

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049447.D
 Acq On : 28 Jun 2022 10:22
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDC0050

Quant Time: Jun 28 17:05:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	286738	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	485507	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	439611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	213451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	198640	44.982	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.960%		
35) Dibromofluoromethane	5.285	113	162940	47.970	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.940%		
50) Toluene-d8	7.896	98	596109	49.203	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.400%		
62) 4-Bromofluorobenzene	10.633	95	227717	49.067	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.140%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	201649	43.764	ug/l	100
3) Chloromethane	1.524	50	238758	42.252	ug/l	98
4) Vinyl Chloride	1.604	62	208311	44.905	ug/l	100
5) Bromomethane	1.848	94	67205	46.591	ug/l	99
6) Chloroethane	1.922	64	110297	51.482	ug/l	97
7) Trichlorofluoromethane	2.131	101	256019	43.305	ug/l	99
8) Diethyl Ether	2.376	74	102796	48.135	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.578	101	157920	49.646	ug/l	95
10) Methyl Iodide	2.720	142	178505	56.036	ug/l	97
11) Tert butyl alcohol	3.350	59	8927	8.637	ug/l	# 1
12) 1,1-Dichloroethene	2.575	96	152639	49.012	ug/l	91
13) Acrolein	2.485	56	125783	179.700	ug/l	98
14) Allyl chloride	2.919	41	298313	47.395	ug/l	# 87
15) Acrylonitrile	3.311	53	615010	247.403	ug/l	99
16) Acetone	2.630	43	515525	231.495	ug/l	98
17) Carbon Disulfide	2.790	76	431715	44.450	ug/l	100
18) Methyl Acetate	2.948	43	275267	45.662	ug/l	93
19) Methyl tert-butyl Ether	3.363	73	557577	48.137	ug/l	96
20) Methylene Chloride	3.041	84	180098	48.561	ug/l	90
21) trans-1,2-Dichloroethene	3.350	96	162547	48.417	ug/l	94
22) Diisopropyl ether	3.990	45	569678	47.405	ug/l	# 77
23) Vinyl Acetate	3.951	43	2553458	242.424	ug/l	95
24) 1,1-Dichloroethane	3.868	63	321815	46.621	ug/l	98
25) 2-Butanone	4.700	43	830715	248.912	ug/l	95
26) 2,2-Dichloropropane	4.662	77	261980	45.600	ug/l	99
27) cis-1,2-Dichloroethene	4.665	96	192370	49.593	ug/l	92
28) Bromochloromethane	4.970	49	139660	46.287	ug/l	# 80
29) Tetrahydrofuran	5.048	42	547060	238.945	ug/l	89
30) Chloroform	5.086	83	308927	45.242	ug/l	99
31) Cyclohexane	5.388	56	301983	45.543	ug/l	92
32) 1,1,1-Trichloroethane	5.314	97	270866	45.719	ug/l	100
36) 1,1-Dichloropropene	5.523	75	231465	46.996	ug/l	98
37) Ethyl Acetate	4.800	43	308981	45.910	ug/l	# 94
38) Carbon Tetrachloride	5.523	117	231755	44.868	ug/l	99
39) Methylcyclohexane	6.761	83	292464	49.540	ug/l	92
40) Benzene	5.771	78	699682	47.054	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	161066	47.761	ug/l	90
42) 1,2-Dichloroethane	5.794	62	244741	44.222	ug/l	100
43) Isopropyl Acetate	5.909	43	465168	47.170	ug/l	97
44) Trichloroethene	6.539	130	169813	48.039	ug/l	87
45) 1,2-Dichloropropane	6.790	63	189903	46.090	ug/l	99
46) Dibromomethane	6.916	93	127976	46.586	ug/l	91
47) Bromodichloromethane	7.105	83	242552	45.874	ug/l	99
48) Methyl methacrylate	6.957	41	220882	47.795	ug/l	88
49) 1,4-Dioxane	6.986	88	123052	1039.283	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1536910	232.870	ug/l	97
52) Toluene	7.967	92	425816	48.180	ug/l	100
53) t-1,3-Dichloropropene	8.208	75	274604	48.418	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	298285	49.257	ug/l	99
55) 1,1,2-Trichloroethane	8.398	97	177282	48.515	ug/l	99
56) Ethyl methacrylate	8.330	69	307082	50.245	ug/l	93
57) 1,3-Dichloropropane	8.575	76	301209	46.467	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	163898	338.924	ug/l	94
59) 2-Hexanone	8.684	43	1209679	233.076	ug/l	96
60) Dibromochloromethane	8.809	129	183015	48.162	ug/l	99
61) 1,2-Dibromoethane	8.922	107	191304	48.040	ug/l	100
64) Tetrachloroethene	8.552	164	136938	48.566	ug/l	92
65) Chlorobenzene	9.446	112	439975	48.955	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	167573	49.426	ug/l	98
67) Ethyl Benzene	9.568	91	828118	50.191	ug/l	97
68) m/p-Xylenes	9.690	106	618451	101.306	ug/l	90
69) o-Xylene	10.099	106	305594	50.424	ug/l	89
70) Styrene	10.112	104	508187	52.186	ug/l	96
71) Bromoform	10.289	173	142463	48.994	ug/l #	100
73) Isopropylbenzene	10.481	105	811628	53.378	ug/l	95
74) N-amyl acetate	10.317	43	406285	50.485	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.780	83	316671	49.165	ug/l	100
76) 1,2,3-Trichloropropane	10.822	75	359891	49.738	ug/l	99
77) Bromobenzene	10.780	156	187606	50.547	ug/l	85
78) n-propylbenzene	10.903	91	956199	51.753	ug/l	96
79) 2-Chlorotoluene	10.983	91	569640	50.042	ug/l	92
80) 1,3,5-Trimethylbenzene	11.086	105	692706	52.183	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.546	75	99551	50.807	ug/l	96
82) 4-Chlorotoluene	11.096	91	647350	50.564	ug/l	93
83) tert-Butylbenzene	11.420	119	675016	51.699	ug/l	94
84) 1,2,4-Trimethylbenzene	11.465	105	684561	52.493	ug/l	95
85) sec-Butylbenzene	11.642	105	845945	51.533	ug/l	97
86) p-Isopropyltoluene	11.790	119	703039	52.958	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	352404	49.664	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	353576	49.576	ug/l	98
89) n-Butylbenzene	12.208	91	636684	51.810	ug/l	98
90) Hexachloroethane	12.475	117	121122	45.807	ug/l	86
91) 1,2-Dichlorobenzene	12.211	146	359225	50.384	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	81374	49.270	ug/l	84
93) 1,2,4-Trichlorobenzene	13.838	180	239886	50.131	ug/l	98
94) Hexachlorobutadiene	14.018	225	105884	47.876	ug/l	99
95) Naphthalene	14.083	128	867833	51.864	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	242612	49.338	ug/l	98

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Misc : 5.0mL/MSVOA_U/WATER
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Instrument :
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ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Tue Jun 28 10:35:43 2022
Response via : Initial Calibration

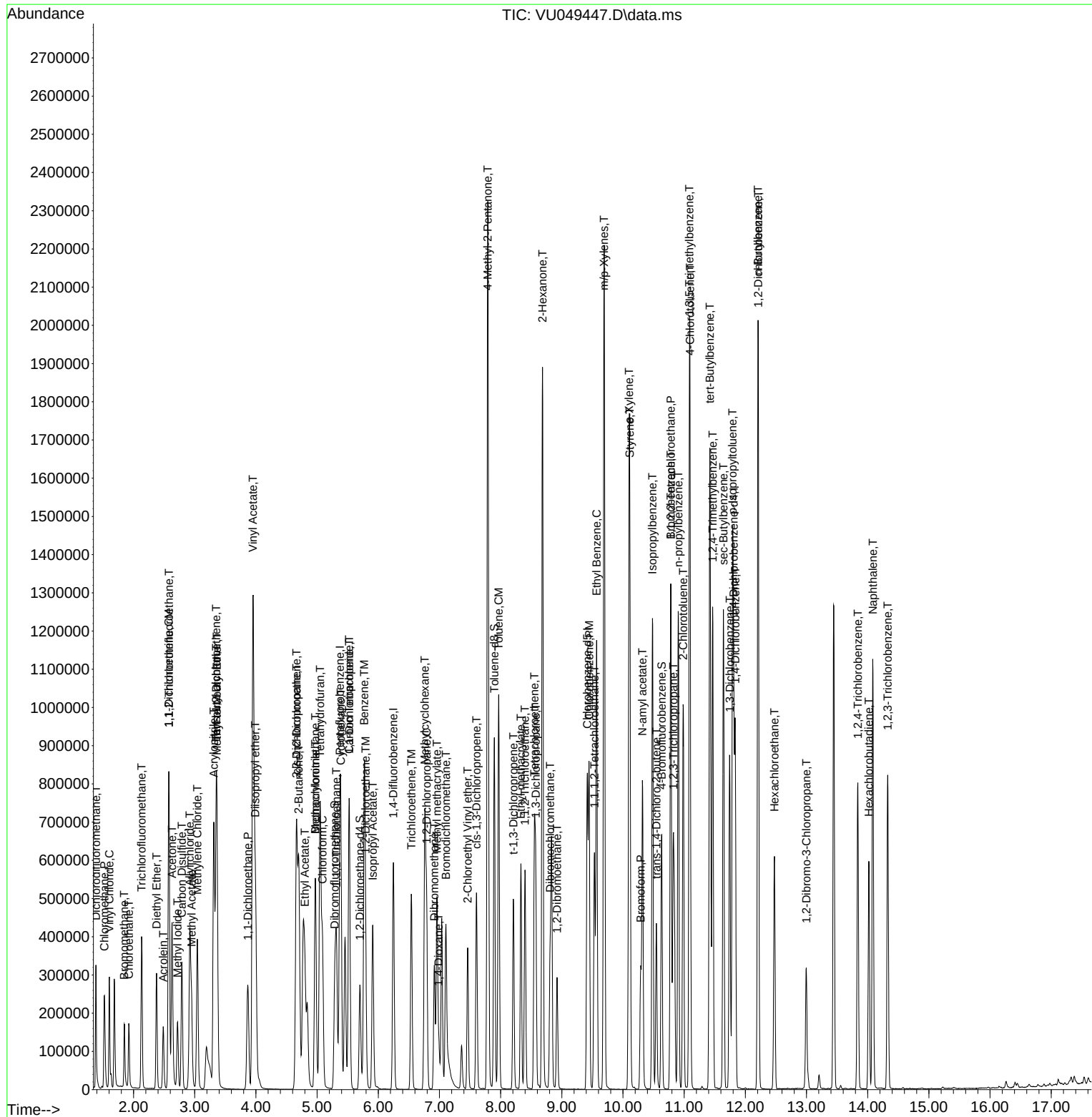
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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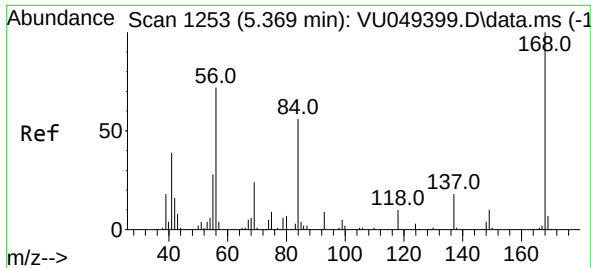
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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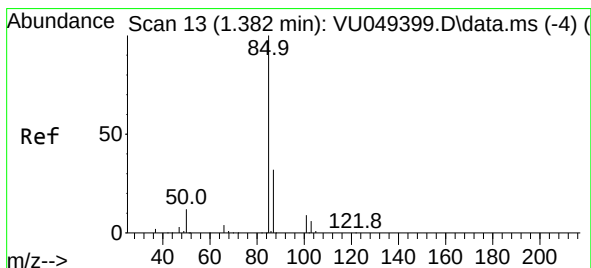
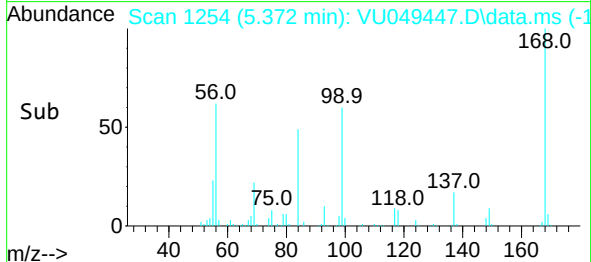
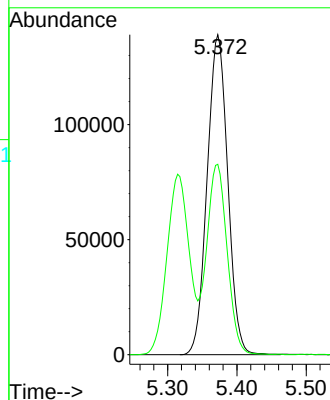
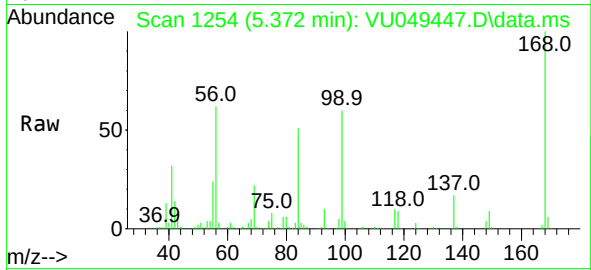




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049447.D
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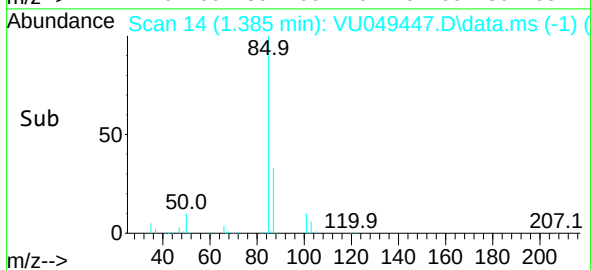
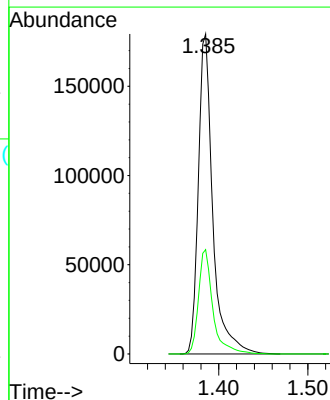
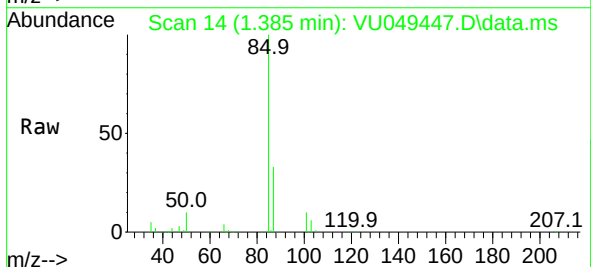
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

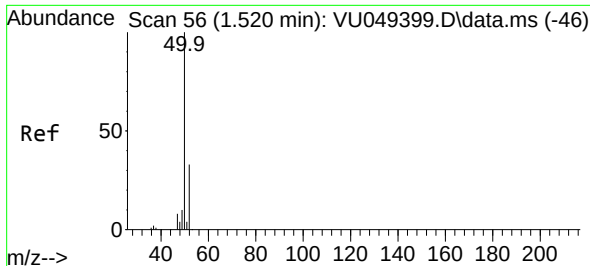
Tgt Ion:168 Resp: 286738
Ion Ratio Lower Upper
168 100
99 59.4 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 43.764 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion: 85 Resp: 201649
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.2

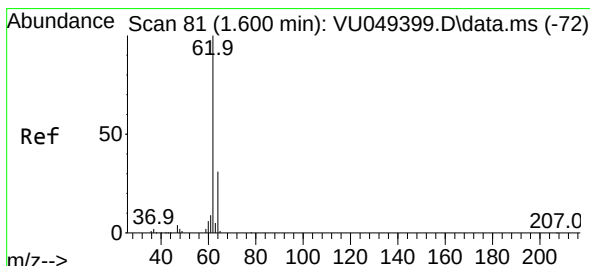
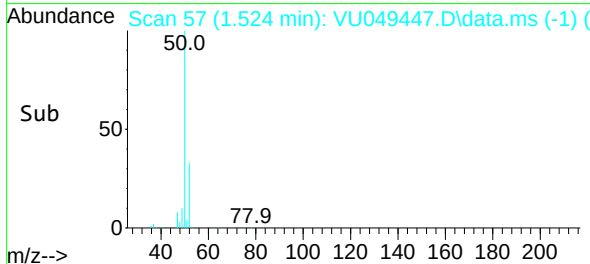
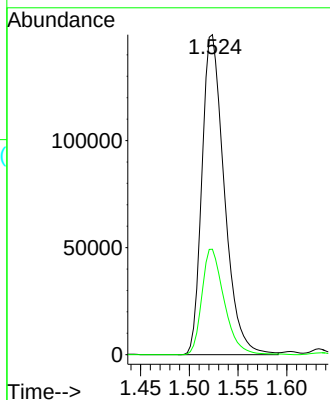
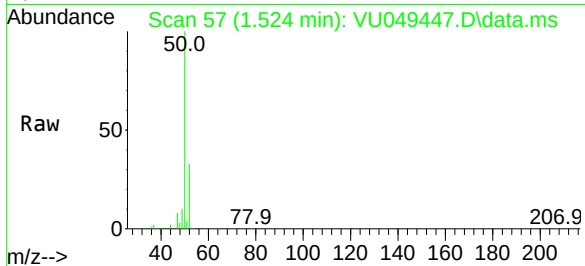




#3
Chloromethane
Concen: 42.252 ug/l
RT: 1.524 min Scan# 51
Delta R.T. 0.004 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

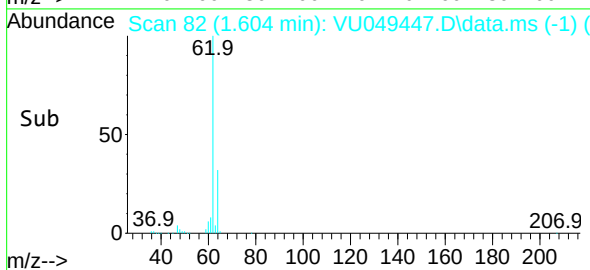
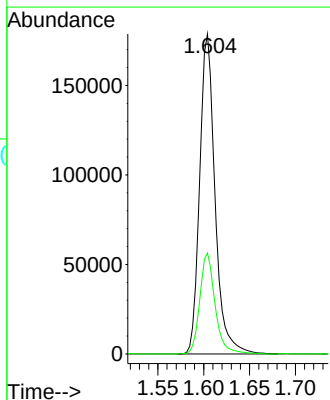
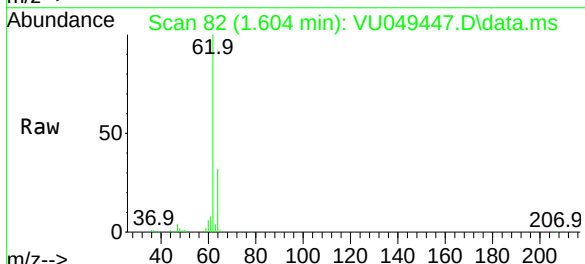
Instrument :
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ClientSampleId :
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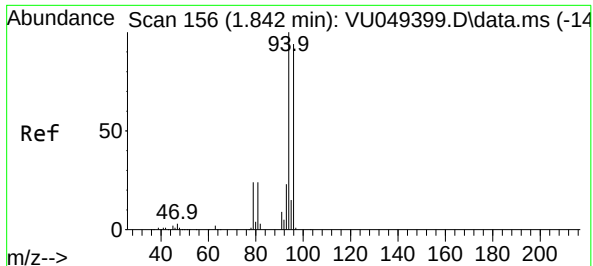
Tgt Ion: 50 Resp: 238758
Ion Ratio Lower Upper
50 100
52 32.9 27.4 41.2



#4
Vinyl Chloride
Concen: 44.905 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.004 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion: 62 Resp: 208311
Ion Ratio Lower Upper
62 100
64 31.6 25.3 37.9

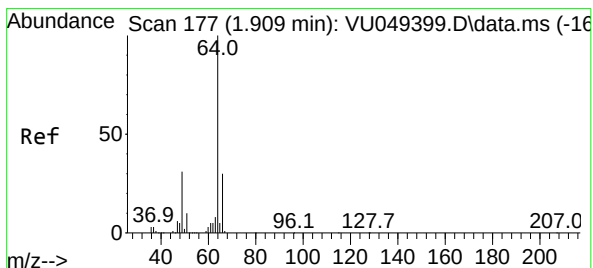
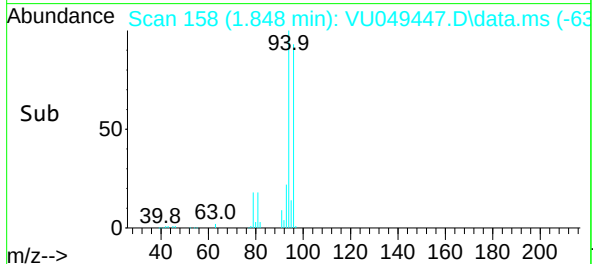
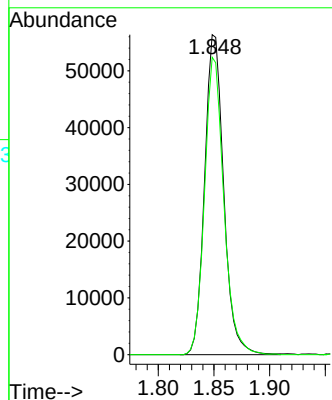
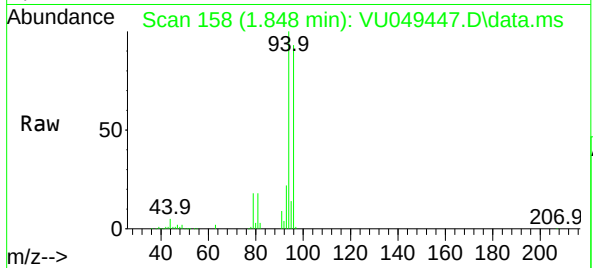




#5
Bromomethane
Concen: 46.591 ug/l
RT: 1.848 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

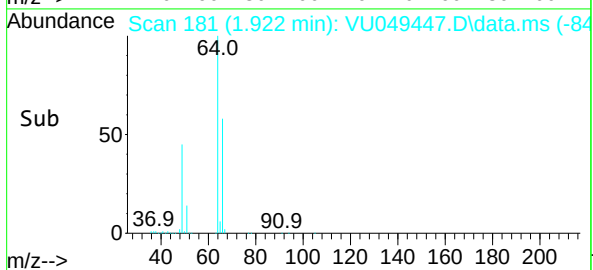
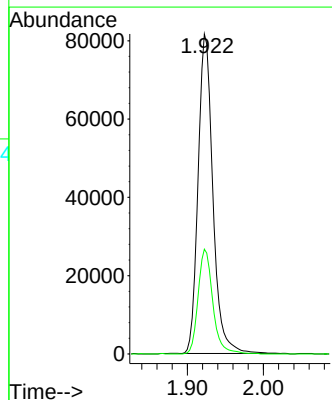
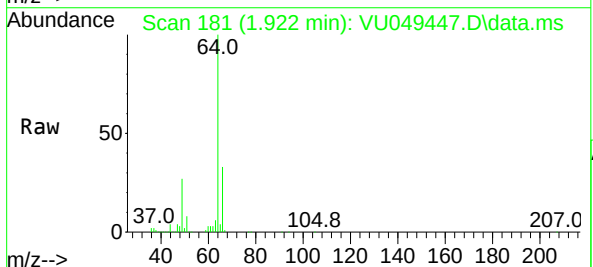
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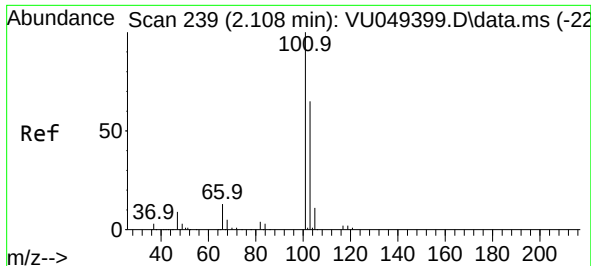
Tgt Ion: 94 Resp: 67205
Ion Ratio Lower Upper
94 100
96 92.9 73.7 110.5



#6
Chloroethane
Concen: 51.482 ug/l
RT: 1.922 min Scan# 181
Delta R.T. 0.013 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion: 64 Resp: 110297
Ion Ratio Lower Upper
64 100
66 32.8 24.7 37.1

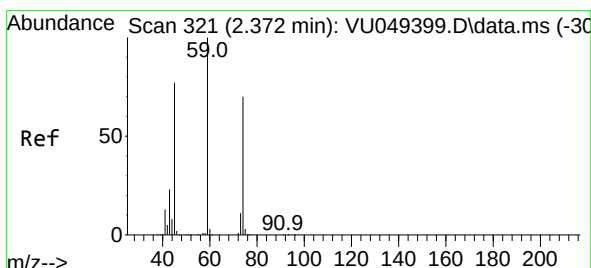
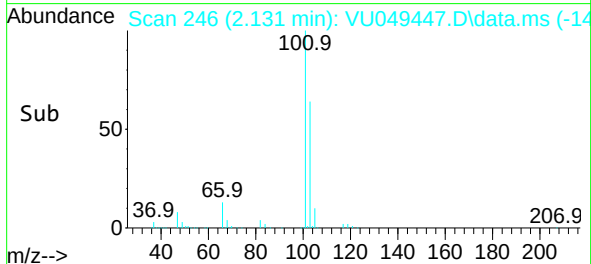
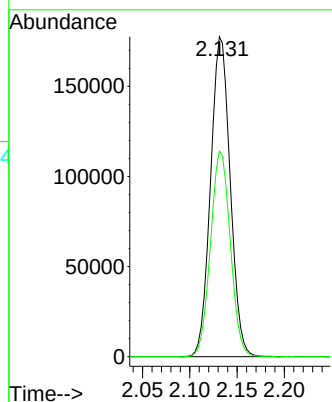
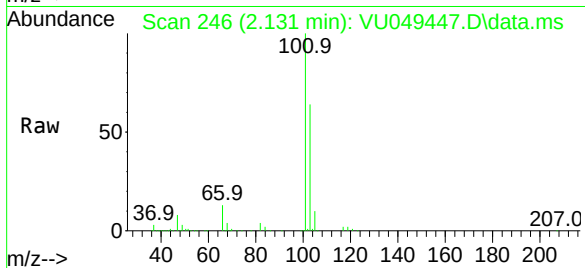




#7
Trichlorofluoromethane
Concen: 43.305 ug/l
RT: 2.131 min Scan# 246
Delta R.T. 0.023 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

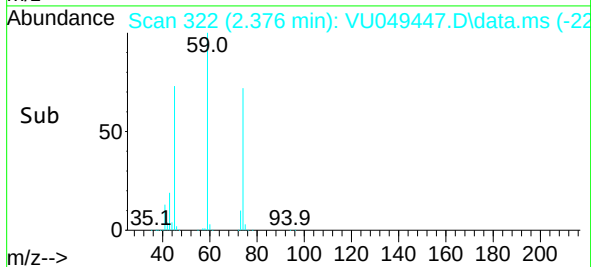
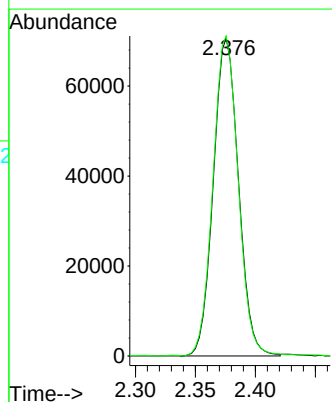
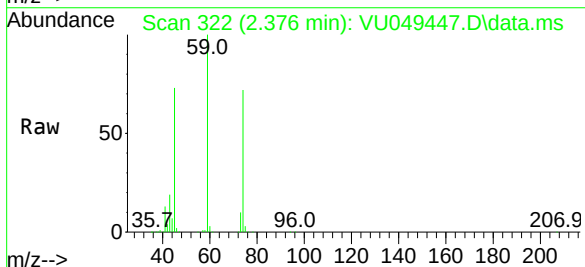
Instrument :
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VSTDCCC050

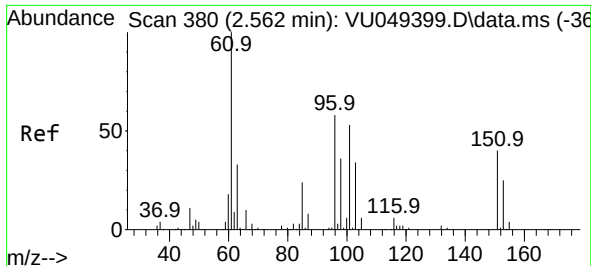
Tgt Ion:101 Resp: 256019
Ion Ratio Lower Upper
101 100
103 64.2 50.6 75.8



#8
Diethyl Ether
Concen: 48.135 ug/l
RT: 2.376 min Scan# 322
Delta R.T. 0.004 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion: 74 Resp: 102796
Ion Ratio Lower Upper
74 100
45 101.1 44.4 133.2

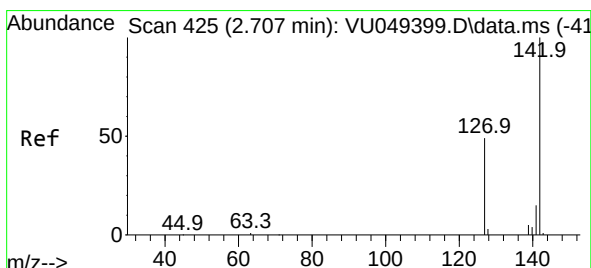
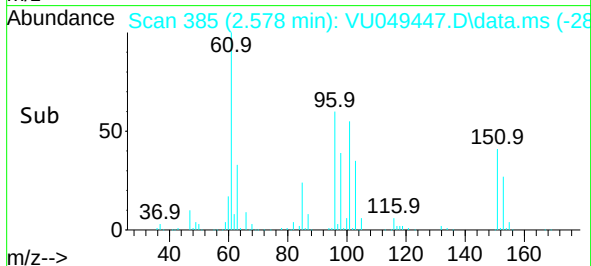
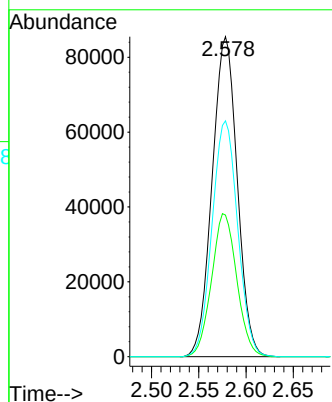
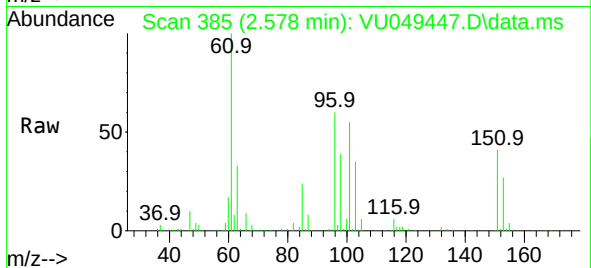




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.646 ug/l
RT: 2.578 min Scan# 380
Delta R.T. 0.016 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

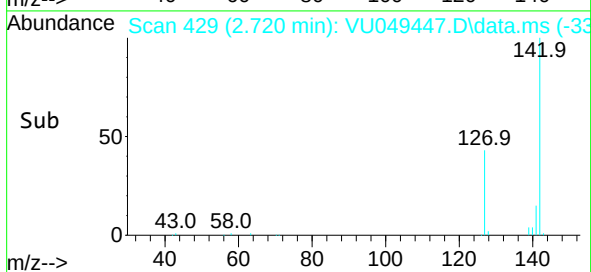
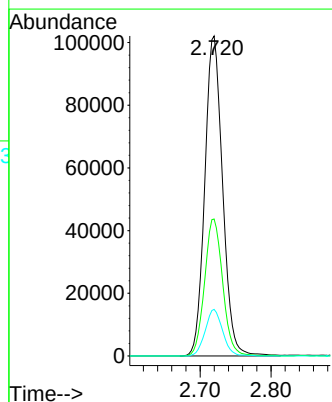
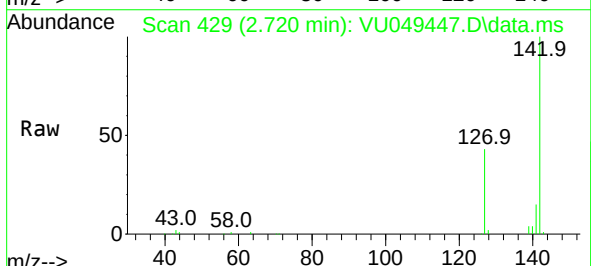
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

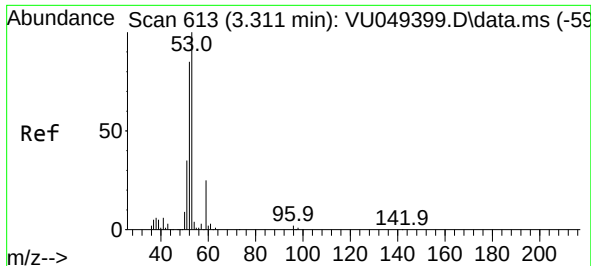
Tgt Ion:101 Resp: 157920
Ion Ratio Lower Upper
101 100
85 44.9 33.9 50.9
151 75.3 64.0 96.0



#10
Methyl Iodide
Concen: 56.036 ug/l
RT: 2.720 min Scan# 429
Delta R.T. 0.013 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion:142 Resp: 178505
Ion Ratio Lower Upper
142 100
127 43.4 32.5 48.7
141 14.3 11.4 17.0

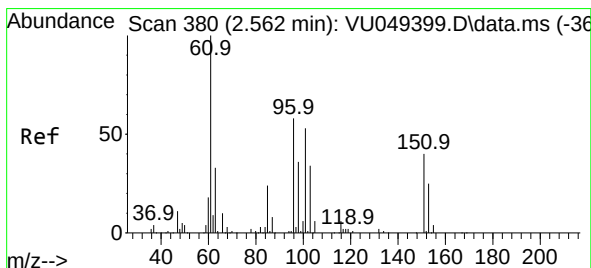
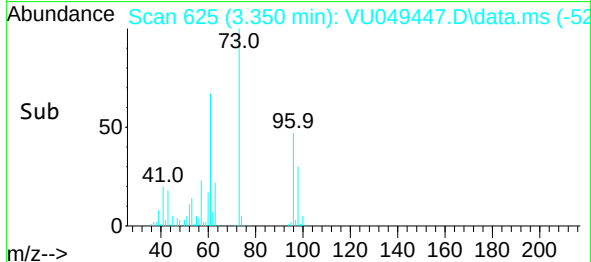
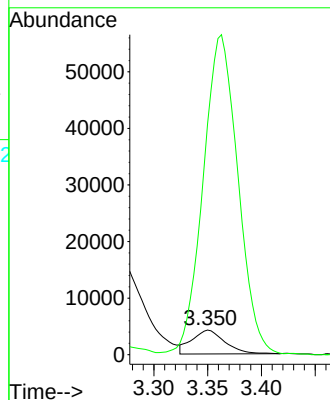
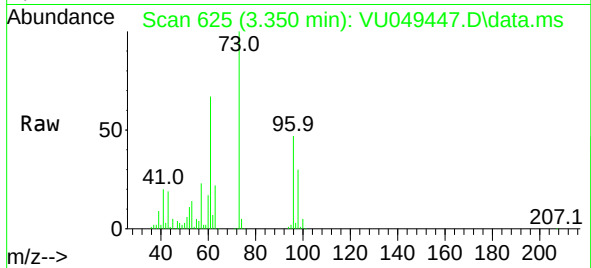




#11
Tert butyl alcohol
Concen: 8.637 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.039 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

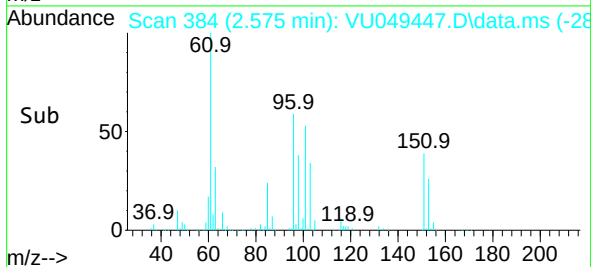
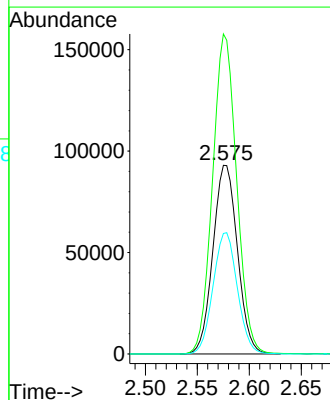
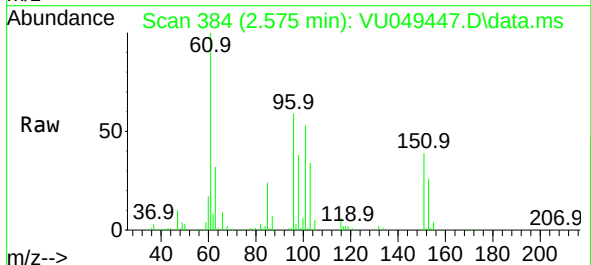
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

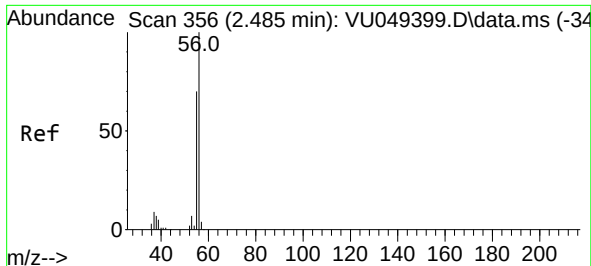
Tgt Ion: 59 Resp: 8927
Ion Ratio Lower Upper
59 100
57 1421.7 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 49.012 ug/l
RT: 2.575 min Scan# 384
Delta R.T. 0.013 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion: 96 Resp: 152639
Ion Ratio Lower Upper
96 100
61 169.6 122.2 183.2
98 63.9 50.7 76.1





#13

Acrolein

Concen: 179.700 ug/l

RT: 2.485 min Scan# 356

Delta R.T. 0.000 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

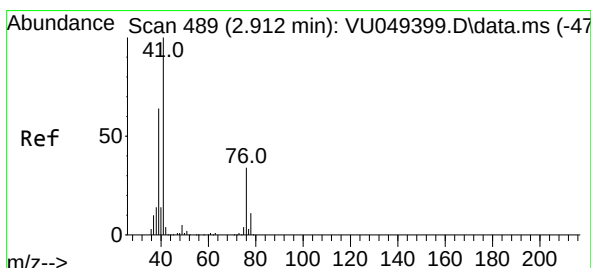
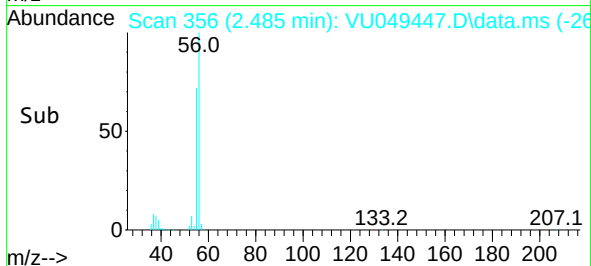
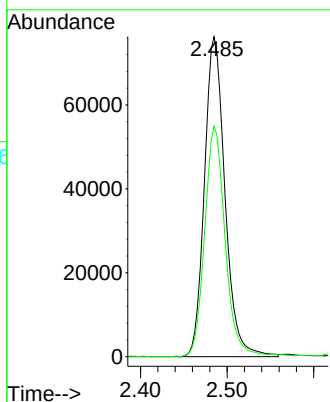
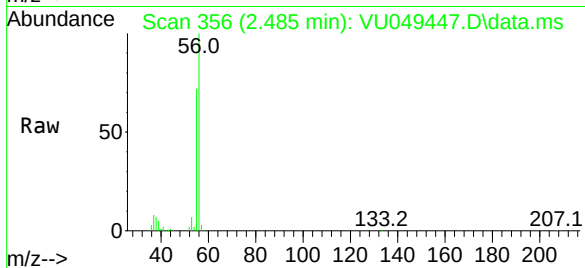
VSTDCCC050

Tgt Ion: 56 Resp: 125783

Ion Ratio Lower Upper

56 100

55 72.1 56.6 85.0



#14

Allyl chloride

Concen: 47.395 ug/l

RT: 2.919 min Scan# 491

Delta R.T. 0.007 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

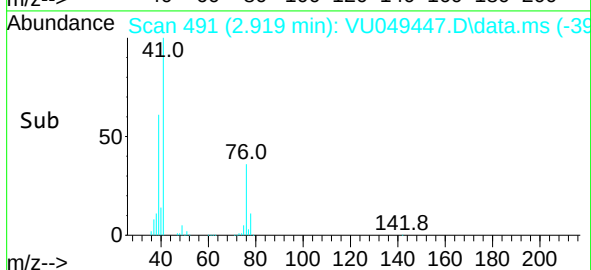
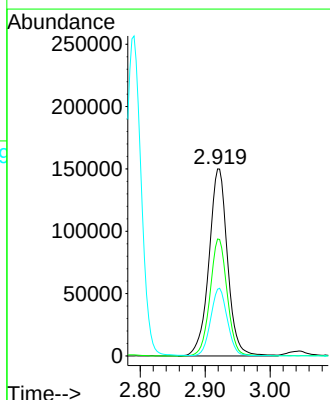
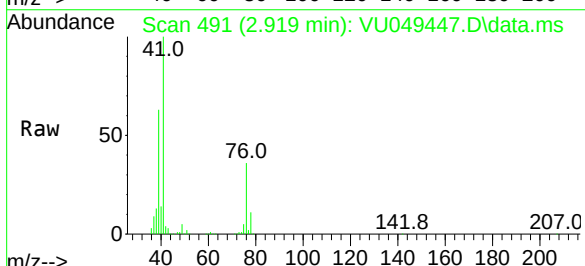
Tgt Ion: 41 Resp: 298313

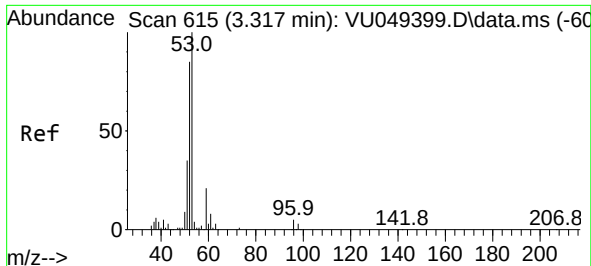
Ion Ratio Lower Upper

41 100

39 57.7 53.4 80.2

76 32.1 33.8 50.6#

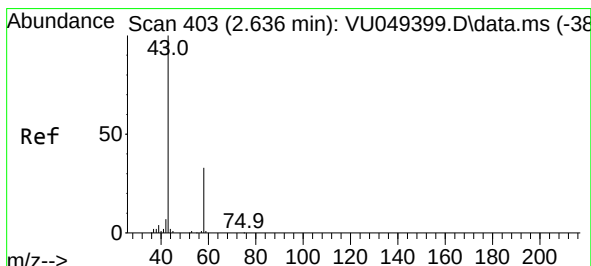
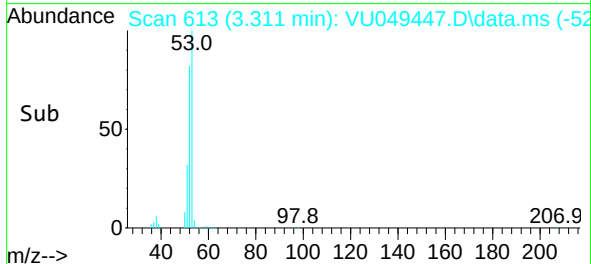
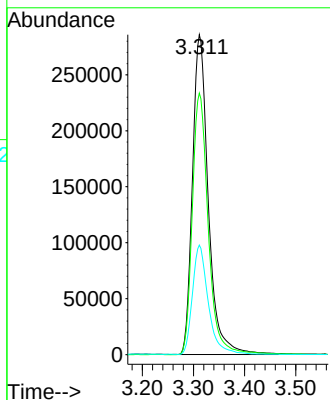
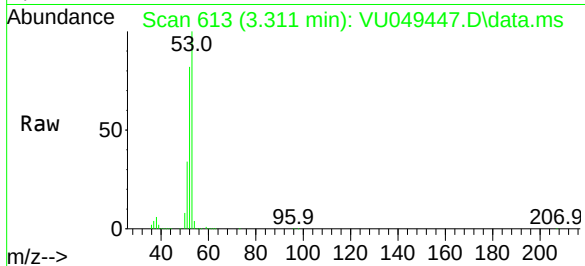




#15
Acrylonitrile
Concen: 247.403 ug/l
RT: 3.311 min Scan# 615
Delta R.T. -0.006 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

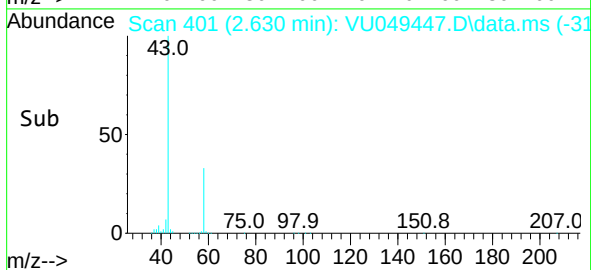
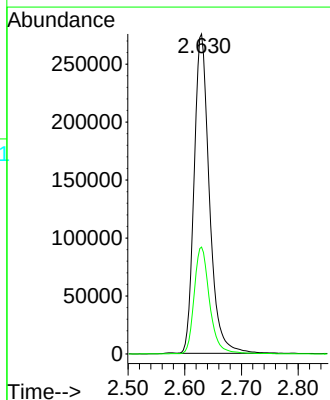
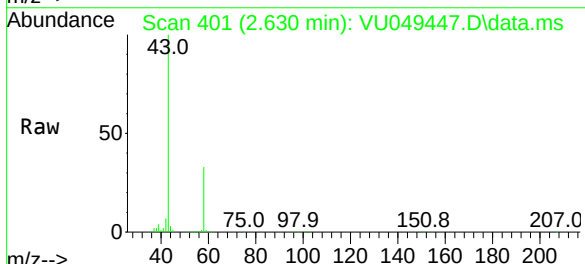
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

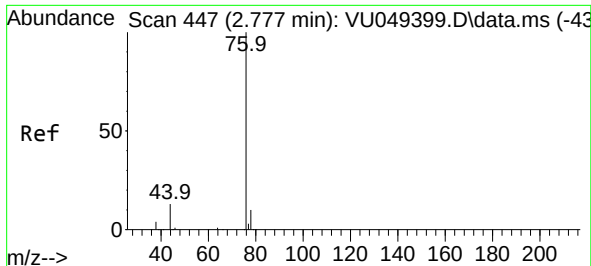
Tgt Ion: 53 Resp: 615010
Ion Ratio Lower Upper
53 100
52 82.4 65.7 98.5
51 34.3 28.2 42.4



#16
Acetone
Concen: 231.495 ug/l
RT: 2.630 min Scan# 401
Delta R.T. -0.006 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion: 43 Resp: 515525
Ion Ratio Lower Upper
43 100
58 33.4 27.5 41.3

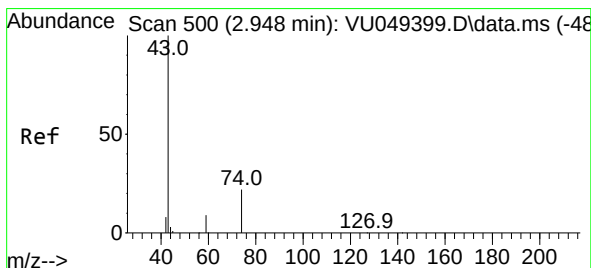
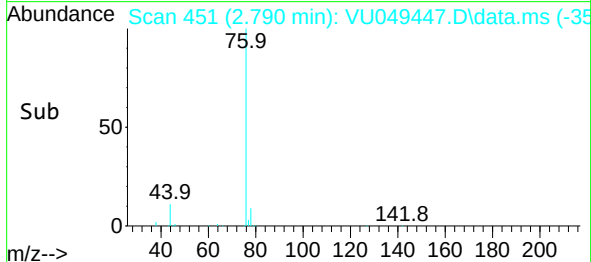
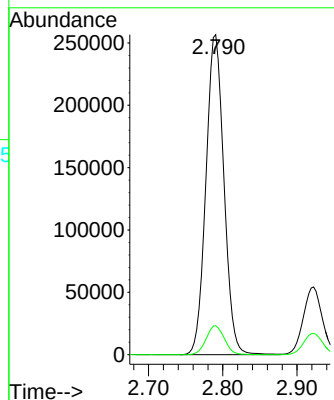
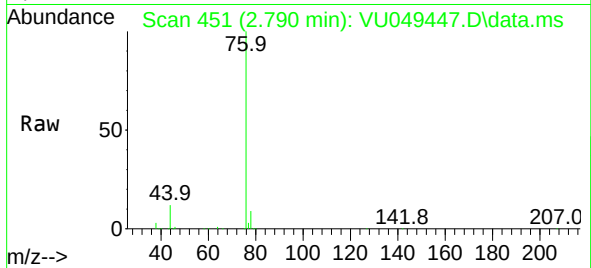




#17
Carbon Disulfide
Concen: 44.450 ug/l
RT: 2.790 min Scan# 41
Delta R.T. 0.013 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

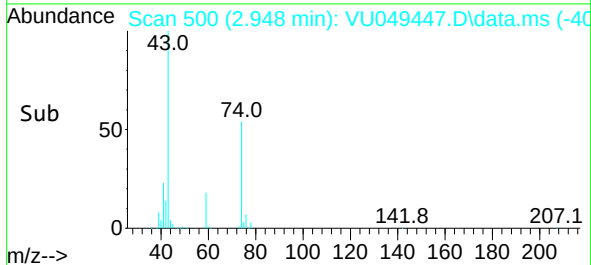
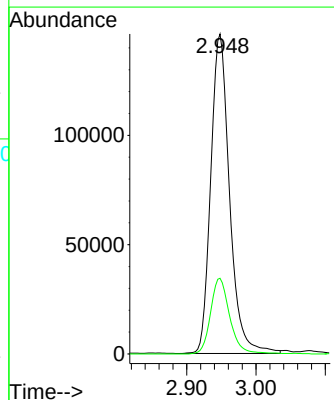
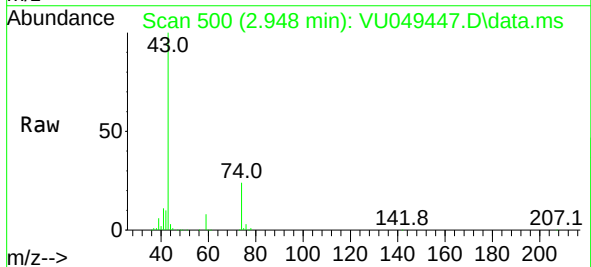
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

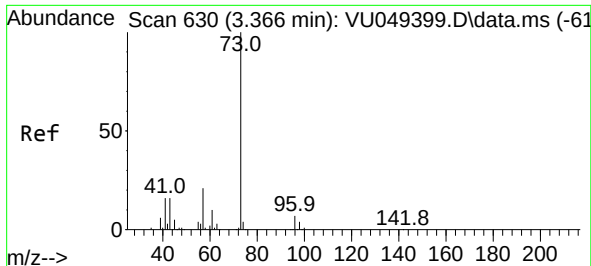
Tgt Ion: 76 Resp: 431715
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 45.662 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion: 43 Resp: 275267
Ion Ratio Lower Upper
43 100
74 24.2 22.5 33.7

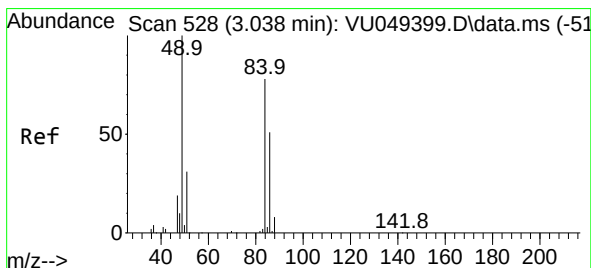
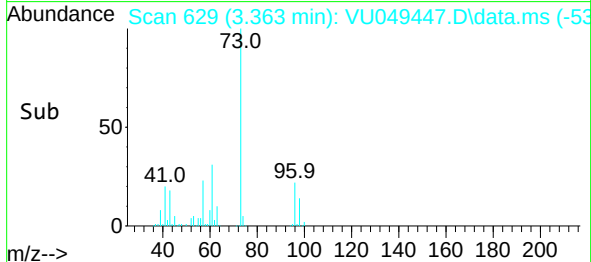
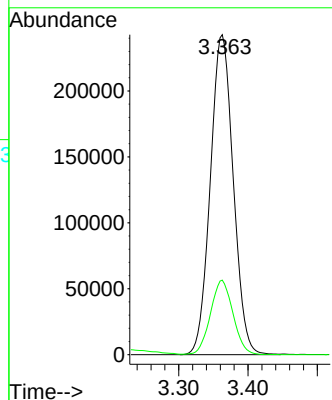
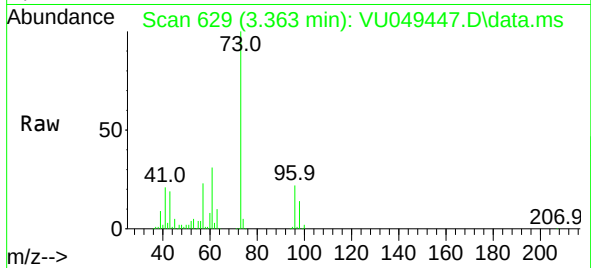




#19
Methyl tert-butyl Ether
Concen: 48.137 ug/l
RT: 3.363 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

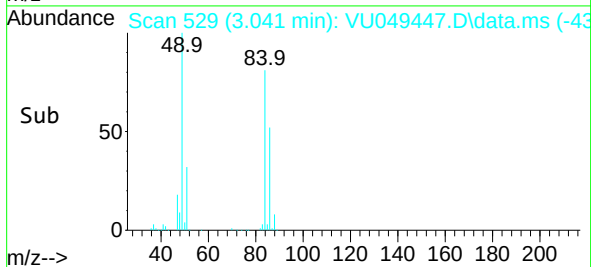
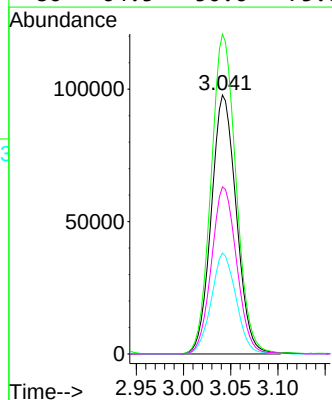
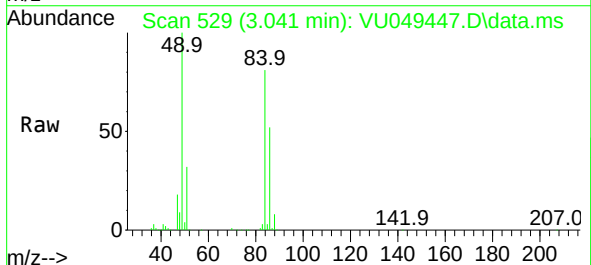
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

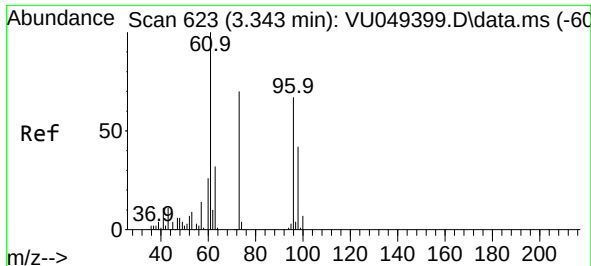
Tgt Ion: 73 Resp: 557577
Ion Ratio Lower Upper
73 100
57 23.3 17.1 25.7



#20
Methylene Chloride
Concen: 48.561 ug/l
RT: 3.041 min Scan# 529
Delta R.T. 0.004 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion: 84 Resp: 180098
Ion Ratio Lower Upper
84 100
49 123.6 86.6 129.8
51 39.0 26.6 40.0
86 64.5 50.6 75.8

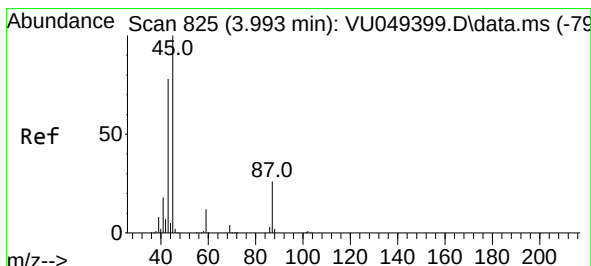
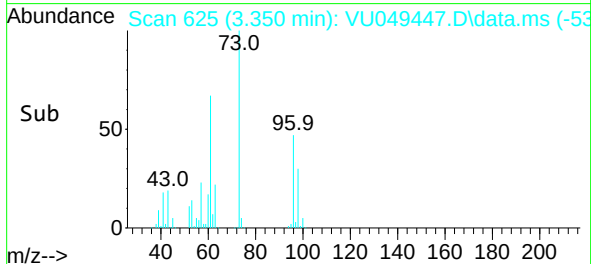
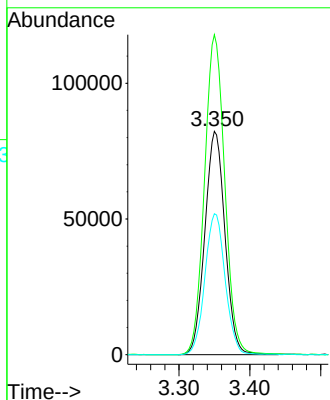
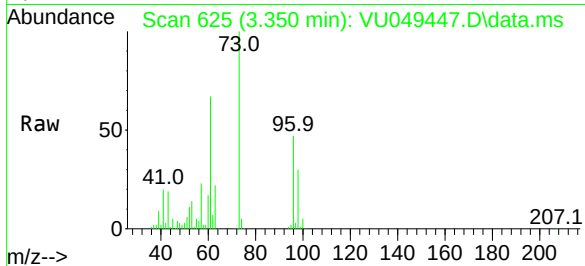




#21
trans-1,2-Dichloroethene
Concen: 48.417 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

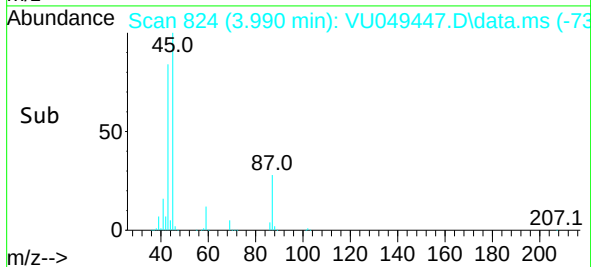
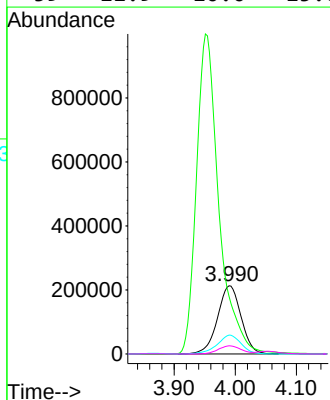
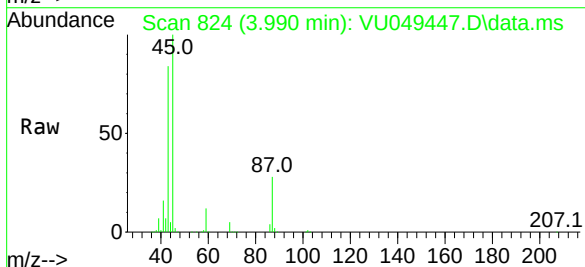
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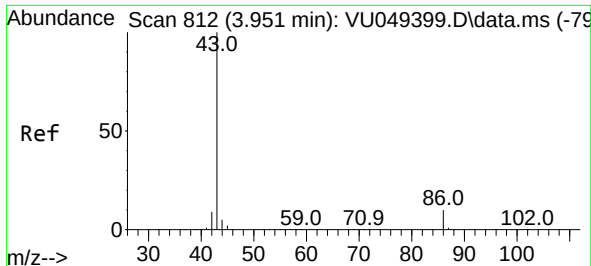
Tgt Ion: 96 Resp: 162547
Ion Ratio Lower Upper
96 100
61 143.2 106.1 159.1
98 63.1 50.8 76.2



#22
Diisopropyl ether
Concen: 47.405 ug/l
RT: 3.990 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion: 45 Resp: 569678
Ion Ratio Lower Upper
45 100
43 83.8 92.9 139.3#
87 27.5 26.2 39.2
59 11.9 10.0 15.0

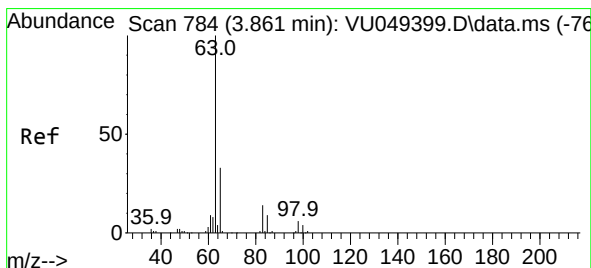
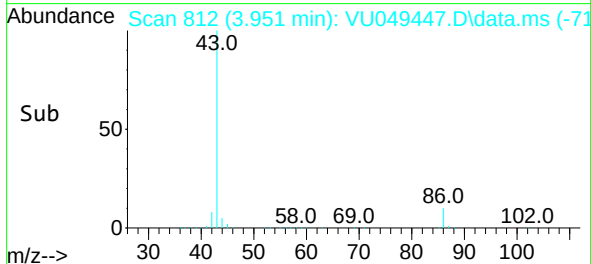
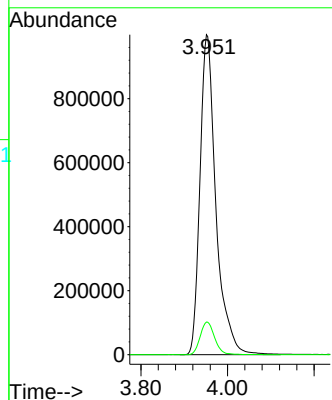
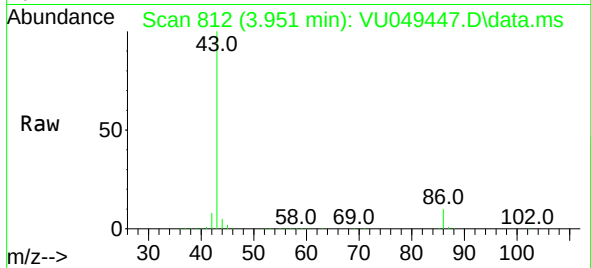




#23
 Vinyl Acetate
 Concen: 242.424 ug/l
 RT: 3.951 min Scan# 812
 Delta R.T. 0.000 min
 Lab File: VU049447.D
 Acq: 28 Jun 2022 10:22

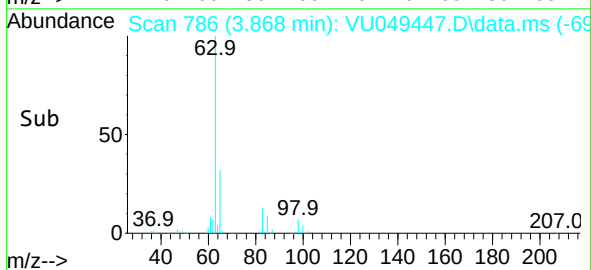
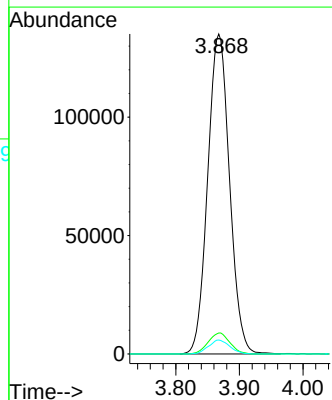
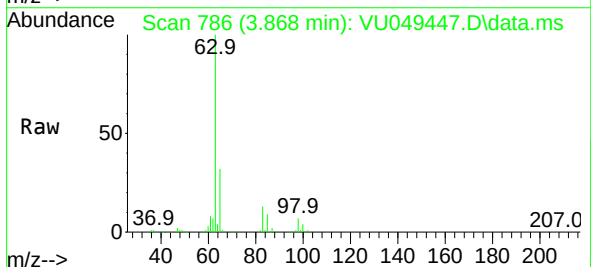
Instrument :
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 ClientSampleId :
 VSTDCCC050

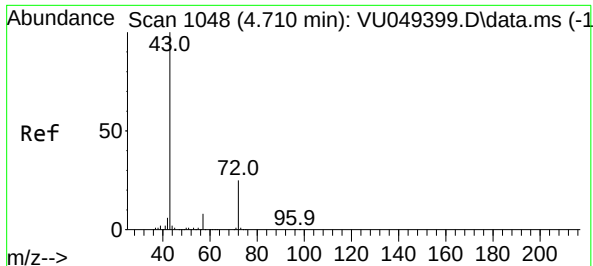
Tgt Ion: 43 Resp: 2553458
 Ion Ratio Lower Upper
 43 100
 86 10.2 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 46.621 ug/l
 RT: 3.868 min Scan# 786
 Delta R.T. 0.007 min
 Lab File: VU049447.D
 Acq: 28 Jun 2022 10:22

Tgt Ion: 63 Resp: 321815
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.9
 100 4.4 2.4 7.2

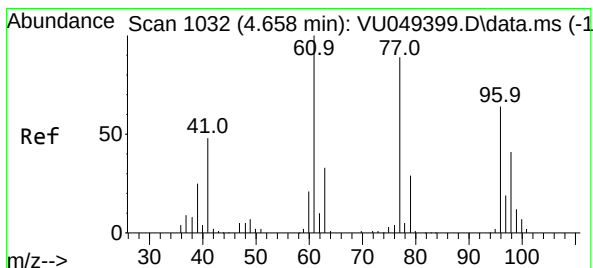
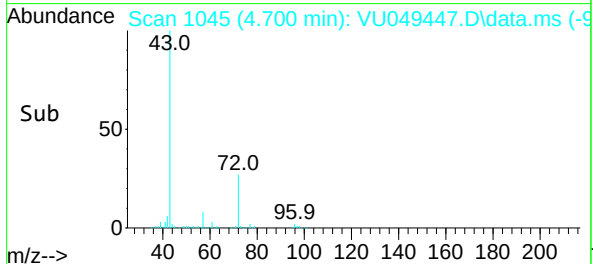
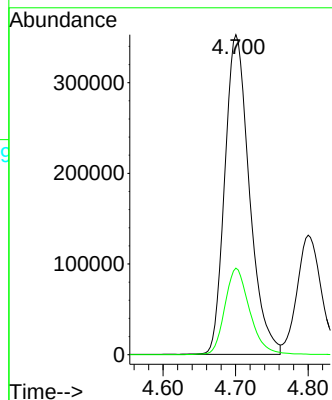
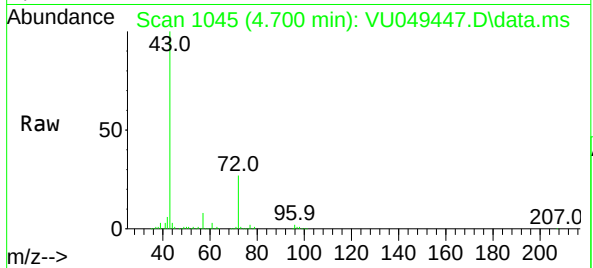




#25
2-Butanone
Concen: 248.912 ug/l
RT: 4.700 min Scan# 1045
Delta R.T. -0.009 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

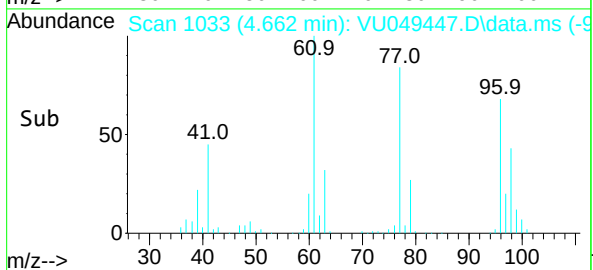
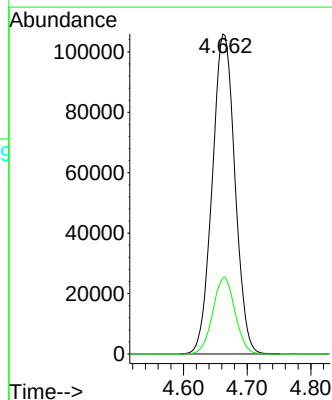
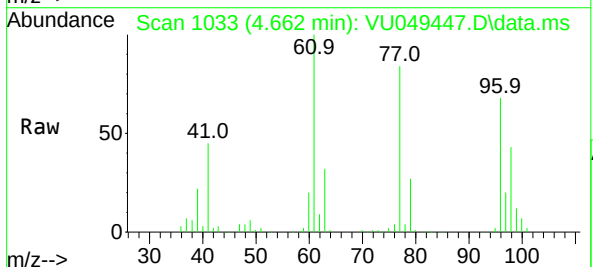
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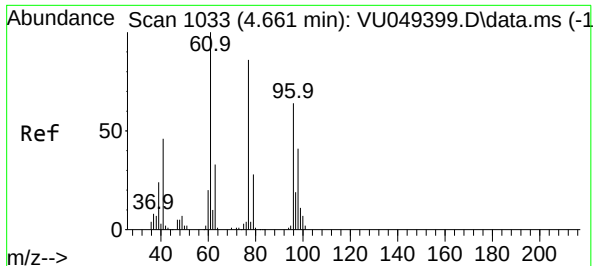
Tgt Ion: 43 Resp: 830715
Ion Ratio Lower Upper
43 100
72 27.1 23.8 35.6



#26
2,2-Dichloropropane
Concen: 45.600 ug/l
RT: 4.662 min Scan# 1033
Delta R.T. 0.004 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion: 77 Resp: 261980
Ion Ratio Lower Upper
77 100
97 23.5 11.6 34.8

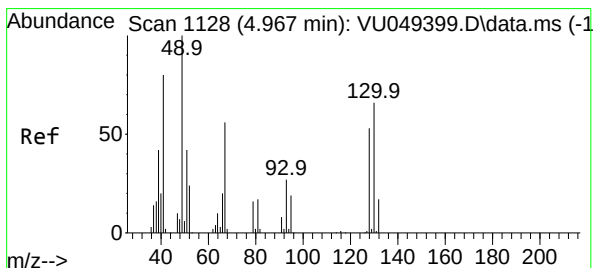
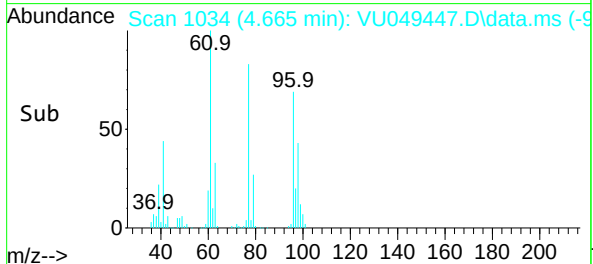
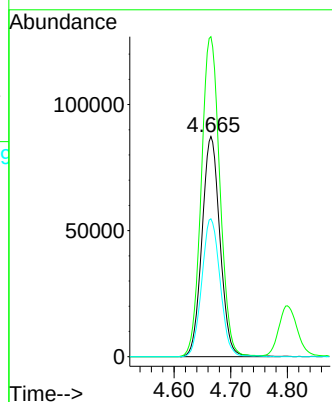
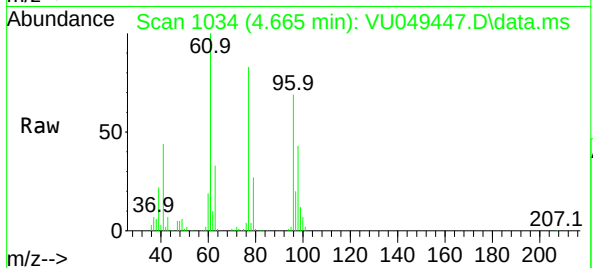




#27
 cis-1,2-Dichloroethene
 Concen: 49.593 ug/l
 RT: 4.665 min Scan# 1033
 Delta R.T. 0.004 min
 Lab File: VU049447.D
 Acq: 28 Jun 2022 10:22

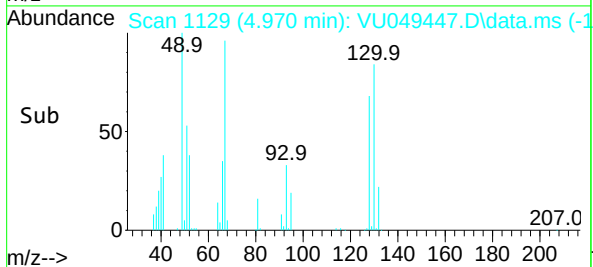
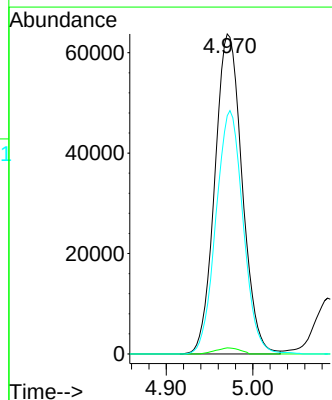
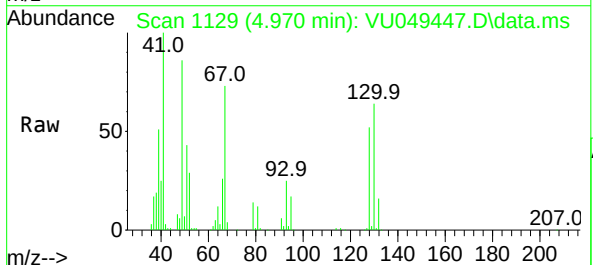
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

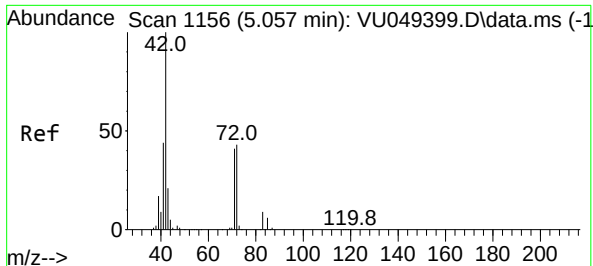
Tgt Ion: 96 Resp: 192370
 Ion Ratio Lower Upper
 96 100
 61 150.3 0.0 271.6
 98 63.8 0.0 128.2



#28
 Bromochloromethane
 Concen: 46.287 ug/l
 RT: 4.970 min Scan# 1129
 Delta R.T. 0.004 min
 Lab File: VU049447.D
 Acq: 28 Jun 2022 10:22

Tgt Ion: 49 Resp: 139660
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 75.9 76.9 115.3#





#29

Tetrahydrofuran

Concen: 238.945 ug/l

RT: 5.048 min Scan# 1153

Delta R.T. -0.009 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

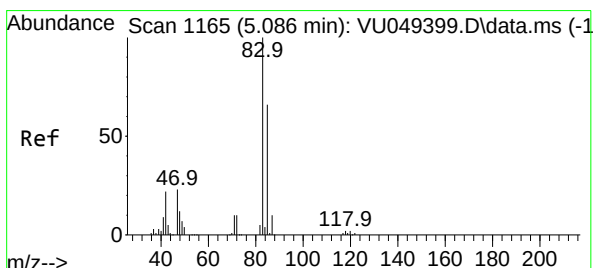
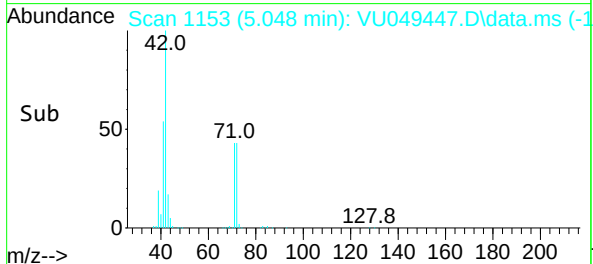
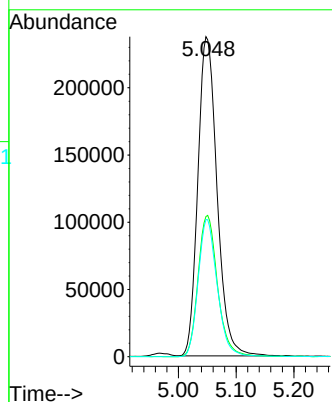
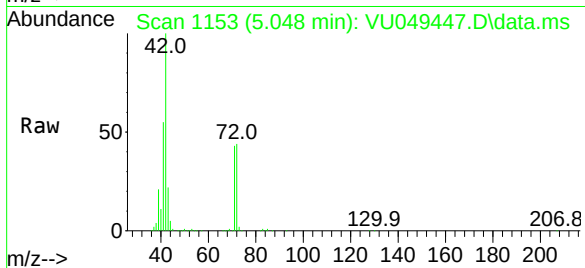
Tgt Ion: 42 Resp: 547060

Ion Ratio Lower Upper

42 100

72 45.1 42.6 63.8

71 42.7 40.3 60.5



#30

Chloroform

Concen: 45.242 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU049447.D

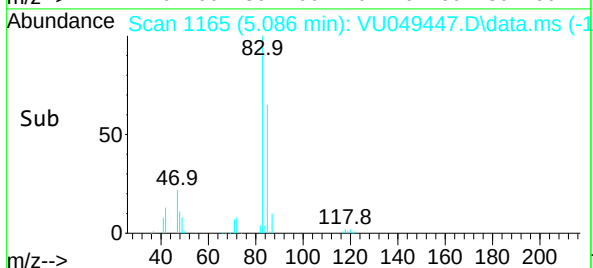
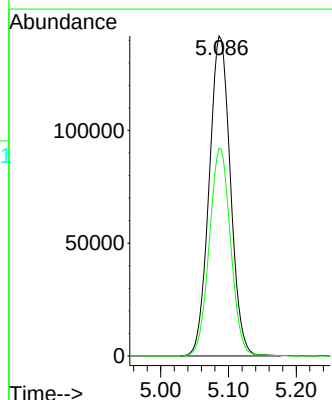
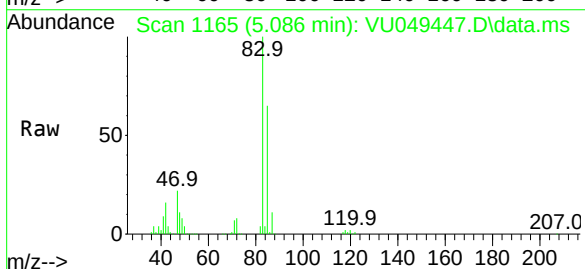
Acq: 28 Jun 2022 10:22

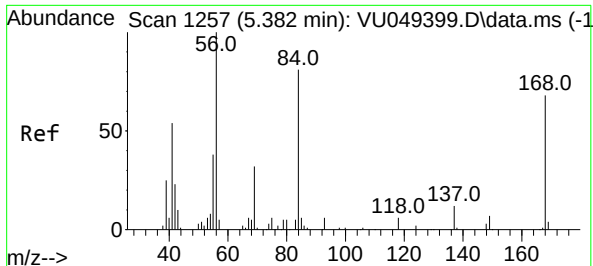
Tgt Ion: 83 Resp: 308927

Ion Ratio Lower Upper

83 100

85 65.0 51.2 76.8

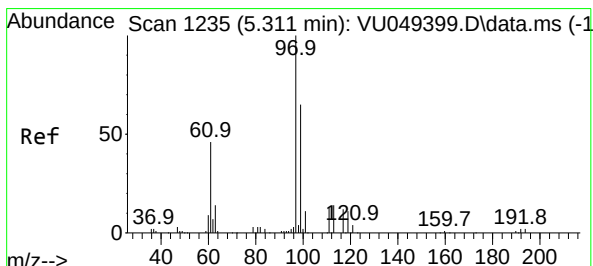
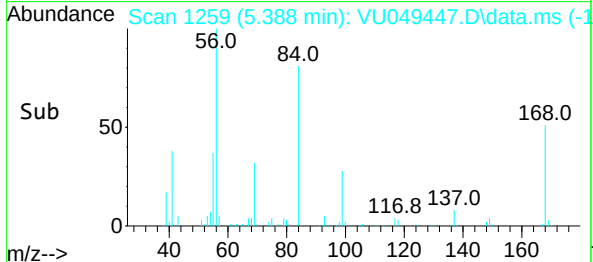
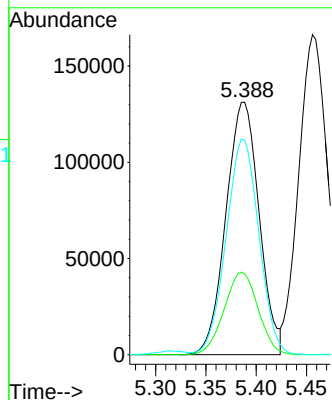
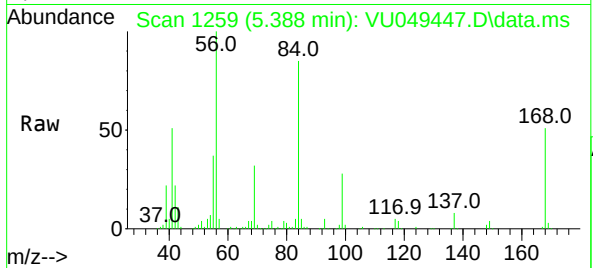




#31
Cyclohexane
Concen: 45.543 ug/l
RT: 5.388 min Scan# 1257
Delta R.T. 0.007 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

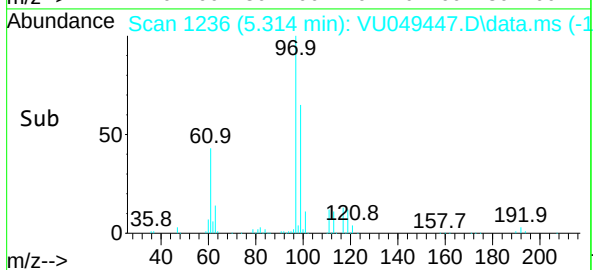
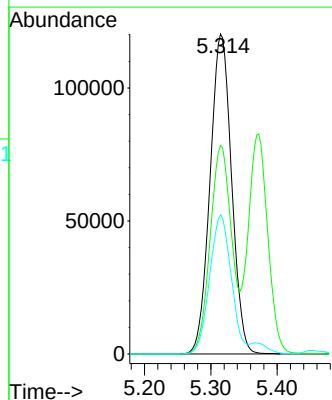
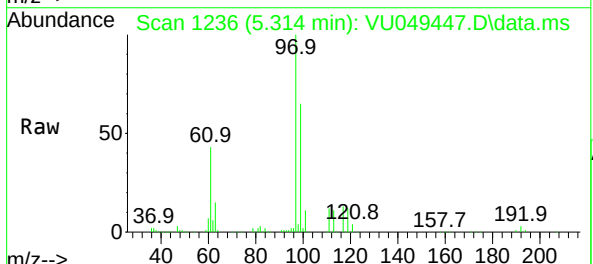
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

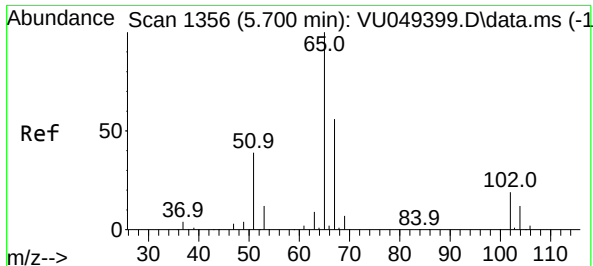
Tgt Ion: 56 Resp: 301983
Ion Ratio Lower Upper
56 100
69 31.9 27.8 41.8
84 83.7 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 45.719 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. 0.004 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion: 97 Resp: 270866
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.6
61 43.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 44.982 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

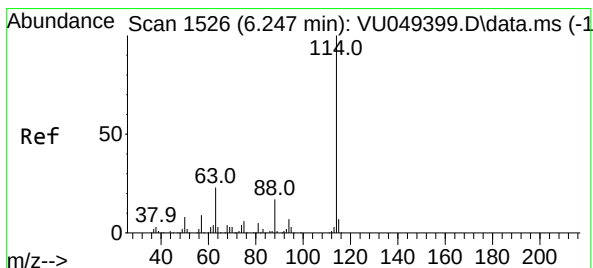
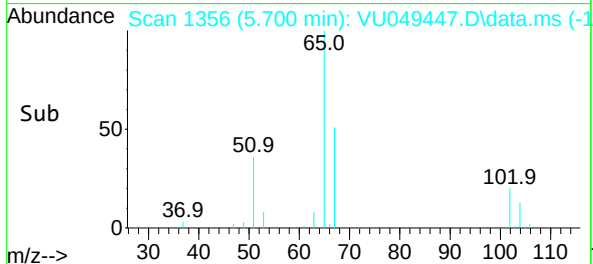
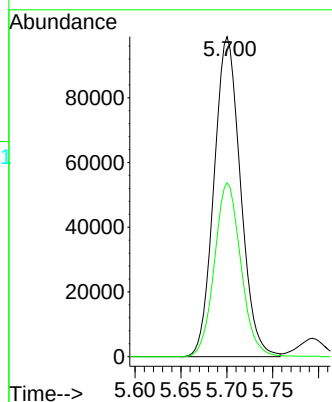
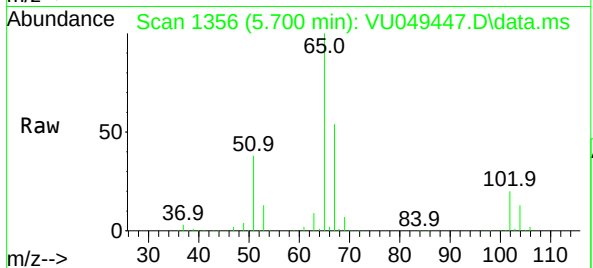
VSTDCCC050

Tgt Ion: 65 Resp: 198640

Ion Ratio Lower Upper

65 100

67 54.0 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. 0.000 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

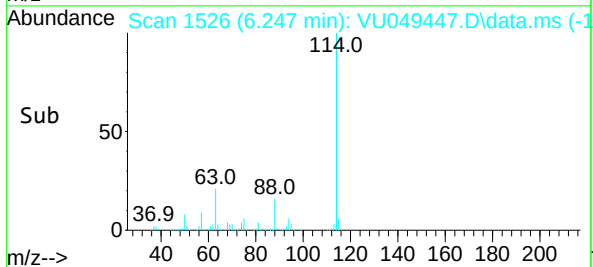
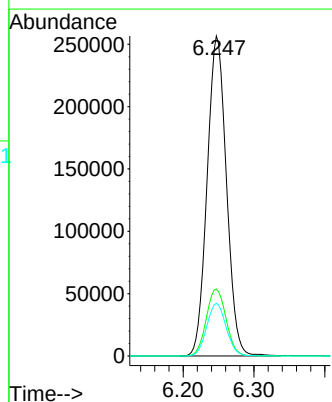
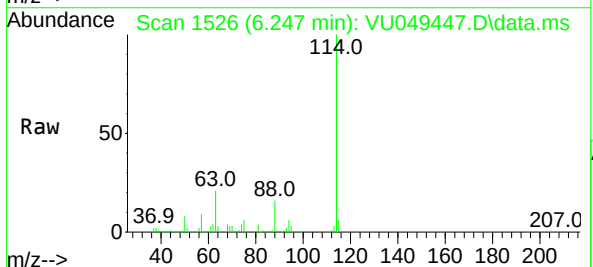
Tgt Ion: 114 Resp: 485507

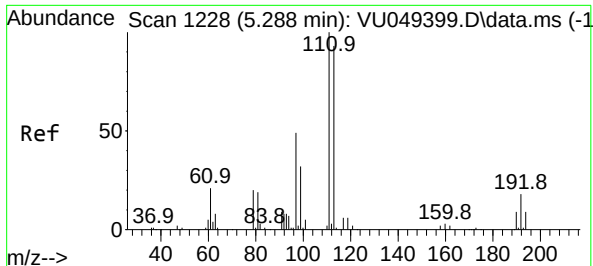
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.8

88 16.5 0.0 29.2





#35

Dibromofluoromethane

Concen: 47.970 ug/l

RT: 5.285 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

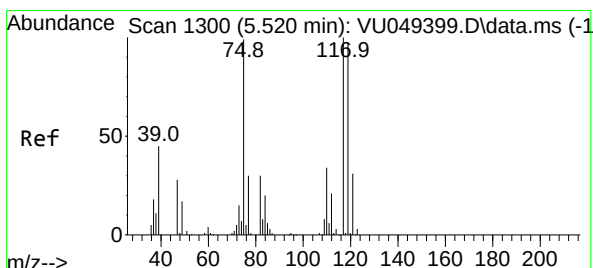
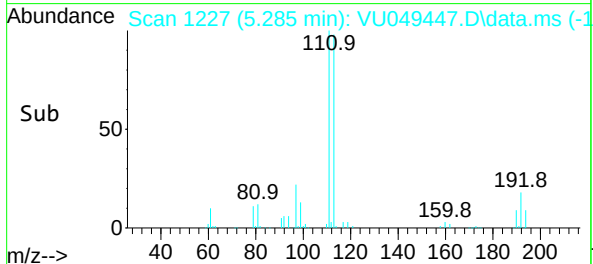
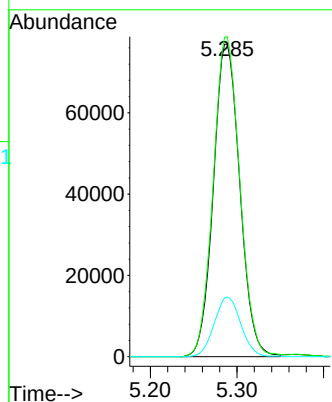
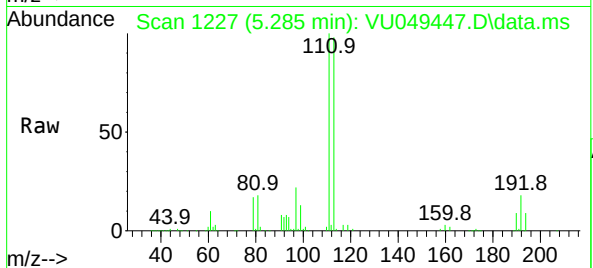
Tgt Ion:113 Resp: 162940

Ion Ratio Lower Upper

113 100

111 103.2 82.1 123.1

192 19.2 18.0 27.0



#36

1,1-Dichloropropene

Concen: 46.996 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.004 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

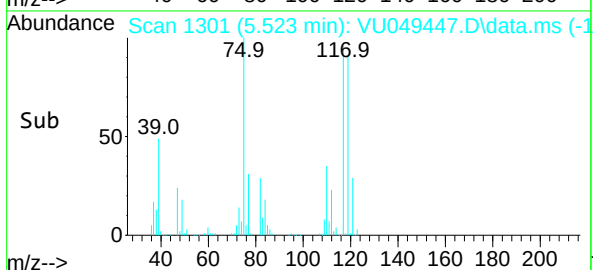
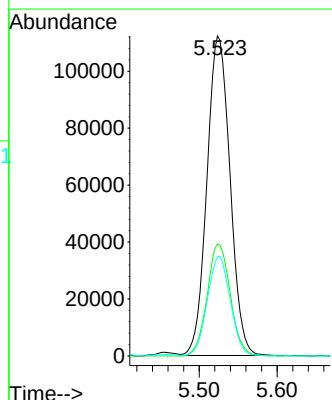
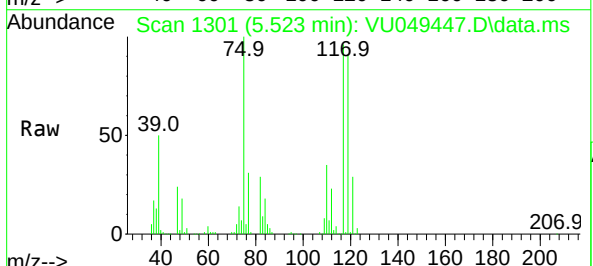
Tgt Ion: 75 Resp: 231465

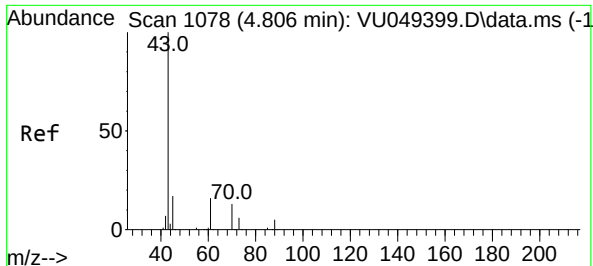
Ion Ratio Lower Upper

75 100

110 35.0 18.4 55.2

77 31.1 25.1 37.7





#37

Ethyl Acetate

Concen: 45.910 ug/l

RT: 4.800 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

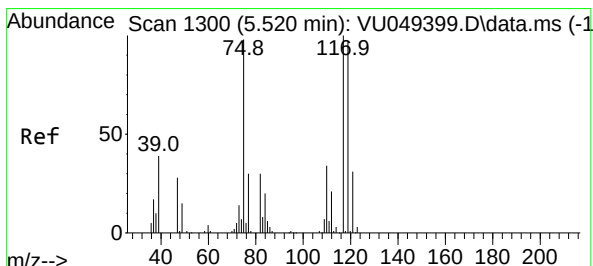
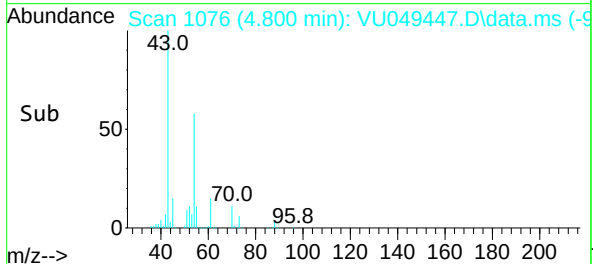
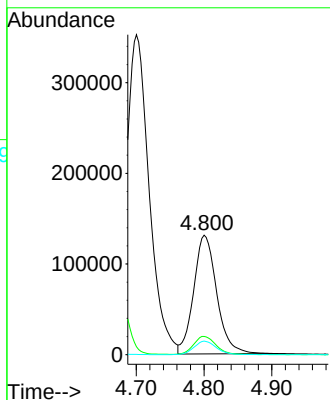
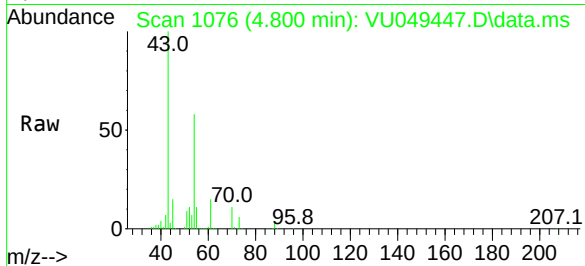
Tgt Ion: 43 Resp: 308981

Ion Ratio Lower Upper

43 100

61 14.8 9.5 14.3#

70 11.1 7.5 11.3



#38

Carbon Tetrachloride

Concen: 44.868 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.004 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

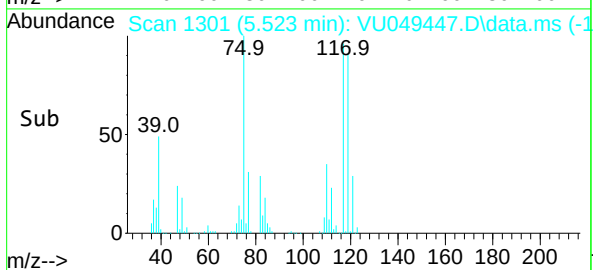
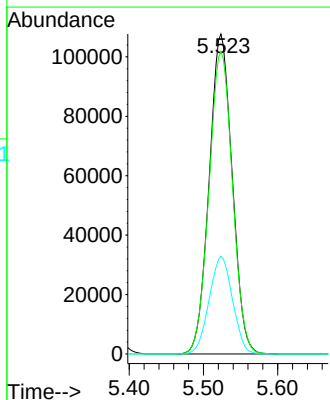
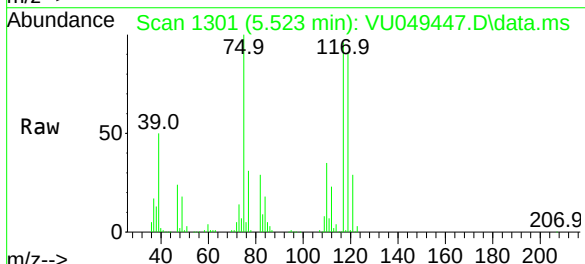
Tgt Ion: 117 Resp: 231755

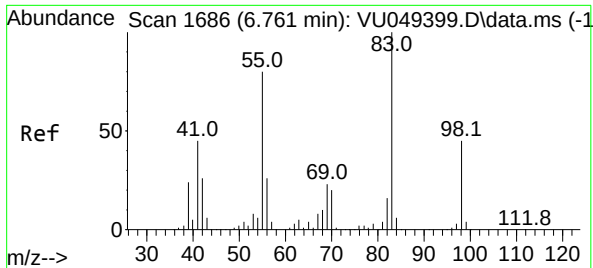
Ion Ratio Lower Upper

117 100

119 94.5 76.8 115.2

121 30.6 24.7 37.1

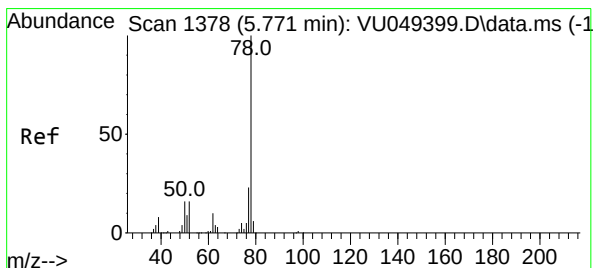
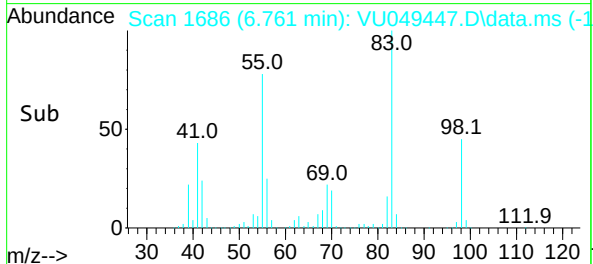
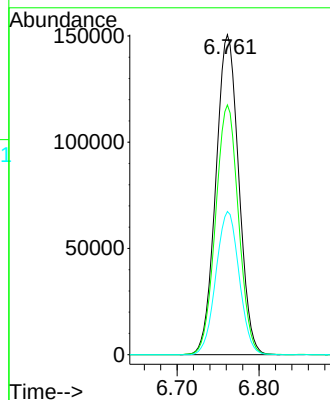
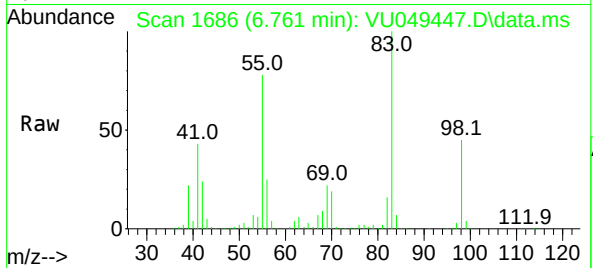




#39
Methylcyclohexane
Concen: 49.540 ug/l
RT: 6.761 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

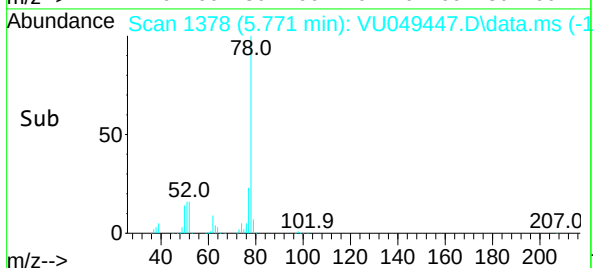
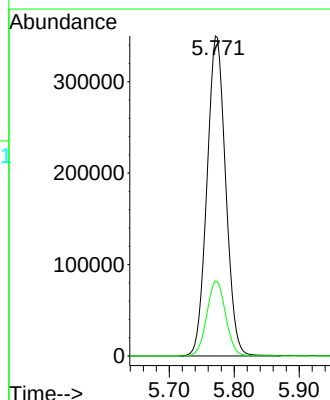
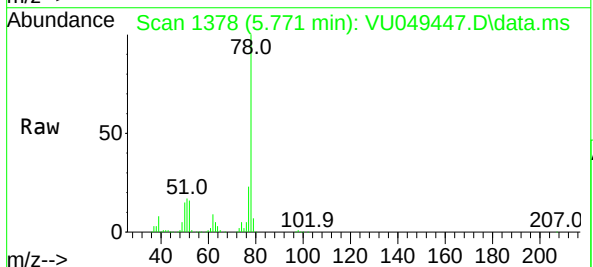
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

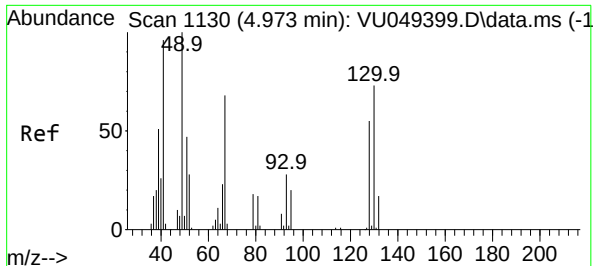
Tgt Ion: 83 Resp: 292464
Ion Ratio Lower Upper
83 100
55 78.1 55.3 82.9
98 44.8 37.3 55.9



#40
Benzene
Concen: 47.054 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion: 78 Resp: 699682
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

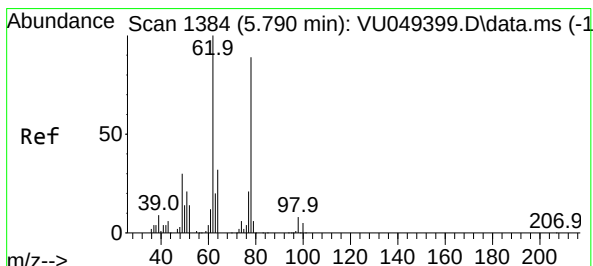
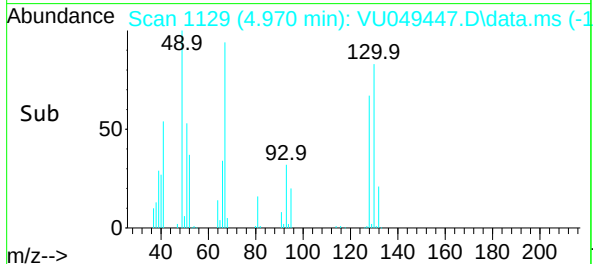
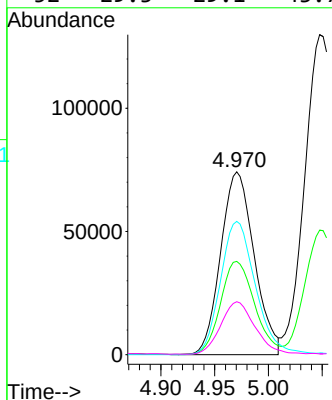
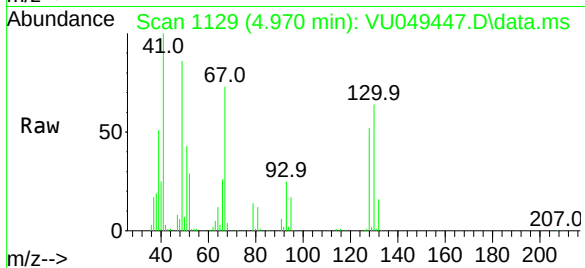




#41
Methacrylonitrile
Concen: 47.761 ug/l
RT: 4.970 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

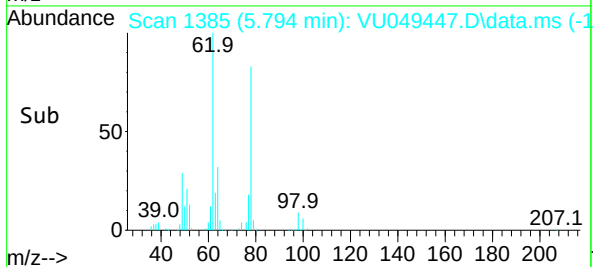
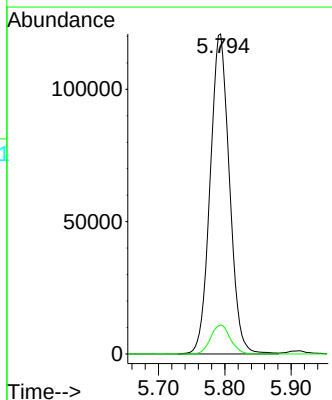
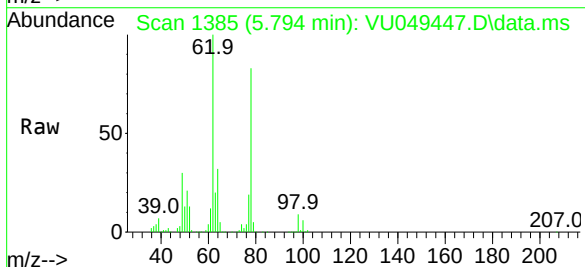
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

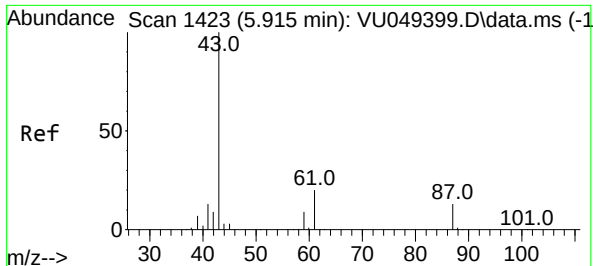
Tgt Ion: 41 Resp: 161066
Ion Ratio Lower Upper
41 100
39 51.8 43.1 64.7
67 76.8 72.3 108.5
52 29.3 29.1 43.7



#42
1,2-Dichloroethane
Concen: 44.222 ug/l
RT: 5.794 min Scan# 1385
Delta R.T. 0.004 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion: 62 Resp: 244741
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.6

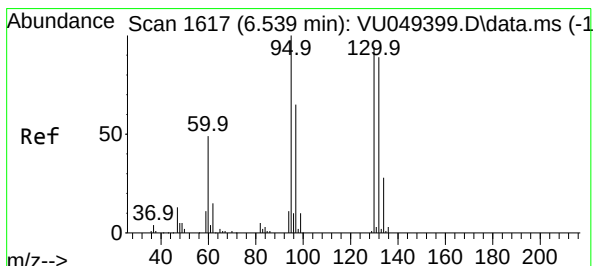
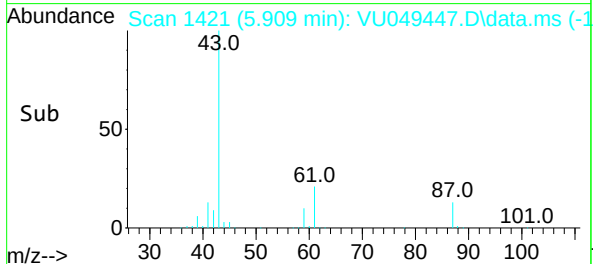
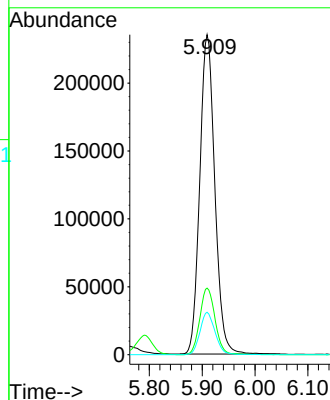
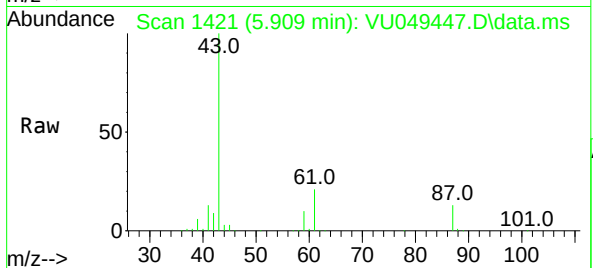




#43
Isopropyl Acetate
Concen: 47.170 ug/l
RT: 5.909 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

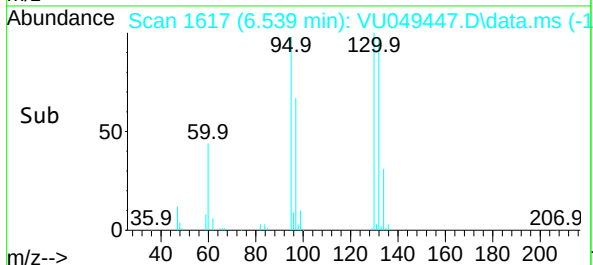
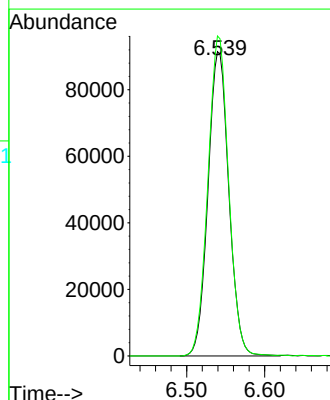
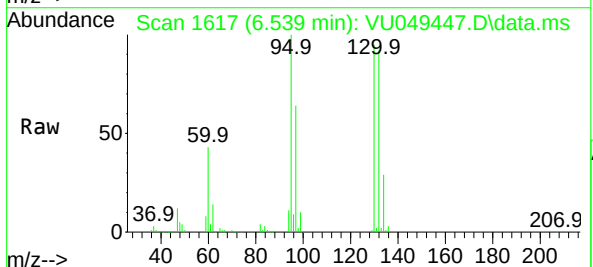
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

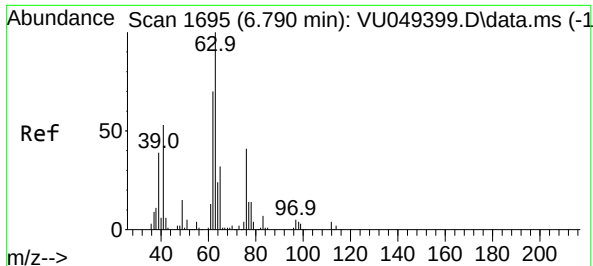
Tgt Ion: 43 Resp: 465168
Ion Ratio Lower Upper
43 100
61 21.1 17.4 26.0
87 13.3 12.6 18.8



#44
Trichloroethene
Concen: 48.039 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion:130 Resp: 169813
Ion Ratio Lower Upper
130 100
95 105.2 0.0 184.6





#45

1,2-Dichloropropane

Concen: 46.090 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

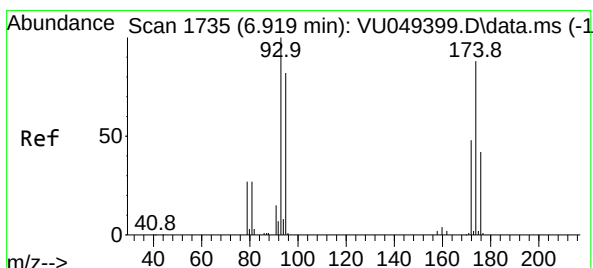
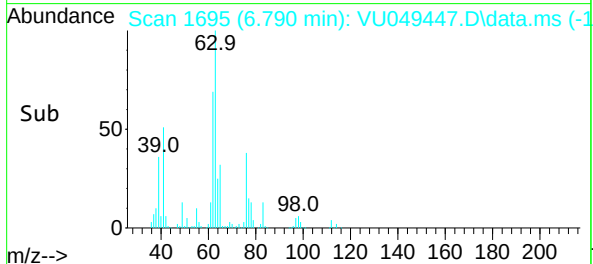
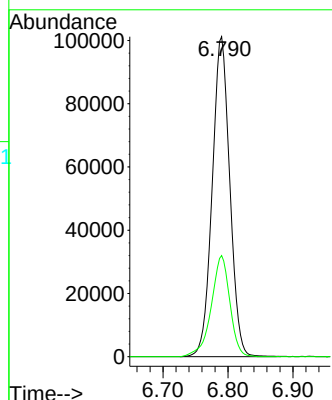
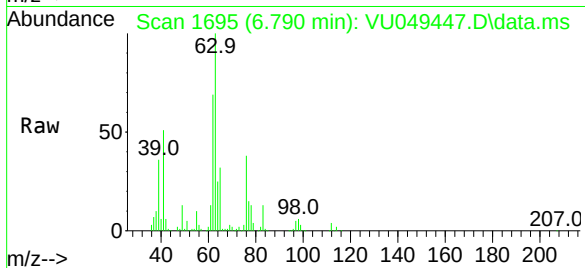
VSTDCCC050

Tgt Ion: 63 Resp: 189903

Ion Ratio Lower Upper

63 100

65 31.6 25.0 37.4



#46

Dibromomethane

Concen: 46.586 ug/l

RT: 6.916 min Scan# 1734

Delta R.T. -0.003 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

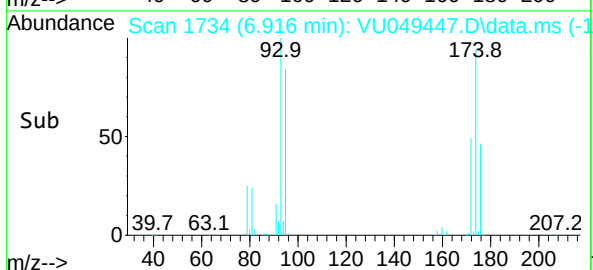
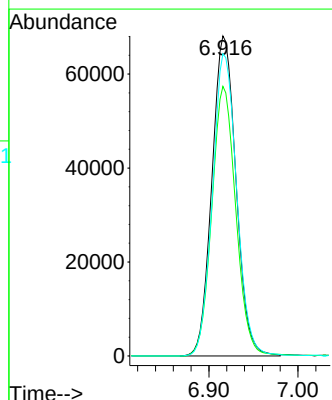
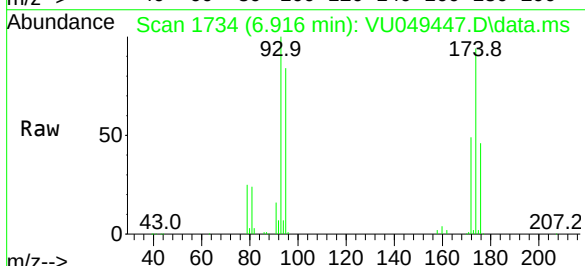
Tgt Ion: 93 Resp: 127976

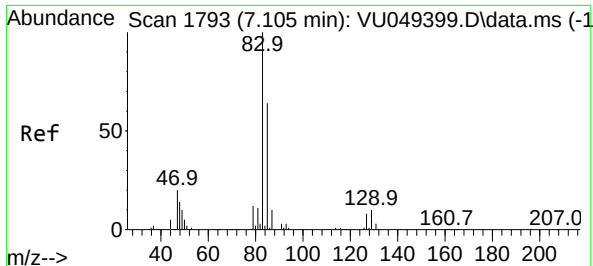
Ion Ratio Lower Upper

93 100

95 83.9 66.3 99.5

174 95.0 88.2 132.4





#47

Bromodichloromethane

Concen: 45.874 ug/l

RT: 7.105 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

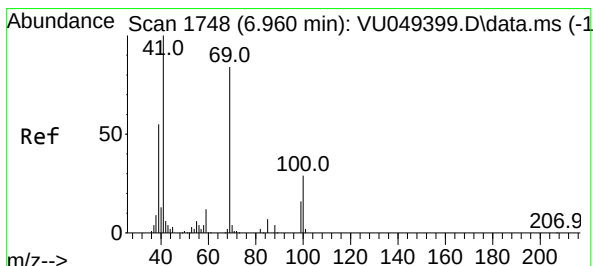
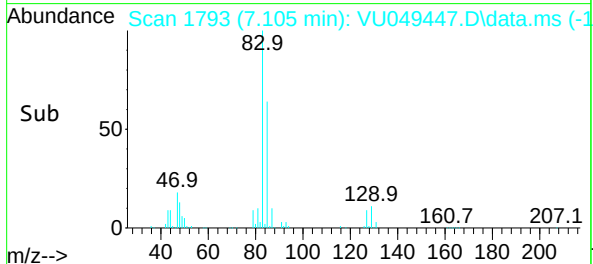
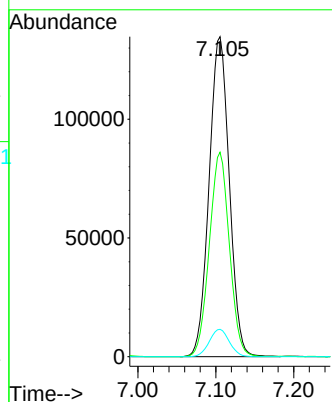
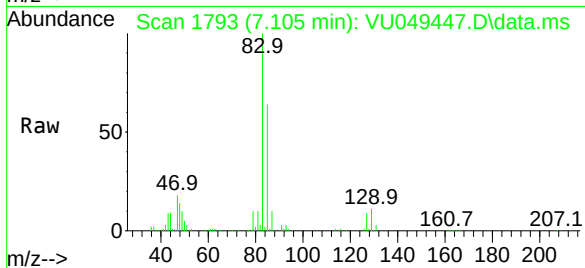
Tgt Ion: 83 Resp: 242552

Ion Ratio Lower Upper

83 100

85 63.9 51.4 77.2

127 8.5 7.1 10.7



#48

Methyl methacrylate

Concen: 47.795 ug/l

RT: 6.957 min Scan# 1747

Delta R.T. -0.003 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

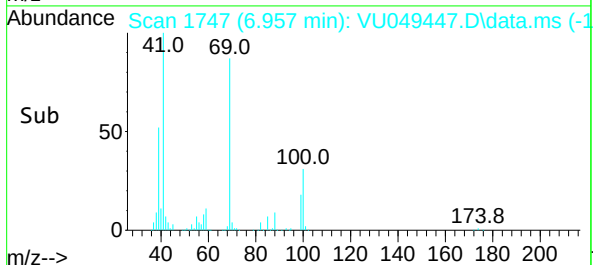
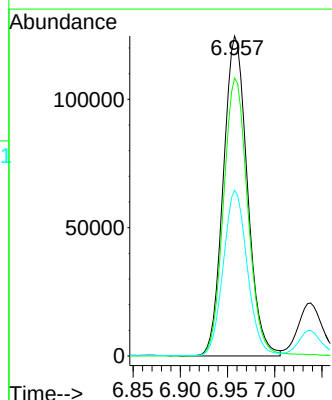
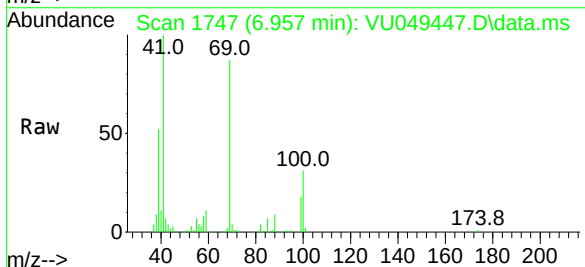
Tgt Ion: 41 Resp: 220882

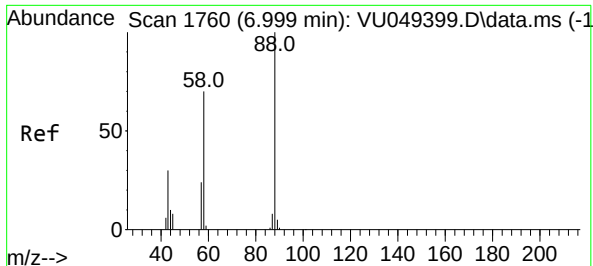
Ion Ratio Lower Upper

41 100

69 87.7 79.8 119.6

39 51.5 47.9 71.9





#49

1,4-Dioxane

Concen: 1039.283 ug/l

RT: 6.986 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

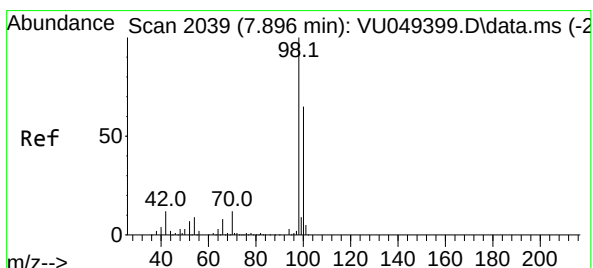
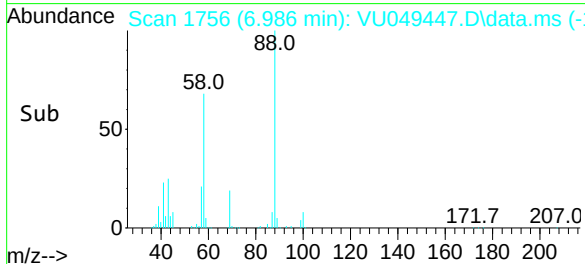
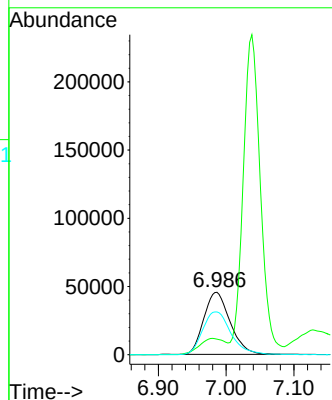
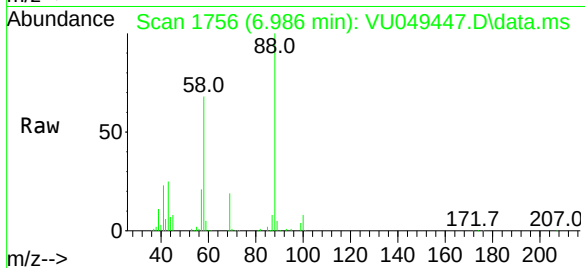
Tgt Ion: 88 Resp: 123052

Ion Ratio Lower Upper

88 100

43 25.0 0.0 0.0#

58 74.7 15.4 23.0#



#50

Toluene-d8

Concen: 49.203 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049447.D

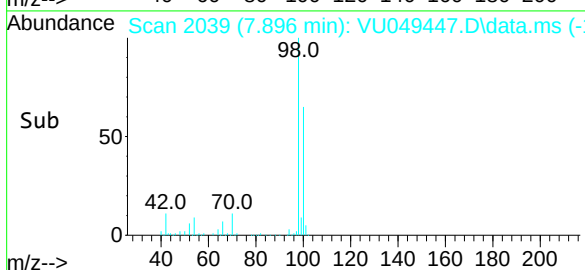
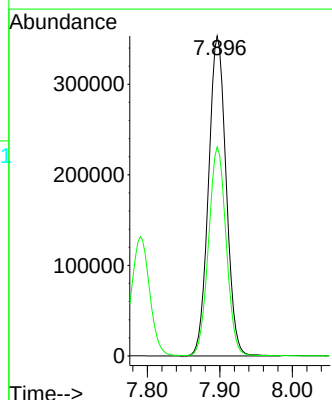
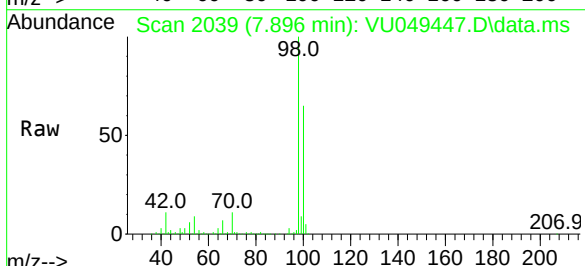
Acq: 28 Jun 2022 10:22

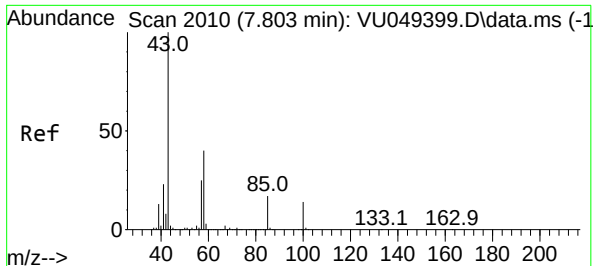
Tgt Ion: 98 Resp: 596109

Ion Ratio Lower Upper

98 100

100 65.1 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 232.870 ug/l

RT: 7.790 min Scan# 2010

Delta R.T. -0.013 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

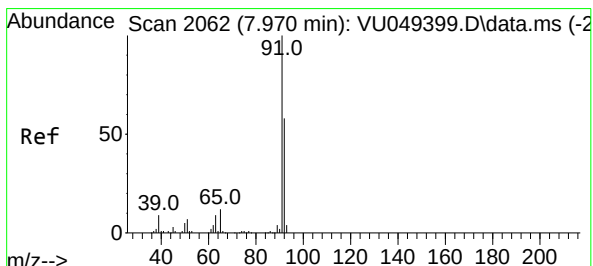
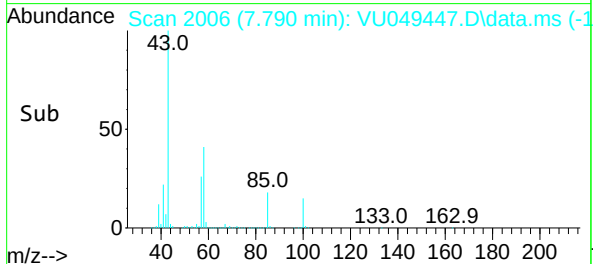
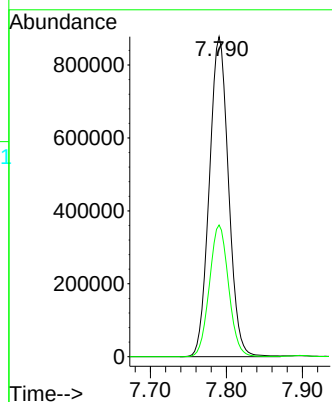
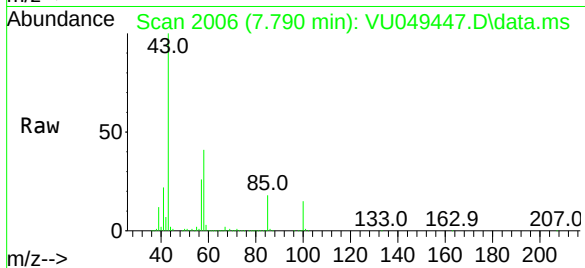
VSTDCCC050

Tgt Ion: 43 Resp: 1536910

Ion Ratio Lower Upper

43 100

58 41.2 34.7 52.1



#52

Toluene

Concen: 48.180 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU049447.D

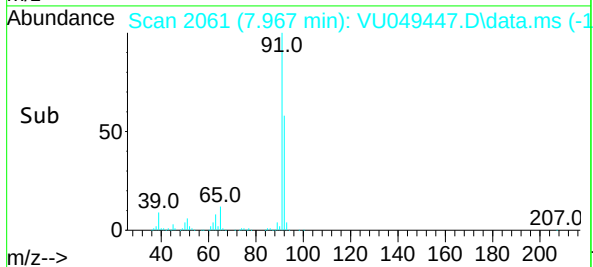
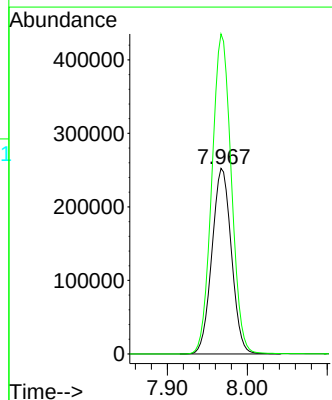
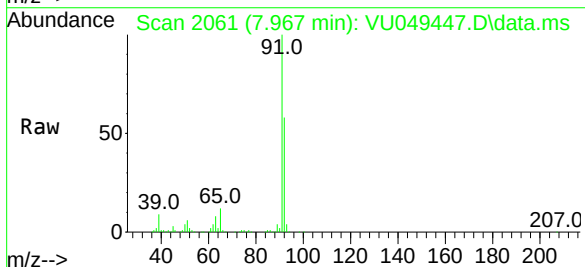
Acq: 28 Jun 2022 10:22

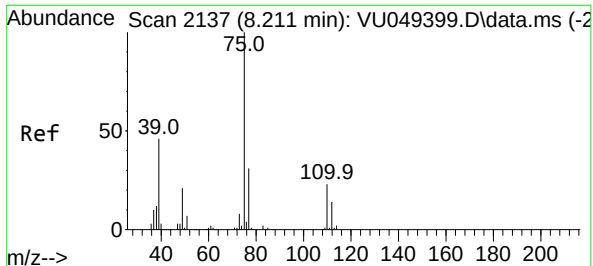
Tgt Ion: 92 Resp: 425816

Ion Ratio Lower Upper

92 100

91 172.8 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 48.418 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

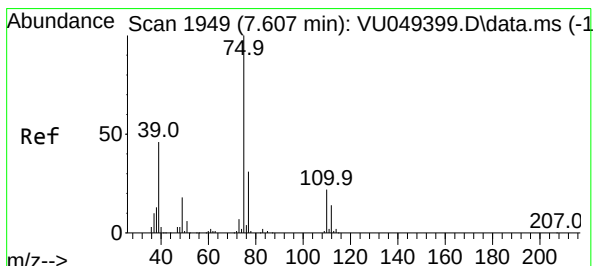
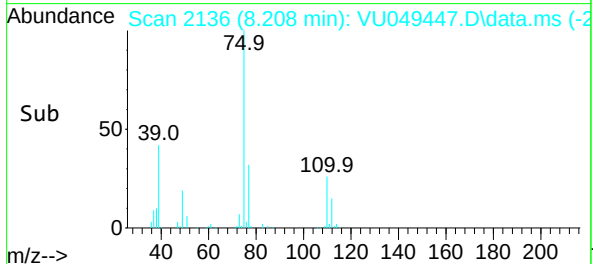
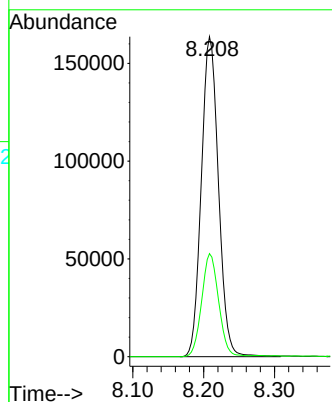
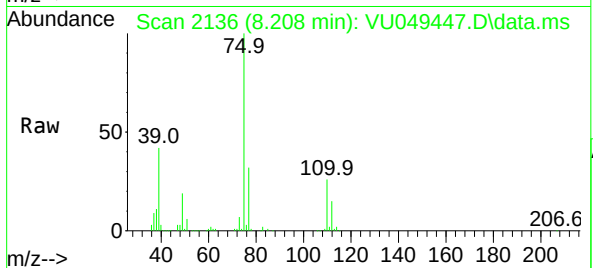
VSTDCCC050

Tgt Ion: 75 Resp: 274604

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 49.257 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

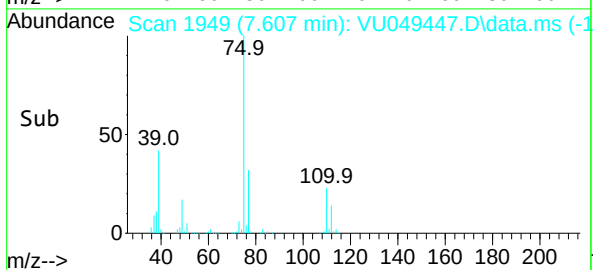
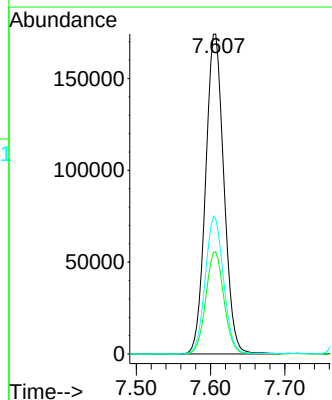
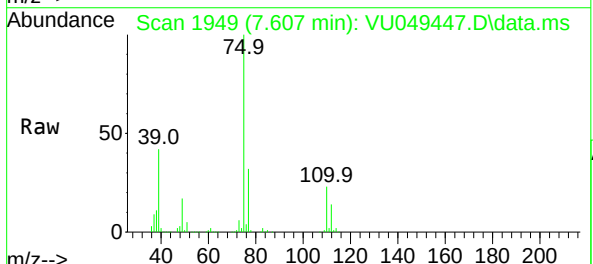
Tgt Ion: 75 Resp: 298285

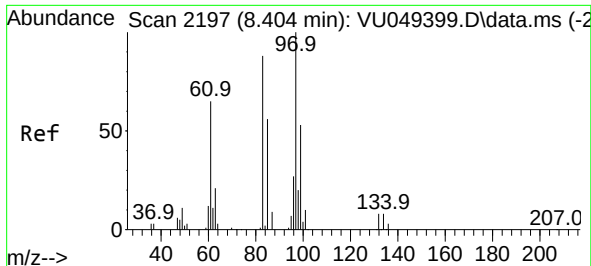
Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5

39 42.3 33.0 49.6



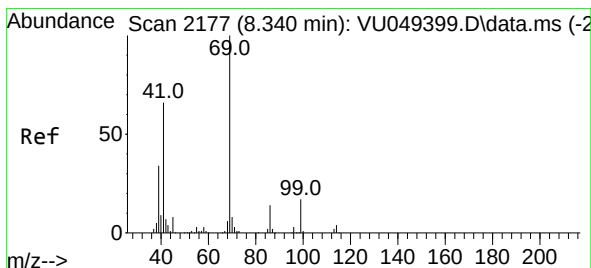
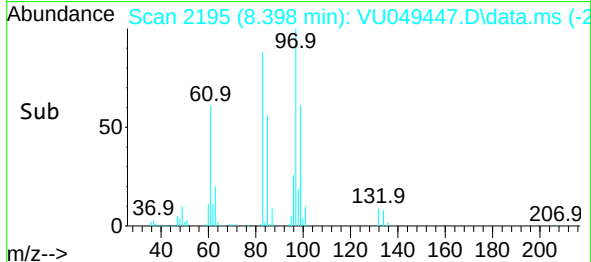
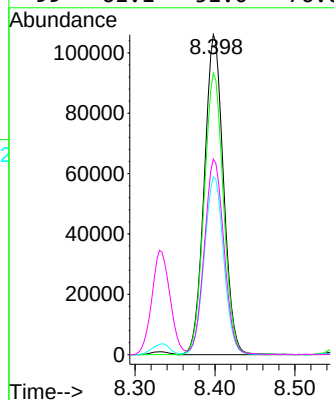
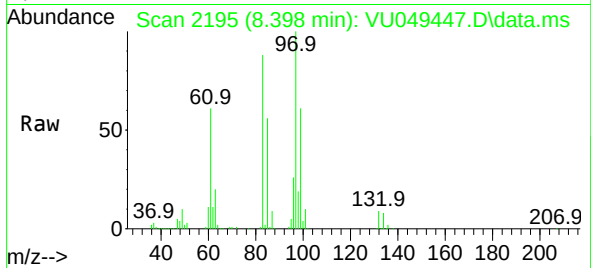


#55
 1,1,2-Trichloroethane
 Concen: 48.515 ug/l
 RT: 8.398 min Scan# 2195
 Delta R.T. -0.006 min
 Lab File: VU049447.D
 Acq: 28 Jun 2022 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 177282

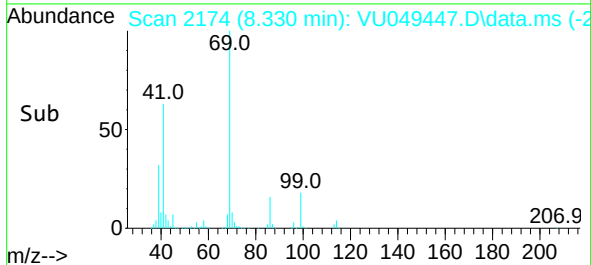
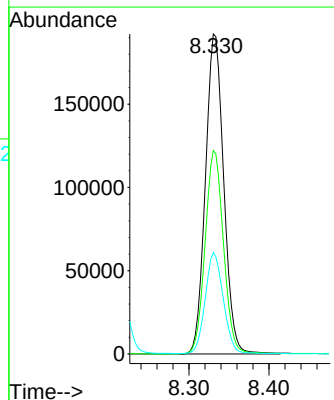
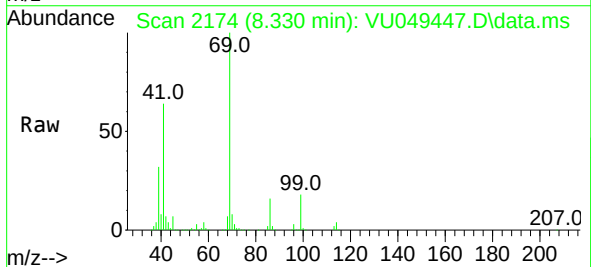
Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.2	105.4
85	55.6	44.6	66.8
99	61.1	51.0	76.6

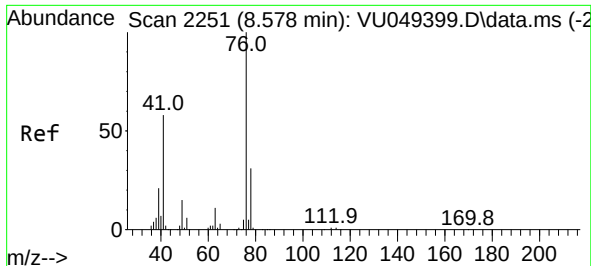


#56
 Ethyl methacrylate
 Concen: 50.245 ug/l
 RT: 8.330 min Scan# 2174
 Delta R.T. -0.009 min
 Lab File: VU049447.D
 Acq: 28 Jun 2022 10:22

Tgt Ion: 69 Resp: 307082

Ion	Ratio	Lower	Upper
69	100		
41	63.9	45.4	68.0
39	31.0	25.7	38.5





#57

1,3-Dichloropropane

Concen: 46.467 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

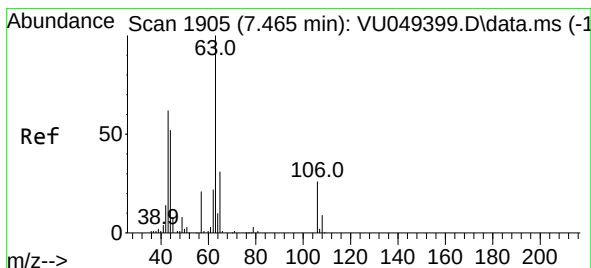
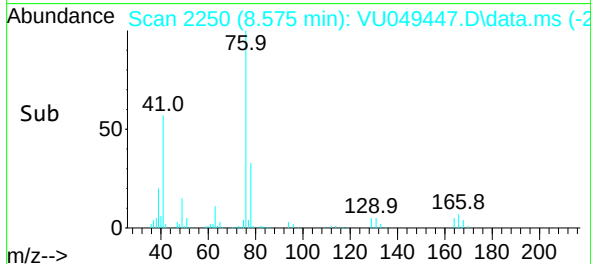
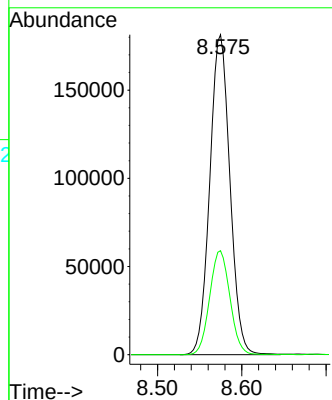
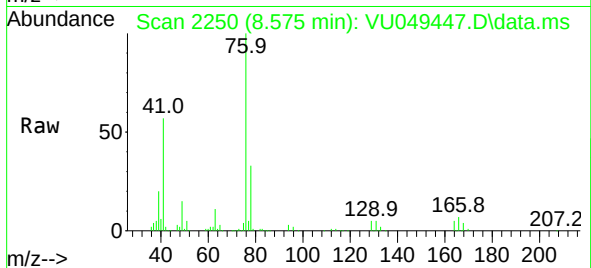
VSTDCCC050

Tgt Ion: 76 Resp: 301209

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 338.924 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VU049447.D

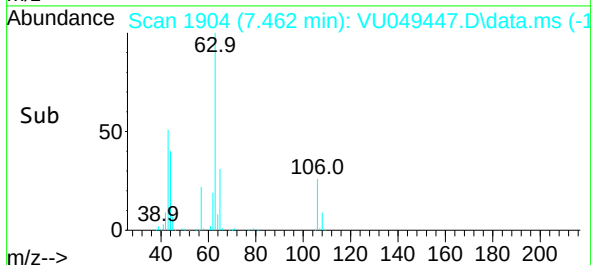
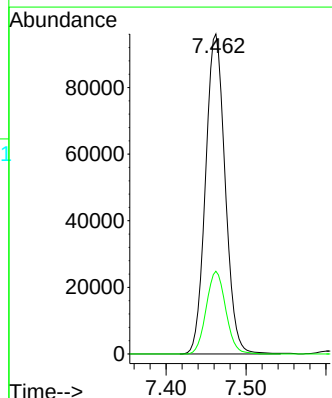
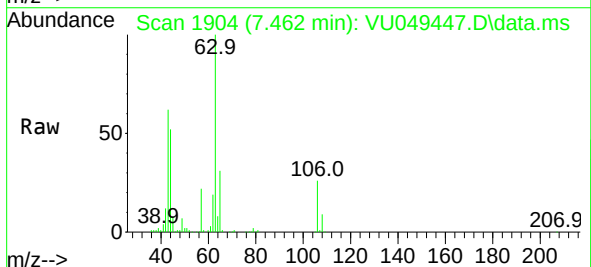
Acq: 28 Jun 2022 10:22

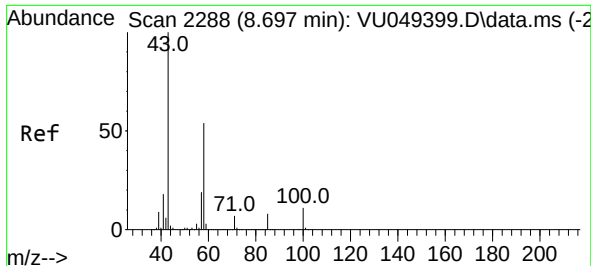
Tgt Ion: 63 Resp: 163898

Ion Ratio Lower Upper

63 100

106 25.7 23.1 34.7

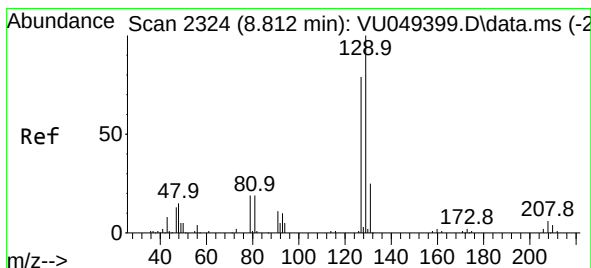
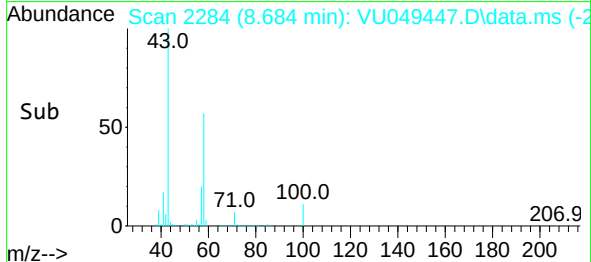
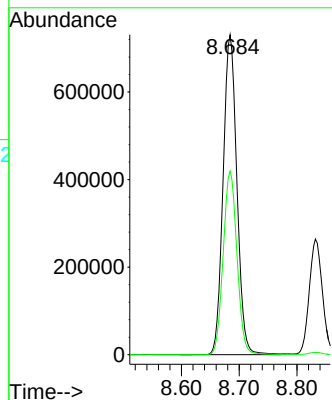
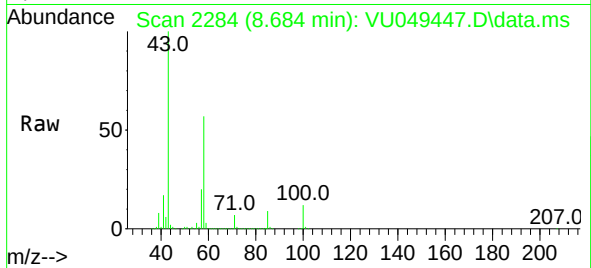




#59
2-Hexanone
Concen: 233.076 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.013 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

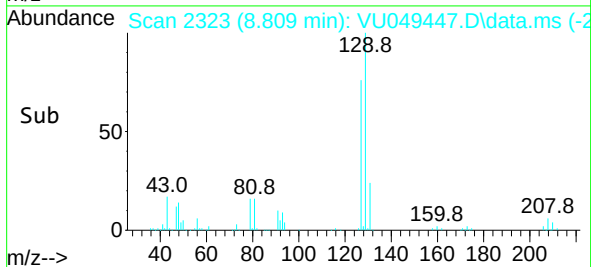
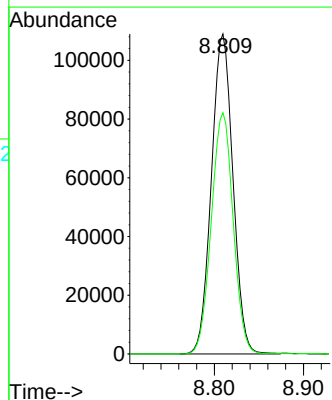
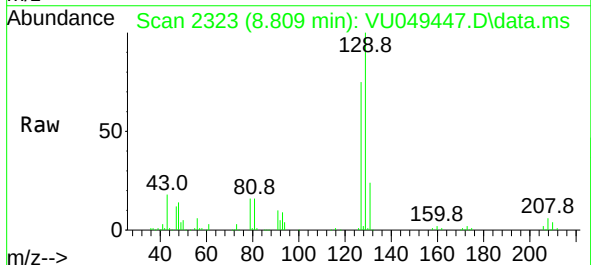
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

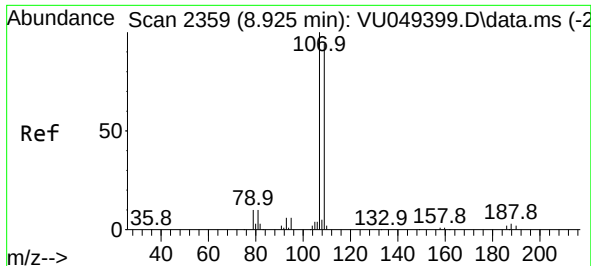
Tgt Ion: 43 Resp: 1209679
Ion Ratio Lower Upper
43 100
58 57.5 30.3 90.8



#60
Dibromochloromethane
Concen: 48.162 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion: 129 Resp: 183015
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0

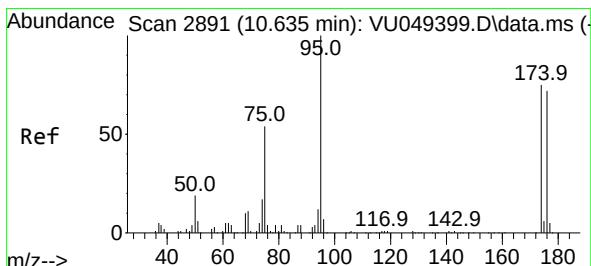
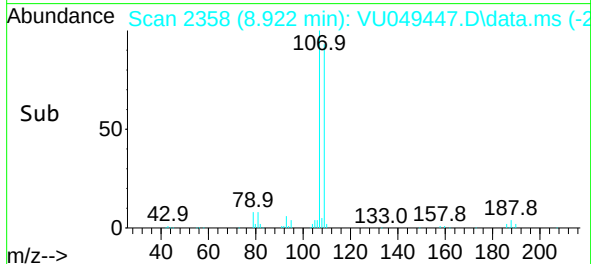
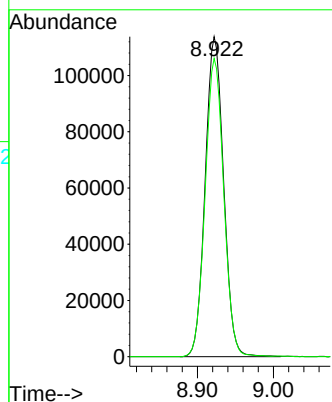
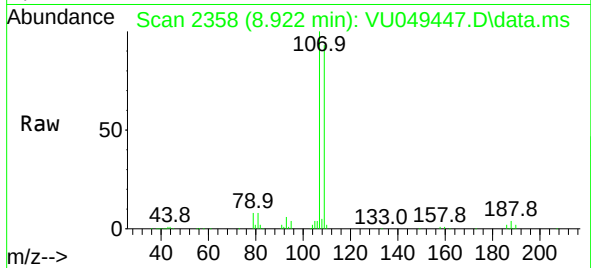




#61
1,2-Dibromoethane
Concen: 48.040 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

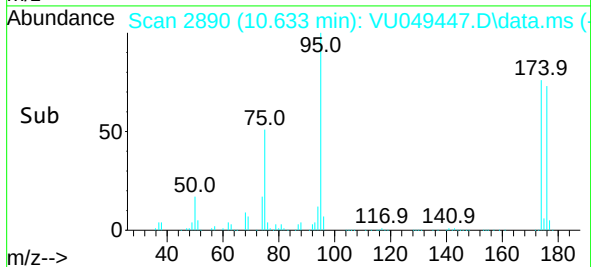
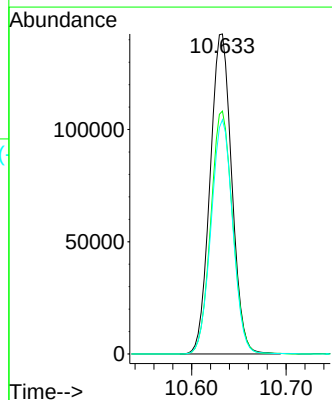
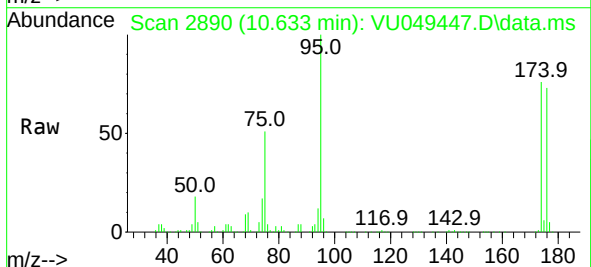
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

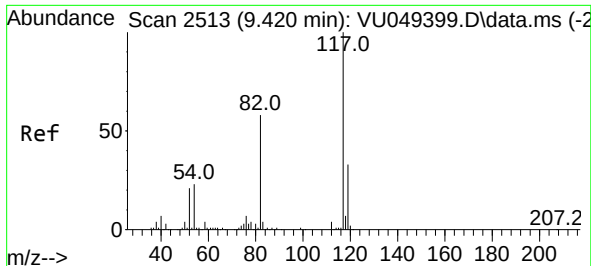
Tgt Ion:107 Resp: 191304
Ion Ratio Lower Upper
107 100
109 94.3 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 49.067 ug/l
RT: 10.633 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion: 95 Resp: 227717
Ion Ratio Lower Upper
95 100
174 76.4 0.0 182.0
176 73.1 0.0 177.8

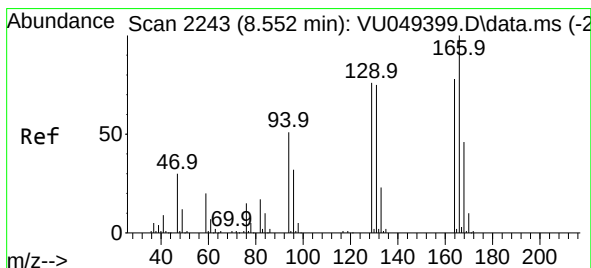
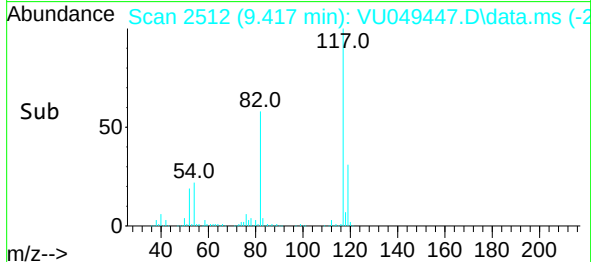
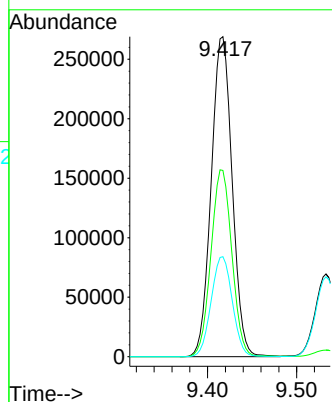
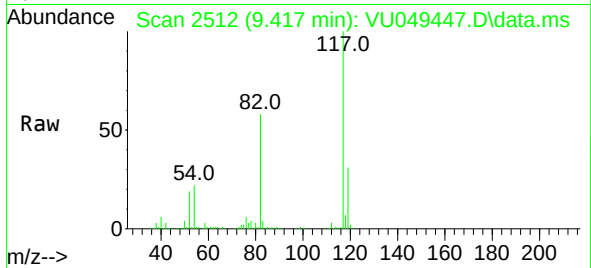




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

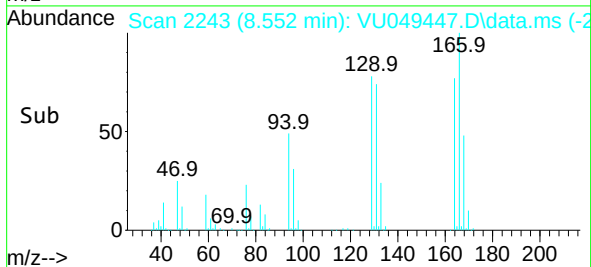
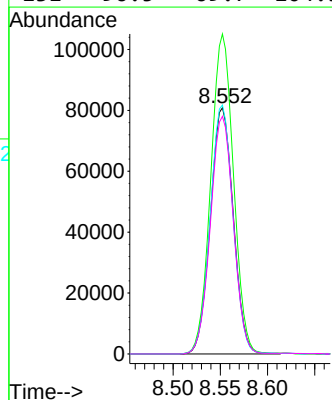
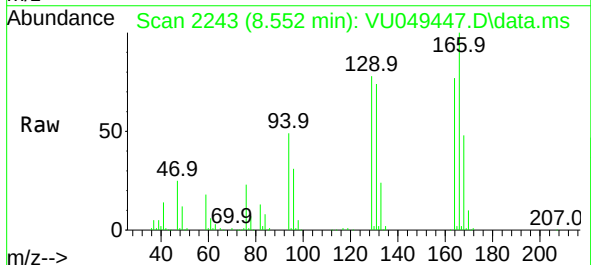
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

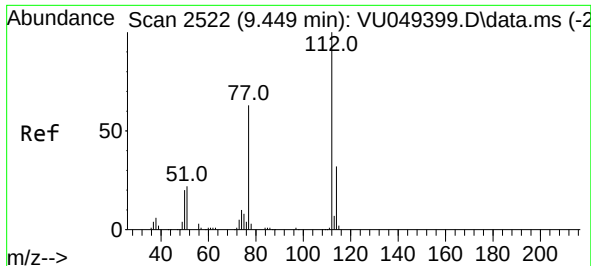
Tgt Ion:117 Resp: 439611
Ion Ratio Lower Upper
117 100
82 58.2 41.7 62.5
119 31.3 25.7 38.5



#64
Tetrachloroethene
Concen: 48.566 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion:164 Resp: 136938
Ion Ratio Lower Upper
164 100
166 129.9 100.0 150.0
129 101.1 72.0 108.0
131 96.5 69.7 104.5

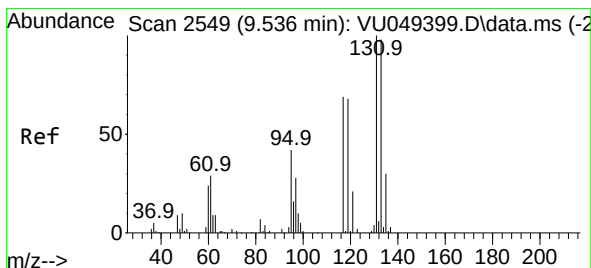
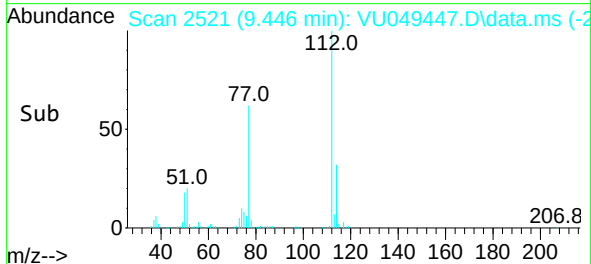
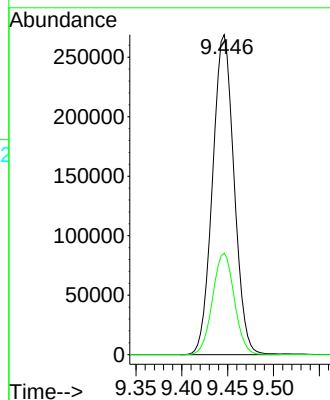
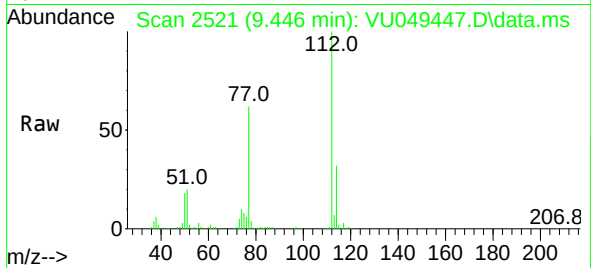




#65
Chlorobenzene
Concen: 48.955 ug/l
RT: 9.446 min Scan# 2522
Delta R.T. -0.003 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

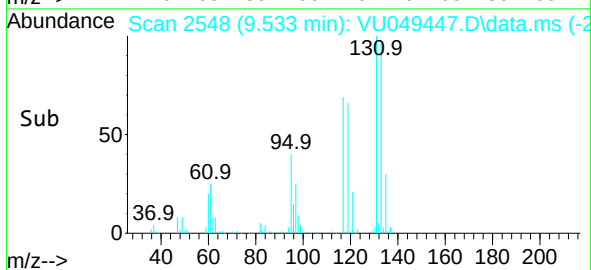
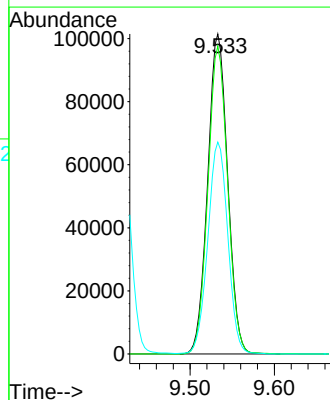
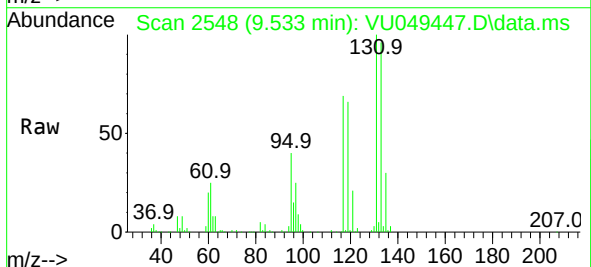
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

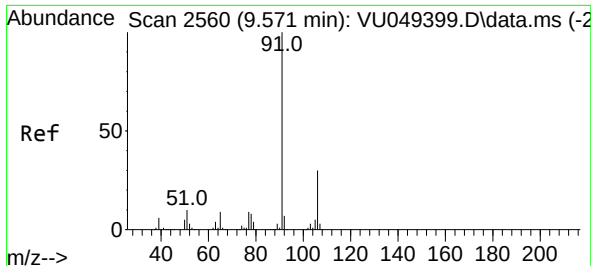
Tgt Ion:112 Resp: 439975
Ion Ratio Lower Upper
112 100
114 31.7 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.426 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.003 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion:131 Resp: 167573
Ion Ratio Lower Upper
131 100
133 94.8 48.4 145.0
119 66.3 33.9 101.6





#67

Ethyl Benzene

Concen: 50.191 ug/l

RT: 9.568 min Scan# 2559

Delta R.T. -0.003 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

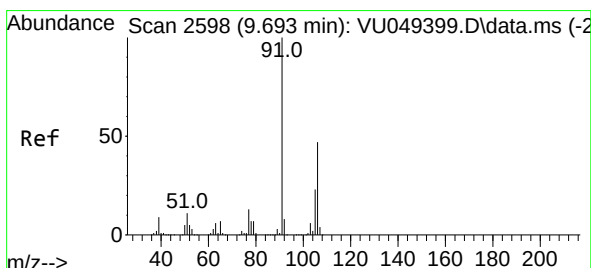
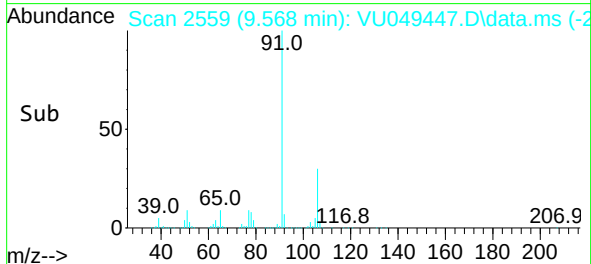
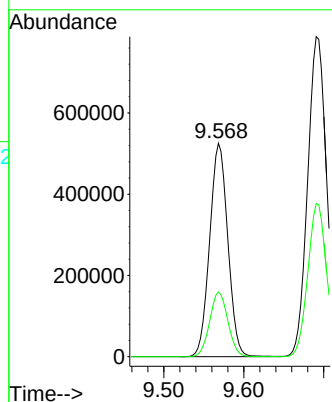
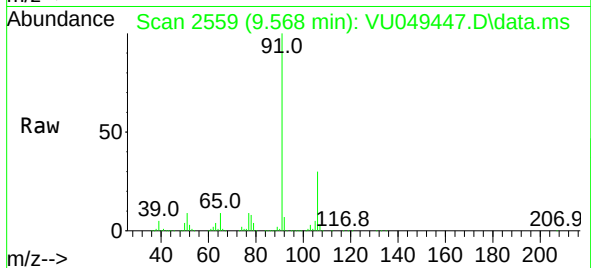
VSTDCCC050

Tgt Ion: 91 Resp: 828118

Ion Ratio Lower Upper

91 100

106 30.3 25.6 38.4



#68

m/p-Xylenes

Concen: 101.306 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. -0.003 min

Lab File: VU049447.D

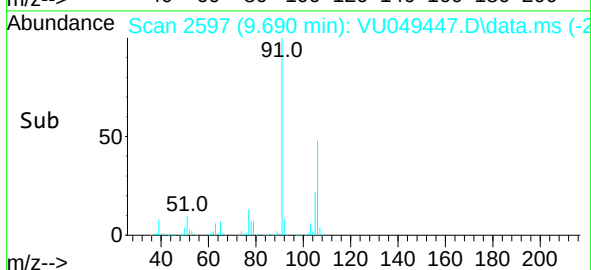
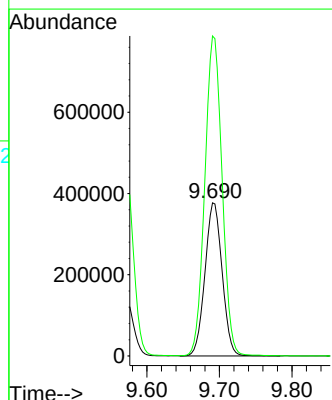
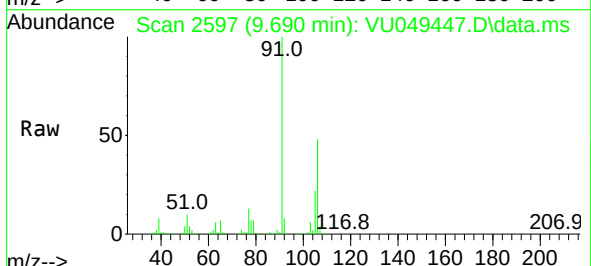
Acq: 28 Jun 2022 10:22

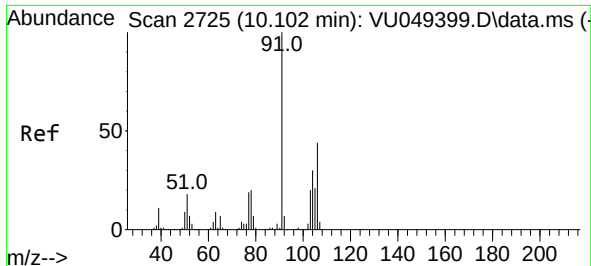
Tgt Ion:106 Resp: 618451

Ion Ratio Lower Upper

106 100

91 210.9 157.2 235.8

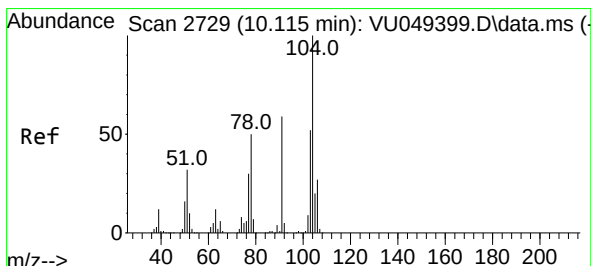
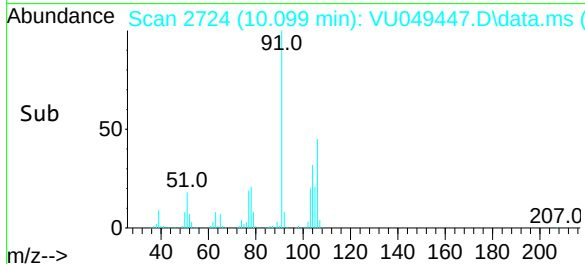
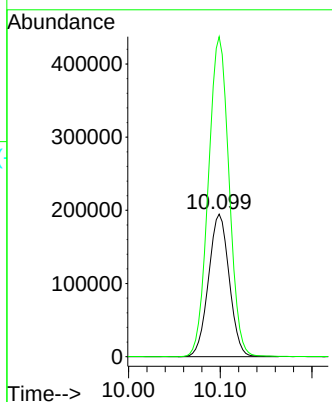
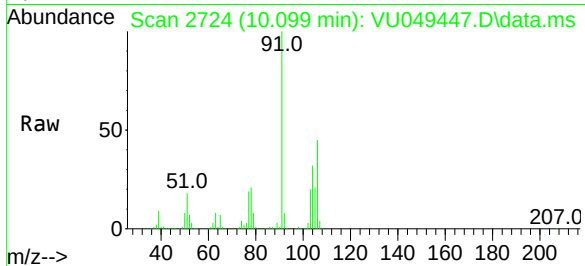




#69
o-Xylene
Concen: 50.424 ug/l
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

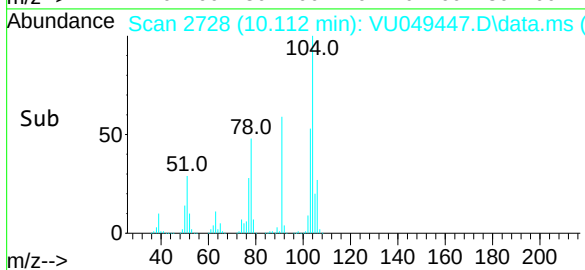
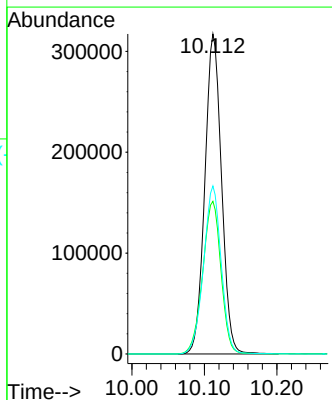
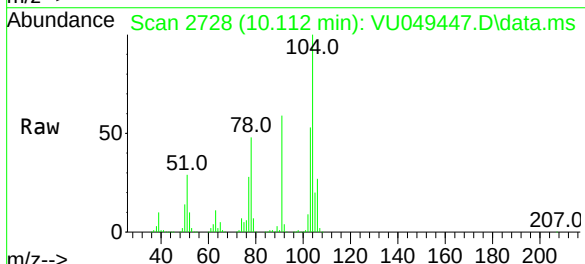
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

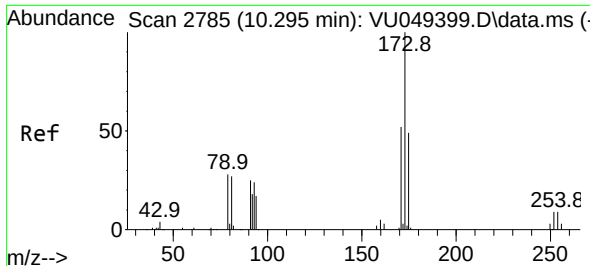
Tgt Ion:106 Resp: 305594
Ion Ratio Lower Upper
106 100
91 224.5 103.5 310.5



#70
Styrene
Concen: 52.186 ug/l
RT: 10.112 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion:104 Resp: 508187
Ion Ratio Lower Upper
104 100
78 52.2 38.0 57.0
103 55.5 43.9 65.9

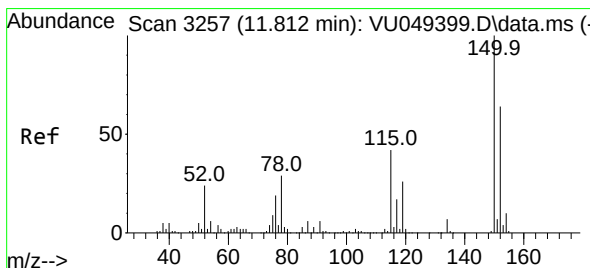
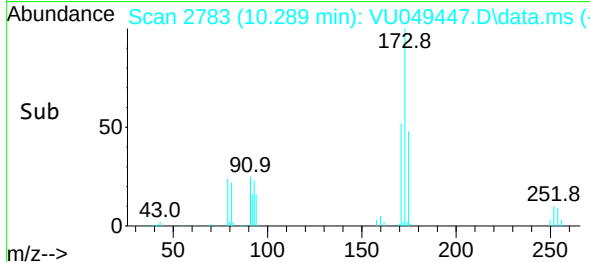
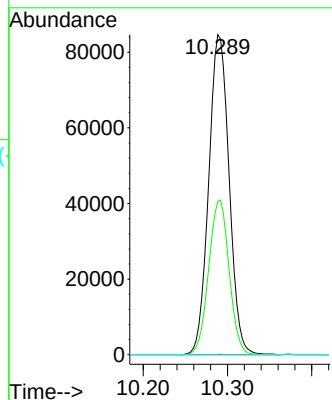
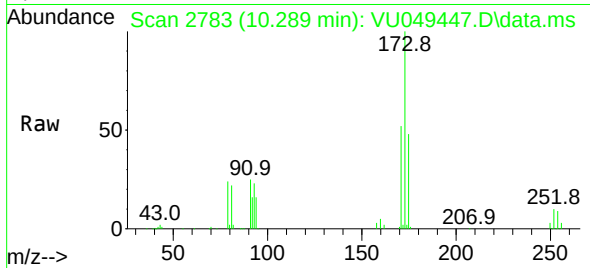




#71
Bromoform
Concen: 48.994 ug/l
RT: 10.289 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

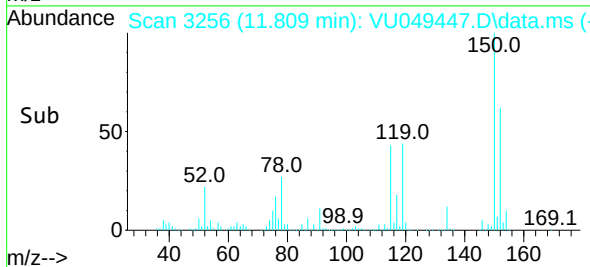
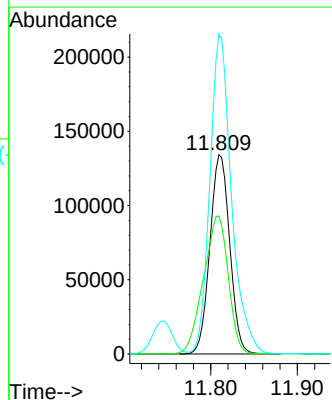
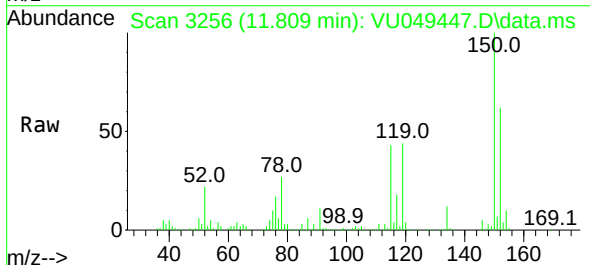
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

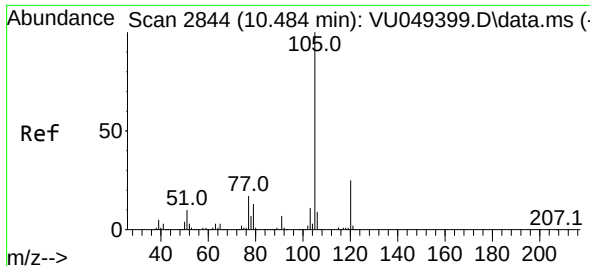
Tgt Ion:173 Resp: 142463
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.2
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.809 min Scan# 3256
Delta R.T. -0.003 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion:152 Resp: 213451
Ion Ratio Lower Upper
152 100
115 86.6 37.0 110.9
150 174.8 0.0 342.2

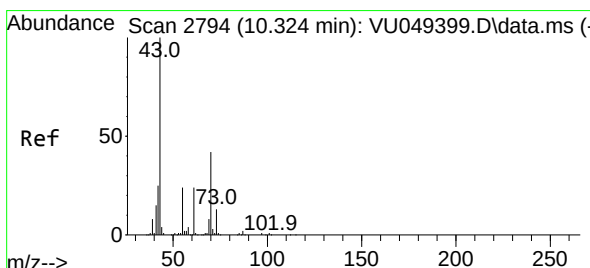
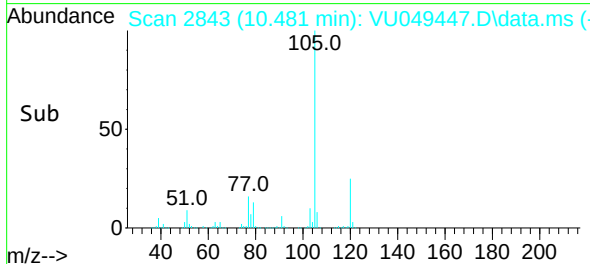
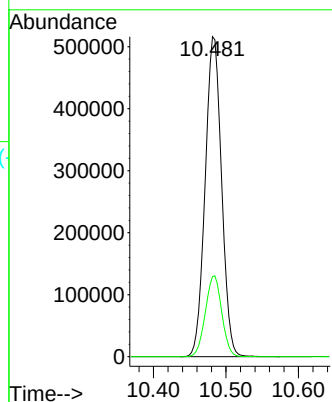
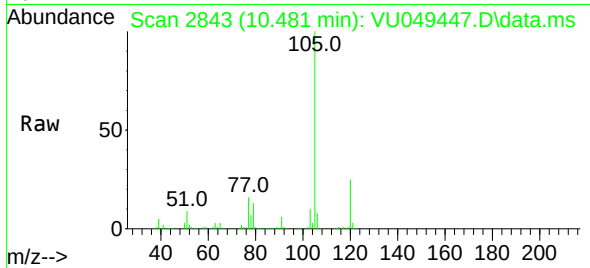




#73
Isopropylbenzene
Concen: 53.378 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

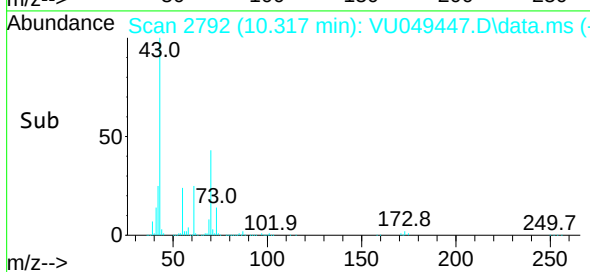
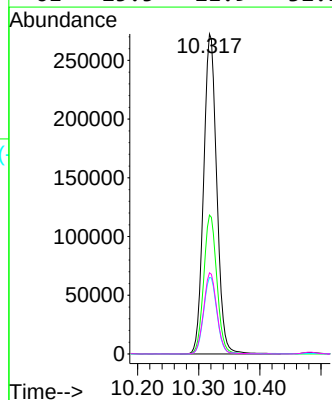
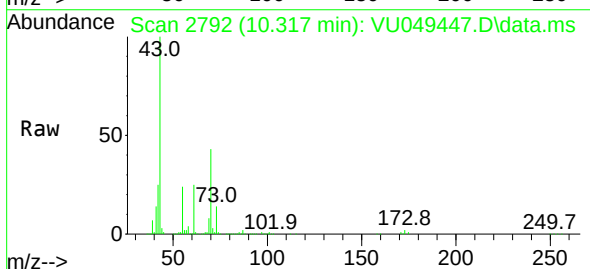
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

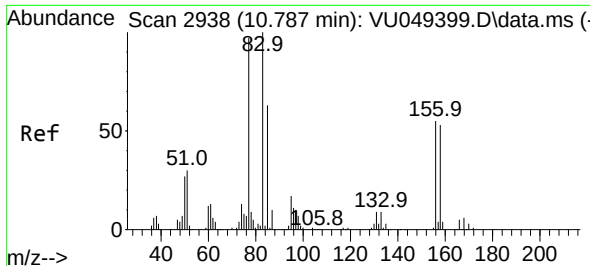
Tgt Ion:105 Resp: 811628
Ion Ratio Lower Upper
105 100
120 25.2 13.8 41.4



#74
N-ethyl acetate
Concen: 50.485 ug/l
RT: 10.317 min Scan# 2792
Delta R.T. -0.006 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion: 43 Resp: 406285
Ion Ratio Lower Upper
43 100
70 43.5 38.7 58.1
55 24.3 21.8 32.8
61 25.5 21.9 32.9

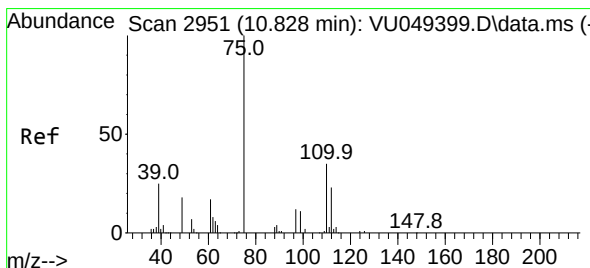
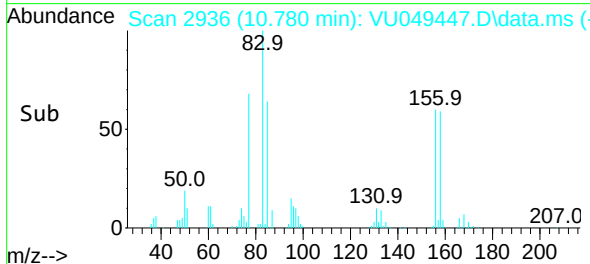
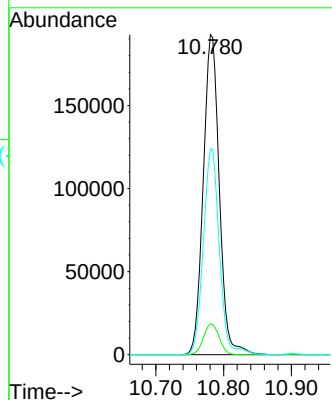
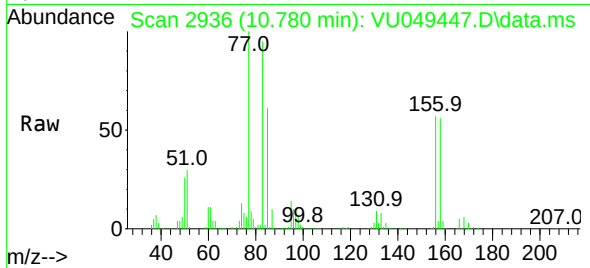




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.165 ug/l
 RT: 10.780 min Scan# 2948
 Delta R.T. -0.006 min
 Lab File: VU049447.D
 Acq: 28 Jun 2022 10:22

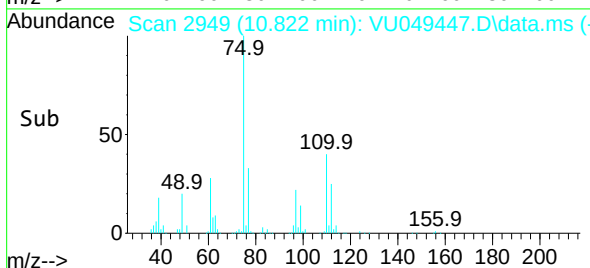
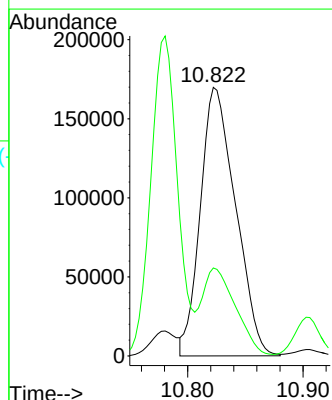
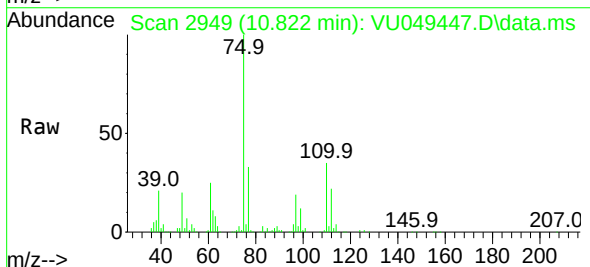
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

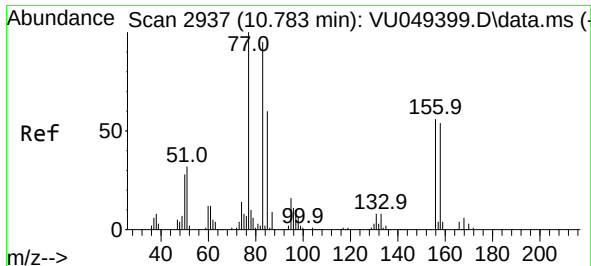
Tgt Ion: 83 Resp: 316671
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.1 15.4
 85 64.3 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 49.738 ug/l
 RT: 10.822 min Scan# 2949
 Delta R.T. -0.006 min
 Lab File: VU049447.D
 Acq: 28 Jun 2022 10:22

Tgt Ion: 75 Resp: 359891
 Ion Ratio Lower Upper
 75 100
 77 31.0 15.8 47.3

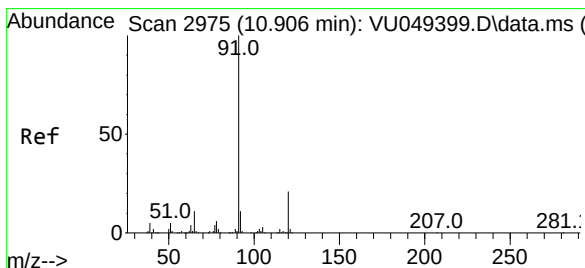
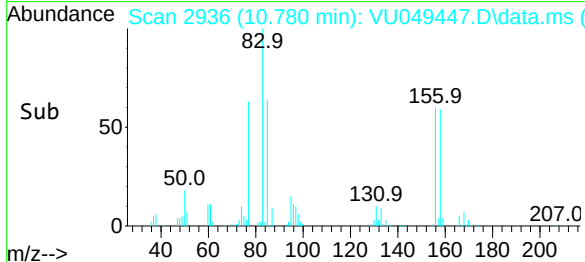
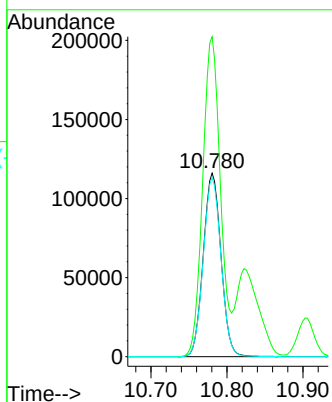
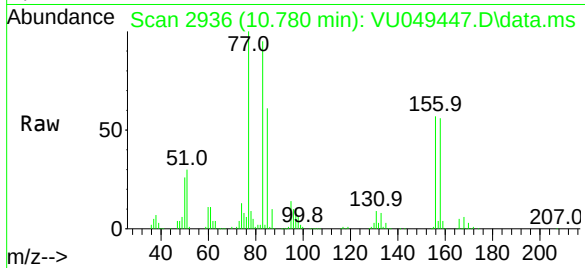




#77
Bromobenzene
Concen: 50.547 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.003 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

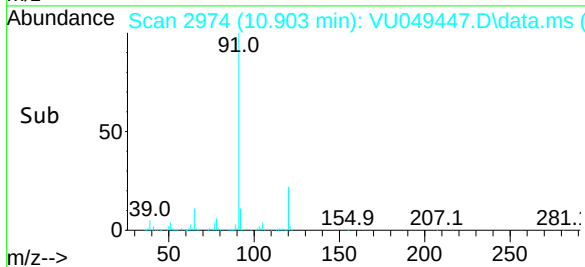
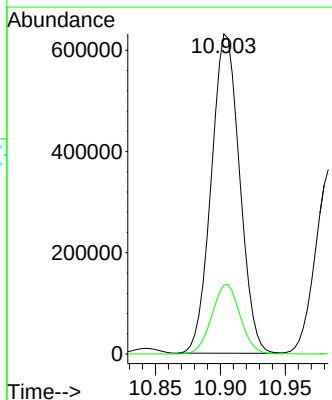
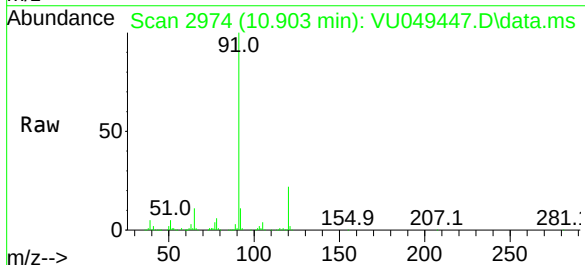
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

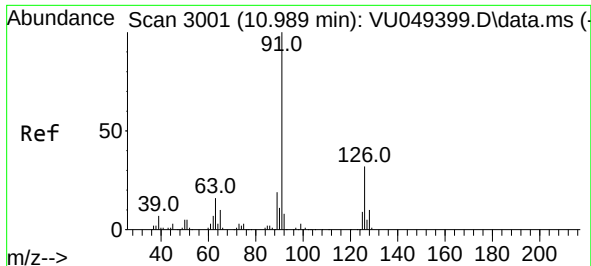
Tgt Ion:156 Resp: 187606
Ion Ratio Lower Upper
156 100
77 174.6 71.9 215.6
158 97.8 48.9 146.8



#78
n-propylbenzene
Concen: 51.753 ug/l
RT: 10.903 min Scan# 2974
Delta R.T. -0.003 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion: 91 Resp: 956199
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.5

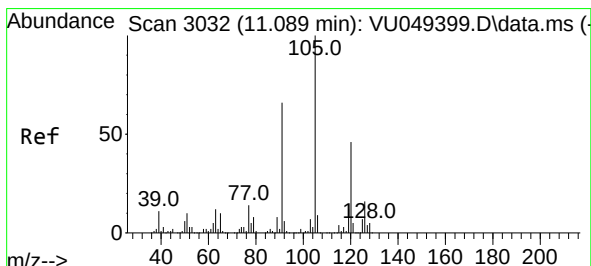
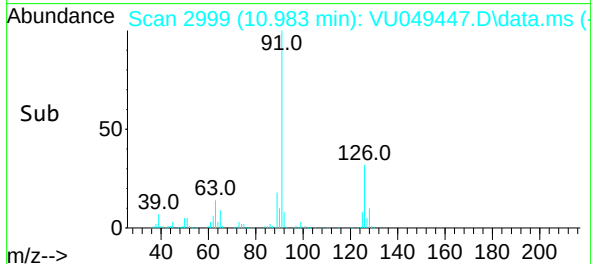
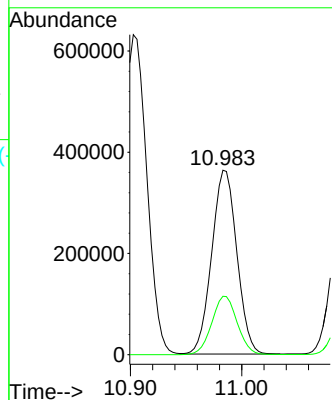
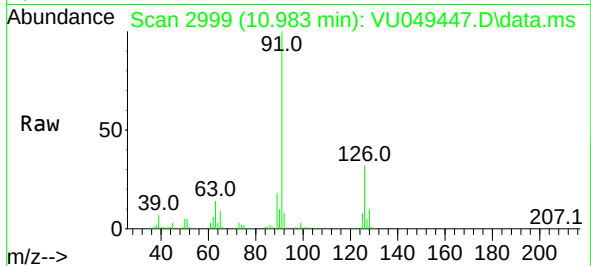




#79
2-Chlorotoluene
Concen: 50.042 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.006 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

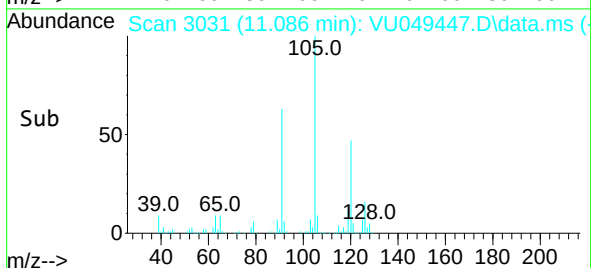
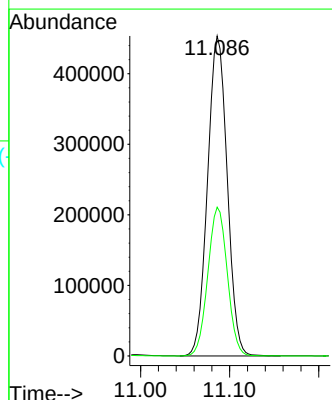
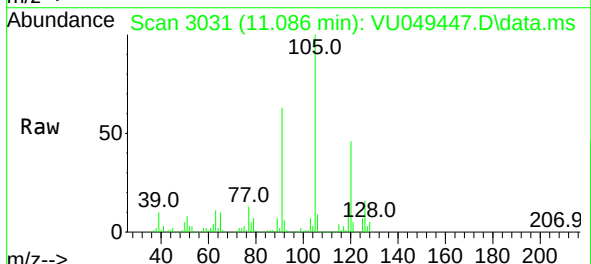
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

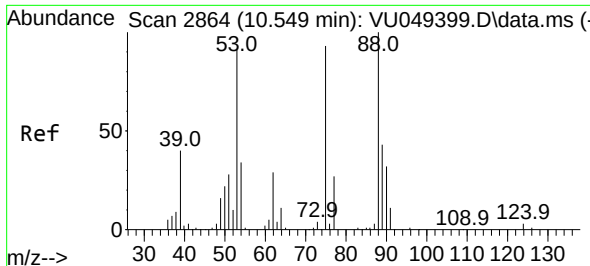
Tgt Ion: 91 Resp: 569640
Ion Ratio Lower Upper
91 100
126 32.2 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 52.183 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion:105 Resp: 692706
Ion Ratio Lower Upper
105 100
120 46.2 25.3 75.9

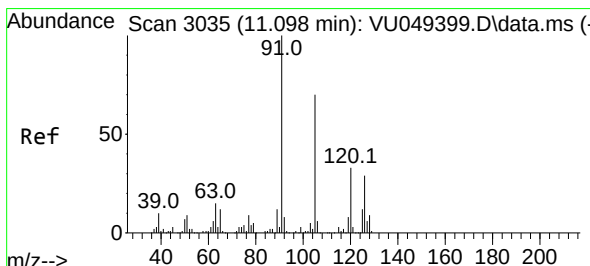
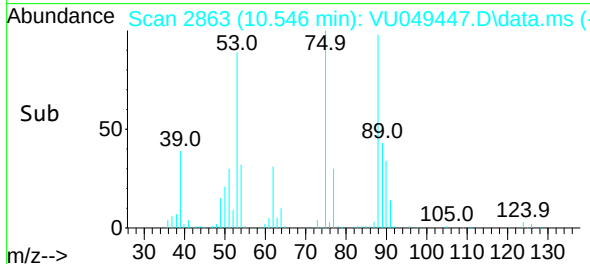
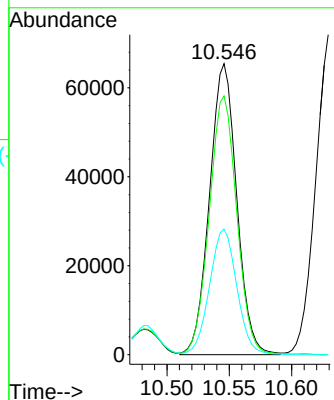
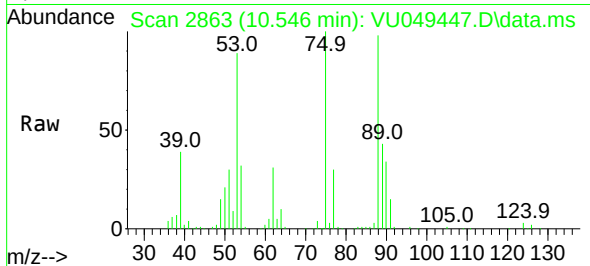




#81
trans-1,4-Dichloro-2-butene
Concen: 50.807 ug/l
RT: 10.546 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

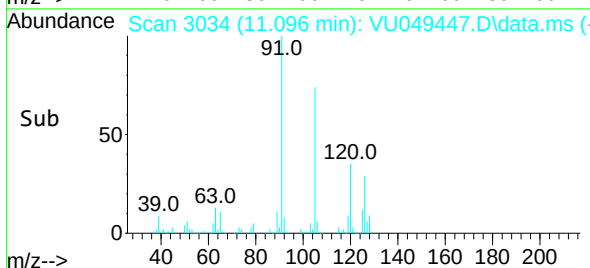
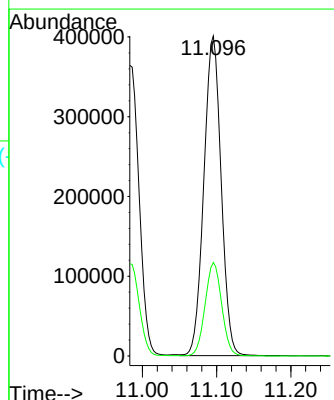
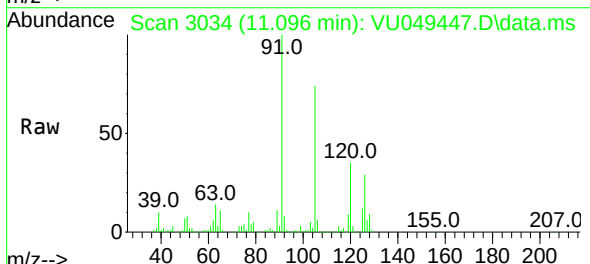
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

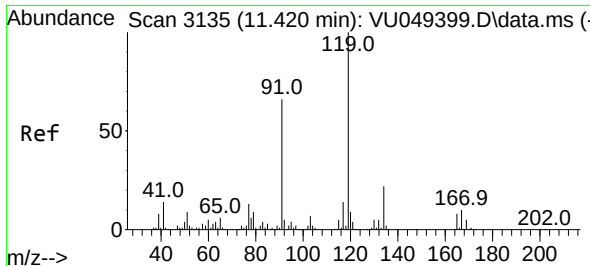
Tgt Ion: 75 Resp: 99551
Ion Ratio Lower Upper
75 100
53 89.6 69.2 103.8
89 43.3 37.0 55.6



#82
4-Chlorotoluene
Concen: 50.564 ug/l
RT: 11.096 min Scan# 3034
Delta R.T. -0.003 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion: 91 Resp: 647350
Ion Ratio Lower Upper
91 100
126 28.2 16.1 48.2

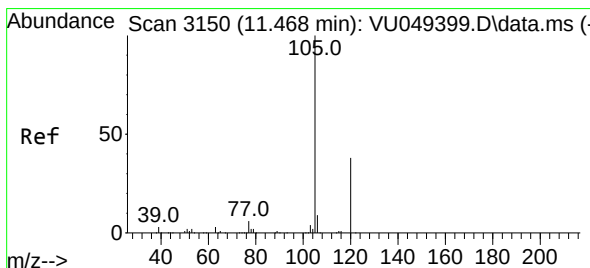
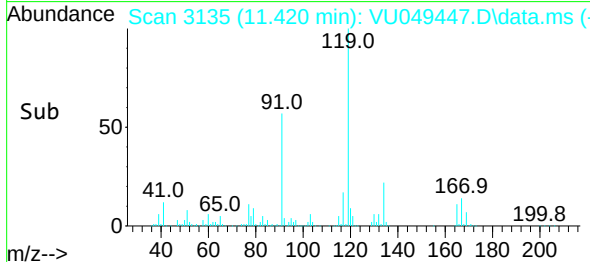
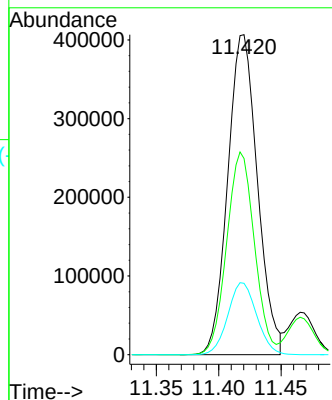
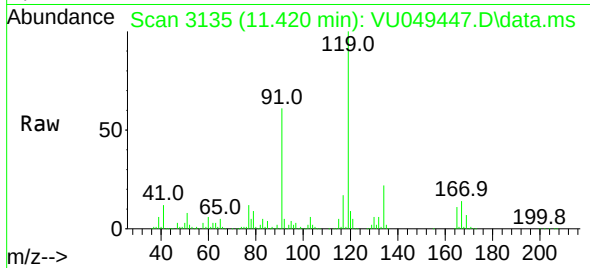




#83
 tert-Butylbenzene
 Concen: 51.699 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. 0.000 min
 Lab File: VU049447.D
 Acq: 28 Jun 2022 10:22

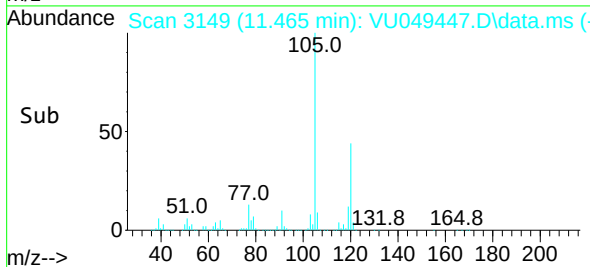
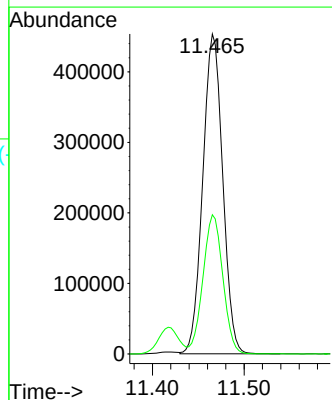
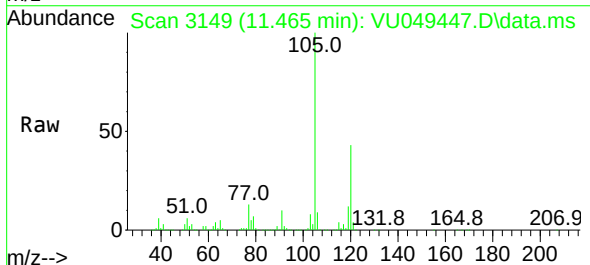
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

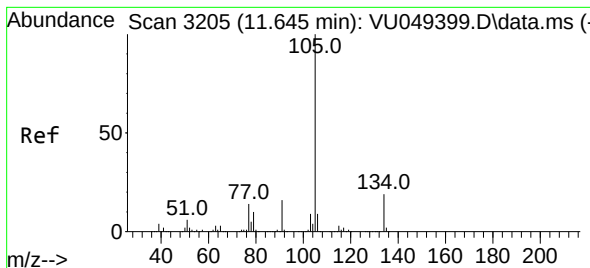
Tgt Ion:119 Resp: 675016
 Ion Ratio Lower Upper
 119 100
 91 59.1 26.8 80.3
 134 21.8 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 52.493 ug/l
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU049447.D
 Acq: 28 Jun 2022 10:22

Tgt Ion:105 Resp: 684561
 Ion Ratio Lower Upper
 105 100
 120 43.5 23.4 70.3





#85

sec-Butylbenzene

Concen: 51.533 ug/l

RT: 11.642 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

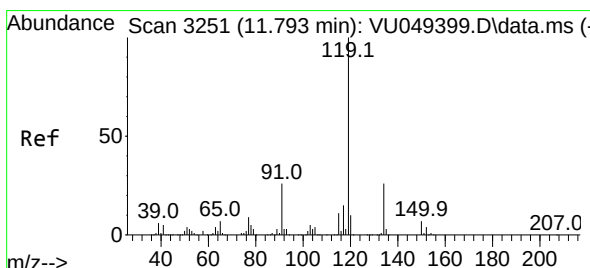
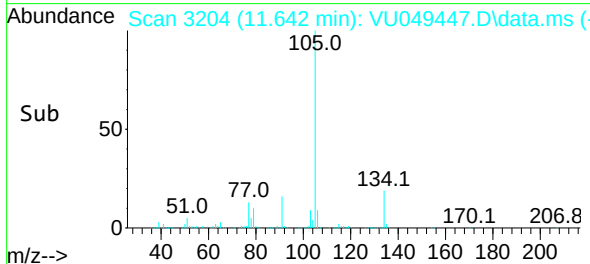
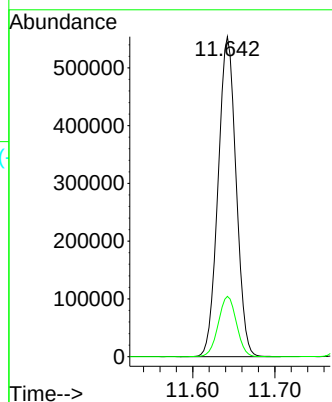
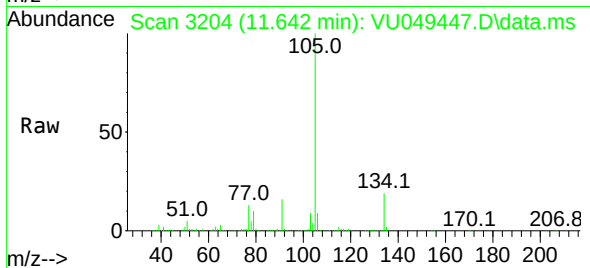
VSTDCCC050

Tgt Ion:105 Resp: 845945

Ion Ratio Lower Upper

105 100

134 19.1 10.4 31.1



#86

p-Isopropyltoluene

Concen: 52.958 ug/l

RT: 11.790 min Scan# 3250

Delta R.T. -0.003 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

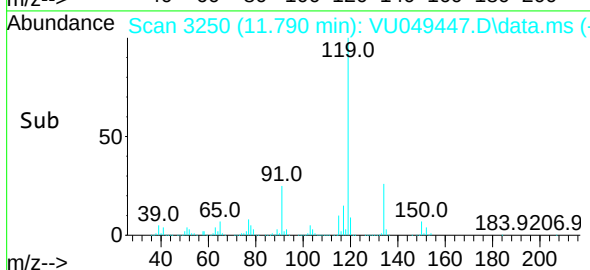
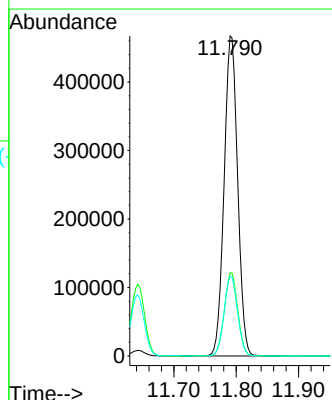
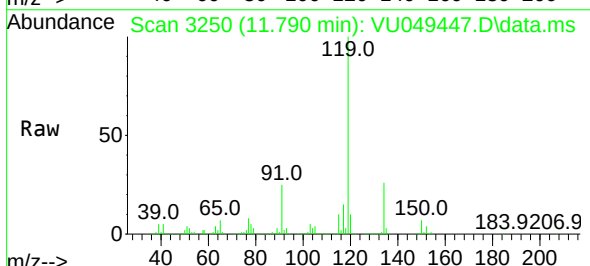
Tgt Ion:119 Resp: 703039

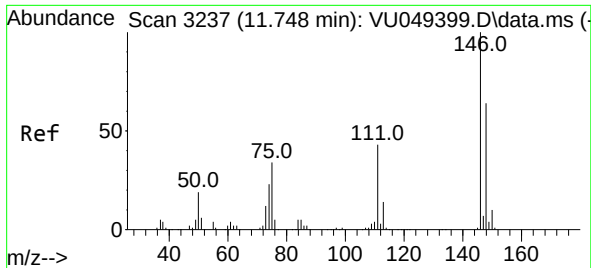
Ion Ratio Lower Upper

119 100

134 25.7 13.5 40.4

91 24.9 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 49.664 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

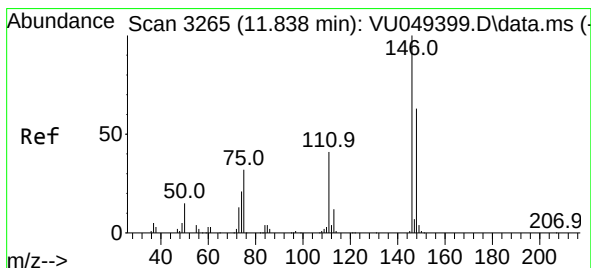
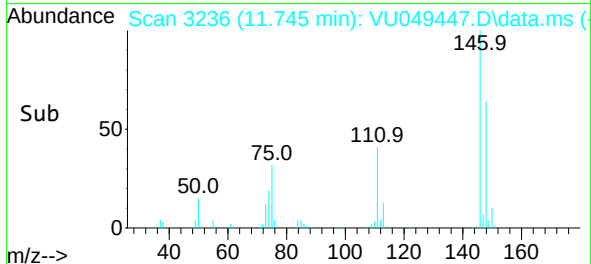
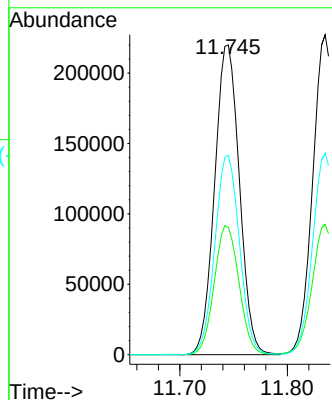
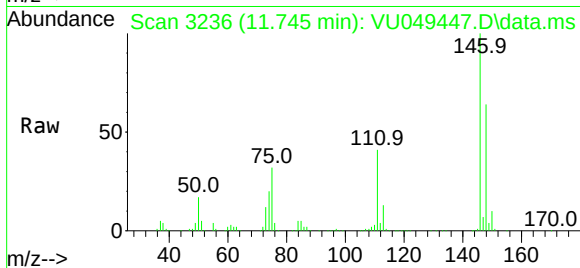
Tgt Ion:146 Resp: 352404

Ion Ratio Lower Upper

146 100

111 41.5 18.9 56.5

148 64.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 49.576 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.003 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

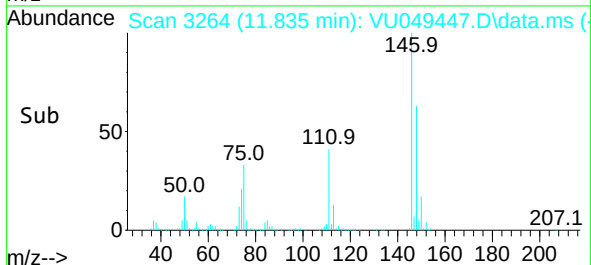
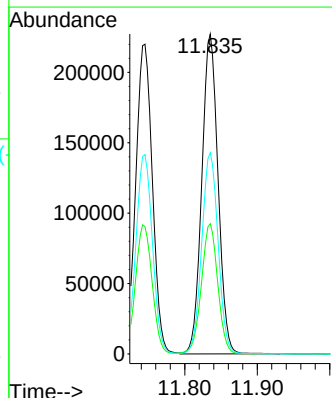
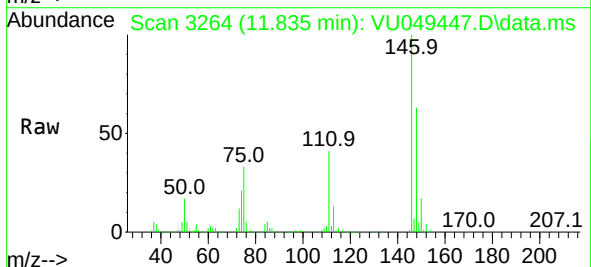
Tgt Ion:146 Resp: 353576

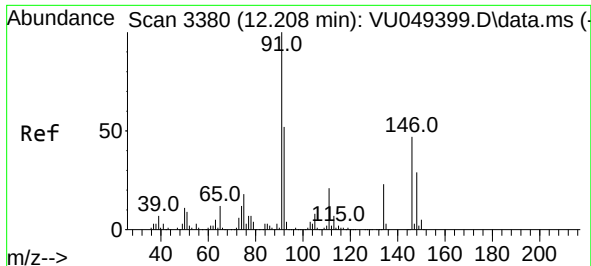
Ion Ratio Lower Upper

146 100

111 41.0 18.5 55.5

148 63.7 31.9 95.7

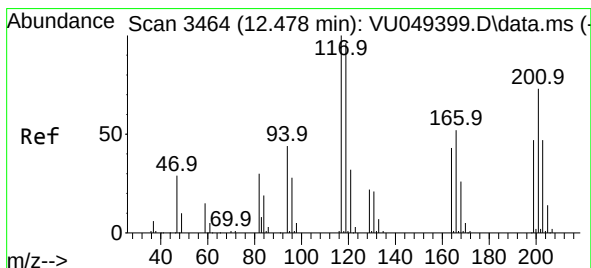
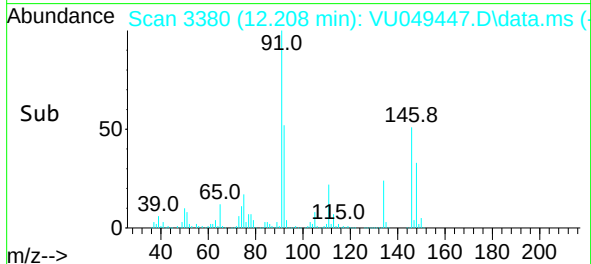
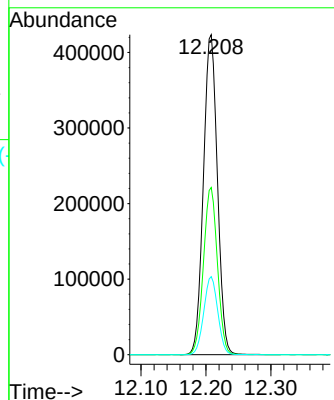
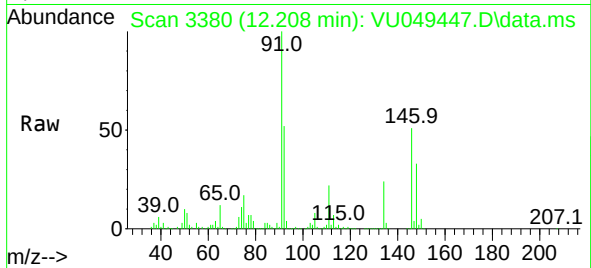




#89
n-Butylbenzene
Concen: 51.810 ug/l
RT: 12.208 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

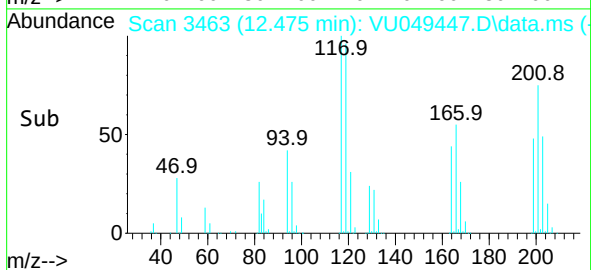
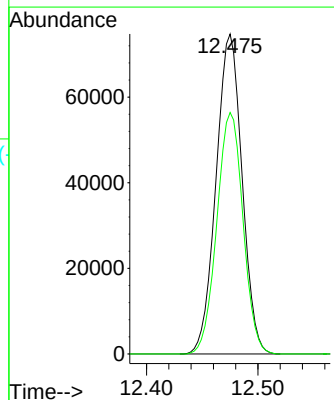
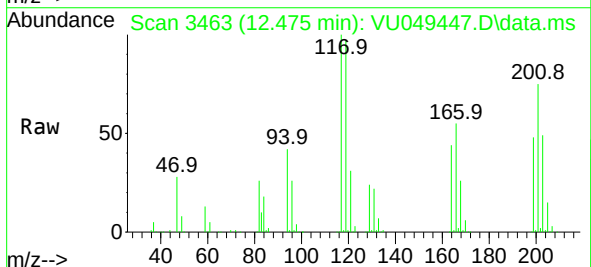
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

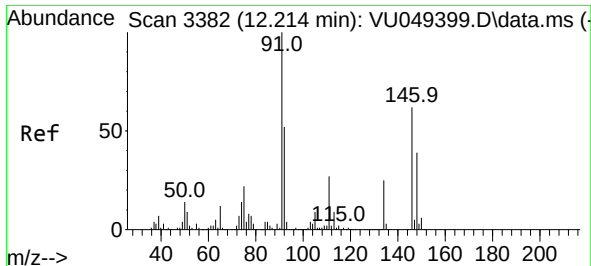
Tgt Ion: 91 Resp: 636684
Ion Ratio Lower Upper
91 100
92 52.1 26.2 78.6
134 24.4 13.5 40.4



#90
Hexachloroethane
Concen: 45.807 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.003 min
Lab File: VU049447.D
Acq: 28 Jun 2022 10:22

Tgt Ion: 117 Resp: 121122
Ion Ratio Lower Upper
117 100
201 75.9 44.6 134.0

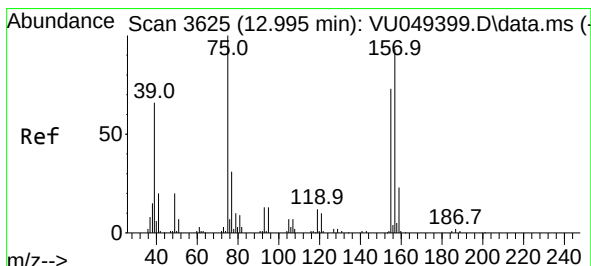
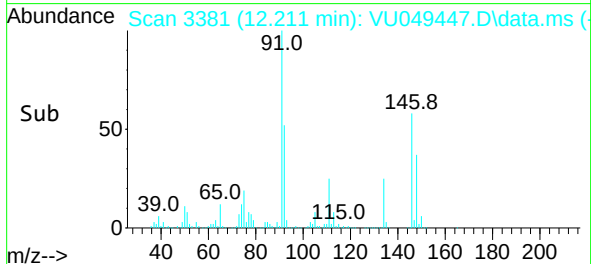
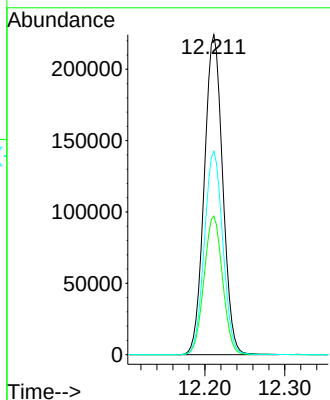
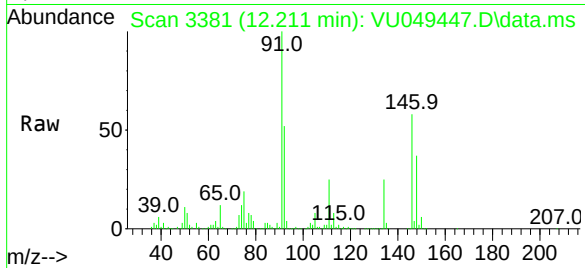




#91
 1,2-Dichlorobenzene
 Concen: 50.384 ug/l
 RT: 12.211 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049447.D
 Acq: 28 Jun 2022 10:22

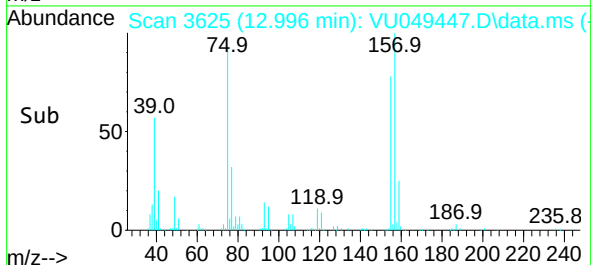
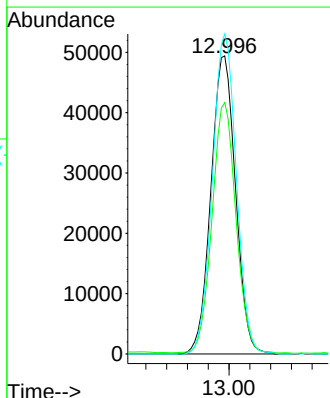
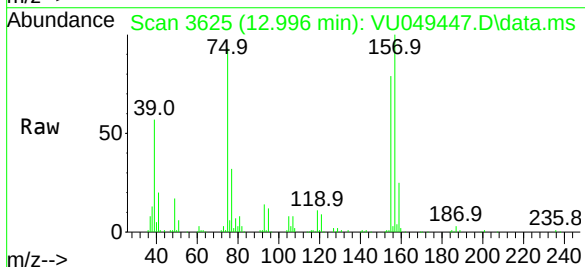
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

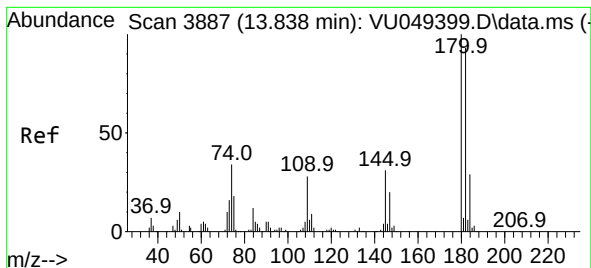
Tgt Ion:146 Resp: 359225
 Ion Ratio Lower Upper
 146 100
 111 43.6 19.9 59.6
 148 63.8 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.270 ug/l
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.000 min
 Lab File: VU049447.D
 Acq: 28 Jun 2022 10:22

Tgt Ion: 75 Resp: 81374
 Ion Ratio Lower Upper
 75 100
 155 81.4 47.8 143.4
 157 104.6 62.2 186.5





#93

1,2,4-Trichlorobenzene

Concen: 50.131 ug/l

RT: 13.838 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

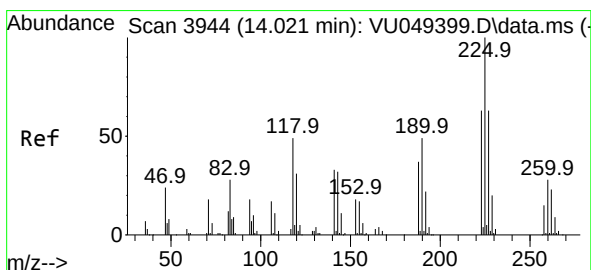
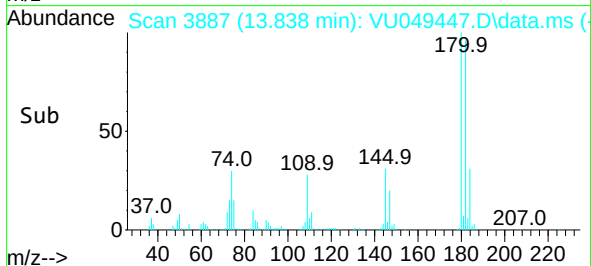
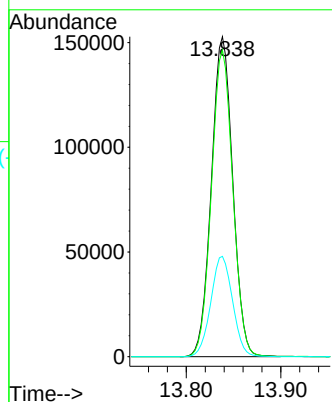
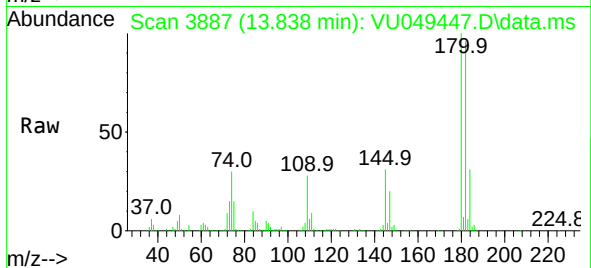
Tgt Ion:180 Resp: 239886

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.6

145 32.0 14.0 41.9



#94

Hexachlorobutadiene

Concen: 47.876 ug/l

RT: 14.018 min Scan# 3943

Delta R.T. -0.003 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

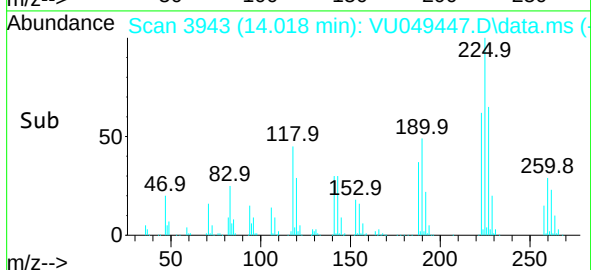
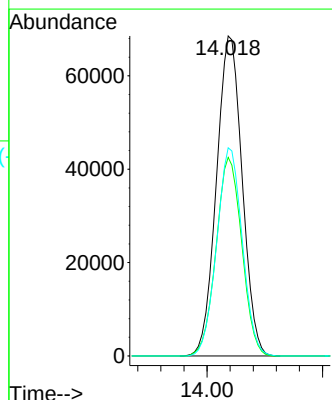
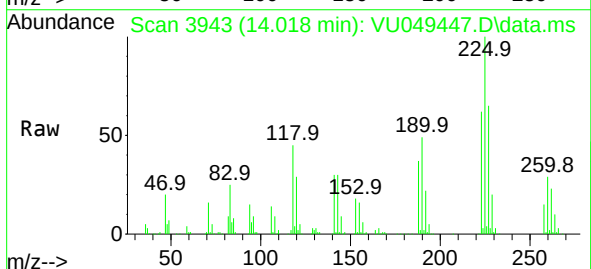
Tgt Ion:225 Resp: 105884

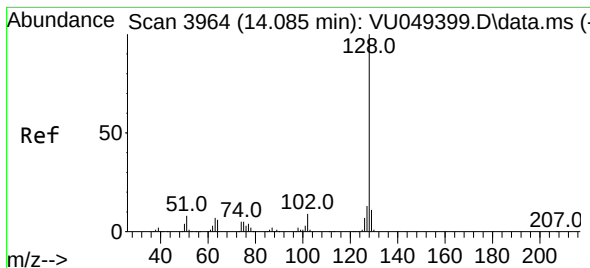
Ion Ratio Lower Upper

225 100

223 62.0 31.3 93.9

227 64.5 32.0 96.2





#95

Naphthalene

Concen: 51.864 ug/l

RT: 14.083 min Scan# 3964

Delta R.T. -0.003 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

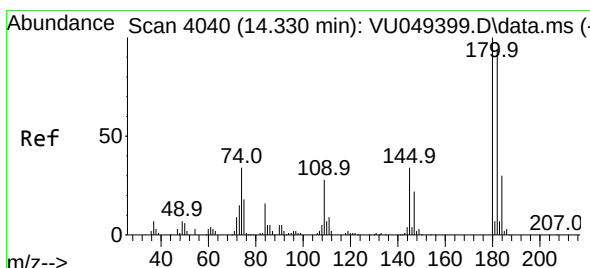
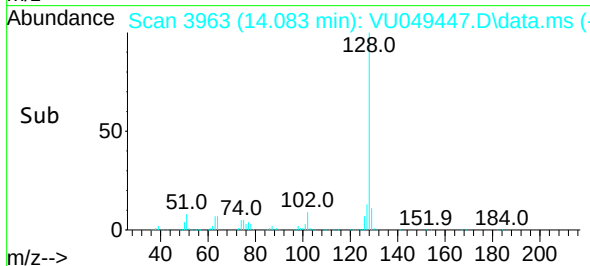
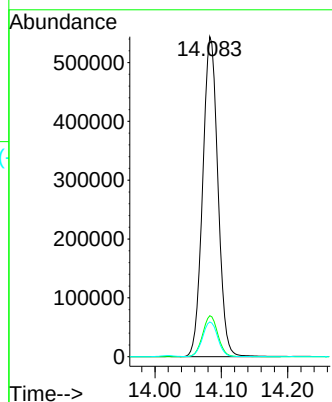
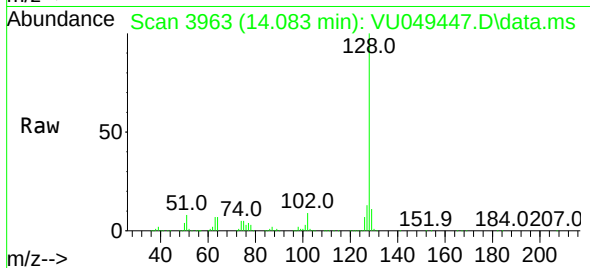
Tgt Ion:128 Resp: 867833

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.338 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. -0.003 min

Lab File: VU049447.D

Acq: 28 Jun 2022 10:22

Tgt Ion:180 Resp: 242612

Ion Ratio Lower Upper

180 100

182 97.0 48.4 145.0

145 34.6 14.8 44.4

