

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049551.D
 Acq On : 30 Jun 2022 07:26
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 30 09:14:49 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	223194	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	388543	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	350183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	166089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	162203	47.189	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.380%		
35) Dibromofluoromethane	5.288	113	129565	47.663	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.320%		
50) Toluene-d8	7.896	98	465757	48.038	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.080%		
62) 4-Bromofluorobenzene	10.632	95	173997	46.848	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.700%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	161483	45.025	ug/l	99
3) Chloromethane	1.520	50	177740	40.373	ug/l	98
4) Vinyl Chloride	1.604	62	165675	45.882	ug/l	99
5) Bromomethane	1.851	94	61908	55.138	ug/l	99
6) Chloroethane	1.925	64	89275	53.457	ug/l	97
7) Trichlorofluoromethane	2.134	101	210241	45.686	ug/l	98
8) Diethyl Ether	2.375	74	81649	49.117	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.578	101	118569	47.887	ug/l	95
10) Methyl Iodide	2.719	142	169598	66.740	ug/l	94
11) Tert butyl alcohol	3.353	59	7559	9.395	ug/l	# 1
12) 1,1-Dichloroethene	2.578	96	120935	49.887	ug/l	91
13) Acrolein	2.485	56	58771	107.868	ug/l	98
14) Allyl chloride	2.922	41	224681	45.860	ug/l	# 86
15) Acrylonitrile	3.311	53	484563	250.424	ug/l	100
16) Acetone	2.629	43	400975	231.320	ug/l	98
17) Carbon Disulfide	2.790	76	331112	43.798	ug/l	99
18) Methyl Acetate	2.948	43	261841	55.801	ug/l	92
19) Methyl tert-butyl Ether	3.362	73	456699	50.654	ug/l	98
20) Methylene Chloride	3.041	84	148769	51.580	ug/l	90
21) trans-1,2-Dichloroethene	3.350	96	127405	48.753	ug/l	93
22) Diisopropyl ether	3.989	45	471783	50.436	ug/l	# 76
23) Vinyl Acetate	3.954	43	1931823	235.623	ug/l	94
24) 1,1-Dichloroethane	3.867	63	262684	48.889	ug/l	98
25) 2-Butanone	4.700	43	650249	250.309	ug/l	95
26) 2,2-Dichloropropane	4.661	77	108311	24.220	ug/l	96
27) cis-1,2-Dichloroethene	4.665	96	153802	50.939	ug/l	96
28) Bromochloromethane	4.973	49	113483	48.319	ug/l	# 79
29) Tetrahydrofuran	5.050	42	433781	243.409	ug/l	88
30) Chloroform	5.089	83	258915	48.713	ug/l	99
31) Cyclohexane	5.385	56	231344	44.823	ug/l	88
32) 1,1,1-Trichloroethane	5.314	97	223032	48.363	ug/l	99
36) 1,1-Dichloropropene	5.526	75	183832	46.639	ug/l	98
37) Ethyl Acetate	4.803	43	243799	45.265	ug/l	# 95
38) Carbon Tetrachloride	5.523	117	187865	45.447	ug/l	99
39) Methylcyclohexane	6.761	83	210166	44.484	ug/l	93
40) Benzene	5.774	78	567901	47.722	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	130317	48.287	ug/l	91
42) 1,2-Dichloroethane	5.793	62	204013	46.063	ug/l	99
43) Isopropyl Acetate	5.909	43	375613	47.594	ug/l	97
44) Trichloroethene	6.542	130	137406	48.572	ug/l	88
45) 1,2-Dichloropropane	6.790	63	157495	47.763	ug/l	100
46) Dibromomethane	6.915	93	104664	47.608	ug/l	91
47) Bromodichloromethane	7.105	83	200177	47.308	ug/l	100
48) Methyl methacrylate	6.957	41	179253	48.466	ug/l	89
49) 1,4-Dioxane	6.989	88	87084	919.051	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1254687	237.551	ug/l	96
52) Toluene	7.970	92	340042	48.076	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	199807	44.021	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	220219	45.441	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	143728	49.149	ug/l	98
56) Ethyl methacrylate	8.333	69	248281	50.762	ug/l	93
57) 1,3-Dichloropropane	8.574	76	249313	48.060	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	184399	471.345	ug/l	95
59) 2-Hexanone	8.684	43	962052	231.624	ug/l	96
60) Dibromochloromethane	8.809	129	148940	48.977	ug/l	99
61) 1,2-Dibromoethane	8.922	107	154586	48.507	ug/l	100
64) Tetrachloroethene	8.552	164	108611	48.356	ug/l	89
65) Chlorobenzene	9.446	112	349842	48.867	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.533	131	135693	50.244	ug/l	98
67) Ethyl Benzene	9.568	91	641130	48.781	ug/l	97
68) m/p-Xylenes	9.693	106	480185	98.744	ug/l	91
69) o-Xylene	10.098	106	238666	49.437	ug/l	89
70) Styrene	10.115	104	395941	51.043	ug/l	96
71) Bromoform	10.291	173	115372	49.810	ug/l	99
73) Isopropylbenzene	10.481	105	615526	52.024	ug/l	96
74) N-amyl acetate	10.317	43	316805	50.592	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.780	83	253336	50.548	ug/l	100
76) 1,2,3-Trichloropropane	10.822	75	268668	47.719	ug/l	100
77) Bromobenzene	10.780	156	145882	50.513	ug/l	84
78) n-propylbenzene	10.906	91	724004	50.360	ug/l	96
79) 2-Chlorotoluene	10.986	91	435731	49.194	ug/l	93
80) 1,3,5-Trimethylbenzene	11.086	105	520345	50.377	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.545	75	61018	40.022	ug/l	93
82) 4-Chlorotoluene	11.095	91	492273	49.415	ug/l	94
83) tert-Butylbenzene	11.420	119	501195	49.333	ug/l	93
84) 1,2,4-Trimethylbenzene	11.465	105	517693	51.018	ug/l	95
85) sec-Butylbenzene	11.642	105	621307	48.641	ug/l	97
86) p-Isopropyltoluene	11.793	119	508815	49.257	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	265661	48.116	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	263951	47.563	ug/l	98
89) n-Butylbenzene	12.208	91	450852	47.150	ug/l	98
90) Hexachloroethane	12.475	117	88873	43.195	ug/l	85
91) 1,2-Dichlorobenzene	12.211	146	272789	49.172	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.995	75	64426	50.132	ug/l	84
93) 1,2,4-Trichlorobenzene	13.838	180	174012	46.853	ug/l	98
94) Hexachlorobutadiene	14.021	225	67855	39.430	ug/l	100
95) Naphthalene	14.085	128	649950	49.984	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	179787	47.043	ug/l	98

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

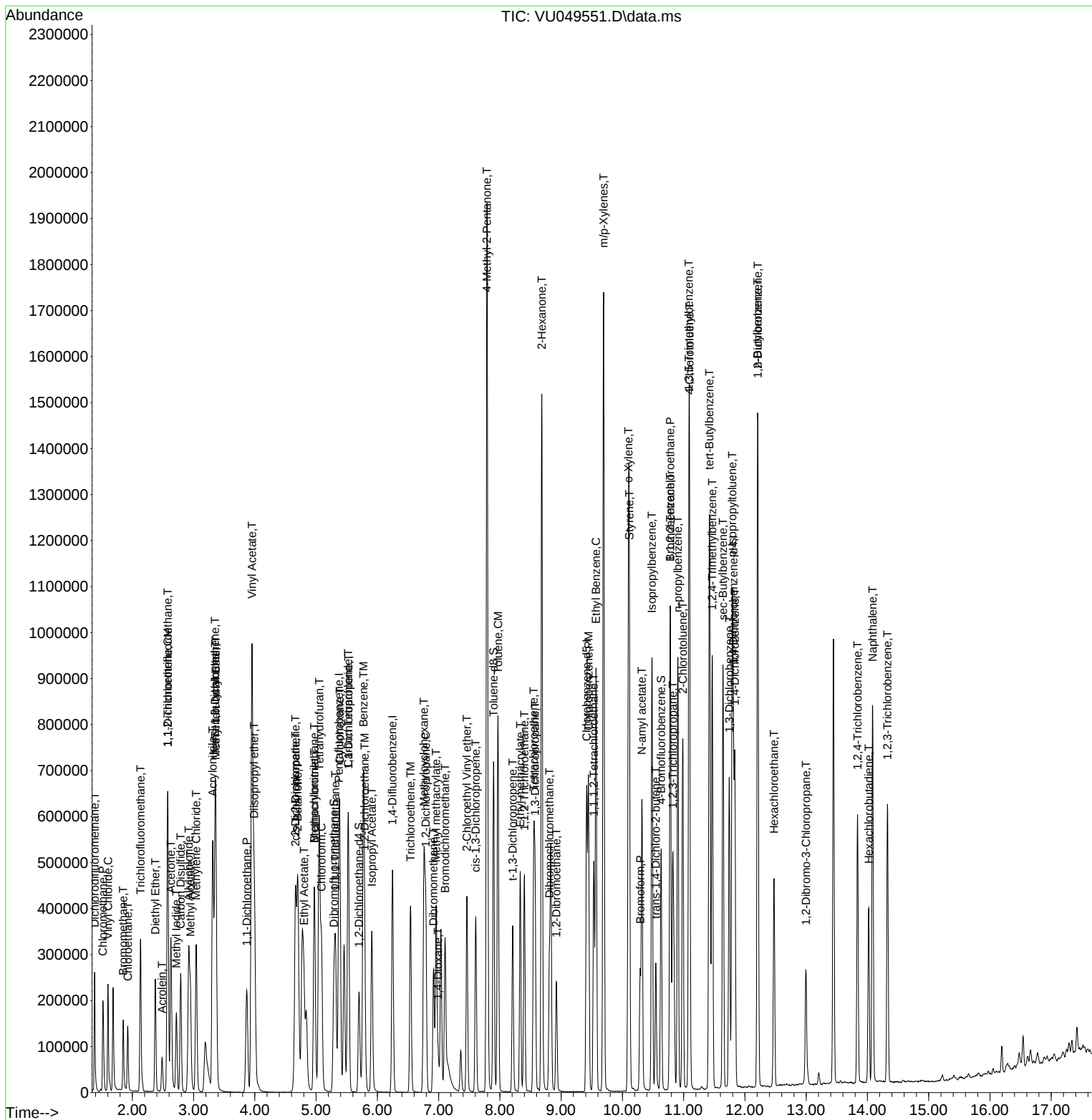
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MSVOA_U
ClientSampleId :
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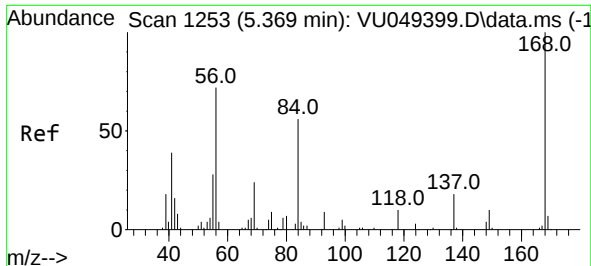
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QLast Update : Tue Jun 28 10:35:43 2022
Response via : Initial Calibration

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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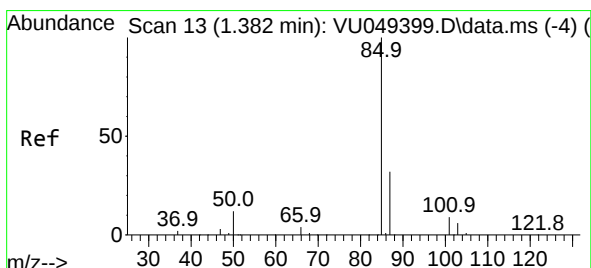
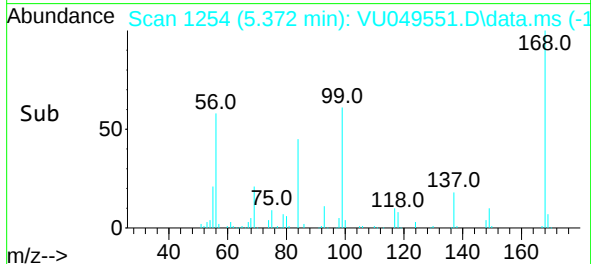
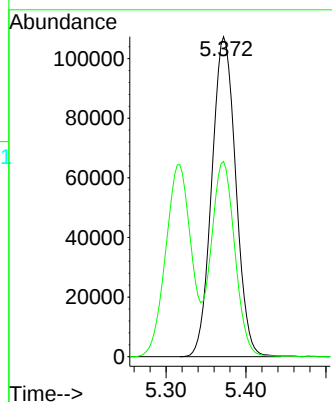
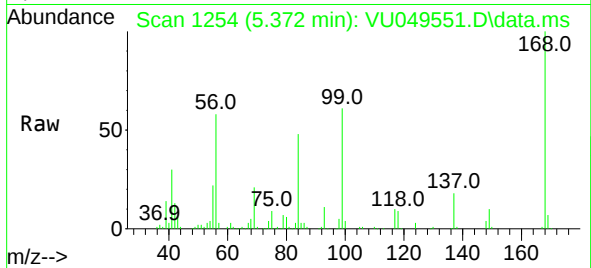




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049551.D
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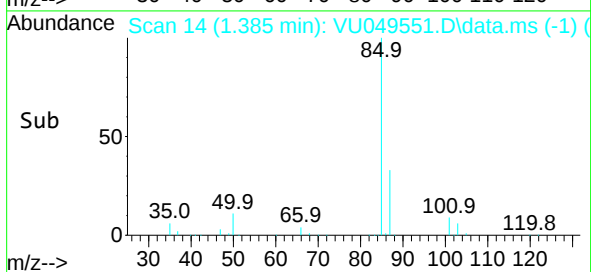
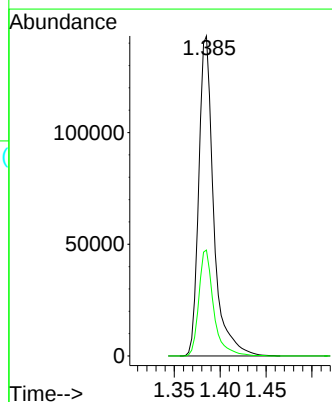
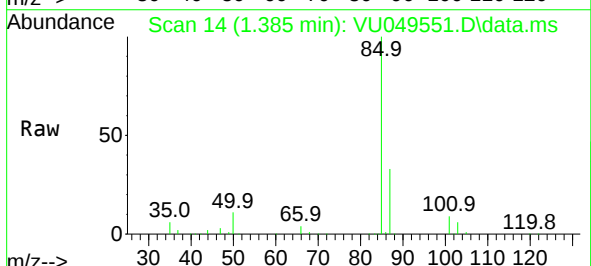
Instrument :
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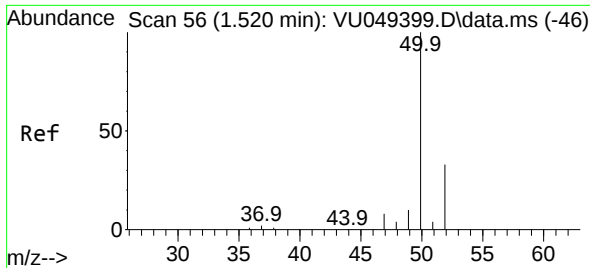
Tgt Ion:168 Resp: 223194
Ion Ratio Lower Upper
168 100
99 60.9 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 45.025 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion: 85 Resp: 161483
Ion Ratio Lower Upper
85 100
87 33.1 16.4 49.2

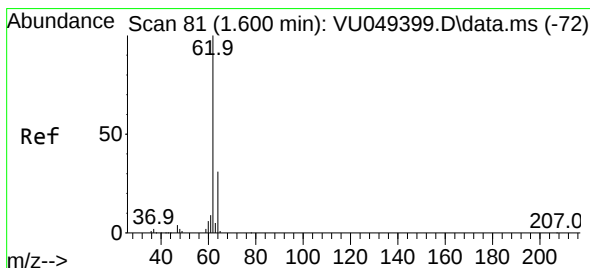
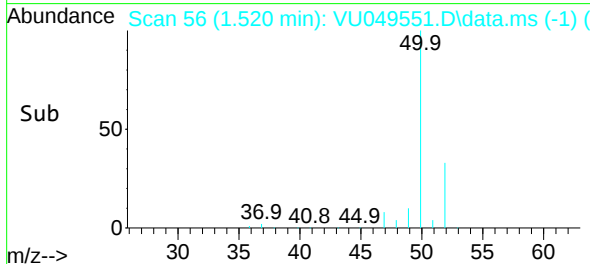
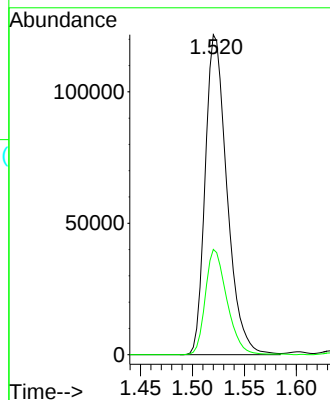
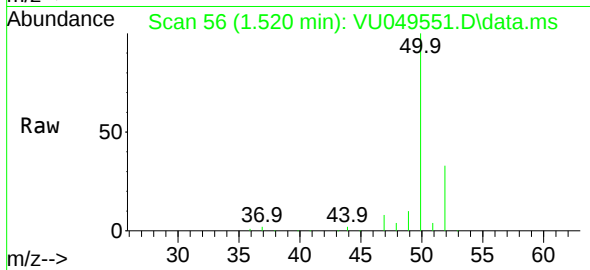




#3
Chloromethane
Concen: 40.373 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

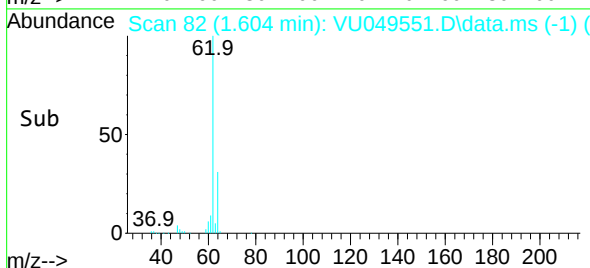
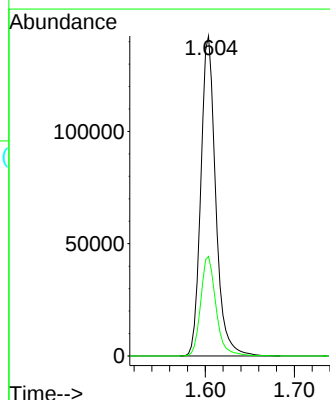
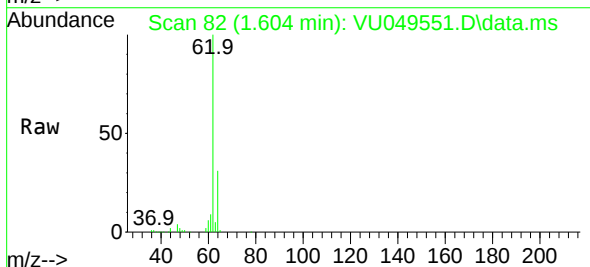
Instrument :
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ClientSampleId :
VSTDCCC050EC

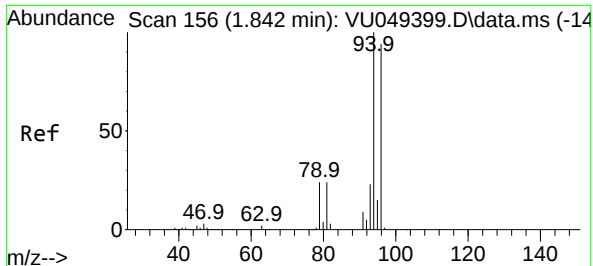
Tgt Ion: 50 Resp: 177740
Ion Ratio Lower Upper
50 100
52 32.9 27.4 41.2



#4
Vinyl Chloride
Concen: 45.882 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion: 62 Resp: 165675
Ion Ratio Lower Upper
62 100
64 31.1 25.3 37.9

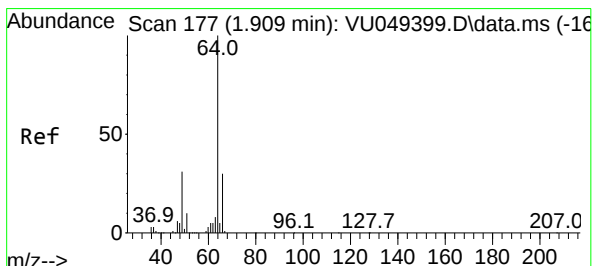
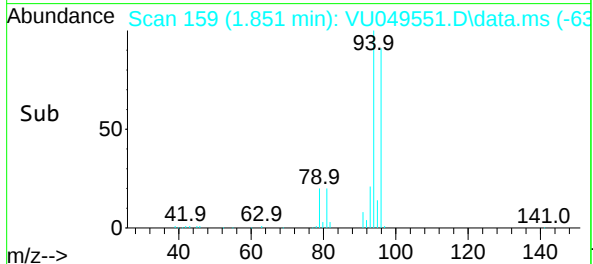
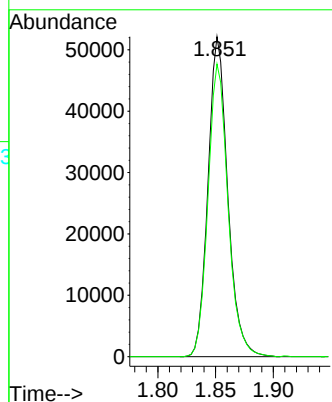
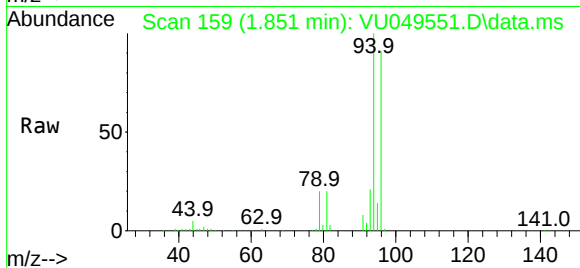




#5
Bromomethane
Concen: 55.138 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

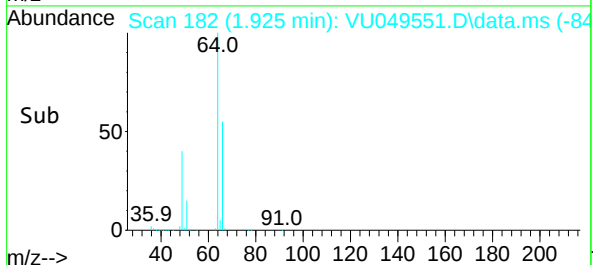
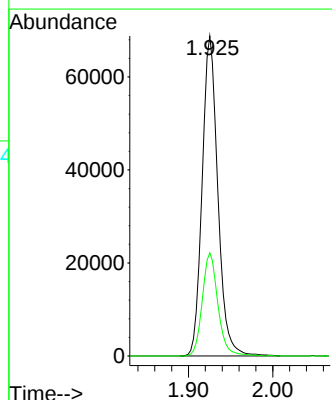
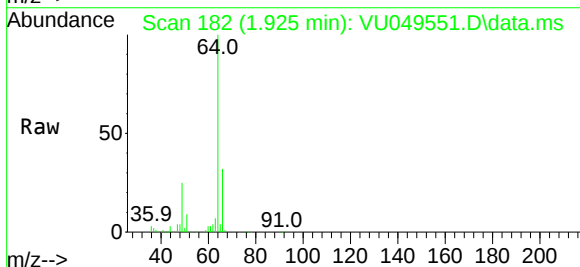
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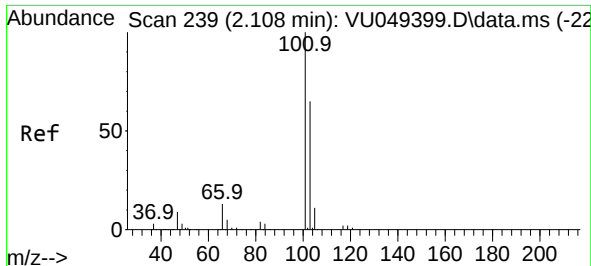
Tgt Ion: 94 Resp: 61908
Ion Ratio Lower Upper
94 100
96 91.4 73.7 110.5



#6
Chloroethane
Concen: 53.457 ug/l
RT: 1.925 min Scan# 182
Delta R.T. 0.016 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion: 64 Resp: 89275
Ion Ratio Lower Upper
64 100
66 32.3 24.7 37.1

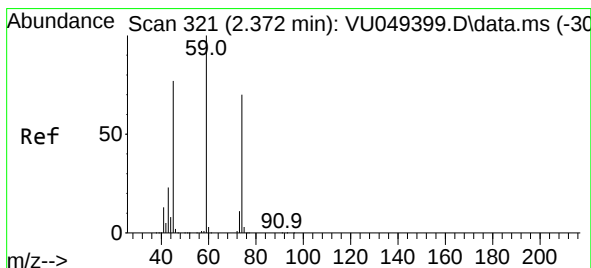
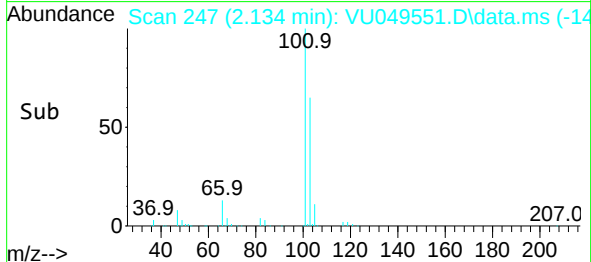
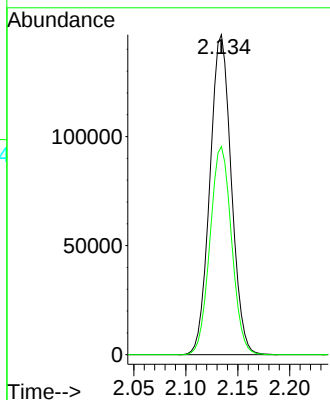
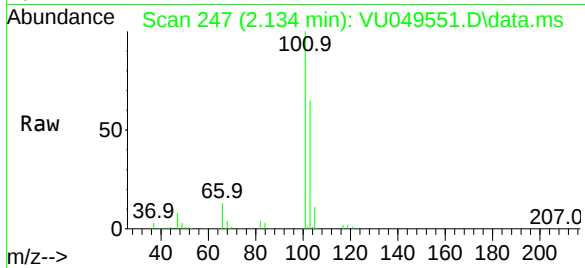




#7
 Trichlorofluoromethane
 Concen: 45.686 ug/l
 RT: 2.134 min Scan# 241
 Delta R.T. 0.026 min
 Lab File: VU049551.D
 Acq: 30 Jun 2022 07:26

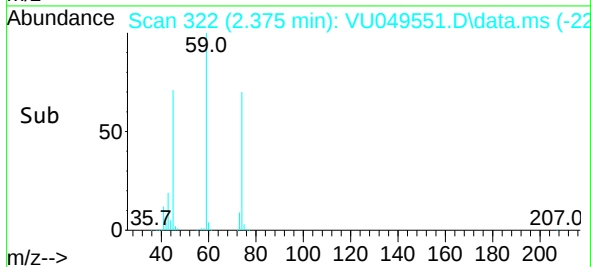
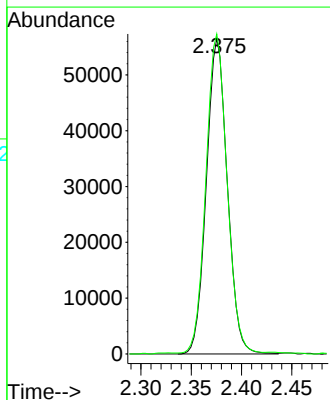
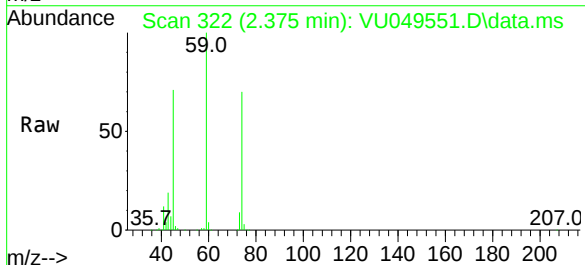
Instrument :
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 VSTDCCC050EC

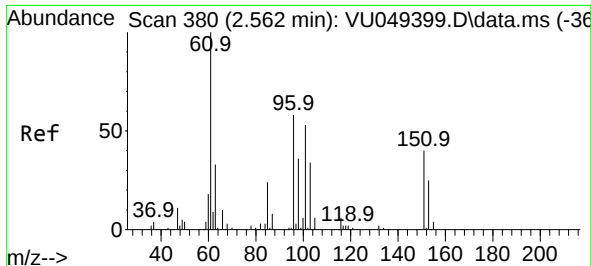
Tgt Ion:101 Resp: 210241
 Ion Ratio Lower Upper
 101 100
 103 65.1 50.6 75.8



#8
 Diethyl Ether
 Concen: 49.117 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. 0.003 min
 Lab File: VU049551.D
 Acq: 30 Jun 2022 07:26

Tgt Ion: 74 Resp: 81649
 Ion Ratio Lower Upper
 74 100
 45 101.9 44.4 133.2

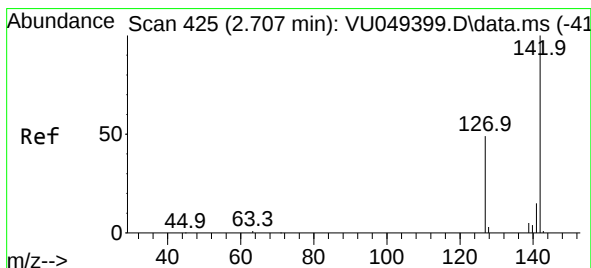
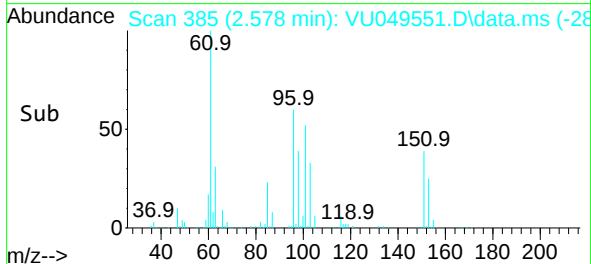
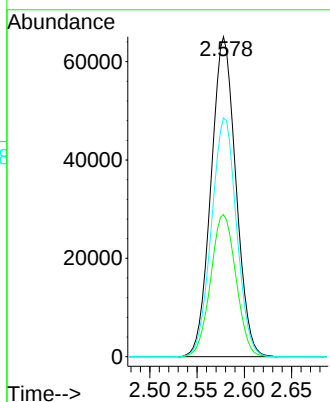
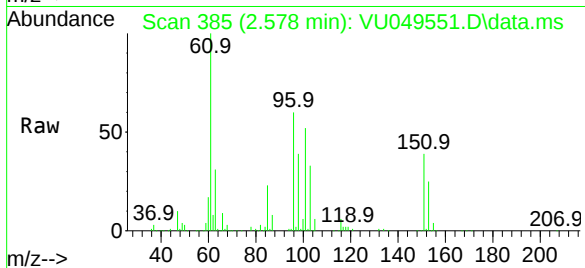




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.887 ug/l
RT: 2.578 min Scan# 380
Delta R.T. 0.016 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

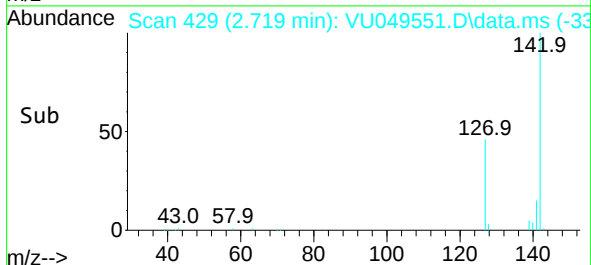
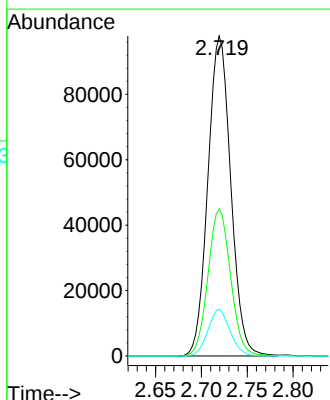
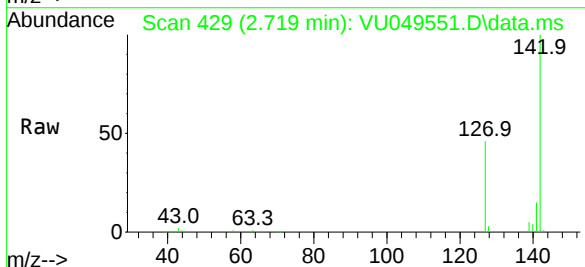
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

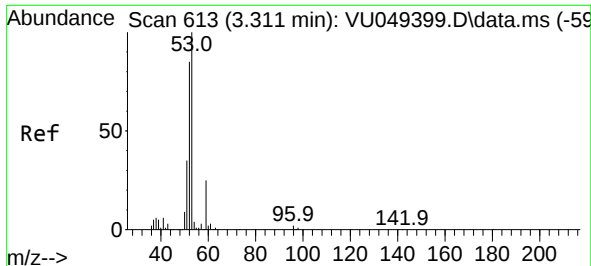
Tgt Ion:101 Resp: 118569
Ion Ratio Lower Upper
101 100
85 45.4 33.9 50.9
151 75.7 64.0 96.0



#10
Methyl Iodide
Concen: 66.740 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.013 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion:142 Resp: 169598
Ion Ratio Lower Upper
142 100
127 45.5 32.5 48.7
141 14.1 11.4 17.0





#11

Tert butyl alcohol

Concen: 9.395 ug/l

RT: 3.353 min Scan# 61

Delta R.T. 0.042 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

Instrument :

MSVOA_U

ClientSampleId :

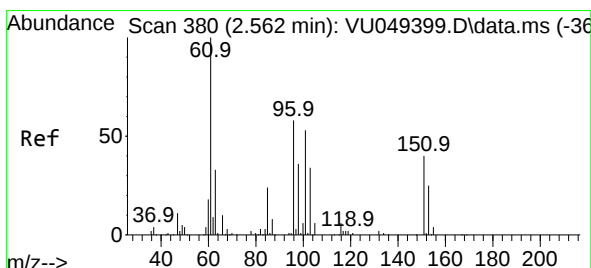
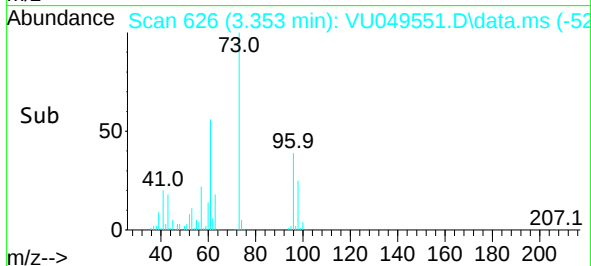
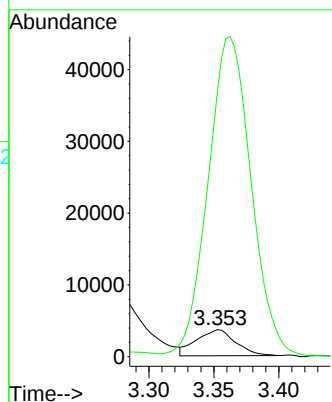
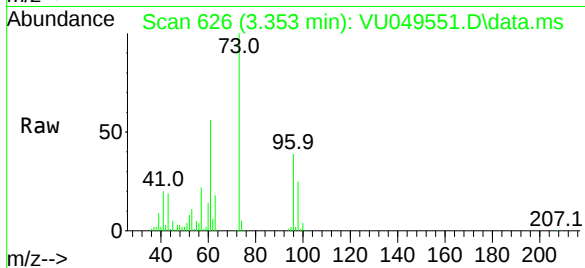
VSTDCCC050EC

Tgt Ion: 59 Resp: 7559

Ion Ratio Lower Upper

59 100

57 1358.5 30.6 45.8#



#12

1,1-Dichloroethene

Concen: 49.887 ug/l

RT: 2.578 min Scan# 385

Delta R.T. 0.016 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

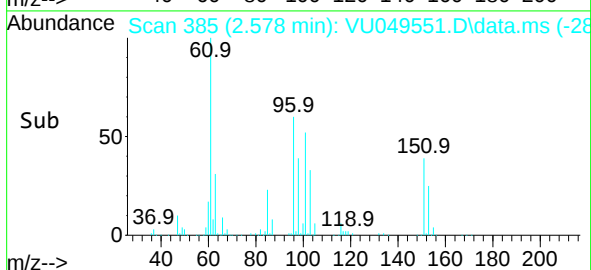
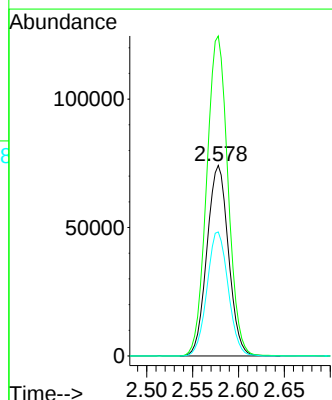
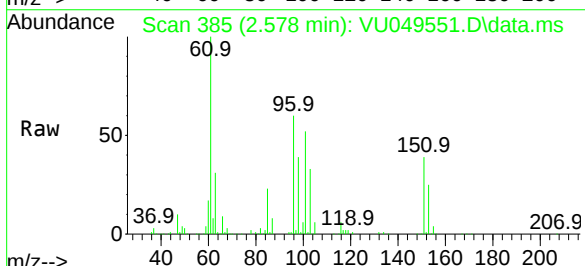
Tgt Ion: 96 Resp: 120935

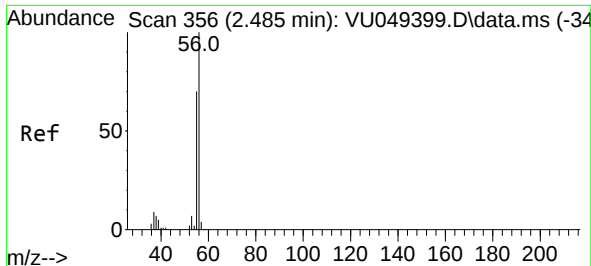
Ion Ratio Lower Upper

96 100

61 167.9 122.2 183.2

98 65.1 50.7 76.1

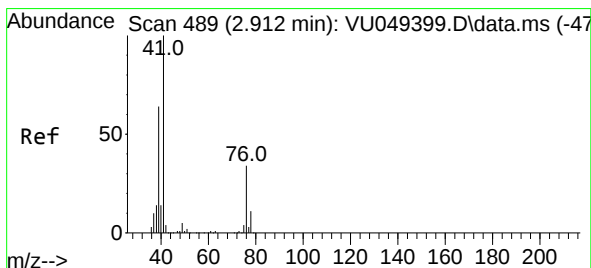
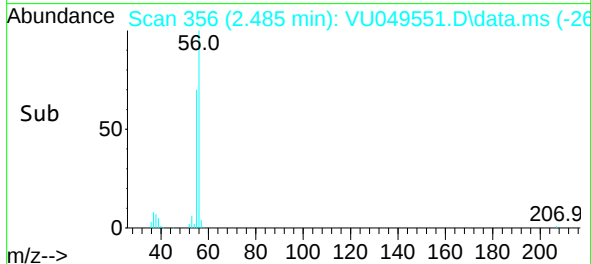
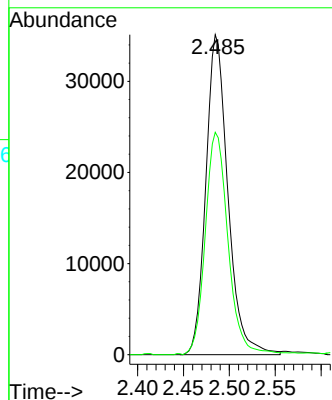
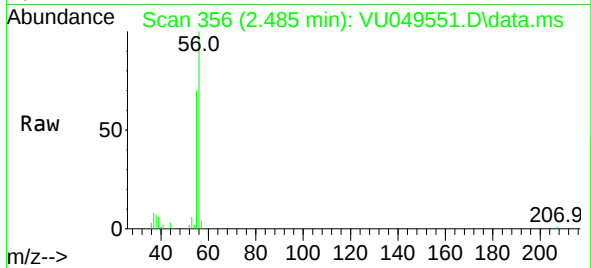




#13
Acrolein
Concen: 107.868 ug/l
RT: 2.485 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

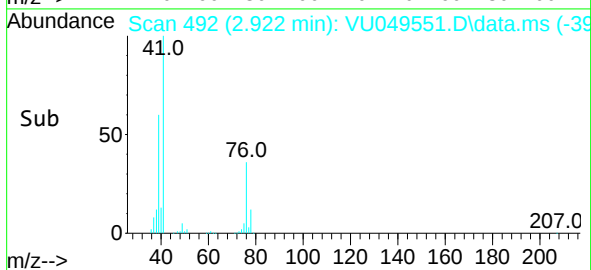
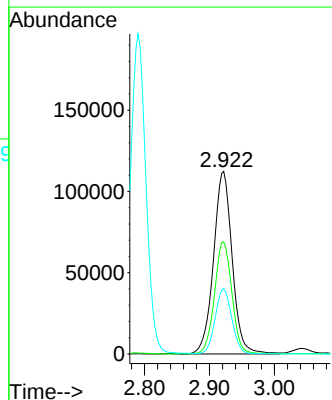
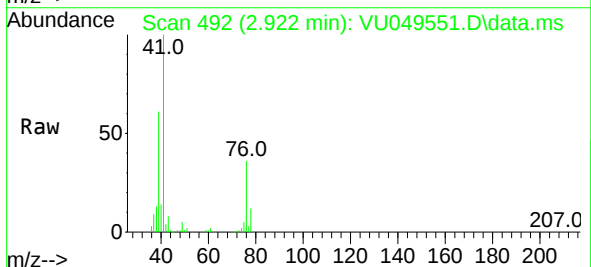
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

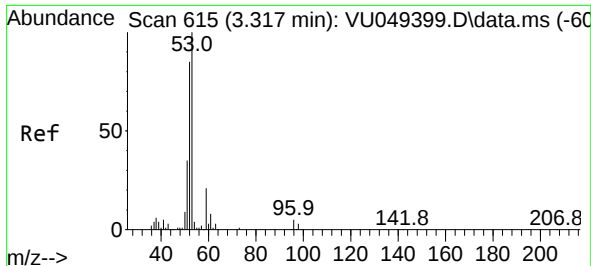
Tgt Ion: 56 Resp: 58771
Ion Ratio Lower Upper
56 100
55 72.1 56.6 85.0



#14
Allyl chloride
Concen: 45.860 ug/l
RT: 2.922 min Scan# 492
Delta R.T. 0.010 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion: 41 Resp: 224681
Ion Ratio Lower Upper
41 100
39 56.6 53.4 80.2
76 31.4 33.8 50.6#

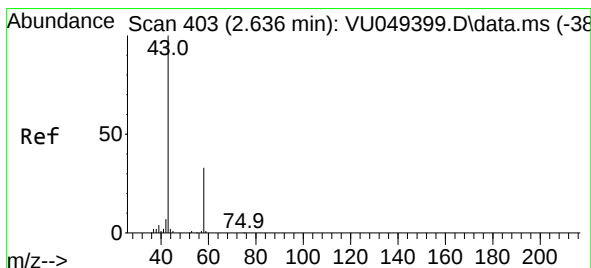
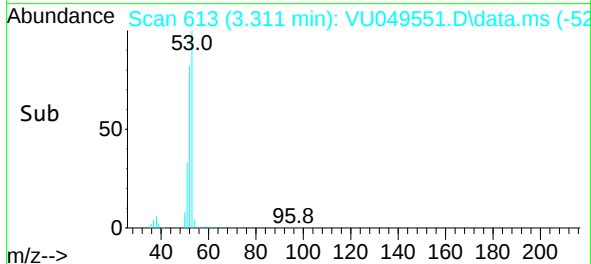
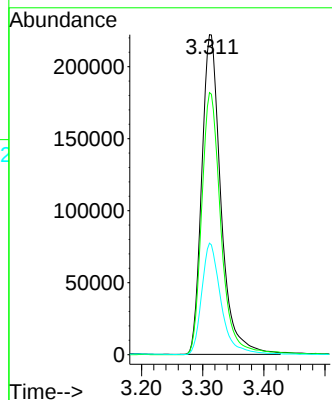
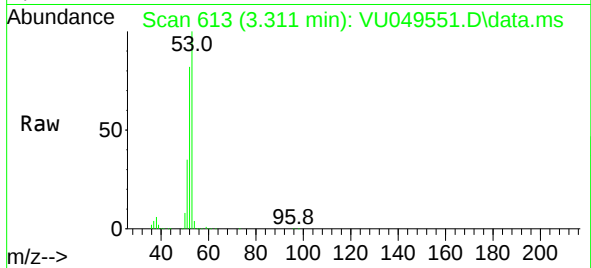




#15
Acrylonitrile
Concen: 250.424 ug/l
RT: 3.311 min Scan# 615
Delta R.T. -0.006 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

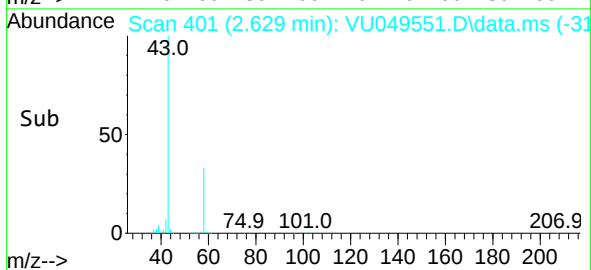
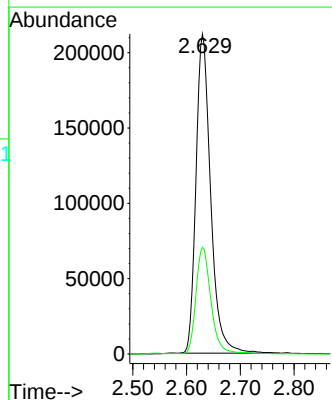
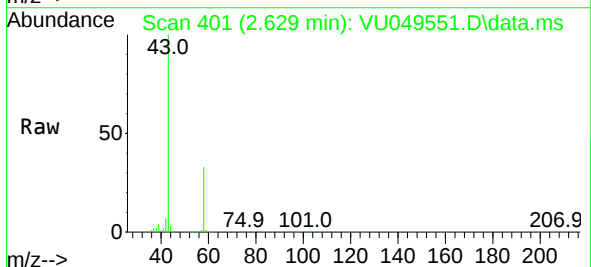
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

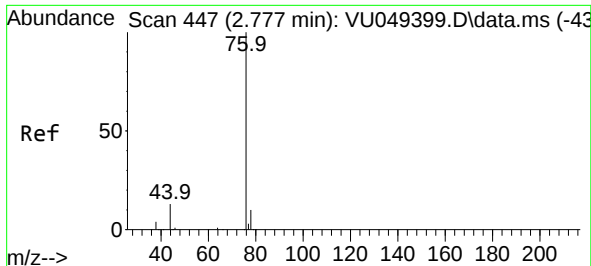
Tgt Ion: 53 Resp: 484563
Ion Ratio Lower Upper
53 100
52 81.8 65.7 98.5
51 35.1 28.2 42.4



#16
Acetone
Concen: 231.320 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.006 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion: 43 Resp: 400975
Ion Ratio Lower Upper
43 100
58 33.4 27.5 41.3

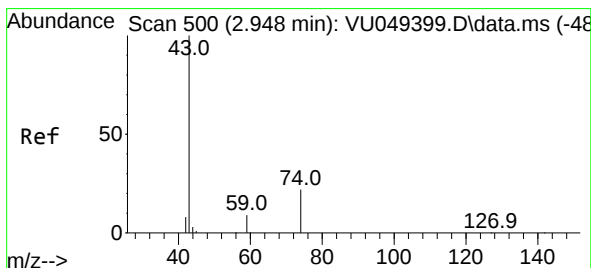
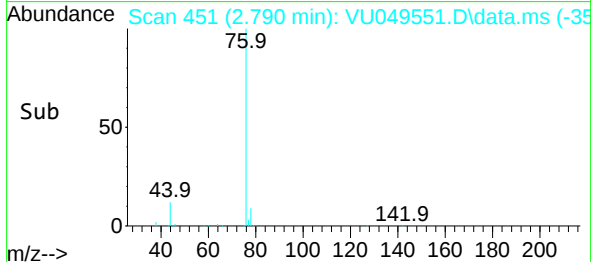
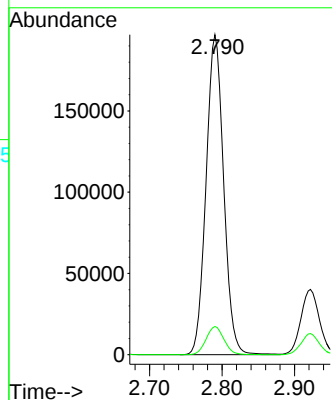
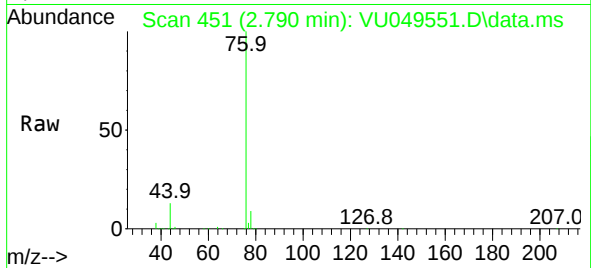




#17
Carbon Disulfide
Concen: 43.798 ug/l
RT: 2.790 min Scan# 41
Delta R.T. 0.013 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

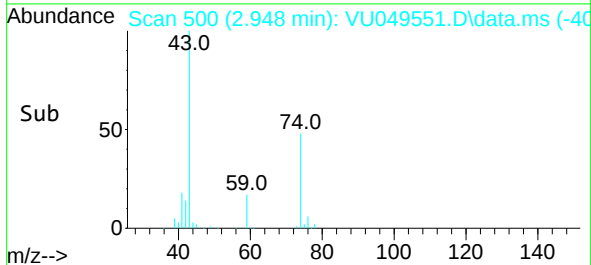
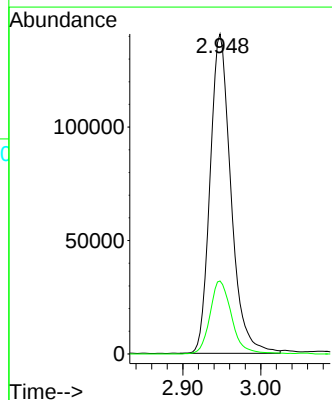
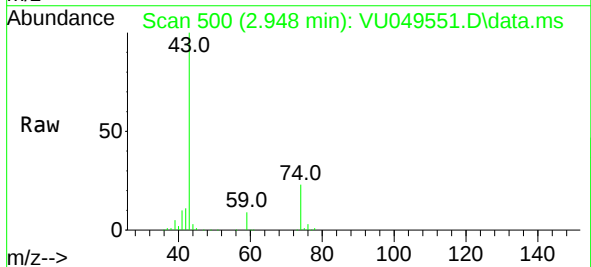
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

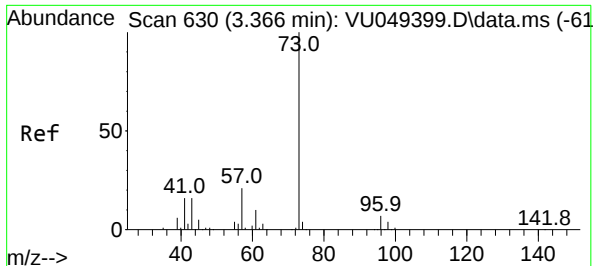
Tgt Ion: 76 Resp: 331112
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 55.801 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion: 43 Resp: 261841
Ion Ratio Lower Upper
43 100
74 23.9 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 50.654 ug/l

RT: 3.362 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

Instrument :

MSVOA_U

ClientSampleId :

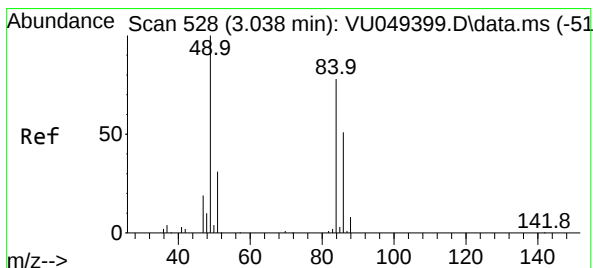
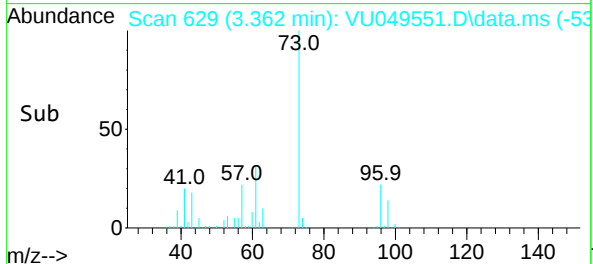
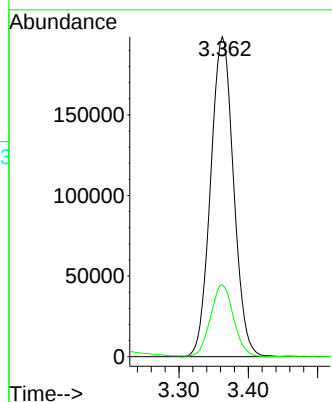
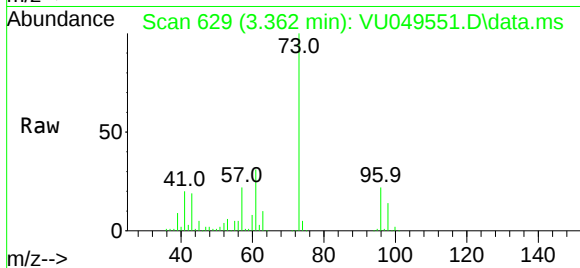
VSTDCCC050EC

Tgt Ion: 73 Resp: 456699

Ion Ratio Lower Upper

73 100

57 22.4 17.1 25.7



#20

Methylene Chloride

Concen: 51.580 ug/l

RT: 3.041 min Scan# 529

Delta R.T. 0.003 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

Tgt Ion: 84 Resp: 148769

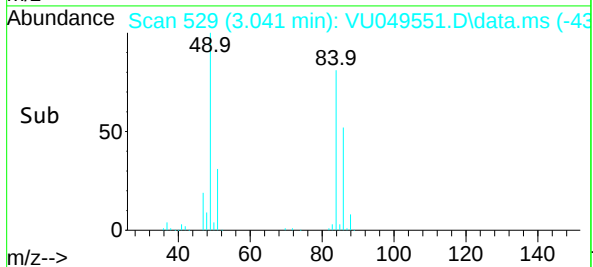
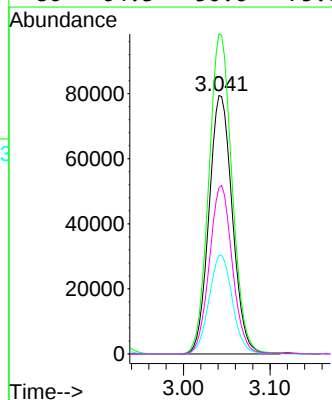
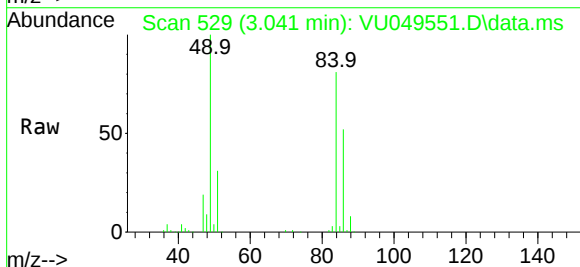
Ion Ratio Lower Upper

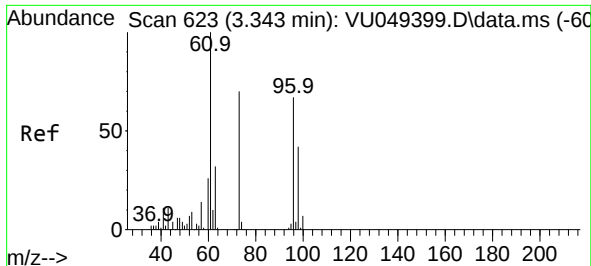
84 100

49 123.8 86.6 129.8

51 38.2 26.6 40.0

86 64.3 50.6 75.8

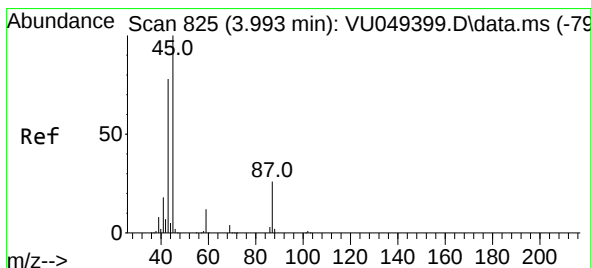
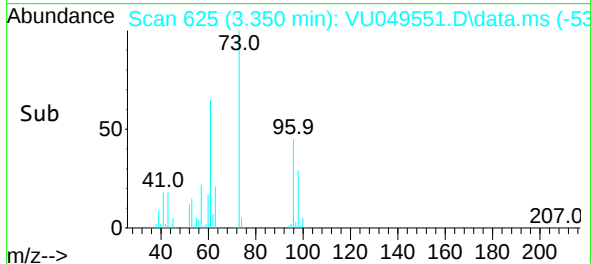
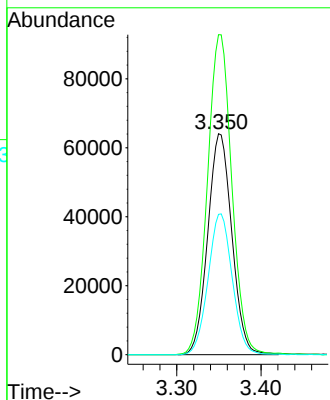
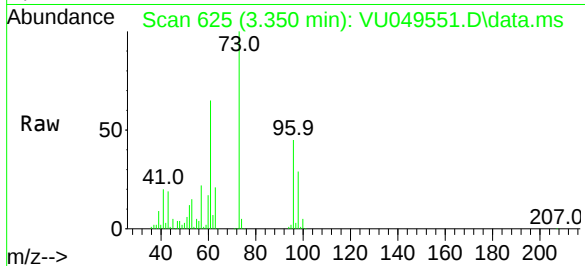




#21
trans-1,2-Dichloroethene
Concen: 48.753 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

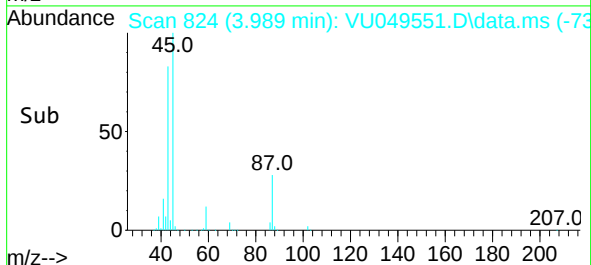
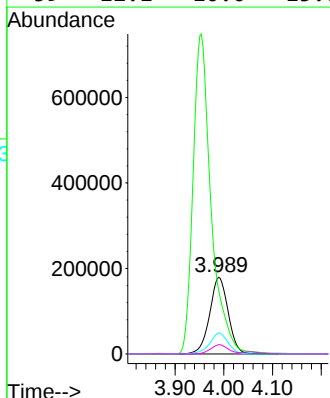
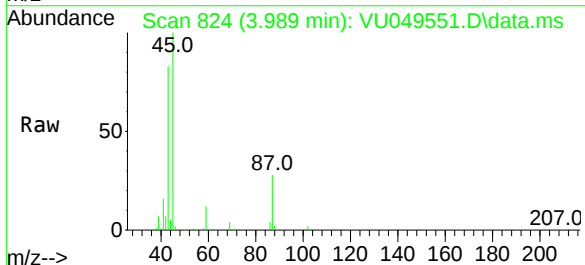
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

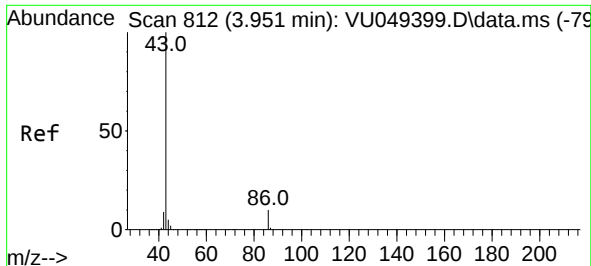
Tgt Ion: 96 Resp: 127405
Ion Ratio Lower Upper
96 100
61 144.7 106.1 159.1
98 63.5 50.8 76.2



#22
Diisopropyl ether
Concen: 50.436 ug/l
RT: 3.989 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion: 45 Resp: 471783
Ion Ratio Lower Upper
45 100
43 82.5 92.9 139.3#
87 27.6 26.2 39.2
59 12.1 10.0 15.0

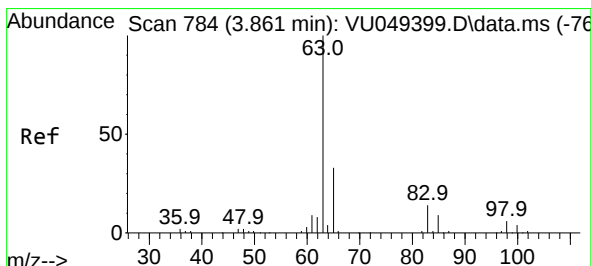
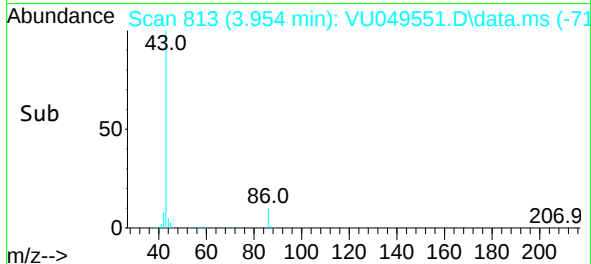
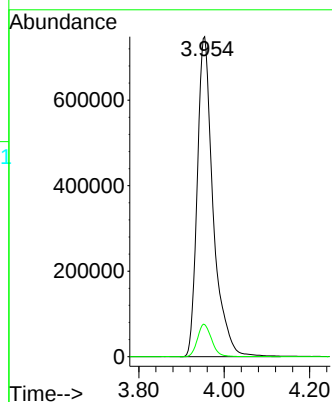
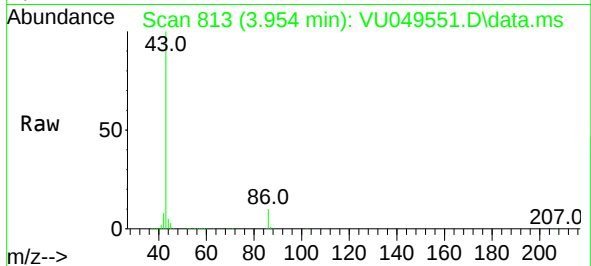




#23
 Vinyl Acetate
 Concen: 235.623 ug/l
 RT: 3.954 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VU049551.D
 Acq: 30 Jun 2022 07:26

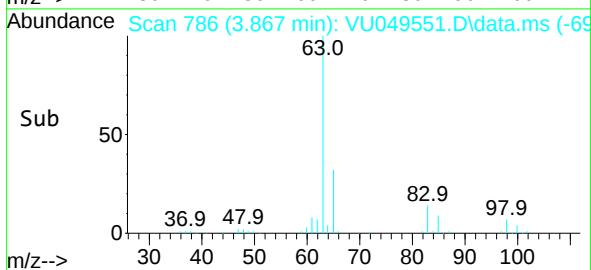
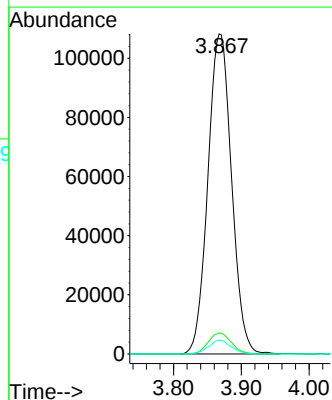
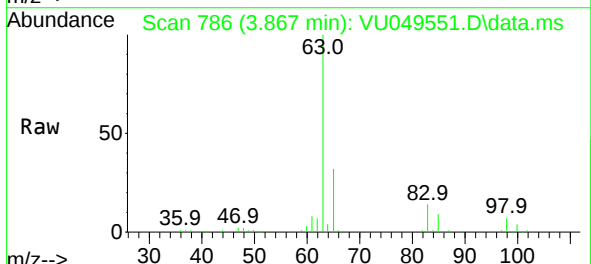
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

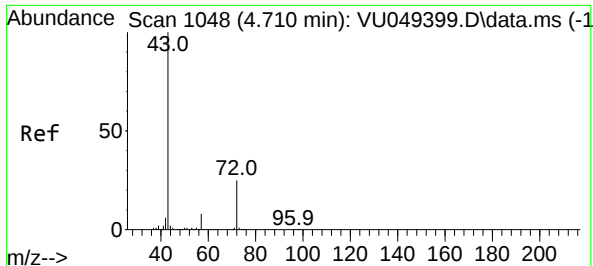
Tgt Ion: 43 Resp: 1931823
 Ion Ratio Lower Upper
 43 100
 86 10.1 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 48.889 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VU049551.D
 Acq: 30 Jun 2022 07:26

Tgt Ion: 63 Resp: 262684
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.9
 100 4.3 2.4 7.2





#25

2-Butanone

Concen: 250.309 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. -0.010 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

Instrument :

MSVOA_U

ClientSampleId :

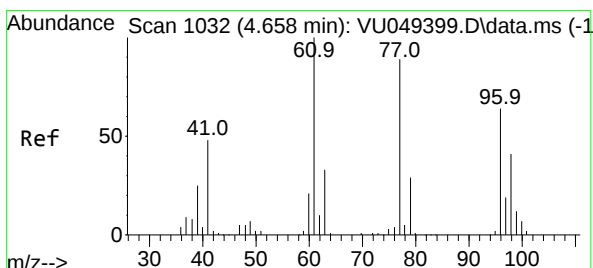
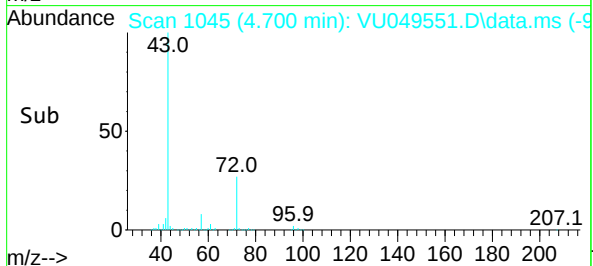
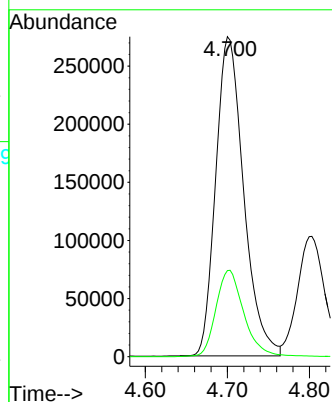
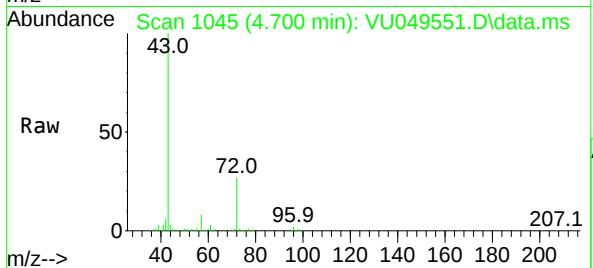
VSTDCCC050EC

Tgt Ion: 43 Resp: 650249

Ion Ratio Lower Upper

43 100

72 26.9 23.8 35.6



#26

2,2-Dichloropropane

Concen: 24.220 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU049551.D

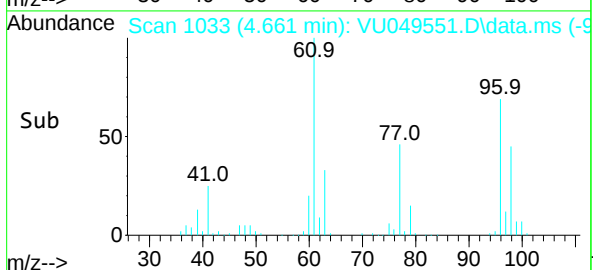
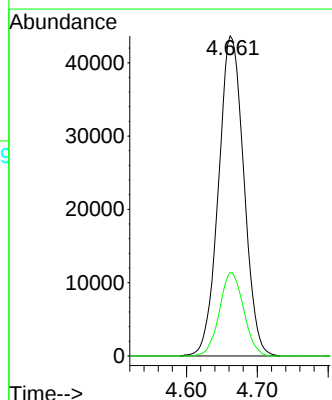
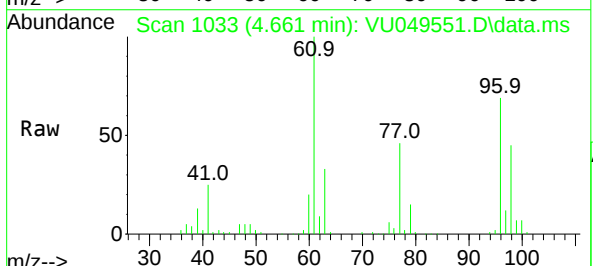
Acq: 30 Jun 2022 07:26

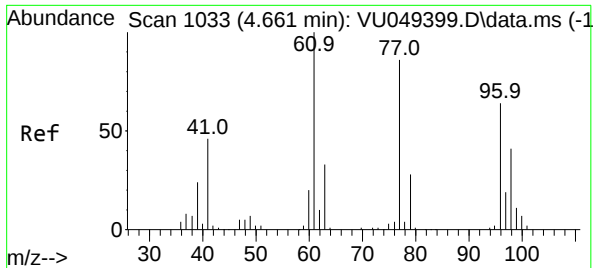
Tgt Ion: 77 Resp: 108311

Ion Ratio Lower Upper

77 100

97 25.0 11.6 34.8

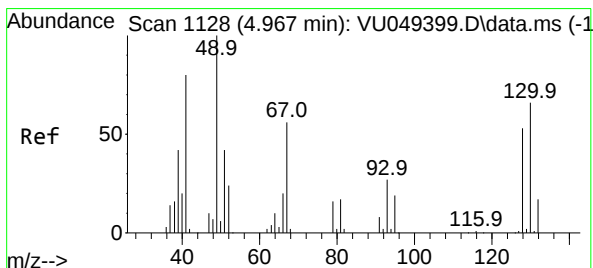
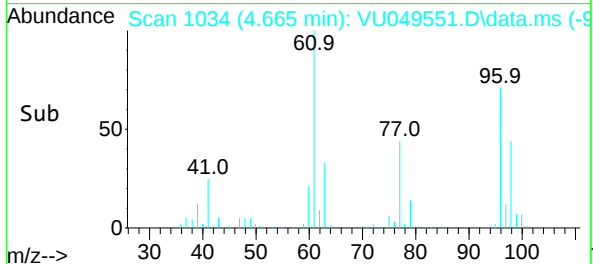
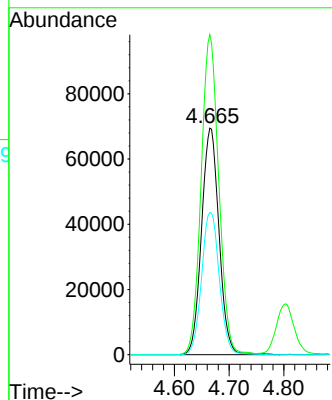
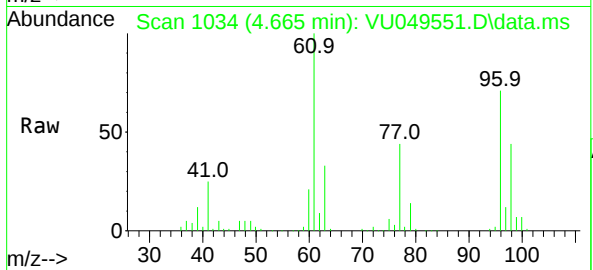




#27
 cis-1,2-Dichloroethene
 Concen: 50.939 ug/l
 RT: 4.665 min Scan# 1130
 Delta R.T. 0.003 min
 Lab File: VU049551.D
 Acq: 30 Jun 2022 07:26

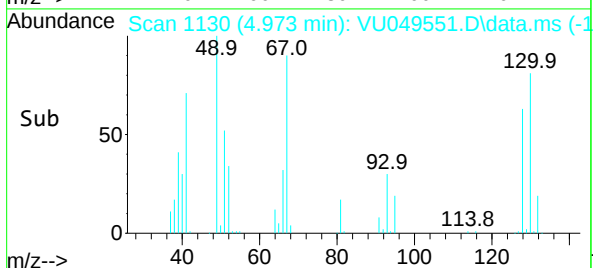
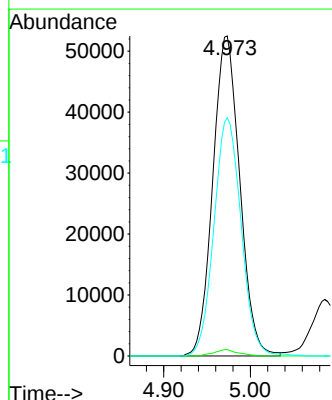
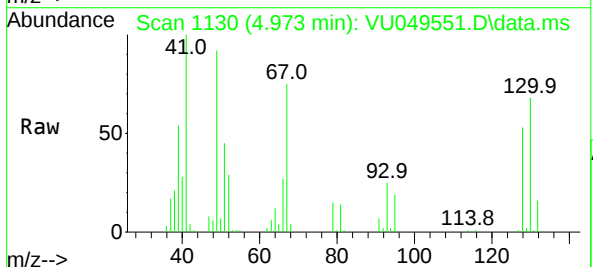
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

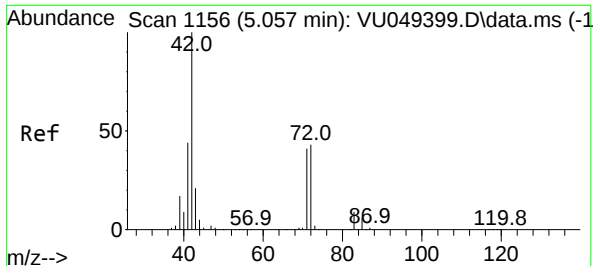
Tgt Ion: 96 Resp: 153802
 Ion Ratio Lower Upper
 96 100
 61 142.8 0.0 271.6
 98 64.1 0.0 128.2



#28
 Bromochloromethane
 Concen: 48.319 ug/l
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VU049551.D
 Acq: 30 Jun 2022 07:26

Tgt Ion: 49 Resp: 113483
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 75.1 76.9 115.3#





#29

Tetrahydrofuran

Concen: 243.409 ug/l

RT: 5.050 min Scan# 1154

Delta R.T. -0.006 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

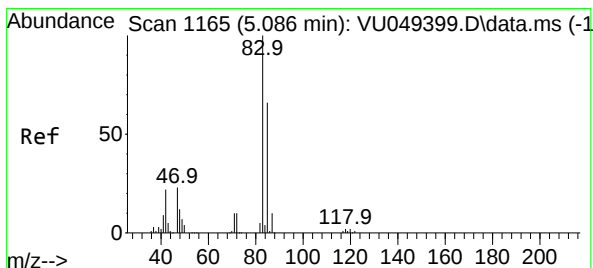
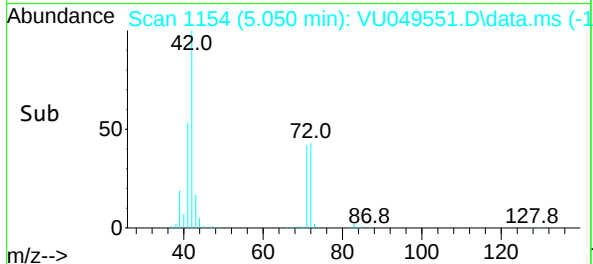
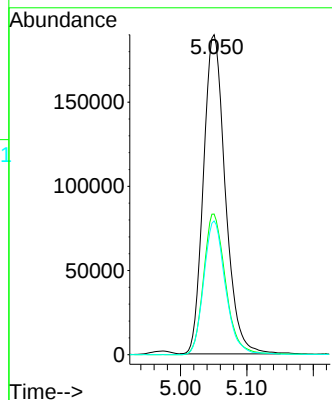
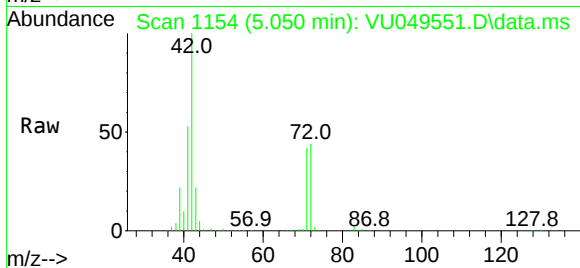
Tgt Ion: 42 Resp: 433781

Ion Ratio Lower Upper

42 100

72 44.6 42.6 63.8

71 41.8 40.3 60.5



#30

Chloroform

Concen: 48.713 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU049551.D

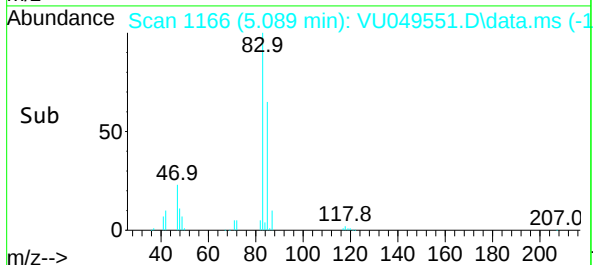
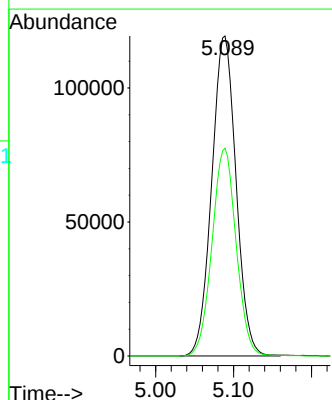
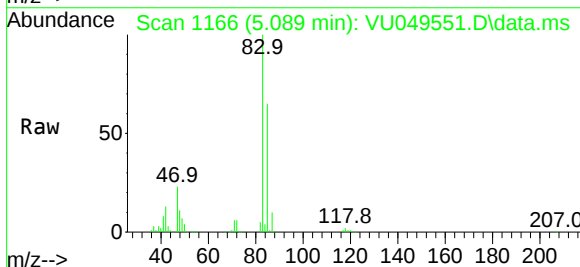
Acq: 30 Jun 2022 07:26

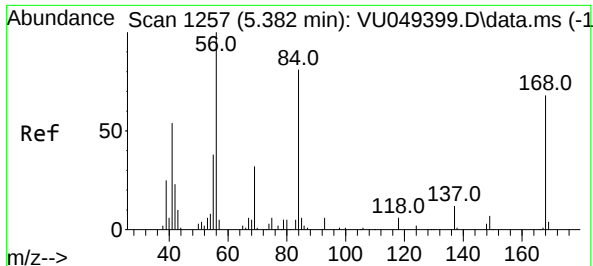
Tgt Ion: 83 Resp: 258915

Ion Ratio Lower Upper

83 100

85 64.9 51.2 76.8

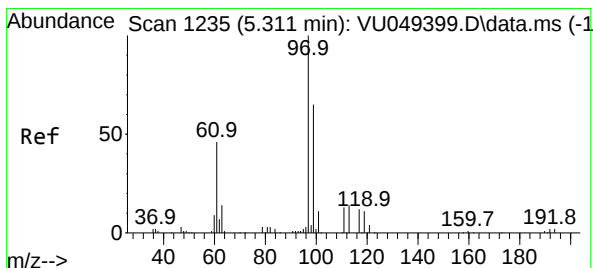
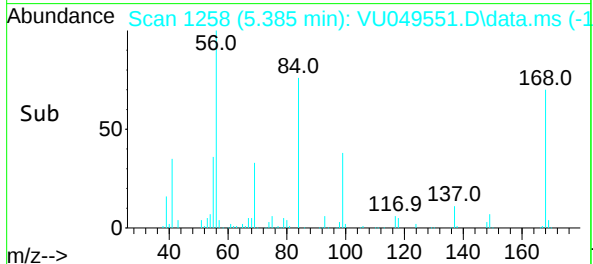
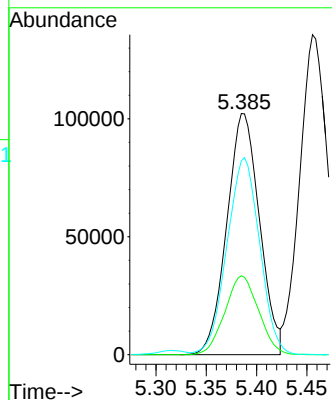
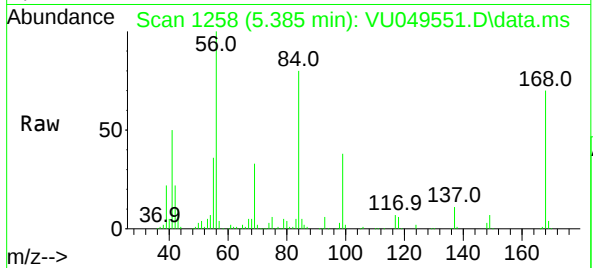




#31
Cyclohexane
Concen: 44.823 ug/l
RT: 5.385 min Scan# 1257
Delta R.T. 0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

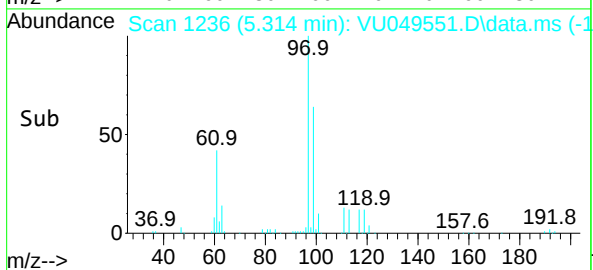
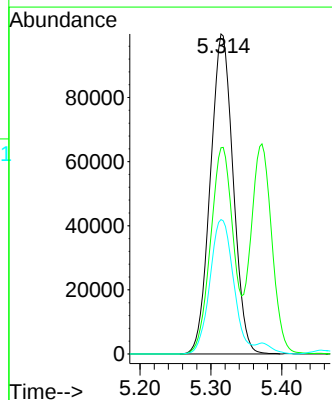
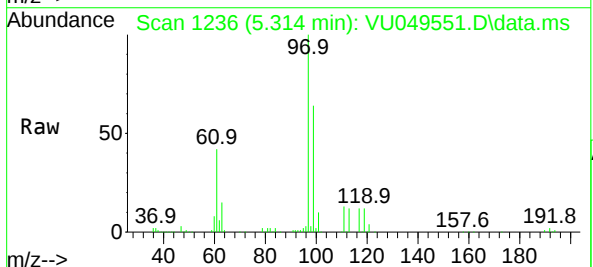
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

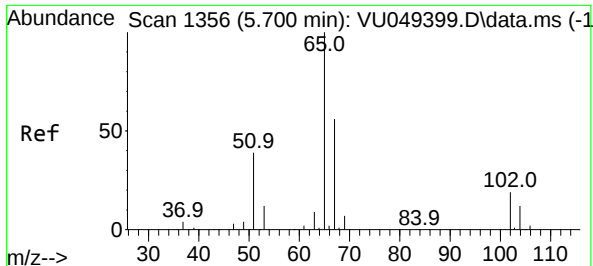
Tgt Ion: 56 Resp: 231344
Ion Ratio Lower Upper
56 100
69 32.7 27.8 41.8
84 78.9 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 48.363 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion: 97 Resp: 223032
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.6
61 43.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.189 ug/l

RT: 5.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

Instrument :

MSVOA_U

ClientSampleId :

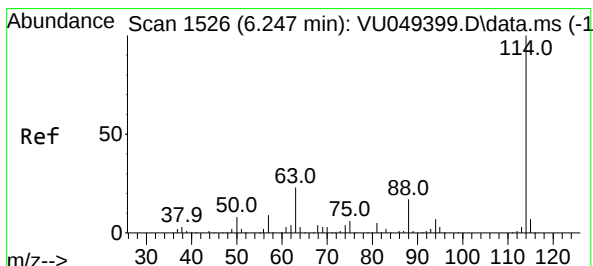
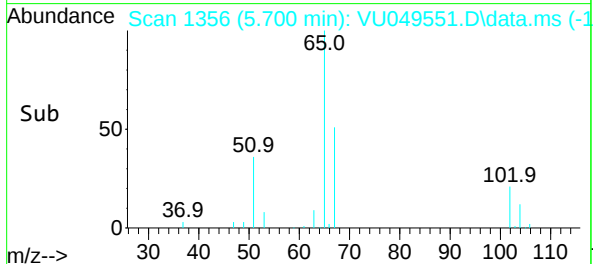
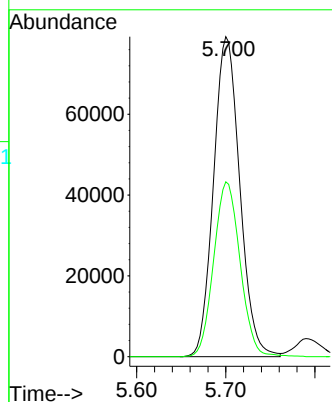
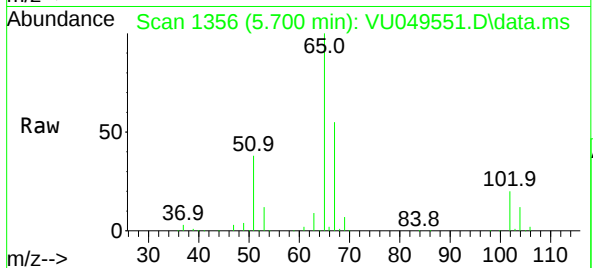
VSTDCCC050EC

Tgt Ion: 65 Resp: 162203

Ion Ratio Lower Upper

65 100

67 54.9 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: VU049551.D

Acq: 30 Jun 2022 07:26

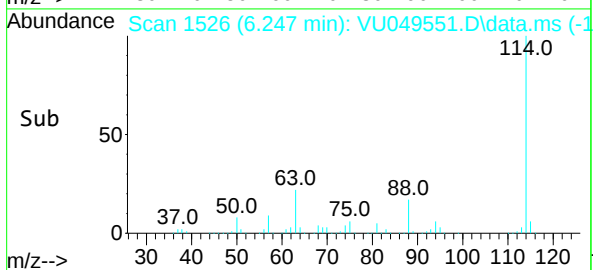
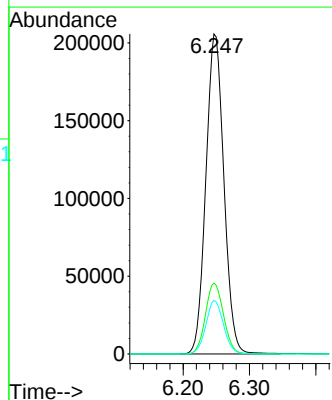
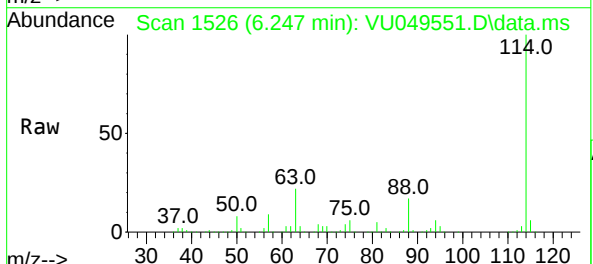
Tgt Ion: 114 Resp: 388543

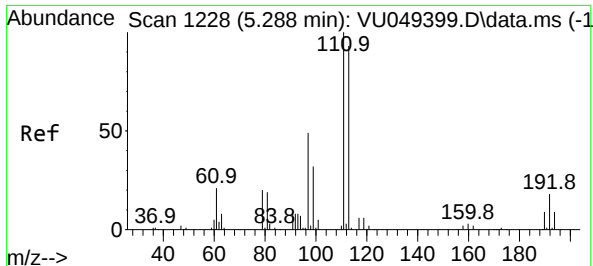
Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.8

88 16.7 0.0 29.2

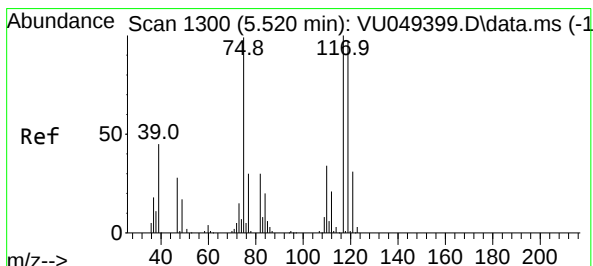
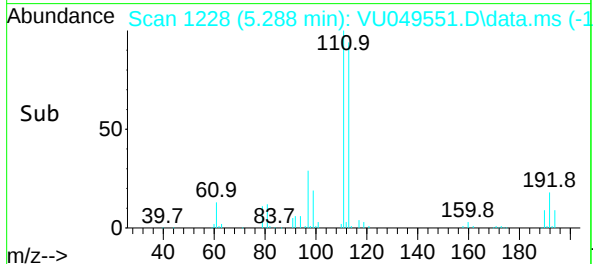
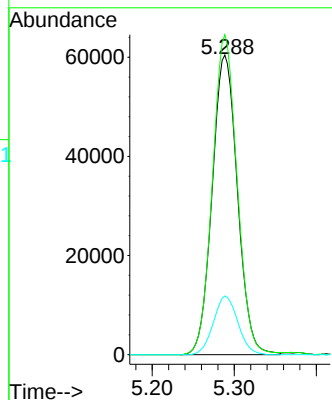
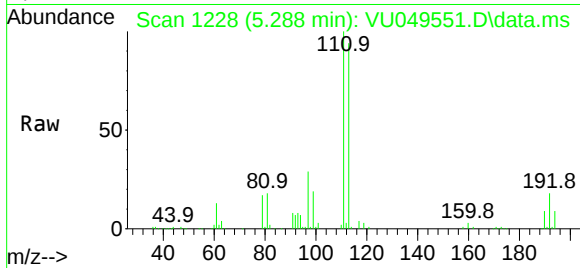




#35
Dibromofluoromethane
Concen: 47.663 ug/l
RT: 5.288 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

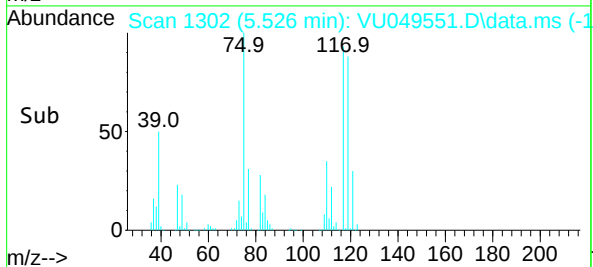
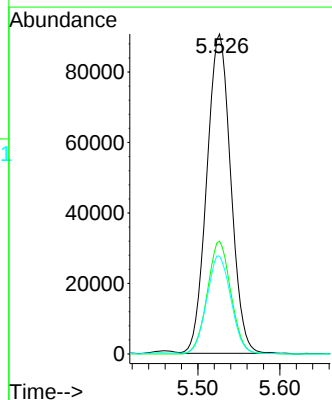
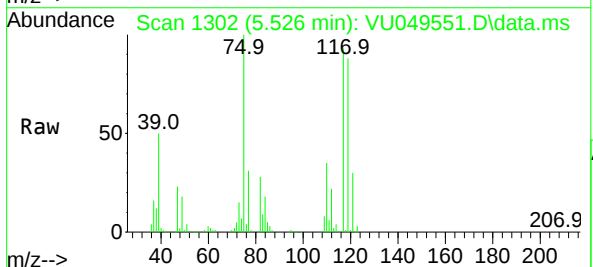
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

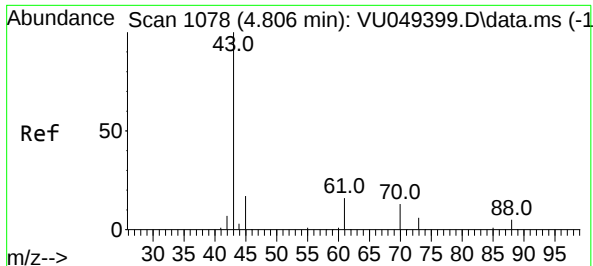
Tgt Ion:113 Resp: 129565
Ion Ratio Lower Upper
113 100
111 104.0 82.1 123.1
192 18.9 18.0 27.0



#36
1,1-Dichloropropene
Concen: 46.639 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion: 75 Resp: 183832
Ion Ratio Lower Upper
75 100
110 34.8 18.4 55.2
77 31.2 25.1 37.7





#37

Ethyl Acetate

Concen: 45.265 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

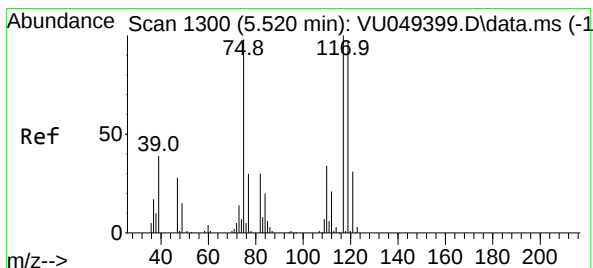
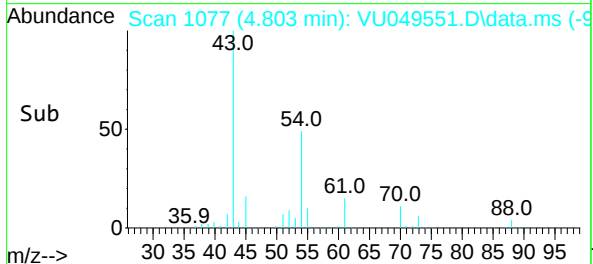
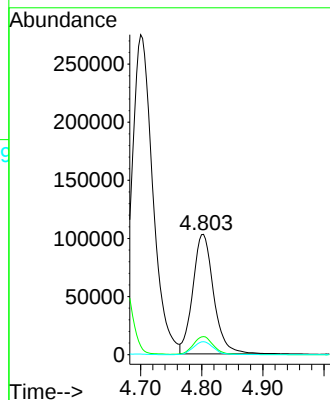
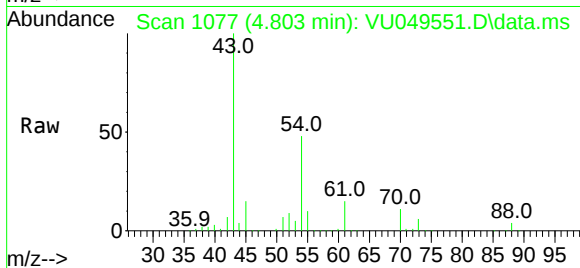
Tgt Ion: 43 Resp: 243799

Ion Ratio Lower Upper

43 100

61 14.3 9.5 14.3#

70 10.6 7.5 11.3



#38

Carbon Tetrachloride

Concen: 45.447 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

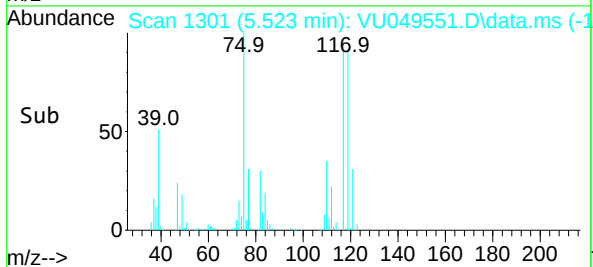
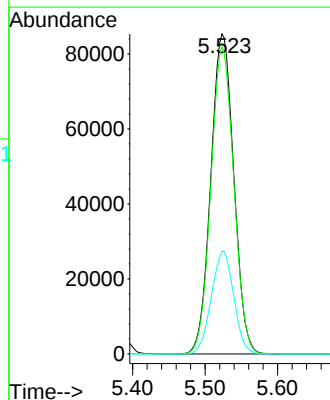
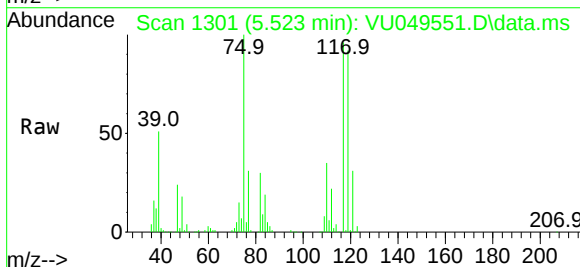
Tgt Ion: 117 Resp: 187865

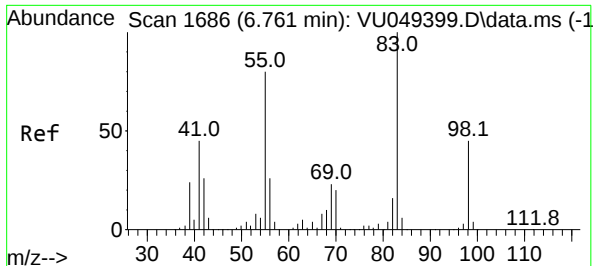
Ion Ratio Lower Upper

117 100

119 96.0 76.8 115.2

121 32.1 24.7 37.1





#39

Methylcyclohexane

Concen: 44.484 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

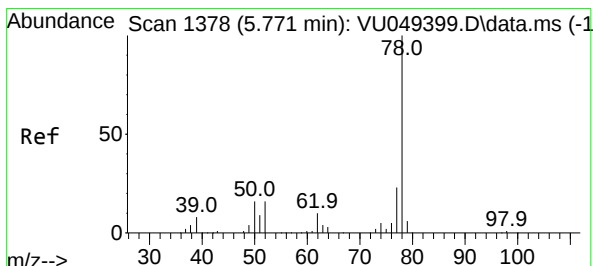
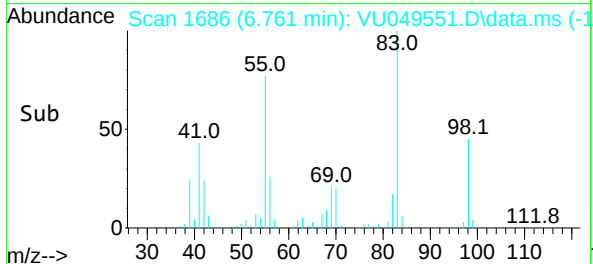
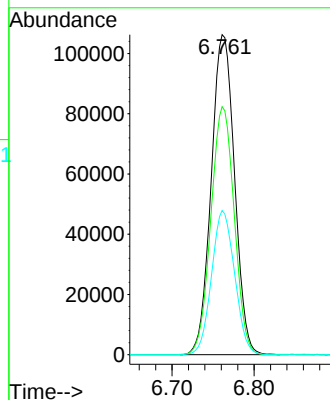
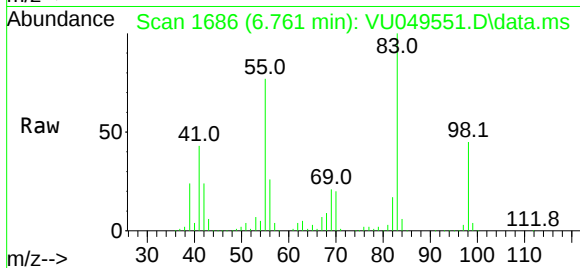
Tgt Ion: 83 Resp: 210166

Ion Ratio Lower Upper

83 100

55 77.4 55.3 82.9

98 45.0 37.3 55.9



#40

Benzene

Concen: 47.722 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU049551.D

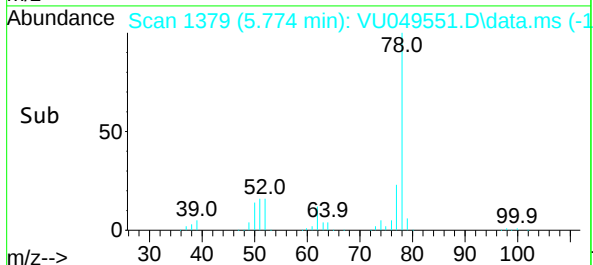
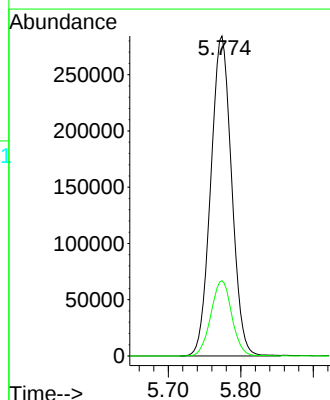
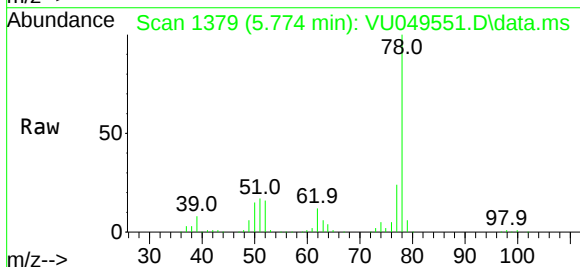
Acq: 30 Jun 2022 07:26

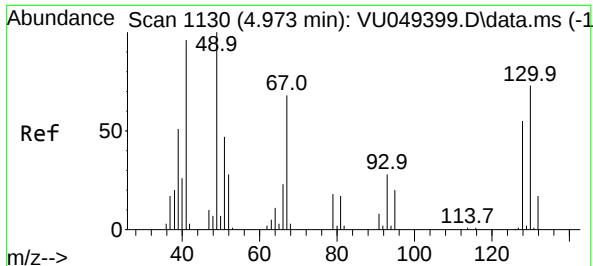
Tgt Ion: 78 Resp: 567901

Ion Ratio Lower Upper

78 100

77 23.6 18.8 28.2

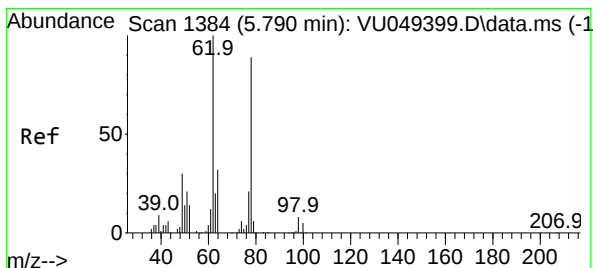
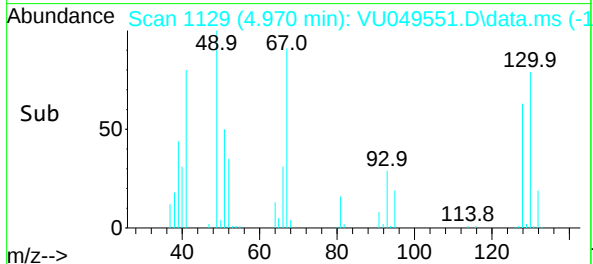
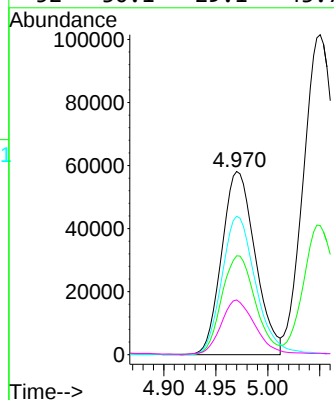
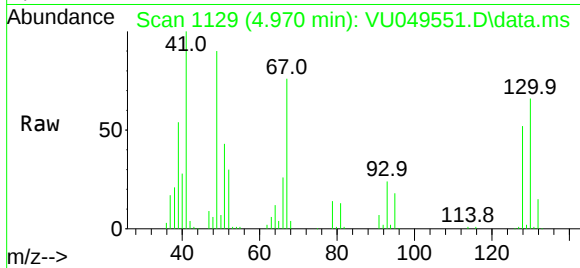




#41
Methacrylonitrile
Concen: 48.287 ug/l
RT: 4.970 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

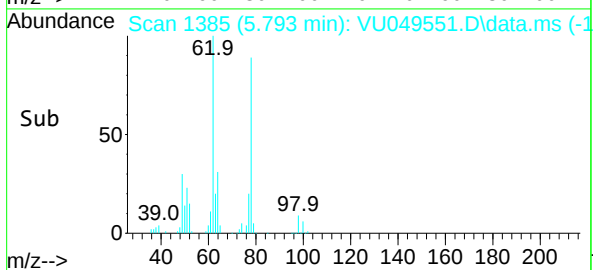
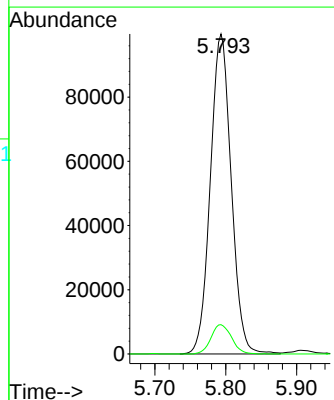
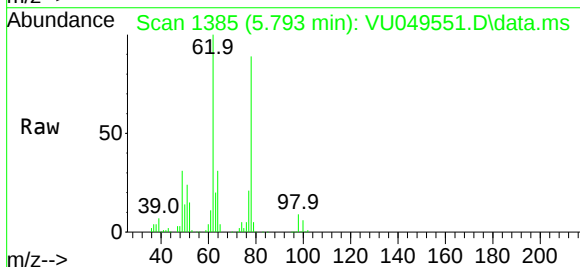
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

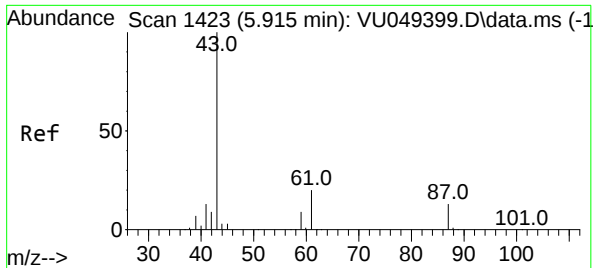
Tgt Ion: 41 Resp: 130317
Ion Ratio Lower Upper
41 100
39 53.5 43.1 64.7
67 77.0 72.3 108.5
52 30.1 29.1 43.7



#42
1,2-Dichloroethane
Concen: 46.063 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion: 62 Resp: 204013
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.6

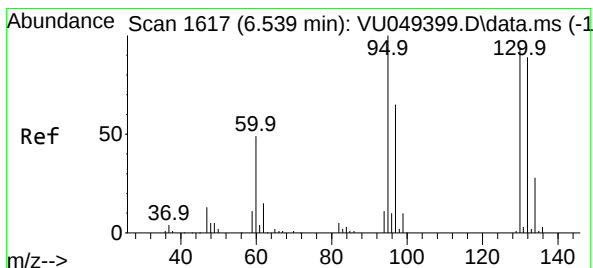
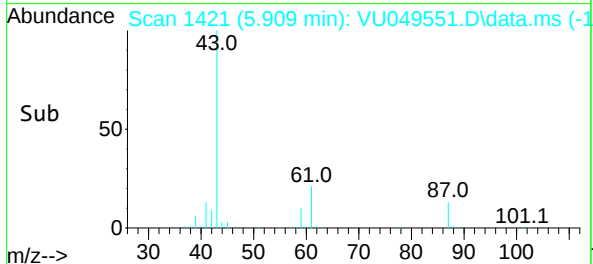
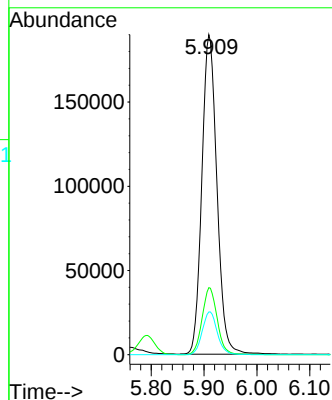
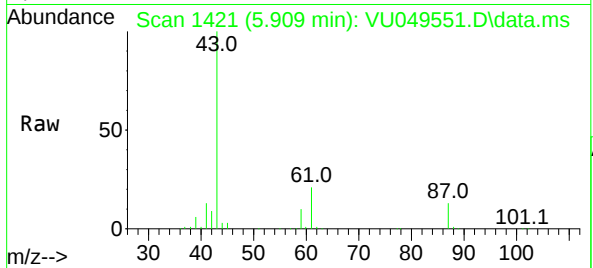




#43
Isopropyl Acetate
Concen: 47.594 ug/l
RT: 5.909 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

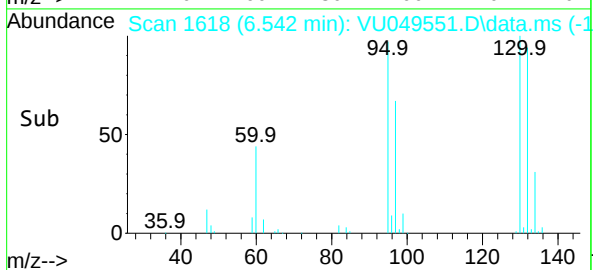
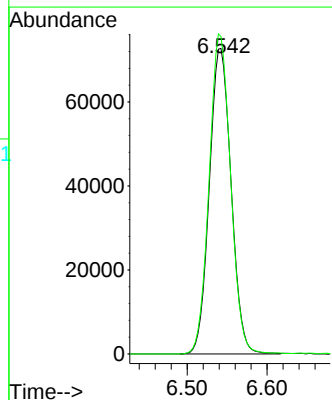
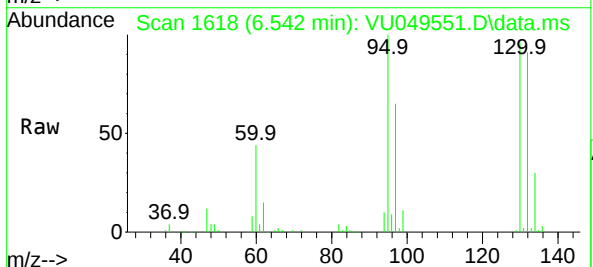
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

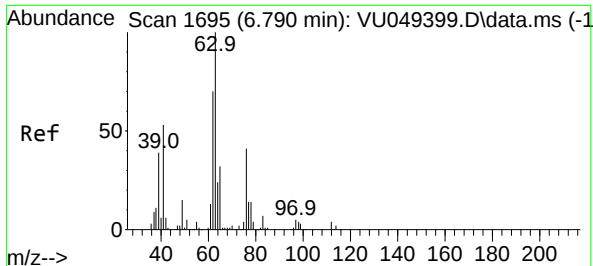
Tgt Ion: 43 Resp: 375613
Ion Ratio Lower Upper
43 100
61 21.0 17.4 26.0
87 13.4 12.6 18.8



#44
Trichloroethene
Concen: 48.572 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion:130 Resp: 137406
Ion Ratio Lower Upper
130 100
95 103.9 0.0 184.6





#45

1,2-Dichloropropane

Concen: 47.763 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

Instrument :

MSVOA_U

ClientSampleId :

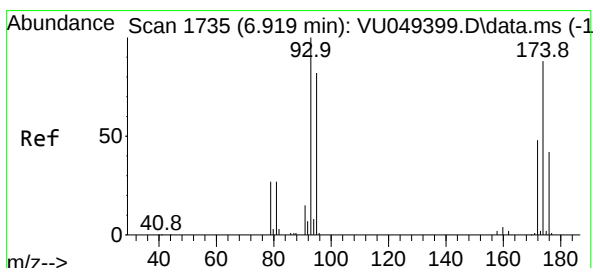
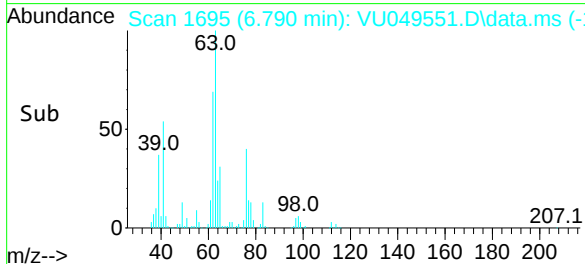
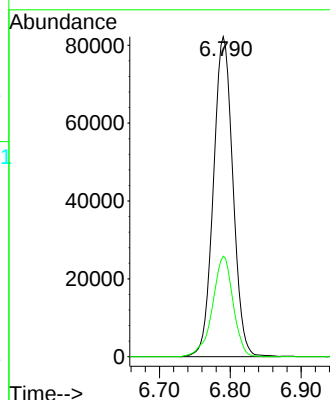
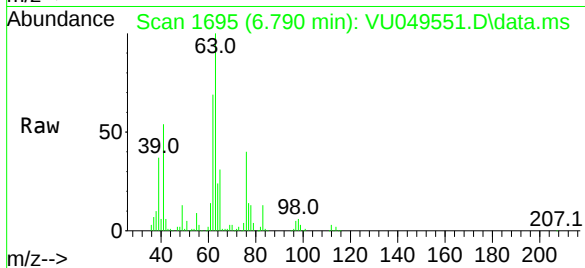
VSTDCCC050EC

Tgt Ion: 63 Resp: 157495

Ion Ratio Lower Upper

63 100

65 31.4 25.0 37.4



#46

Dibromomethane

Concen: 47.608 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. -0.003 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

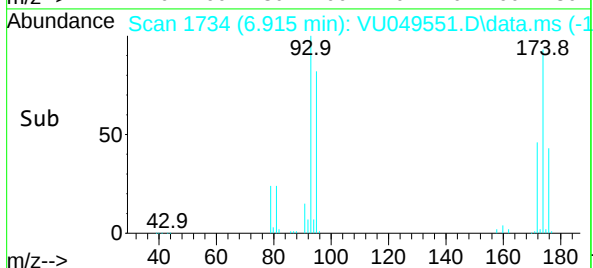
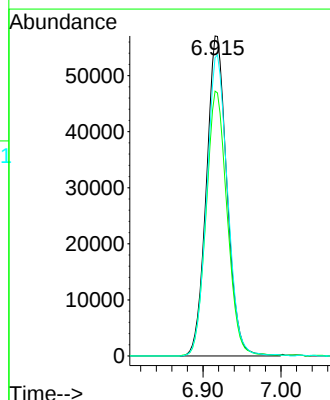
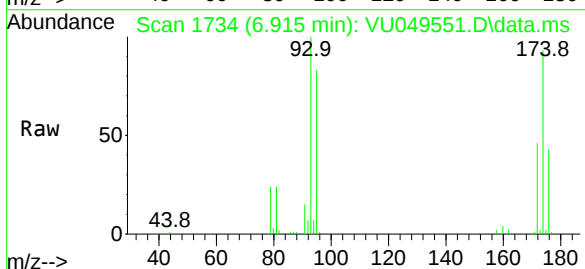
Tgt Ion: 93 Resp: 104664

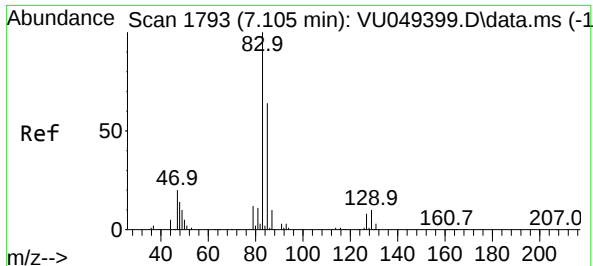
Ion Ratio Lower Upper

93 100

95 84.7 66.3 99.5

174 95.1 88.2 132.4

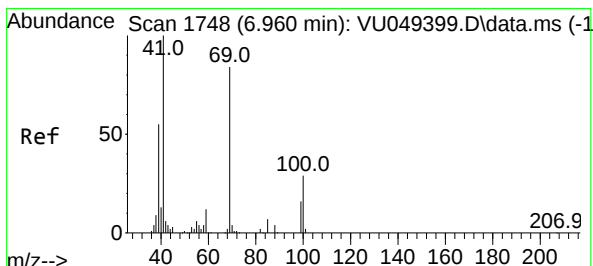
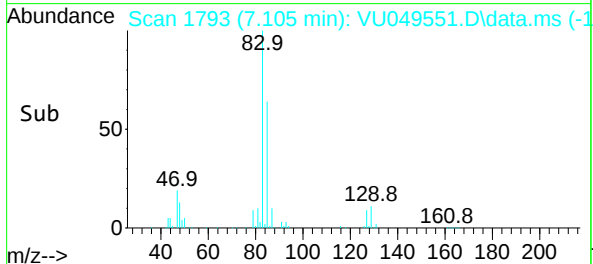
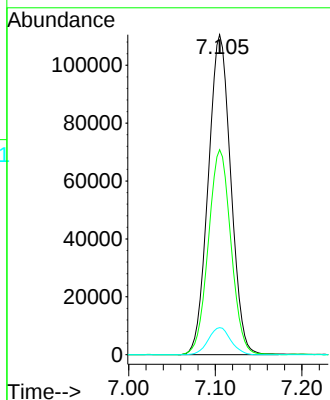
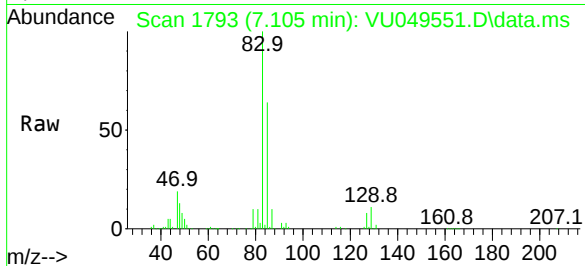




#47
Bromodichloromethane
Concen: 47.308 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

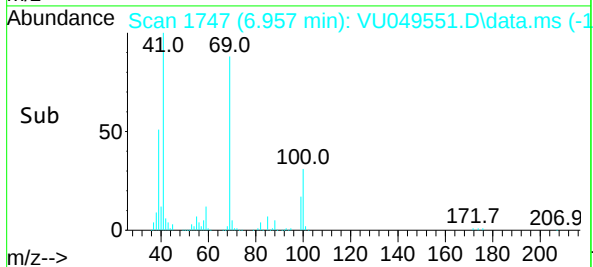
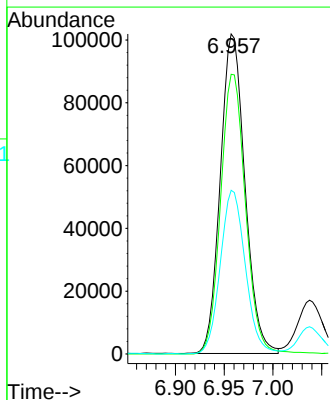
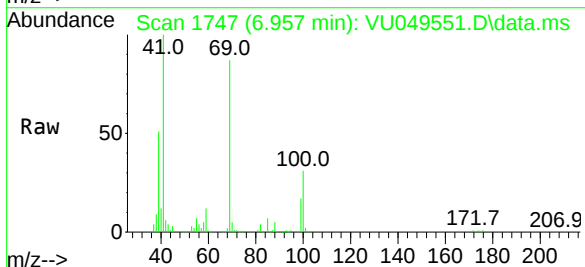
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

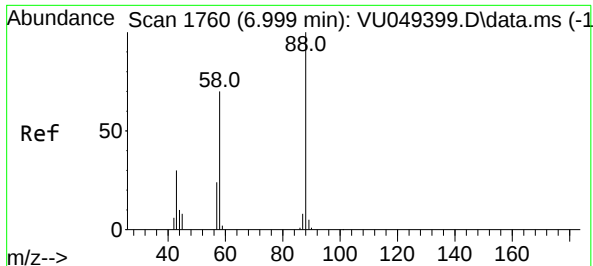
Tgt Ion: 83 Resp: 200177
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.2
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 48.466 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. -0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion: 41 Resp: 179253
Ion Ratio Lower Upper
41 100
69 88.4 79.8 119.6
39 52.1 47.9 71.9





#49

1,4-Dioxane

Concen: 919.051 ug/l

RT: 6.989 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

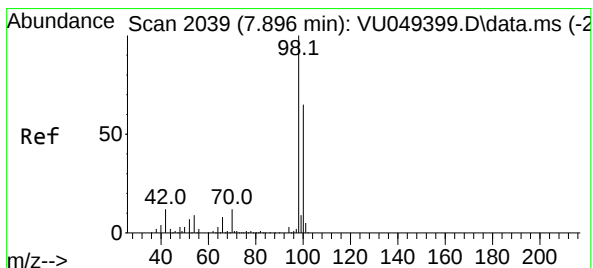
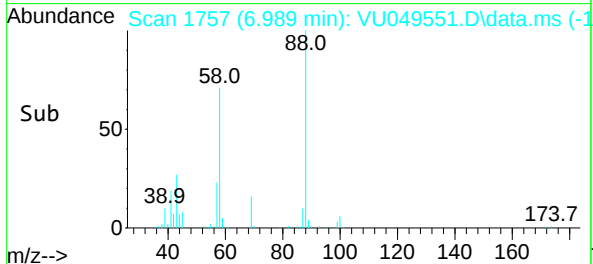
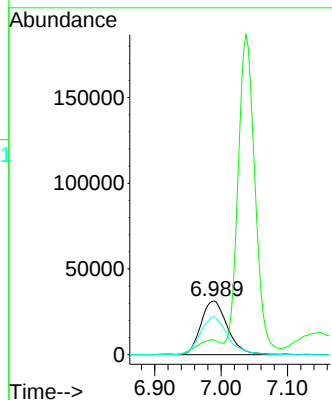
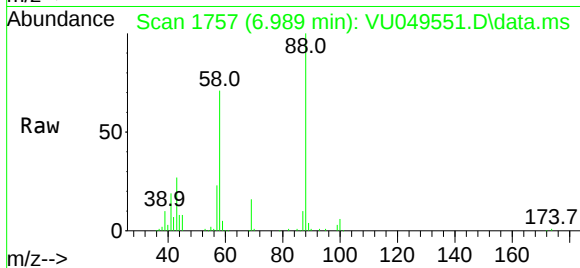
Tgt Ion: 88 Resp: 87084

Ion Ratio Lower Upper

88 100

43 24.6 0.0 0.0#

58 72.7 15.4 23.0#



#50

Toluene-d8

Concen: 48.038 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. -0.000 min

Lab File: VU049551.D

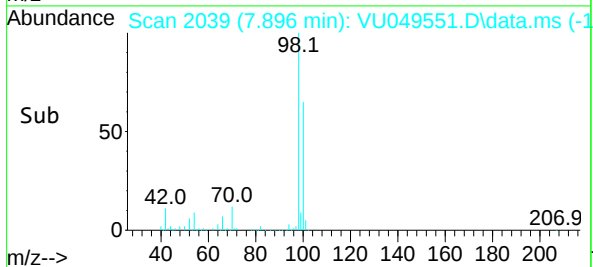
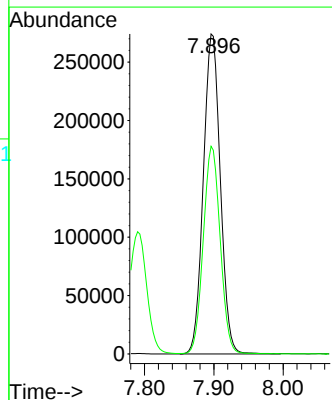
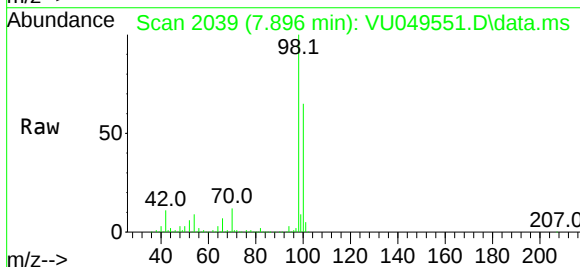
Acq: 30 Jun 2022 07:26

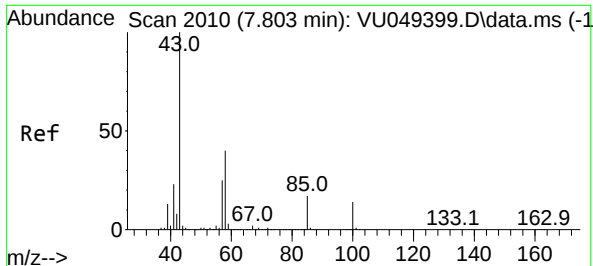
Tgt Ion: 98 Resp: 465757

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 237.551 ug/l

RT: 7.790 min Scan# 2010

Delta R.T. -0.013 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

Instrument :

MSVOA_U

ClientSampleId :

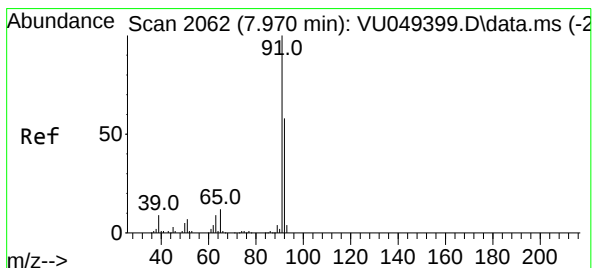
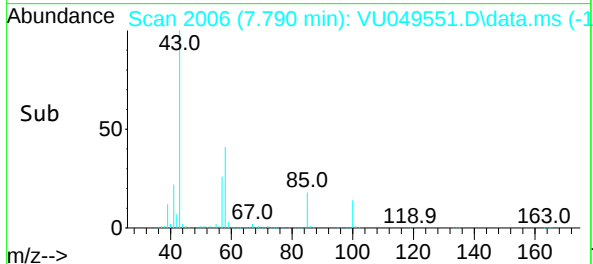
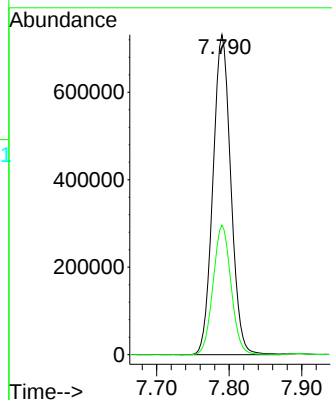
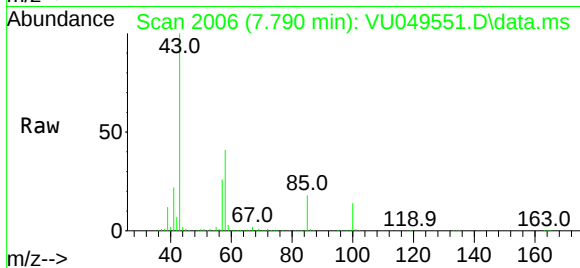
VSTDCCC050EC

Tgt Ion: 43 Resp: 1254687

Ion Ratio Lower Upper

43 100

58 40.7 34.7 52.1



#52

Toluene

Concen: 48.076 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049551.D

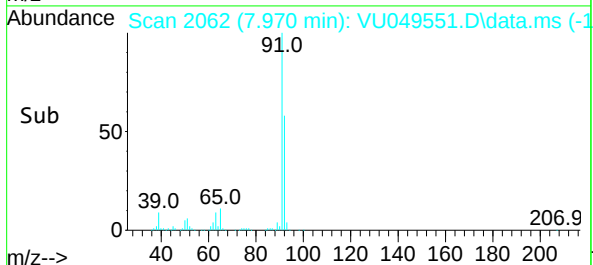
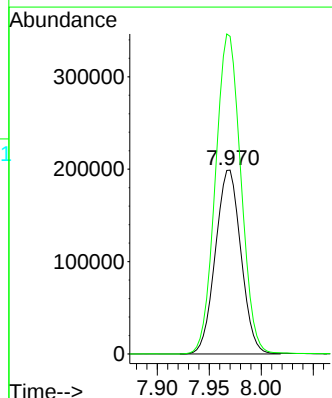
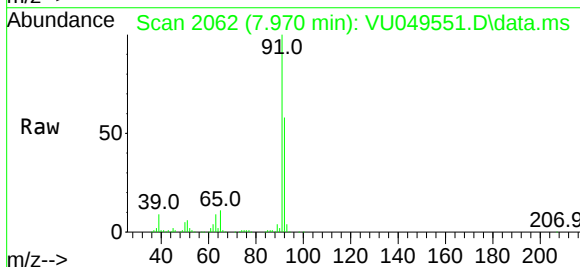
Acq: 30 Jun 2022 07:26

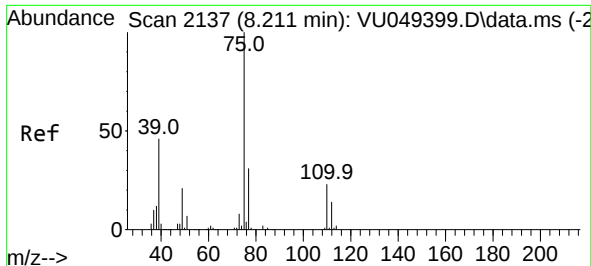
Tgt Ion: 92 Resp: 340042

Ion Ratio Lower Upper

92 100

91 174.4 138.2 207.4

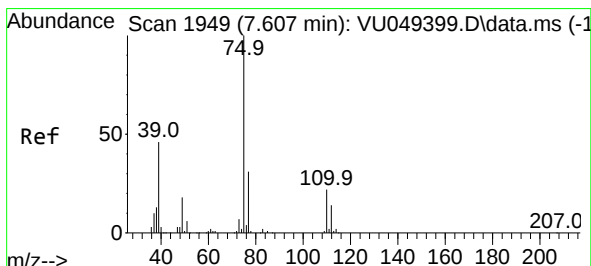
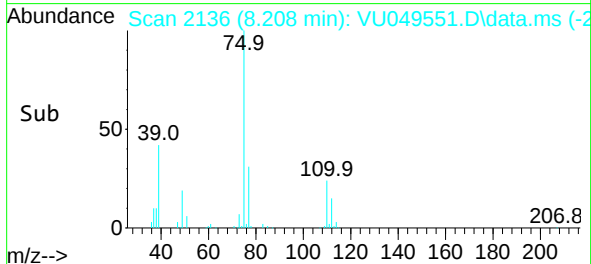
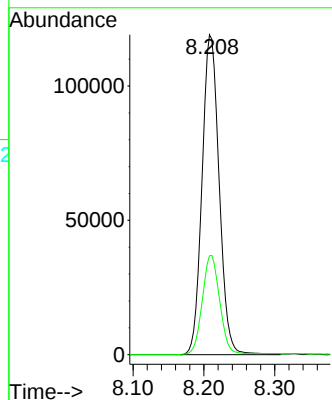
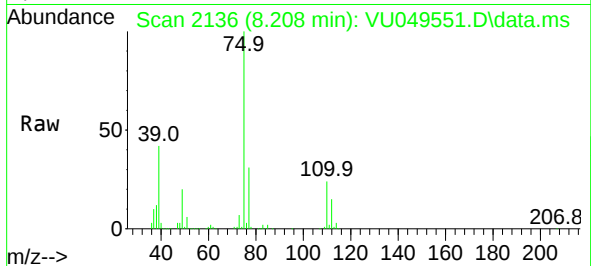




#53
 t-1,3-Dichloropropene
 Concen: 44.021 ug/l
 RT: 8.208 min Scan# 2137
 Delta R.T. -0.003 min
 Lab File: VU049551.D
 Acq: 30 Jun 2022 07:26

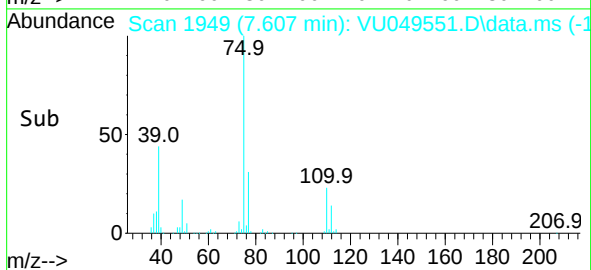
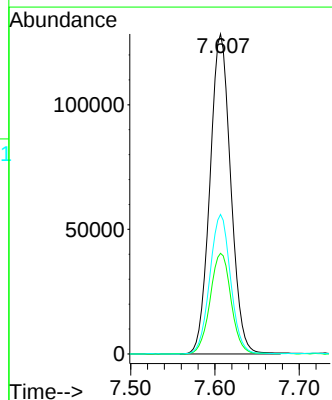
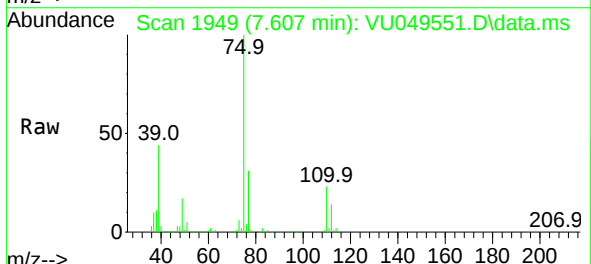
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

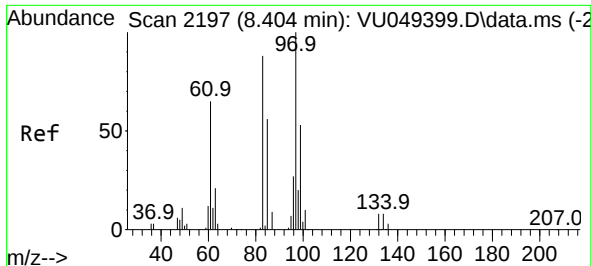
Tgt Ion: 75 Resp: 199807
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 45.441 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VU049551.D
 Acq: 30 Jun 2022 07:26

Tgt Ion: 75 Resp: 220219
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.7 38.5
 39 43.6 33.0 49.6

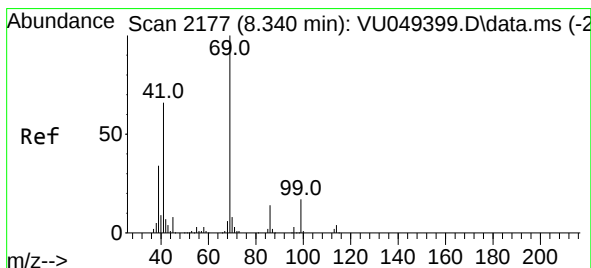
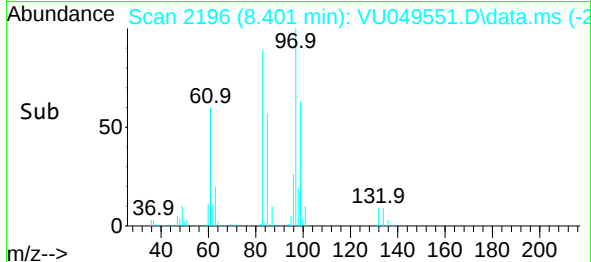
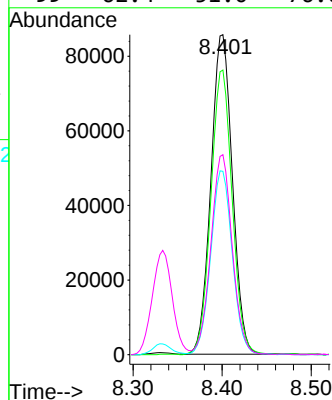
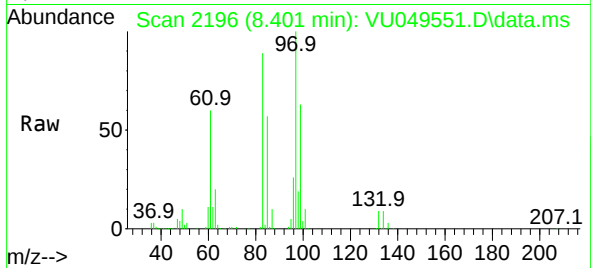




#55
1,1,2-Trichloroethane
Concen: 49.149 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

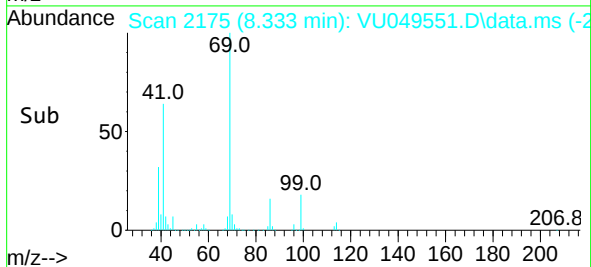
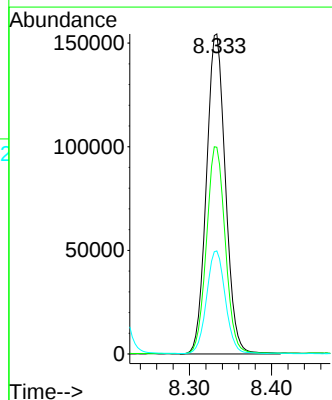
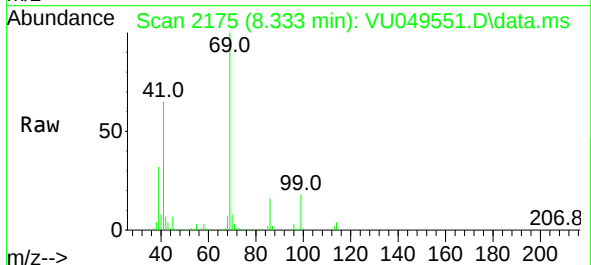
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

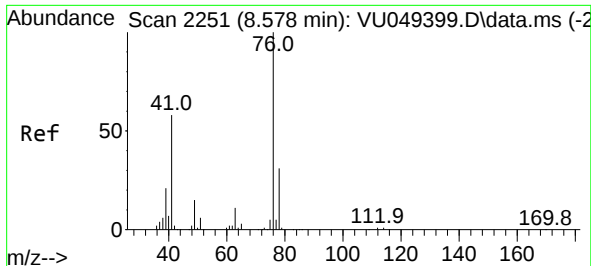
Tgt Ion:	97	Resp:	143728
Ion	Ratio	Lower	Upper
97	100		
83	89.1	70.2	105.4
85	57.2	44.6	66.8
99	62.4	51.0	76.6



#56
Ethyl methacrylate
Concen: 50.762 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.006 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion:	69	Resp:	248281
Ion	Ratio	Lower	Upper
69	100		
41	63.9	45.4	68.0
39	31.7	25.7	38.5





#57

1,3-Dichloropropane

Concen: 48.060 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

Instrument :

MSVOA_U

ClientSampleId :

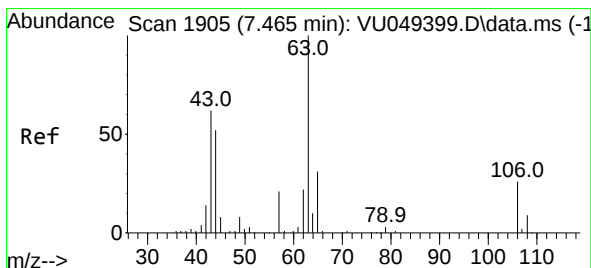
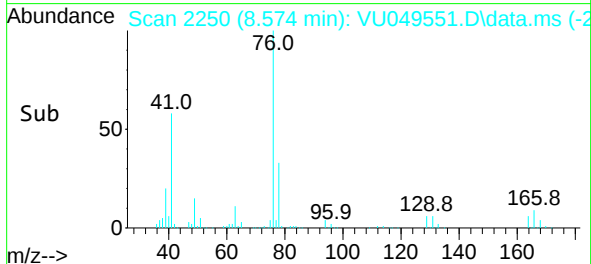
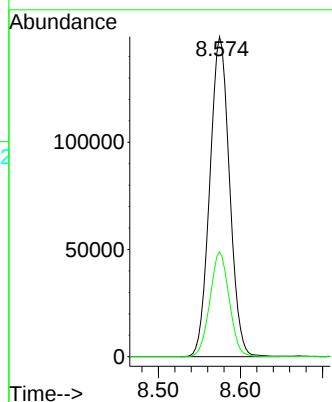
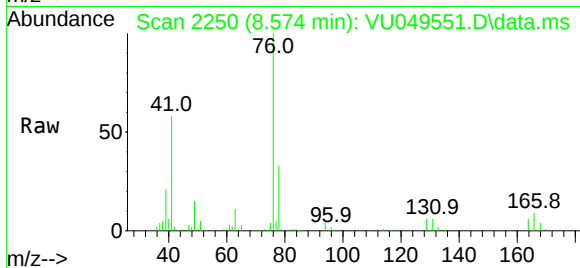
VSTDCCC050EC

Tgt Ion: 76 Resp: 249313

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 471.345 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VU049551.D

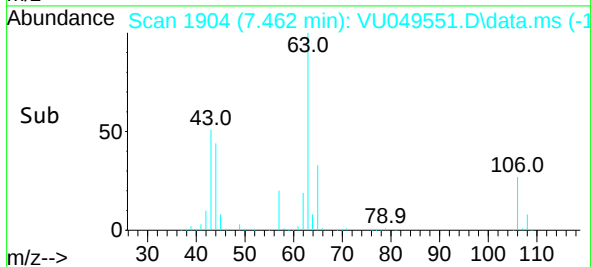
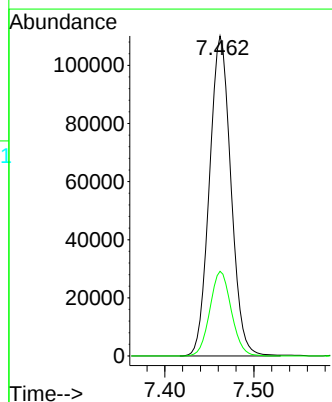
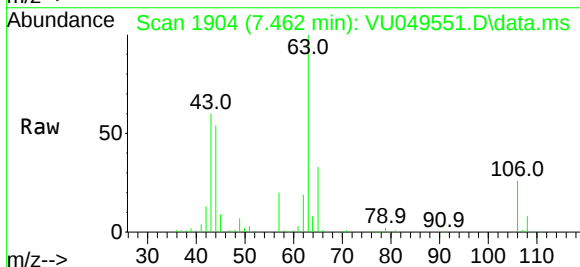
Acq: 30 Jun 2022 07:26

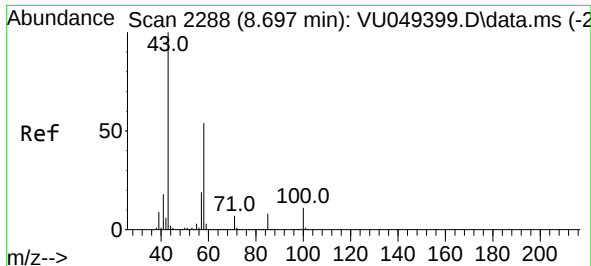
Tgt Ion: 63 Resp: 184399

Ion Ratio Lower Upper

63 100

106 26.3 23.1 34.7





#59

2-Hexanone

Concen: 231.624 ug/l

RT: 8.684 min Scan# 21

Delta R.T. -0.013 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

Instrument :

MSVOA_U

ClientSampleId :

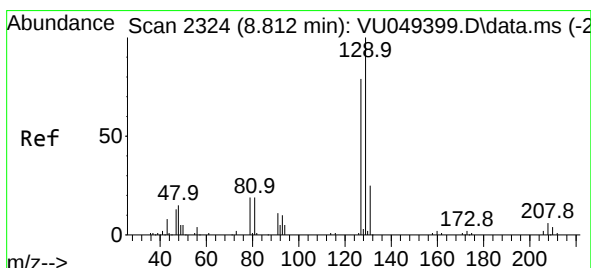
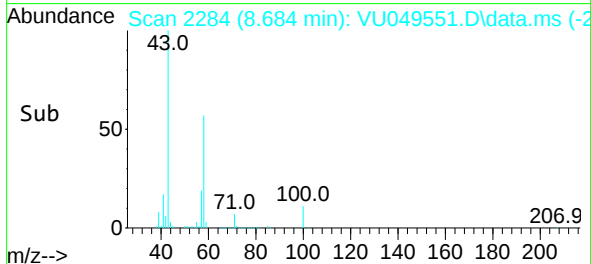
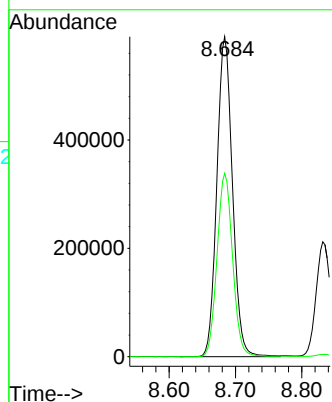
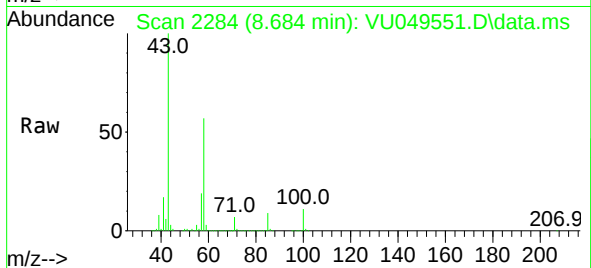
VSTDCCC050EC

Tgt Ion: 43 Resp: 962052

Ion Ratio Lower Upper

43 100

58 57.3 30.3 90.8



#60

Dibromochloromethane

Concen: 48.977 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. -0.003 min

Lab File: VU049551.D

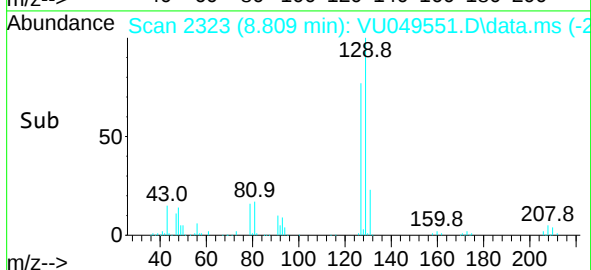
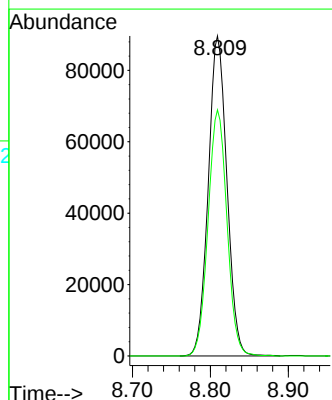
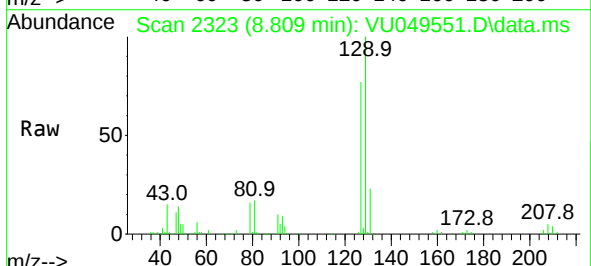
Acq: 30 Jun 2022 07:26

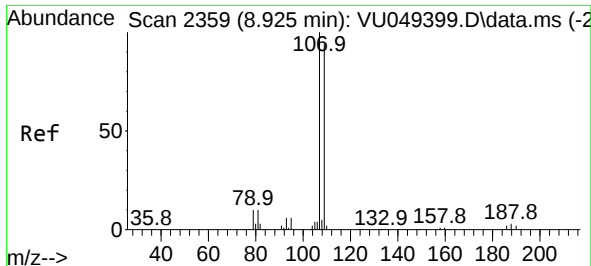
Tgt Ion: 129 Resp: 148940

Ion Ratio Lower Upper

129 100

127 77.9 38.6 116.0

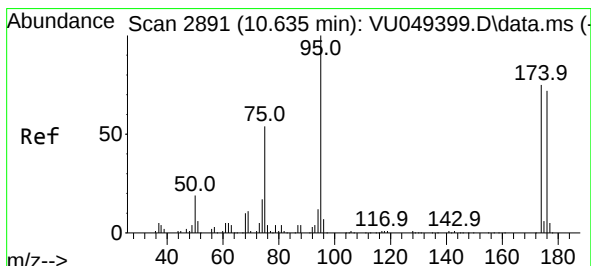
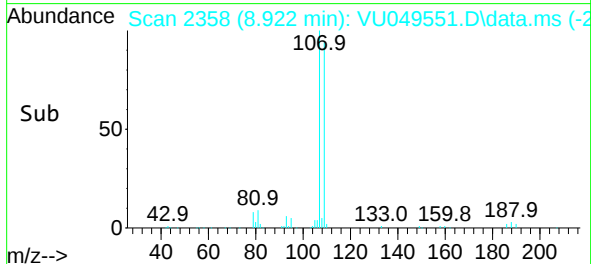
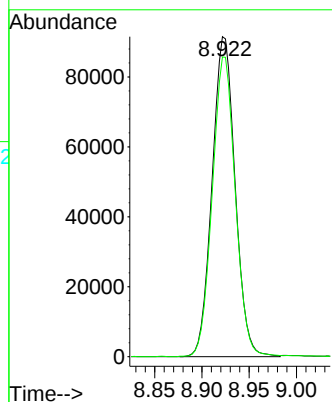
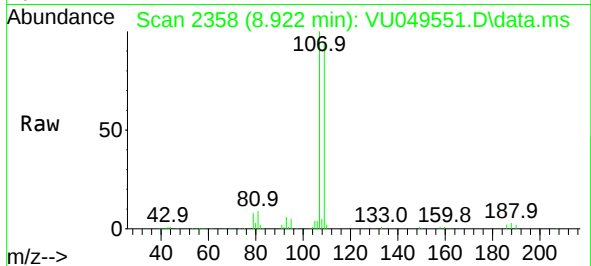




#61
1,2-Dibromoethane
Concen: 48.507 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

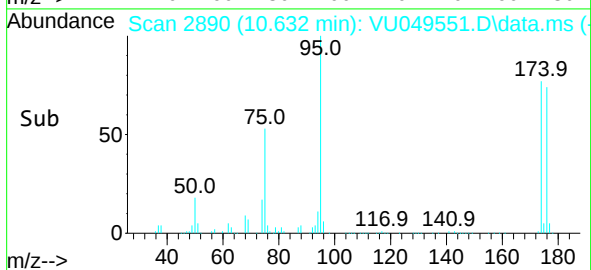
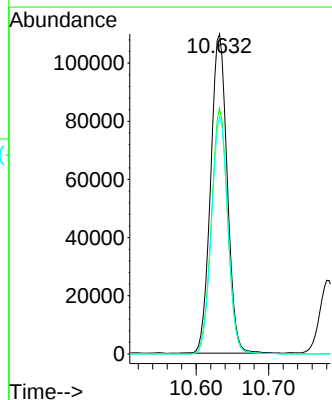
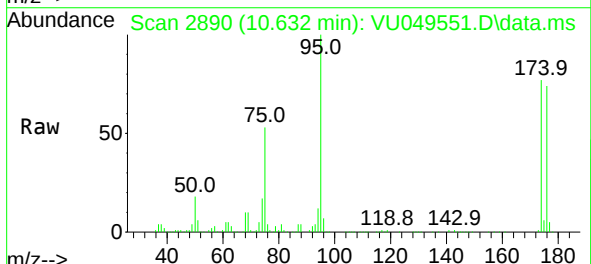
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

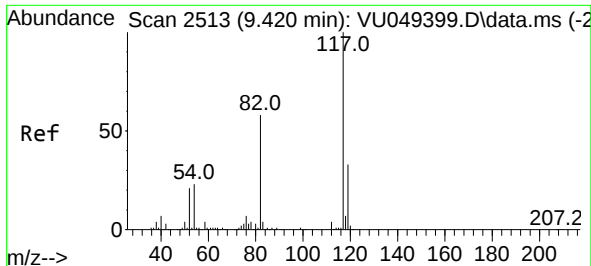
Tgt Ion:107 Resp: 154586
Ion Ratio Lower Upper
107 100
109 94.2 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 46.848 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion: 95 Resp: 173997
Ion Ratio Lower Upper
95 100
174 75.7 0.0 182.0
176 74.0 0.0 177.8

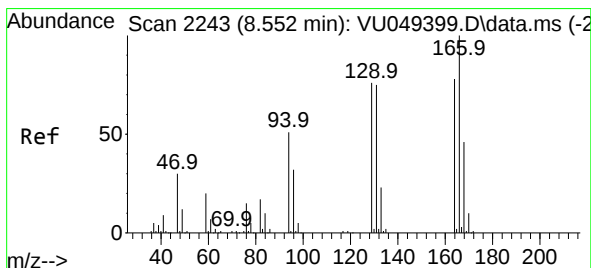
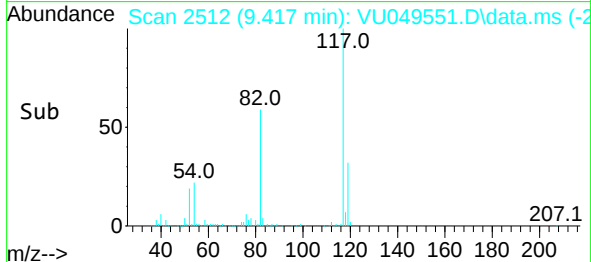
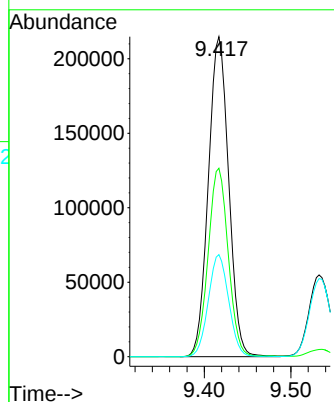
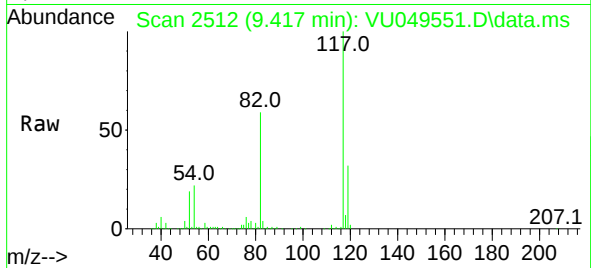




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

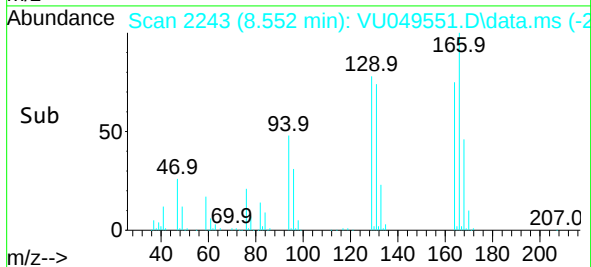
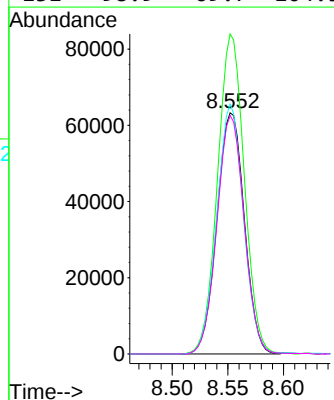
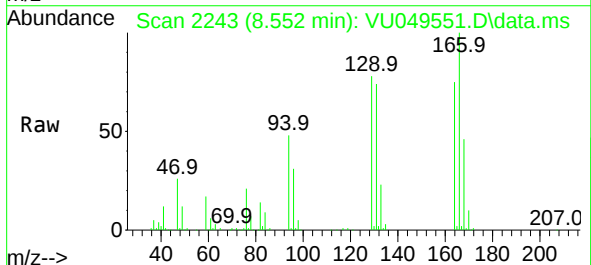
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

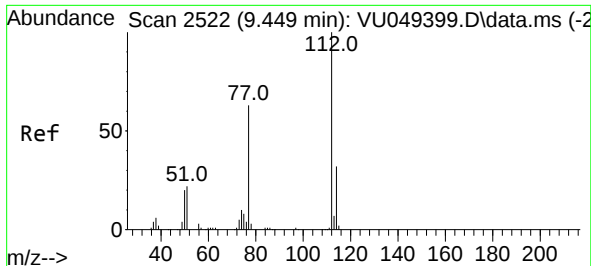
Tgt Ion:117 Resp: 350183
Ion Ratio Lower Upper
117 100
82 58.9 41.7 62.5
119 31.9 25.7 38.5



#64
Tetrachloroethene
Concen: 48.356 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion:164 Resp: 108611
Ion Ratio Lower Upper
164 100
166 132.7 100.0 150.0
129 103.7 72.0 108.0
131 98.9 69.7 104.5

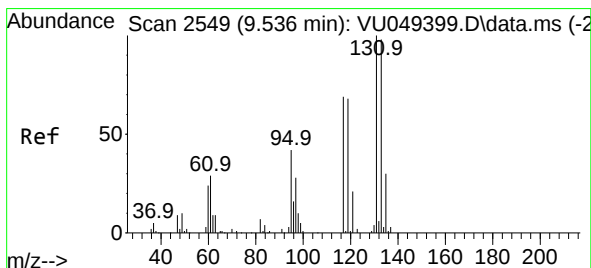
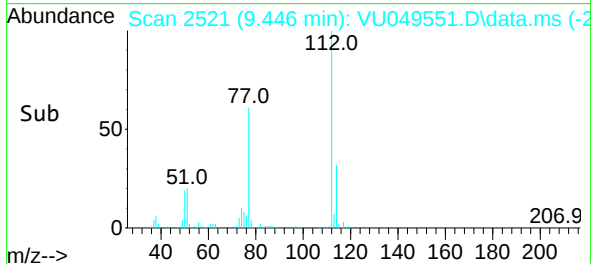
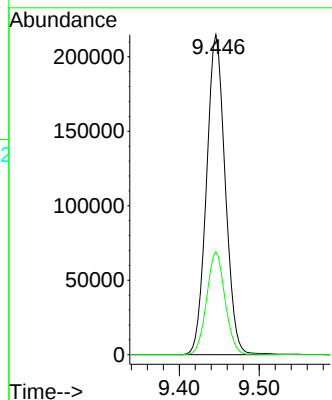
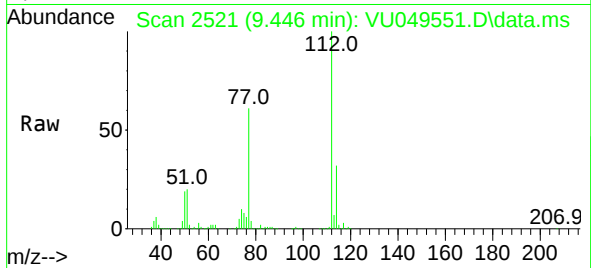




#65
Chlorobenzene
Concen: 48.867 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

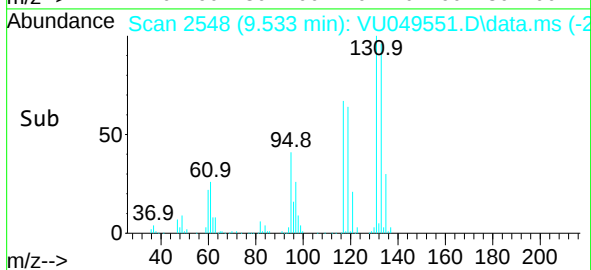
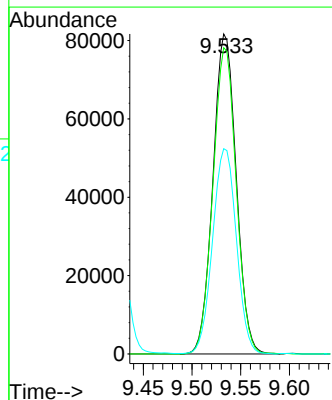
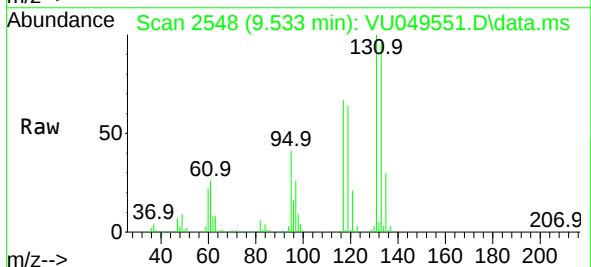
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

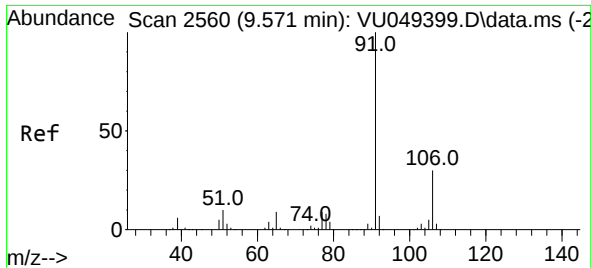
Tgt Ion:112 Resp: 349842
Ion Ratio Lower Upper
112 100
114 32.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.244 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion:131 Resp: 135693
Ion Ratio Lower Upper
131 100
133 95.7 48.4 145.0
119 65.7 33.9 101.6





#67

Ethyl Benzene

Concen: 48.781 ug/l

RT: 9.568 min Scan# 2559

Delta R.T. -0.003 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

Instrument :

MSVOA_U

ClientSampleId :

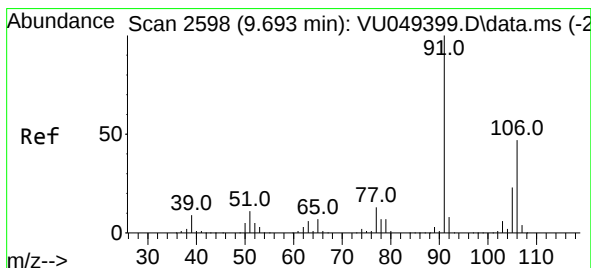
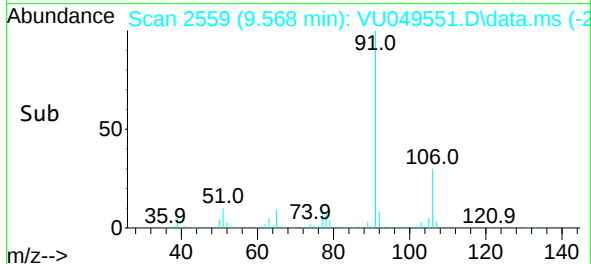
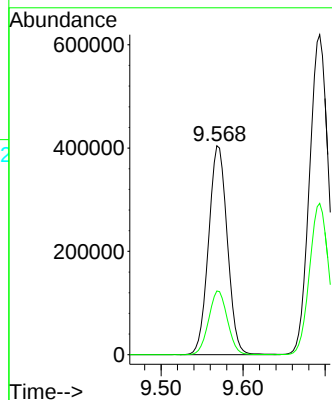
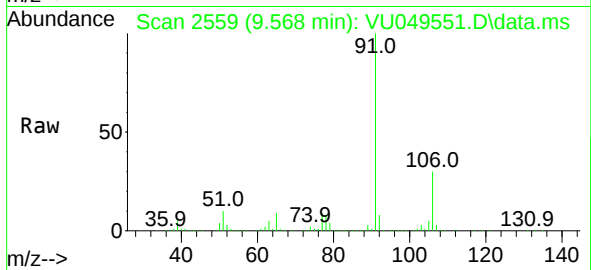
VSTDCCC050EC

Tgt Ion: 91 Resp: 641130

Ion Ratio Lower Upper

91 100

106 30.5 25.6 38.4



#68

m/p-Xylenes

Concen: 98.744 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU049551.D

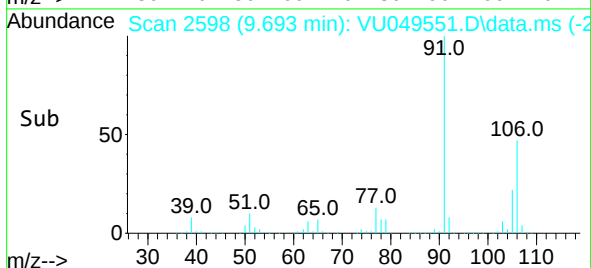
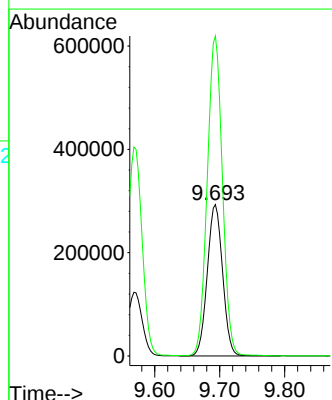
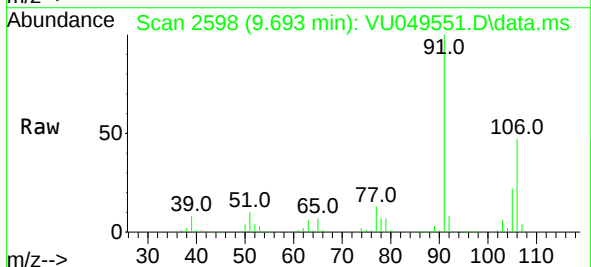
Acq: 30 Jun 2022 07:26

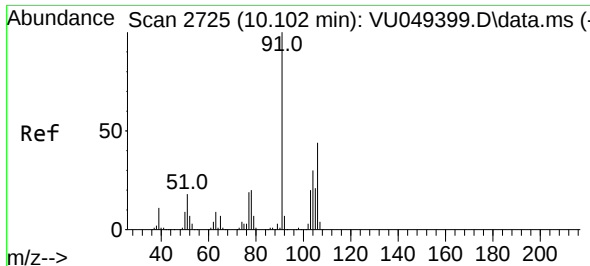
Tgt Ion:106 Resp: 480185

Ion Ratio Lower Upper

106 100

91 209.8 157.2 235.8

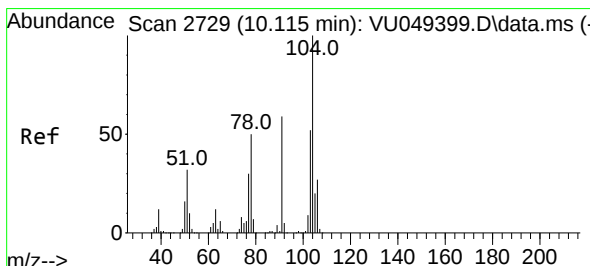
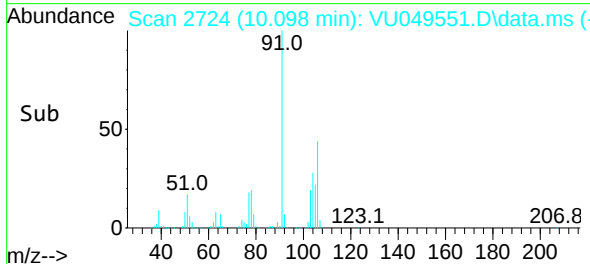
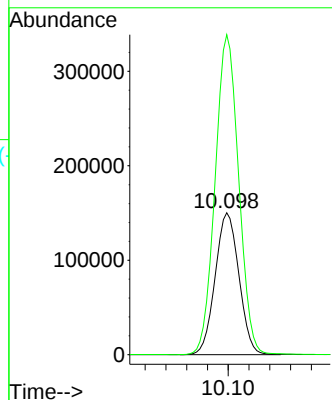
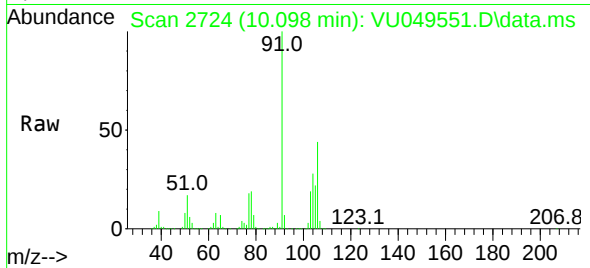




#69
o-Xylene
Concen: 49.437 ug/l
RT: 10.098 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

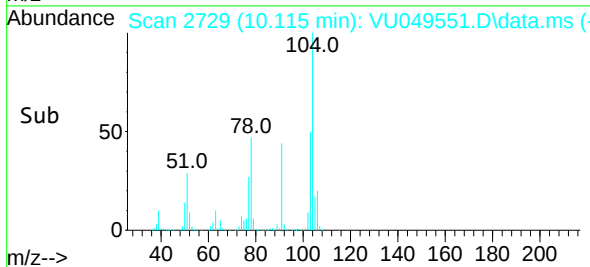
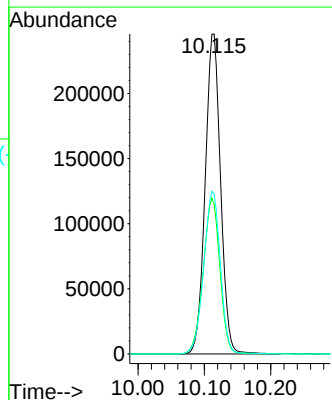
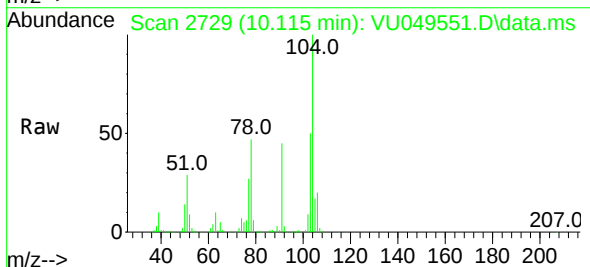
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

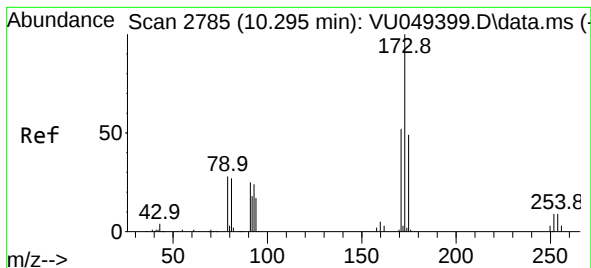
Tgt Ion:106 Resp: 238666
Ion Ratio Lower Upper
106 100
91 223.6 103.5 310.5



#70
Styrene
Concen: 51.043 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion:104 Resp: 395941
Ion Ratio Lower Upper
104 100
78 52.7 38.0 57.0
103 55.0 43.9 65.9





#71

Bromoform

Concen: 49.810 ug/l

RT: 10.291 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

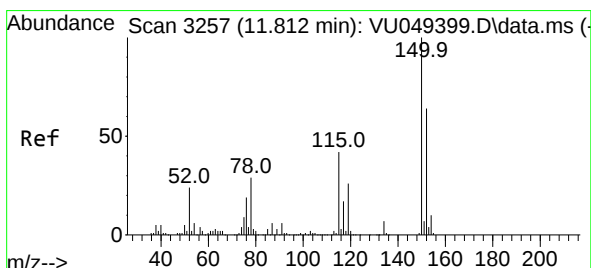
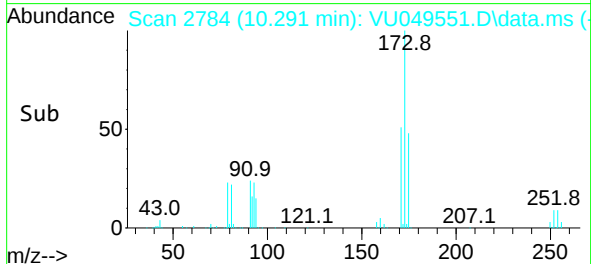
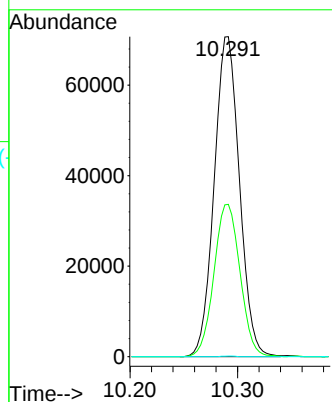
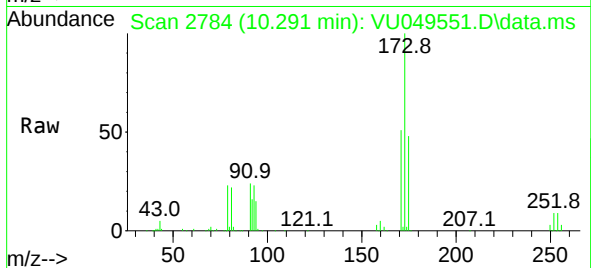
Tgt Ion:173 Resp: 115372

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.2

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. -0.000 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

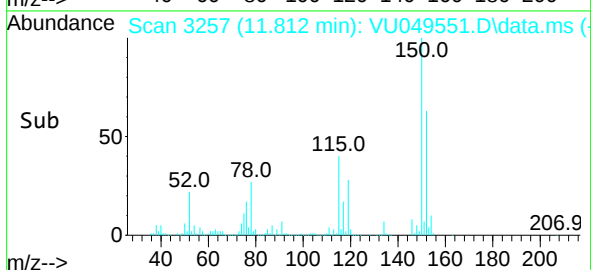
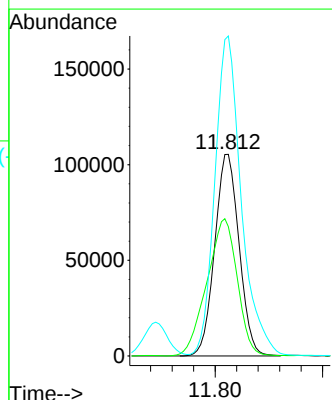
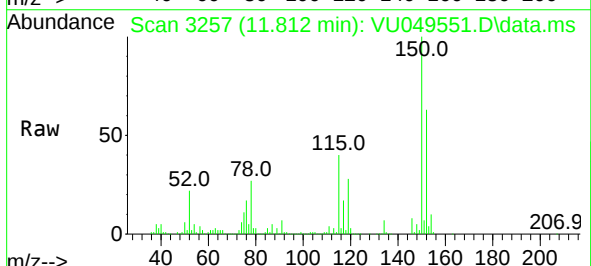
Tgt Ion:152 Resp: 166089

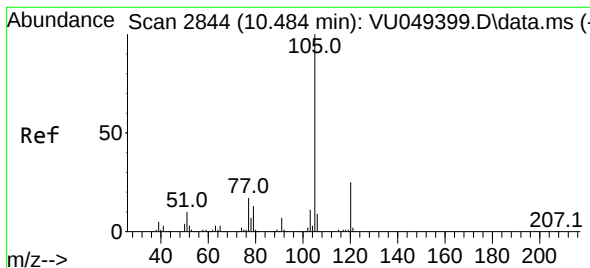
Ion Ratio Lower Upper

152 100

115 84.6 37.0 110.9

150 171.8 0.0 342.2





#73

Isopropylbenzene

Concen: 52.024 ug/l

RT: 10.481 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

Instrument :

MSVOA_U

ClientSampleId :

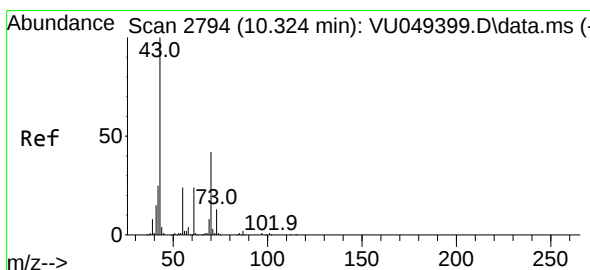
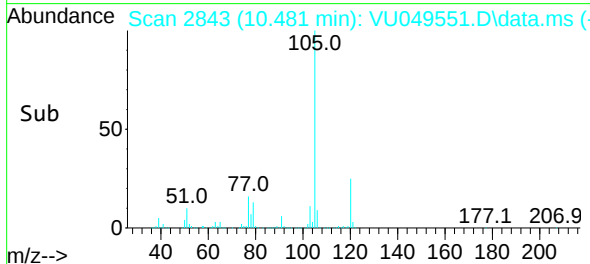
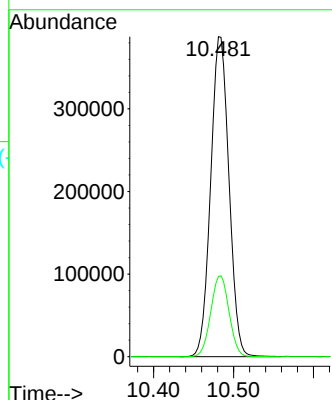
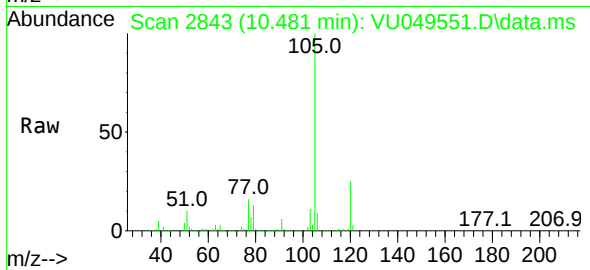
VSTDCCC050EC

Tgt Ion:105 Resp: 615526

Ion Ratio Lower Upper

105 100

120 25.3 13.8 41.4



#74

N-amy1 acetate

Concen: 50.592 ug/l

RT: 10.317 min Scan# 2792

Delta R.T. -0.006 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

Tgt Ion: 43 Resp: 316805

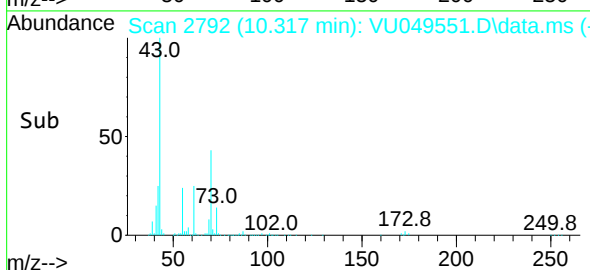
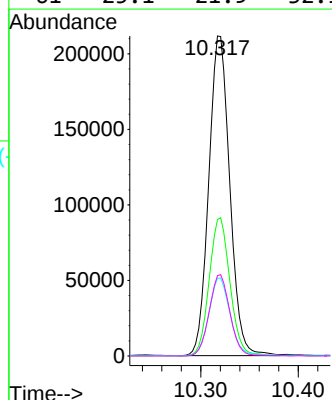
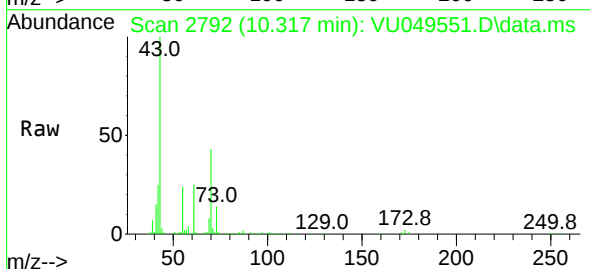
Ion Ratio Lower Upper

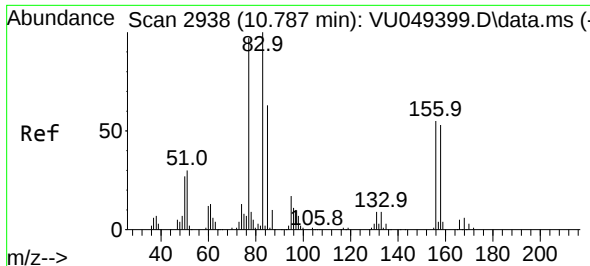
43 100

70 43.0 38.7 58.1

55 24.5 21.8 32.8

61 25.1 21.9 32.9

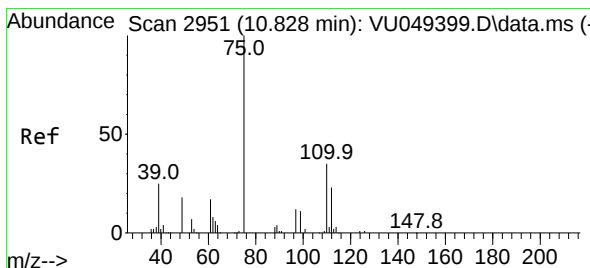
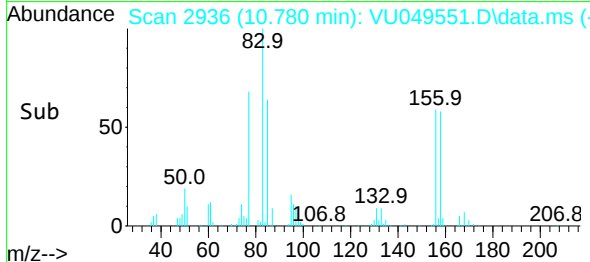
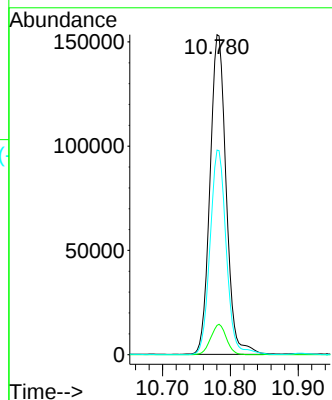
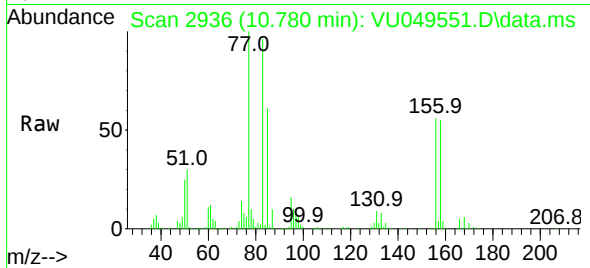




#75
1,1,2,2-Tetrachloroethane
Concen: 50.548 ug/l
RT: 10.780 min Scan# 2938
Delta R.T. -0.006 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

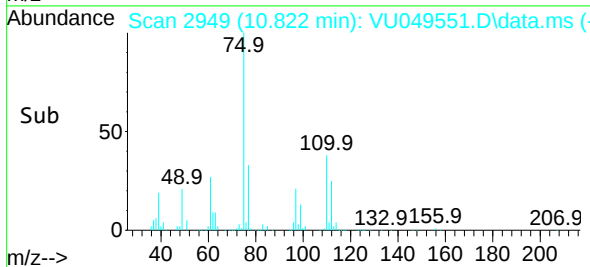
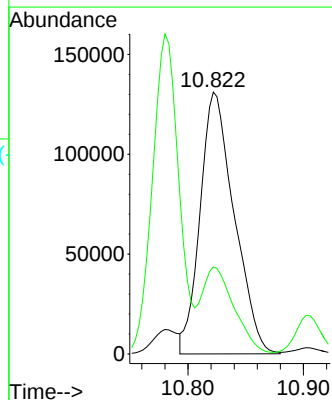
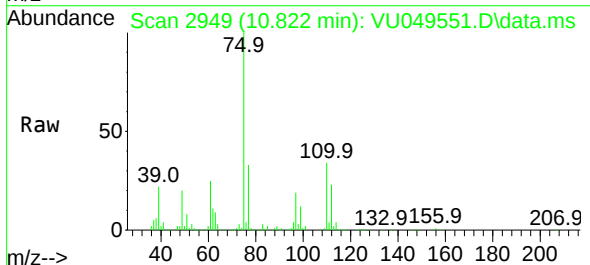
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

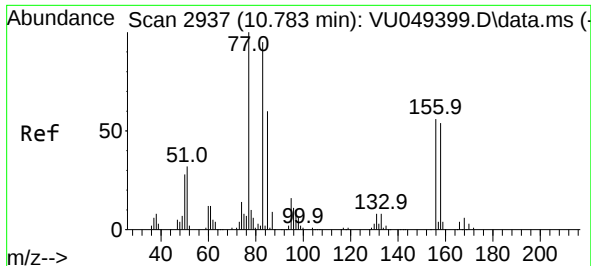
Tgt Ion: 83 Resp: 253336
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.4
85 64.5 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 47.719 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.006 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion: 75 Resp: 268668
Ion Ratio Lower Upper
75 100
77 31.3 15.8 47.3

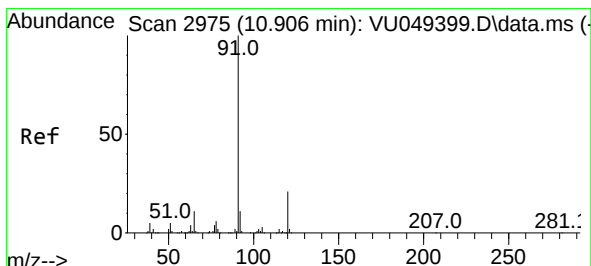
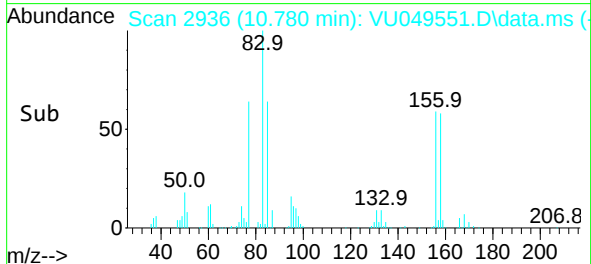
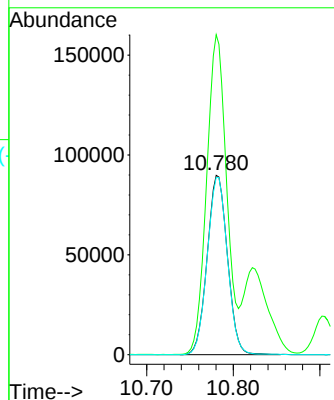
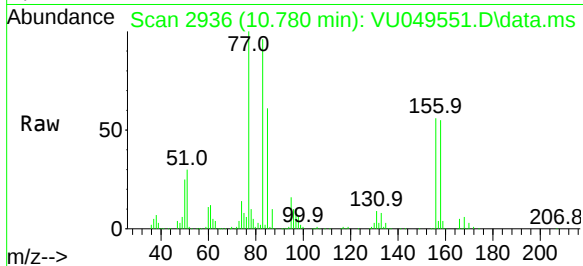




#77
Bromobenzene
Concen: 50.513 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

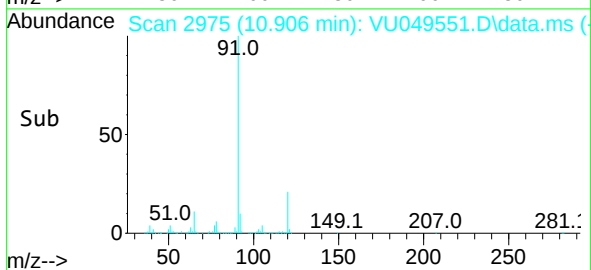
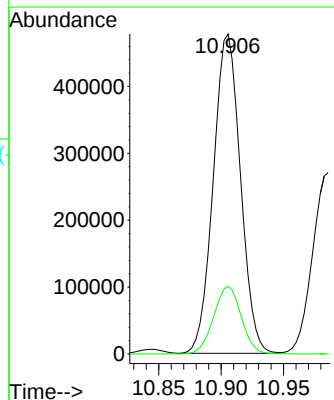
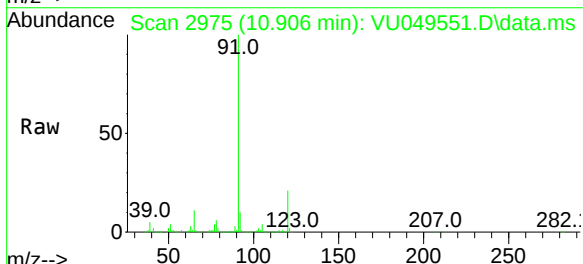
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

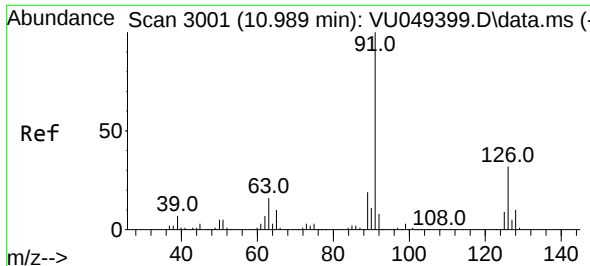
Tgt Ion:156 Resp: 145882
Ion Ratio Lower Upper
156 100
77 175.4 71.9 215.6
158 98.7 48.9 146.8



#78
n-propylbenzene
Concen: 50.360 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion: 91 Resp: 724004
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.5

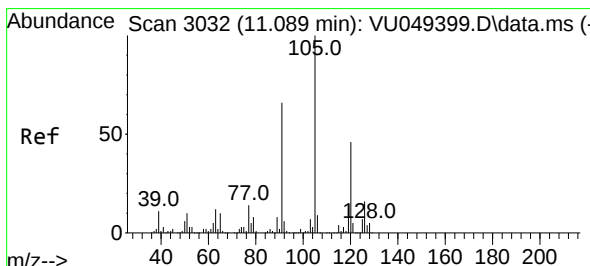
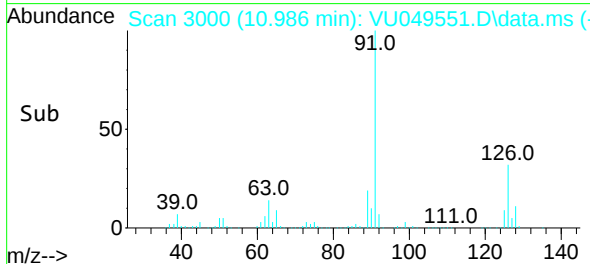
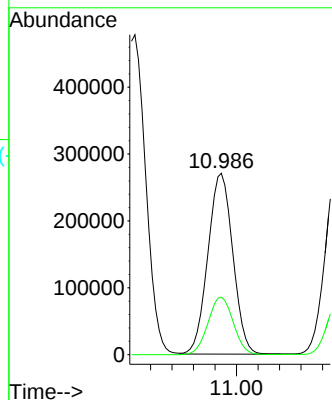
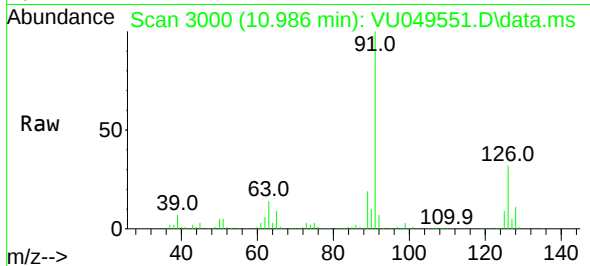




#79
2-Chlorotoluene
Concen: 49.194 ug/l
RT: 10.986 min Scan# 3001
Delta R.T. -0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

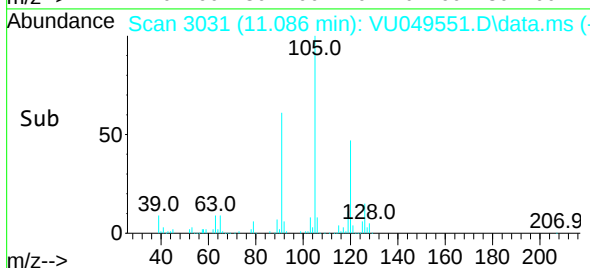
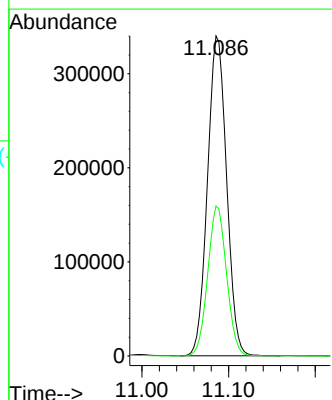
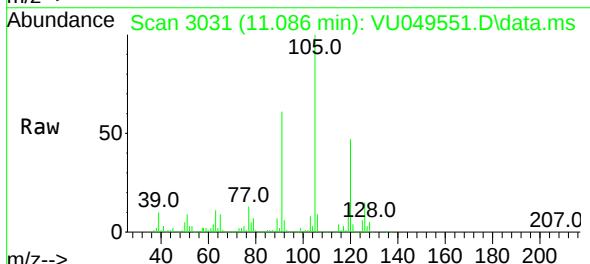
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

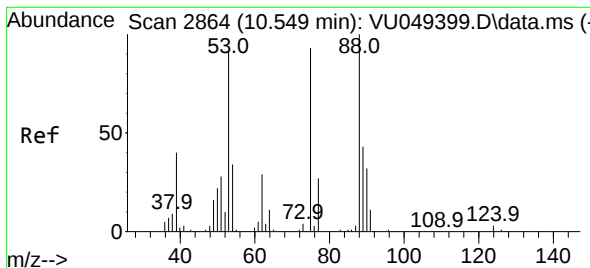
Tgt Ion: 91 Resp: 435731
Ion Ratio Lower Upper
91 100
126 32.3 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 50.377 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion: 105 Resp: 520345
Ion Ratio Lower Upper
105 100
120 46.2 25.3 75.9

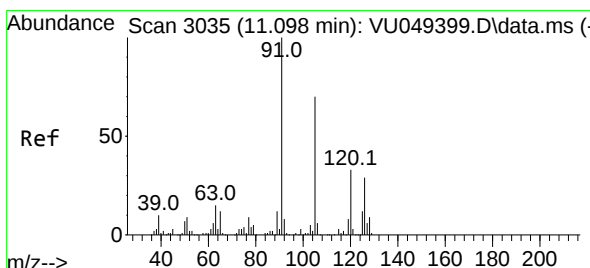
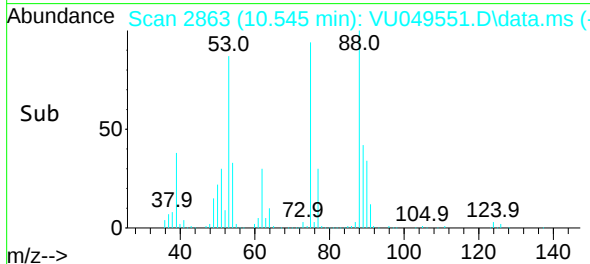
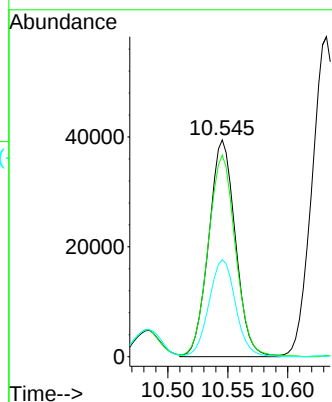
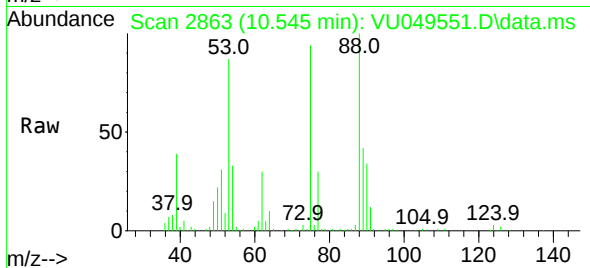




#81
trans-1,4-Dichloro-2-butene
Concen: 40.022 ug/l
RT: 10.545 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

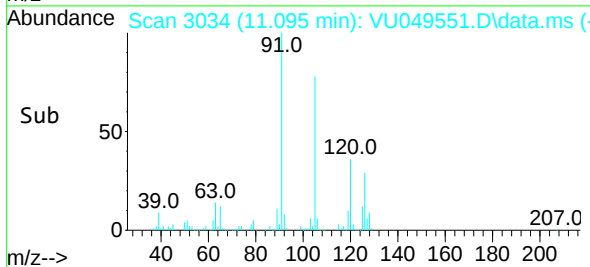
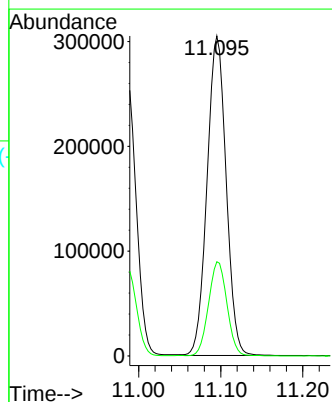
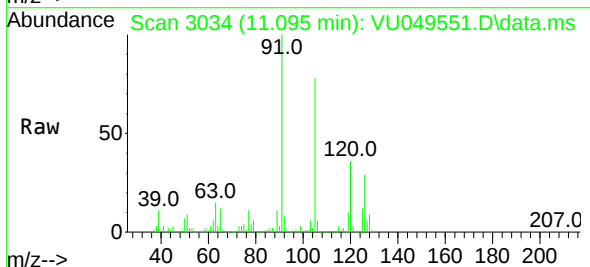
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

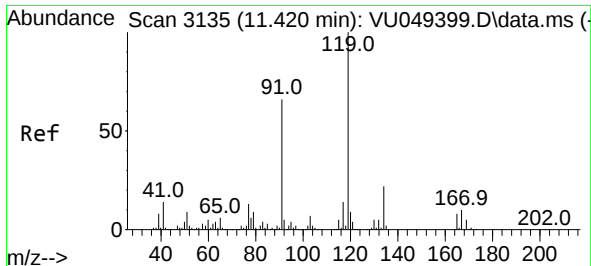
Tgt Ion: 75 Resp: 61018
Ion Ratio Lower Upper
75 100
53 95.5 69.2 103.8
89 44.6 37.0 55.6



#82
4-Chlorotoluene
Concen: 49.415 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion: 91 Resp: 492273
Ion Ratio Lower Upper
91 100
126 28.6 16.1 48.2





#83

tert-Butylbenzene

Concen: 49.333 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. -0.000 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

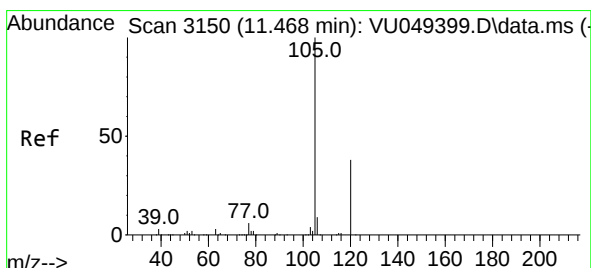
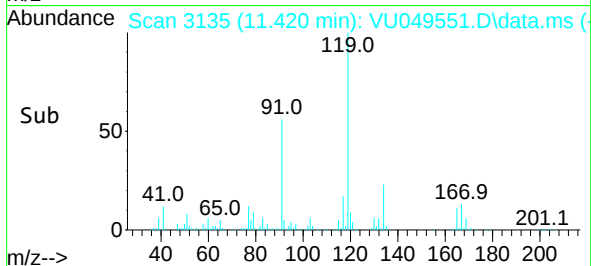
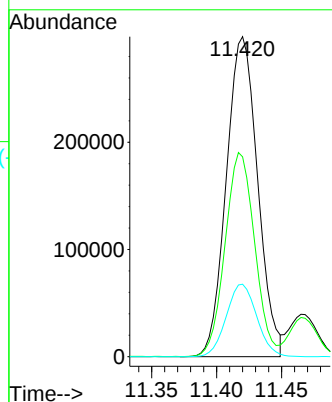
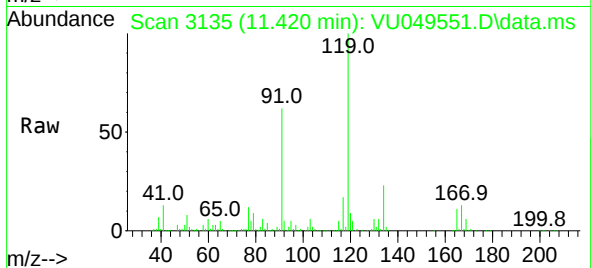
Tgt Ion:119 Resp: 501195

Ion Ratio Lower Upper

119 100

91 59.8 26.8 80.3

134 22.1 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 51.018 ug/l

RT: 11.465 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VU049551.D

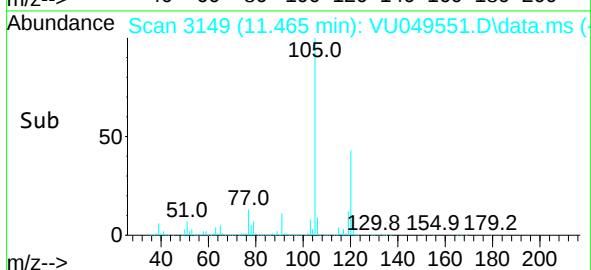
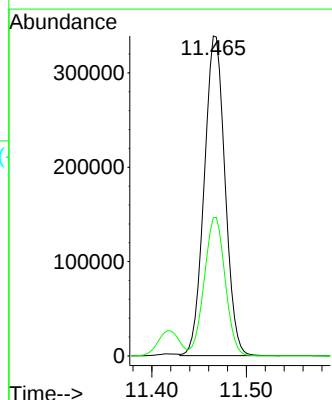
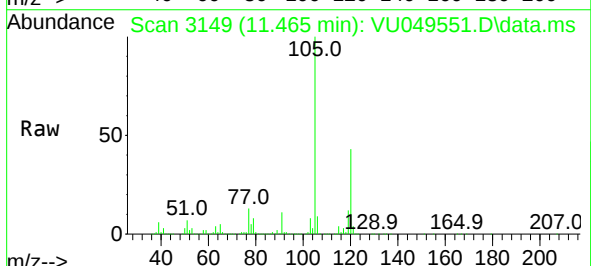
Acq: 30 Jun 2022 07:26

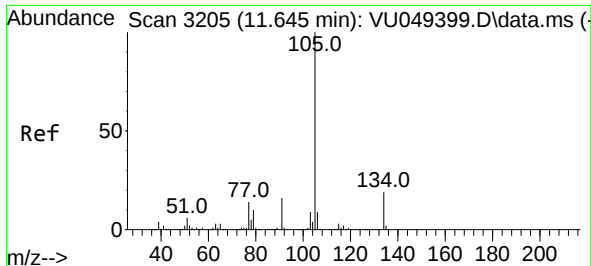
Tgt Ion:105 Resp: 517693

Ion Ratio Lower Upper

105 100

120 43.4 23.4 70.3

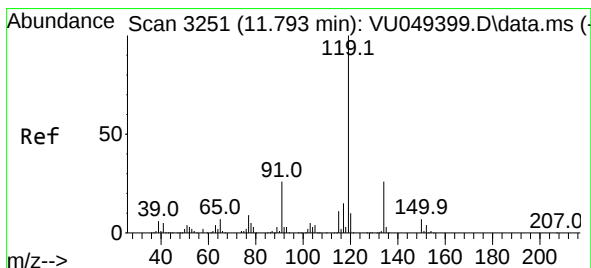
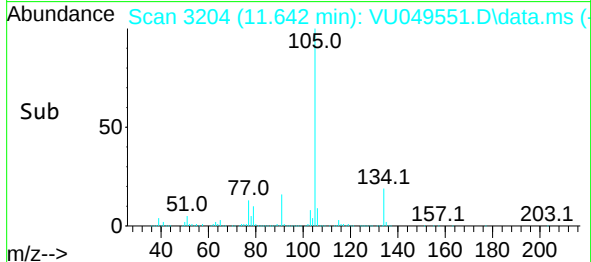
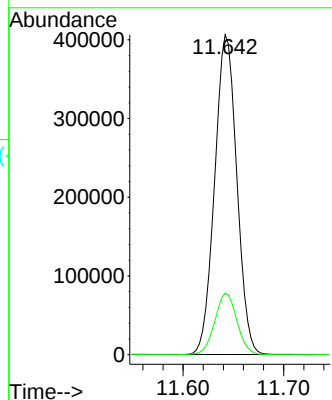
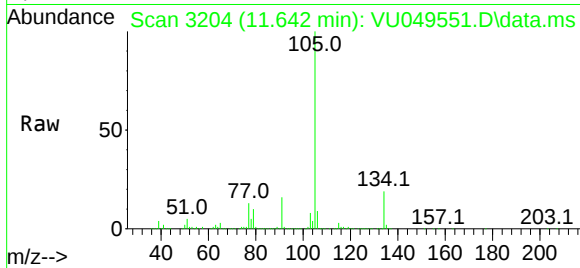




#85
 sec-Butylbenzene
 Concen: 48.641 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049551.D
 Acq: 30 Jun 2022 07:26

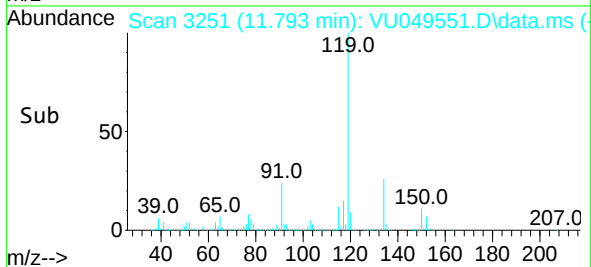
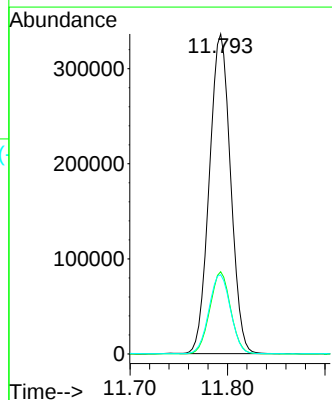
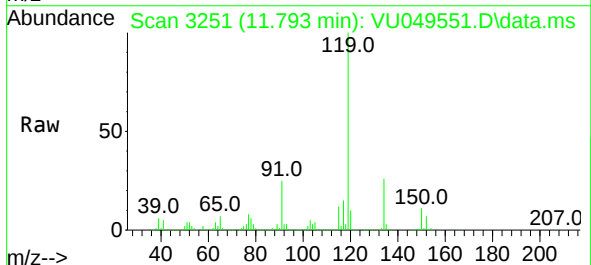
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

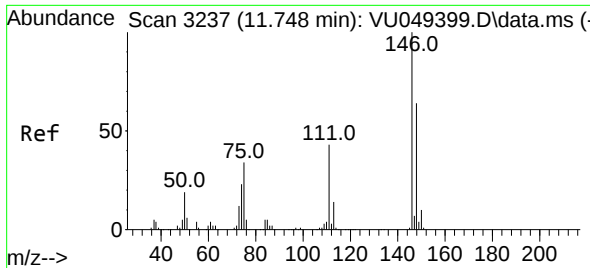
Tgt Ion:105 Resp: 621307
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 49.257 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU049551.D
 Acq: 30 Jun 2022 07:26

Tgt Ion:119 Resp: 508815
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.5 40.4
 91 25.2 11.2 33.5

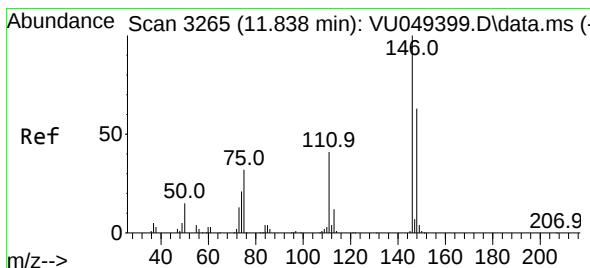
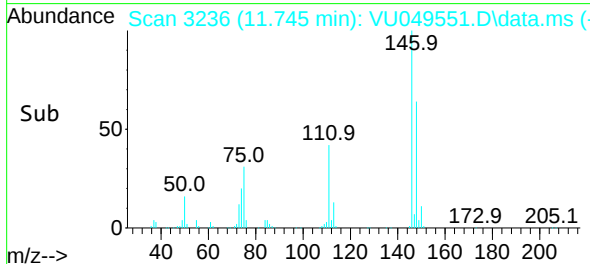
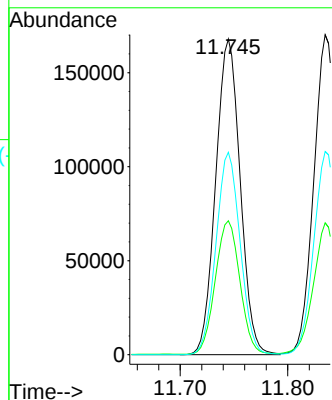
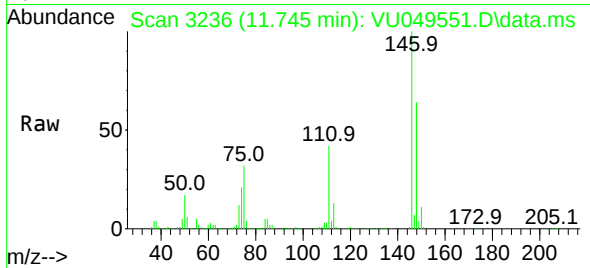




#87
1,3-Dichlorobenzene
Concen: 48.116 ug/l
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

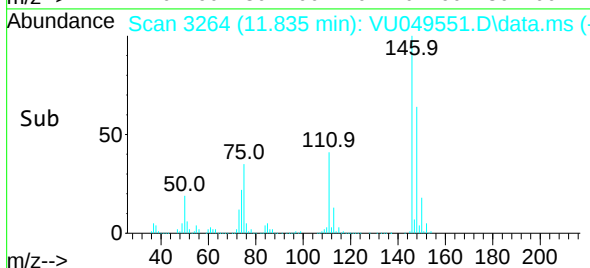
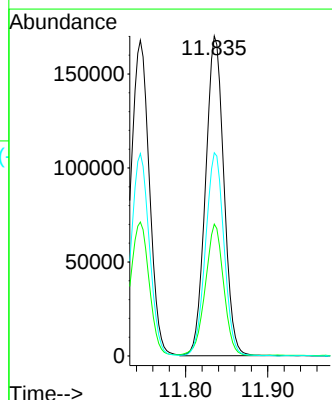
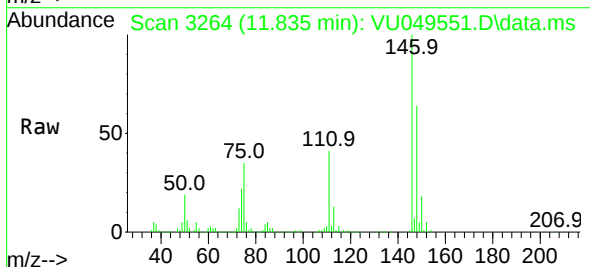
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

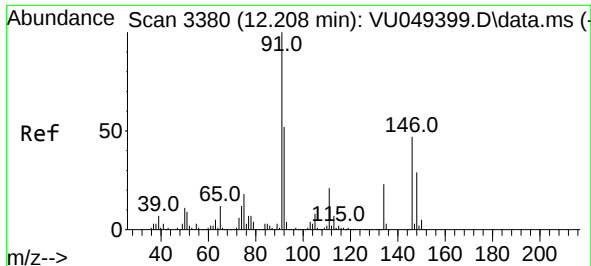
Tgt Ion:146 Resp: 265661
Ion Ratio Lower Upper
146 100
111 42.4 18.9 56.5
148 63.3 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 47.563 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion:146 Resp: 263951
Ion Ratio Lower Upper
146 100
111 41.0 18.5 55.5
148 63.8 31.9 95.7

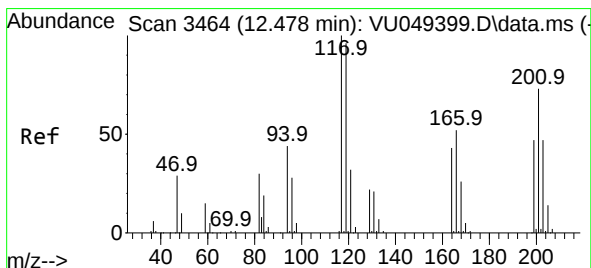
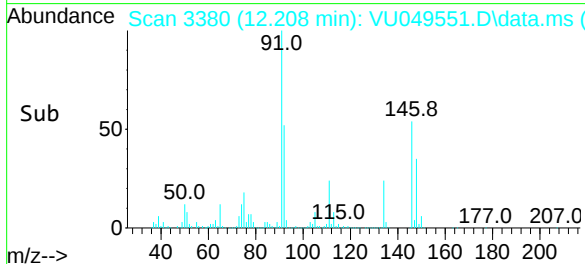
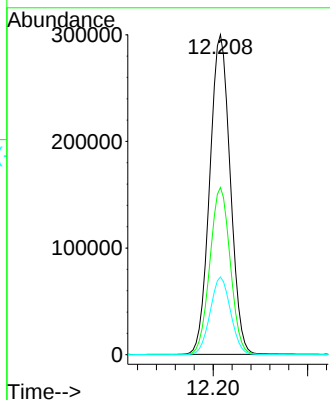
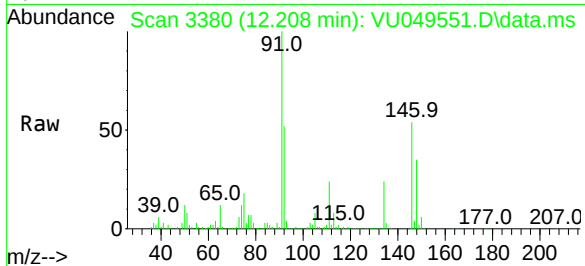




#89
n-Butylbenzene
Concen: 47.150 ug/l
RT: 12.208 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

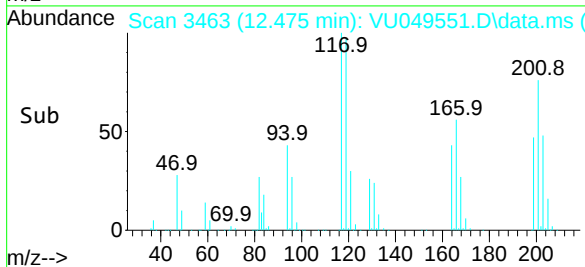
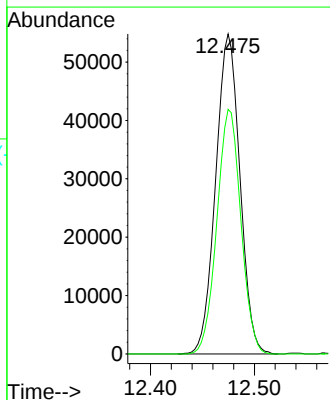
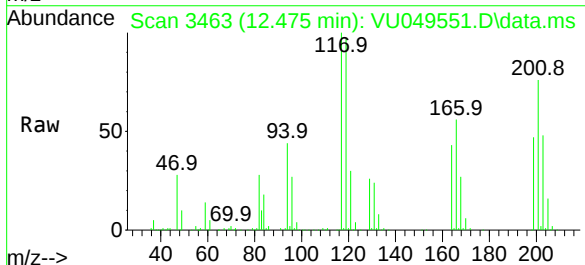
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

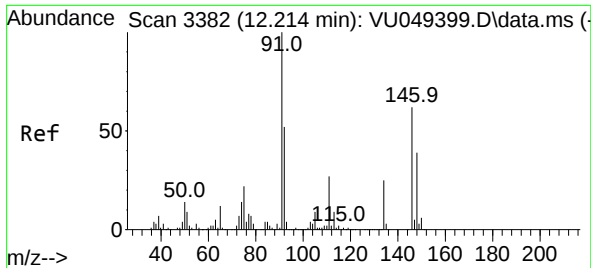
Tgt Ion: 91 Resp: 450852
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.6
134 24.3 13.5 40.4



#90
Hexachloroethane
Concen: 43.195 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion: 117 Resp: 88873
Ion Ratio Lower Upper
117 100
201 75.6 44.6 134.0

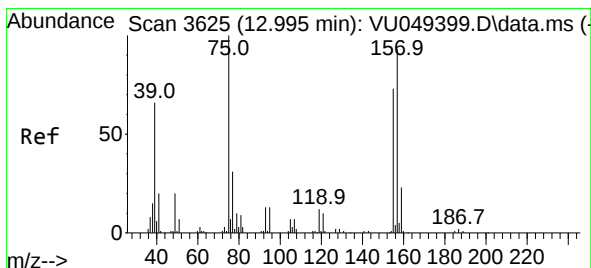
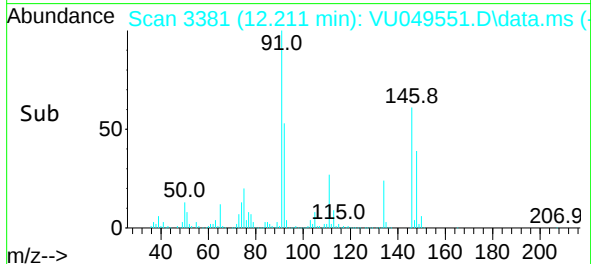
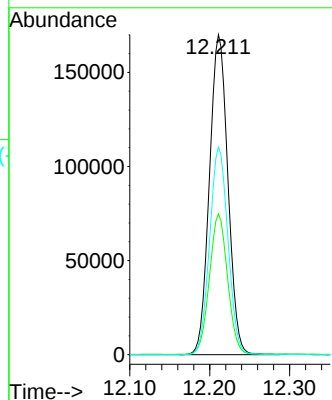
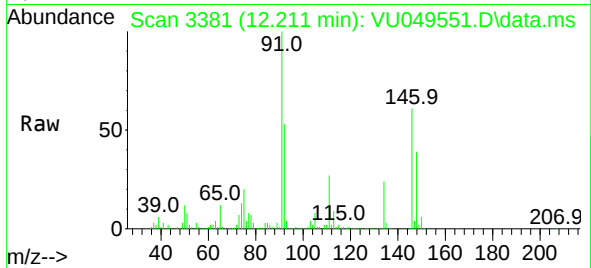




#91
1,2-Dichlorobenzene
Concen: 49.172 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

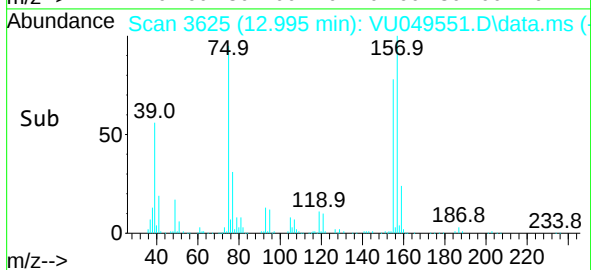
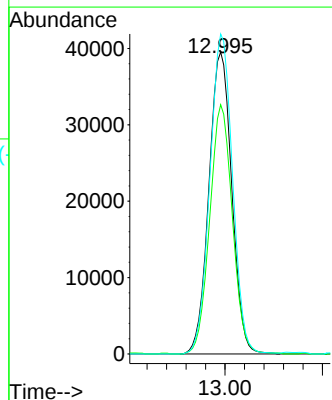
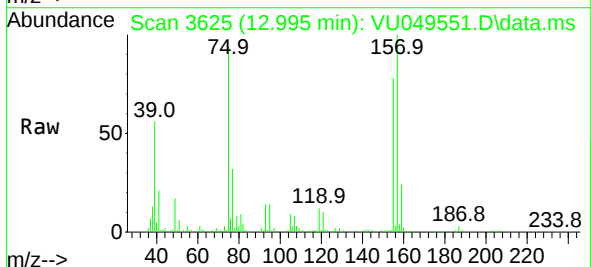
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

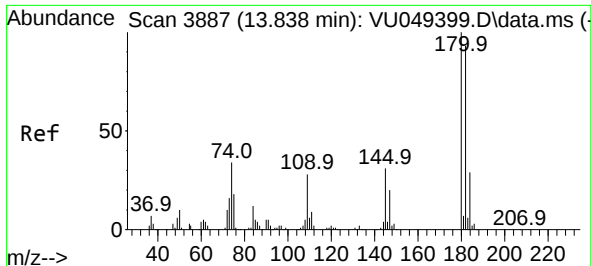
Tgt Ion:146 Resp: 272789
Ion Ratio Lower Upper
146 100
111 43.2 19.9 59.6
148 64.8 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.132 ug/l
RT: 12.995 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion: 75 Resp: 64426
Ion Ratio Lower Upper
75 100
155 81.8 47.8 143.4
157 105.0 62.2 186.5

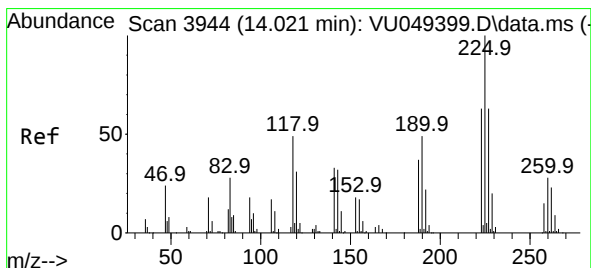
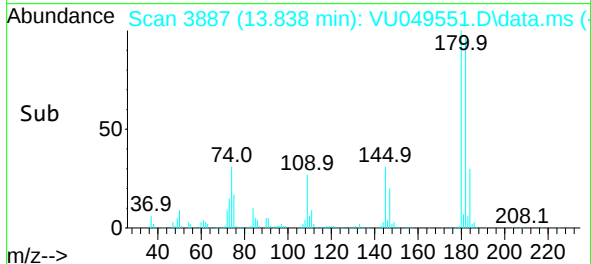
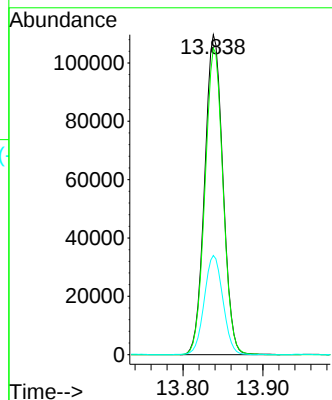
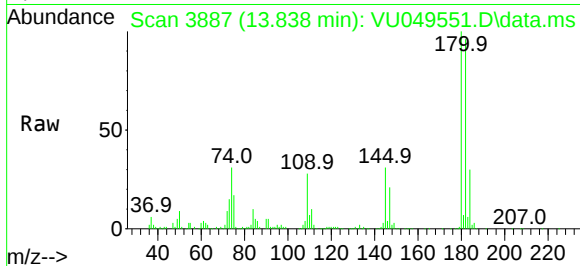




#93
1,2,4-Trichlorobenzene
Concen: 46.853 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. -0.000 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

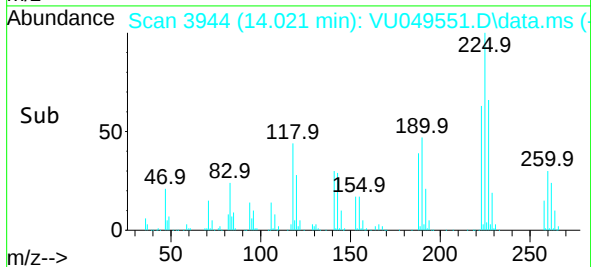
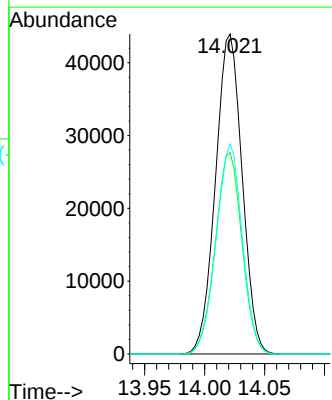
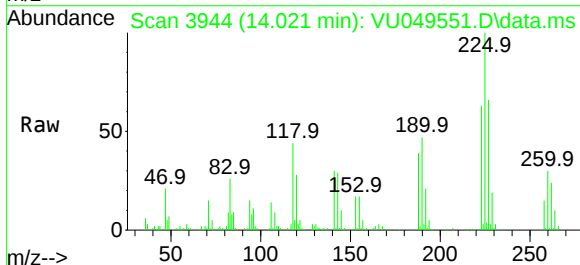
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

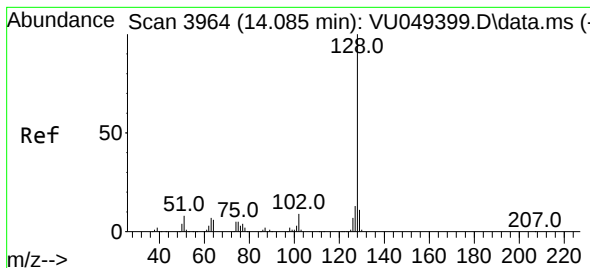
Tgt Ion:180 Resp: 174012
Ion Ratio Lower Upper
180 100
182 94.9 47.9 143.6
145 31.7 14.0 41.9



#94
Hexachlorobutadiene
Concen: 39.430 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU049551.D
Acq: 30 Jun 2022 07:26

Tgt Ion:225 Resp: 67855
Ion Ratio Lower Upper
225 100
223 63.0 31.3 93.9
227 64.4 32.0 96.2





#95

Naphthalene

Concen: 49.984 ug/l

RT: 14.085 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

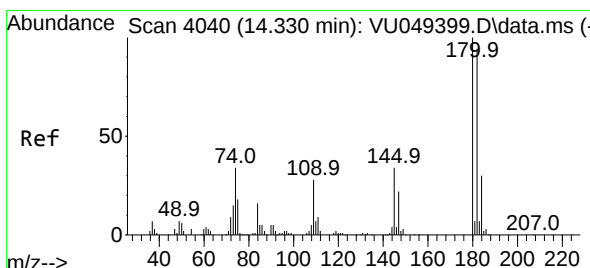
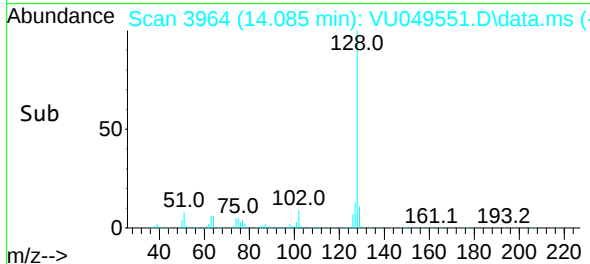
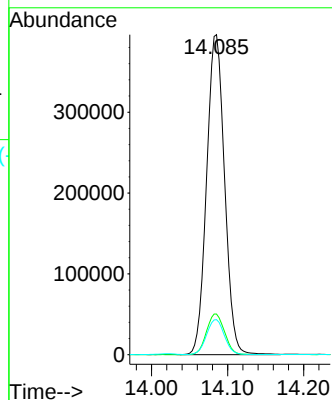
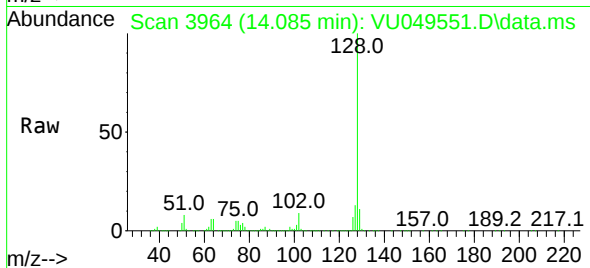
Tgt Ion:128 Resp: 649950

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: 47.043 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. -0.003 min

Lab File: VU049551.D

Acq: 30 Jun 2022 07:26

Tgt Ion:180 Resp: 179787

Ion Ratio Lower Upper

180 100

182 95.9 48.4 145.0

145 33.1 14.8 44.4

