

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048819.D
 Acq On : 02 Jun 2022 21:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 03 01:20:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	226637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	393557	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	365778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	199464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	182659	53.666	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.340%			
35) Dibromofluoromethane	5.289	113	139215	49.583	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.160%			
50) Toluene-d8	7.896	98	512553	50.926	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.860%			
62) 4-Bromofluorobenzene	10.632	95	207611	54.543	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	129161	49.783	ug/l	100
3) Chloromethane	1.520	50	170288	50.985	ug/l	99
4) Vinyl Chloride	1.601	62	165881	53.624	ug/l	95
5) Bromomethane	1.829	94	65361	36.816	ug/l	97
6) Chloroethane	1.909	64	93635	55.395	ug/l	98
7) Trichlorofluoromethane	2.125	101	219875	49.768	ug/l	99
8) Diethyl Ether	2.372	74	90113	55.273	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.572	101	124558	51.505	ug/l	98
10) Methyl Iodide	2.713	142	165202	46.230	ug/l	97
11) Tert butyl alcohol	3.202	59	287092	332.698	ug/l #	35
12) 1,1-Dichloroethene	2.572	96	121641	52.734	ug/l	96
13) Acrolein	2.482	56	78021	273.234	ug/l	100
14) Allyl chloride	2.916	41	250194	56.000	ug/l	96
15) Acrylonitrile	3.308	53	590791	315.674	ug/l	98
16) Acetone	2.623	43	494216	284.918	ug/l	100
17) Carbon Disulfide	2.784	76	302530	44.927	ug/l	99
18) Methyl Acetate	2.945	43	290941	66.805	ug/l	99
19) Methyl tert-butyl Ether	3.359	73	513564	58.677	ug/l	99
20) Methylene Chloride	3.038	84	160775	54.506	ug/l	100
21) trans-1,2-Dichloroethene	3.347	96	132752	50.312	ug/l	92
22) Diisopropyl ether	3.990	45	491132	59.594	ug/l	96
23) Vinyl Acetate	3.951	43	2128452	298.090	ug/l	100
24) 1,1-Dichloroethane	3.864	63	292410	56.494	ug/l	100
25) 2-Butanone	4.697	43	796404	319.598	ug/l	100
26) 2,2-Dichloropropane	4.662	77	191478	41.235	ug/l	98
27) cis-1,2-Dichloroethene	4.665	96	164637	53.906	ug/l	97
28) Bromochloromethane	4.970	49	121672	59.931	ug/l	99
29) Tetrahydrofuran	5.047	42	508745	324.118	ug/l	98
30) Chloroform	5.086	83	290037	56.003	ug/l	99
31) Cyclohexane	5.385	56	226215	52.738	ug/l	99
32) 1,1,1-Trichloroethane	5.314	97	238350	50.728	ug/l	99
36) 1,1-Dichloropropene	5.523	75	189812	46.320	ug/l	98
37) Ethyl Acetate	4.800	43	280341	54.116	ug/l	99
38) Carbon Tetrachloride	5.523	117	209104	44.478	ug/l	99
39) Methylcyclohexane	6.761	83	222088	51.688	ug/l	99
40) Benzene	5.771	78	605933	50.086	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	153924	58.798	ug/l	98
42) 1,2-Dichloroethane	5.793	62	230349	48.640	ug/l	99
43) Isopropyl Acetate	5.909	43	418885	55.711	ug/l	100
44) Trichloroethene	6.539	130	146318	46.945	ug/l	99
45) 1,2-Dichloropropane	6.790	63	171737	56.387	ug/l	98
46) Dibromomethane	6.916	93	116020	50.987	ug/l	98
47) Bromodichloromethane	7.105	83	228885	49.740	ug/l	100
48) Methyl methacrylate	6.957	41	203906	60.410	ug/l	97
49) 1,4-Dioxane	6.964	88	116741	1547.162	ug/l	97
51) 4-Methyl-2-Pentanone	7.790	43	1588781	325.424	ug/l	100
52) Toluene	7.967	92	376360	52.009	ug/l	98
53) t-1,3-Dichloropropene	8.208	75	246073	49.573	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	261674	50.872	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	167642	52.492	ug/l	98
56) Ethyl methacrylate	8.333	69	283428	55.839	ug/l	98
57) 1,3-Dichloropropane	8.575	76	288225	53.622	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.462	63	265129	234.447	ug/l	98
59) 2-Hexanone	8.684	43	1212876	302.604	ug/l	100
60) Dibromochloromethane	8.809	129	173020	48.330	ug/l	100
61) 1,2-Dibromoethane	8.922	107	168446	47.892	ug/l	100
64) Tetrachloroethene	8.552	164	121014	47.590	ug/l	96
65) Chlorobenzene	9.446	112	401275	51.870	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.533	131	158928	54.122	ug/l	98
67) Ethyl Benzene	9.571	91	721101	55.265	ug/l	98
68) m/p-Xylenes	9.694	106	556891	109.126	ug/l	99
69) o-Xylene	10.099	106	283739	56.593	ug/l	99
70) Styrene	10.115	104	477230	57.869	ug/l	100
71) Bromoform	10.292	173	153272	56.453	ug/l #	98
73) Isopropylbenzene	10.485	105	744333	57.802	ug/l	100
74) N-amyl acetate	10.321	43	390822	59.457	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.784	83	334000	63.558	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	373114	58.016	ug/l	95
77) Bromobenzene	10.784	156	189926	54.918	ug/l	98
78) n-propylbenzene	10.906	91	872165	56.839	ug/l	98
79) 2-Chlorotoluene	10.986	91	544318	57.043	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	659404	58.883	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	92491	52.218	ug/l	98
82) 4-Chlorotoluene	11.095	91	619693	56.286	ug/l	100
83) tert-Butylbenzene	11.420	119	668841	62.230	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	668067	55.227	ug/l	99
85) sec-Butylbenzene	11.642	105	785626	58.428	ug/l	99
86) p-Isopropyltoluene	11.793	119	690201	59.774	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	349700	51.574	ug/l	100
88) 1,4-Dichlorobenzene	11.835	146	348902	49.806	ug/l	100
89) n-Butylbenzene	12.208	91	594559	51.379	ug/l	99
90) Hexachloroethane	12.478	117	125841	53.400	ug/l	98
91) 1,2-Dichlorobenzene	12.211	146	371065	54.171	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	83248	55.019	ug/l	99
93) 1,2,4-Trichlorobenzene	13.841	180	215706	47.989	ug/l	99
94) Hexachlorobutadiene	14.021	225	109702	50.918	ug/l	97
95) Naphthalene	14.086	128	727866	46.544	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	223247	50.145	ug/l	100

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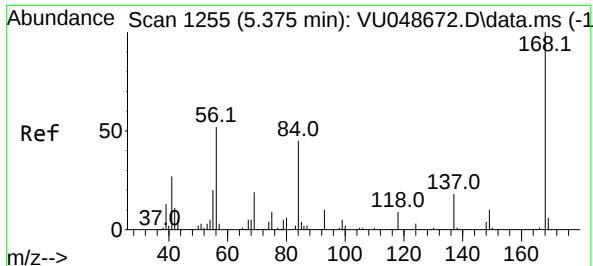
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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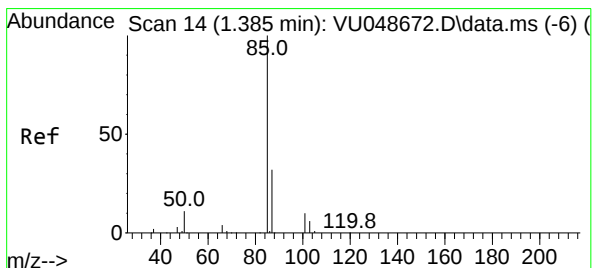
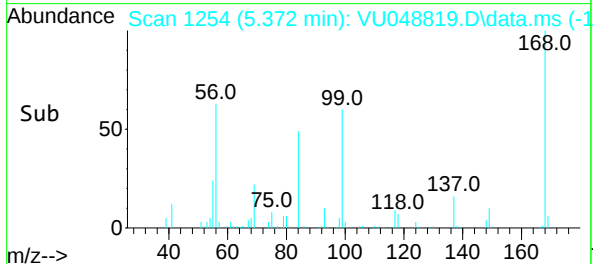
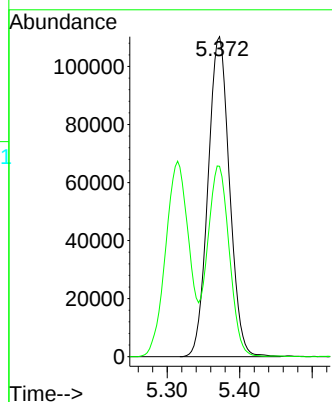
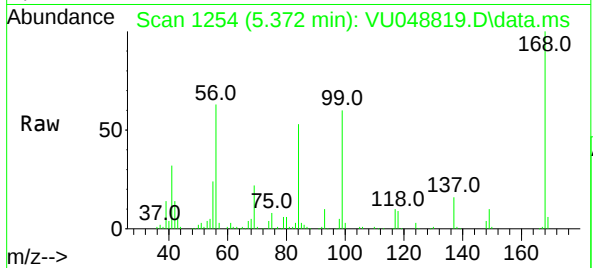




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048819.D
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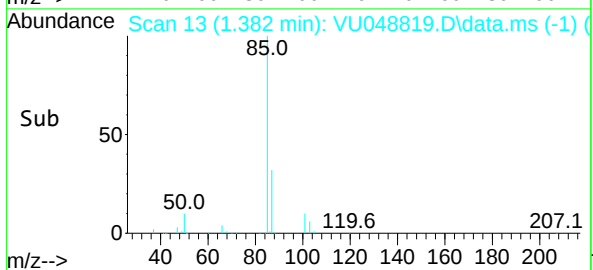
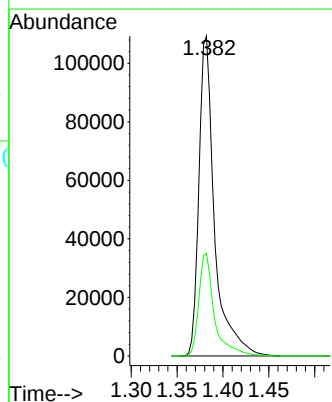
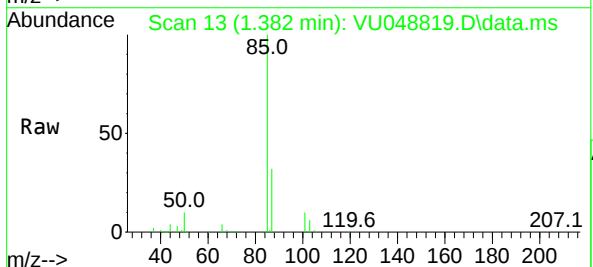
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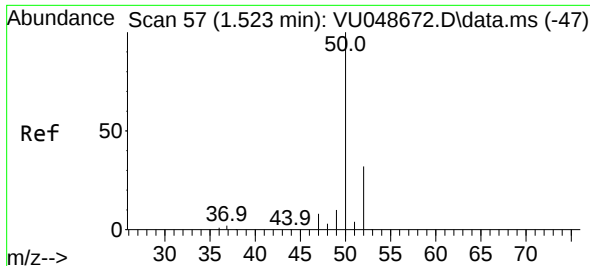
Tgt Ion:168 Resp: 226637
Ion Ratio Lower Upper
168 100
99 59.3 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 49.783 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion: 85 Resp: 129161
Ion Ratio Lower Upper
85 100
87 32.1 16.0 48.0

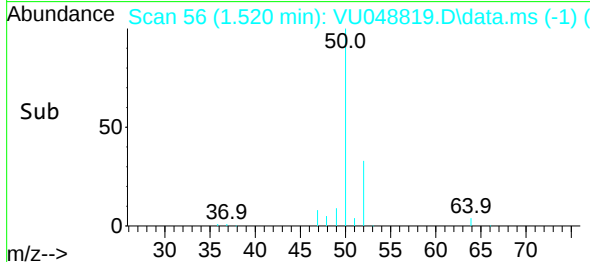
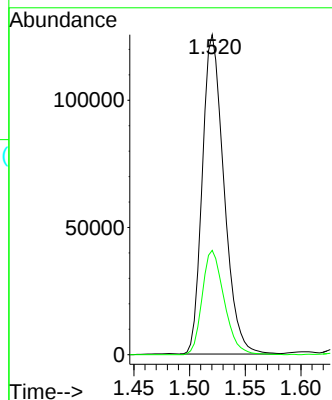
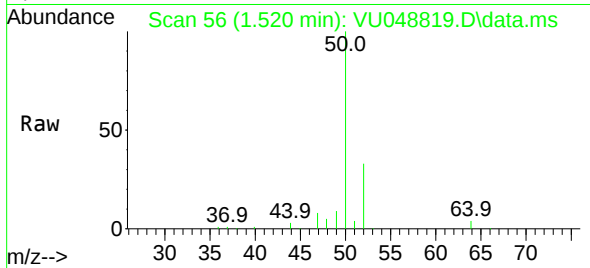




#3
Chloromethane
Concen: 50.985 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

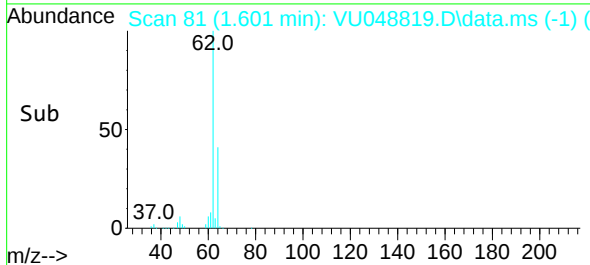
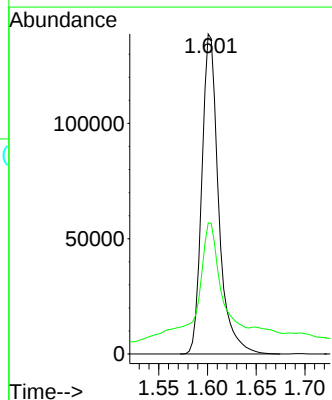
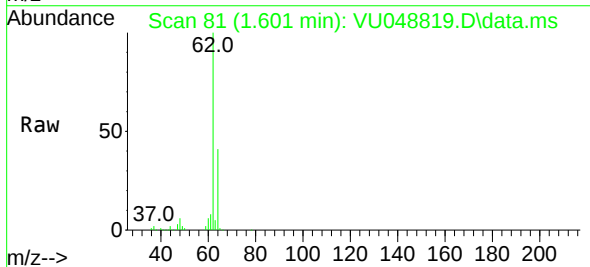
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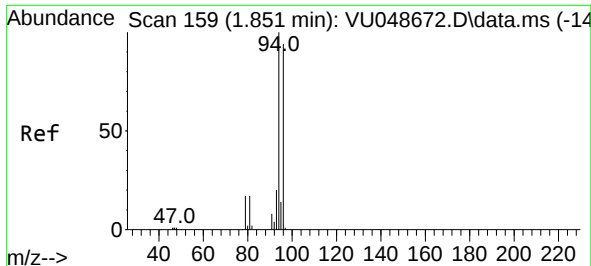
Tgt Ion: 50 Resp: 170288
Ion Ratio Lower Upper
50 100
52 32.7 25.7 38.5



#4
Vinyl Chloride
Concen: 53.624 ug/l
RT: 1.601 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU048819.D
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Tgt Ion: 62 Resp: 165881
Ion Ratio Lower Upper
62 100
64 34.5 25.2 37.8

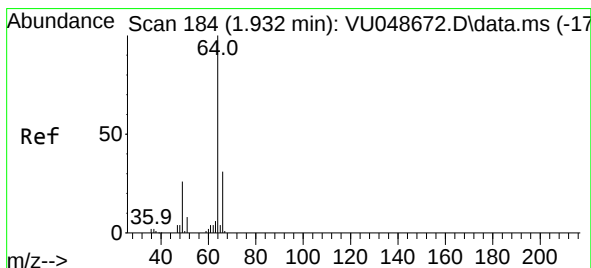
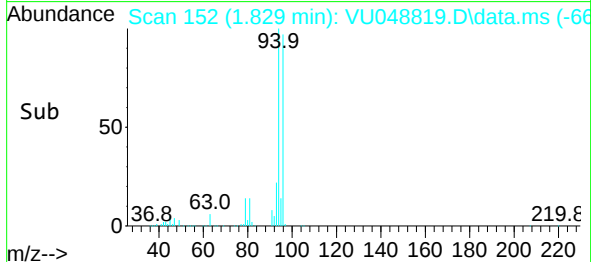
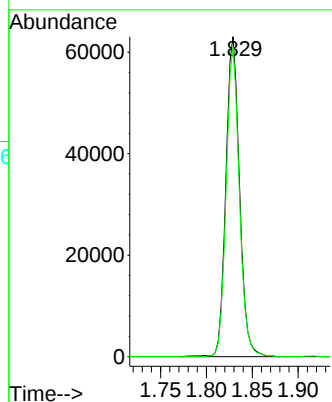
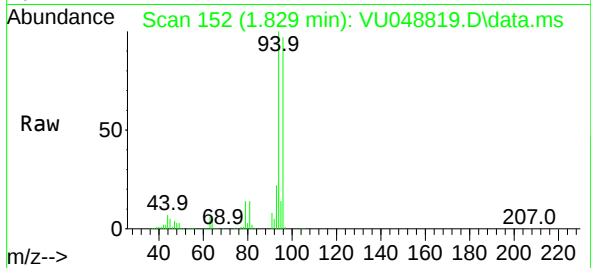




#5
Bromomethane
Concen: 36.816 ug/l
RT: 1.829 min Scan# 11
Delta R.T. -0.022 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

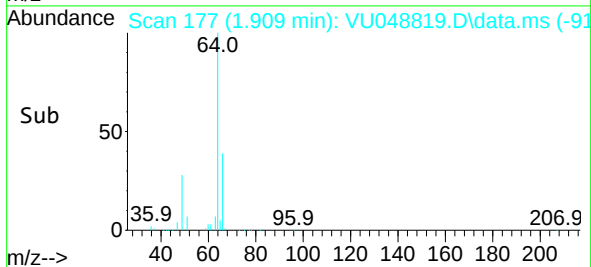
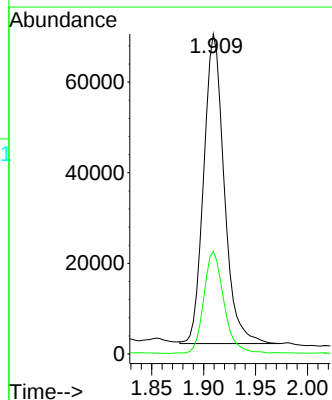
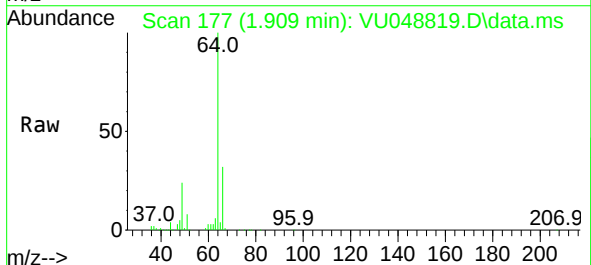
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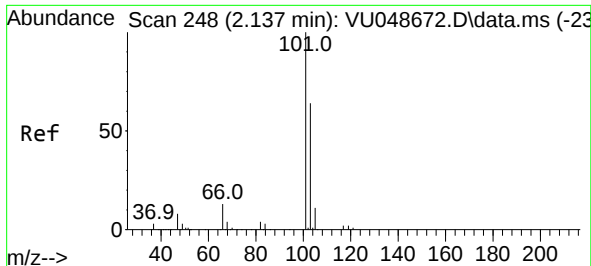
Tgt Ion: 94 Resp: 65361
Ion Ratio Lower Upper
94 100
96 96.8 75.1 112.7



#6
Chloroethane
Concen: 55.395 ug/l
RT: 1.909 min Scan# 177
Delta R.T. -0.023 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion: 64 Resp: 93635
Ion Ratio Lower Upper
64 100
66 32.7 25.2 37.8

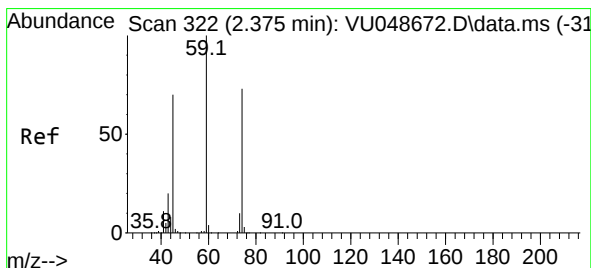
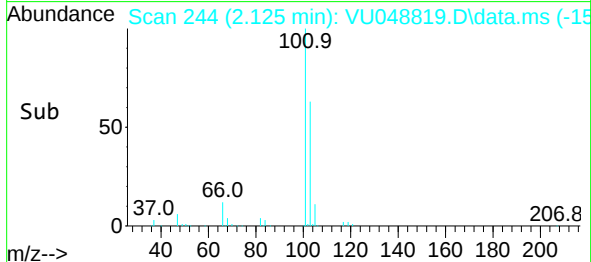
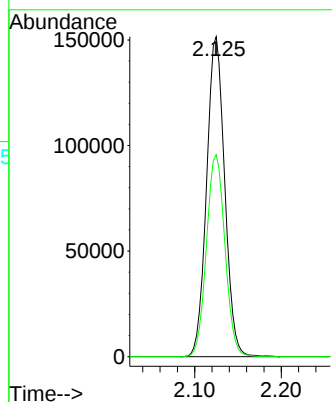
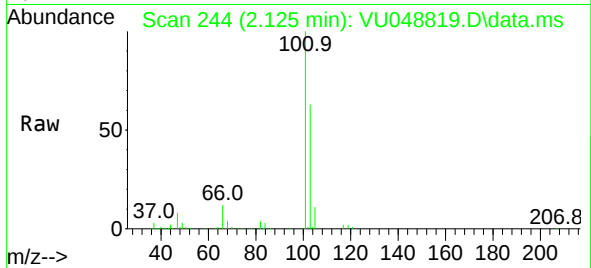




#7
 Trichlorofluoromethane
 Concen: 49.768 ug/l
 RT: 2.125 min Scan# 248
 Delta R.T. -0.013 min
 Lab File: VU048819.D
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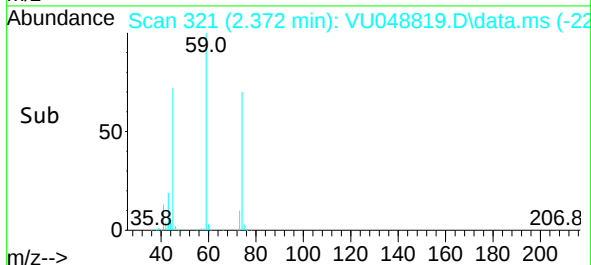
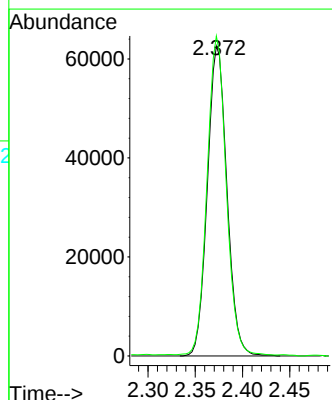
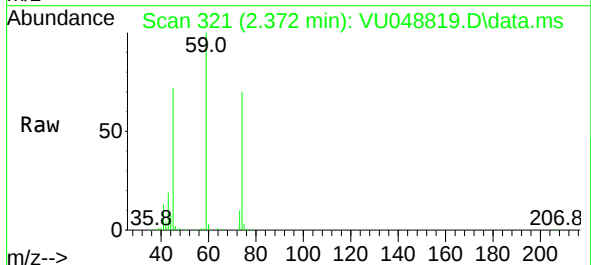
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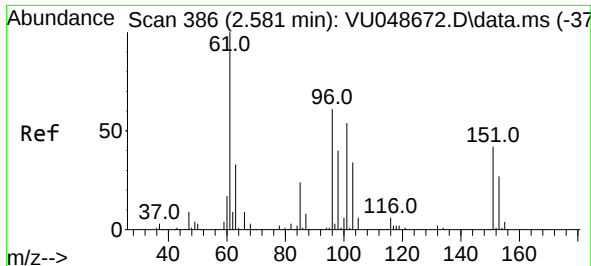
Tgt Ion:101 Resp: 219875
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.0 76.4



#8
 Diethyl Ether
 Concen: 55.273 ug/l
 RT: 2.372 min Scan# 321
 Delta R.T. -0.003 min
 Lab File: VU048819.D
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Tgt Ion: 74 Resp: 90113
 Ion Ratio Lower Upper
 74 100
 45 100.7 47.7 143.1

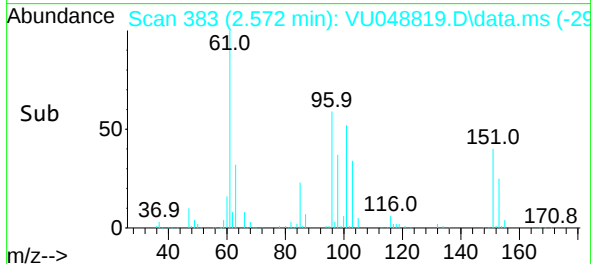
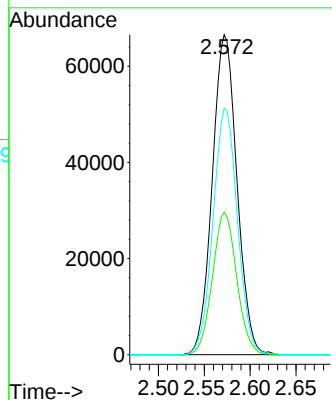
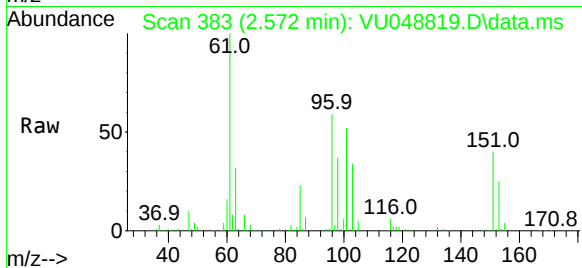




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.505 ug/l
RT: 2.572 min Scan# 31
Delta R.T. -0.010 min
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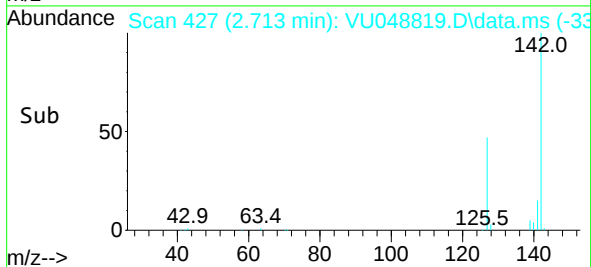
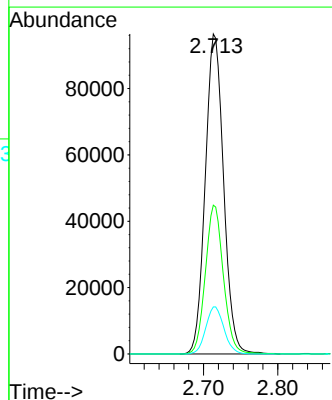
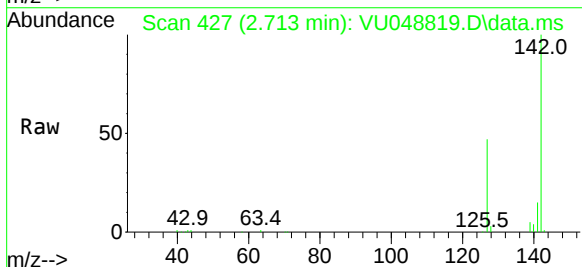
Instrument :
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Tgt Ion:101 Resp: 124558
Ion Ratio Lower Upper
101 100
85 43.7 35.4 53.2
151 76.5 62.5 93.7



#10
Methyl Iodide
Concen: 46.230 ug/l
RT: 2.713 min Scan# 427
Delta R.T. -0.010 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion:142 Resp: 165202
Ion Ratio Lower Upper
142 100
127 45.7 38.4 57.6
141 14.6 11.5 17.3

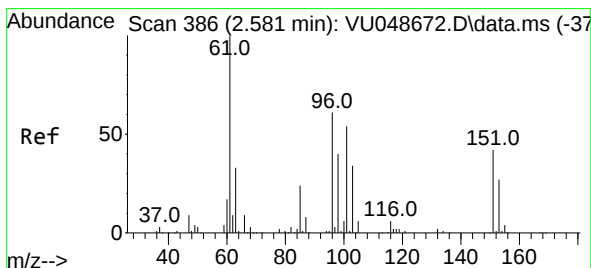
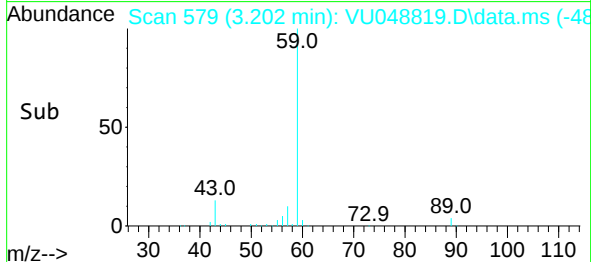
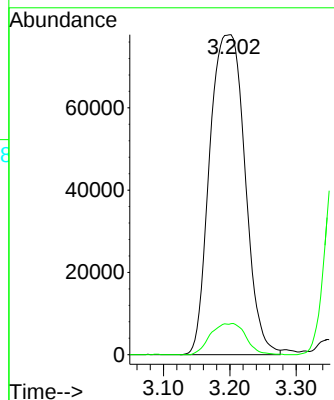
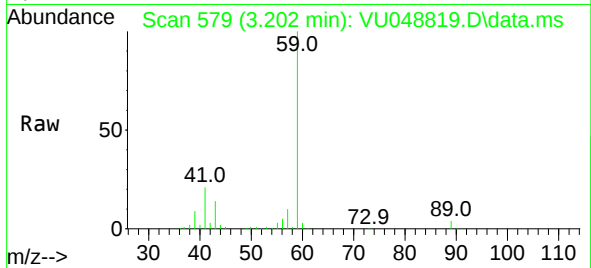




#11
Tert butyl alcohol
Concen: 332.698 ug/l
RT: 3.202 min Scan# 51
Delta R.T. 0.013 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

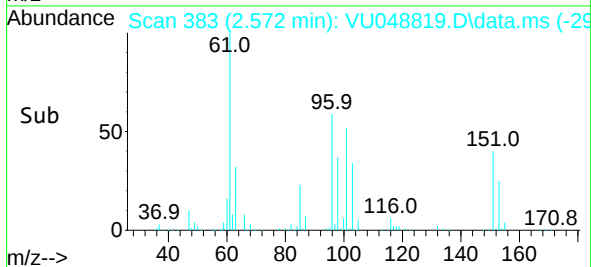
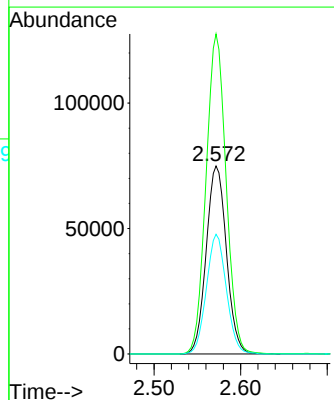
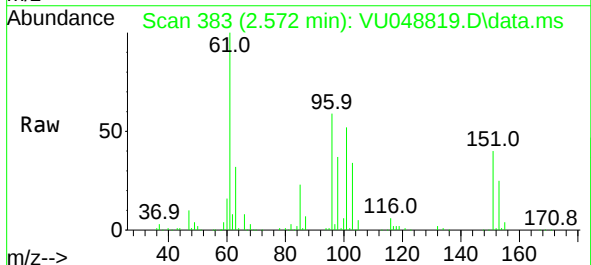
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

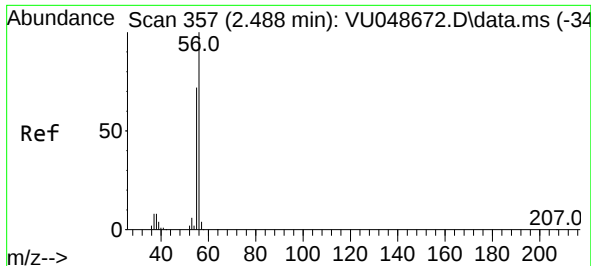
Tgt Ion: 59 Resp: 287092
Ion Ratio Lower Upper
59 100
57 5.3 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 52.734 ug/l
RT: 2.572 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion: 96 Resp: 121641
Ion Ratio Lower Upper
96 100
61 170.1 131.1 196.7
98 63.7 51.8 77.8





#13

Acrolein

Concen: 273.234 ug/l

RT: 2.482 min Scan# 3

Delta R.T. -0.006 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

Instrument :

MSVOA_U

ClientSampleId :

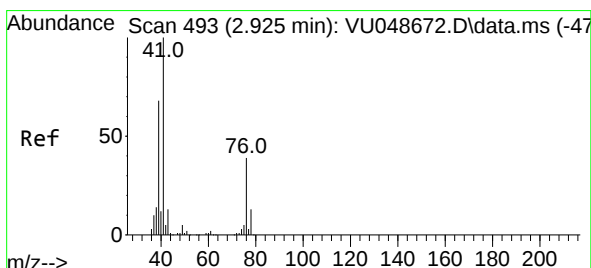
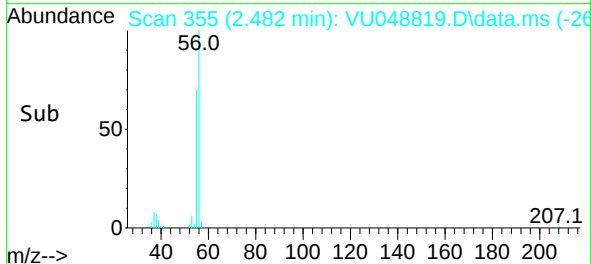
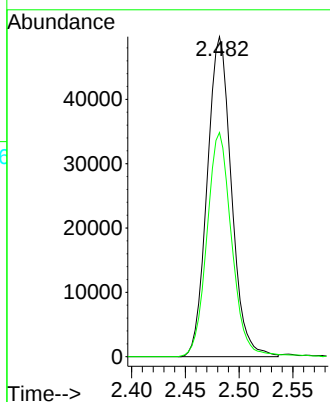
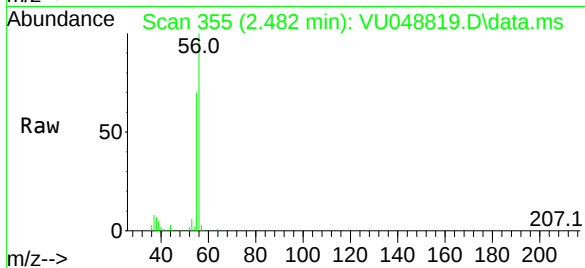
VSTDCCC050EC

Tgt Ion: 56 Resp: 78021

Ion Ratio Lower Upper

56 100

55 71.8 57.7 86.5



#14

Allyl chloride

Concen: 56.000 ug/l

RT: 2.916 min Scan# 490

Delta R.T. -0.010 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

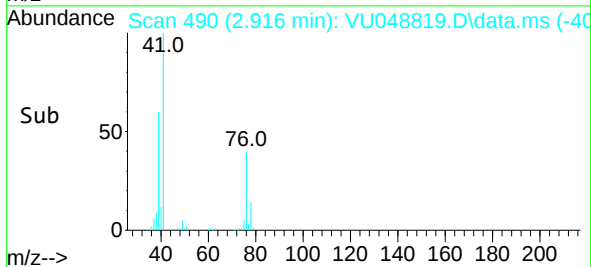
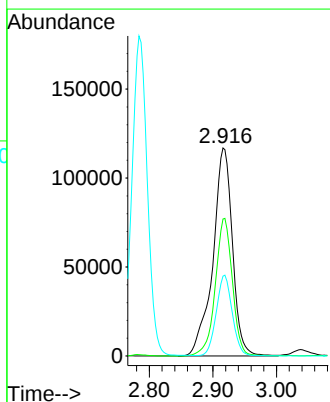
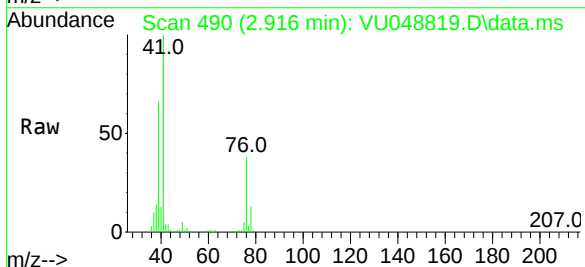
Tgt Ion: 41 Resp: 250194

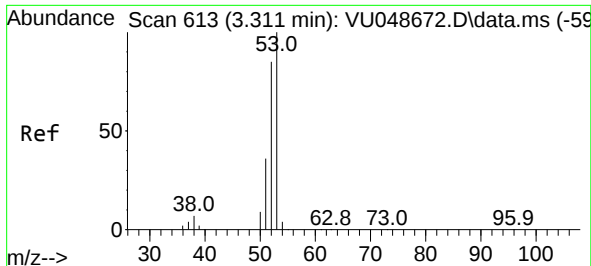
Ion Ratio Lower Upper

41 100

39 57.7 48.6 72.8

76 31.4 27.0 40.4

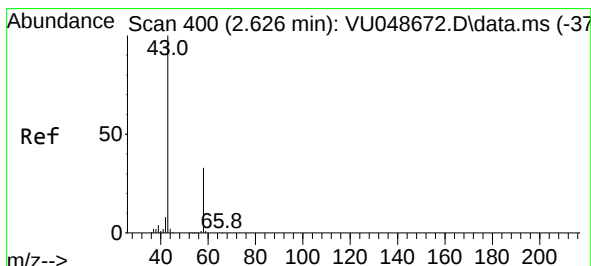
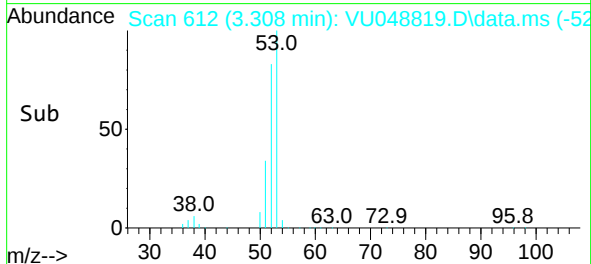
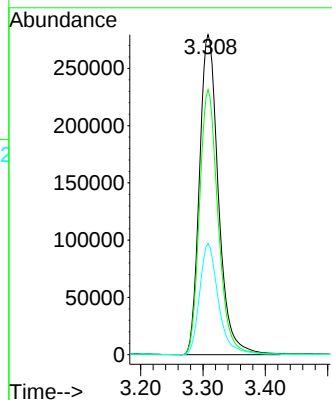
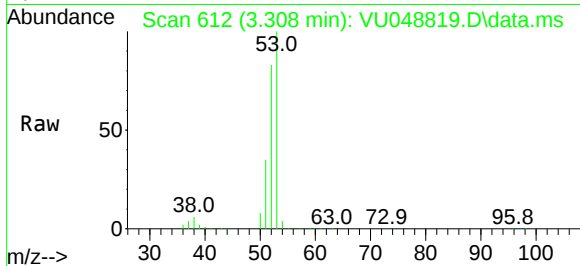




#15
Acrylonitrile
Concen: 315.674 ug/l
RT: 3.308 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

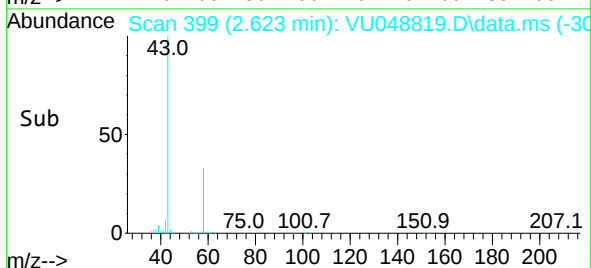
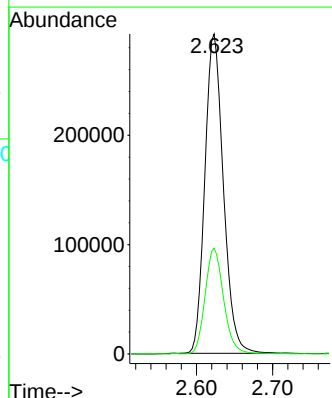
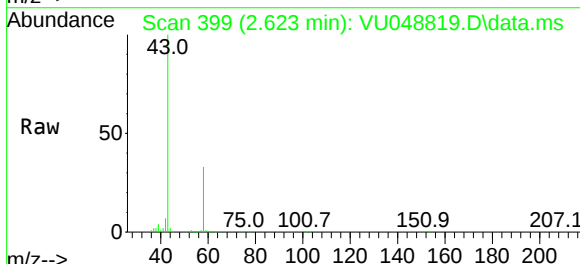
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

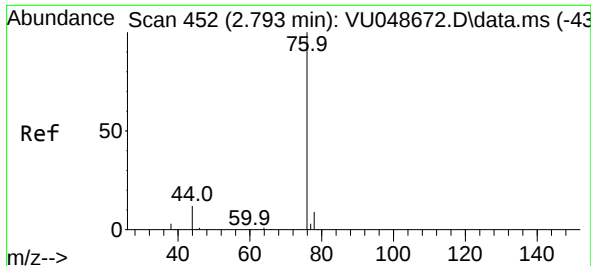
Tgt Ion: 53 Resp: 590791
Ion Ratio Lower Upper
53 100
52 81.5 66.3 99.5
51 34.6 28.6 42.8



#16
Acetone
Concen: 284.918 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion: 43 Resp: 494216
Ion Ratio Lower Upper
43 100
58 33.0 26.3 39.5

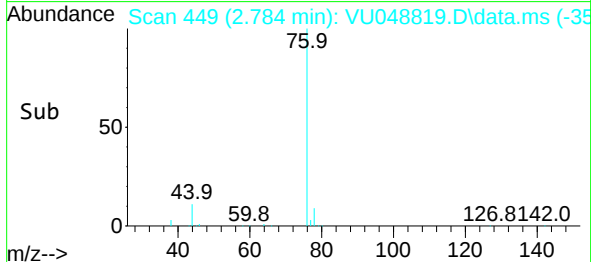
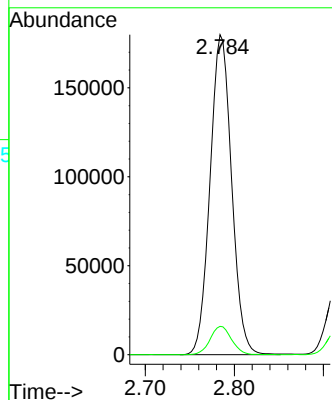
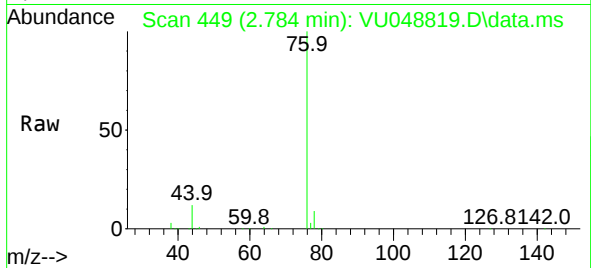




#17
Carbon Disulfide
Concen: 44.927 ug/l
RT: 2.784 min Scan# 44
Delta R.T. -0.010 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

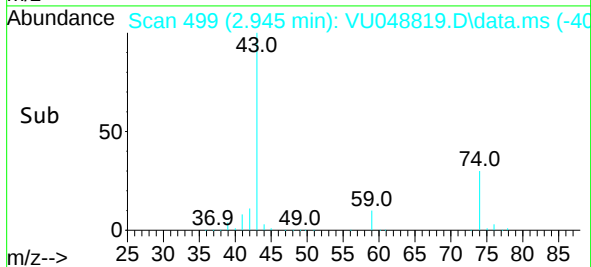
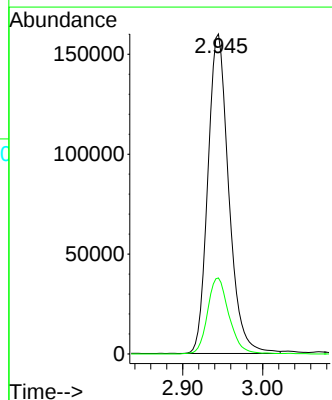
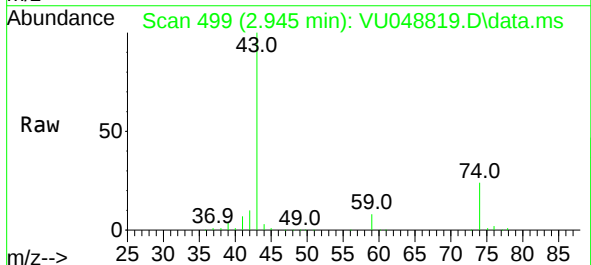
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

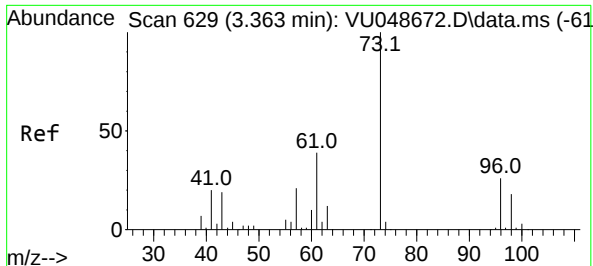
Tgt Ion: 76 Resp: 302530
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 66.805 ug/l
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion: 43 Resp: 290941
Ion Ratio Lower Upper
43 100
74 24.5 19.2 28.8

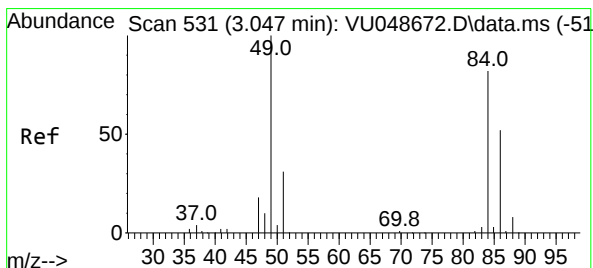
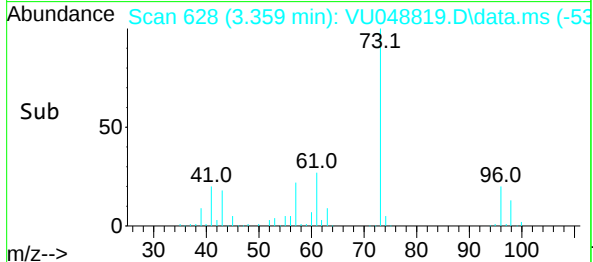
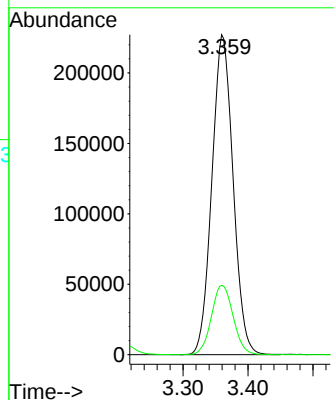
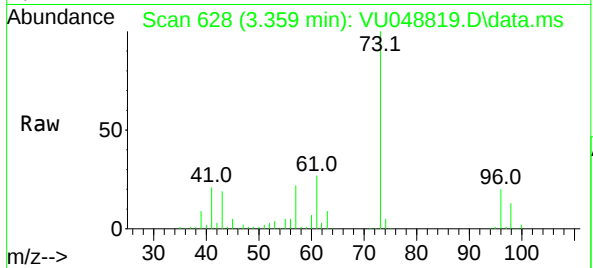




#19
Methyl tert-butyl Ether
Concen: 58.677 ug/l
RT: 3.359 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

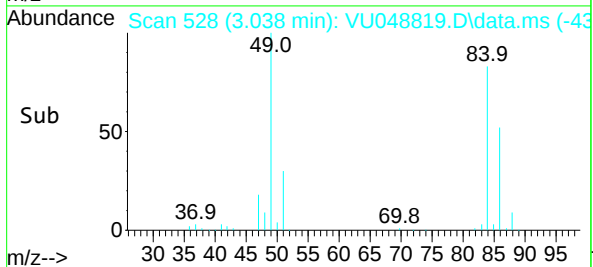
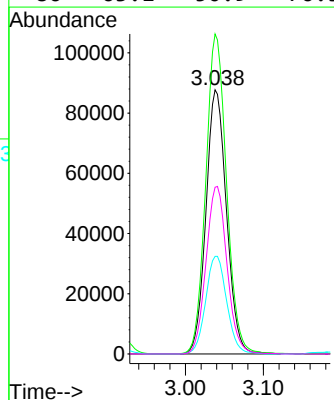
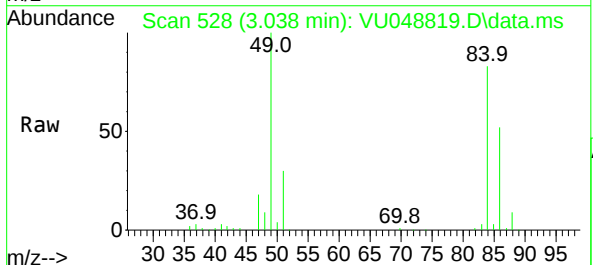
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

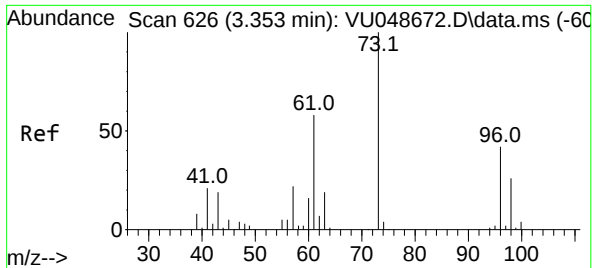
Tgt Ion: 73 Resp: 513564
Ion Ratio Lower Upper
73 100
57 21.7 17.1 25.7



#20
Methylene Chloride
Concen: 54.506 ug/l
RT: 3.038 min Scan# 528
Delta R.T. -0.010 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion: 84 Resp: 160775
Ion Ratio Lower Upper
84 100
49 121.1 97.0 145.4
51 36.9 29.8 44.8
86 63.1 50.9 76.3

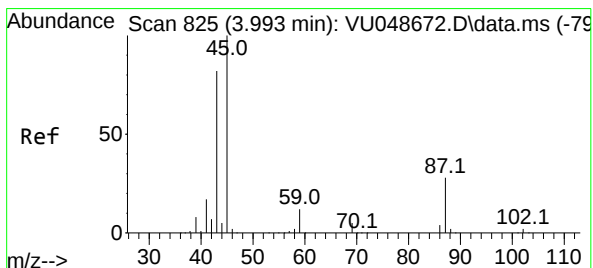
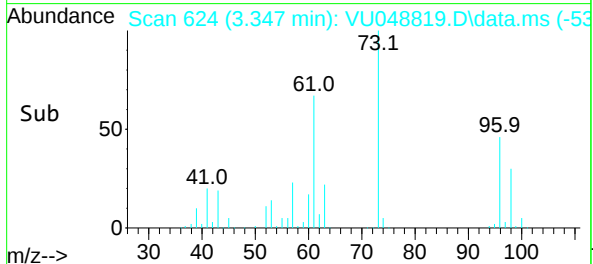
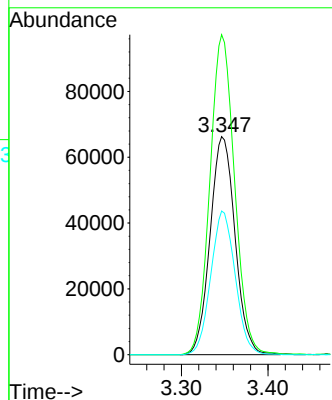
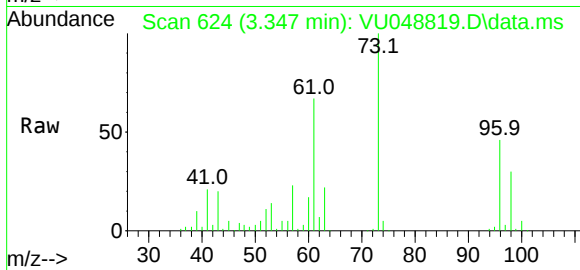




#21
trans-1,2-Dichloroethene
Concen: 50.312 ug/l
RT: 3.347 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

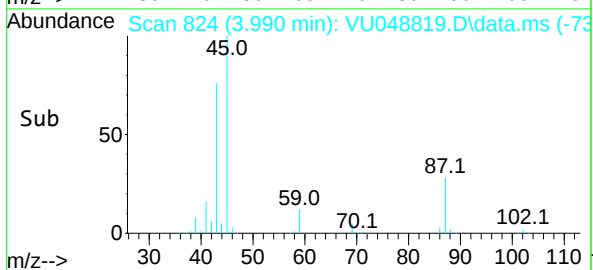
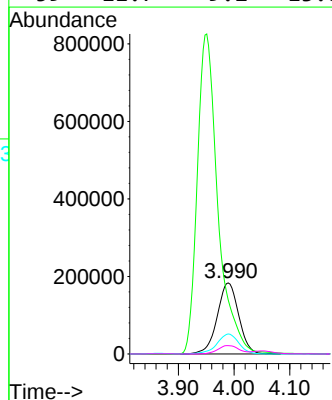
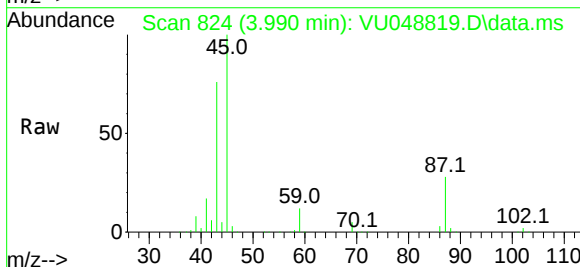
Instrument :
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ClientSampleId :
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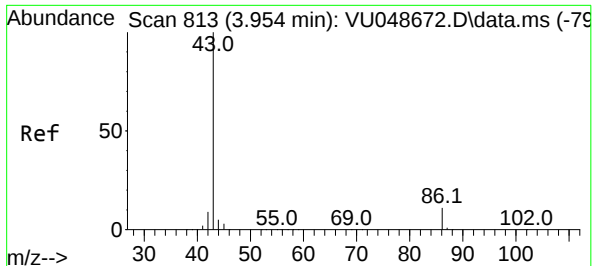
Tgt Ion: 96 Resp: 132752
Ion Ratio Lower Upper
96 100
61 146.8 109.4 164.2
98 65.9 48.9 73.3



#22
Diisopropyl ether
Concen: 59.594 ug/l
RT: 3.990 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion: 45 Resp: 491132
Ion Ratio Lower Upper
45 100
43 76.0 65.2 97.8
87 28.0 22.7 34.1
59 11.7 9.2 13.8

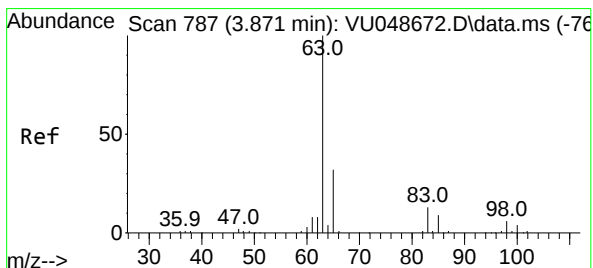
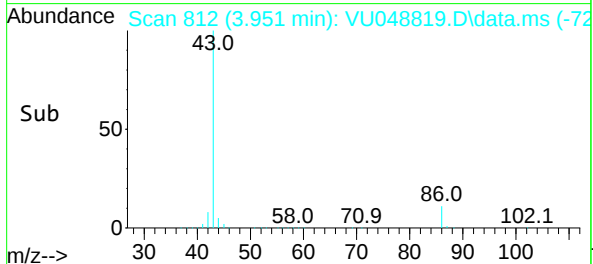
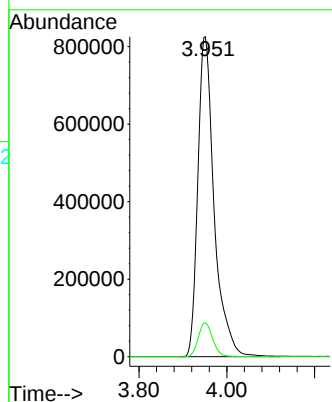
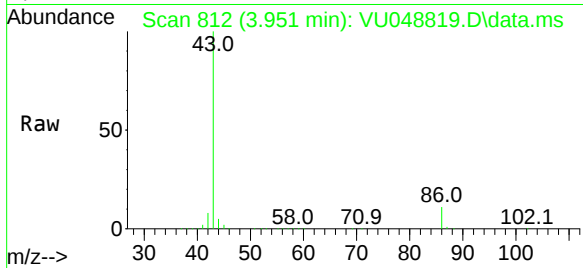




#23
 Vinyl Acetate
 Concen: 298.090 ug/l
 RT: 3.951 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU048819.D
 Acq: 02 Jun 2022 21:18

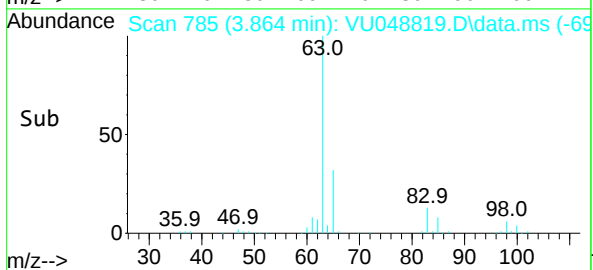
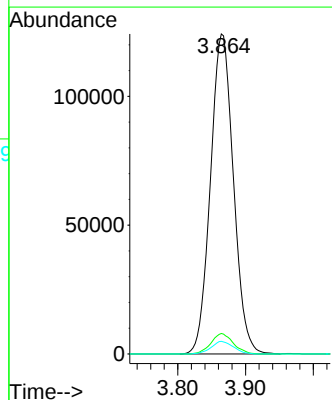
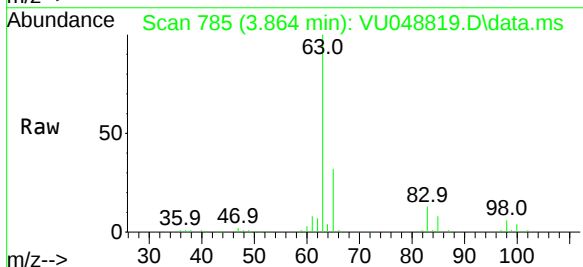
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

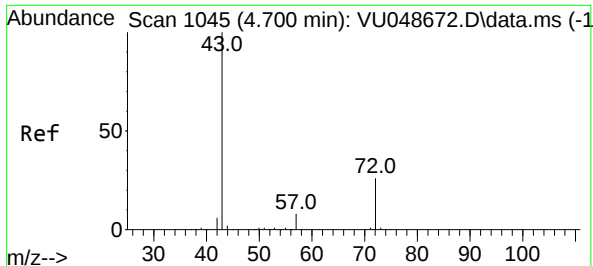
Tgt Ion: 43 Resp: 2128452
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 56.494 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VU048819.D
 Acq: 02 Jun 2022 21:18

Tgt Ion: 63 Resp: 292410
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.1 9.3
 100 3.9 2.0 5.8





#25

2-Butanone

Concen: 319.598 ug/l

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

Instrument :

MSVOA_U

ClientSampleId :

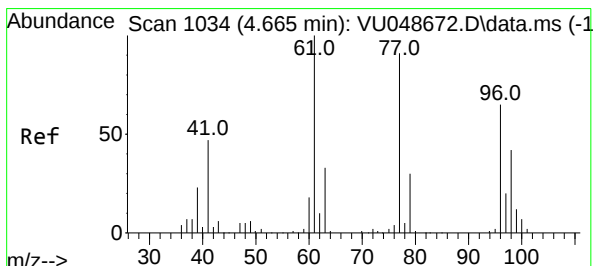
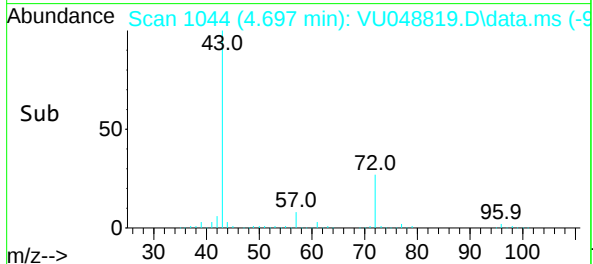
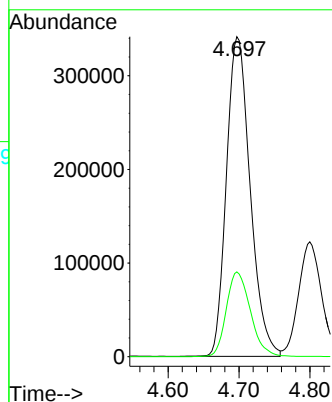
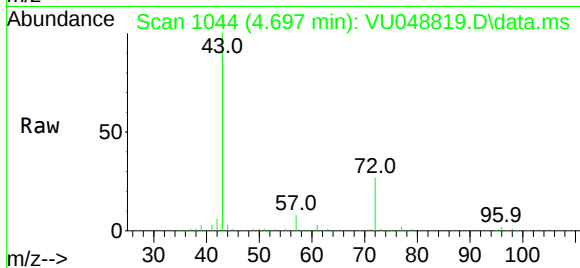
VSTDCCC050EC

Tgt Ion: 43 Resp: 796404

Ion Ratio Lower Upper

43 100

72 26.5 21.1 31.7



#26

2,2-Dichloropropane

Concen: 41.235 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU048819.D

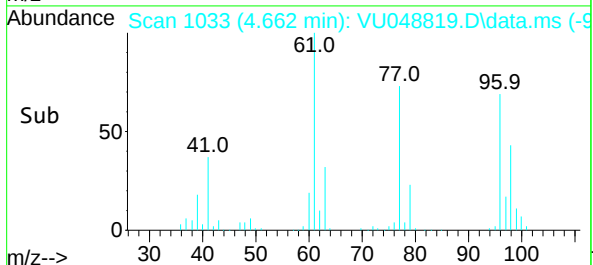
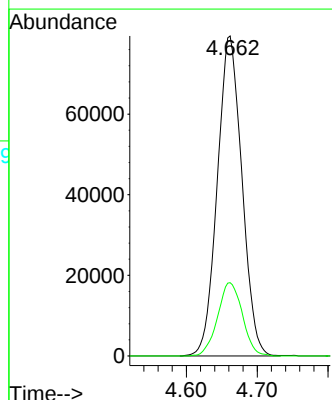
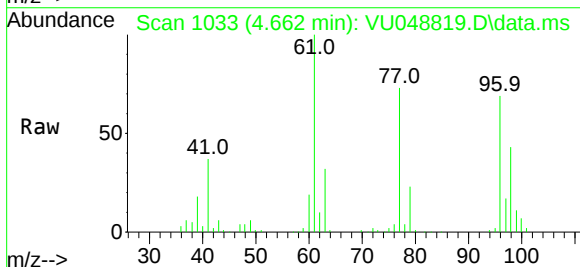
Acq: 02 Jun 2022 21:18

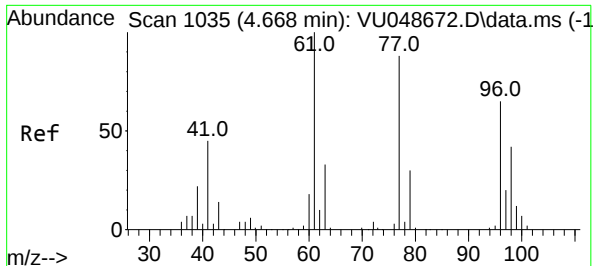
Tgt Ion: 77 Resp: 191478

Ion Ratio Lower Upper

77 100

97 23.1 11.1 33.1

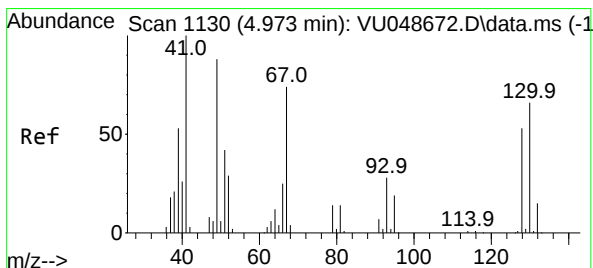
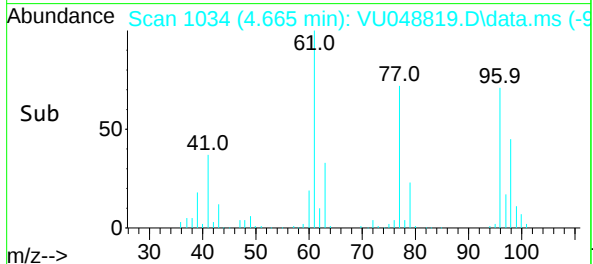
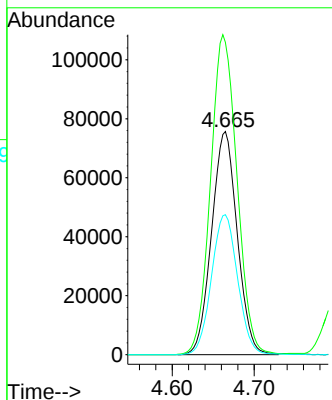
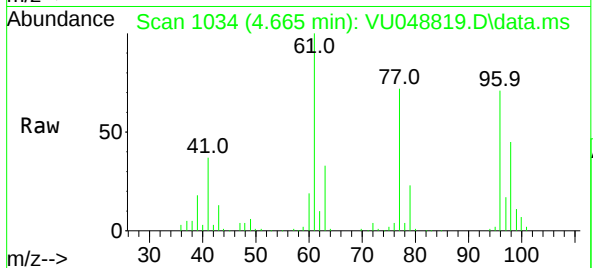




#27
 cis-1,2-Dichloroethene
 Concen: 53.906 ug/l
 RT: 4.665 min Scan# 110
 Delta R.T. -0.003 min
 Lab File: VU048819.D
 Acq: 02 Jun 2022 21:18

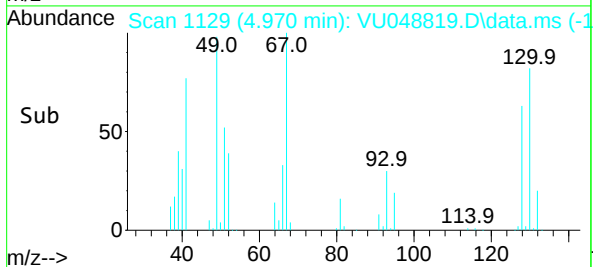
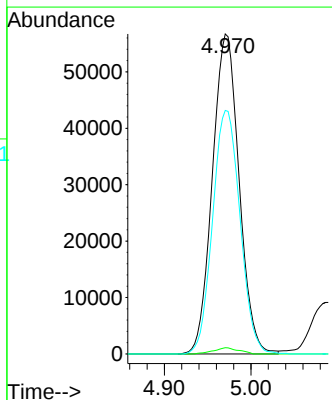
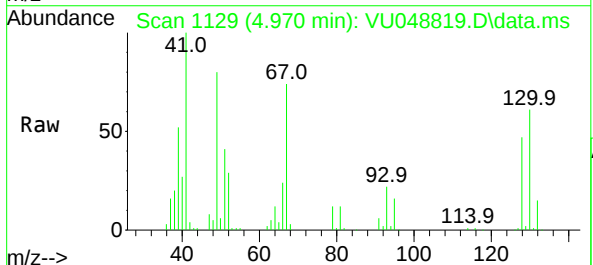
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 164637
 Ion Ratio Lower Upper
 96 100
 61 147.7 0.0 306.2
 98 64.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 59.931 ug/l
 RT: 4.970 min Scan# 1129
 Delta R.T. -0.003 min
 Lab File: VU048819.D
 Acq: 02 Jun 2022 21:18

Tgt Ion: 49 Resp: 121672
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 78.1 62.1 93.1





#29

Tetrahydrofuran

Concen: 324.118 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. -0.003 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

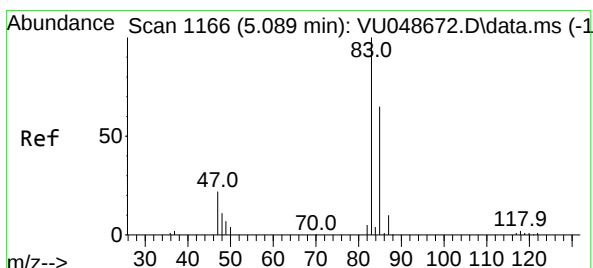
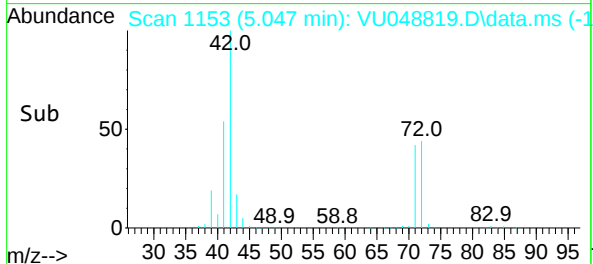
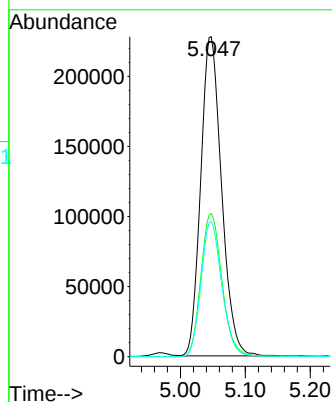
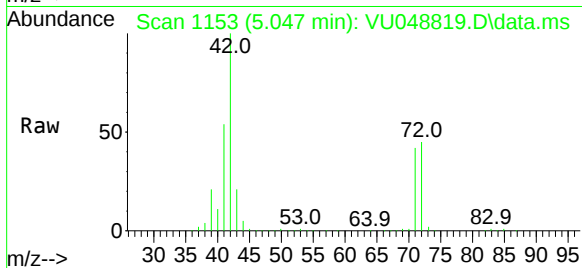
Tgt Ion: 42 Resp: 508745

Ion Ratio Lower Upper

42 100

72 45.5 37.6 56.4

71 42.3 35.0 52.4



#30

Chloroform

Concen: 56.003 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU048819.D

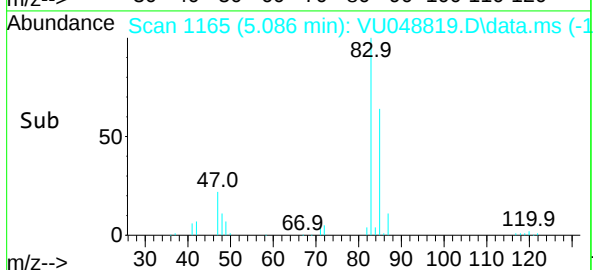
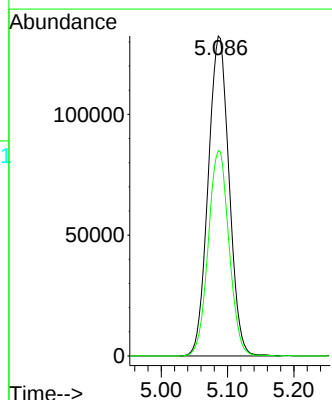
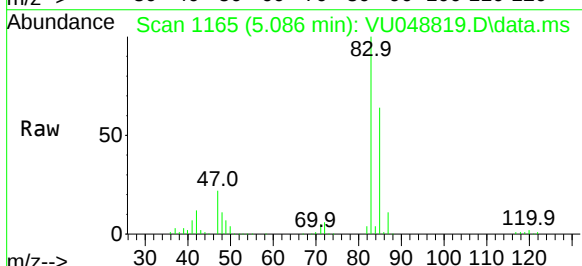
Acq: 02 Jun 2022 21:18

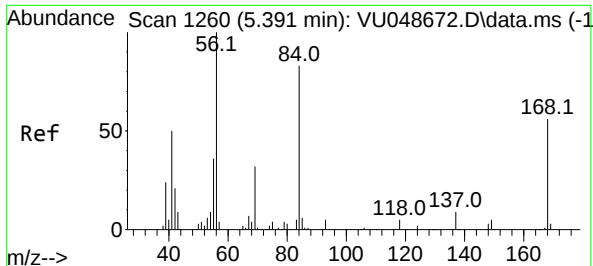
Tgt Ion: 83 Resp: 290037

Ion Ratio Lower Upper

83 100

85 64.2 52.2 78.2





#31

Cyclohexane

Concen: 52.738 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. -0.006 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

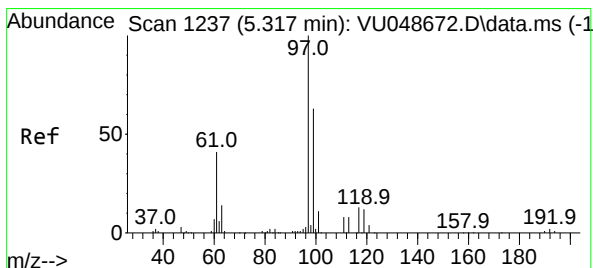
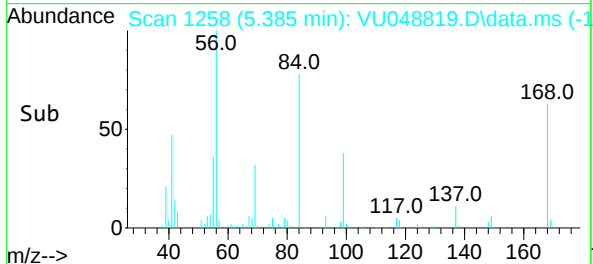
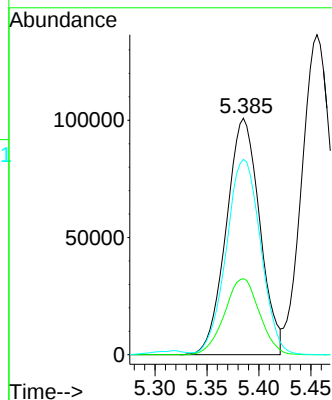
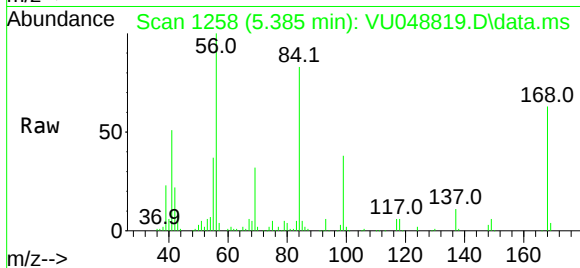
Tgt Ion: 56 Resp: 226215

Ion Ratio Lower Upper

56 100

69 32.1 25.6 38.4

84 81.2 66.2 99.4



#32

1,1,1-Trichloroethane

Concen: 50.728 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

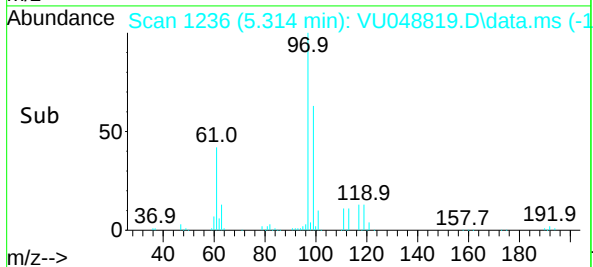
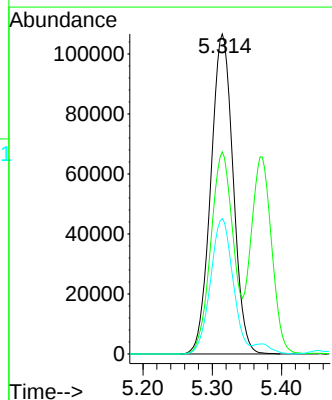
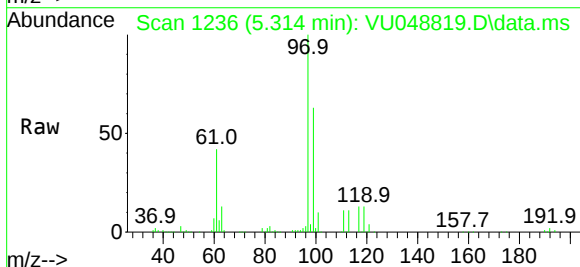
Tgt Ion: 97 Resp: 238350

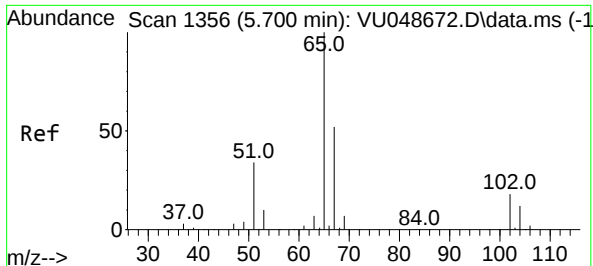
Ion Ratio Lower Upper

97 100

99 63.8 51.6 77.4

61 42.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 53.666 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

Instrument :

MSVOA_U

ClientSampleId :

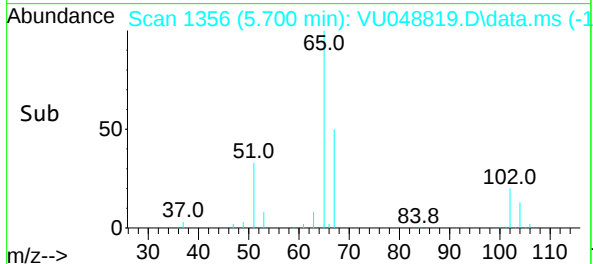
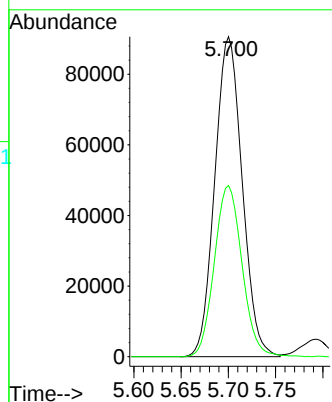
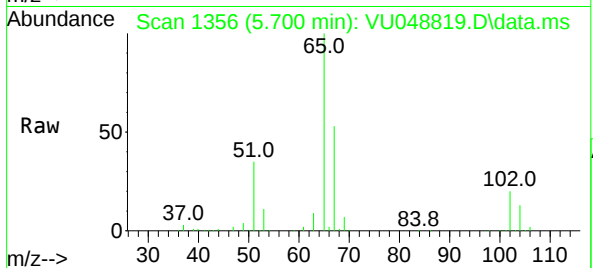
VSTDCCC050EC

Tgt Ion: 65 Resp: 182659

Ion Ratio Lower Upper

65 100

67 54.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. -0.003 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

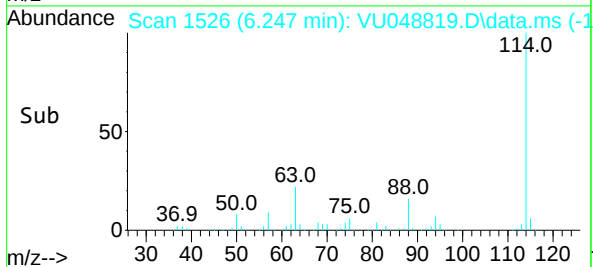
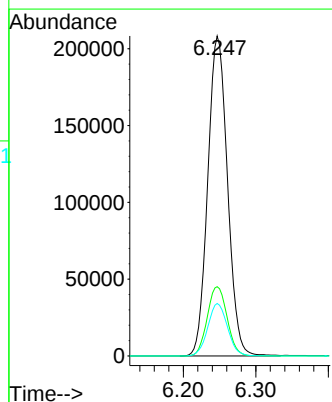
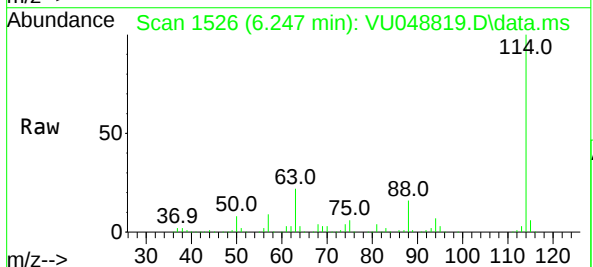
Tgt Ion: 114 Resp: 393557

Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.6

88 16.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 49.583 ug/l

RT: 5.289 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

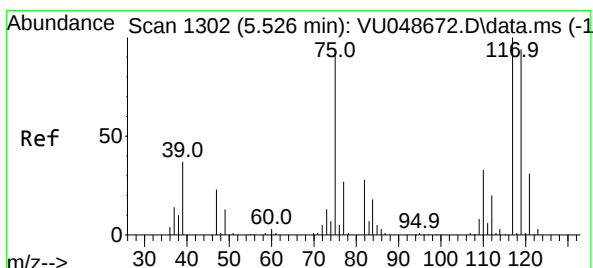
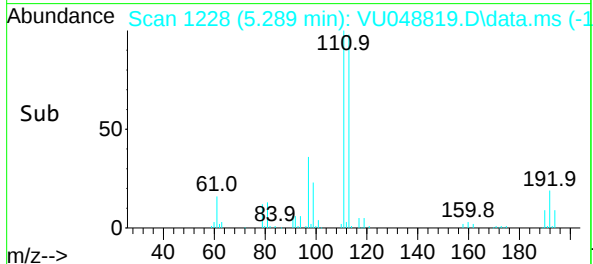
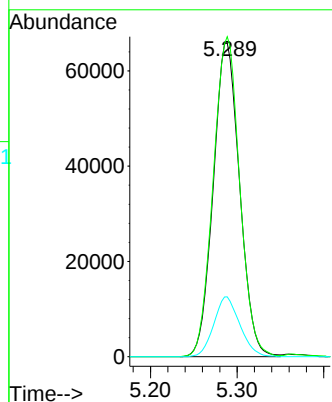
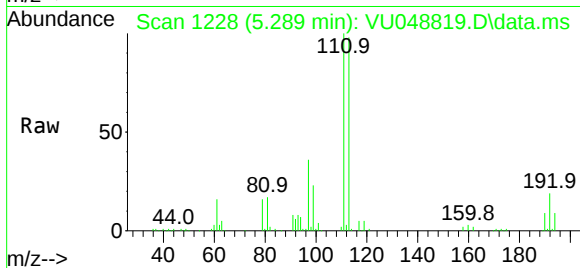
Tgt Ion:113 Resp: 139215

Ion Ratio Lower Upper

113 100

111 102.5 80.7 121.1

192 18.9 15.9 23.9



#36

1,1-Dichloropropene

Concen: 46.320 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.003 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

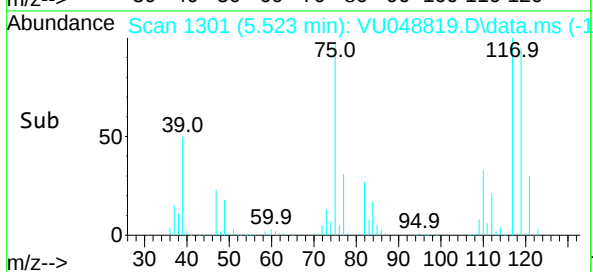
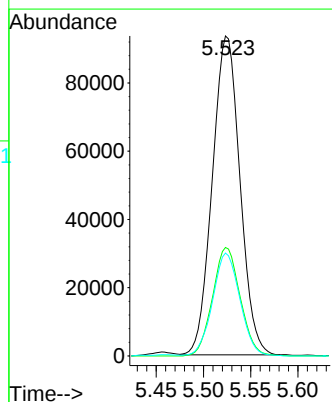
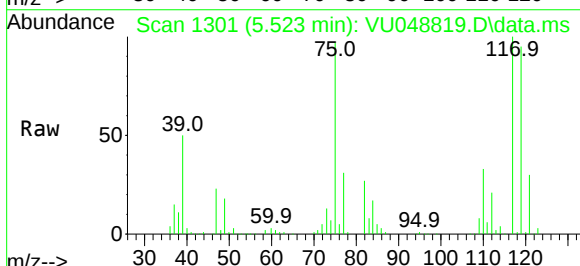
Tgt Ion: 75 Resp: 189812

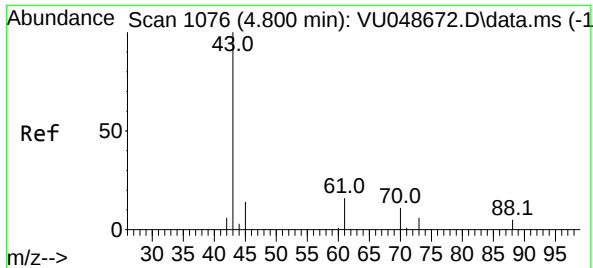
Ion Ratio Lower Upper

75 100

110 34.0 17.4 52.3

77 32.0 24.8 37.2

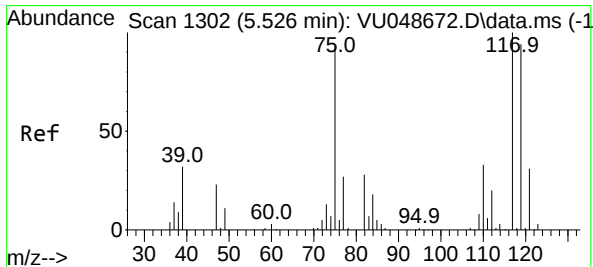
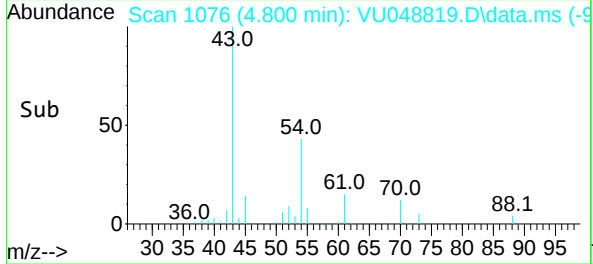
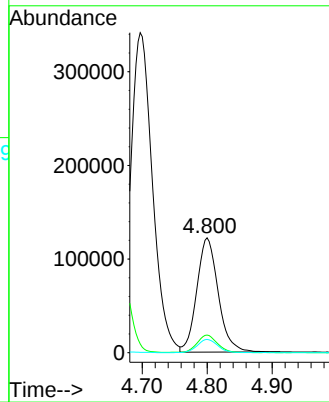
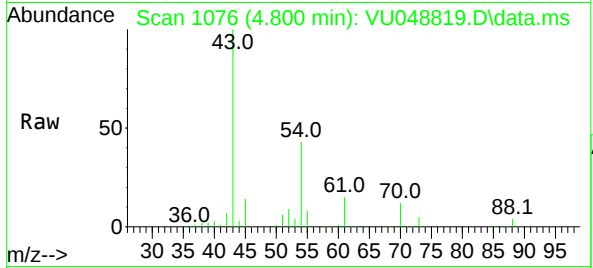




#37
Ethyl Acetate
Concen: 54.116 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

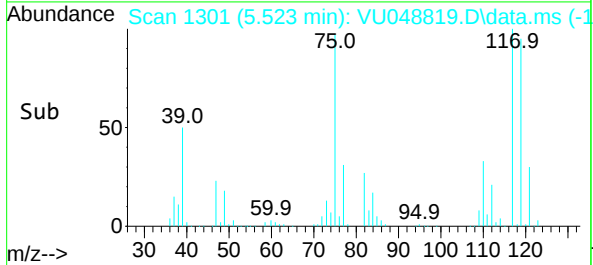
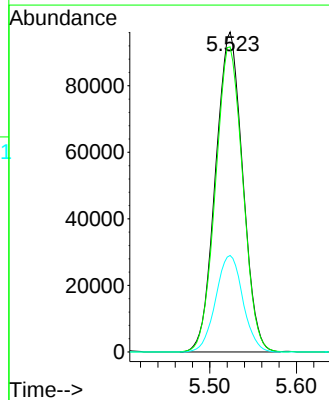
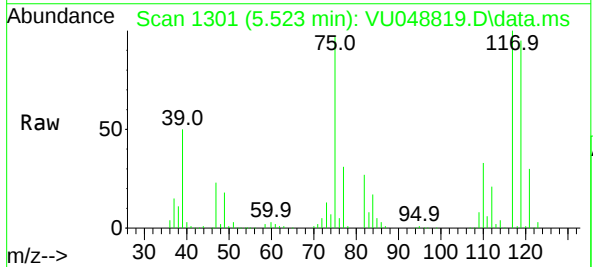
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

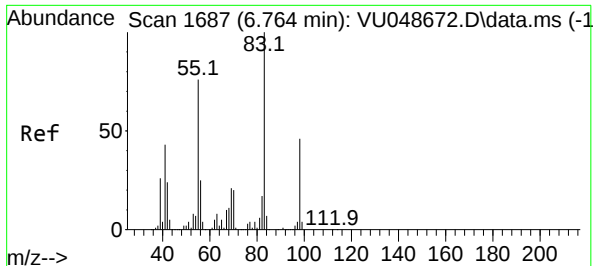
Tgt Ion: 43 Resp: 280341
Ion Ratio Lower Upper
43 100
61 14.9 11.7 17.5
70 11.1 8.4 12.6



#38
Carbon Tetrachloride
Concen: 44.478 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. -0.003 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion: 117 Resp: 209104
Ion Ratio Lower Upper
117 100
119 95.3 75.4 113.2
121 30.1 24.6 36.8





#39

Methylcyclohexane

Concen: 51.688 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

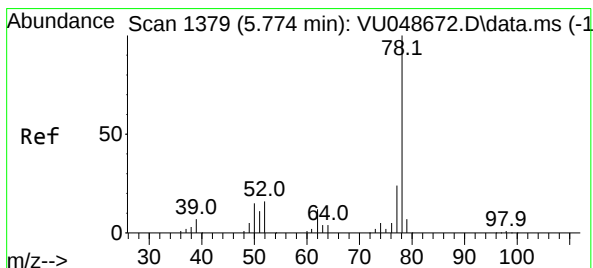
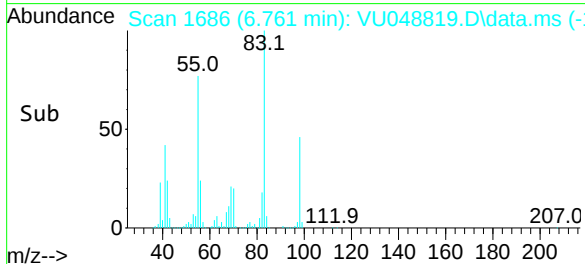
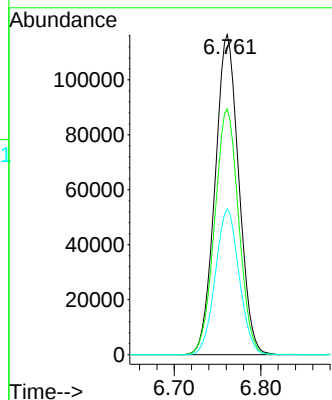
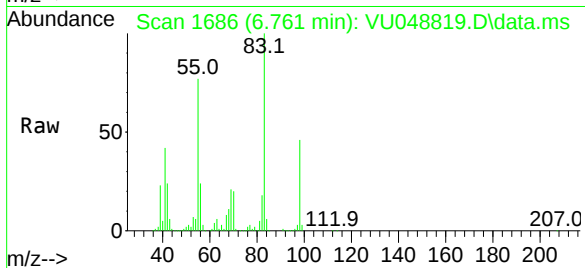
Tgt Ion: 83 Resp: 222088

Ion Ratio Lower Upper

83 100

55 76.8 61.0 91.6

98 45.6 36.8 55.2



#40

Benzene

Concen: 50.086 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. -0.003 min

Lab File: VU048819.D

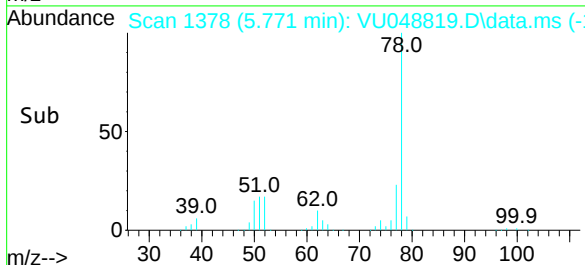
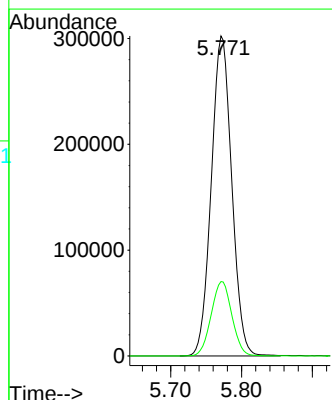
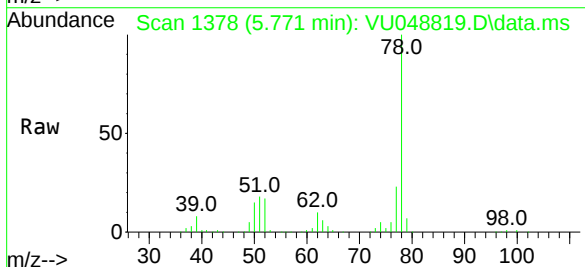
Acq: 02 Jun 2022 21:18

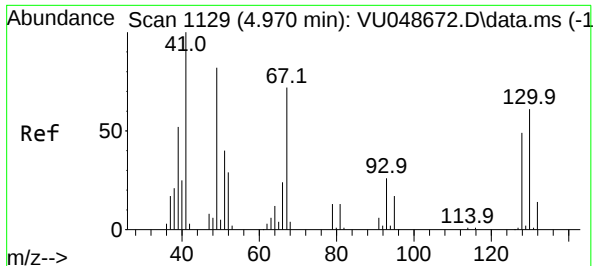
Tgt Ion: 78 Resp: 605933

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6



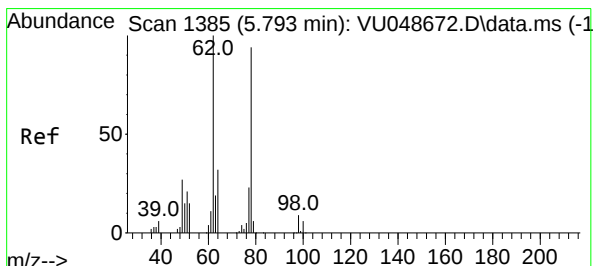
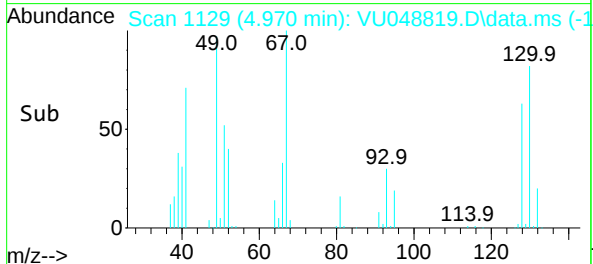
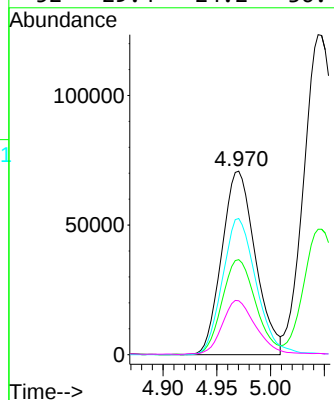
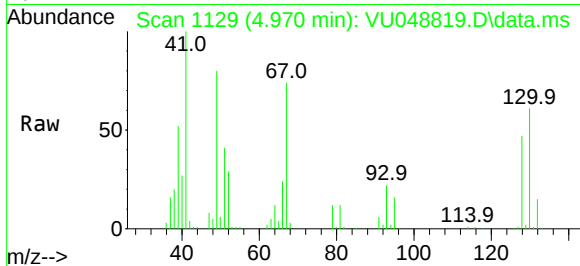


#41
Methacrylonitrile
Concen: 58.798 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 153924

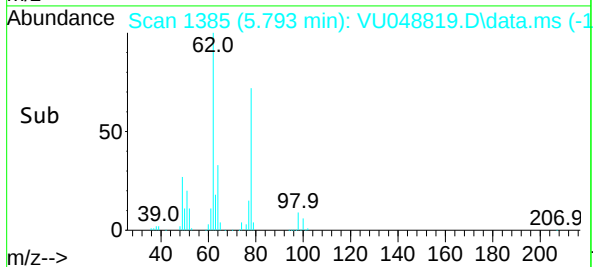
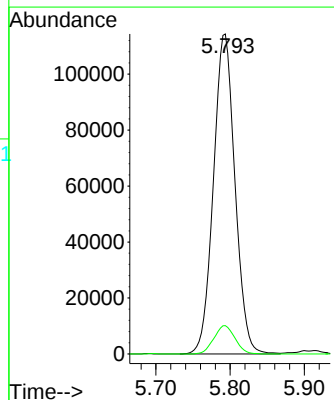
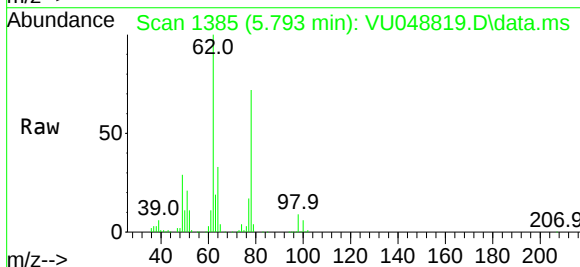
Ion	Ratio	Lower	Upper
41	100		
39	51.9	42.6	64.0
67	75.1	61.0	91.4
52	29.4	24.2	36.4

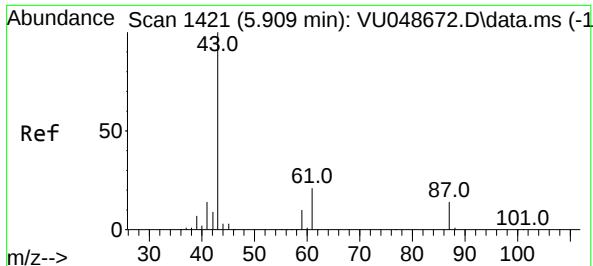


#42
1,2-Dichloroethane
Concen: 48.640 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion: 62 Resp: 230349

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

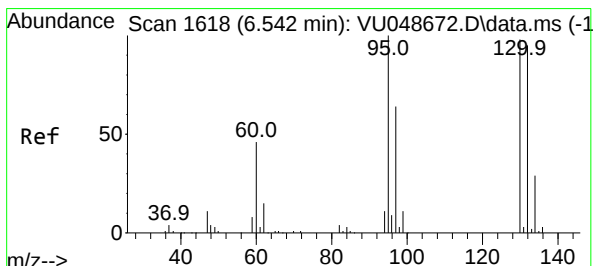
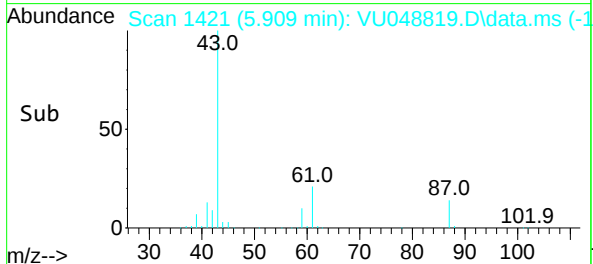
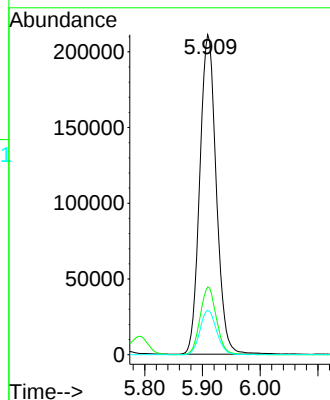
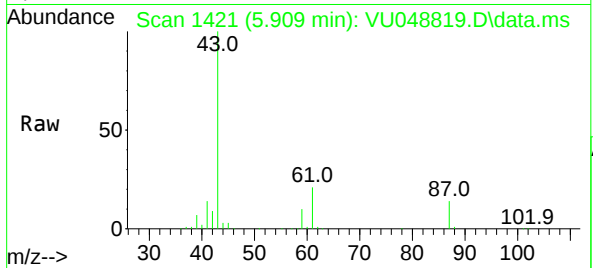




#43
Isopropyl Acetate
Concen: 55.711 ug/l
RT: 5.909 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

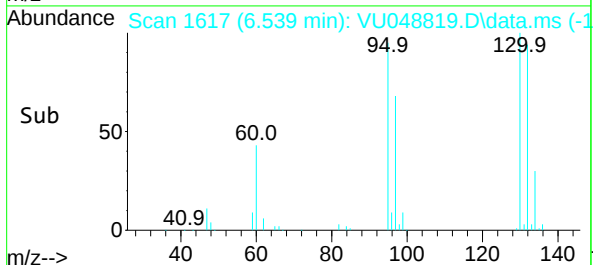
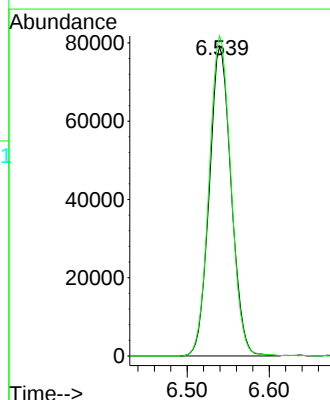
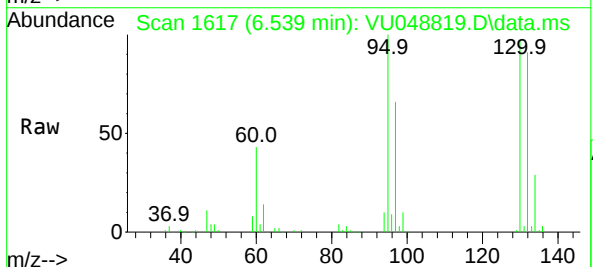
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

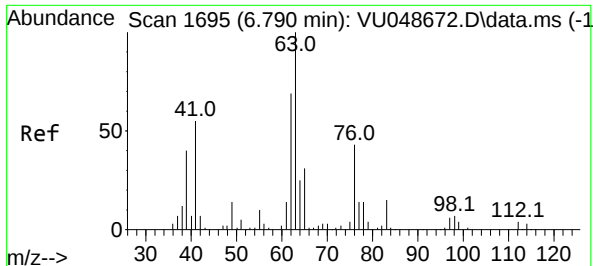
Tgt Ion: 43 Resp: 418885
Ion Ratio Lower Upper
43 100
61 21.0 16.7 25.1
87 14.0 10.9 16.3



#44
Trichloroethene
Concen: 46.945 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion:130 Resp: 146318
Ion Ratio Lower Upper
130 100
95 103.5 0.0 204.8





#45

1,2-Dichloropropane

Concen: 56.387 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

Instrument :

MSVOA_U

ClientSampleId :

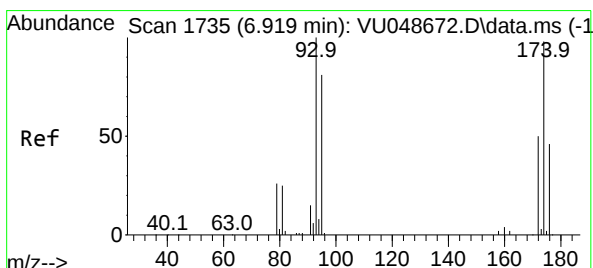
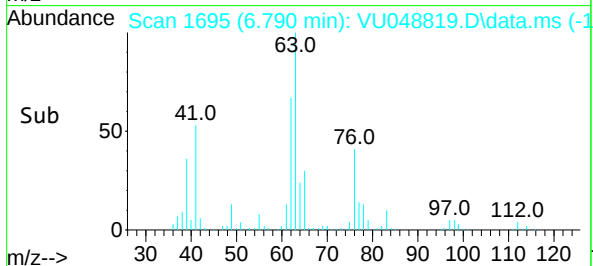
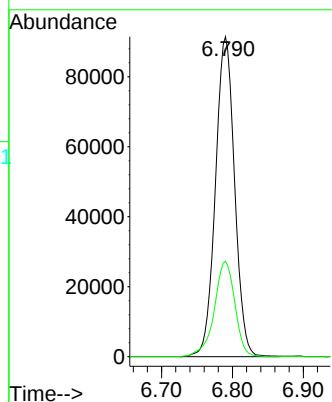
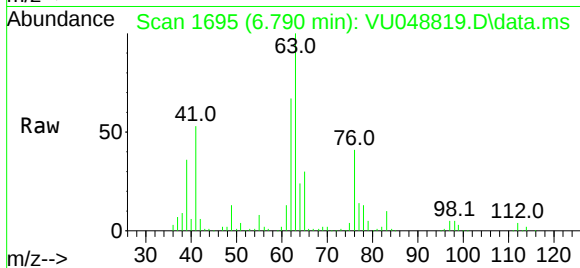
VSTDCCC050EC

Tgt Ion: 63 Resp: 171737

Ion Ratio Lower Upper

63 100

65 29.8 24.8 37.2



#46

Dibromomethane

Concen: 50.987 ug/l

RT: 6.916 min Scan# 1734

Delta R.T. -0.003 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

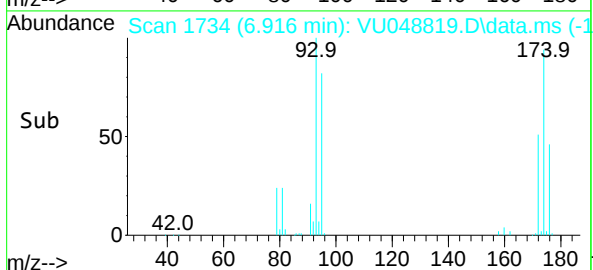
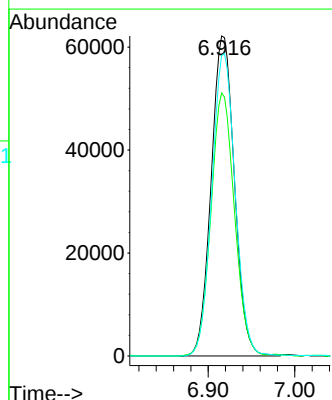
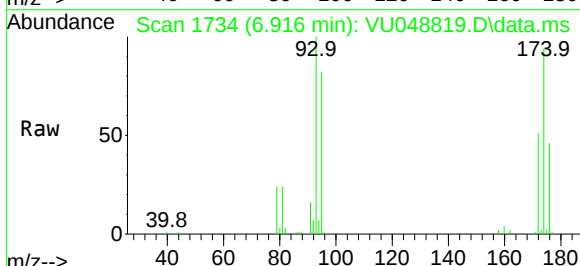
Tgt Ion: 93 Resp: 116020

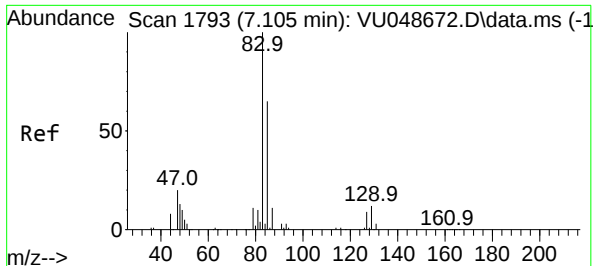
Ion Ratio Lower Upper

93 100

95 83.1 65.1 97.7

174 94.9 77.8 116.6





#47

Bromodichloromethane

Concen: 49.740 ug/l

RT: 7.105 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

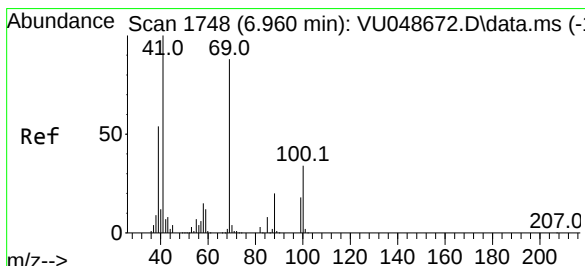
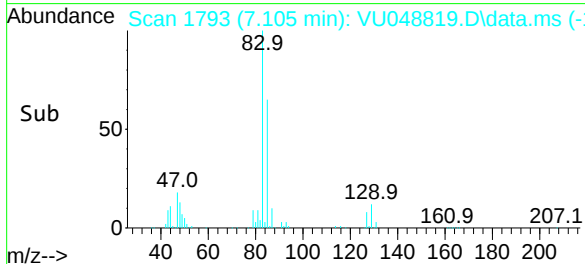
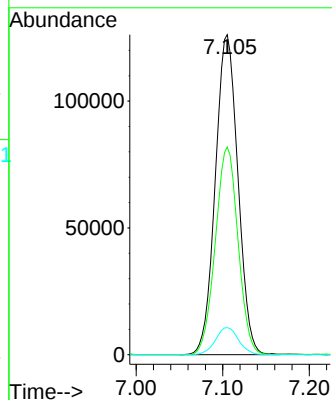
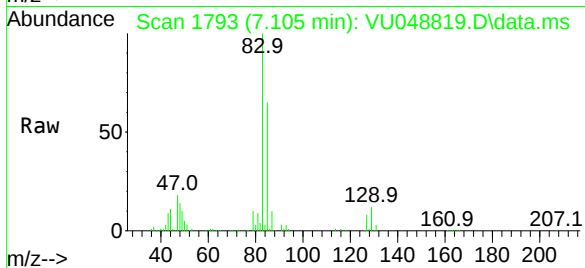
Tgt Ion: 83 Resp: 228885

Ion Ratio Lower Upper

83 100

85 64.9 52.1 78.1

127 8.4 6.9 10.3



#48

Methyl methacrylate

Concen: 60.410 ug/l

RT: 6.957 min Scan# 1747

Delta R.T. -0.003 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

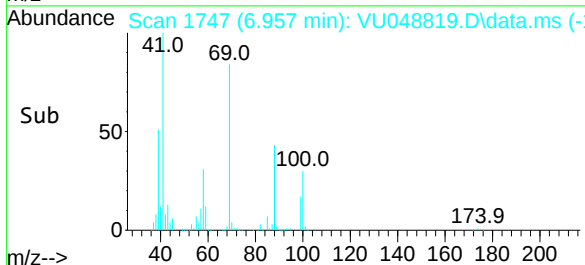
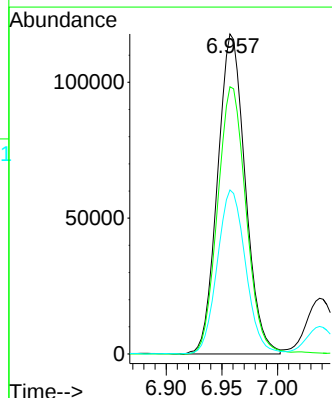
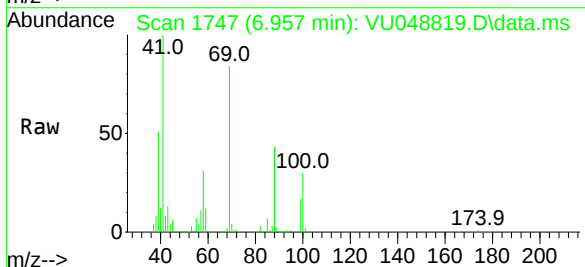
Tgt Ion: 41 Resp: 203906

Ion Ratio Lower Upper

41 100

69 85.6 70.7 106.1

39 52.4 43.4 65.2





#49

1,4-Dioxane

Concen: 1547.162 ug/l

RT: 6.964 min Scan# 11

Delta R.T. -0.010 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

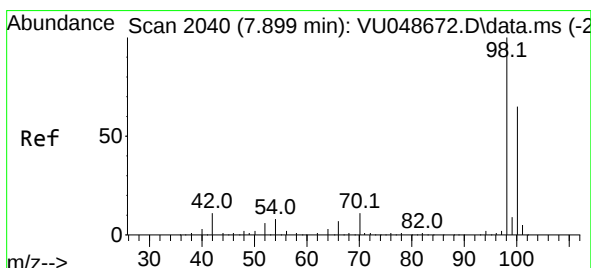
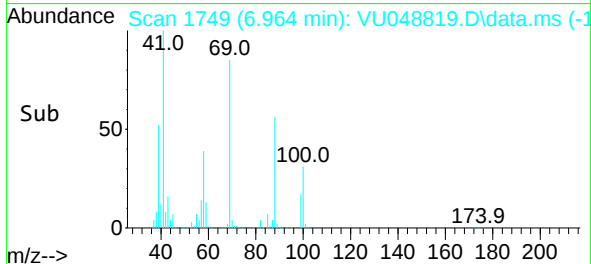
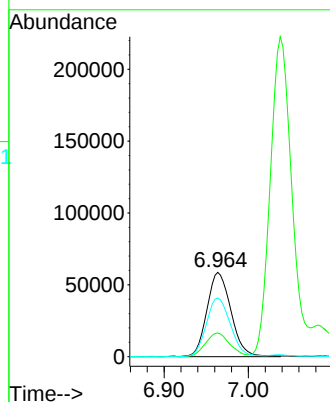
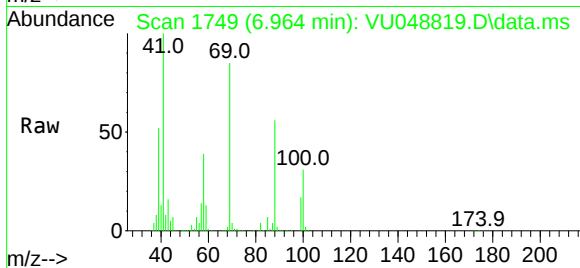
Tgt Ion: 88 Resp: 116741

Ion Ratio Lower Upper

88 100

43 28.0 24.6 36.8

58 69.8 54.7 82.1



#50

Toluene-d8

Concen: 50.926 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. -0.003 min

Lab File: VU048819.D

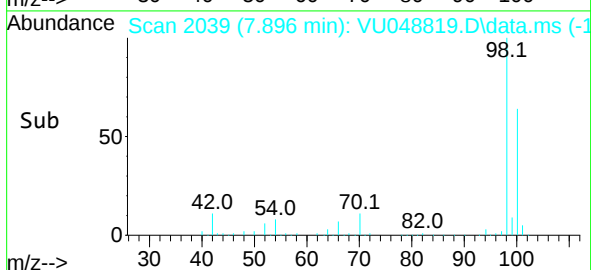
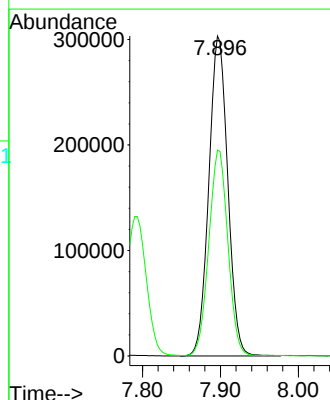
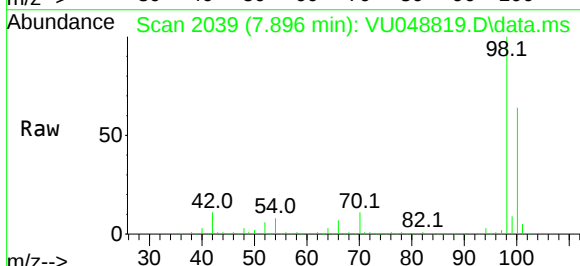
Acq: 02 Jun 2022 21:18

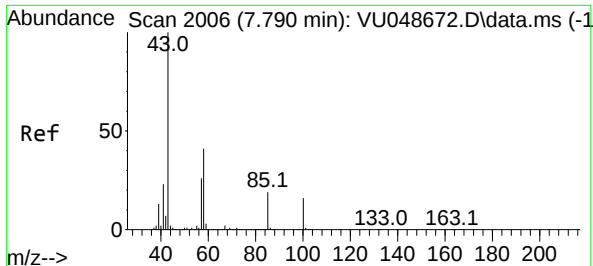
Tgt Ion: 98 Resp: 512553

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 325.424 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

Instrument :

MSVOA_U

ClientSampleId :

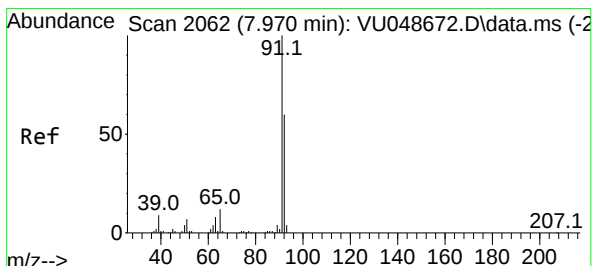
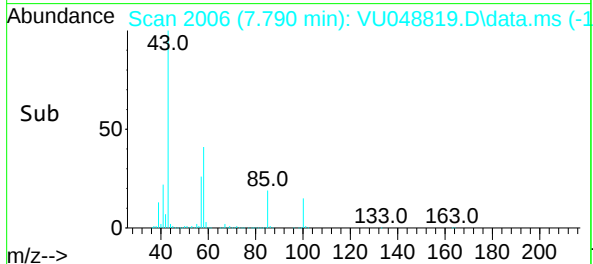
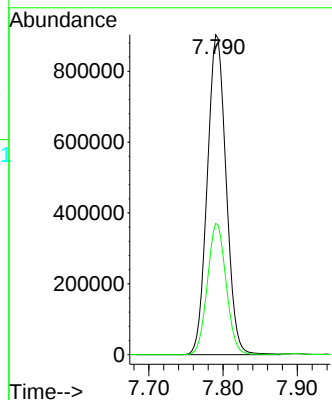
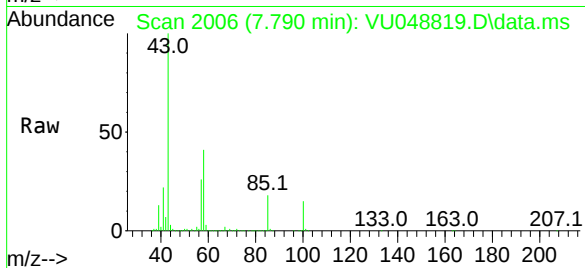
VSTDCCC050EC

Tgt Ion: 43 Resp: 1588781

Ion Ratio Lower Upper

43 100

58 40.8 32.7 49.1



#52

Toluene

Concen: 52.009 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU048819.D

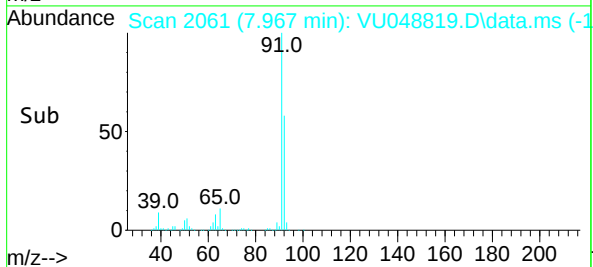
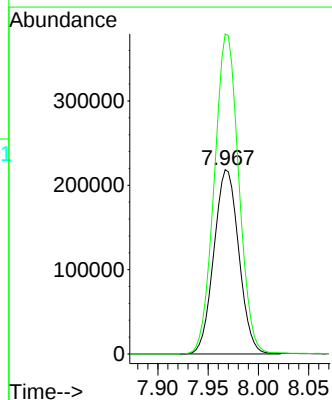
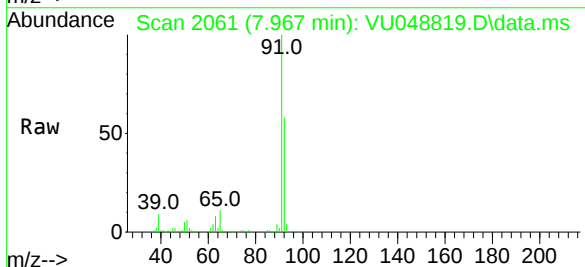
Acq: 02 Jun 2022 21:18

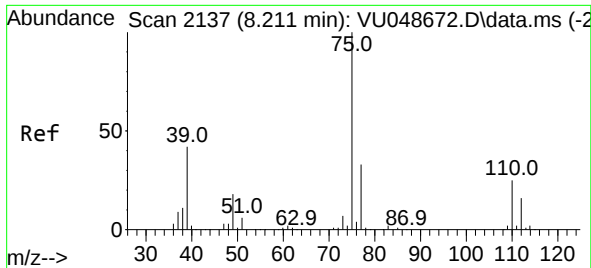
Tgt Ion: 92 Resp: 376360

Ion Ratio Lower Upper

92 100

91 171.3 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 49.573 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

Instrument :

MSVOA_U

ClientSampleId :

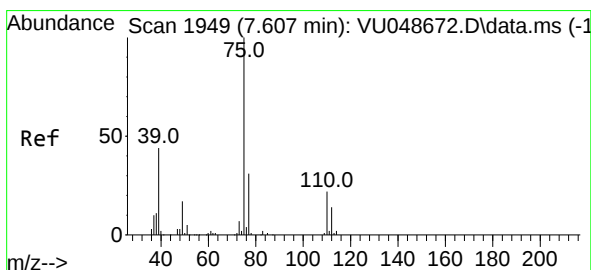
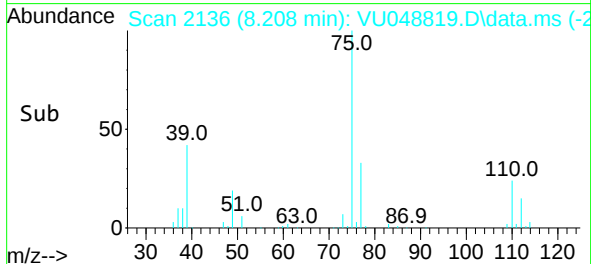
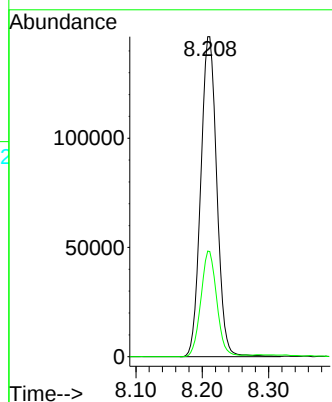
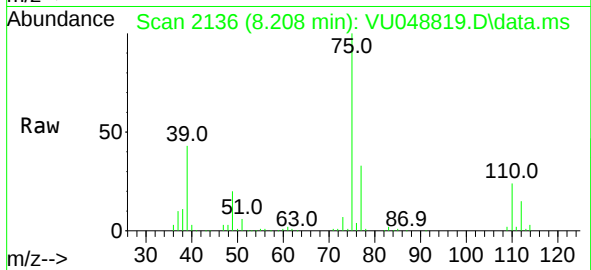
VSTDCCC050EC

Tgt Ion: 75 Resp: 246073

Ion Ratio Lower Upper

75 100

77 33.0 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 50.872 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

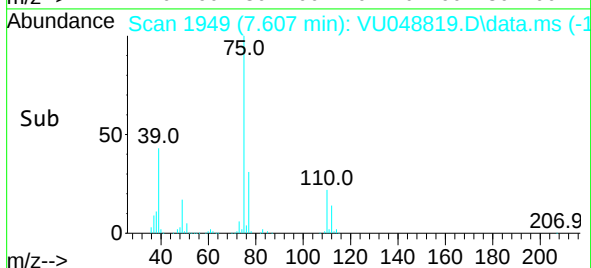
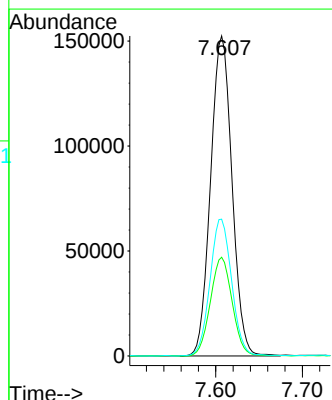
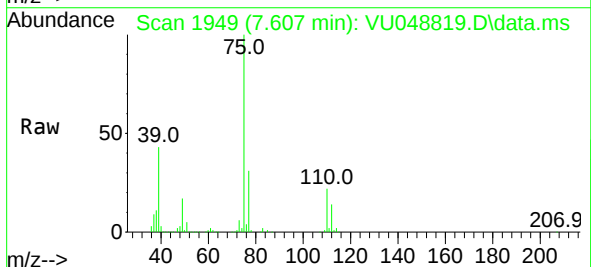
Tgt Ion: 75 Resp: 261674

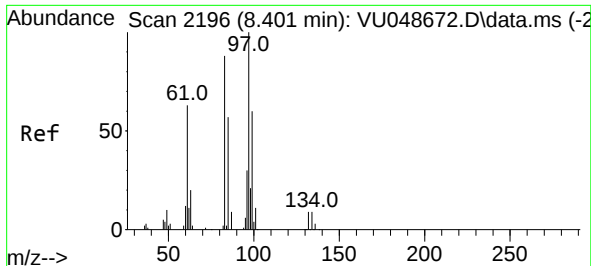
Ion Ratio Lower Upper

75 100

77 30.9 24.9 37.3

39 42.7 35.2 52.8



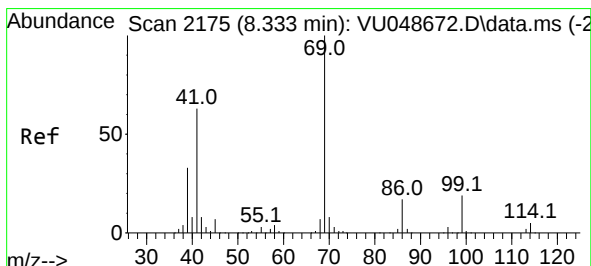
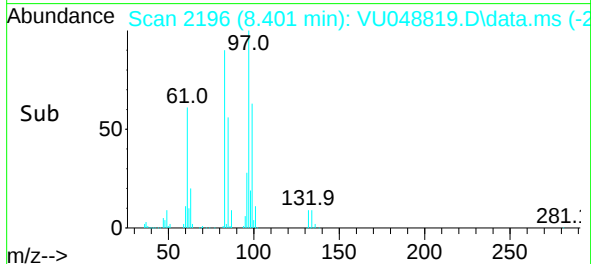
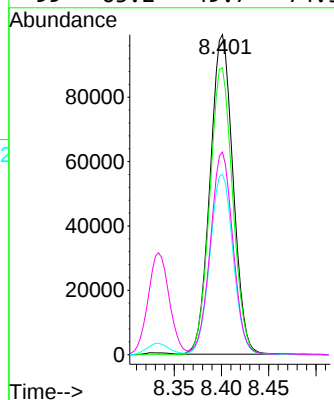
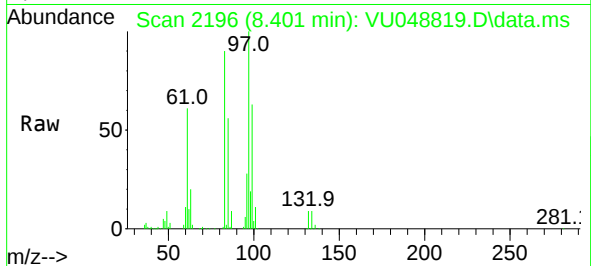


#55
1,1,2-Trichloroethane
Concen: 52.492 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 167642

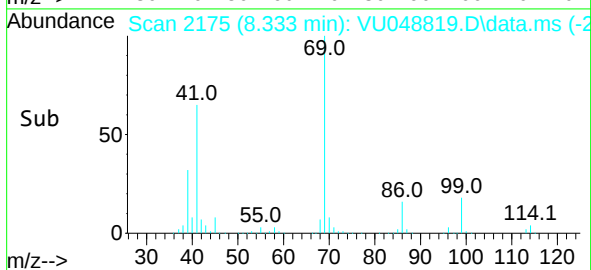
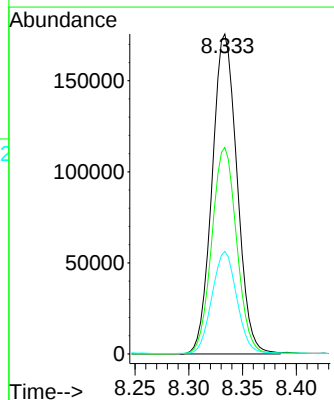
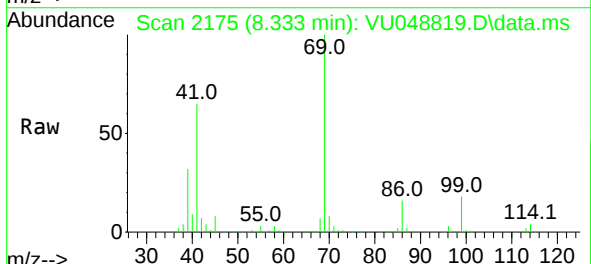
Ion	Ratio	Lower	Upper
97	100		
83	89.7	70.2	105.4
85	56.5	45.6	68.4
99	63.2	49.7	74.5

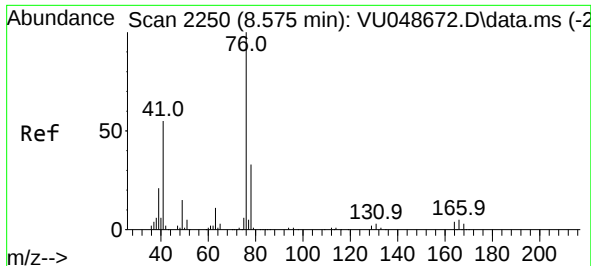


#56
Ethyl methacrylate
Concen: 55.839 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion: 69 Resp: 283428

Ion	Ratio	Lower	Upper
69	100		
41	64.5	50.6	76.0
39	31.8	26.6	40.0





#57

1,3-Dichloropropane

Concen: 53.622 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

Instrument :

MSVOA_U

ClientSampleId :

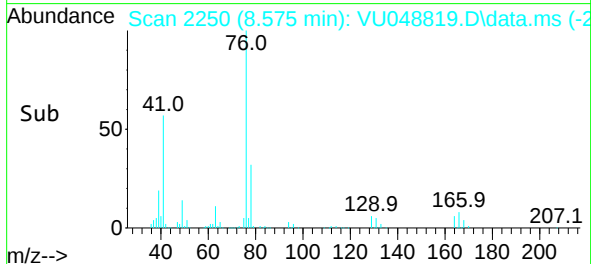
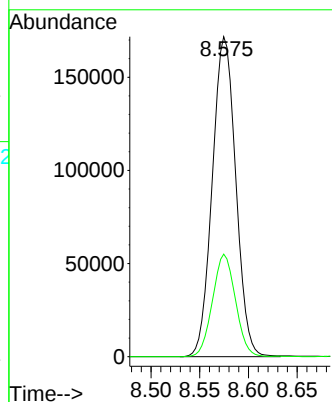
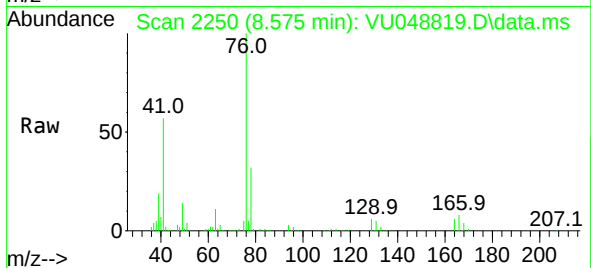
VSTDCCC050EC

Tgt Ion: 76 Resp: 288225

Ion Ratio Lower Upper

76 100

78 31.3 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 234.447 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VU048819.D

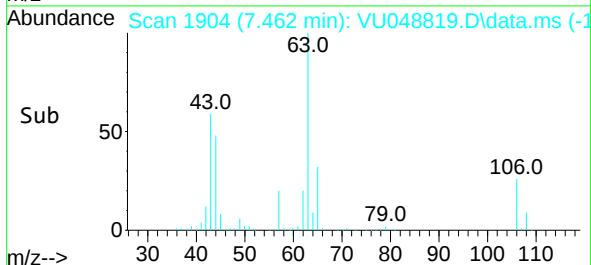
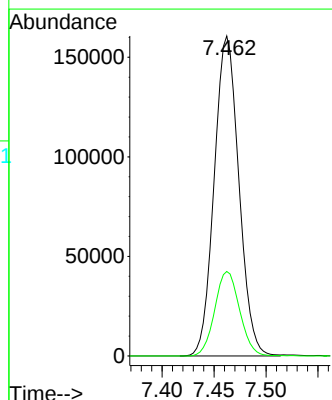
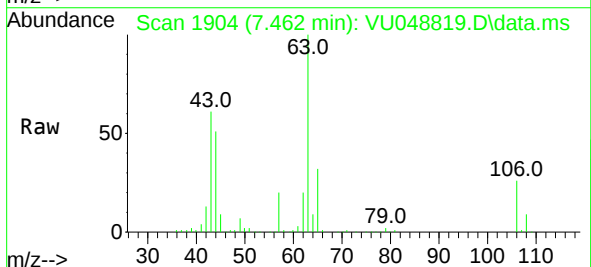
Acq: 02 Jun 2022 21:18

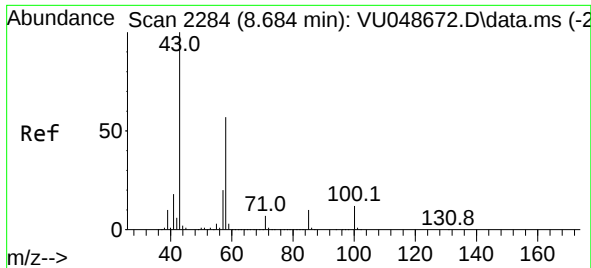
Tgt Ion: 63 Resp: 265129

Ion Ratio Lower Upper

63 100

106 26.6 22.2 33.2

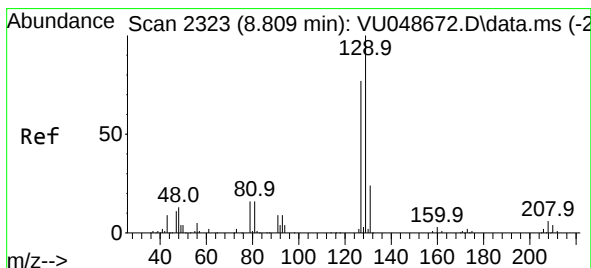
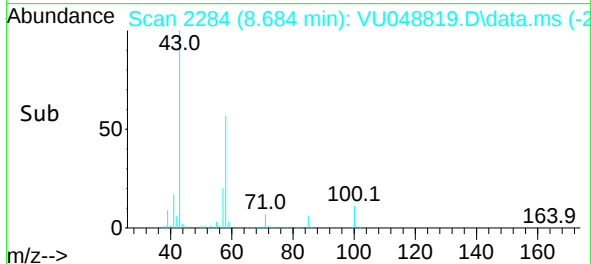
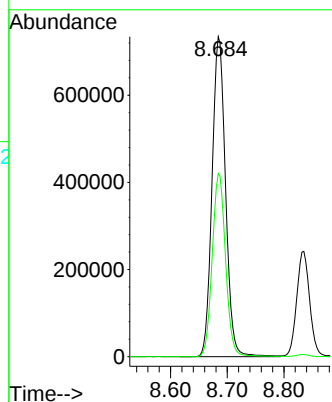
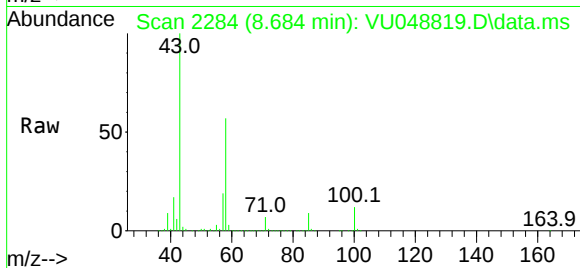




#59
2-Hexanone
Concen: 302.604 ug/l
RT: 8.684 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

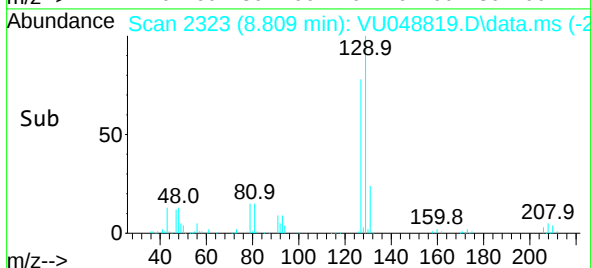
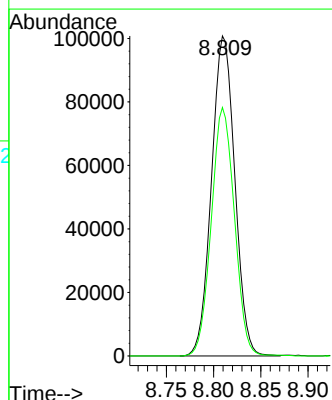
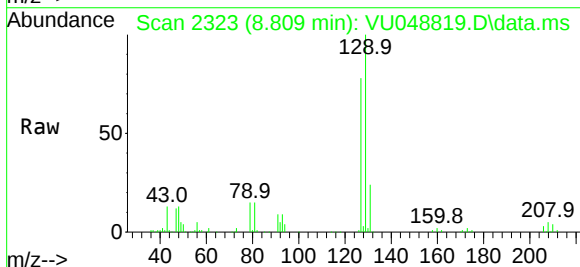
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

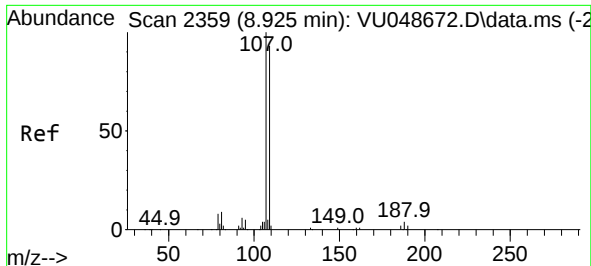
Tgt Ion: 43 Resp: 1212876
Ion Ratio Lower Upper
43 100
58 56.8 28.2 84.6



#60
Dibromochloromethane
Concen: 48.330 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion: 129 Resp: 173020
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3

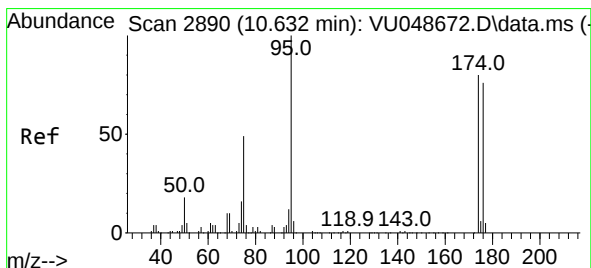
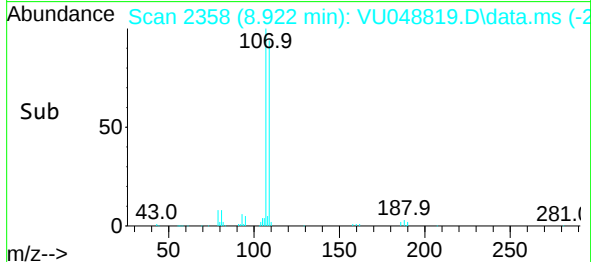
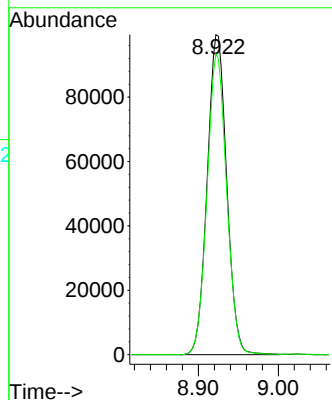
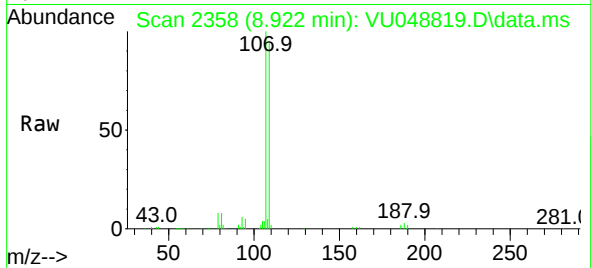




#61
1,2-Dibromoethane
Concen: 47.892 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

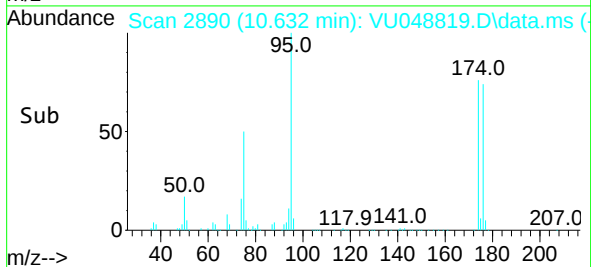
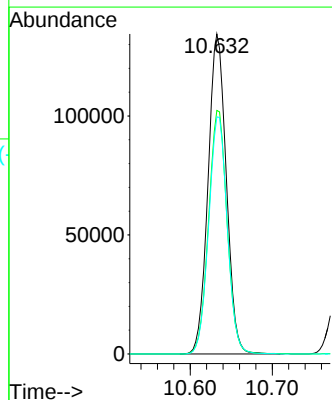
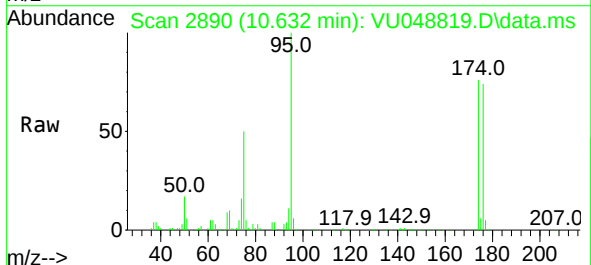
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

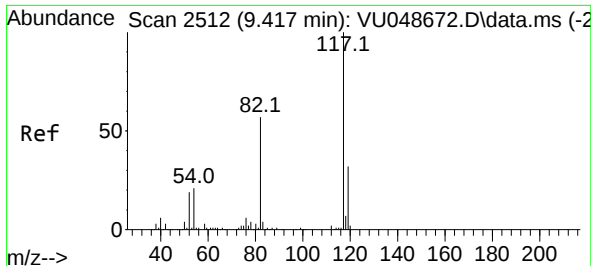
Tgt Ion:107 Resp: 168446
Ion Ratio Lower Upper
107 100
109 94.4 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 54.543 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion: 95 Resp: 207611
Ion Ratio Lower Upper
95 100
174 77.3 0.0 159.4
176 75.3 0.0 152.4

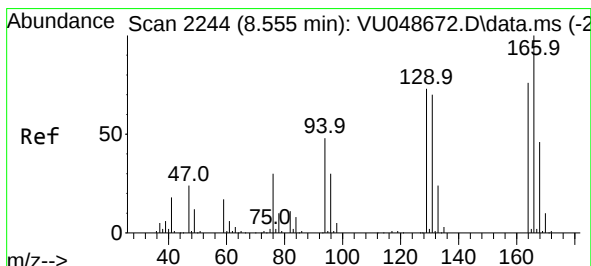
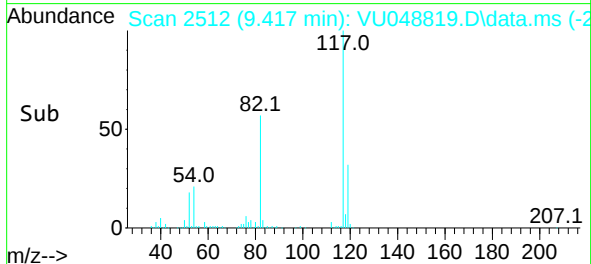
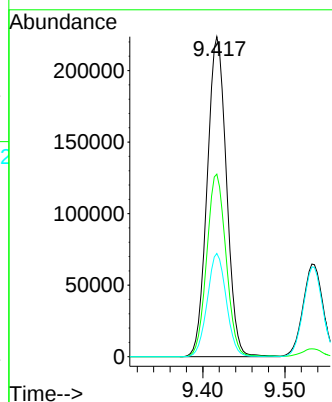
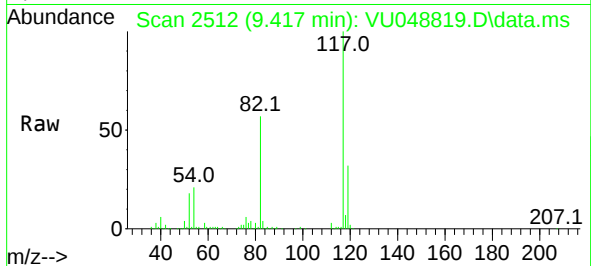




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

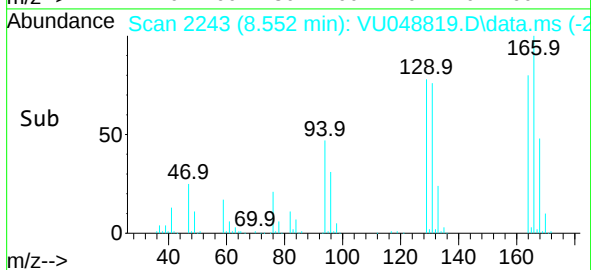
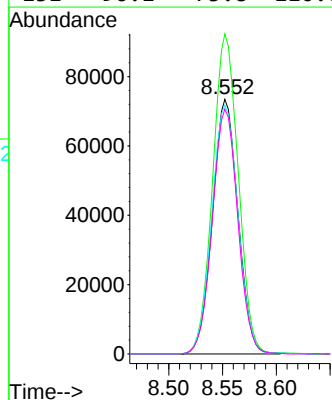
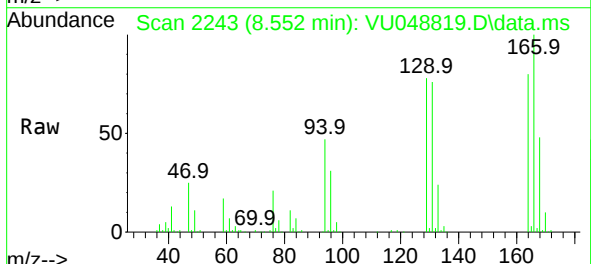
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

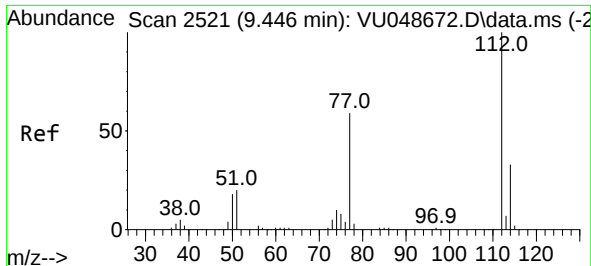
Tgt Ion:117 Resp: 365778
Ion Ratio Lower Upper
117 100
82 57.1 45.3 67.9
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 47.590 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion:164 Resp: 121014
Ion Ratio Lower Upper
164 100
166 125.7 105.0 157.4
129 97.6 76.5 114.7
131 96.1 73.8 110.6

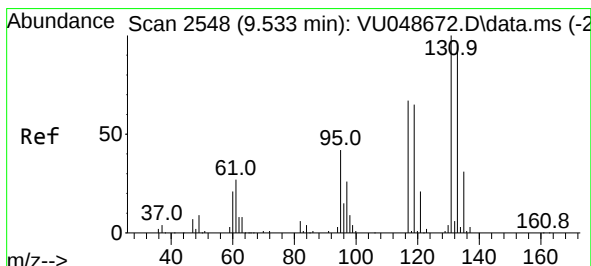
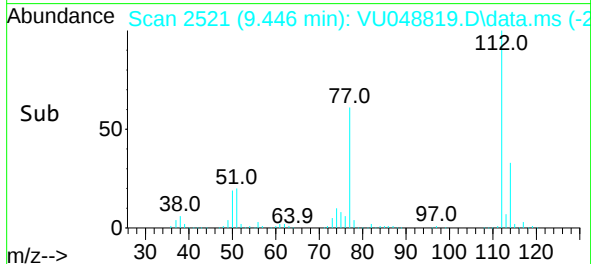
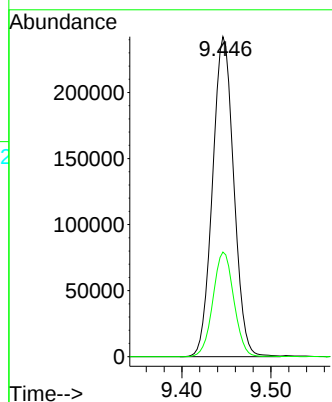
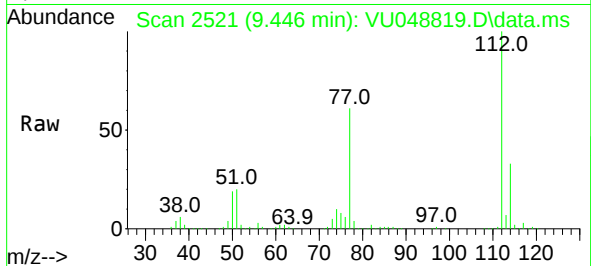




#65
Chlorobenzene
Concen: 51.870 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

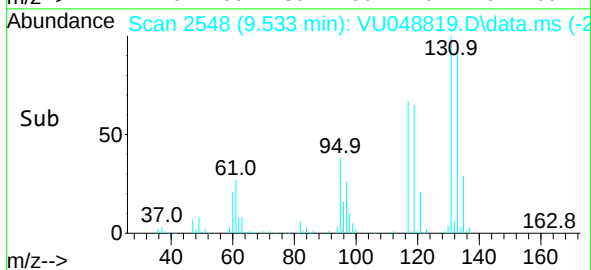
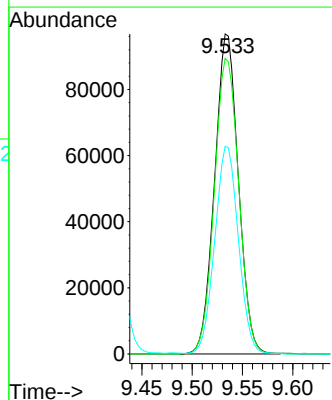
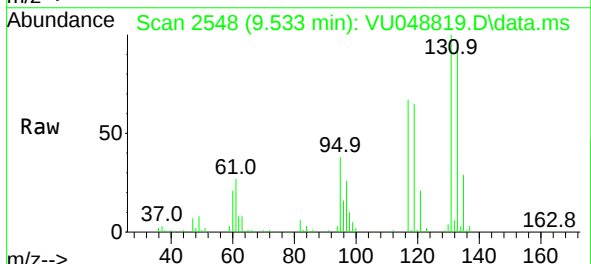
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

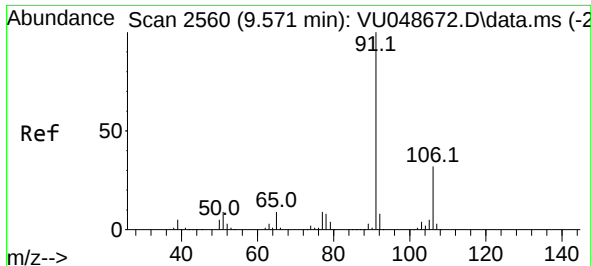
Tgt Ion:112 Resp: 401275
Ion Ratio Lower Upper
112 100
114 32.7 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.122 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. 0.000 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion:131 Resp: 158928
Ion Ratio Lower Upper
131 100
133 94.9 48.5 145.5
119 64.9 32.7 98.1





#67

Ethyl Benzene

Concen: 55.265 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

Instrument :

MSVOA_U

ClientSampleId :

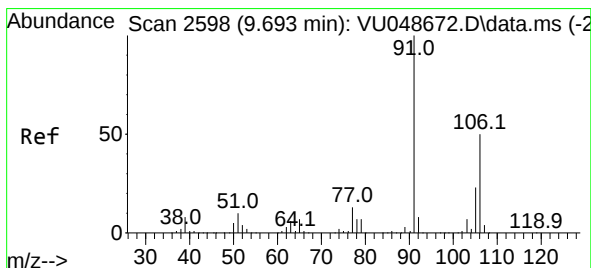
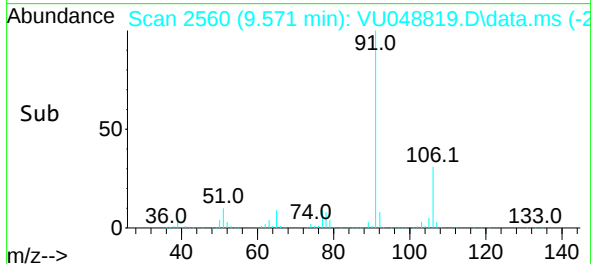
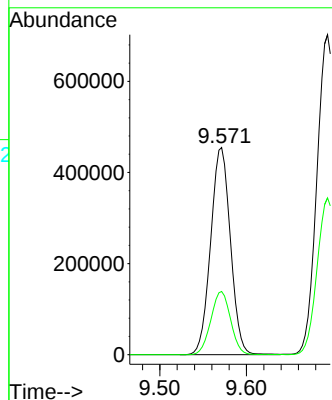
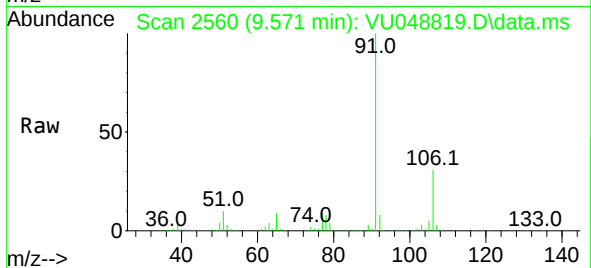
VSTDCCC050EC

Tgt Ion: 91 Resp: 721101

Ion Ratio Lower Upper

91 100

106 30.5 25.4 38.2



#68

m/p-Xylenes

Concen: 109.126 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU048819.D

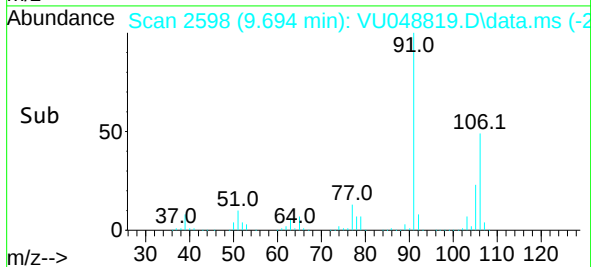
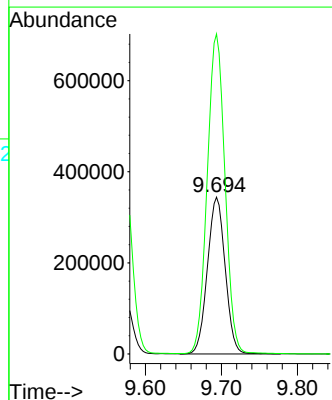
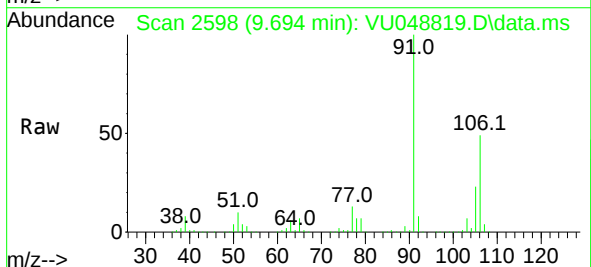
Acq: 02 Jun 2022 21:18

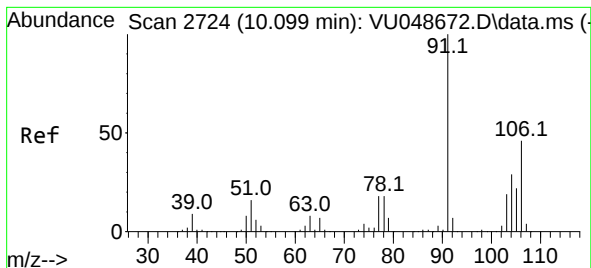
Tgt Ion: 106 Resp: 556891

Ion Ratio Lower Upper

106 100

91 204.6 162.4 243.6





#69

o-Xylene

Concen: 56.593 ug/l

RT: 10.099 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

Instrument :

MSVOA_U

ClientSampleId :

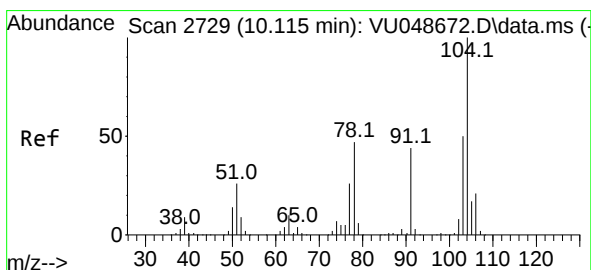
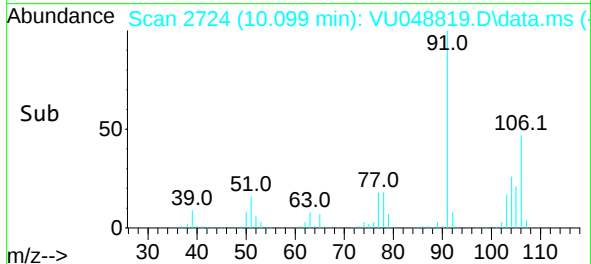
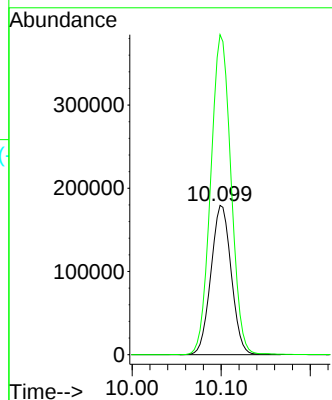
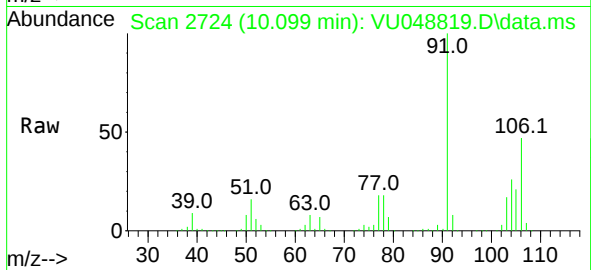
VSTDCCC050EC

Tgt Ion:106 Resp: 283739

Ion Ratio Lower Upper

106 100

91 214.7 107.7 323.3



#70

Styrene

Concen: 57.869 ug/l

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

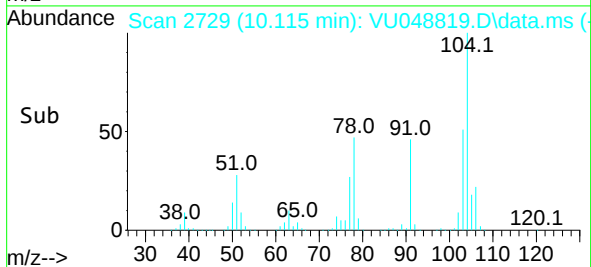
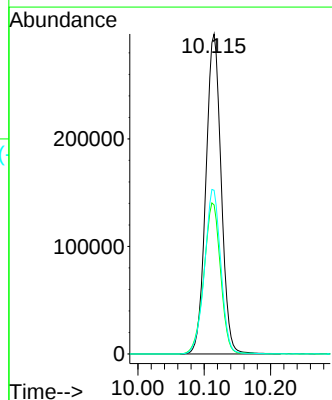
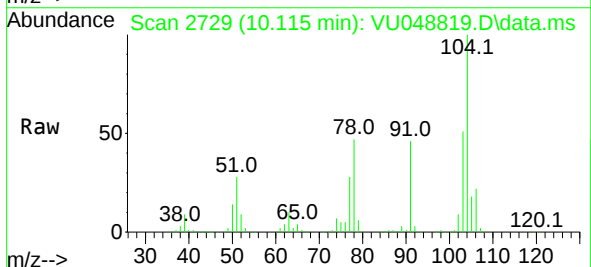
Tgt Ion:104 Resp: 477230

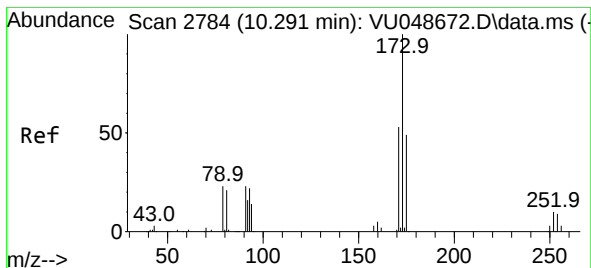
Ion Ratio Lower Upper

104 100

78 51.3 41.2 61.8

103 54.5 43.4 65.2





#71

Bromoform

Concen: 56.453 ug/l

RT: 10.292 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

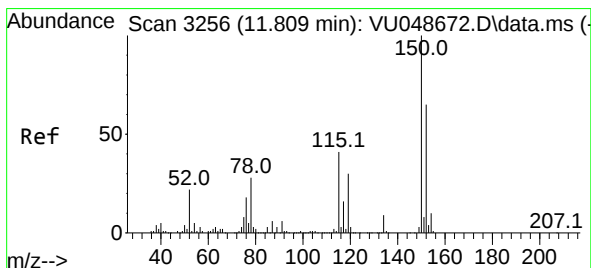
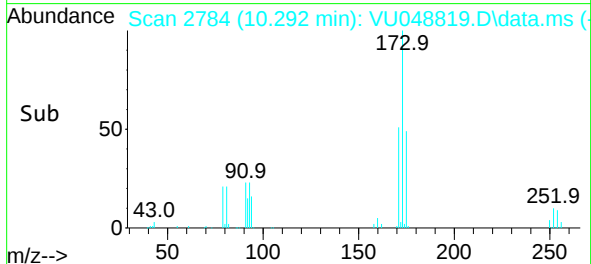
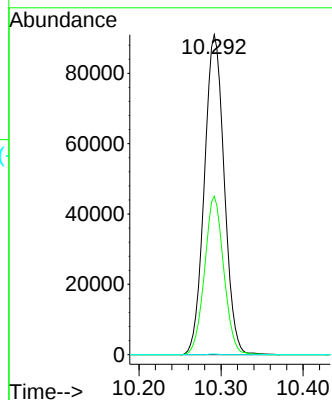
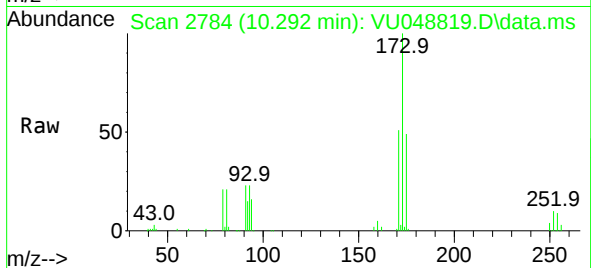
Tgt Ion:173 Resp: 153272

Ion Ratio Lower Upper

173 100

175 47.8 24.5 73.5

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.003 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

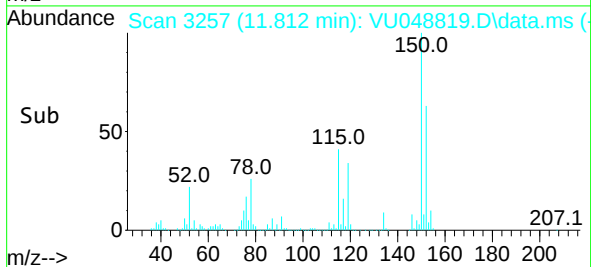
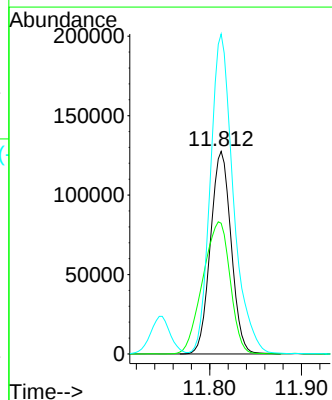
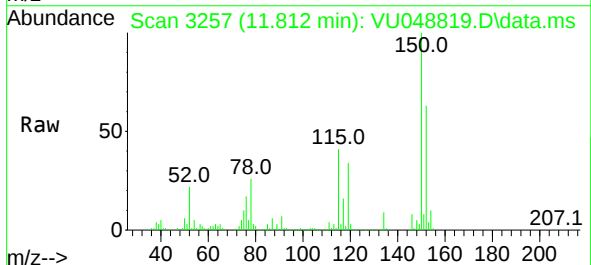
Tgt Ion:152 Resp: 199464

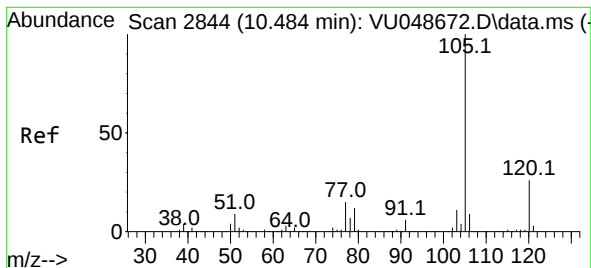
Ion Ratio Lower Upper

152 100

115 86.4 41.8 125.4

150 175.2 0.0 341.0





#73

Isopropylbenzene

Concen: 57.802 ug/l

RT: 10.485 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

Instrument :

MSVOA_U

ClientSampleId :

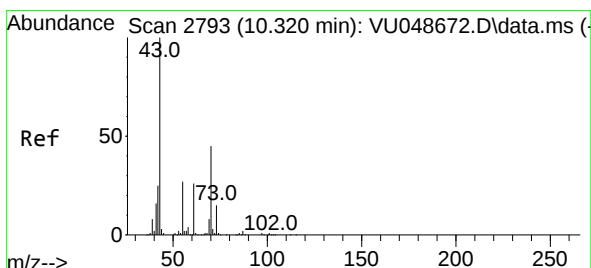
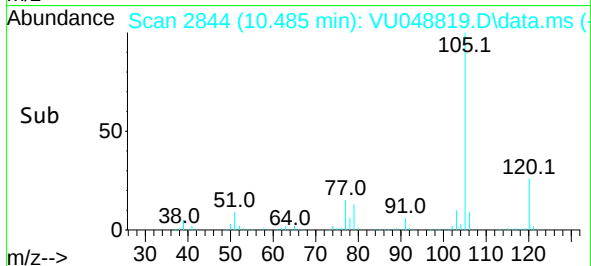
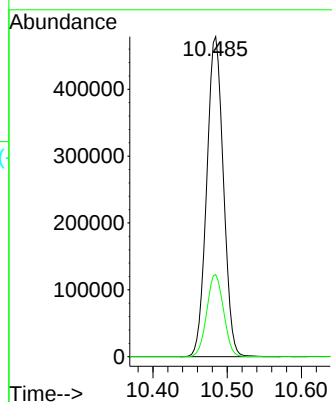
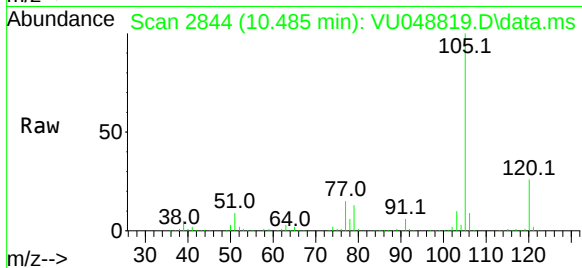
VSTDCCC050EC

Tgt Ion:105 Resp: 744333

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.6



#74

N-ethyl acetate

Concen: 59.457 ug/l

RT: 10.321 min Scan# 2793

Delta R.T. 0.001 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

Tgt Ion: 43 Resp: 390822

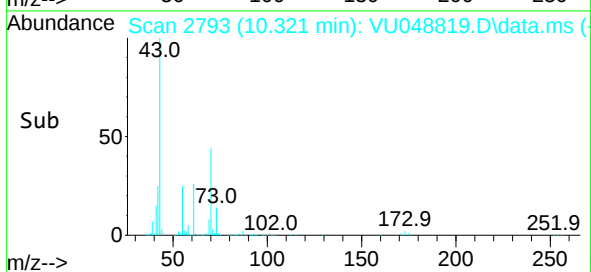
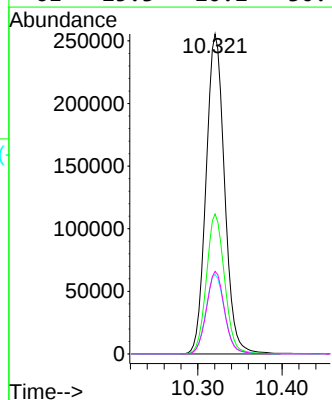
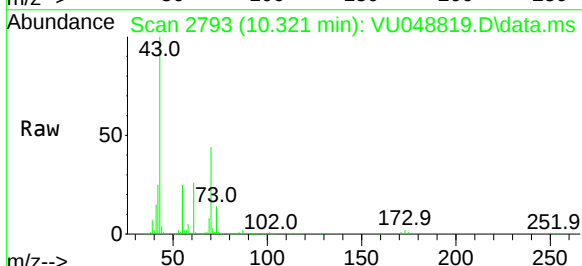
Ion Ratio Lower Upper

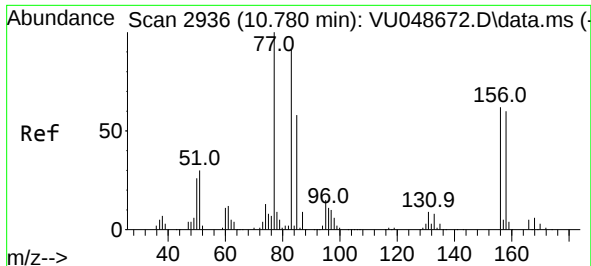
43 100

70 43.1 35.8 53.6

55 25.2 21.1 31.7

61 25.3 20.2 30.4

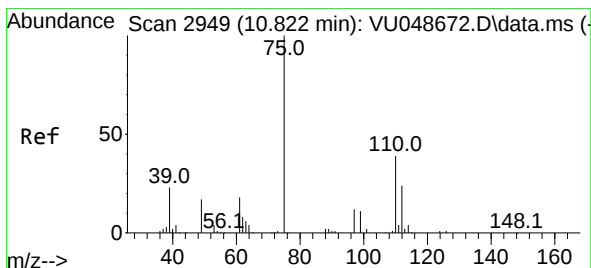
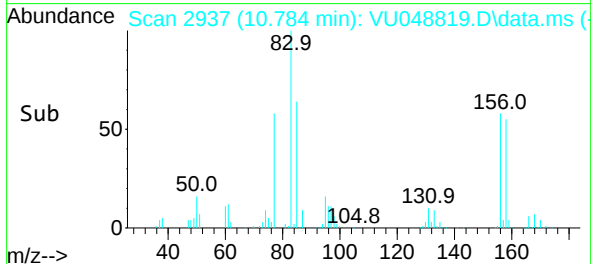
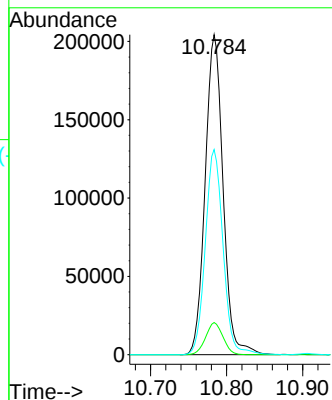
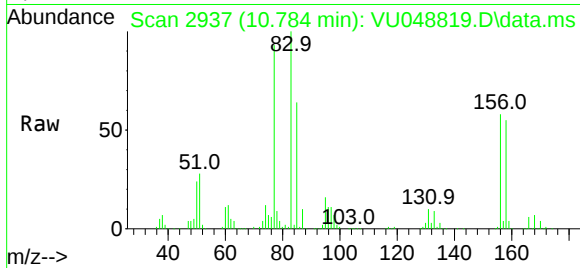




#75
1,1,2,2-Tetrachloroethane
Concen: 63.558 ug/l
RT: 10.784 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

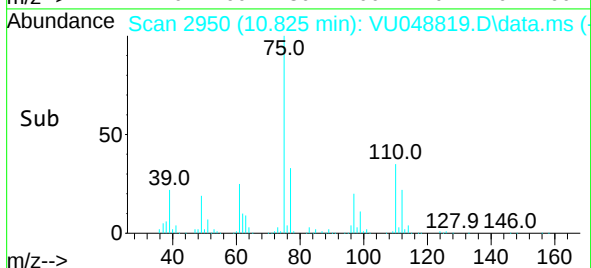
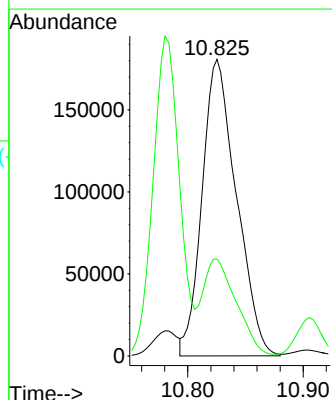
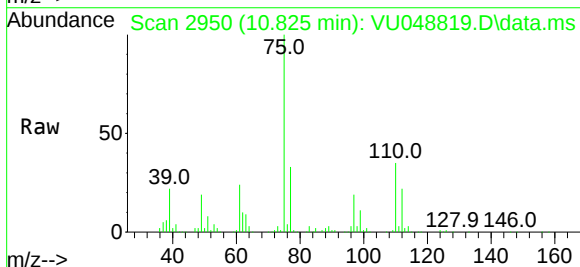
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

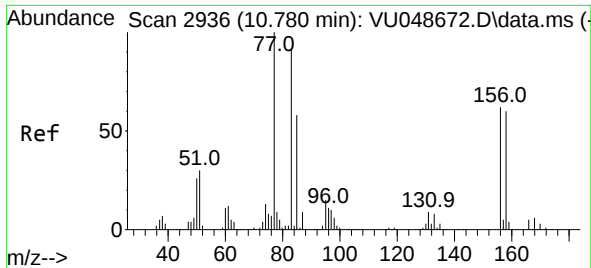
Tgt Ion: 83 Resp: 334000
Ion Ratio Lower Upper
83 100
131 9.7 5.2 15.6
85 63.7 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 58.016 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion: 75 Resp: 373114
Ion Ratio Lower Upper
75 100
77 32.1 14.8 44.3

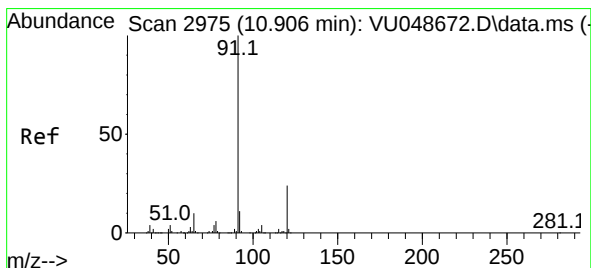
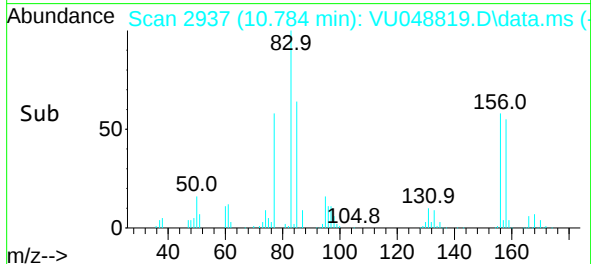
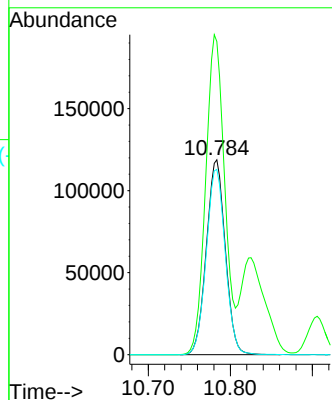
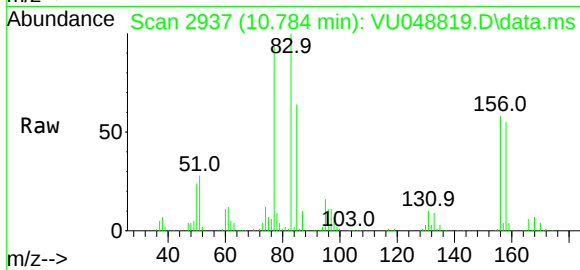




#77
Bromobenzene
Concen: 54.918 ug/l
RT: 10.784 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

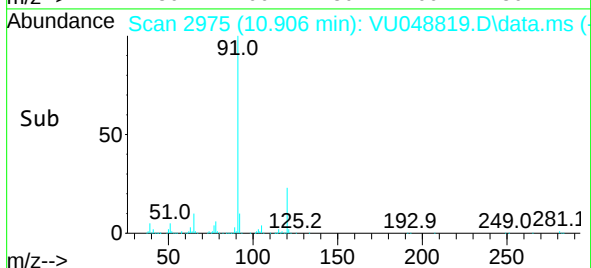
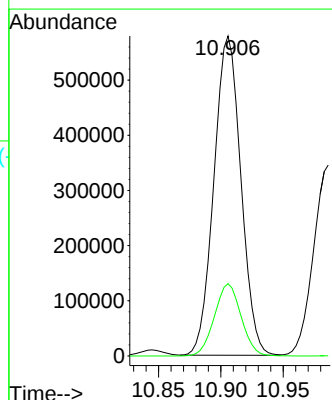
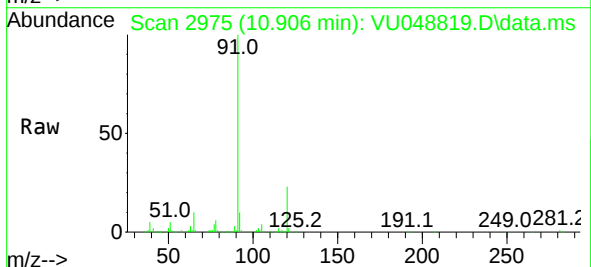
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

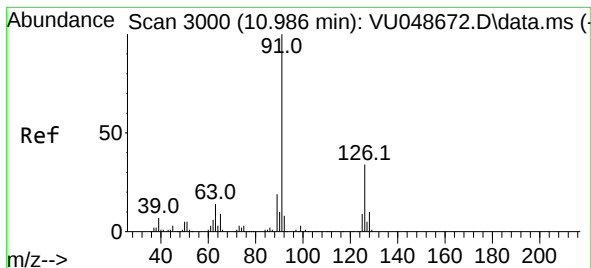
Tgt Ion:156 Resp: 189926
Ion Ratio Lower Upper
156 100
77 163.9 81.1 243.3
158 95.8 48.8 146.4



#78
n-propylbenzene
Concen: 56.839 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion: 91 Resp: 872165
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.7





#79

2-Chlorotoluene

Concen: 57.043 ug/l

RT: 10.986 min Scan# 3000

Delta R.T. 0.000 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

Instrument :

MSVOA_U

ClientSampleId :

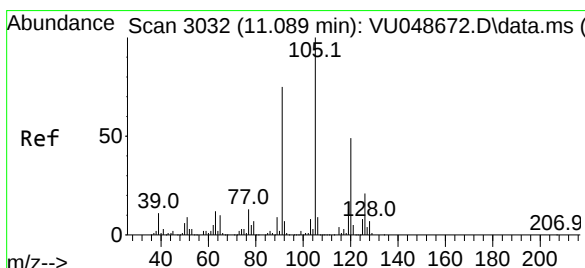
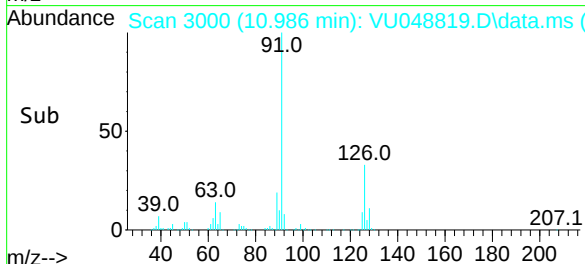
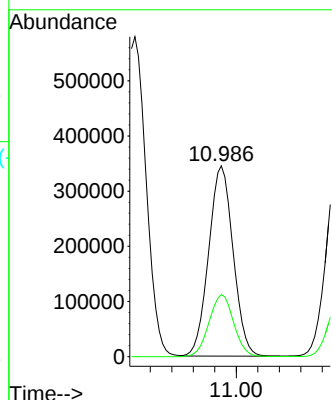
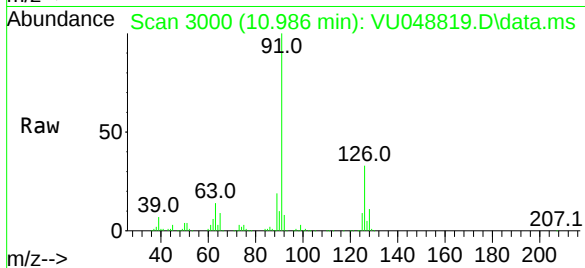
VSTDCCC050EC

Tgt Ion: 91 Resp: 544318

Ion Ratio Lower Upper

91 100

126 32.9 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 58.883 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU048819.D

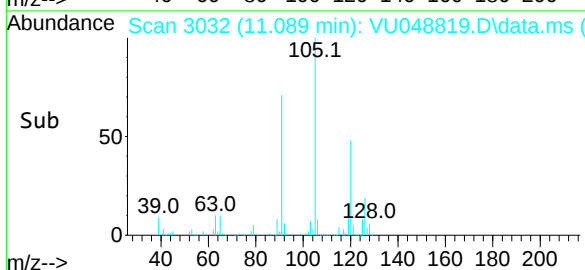
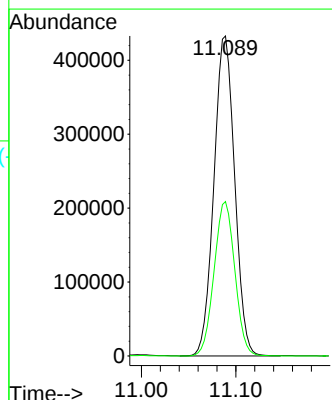
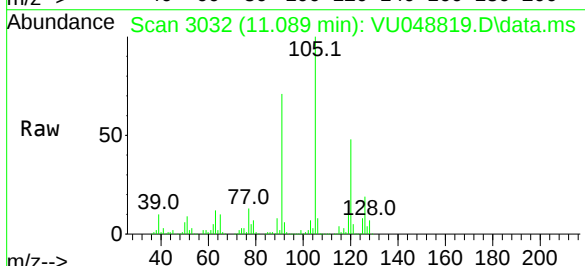
Acq: 02 Jun 2022 21:18

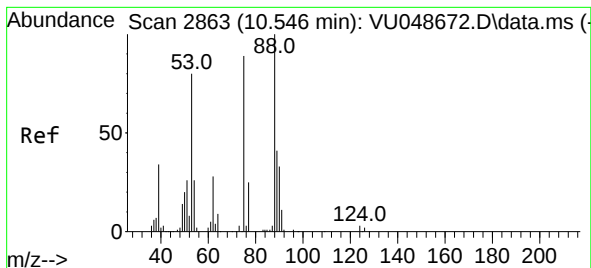
Tgt Ion: 105 Resp: 659404

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.3

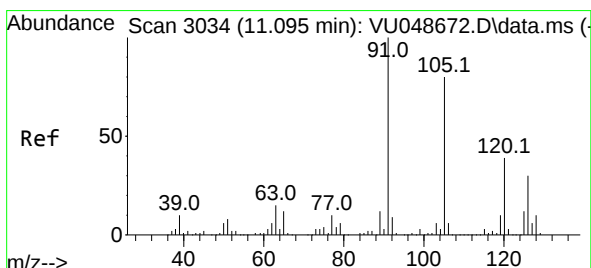
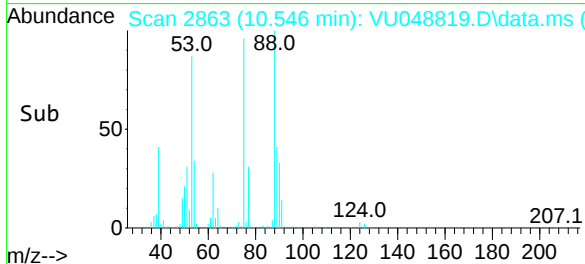
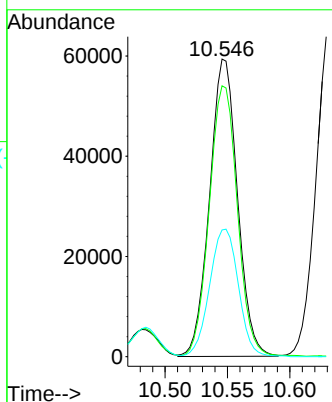
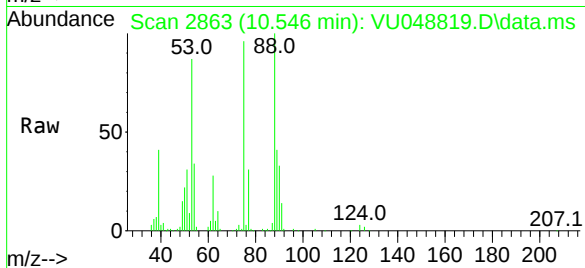




#81
trans-1,4-Dichloro-2-butene
Concen: 52.218 ug/l
RT: 10.546 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

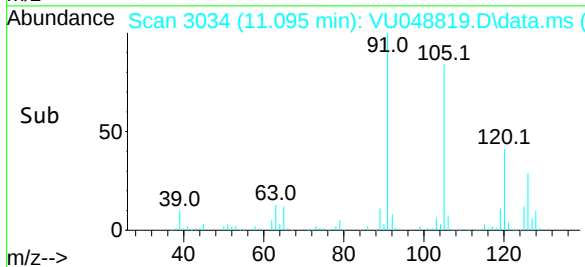
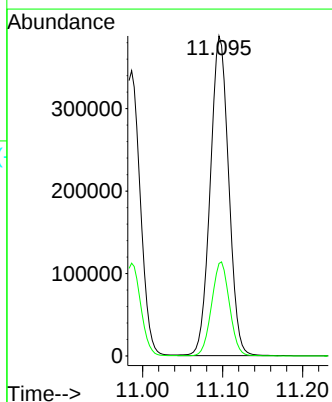
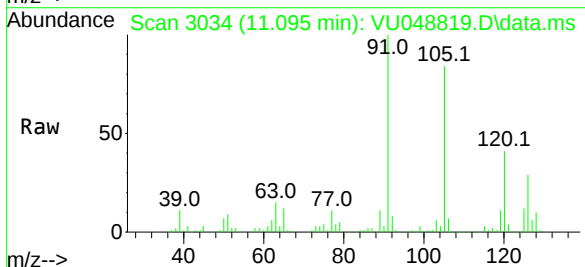
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

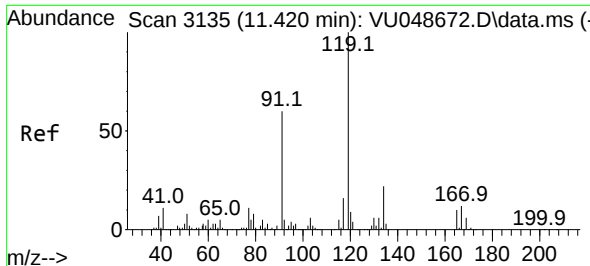
Tgt Ion: 75 Resp: 92491
Ion Ratio Lower Upper
75 100
53 91.7 72.5 108.7
89 44.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 56.286 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion: 91 Resp: 619693
Ion Ratio Lower Upper
91 100
126 28.6 14.4 43.2

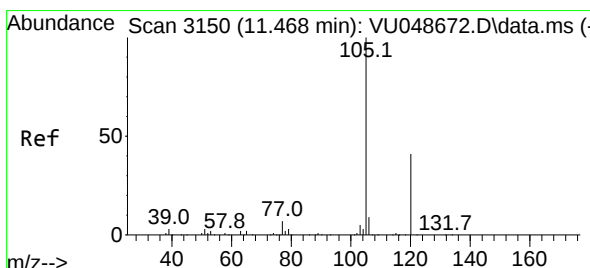
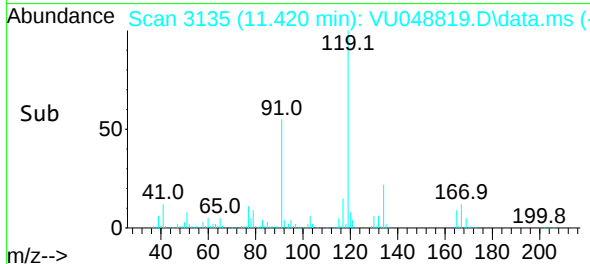
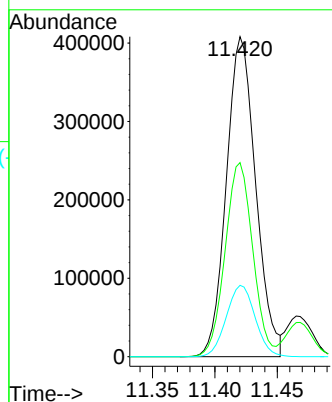
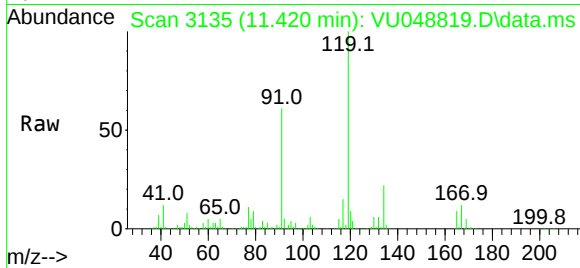




#83
tert-Butylbenzene
Concen: 62.230 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

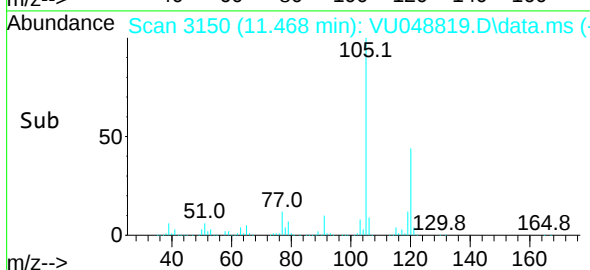
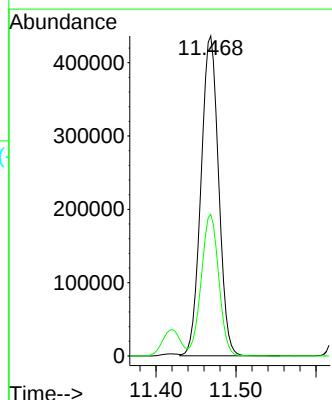
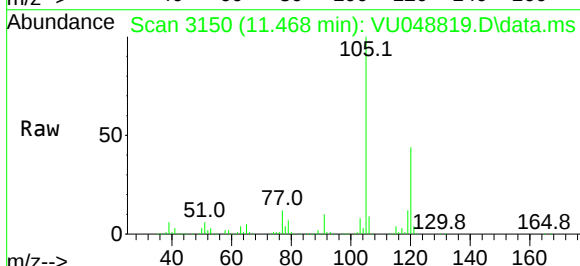
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

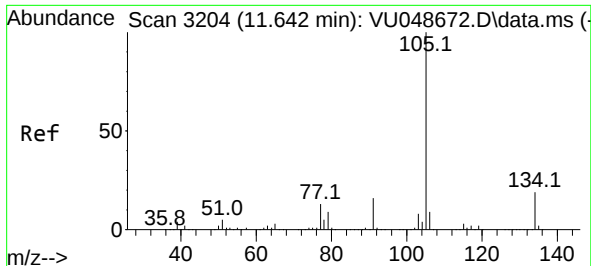
Tgt Ion:119 Resp: 668841
Ion Ratio Lower Upper
119 100
91 57.4 28.7 86.1
134 21.9 10.8 32.4



#84
1,2,4-Trimethylbenzene
Concen: 55.227 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion:105 Resp: 668067
Ion Ratio Lower Upper
105 100
120 44.0 22.5 67.5

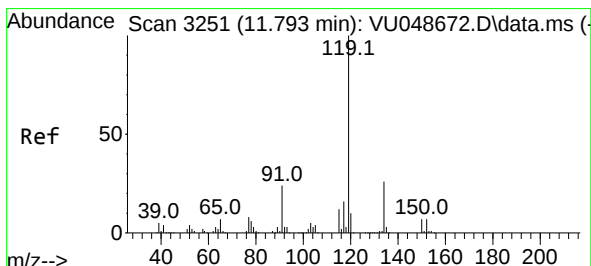
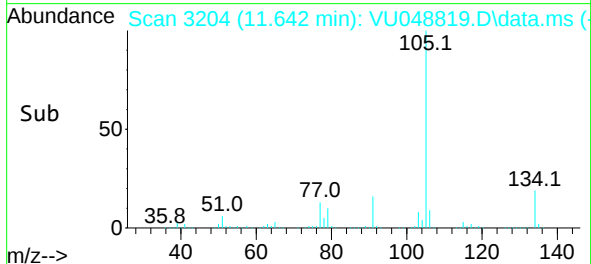
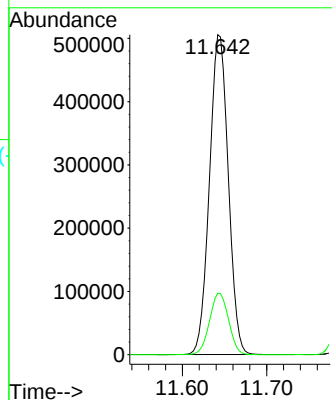
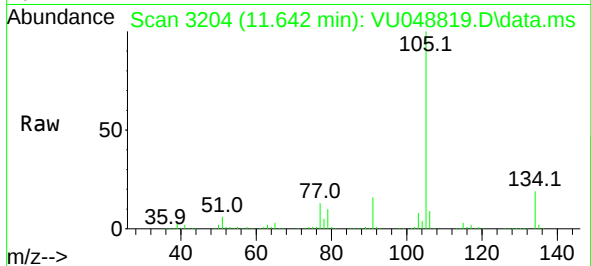




#85
 sec-Butylbenzene
 Concen: 58.428 ug/l
 RT: 11.642 min Scan# 3204
 Delta R.T. 0.000 min
 Lab File: VU048819.D
 Acq: 02 Jun 2022 21:18

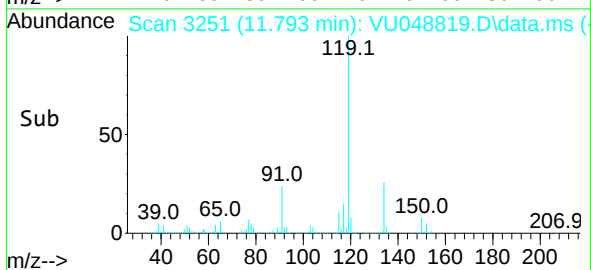
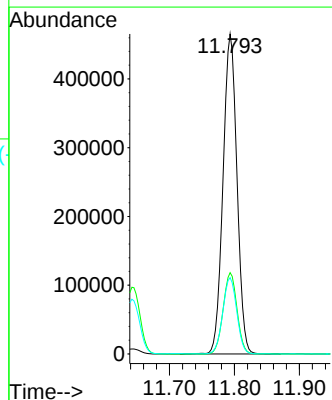
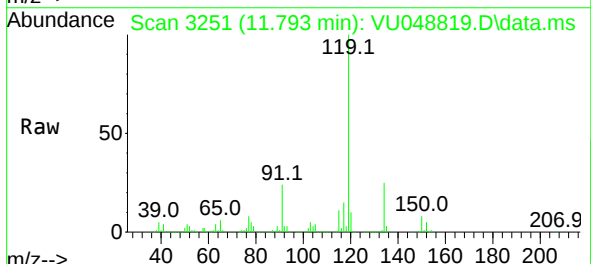
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 785626
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 59.774 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU048819.D
 Acq: 02 Jun 2022 21:18

Tgt Ion:119 Resp: 690201
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.4
 91 23.8 12.0 36.0

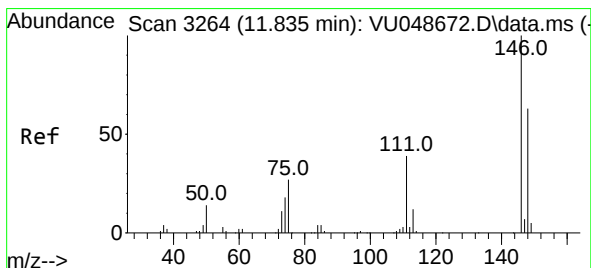
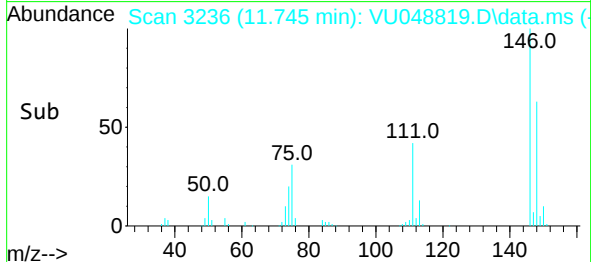
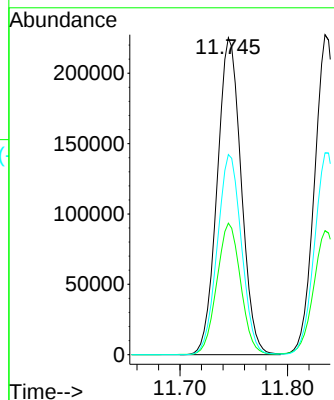
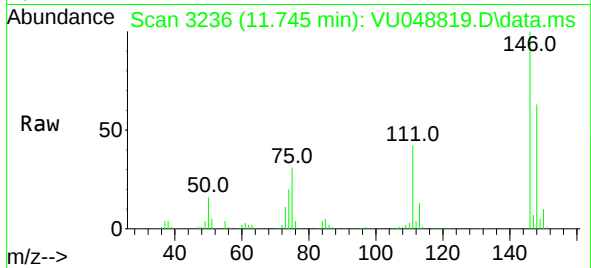




#87
1,3-Dichlorobenzene
Concen: 51.574 ug/l
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

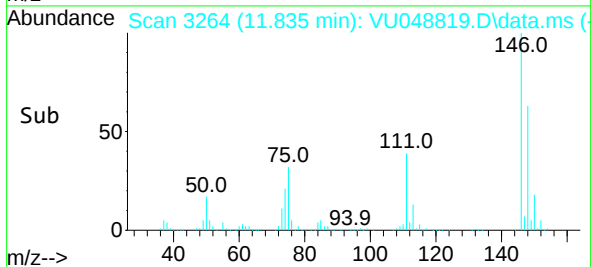
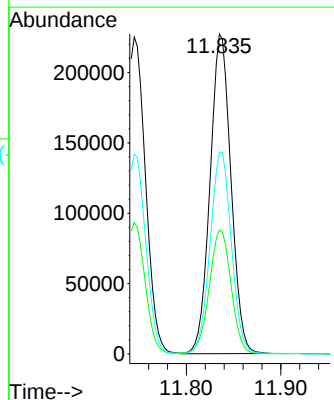
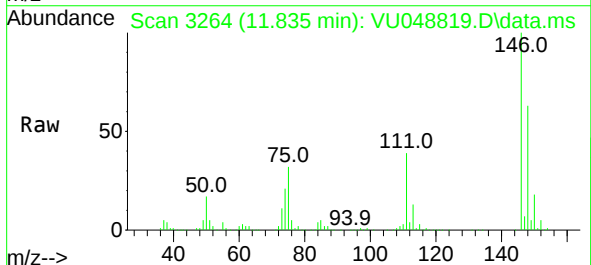
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

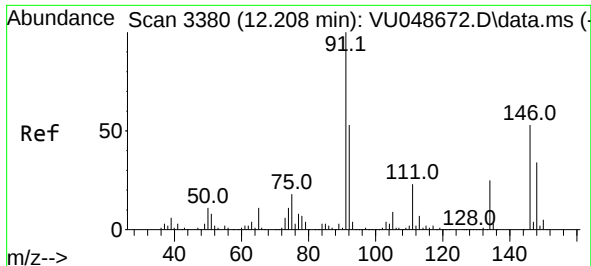
Tgt Ion:146 Resp: 349700
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.9
148 63.5 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 49.806 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion:146 Resp: 348902
Ion Ratio Lower Upper
146 100
111 40.5 20.2 60.6
148 64.4 32.4 97.0

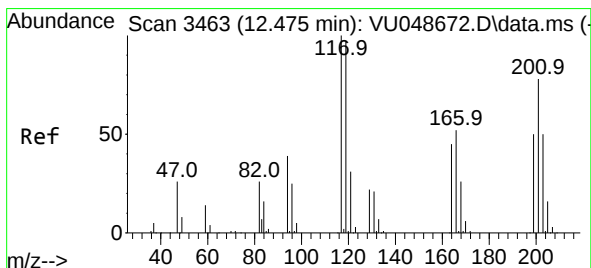
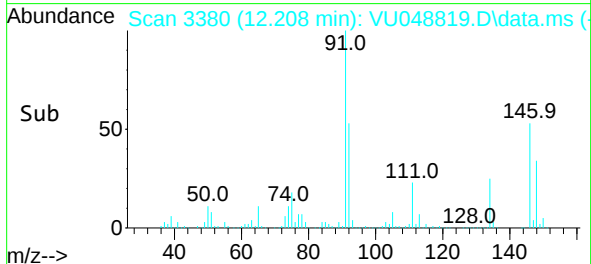
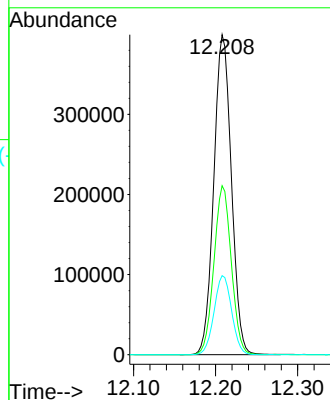
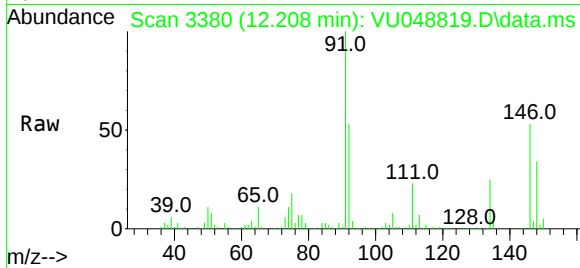




#89
n-Butylbenzene
Concen: 51.379 ug/l
RT: 12.208 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

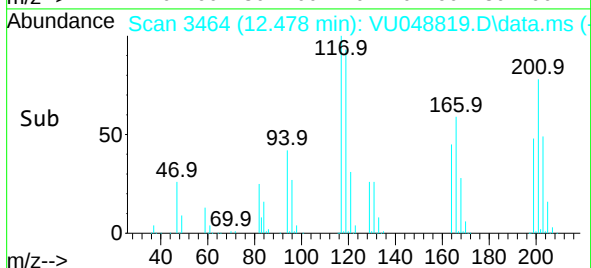
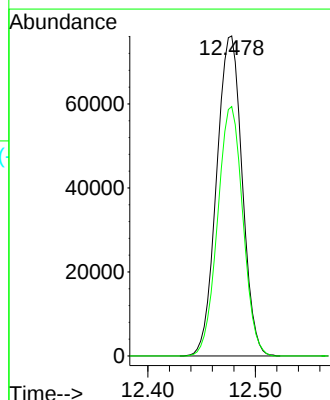
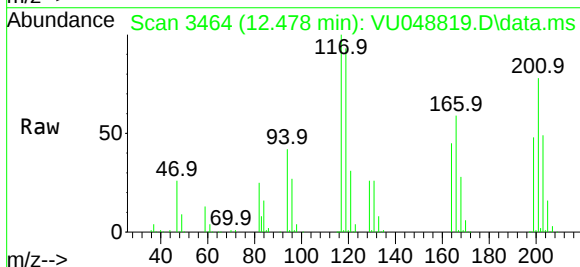
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

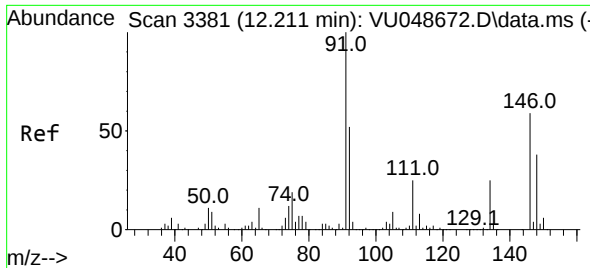
Tgt Ion: 91 Resp: 594559
Ion Ratio Lower Upper
91 100
92 52.2 25.9 77.8
134 24.7 12.5 37.5



#90
Hexachloroethane
Concen: 53.400 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.003 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion: 117 Resp: 125841
Ion Ratio Lower Upper
117 100
201 77.1 39.6 119.0

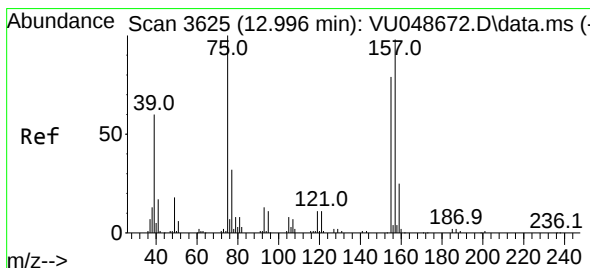
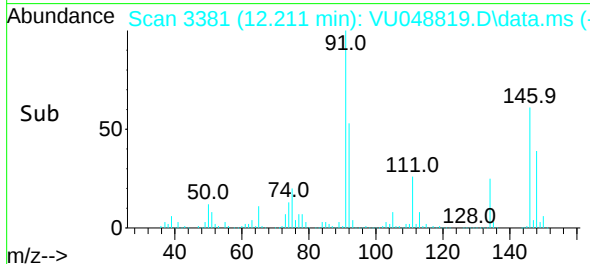
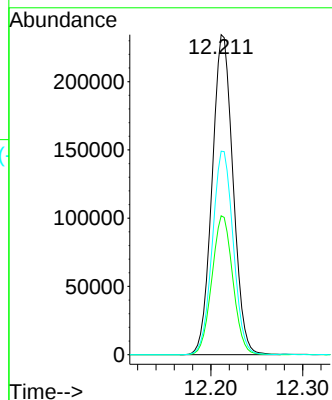
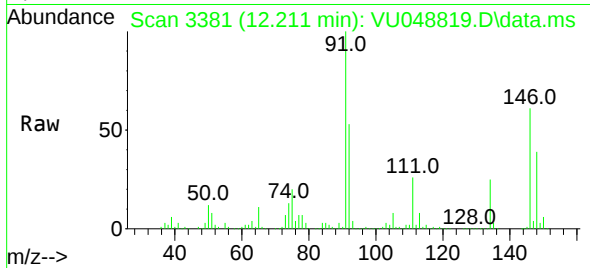




#91
 1,2-Dichlorobenzene
 Concen: 54.171 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.000 min
 Lab File: VU048819.D
 Acq: 02 Jun 2022 21:18

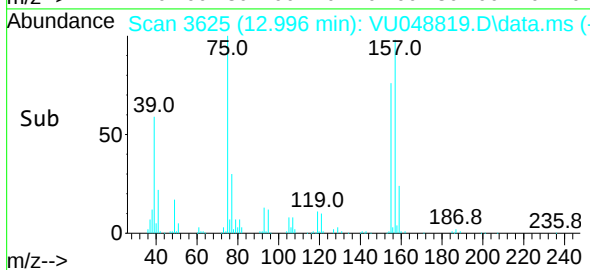
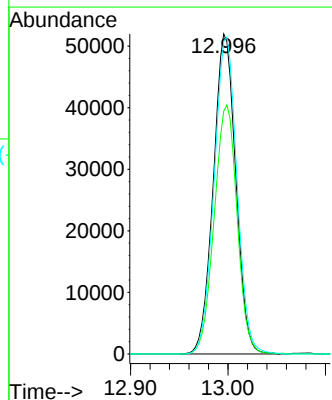
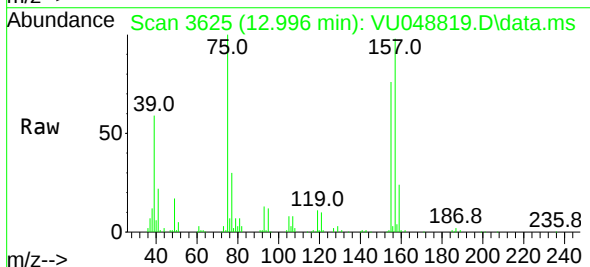
Instrument :
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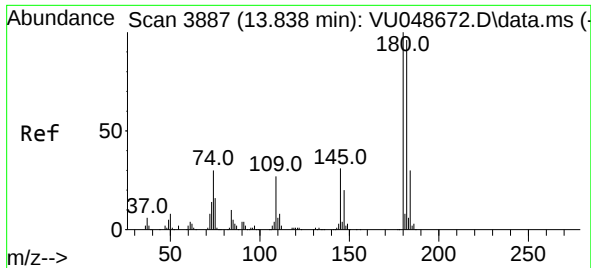
Tgt Ion:146 Resp: 371065
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.4 64.3
 148 63.6 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.019 ug/l
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.000 min
 Lab File: VU048819.D
 Acq: 02 Jun 2022 21:18

Tgt Ion: 75 Resp: 83248
 Ion Ratio Lower Upper
 75 100
 155 79.3 40.3 120.8
 157 100.7 50.0 150.0

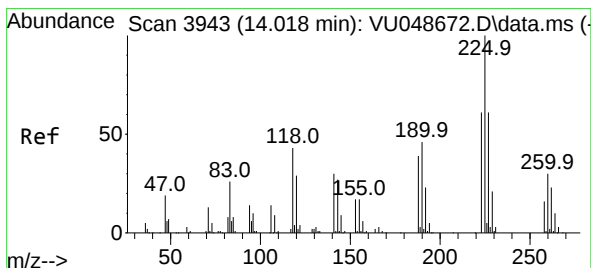
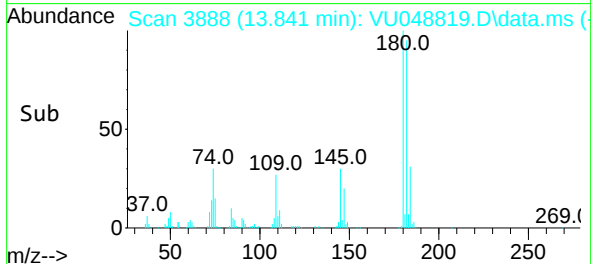
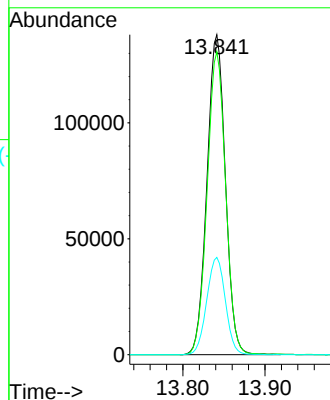
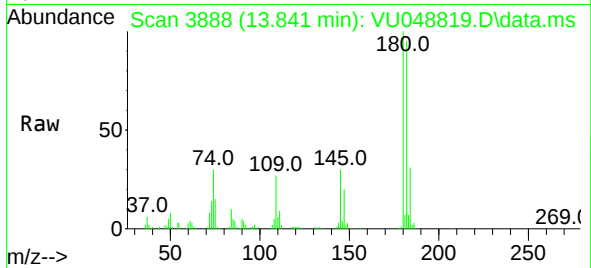




#93
1,2,4-Trichlorobenzene
Concen: 47.989 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

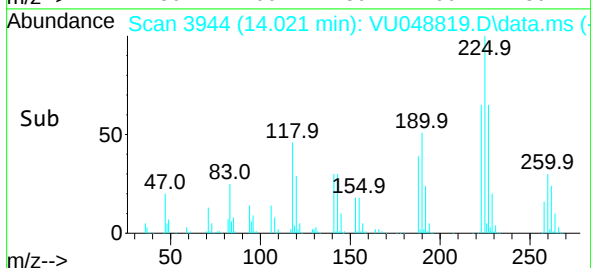
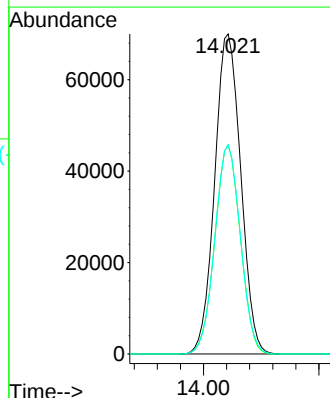
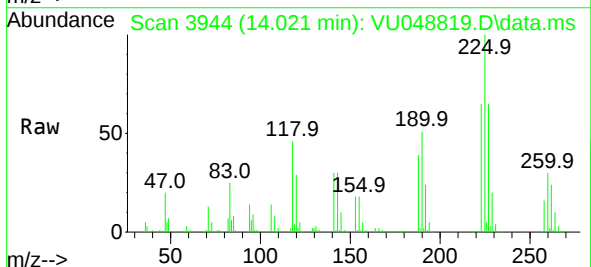
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

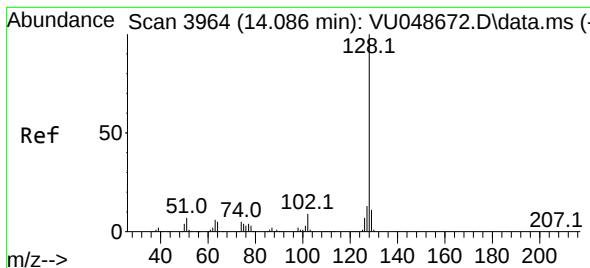
Tgt Ion:180 Resp: 215706
Ion Ratio Lower Upper
180 100
182 95.1 48.3 144.9
145 30.9 15.6 46.7



#94
Hexachlorobutadiene
Concen: 50.918 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.003 min
Lab File: VU048819.D
Acq: 02 Jun 2022 21:18

Tgt Ion:225 Resp: 109702
Ion Ratio Lower Upper
225 100
223 63.9 30.9 92.8
227 64.3 31.1 93.5





#95

Naphthalene

Concen: 46.544 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

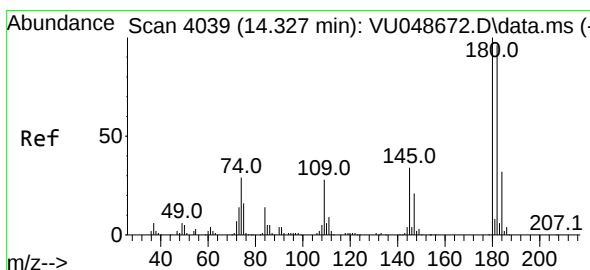
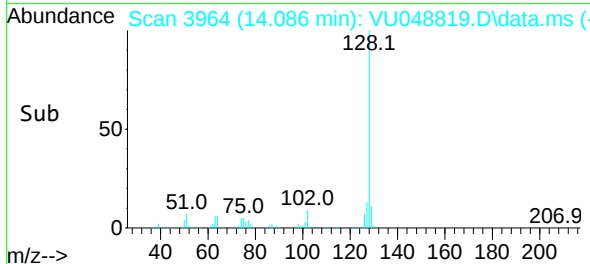
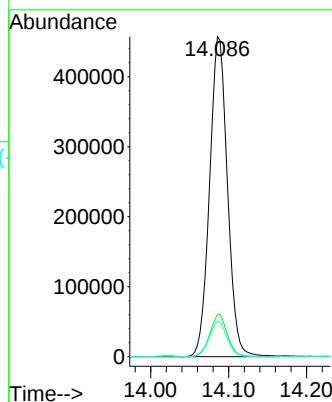
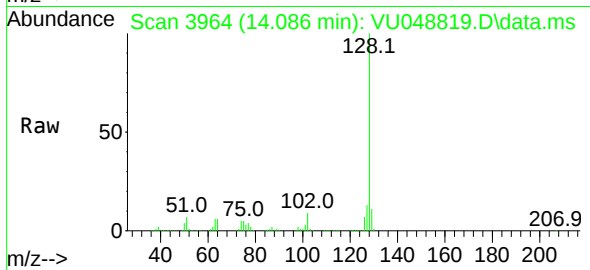
Tgt Ion:128 Resp: 727866

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 50.145 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.003 min

Lab File: VU048819.D

Acq: 02 Jun 2022 21:18

Tgt Ion:180 Resp: 223247

Ion Ratio Lower Upper

180 100

182 95.0 47.4 142.2

145 33.2 16.6 49.8

