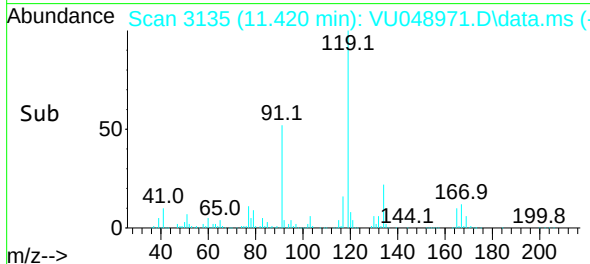
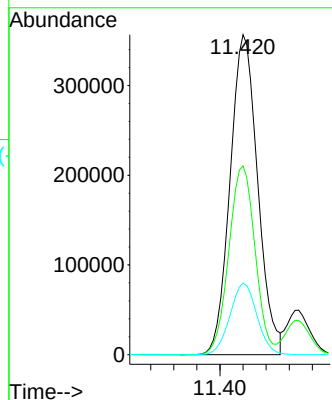
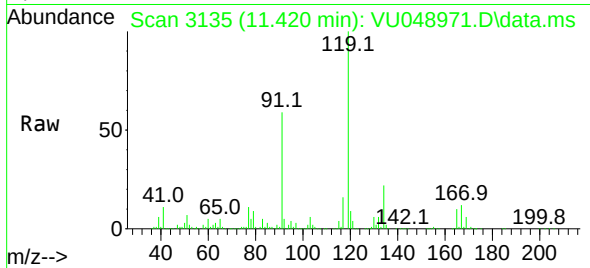




#83
tert-Butylbenzene
Concen: 61.228 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

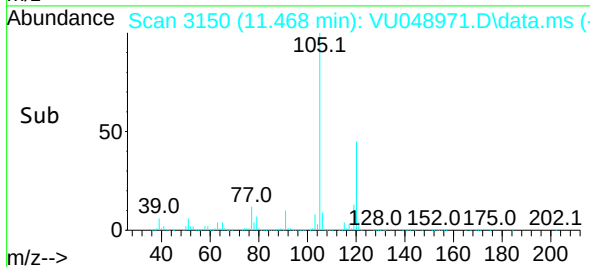
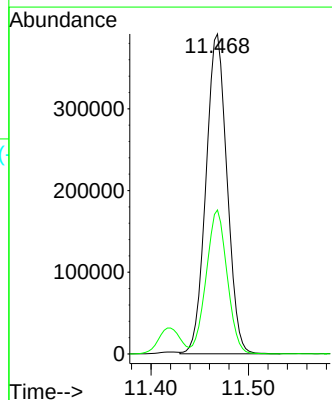
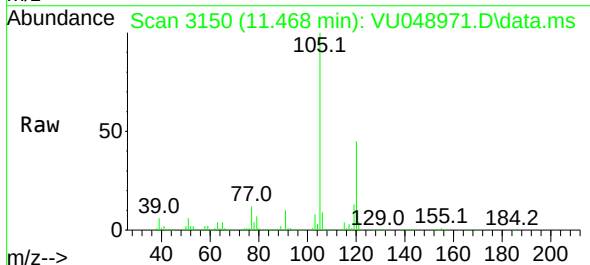
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

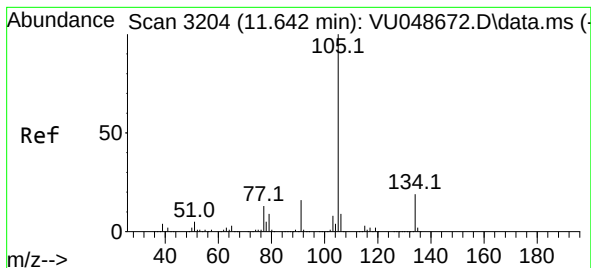
Tgt Ion:119 Resp: 591697
Ion Ratio Lower Upper
119 100
91 56.1 28.7 86.1
134 21.9 10.8 32.4



#84
1,2,4-Trimethylbenzene
Concen: 53.918 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion:105 Resp: 586120
Ion Ratio Lower Upper
105 100
120 44.9 22.5 67.5





#85

sec-Butylbenzene

Concen: 57.993 ug/l

RT: 11.642 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

Instrument :

MSVOA_U

ClientSampleId :

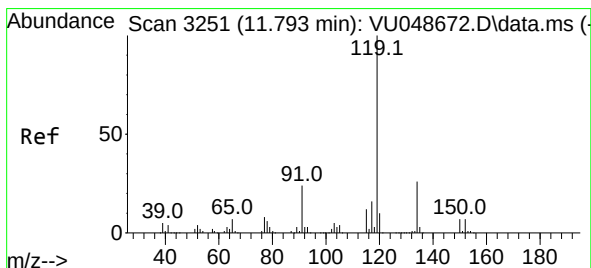
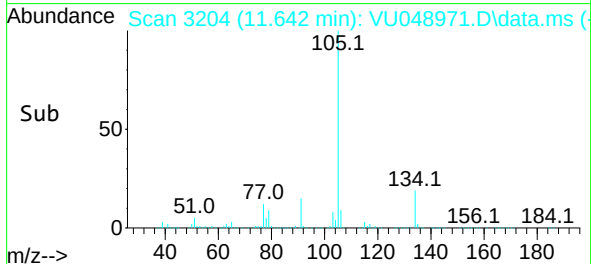
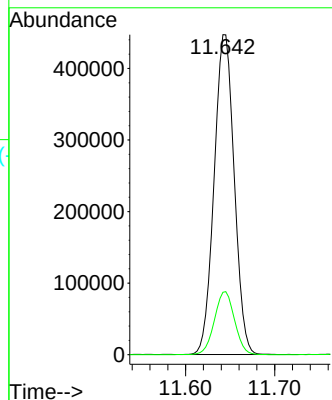
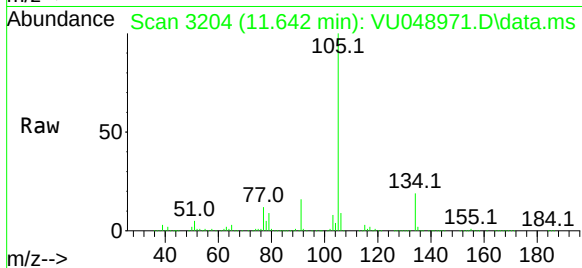
VSTDCCC050EC

Tgt Ion:105 Resp: 701123

Ion Ratio Lower Upper

105 100

134 19.8 9.6 28.6



#86

p-Isopropyltoluene

Concen: 57.944 ug/l

RT: 11.793 min Scan# 3251

Delta R.T. -0.000 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

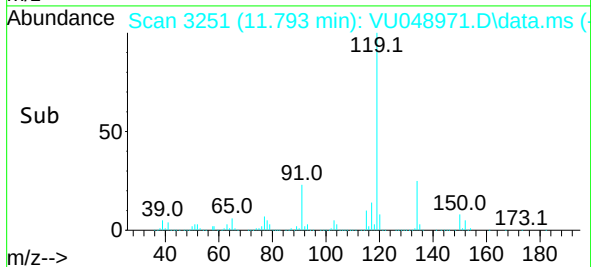
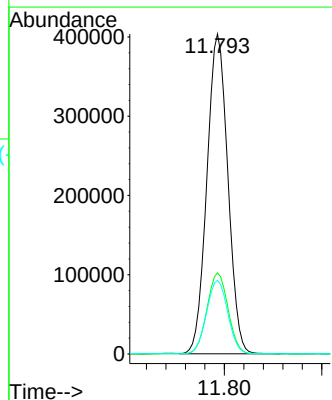
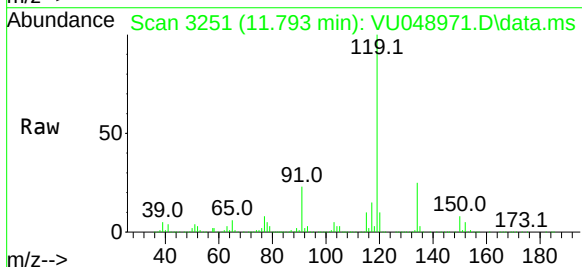
Tgt Ion:119 Resp: 601579

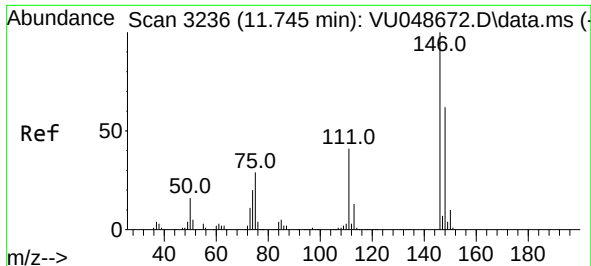
Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

91 23.3 12.0 36.0

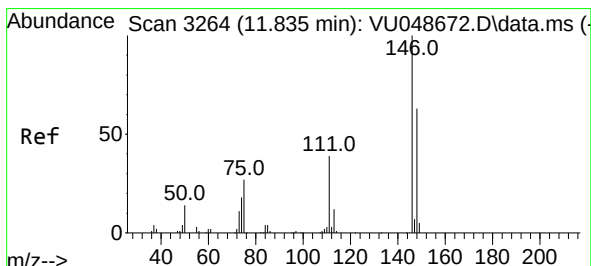
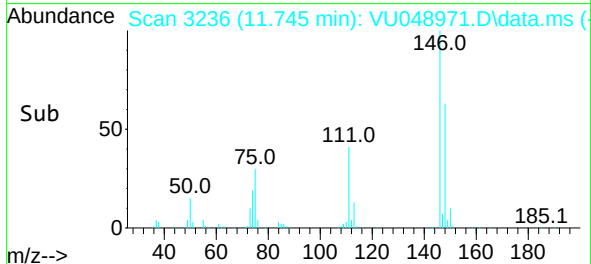
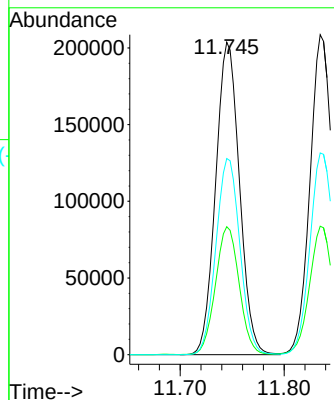
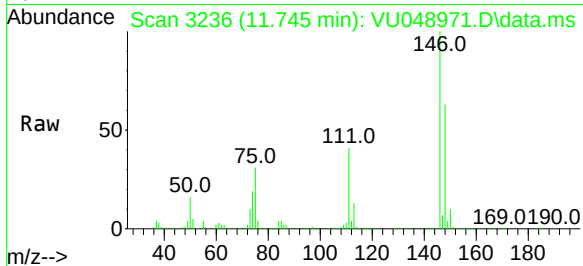




#87
1,3-Dichlorobenzene
Concen: 53.273 ug/l
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

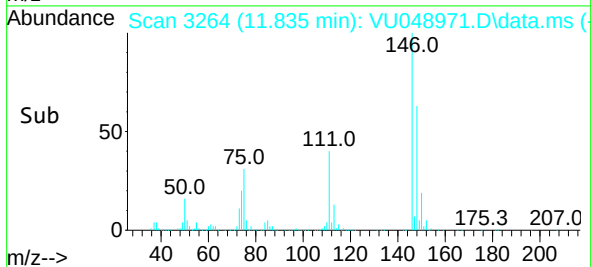
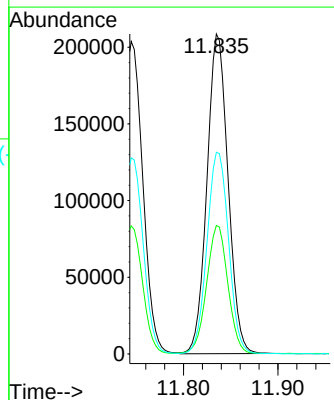
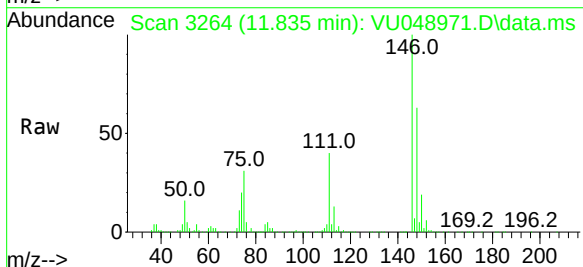
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

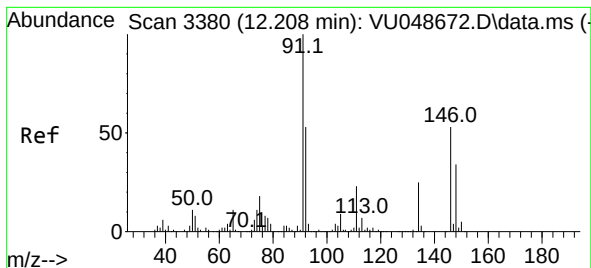
Tgt Ion:146 Resp: 324783
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.9
148 63.2 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 51.258 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion:146 Resp: 322855
Ion Ratio Lower Upper
146 100
111 40.4 20.2 60.6
148 64.8 32.4 97.0





#89

n-Butylbenzene

Concen: 48.230 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

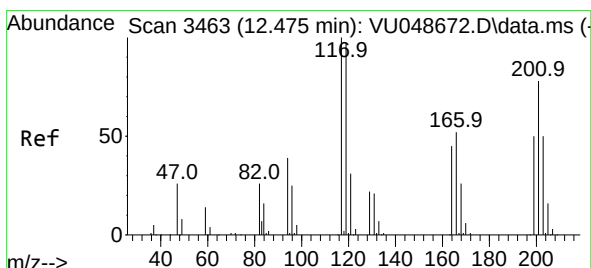
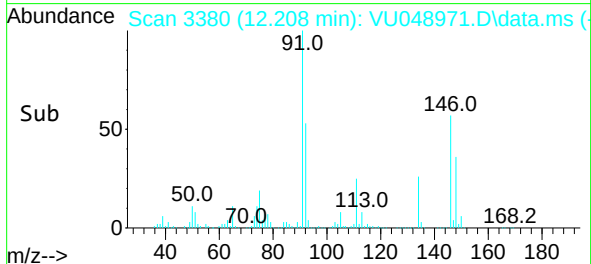
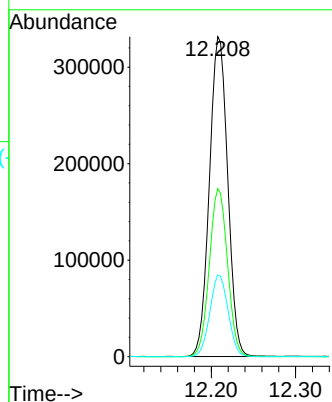
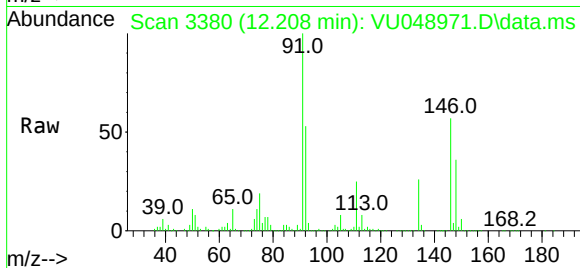
Tgt Ion: 91 Resp: 500363

Ion Ratio Lower Upper

91 100

92 52.2 25.9 77.8

134 25.5 12.5 37.5



#90

Hexachloroethane

Concen: 51.701 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. -0.000 min

Lab File: VU048971.D

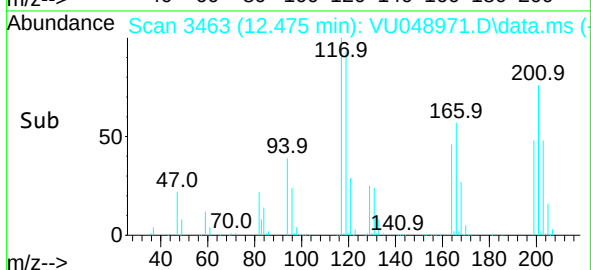
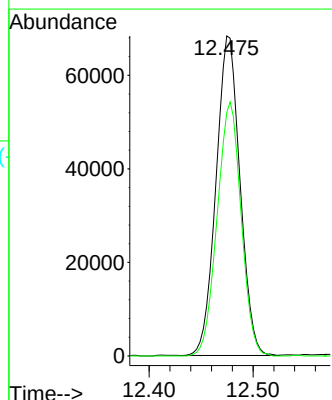
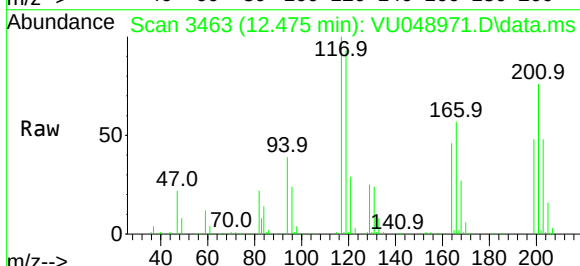
Acq: 08 Jun 2022 18:39

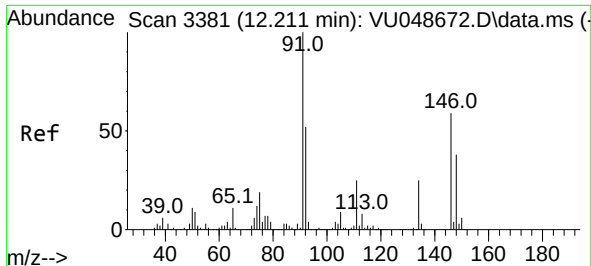
Tgt Ion: 117 Resp: 109546

Ion Ratio Lower Upper

117 100

201 79.4 39.6 119.0





#91

1,2-Dichlorobenzene

Concen: 55.517 ug/l

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

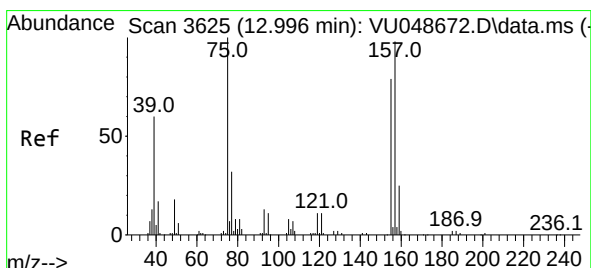
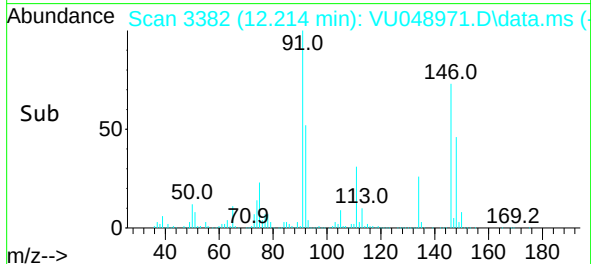
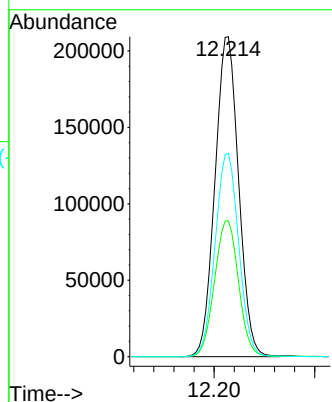
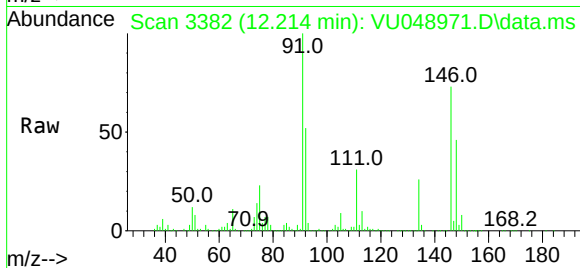
Tgt Ion:146 Resp: 341922

Ion Ratio Lower Upper

146 100

111 43.0 21.4 64.3

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.545 ug/l

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

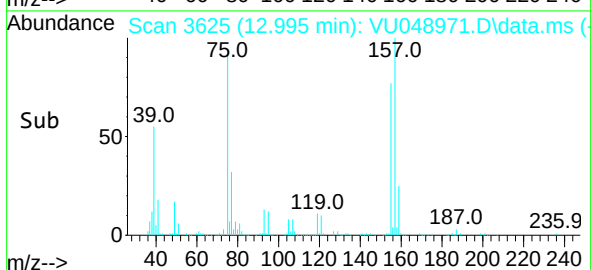
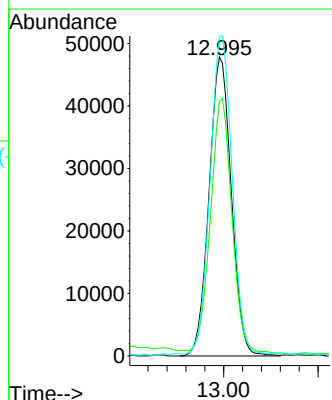
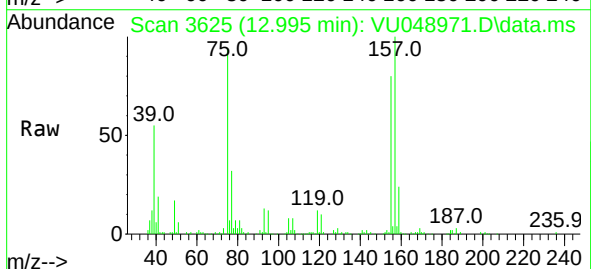
Tgt Ion: 75 Resp: 78287

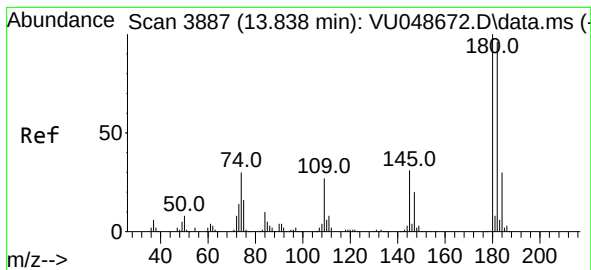
Ion Ratio Lower Upper

75 100

155 83.2 40.3 120.8

157 104.9 50.0 150.0





#93

1,2,4-Trichlorobenzene

Concen: 50.424 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

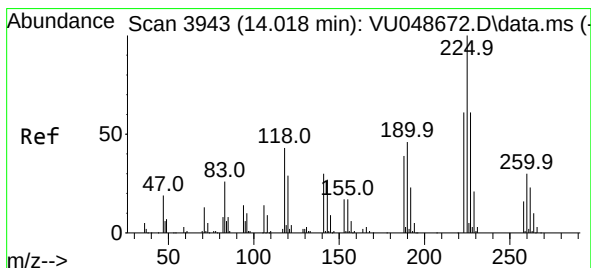
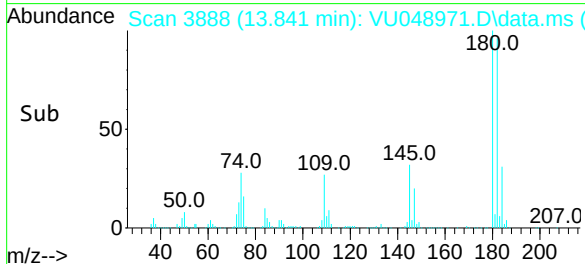
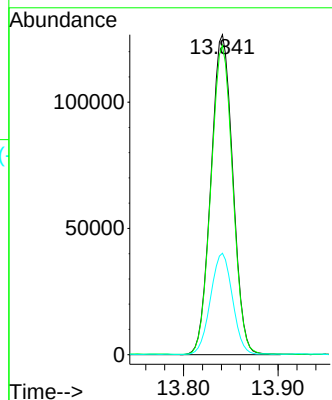
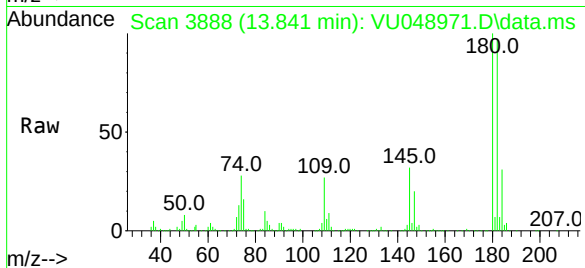
Tgt Ion:180 Resp: 203789

Ion Ratio Lower Upper

180 100

182 95.9 48.3 144.9

145 31.6 15.6 46.7



#94

Hexachlorobutadiene

Concen: 48.308 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.003 min

Lab File: VU048971.D

Acq: 08 Jun 2022 18:39

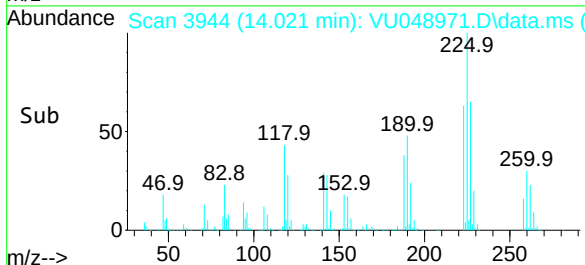
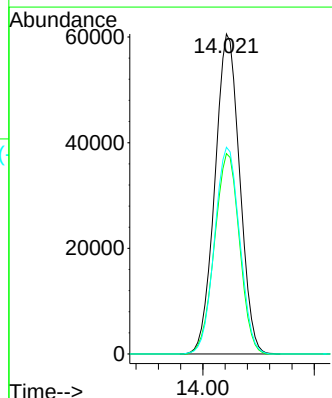
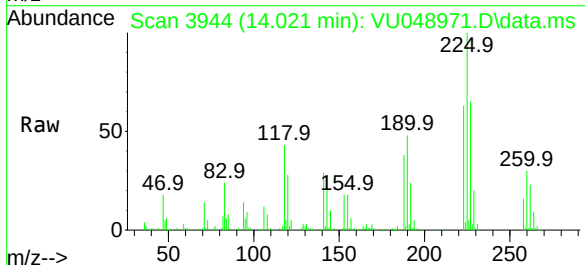
Tgt Ion:225 Resp: 93581

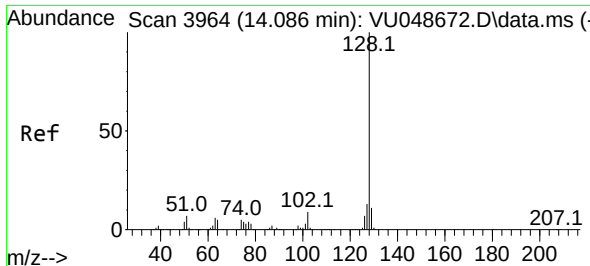
Ion Ratio Lower Upper

225 100

223 63.1 30.9 92.8

227 65.6 31.1 93.5

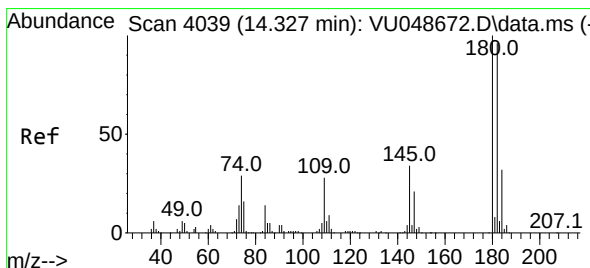
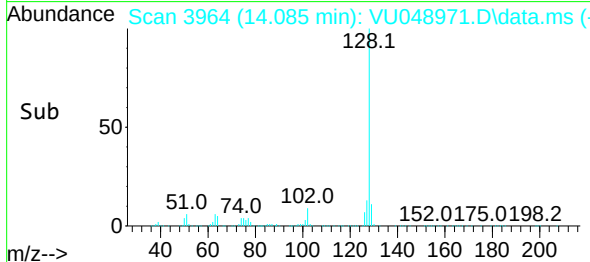
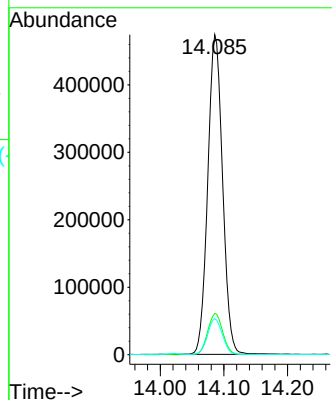
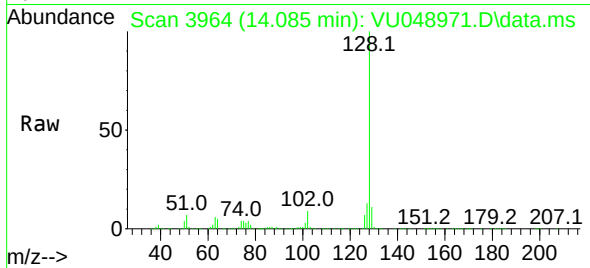




#95
Naphthalene
Concen: 54.004 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.001 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 765376
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 54.718 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048971.D
Acq: 08 Jun 2022 18:39

Tgt Ion:180 Resp: 219032
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.2
145 33.2 16.6 49.8

