

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048821.D
 Acq On : 02 Jun 2022 22:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 03 01:21:27 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	232537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.246	114	391292	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	363766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	202110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	183633	52.583	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.160%
35) Dibromofluoromethane	5.288	113	143696	51.475	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.960%
50) Toluene-d8	7.896	98	510813	51.047	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.100%
62) 4-Bromofluorobenzene	10.632	95	208434	55.076	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.160%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	128262	48.182	ug/l	98
3) Chloromethane	1.520	50	170239	49.677	ug/l	97
4) Vinyl Chloride	1.600	62	162518	51.204	ug/l	95
5) Bromomethane	1.829	94	68457	37.682	ug/l	98
6) Chloroethane	1.909	64	94904	54.689	ug/l	96
7) Trichlorofluoromethane	2.124	101	218747	48.257	ug/l	100
8) Diethyl Ether	2.372	74	88945	53.172	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.571	101	126755	51.084	ug/l	98
10) Methyl Iodide	2.716	142	176772	48.084	ug/l	98
11) Tert butyl alcohol	3.198	59	272922	308.252	ug/l #	42
12) 1,1-Dichloroethene	2.571	96	121937	51.521	ug/l	96
13) Acrolein	2.481	56	76348	260.391	ug/l	99
14) Allyl chloride	2.915	41	251492	54.862	ug/l	96
15) Acrylonitrile	3.308	53	574468	299.164	ug/l	99
16) Acetone	2.623	43	479770	269.572	ug/l	100
17) Carbon Disulfide	2.784	76	302988	43.854	ug/l	99
18) Methyl Acetate	2.944	43	294289	65.859	ug/l	98
19) Methyl tert-butyl Ether	3.359	73	510974	56.900	ug/l	99
20) Methylene Chloride	3.041	84	159894	52.832	ug/l	99
21) trans-1,2-Dichloroethene	3.349	96	134712	49.759	ug/l	95
22) Diisopropyl ether	3.989	45	512971	60.665	ug/l	96
23) Vinyl Acetate	3.951	43	2186891	298.503	ug/l	99
24) 1,1-Dichloroethane	3.864	63	293437	55.254	ug/l	100
25) 2-Butanone	4.697	43	776260	303.610	ug/l	100
26) 2,2-Dichloropropane	4.661	77	185988	39.037	ug/l	98
27) cis-1,2-Dichloroethene	4.665	96	164255	52.417	ug/l	96
28) Bromochloromethane	4.970	49	123207	59.148	ug/l	98
29) Tetrahydrofuran	5.047	42	487542	302.729	ug/l	98
30) Chloroform	5.086	83	289723	54.523	ug/l	99
31) Cyclohexane	5.385	56	229332	52.108	ug/l	100
32) 1,1,1-Trichloroethane	5.314	97	246311	51.092	ug/l	99
36) 1,1-Dichloropropene	5.523	75	198680	48.765	ug/l	99
37) Ethyl Acetate	4.800	43	271882	52.787	ug/l	99
38) Carbon Tetrachloride	5.523	117	207836	44.464	ug/l	96
39) Methylcyclohexane	6.761	83	225050	52.681	ug/l	98
40) Benzene	5.774	78	604059	50.220	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	150006	57.633	ug/l	99
42) 1,2-Dichloroethane	5.793	62	229740	48.792	ug/l	99
43) Isopropyl Acetate	5.909	43	397077	53.116	ug/l	100
44) Trichloroethene	6.542	130	147419	47.572	ug/l	96
45) 1,2-Dichloropropane	6.790	63	173572	57.319	ug/l	99
46) Dibromomethane	6.918	93	115102	50.877	ug/l	99
47) Bromodichloromethane	7.105	83	232019	50.713	ug/l	100
48) Methyl methacrylate	6.957	41	203632	60.678	ug/l	98
49) 1,4-Dioxane	6.963	88	110657	1475.020	ug/l	97
51) 4-Methyl-2-Pentanone	7.793	43	1540652	317.392	ug/l	100
52) Toluene	7.967	92	379579	52.758	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	243446	49.327	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	256151	50.087	ug/l	100
55) 1,1,2-Trichloroethane	8.401	97	165647	52.167	ug/l	99
56) Ethyl methacrylate	8.333	69	279277	55.363	ug/l	98
57) 1,3-Dichloropropane	8.574	76	269340	50.398	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	252944	226.170	ug/l	97
59) 2-Hexanone	8.684	43	1174041	294.610	ug/l	100
60) Dibromochloromethane	8.809	129	174145	48.926	ug/l	99
61) 1,2-Dibromoethane	8.925	107	171012	48.903	ug/l	100
64) Tetrachloroethene	8.552	164	113994	45.018	ug/l	97
65) Chlorobenzene	9.446	112	399981	51.988	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.536	131	155035	53.088	ug/l	98
67) Ethyl Benzene	9.571	91	714388	55.054	ug/l	98
68) m/p-Xylenes	9.693	106	552666	108.897	ug/l	98
69) o-Xylene	10.098	106	280234	56.203	ug/l	100
70) Styrene	10.115	104	474674	57.878	ug/l	100
71) Bromoform	10.291	173	150827	55.860	ug/l #	98
73) Isopropylbenzene	10.484	105	746811	57.235	ug/l	100
74) N-amyl acetate	10.320	43	381179	57.323	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	335829	63.069	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	370476	56.852	ug/l	99
77) Bromobenzene	10.783	156	188669	53.840	ug/l	97
78) n-propylbenzene	10.905	91	870095	55.962	ug/l	99
79) 2-Chlorotoluene	10.986	91	545944	56.464	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	659664	58.135	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.545	75	89622	49.936	ug/l	97
82) 4-Chlorotoluene	11.095	91	624040	55.939	ug/l	99
83) tert-Butylbenzene	11.420	119	669706	61.495	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	681073	55.558	ug/l	99
85) sec-Butylbenzene	11.645	105	815669	59.868	ug/l	99
86) p-Isopropyltoluene	11.793	119	700810	59.898	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	358102	52.122	ug/l	98
88) 1,4-Dichlorobenzene	11.838	146	363296	51.181	ug/l	99
89) n-Butylbenzene	12.208	91	599327	51.124	ug/l	100
90) Hexachloroethane	12.478	117	124136	51.987	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	376277	54.213	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.995	75	81835	53.377	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	216028	47.431	ug/l	99
94) Hexachlorobutadiene	14.021	225	111297	50.982	ug/l	97
95) Naphthalene	14.089	128	732850	46.265	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	226359	50.178	ug/l	99

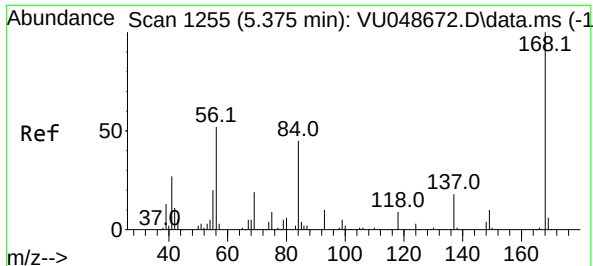
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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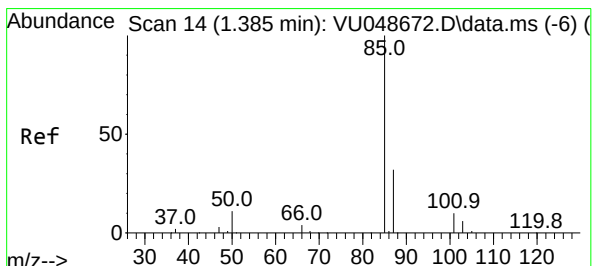
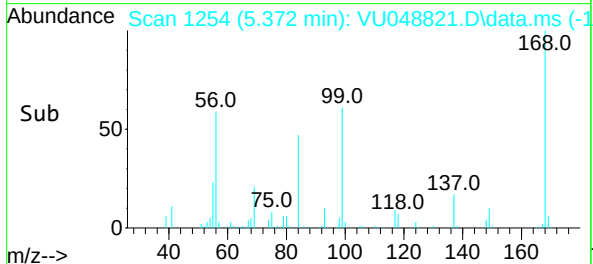
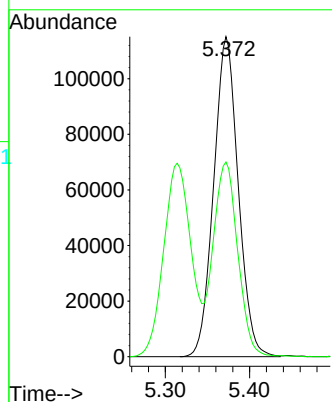
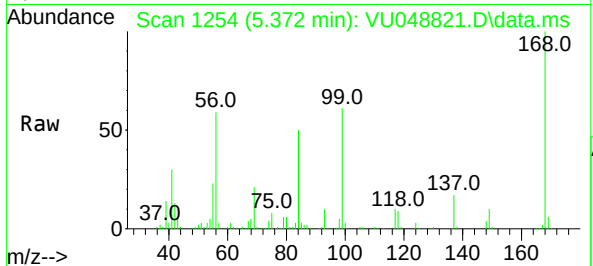
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
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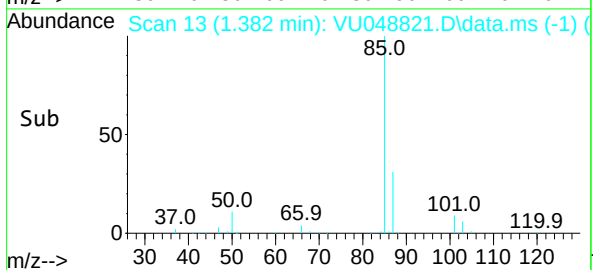
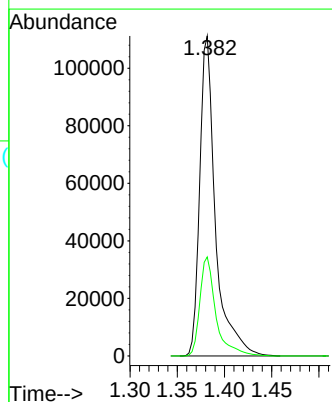
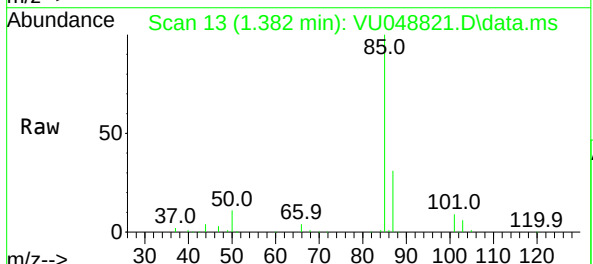
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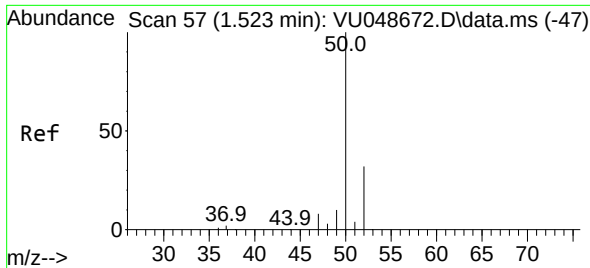
Tgt Ion:168 Resp: 232537
Ion Ratio Lower Upper
168 100
99 60.6 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 48.182 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion: 85 Resp: 128262
Ion Ratio Lower Upper
85 100
87 31.0 16.0 48.0

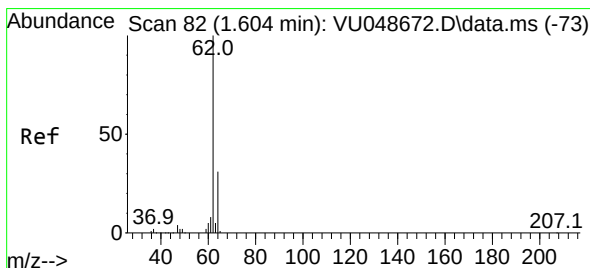
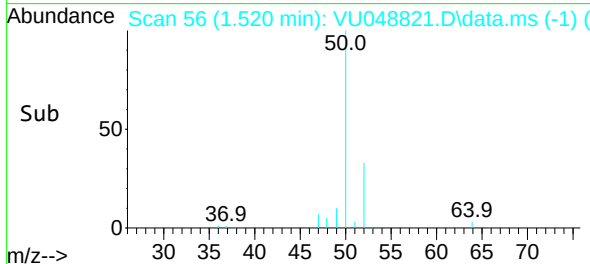
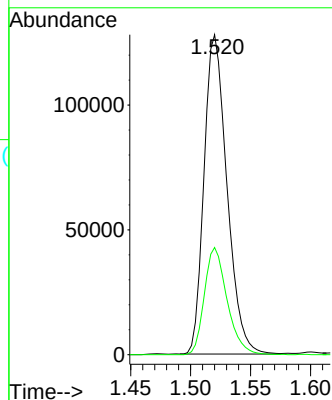
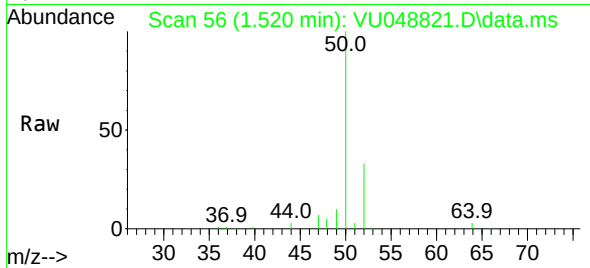




#3
Chloromethane
Concen: 49.677 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

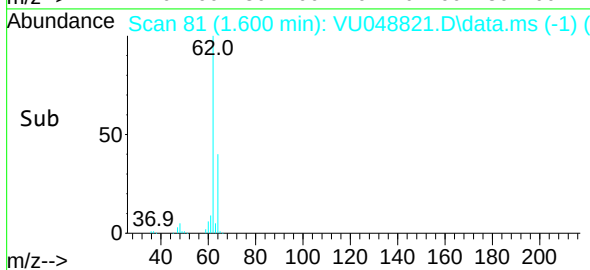
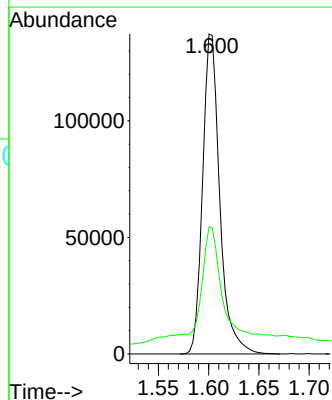
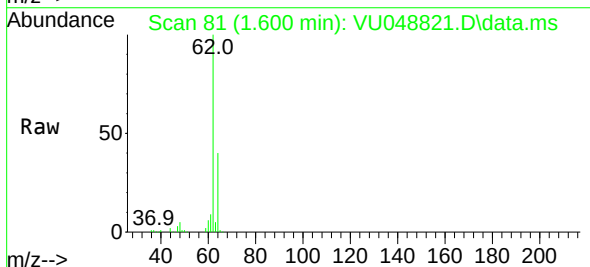
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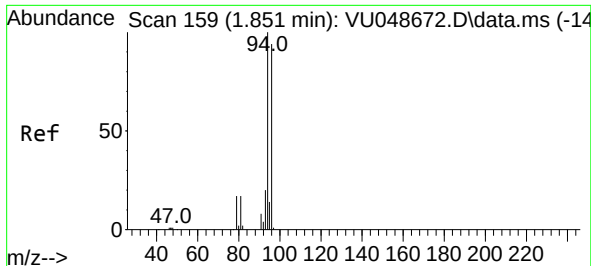
Tgt Ion: 50 Resp: 170239
Ion Ratio Lower Upper
50 100
52 33.6 25.7 38.5



#4
Vinyl Chloride
Concen: 51.204 ug/l
RT: 1.600 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion: 62 Resp: 162518
Ion Ratio Lower Upper
62 100
64 34.0 25.2 37.8

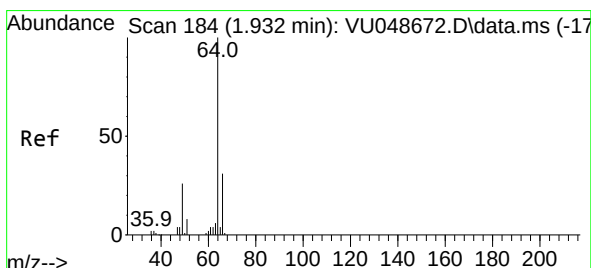
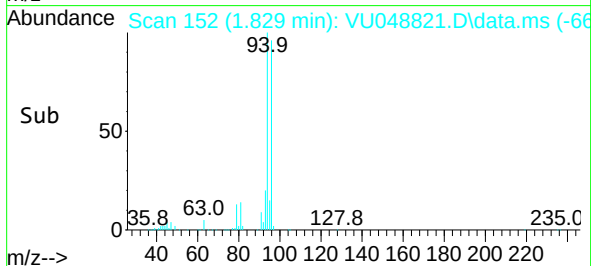
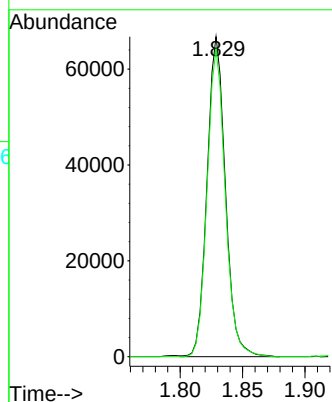
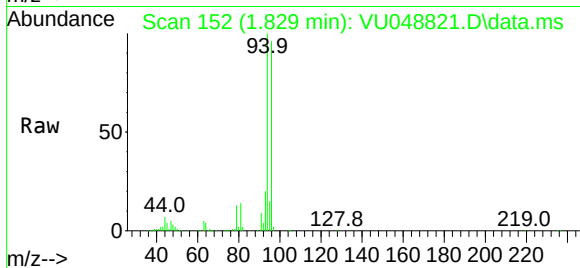




#5
Bromomethane
Concen: 37.682 ug/l
RT: 1.829 min Scan# 11
Delta R.T. -0.022 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

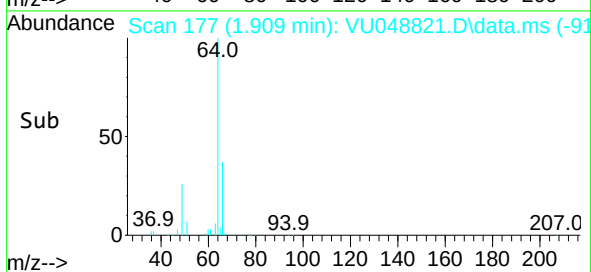
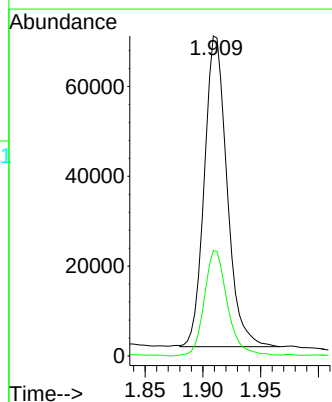
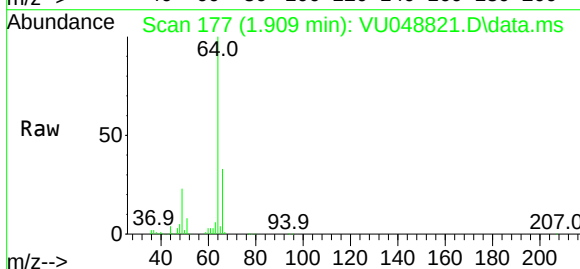
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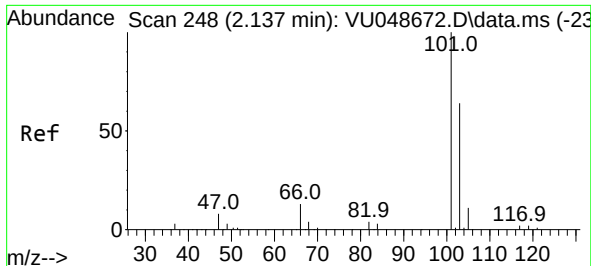
Tgt Ion: 94 Resp: 68457
Ion Ratio Lower Upper
94 100
96 96.0 75.1 112.7



#6
Chloroethane
Concen: 54.689 ug/l
RT: 1.909 min Scan# 177
Delta R.T. -0.023 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion: 64 Resp: 94904
Ion Ratio Lower Upper
64 100
66 33.6 25.2 37.8

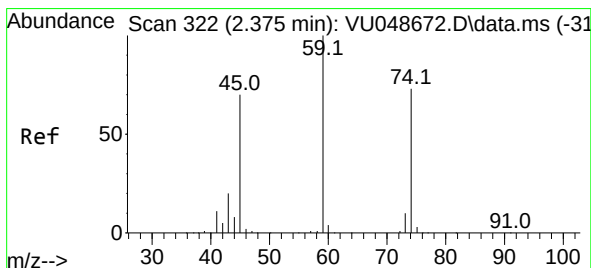
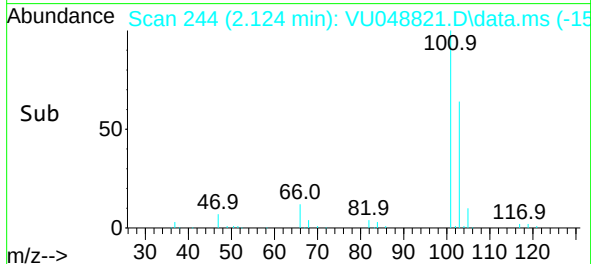
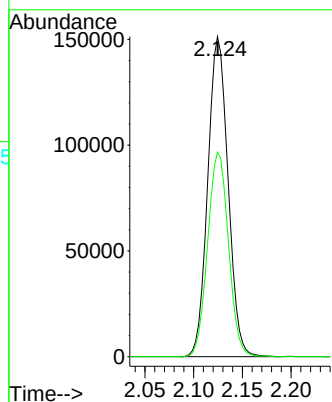
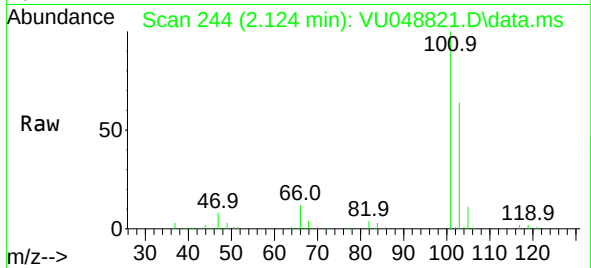




#7
 Trichlorofluoromethane
 Concen: 48.257 ug/l
 RT: 2.124 min Scan# 248
 Delta R.T. -0.013 min
 Lab File: VU048821.D
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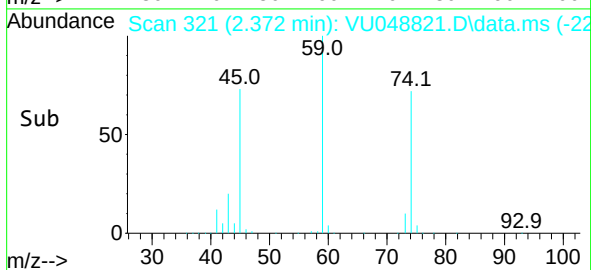
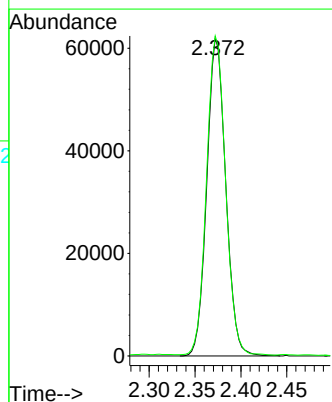
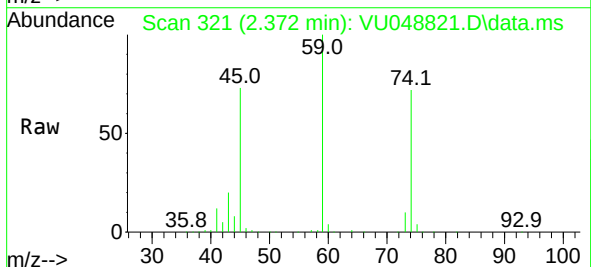
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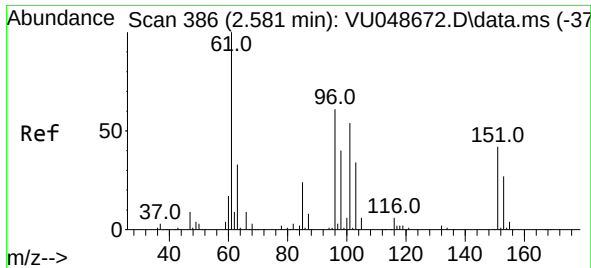
Tgt Ion:101 Resp: 218747
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.0 76.4



#8
 Diethyl Ether
 Concen: 53.172 ug/l
 RT: 2.372 min Scan# 321
 Delta R.T. -0.003 min
 Lab File: VU048821.D
 Acq: 02 Jun 2022 22:32

Tgt Ion: 74 Resp: 88945
 Ion Ratio Lower Upper
 74 100
 45 101.0 47.7 143.1

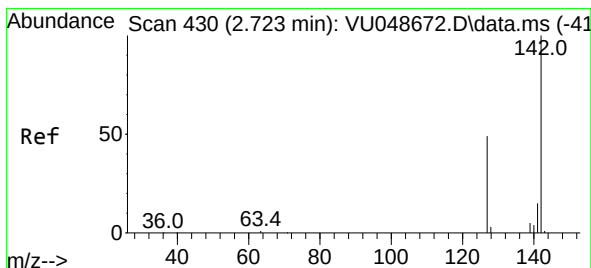
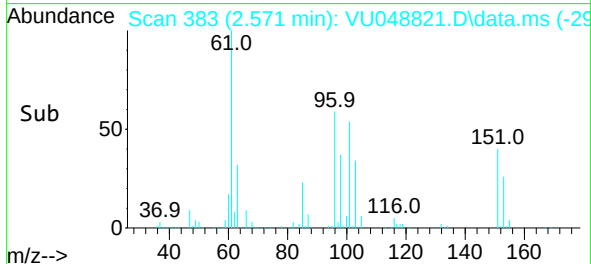
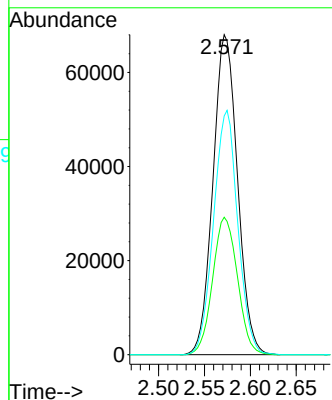
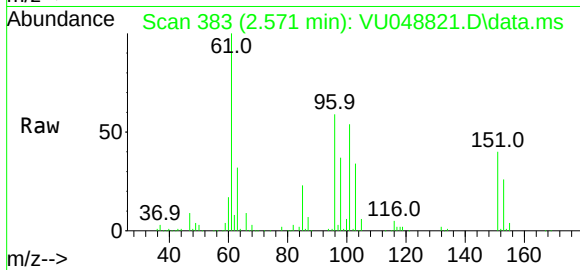




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.084 ug/l
RT: 2.571 min Scan# 31
Delta R.T. -0.010 min
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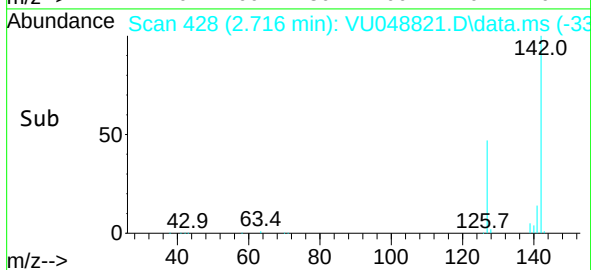
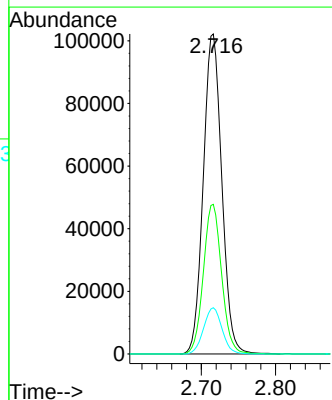
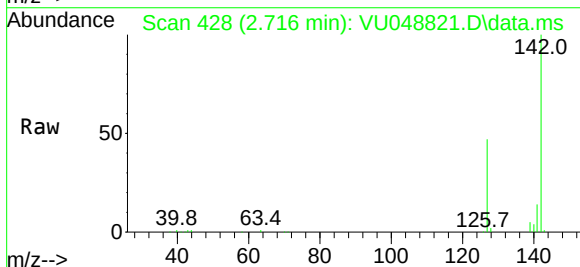
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ClientSampleId :
VSTDCCC050

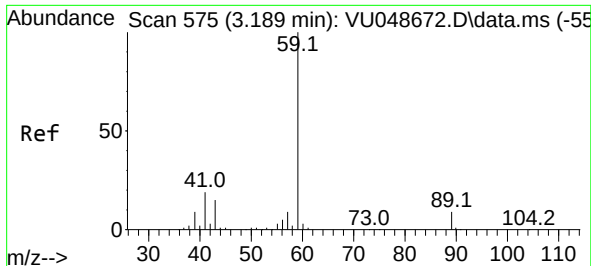
Tgt Ion:101 Resp: 126755
Ion Ratio Lower Upper
101 100
85 43.4 35.4 53.2
151 75.5 62.5 93.7



#10
Methyl Iodide
Concen: 48.084 ug/l
RT: 2.716 min Scan# 428
Delta R.T. -0.007 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion:142 Resp: 176772
Ion Ratio Lower Upper
142 100
127 46.1 38.4 57.6
141 14.4 11.5 17.3

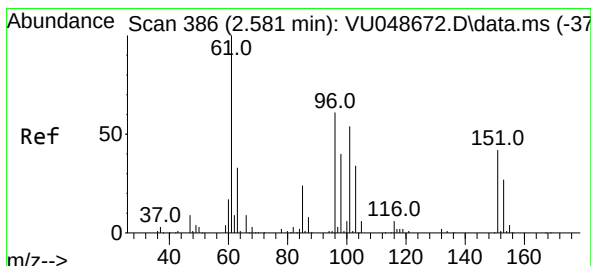
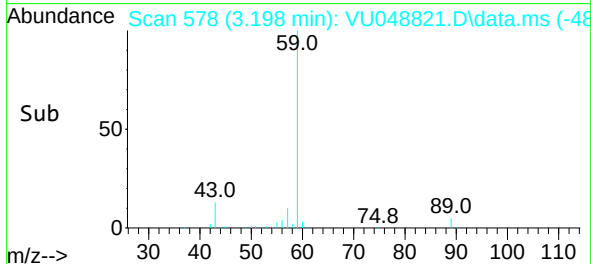
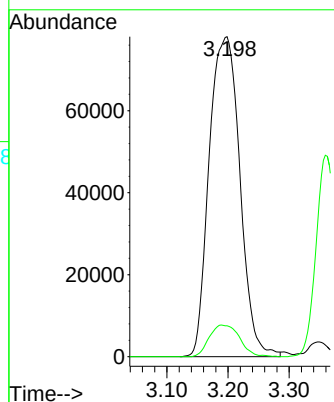
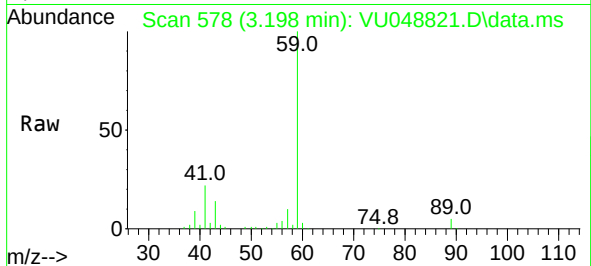




#11
Tert butyl alcohol
Concen: 308.252 ug/l
RT: 3.198 min Scan# 51
Delta R.T. 0.009 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

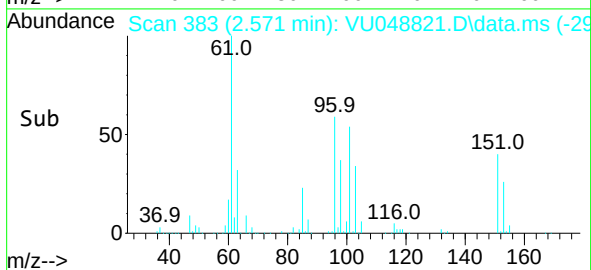
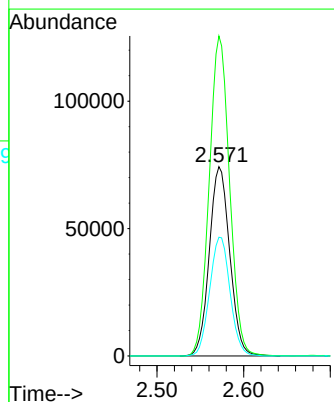
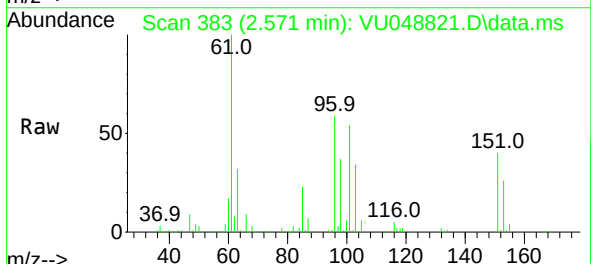
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

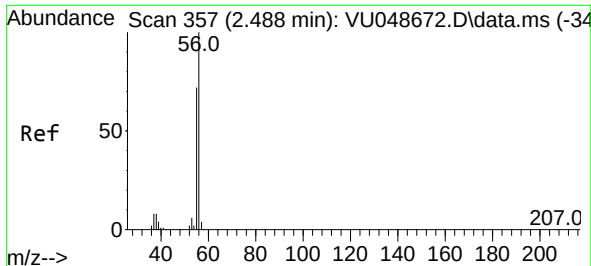
Tgt Ion: 59 Resp: 272922
Ion Ratio Lower Upper
59 100
57 9.7 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 51.521 ug/l
RT: 2.571 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion: 96 Resp: 121937
Ion Ratio Lower Upper
96 100
61 169.1 131.1 196.7
98 62.7 51.8 77.8

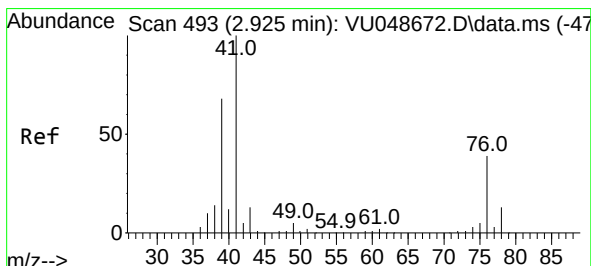
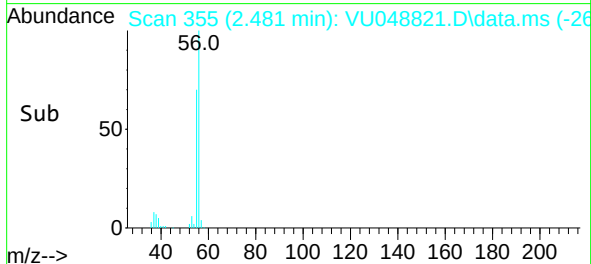
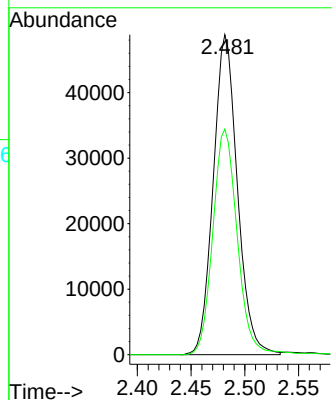
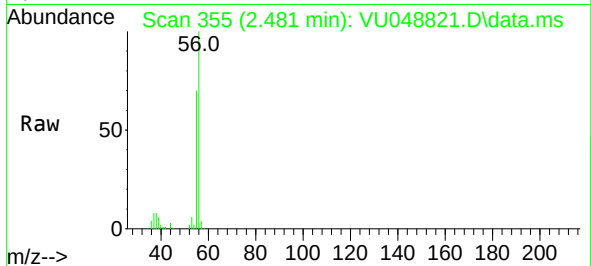




#13
Acrolein
Concen: 260.391 ug/l
RT: 2.481 min Scan# 31
Delta R.T. -0.007 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

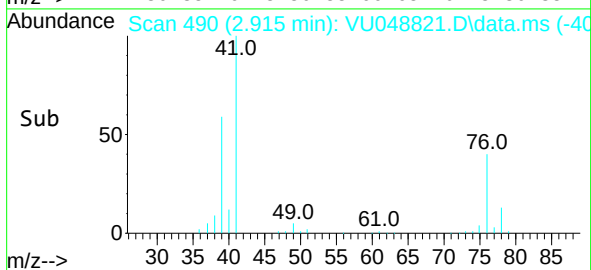
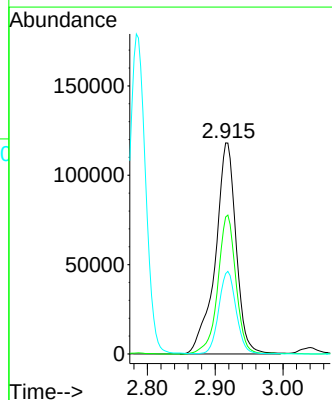
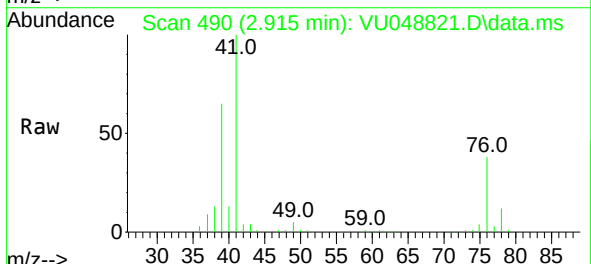
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

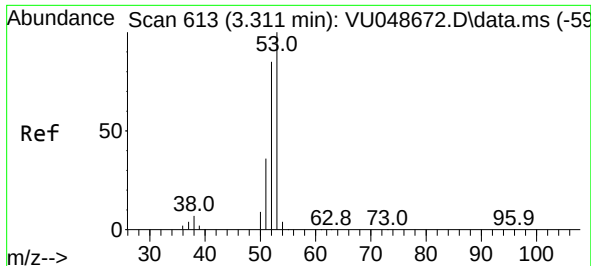
Tgt Ion: 56 Resp: 76348
Ion Ratio Lower Upper
56 100
55 71.7 57.7 86.5



#14
Allyl chloride
Concen: 54.862 ug/l
RT: 2.915 min Scan# 490
Delta R.T. -0.010 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion: 41 Resp: 251492
Ion Ratio Lower Upper
41 100
39 57.3 48.6 72.8
76 32.4 27.0 40.4

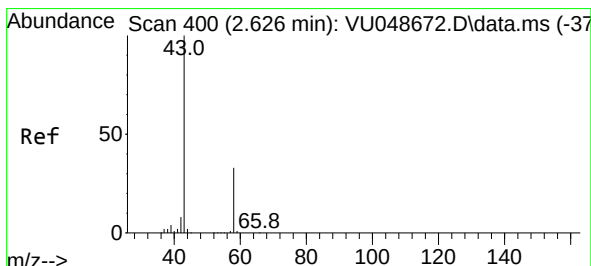
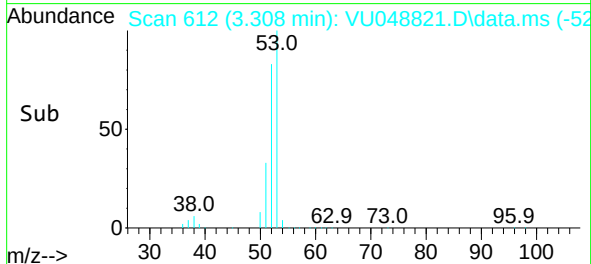
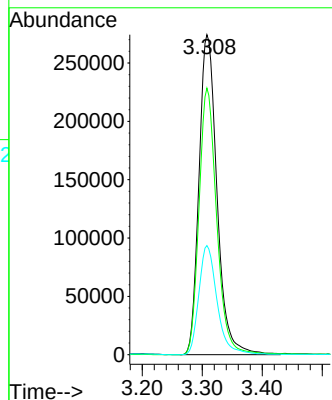
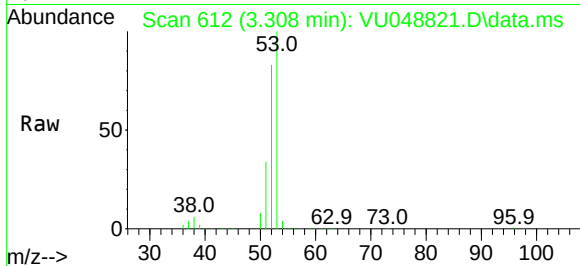




#15
Acrylonitrile
Concen: 299.164 ug/l
RT: 3.308 min Scan# 613
Delta R.T. -0.003 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

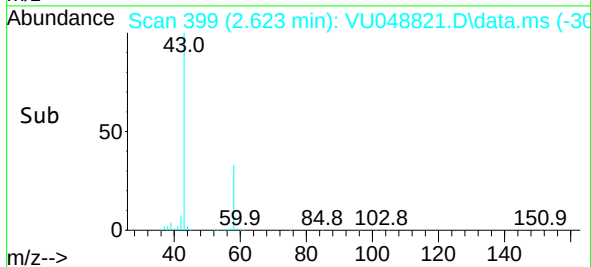
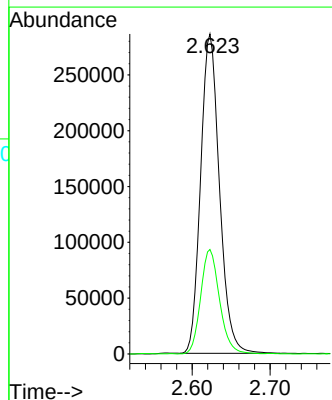
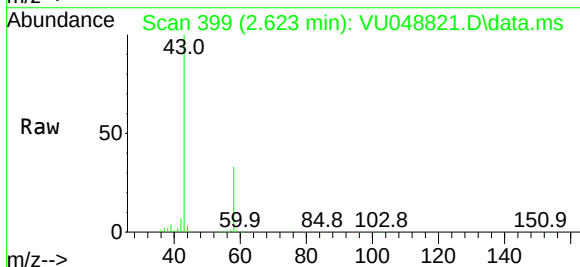
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

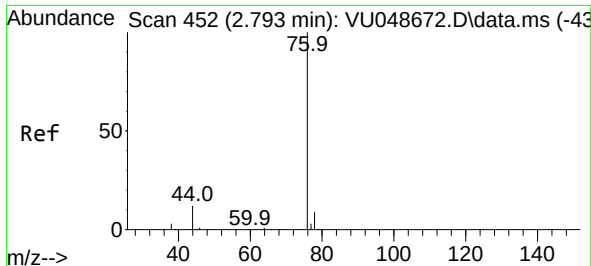
Tgt Ion: 53 Resp: 574468
Ion Ratio Lower Upper
53 100
52 82.0 66.3 99.5
51 34.6 28.6 42.8



#16
Acetone
Concen: 269.572 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion: 43 Resp: 479770
Ion Ratio Lower Upper
43 100
58 32.7 26.3 39.5

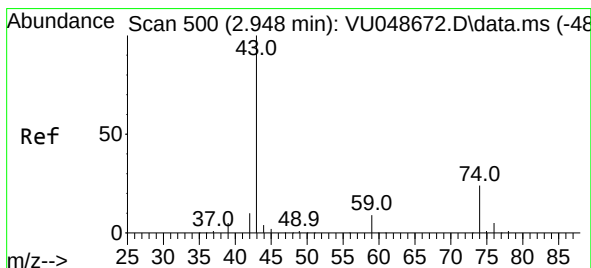
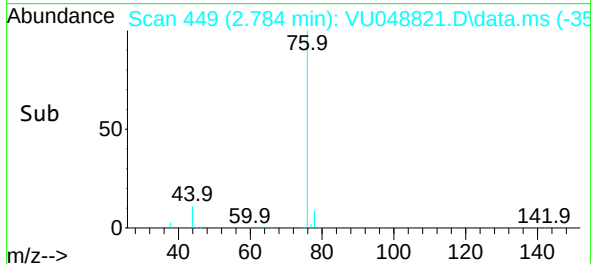
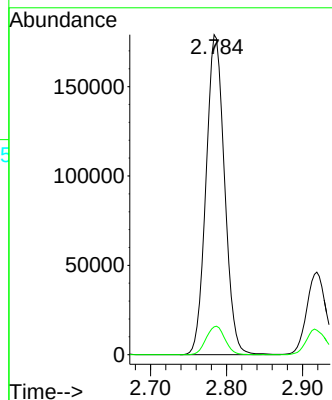
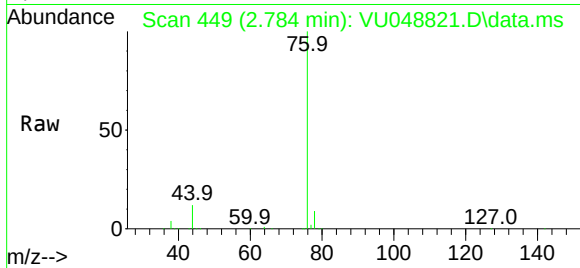




#17
Carbon Disulfide
Concen: 43.854 ug/l
RT: 2.784 min Scan# 441
Delta R.T. -0.010 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

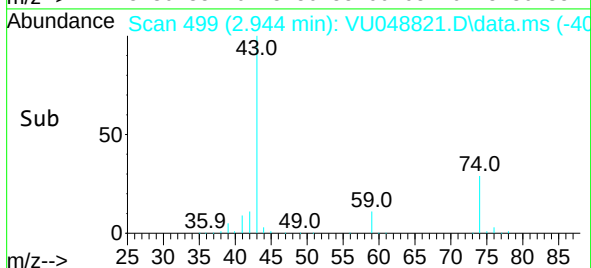
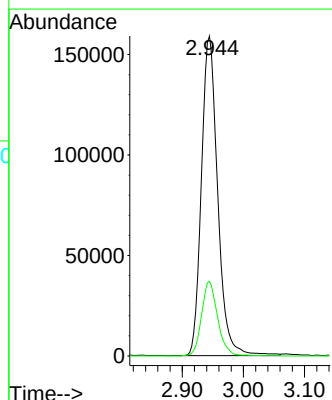
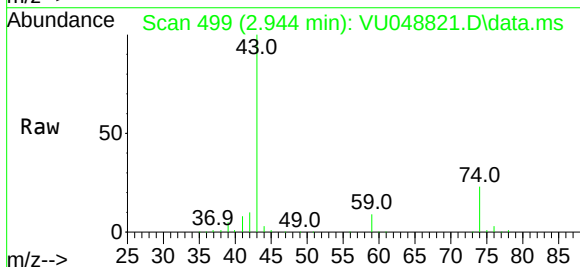
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

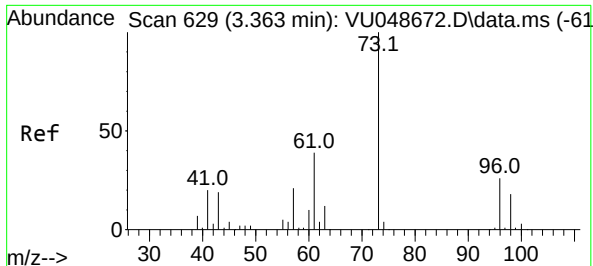
Tgt Ion: 76 Resp: 302988
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 65.859 ug/l
RT: 2.944 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion: 43 Resp: 294289
Ion Ratio Lower Upper
43 100
74 23.2 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 56.900 ug/l

RT: 3.359 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

Instrument :

MSVOA_U

ClientSampleId :

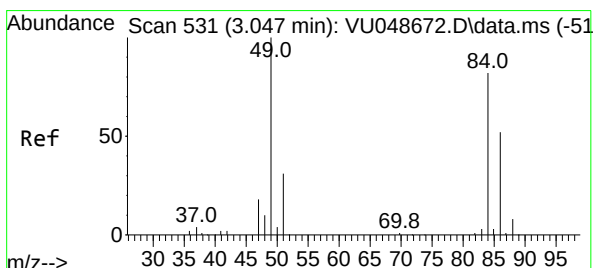
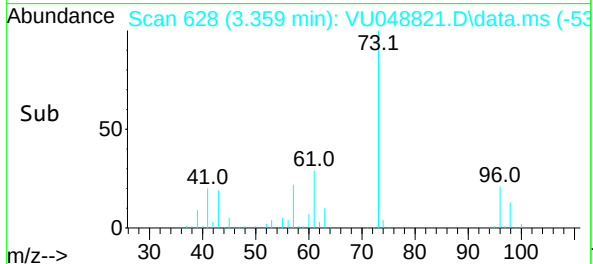
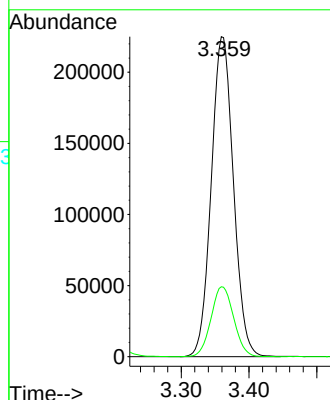
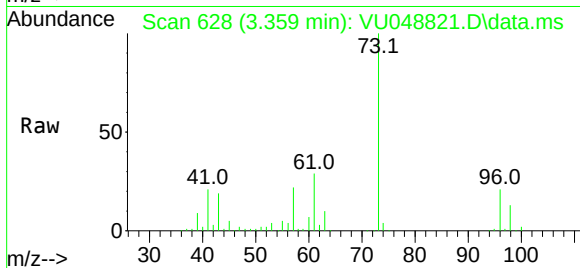
VSTDCCC050

Tgt Ion: 73 Resp: 510974

Ion Ratio Lower Upper

73 100

57 21.8 17.1 25.7



#20

Methylene Chloride

Concen: 52.832 ug/l

RT: 3.041 min Scan# 529

Delta R.T. -0.007 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

Tgt Ion: 84 Resp: 159894

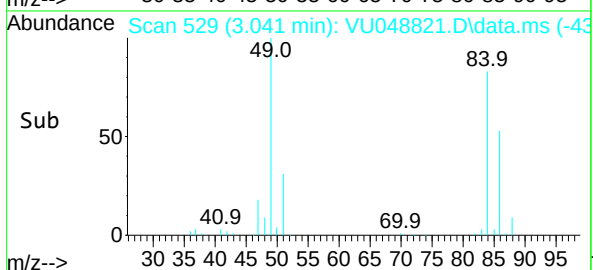
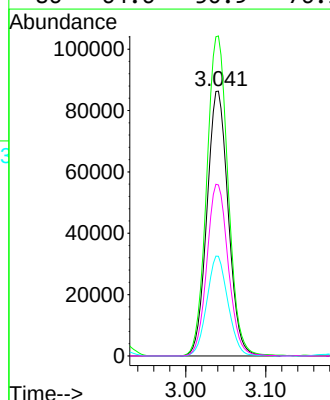
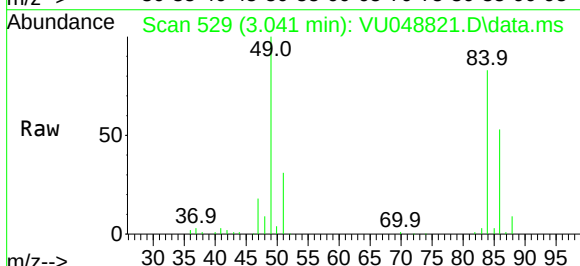
Ion Ratio Lower Upper

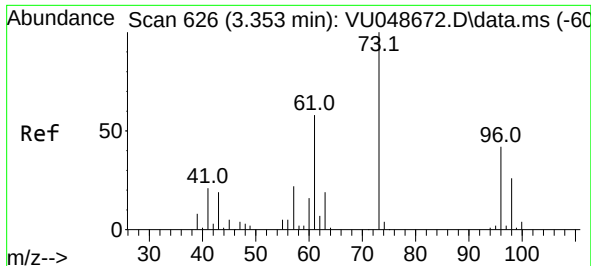
84 100

49 120.8 97.0 145.4

51 37.6 29.8 44.8

86 64.6 50.9 76.3

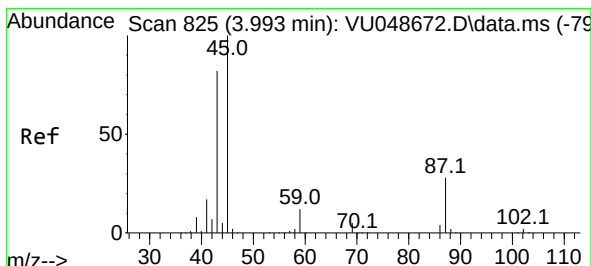
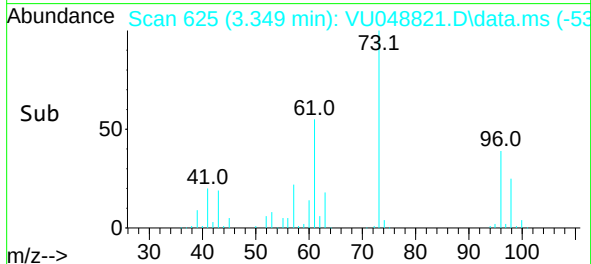
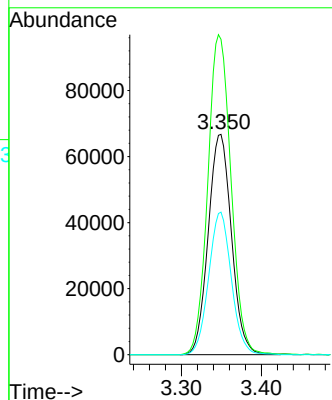
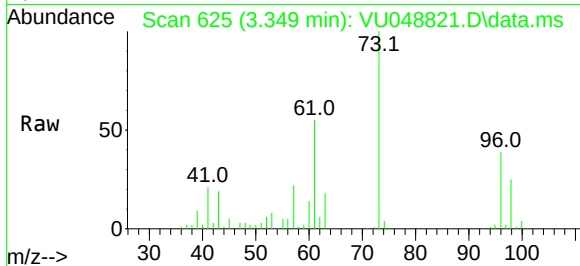




#21
trans-1,2-Dichloroethene
Concen: 49.759 ug/l
RT: 3.349 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

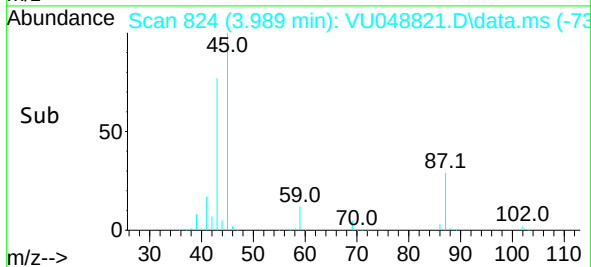
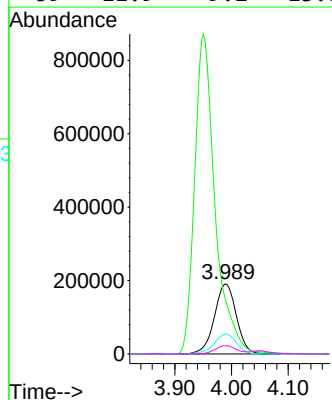
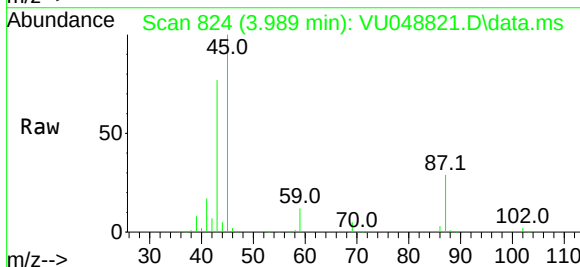
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

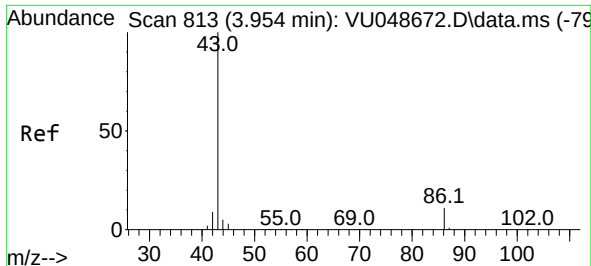
Tgt Ion: 96 Resp: 134712
Ion Ratio Lower Upper
96 100
61 143.1 109.4 164.2
98 64.7 48.9 73.3



#22
Diisopropyl ether
Concen: 60.665 ug/l
RT: 3.989 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion: 45 Resp: 512971
Ion Ratio Lower Upper
45 100
43 76.0 65.2 97.8
87 28.5 22.7 34.1
59 11.9 9.2 13.8

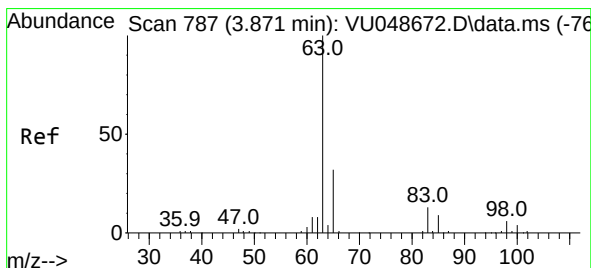
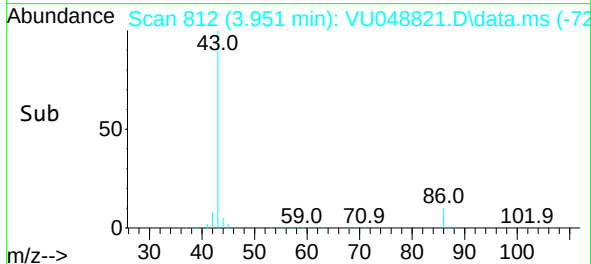
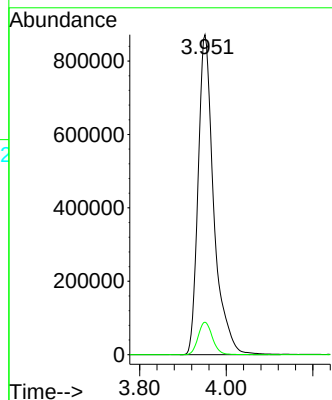
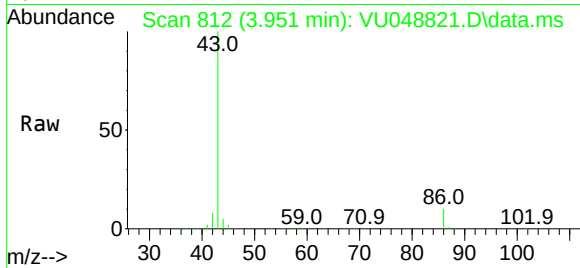




#23
 Vinyl Acetate
 Concen: 298.503 ug/l
 RT: 3.951 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU048821.D
 Acq: 02 Jun 2022 22:32

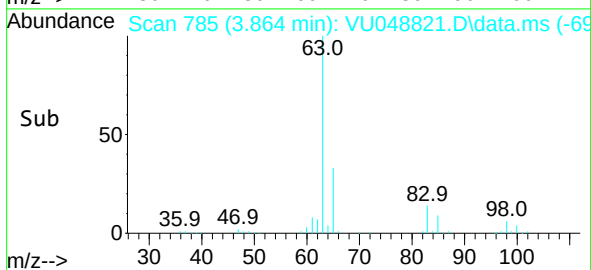
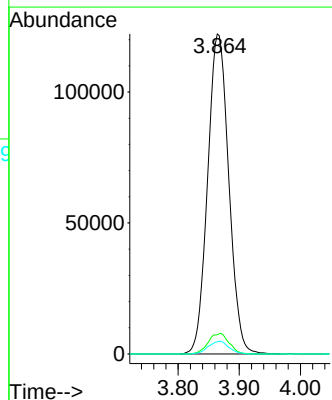
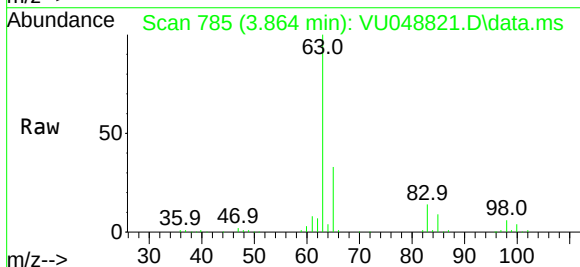
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

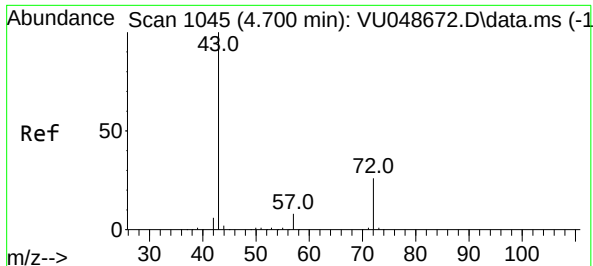
Tgt Ion: 43 Resp: 2186891
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 55.254 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. -0.007 min
 Lab File: VU048821.D
 Acq: 02 Jun 2022 22:32

Tgt Ion: 63 Resp: 293437
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.1 9.3
 100 3.8 2.0 5.8





#25

2-Butanone

Concen: 303.610 ug/l

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

Instrument :

MSVOA_U

ClientSampleId :

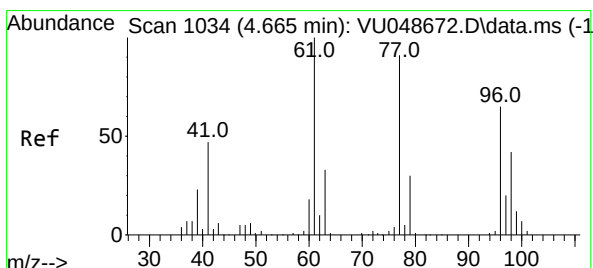
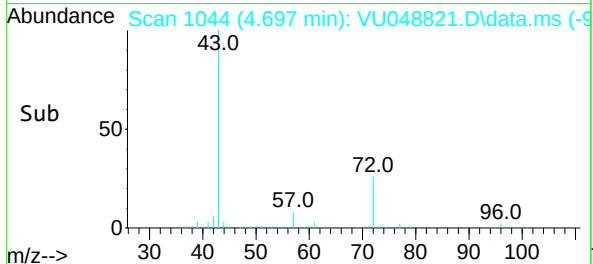
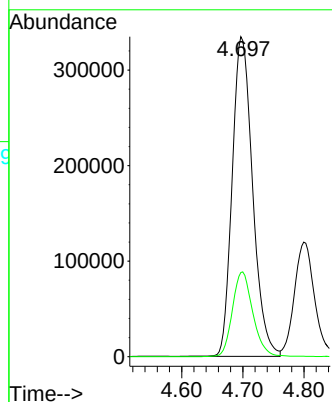
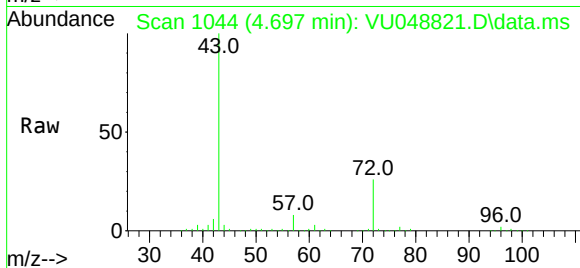
VSTDCCC050

Tgt Ion: 43 Resp: 776260

Ion Ratio Lower Upper

43 100

72 26.4 21.1 31.7



#26

2,2-Dichloropropane

Concen: 39.037 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU048821.D

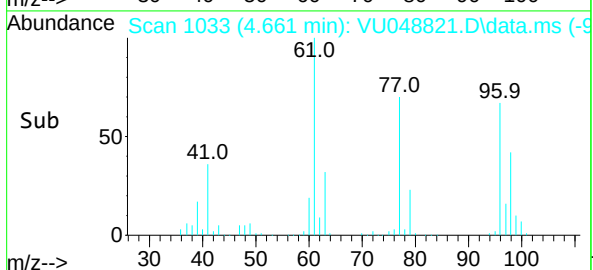
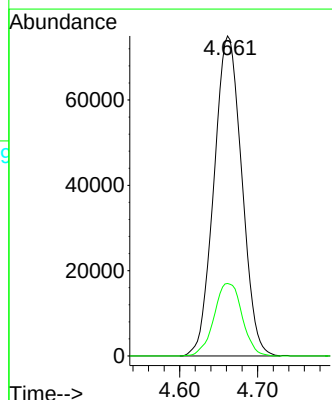
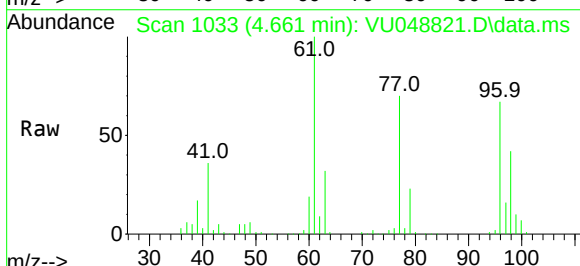
Acq: 02 Jun 2022 22:32

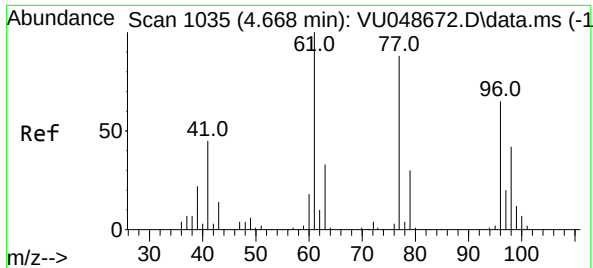
Tgt Ion: 77 Resp: 185988

Ion Ratio Lower Upper

77 100

97 22.9 11.1 33.1

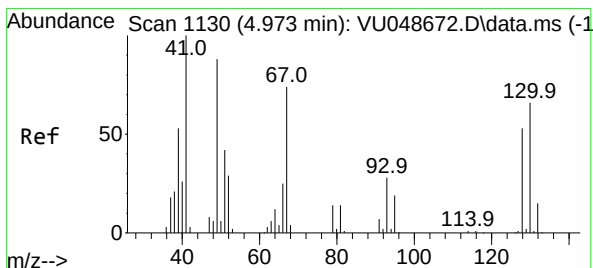
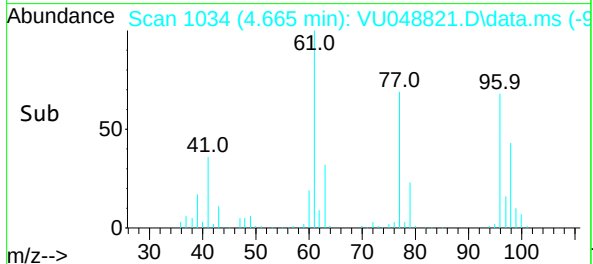
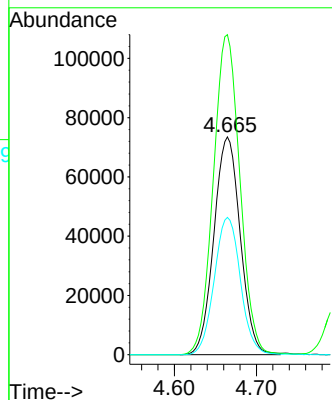
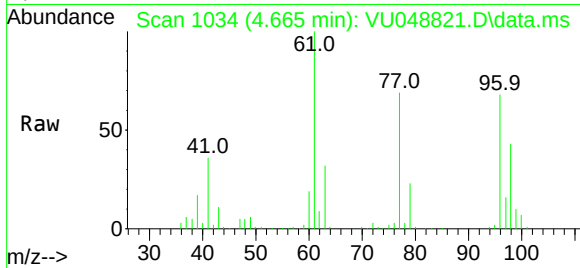




#27
 cis-1,2-Dichloroethene
 Concen: 52.417 ug/l
 RT: 4.665 min Scan# 1129
 Delta R.T. -0.003 min
 Lab File: VU048821.D
 Acq: 02 Jun 2022 22:32

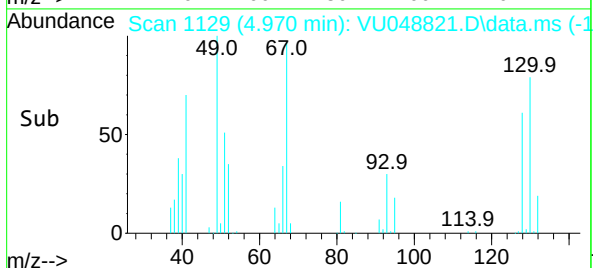
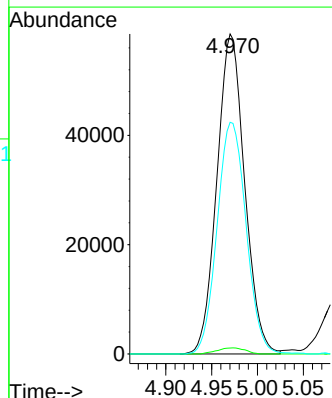
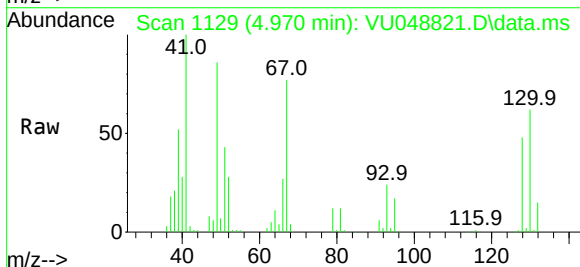
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

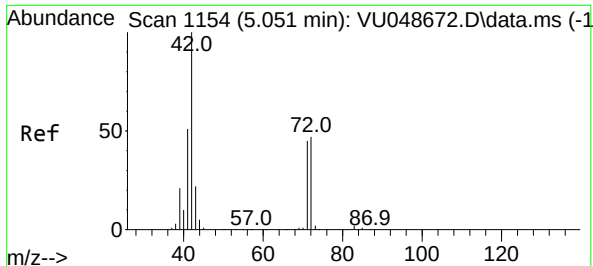
Tgt Ion: 96 Resp: 164255
 Ion Ratio Lower Upper
 96 100
 61 148.2 0.0 306.2
 98 62.6 0.0 130.4



#28
 Bromochloromethane
 Concen: 59.148 ug/l
 RT: 4.970 min Scan# 1129
 Delta R.T. -0.003 min
 Lab File: VU048821.D
 Acq: 02 Jun 2022 22:32

Tgt Ion: 49 Resp: 123207
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 75.6 62.1 93.1





#29

Tetrahydrofuran

Concen: 302.729 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. -0.003 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

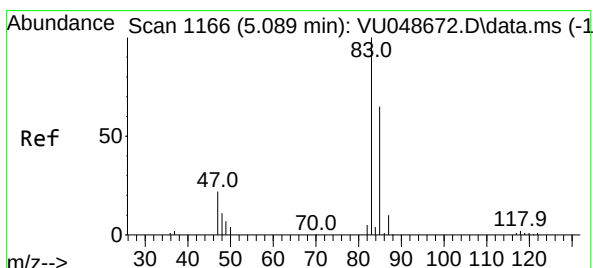
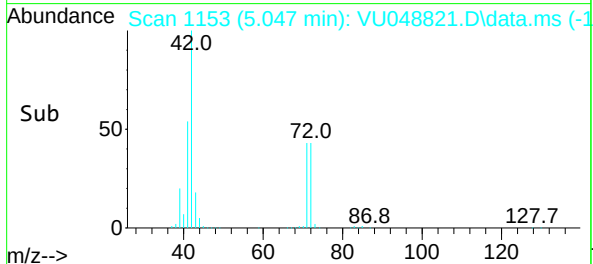
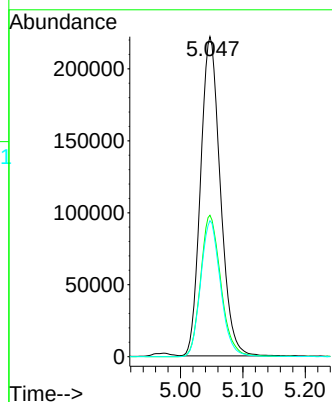
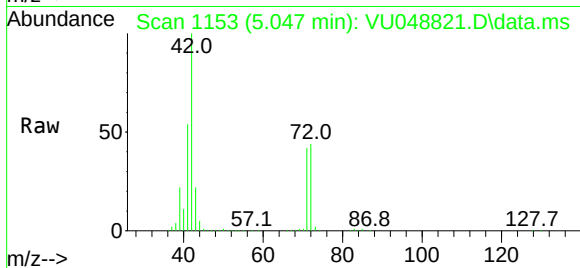
Tgt Ion: 42 Resp: 487542

Ion Ratio Lower Upper

42 100

72 45.5 37.6 56.4

71 42.7 35.0 52.4



#30

Chloroform

Concen: 54.523 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU048821.D

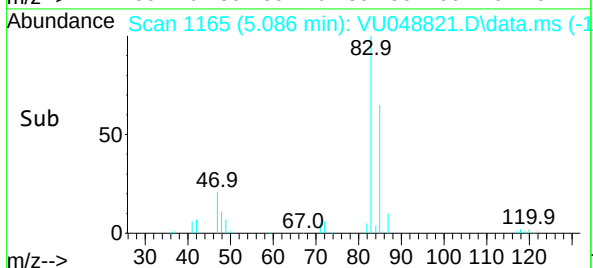
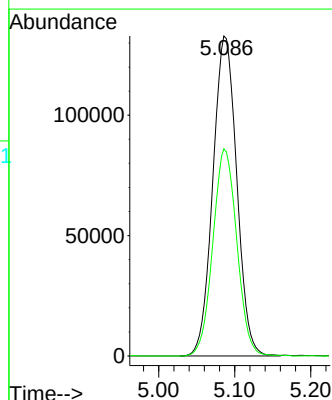
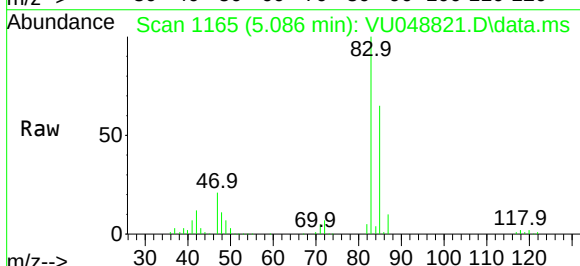
Acq: 02 Jun 2022 22:32

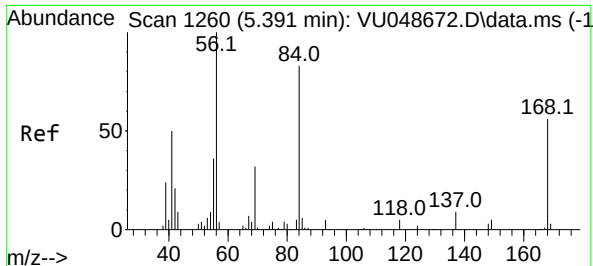
Tgt Ion: 83 Resp: 289723

Ion Ratio Lower Upper

83 100

85 64.8 52.2 78.2





#31

Cyclohexane

Concen: 52.108 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. -0.007 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

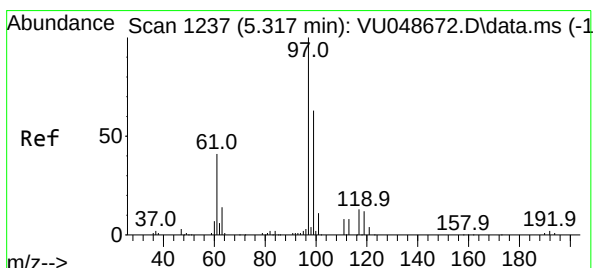
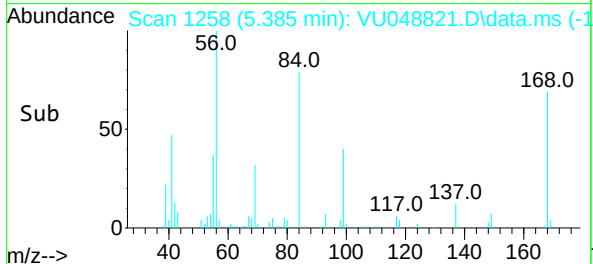
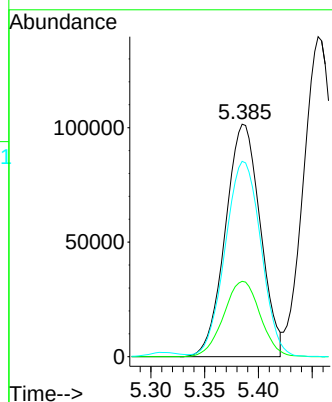
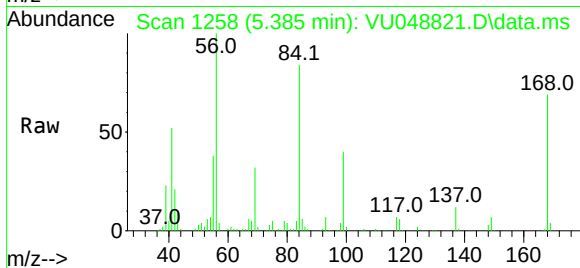
Tgt Ion: 56 Resp: 229332

Ion Ratio Lower Upper

56 100

69 32.4 25.6 38.4

84 82.9 66.2 99.4



#32

1,1,1-Trichloroethane

Concen: 51.092 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

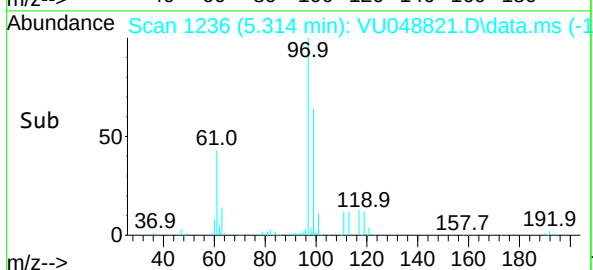
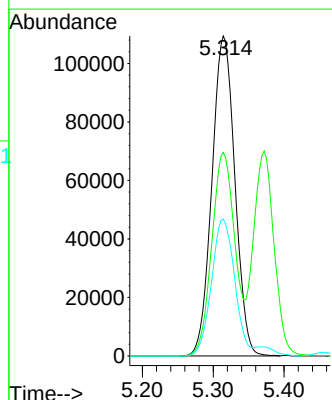
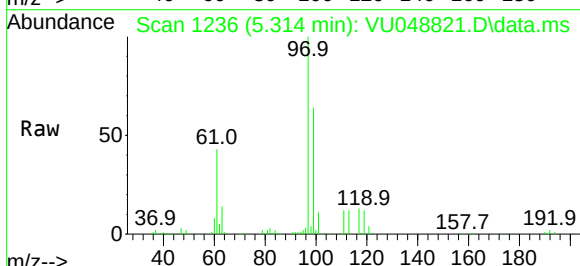
Tgt Ion: 97 Resp: 246311

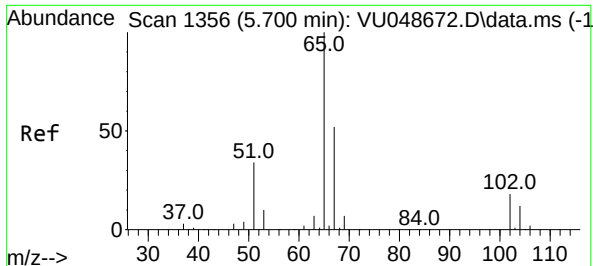
Ion Ratio Lower Upper

97 100

99 63.6 51.6 77.4

61 43.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 52.583 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

Instrument :

MSVOA_U

ClientSampleId :

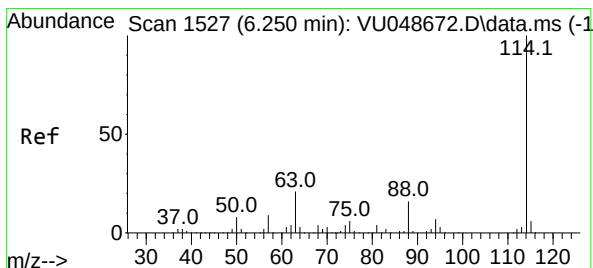
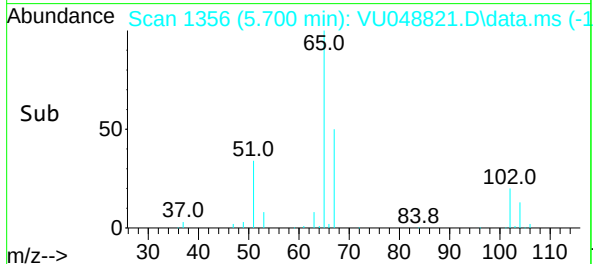
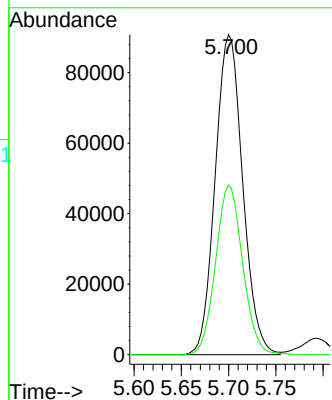
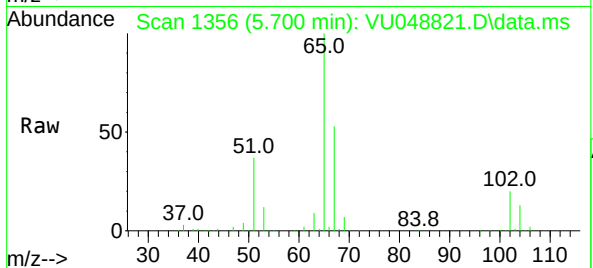
VSTDCCC050

Tgt Ion: 65 Resp: 183633

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.246 min Scan# 1526

Delta R.T. -0.004 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

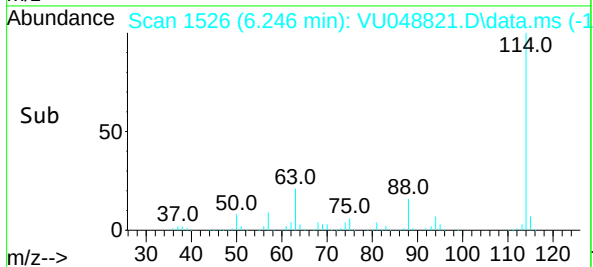
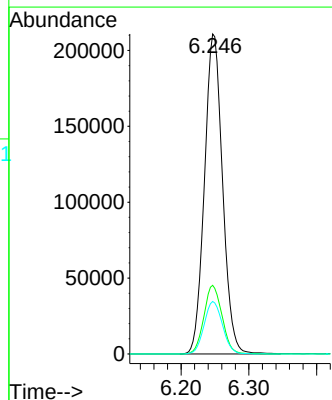
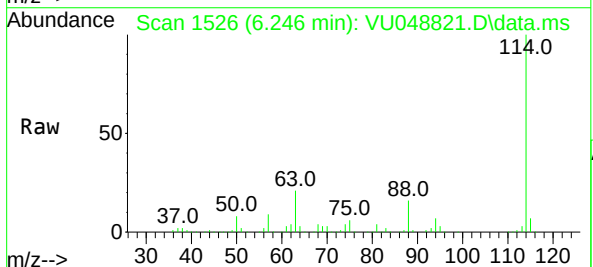
Tgt Ion: 114 Resp: 391292

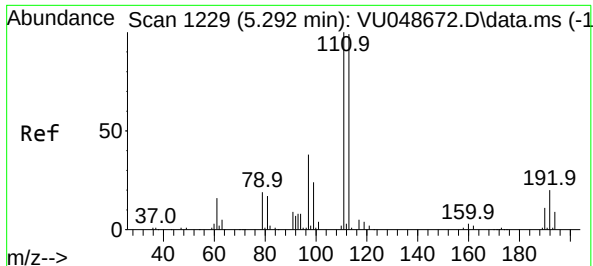
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

88 16.4 0.0 32.2

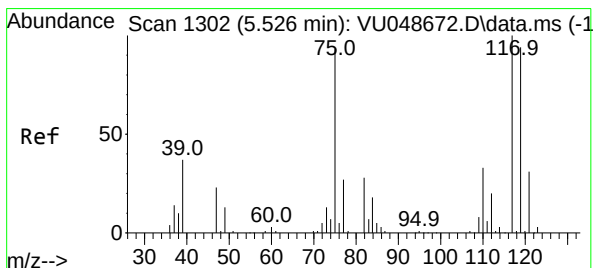
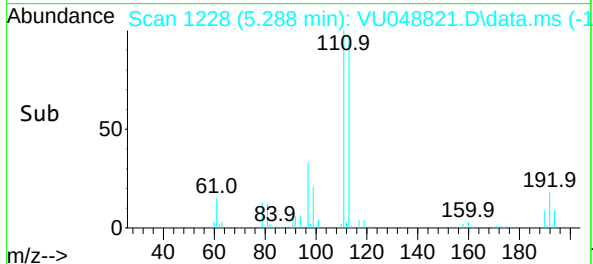
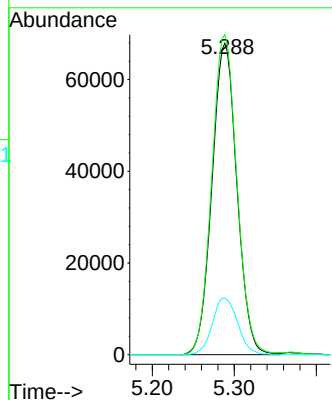
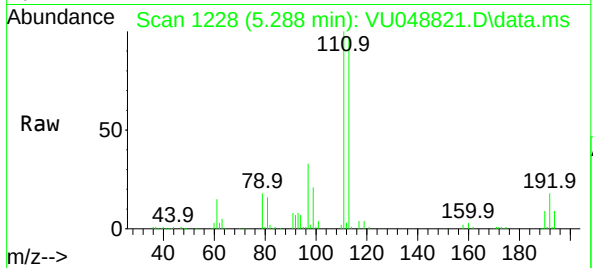




#35
Dibromofluoromethane
Concen: 51.475 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

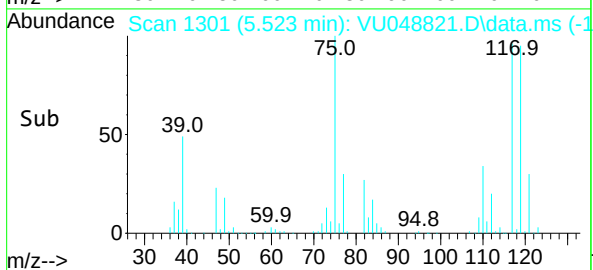
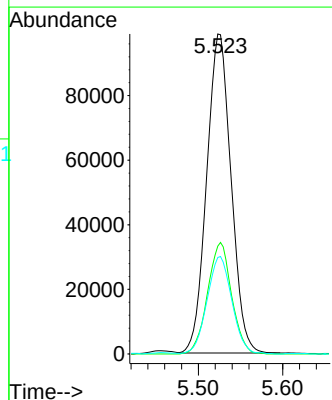
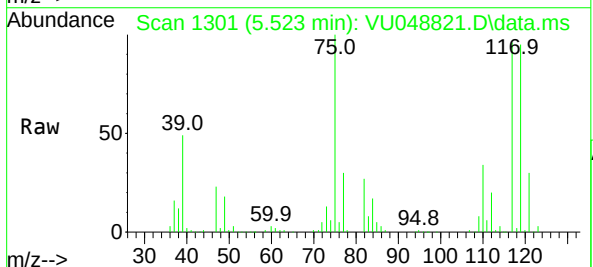
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

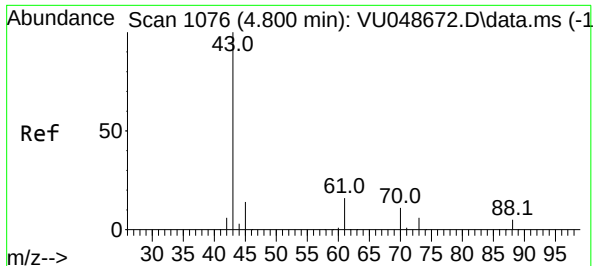
Tgt Ion:113 Resp: 143696
Ion Ratio Lower Upper
113 100
111 103.9 80.7 121.1
192 18.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 48.765 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. -0.003 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion: 75 Resp: 198680
Ion Ratio Lower Upper
75 100
110 34.3 17.4 52.3
77 31.1 24.8 37.2





#37

Ethyl Acetate

Concen: 52.787 ug/l

RT: 4.800 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

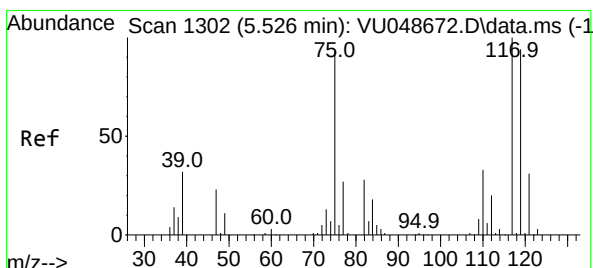
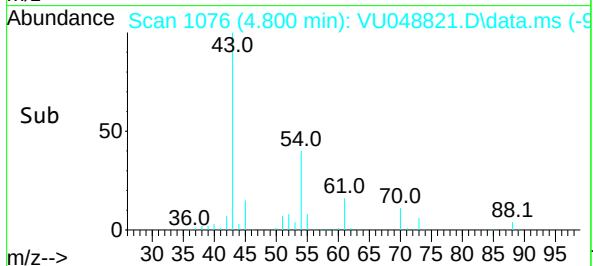
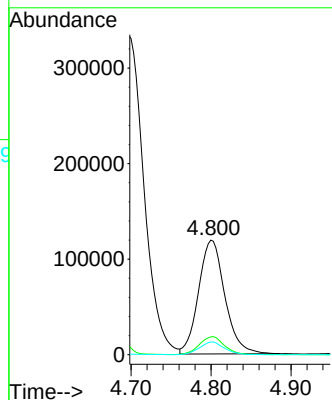
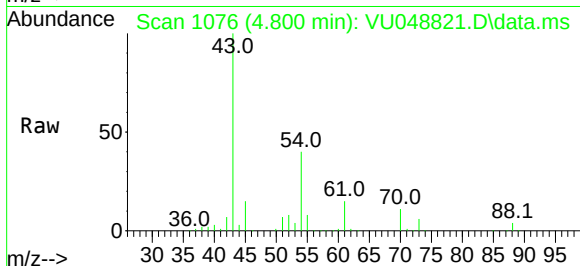
Tgt Ion: 43 Resp: 271882

Ion Ratio Lower Upper

43 100

61 15.3 11.7 17.5

70 10.6 8.4 12.6



#38

Carbon Tetrachloride

Concen: 44.464 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.003 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

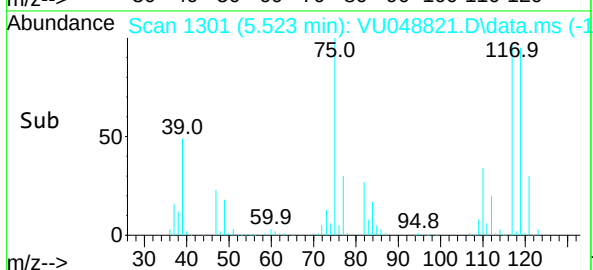
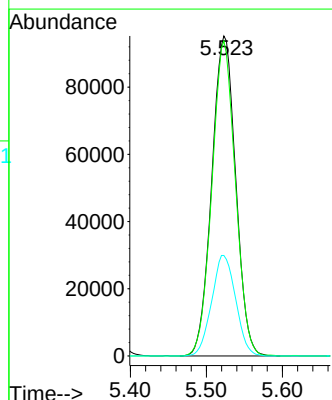
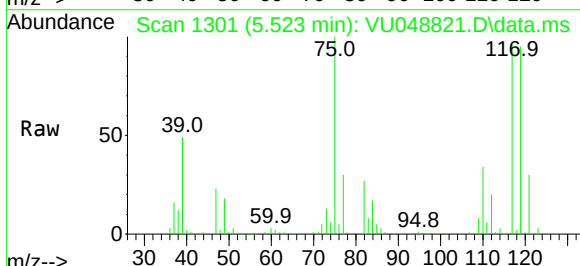
Tgt Ion: 117 Resp: 207836

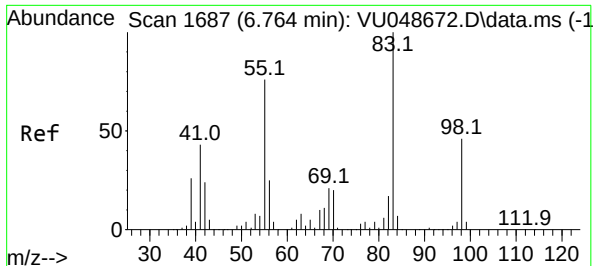
Ion Ratio Lower Upper

117 100

119 98.4 75.4 113.2

121 31.4 24.6 36.8





#39

Methylcyclohexane

Concen: 52.681 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

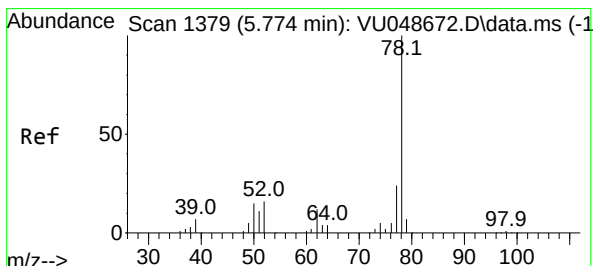
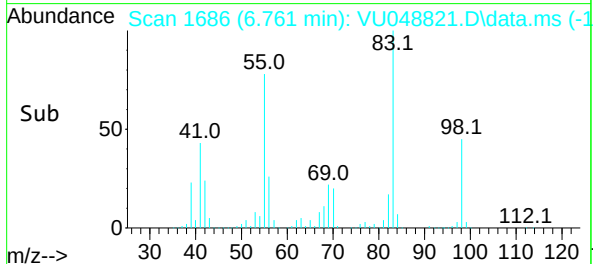
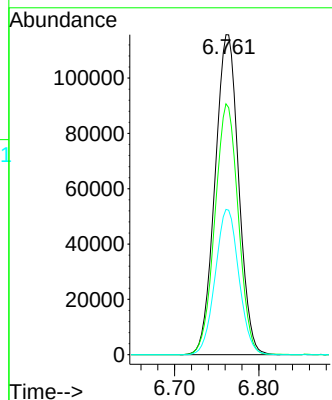
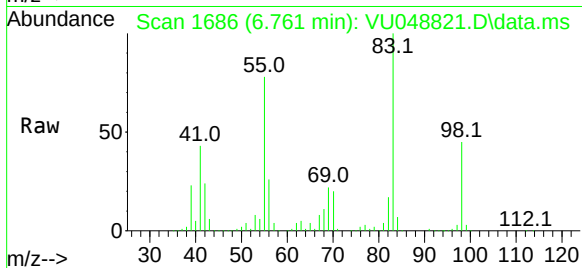
Tgt Ion: 83 Resp: 225050

Ion Ratio Lower Upper

83 100

55 78.4 61.0 91.6

98 45.4 36.8 55.2



#40

Benzene

Concen: 50.220 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VU048821.D

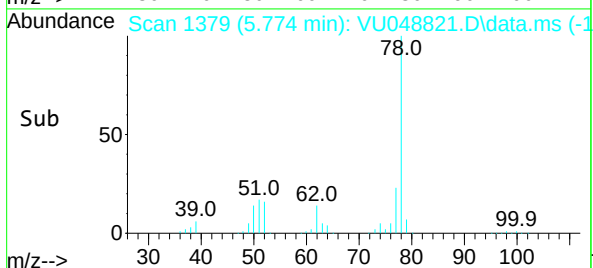
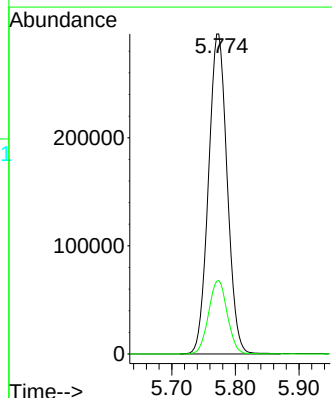
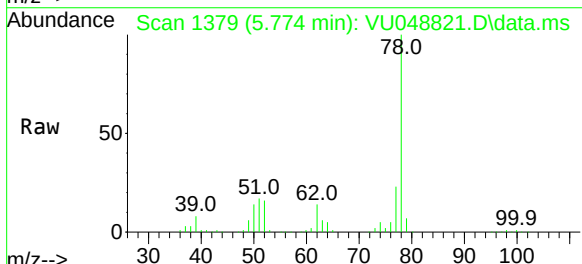
Acq: 02 Jun 2022 22:32

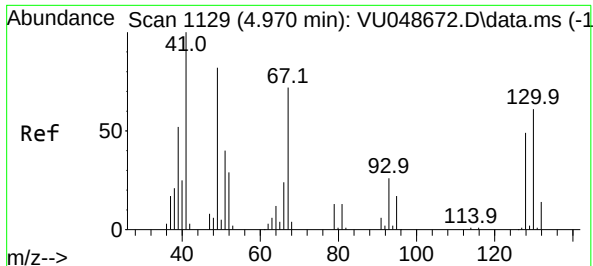
Tgt Ion: 78 Resp: 604059

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.6

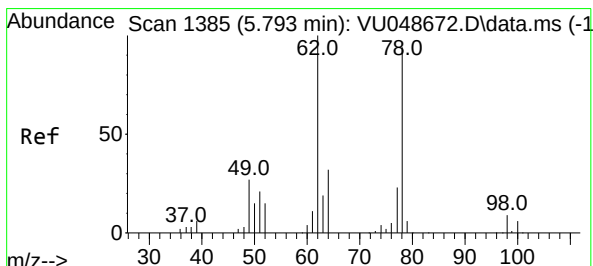
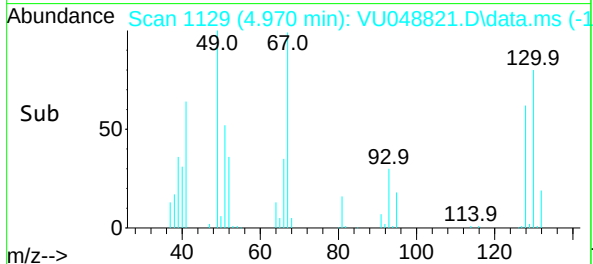
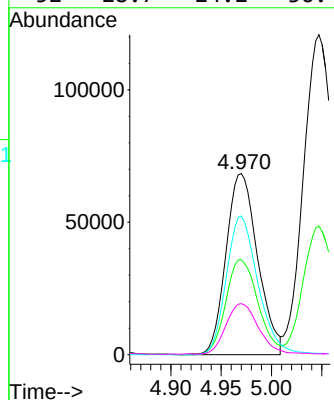
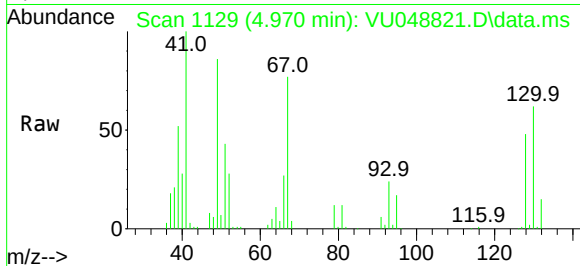




#41
Methacrylonitrile
Concen: 57.633 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

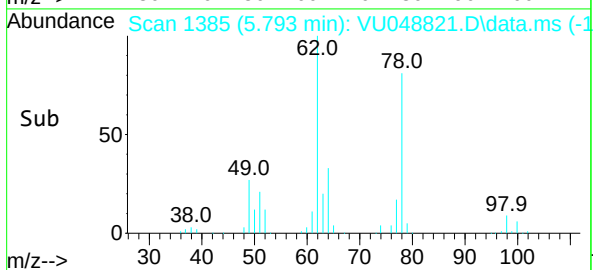
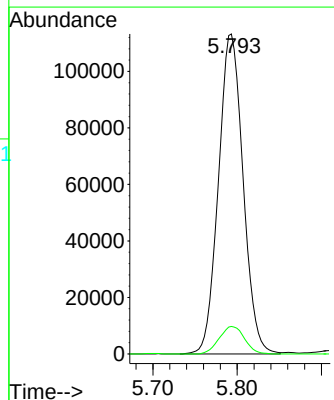
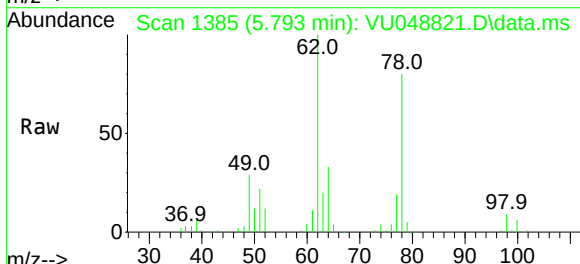
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

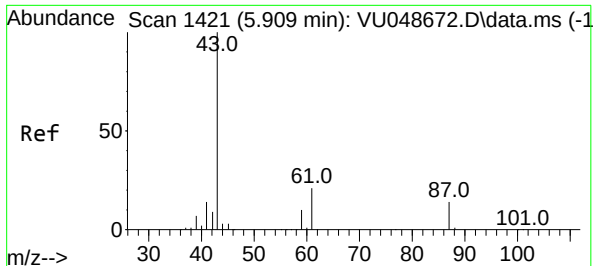
Tgt Ion: 41 Resp: 150006
Ion Ratio Lower Upper
41 100
39 53.6 42.6 64.0
67 77.1 61.0 91.4
52 28.7 24.2 36.4



#42
1,2-Dichloroethane
Concen: 48.792 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion: 62 Resp: 229740
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.0

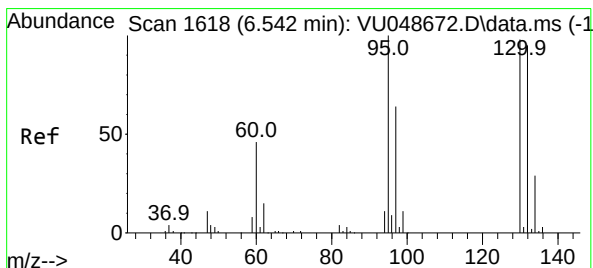
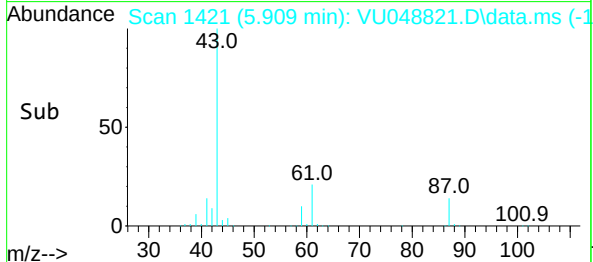
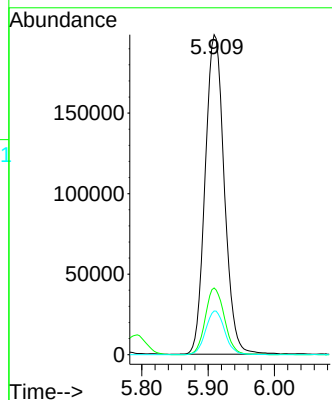
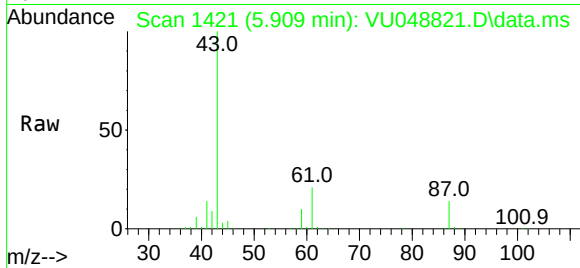




#43
Isopropyl Acetate
Concen: 53.116 ug/l
RT: 5.909 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

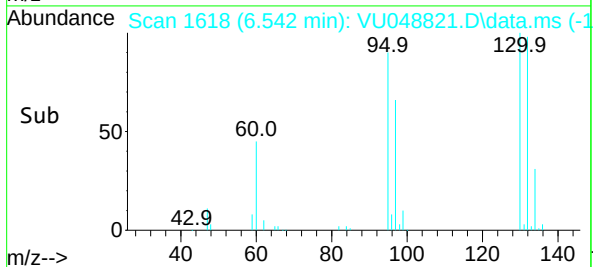
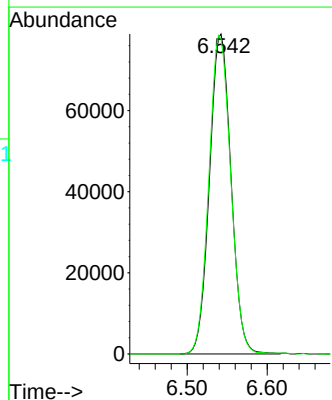
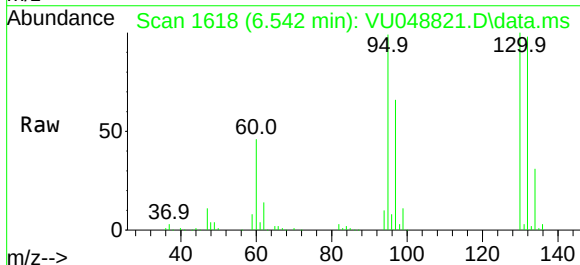
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

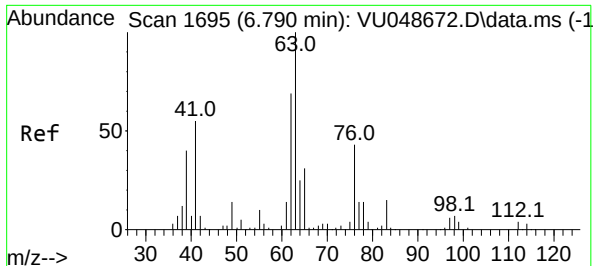
Tgt Ion: 43 Resp: 397077
Ion Ratio Lower Upper
43 100
61 21.0 16.7 25.1
87 13.7 10.9 16.3



#44
Trichloroethene
Concen: 47.572 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion:130 Resp: 147419
Ion Ratio Lower Upper
130 100
95 98.6 0.0 204.8





#45

1,2-Dichloropropane

Concen: 57.319 ug/l

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

Instrument :

MSVOA_U

ClientSampleId :

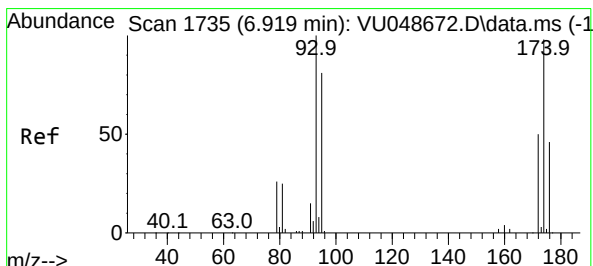
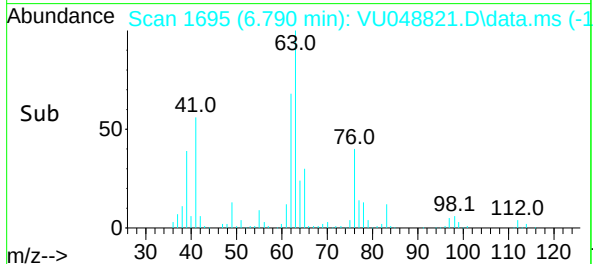
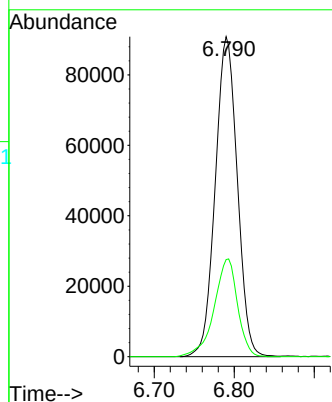
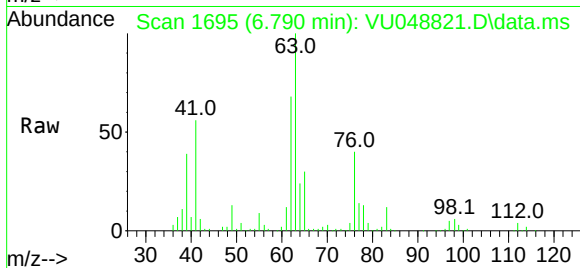
VSTDCCC050

Tgt Ion: 63 Resp: 173572

Ion Ratio Lower Upper

63 100

65 30.3 24.8 37.2



#46

Dibromomethane

Concen: 50.877 ug/l

RT: 6.918 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

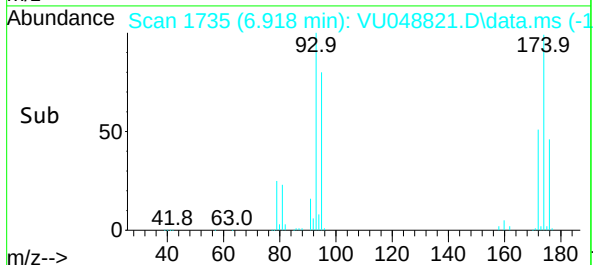
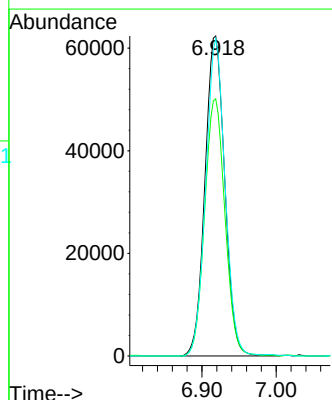
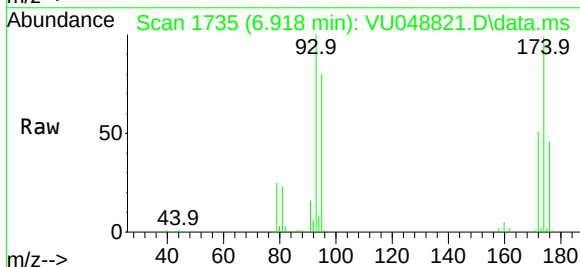
Tgt Ion: 93 Resp: 115102

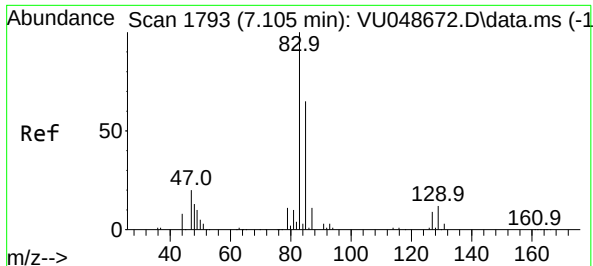
Ion Ratio Lower Upper

93 100

95 82.7 65.1 97.7

174 96.9 77.8 116.6

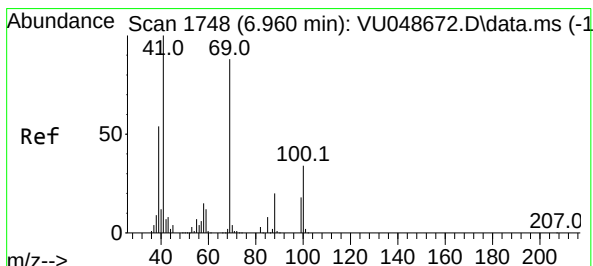
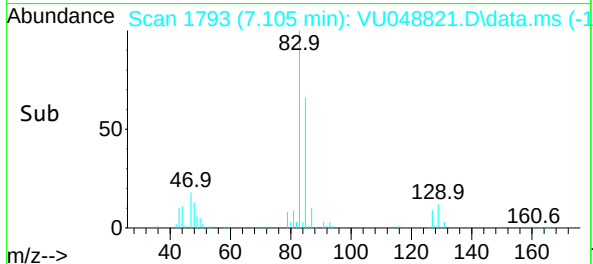
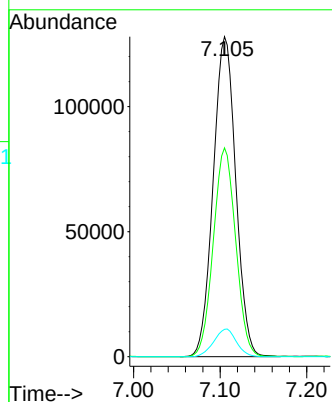
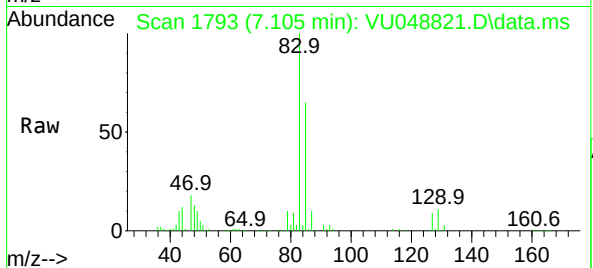




#47
Bromodichloromethane
Concen: 50.713 ug/l
RT: 7.105 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

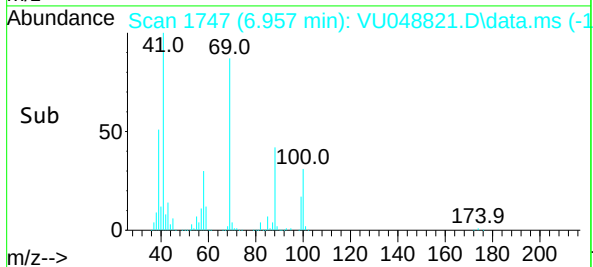
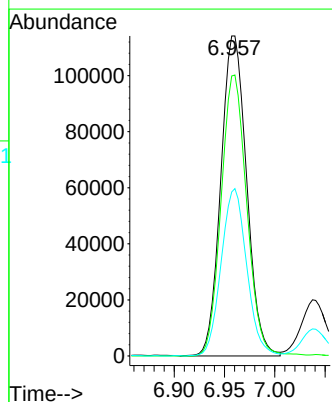
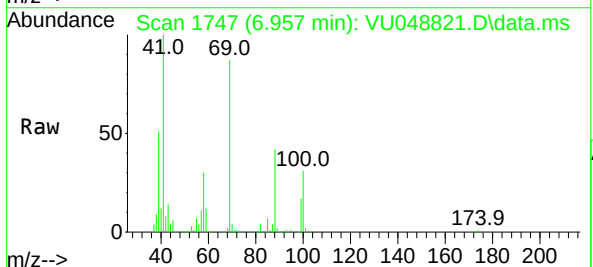
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

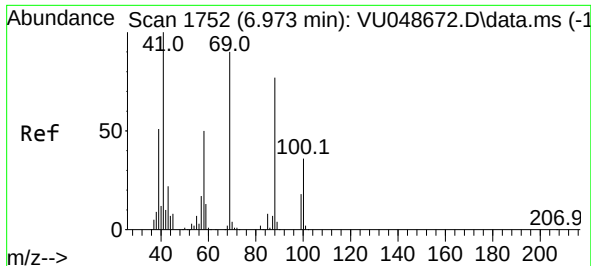
Tgt Ion: 83 Resp: 232019
Ion Ratio Lower Upper
83 100
85 65.2 52.1 78.1
127 8.5 6.9 10.3



#48
Methyl methacrylate
Concen: 60.678 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. -0.003 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion: 41 Resp: 203632
Ion Ratio Lower Upper
41 100
69 87.4 70.7 106.1
39 51.9 43.4 65.2





#49

1,4-Dioxane

Concen: 1475.020 ug/l

RT: 6.963 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

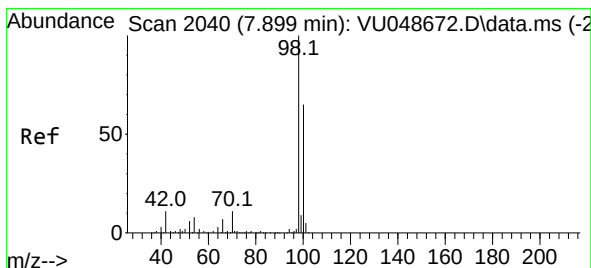
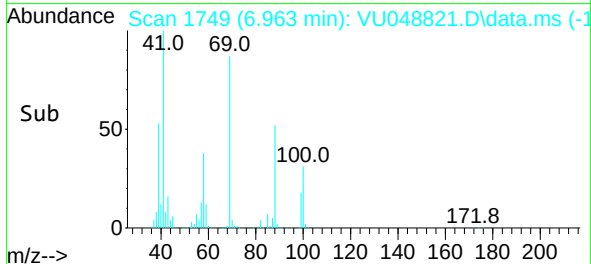
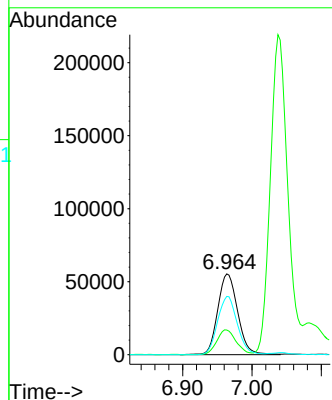
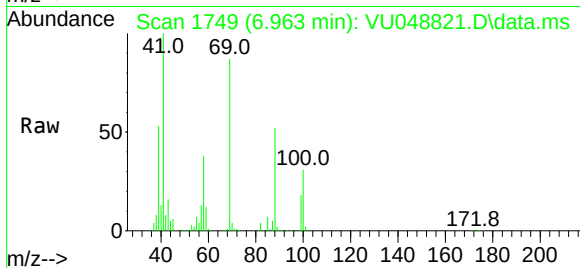
Tgt Ion: 88 Resp: 110657

Ion Ratio Lower Upper

88 100

43 29.6 24.6 36.8

58 71.2 54.7 82.1



#50

Toluene-d8

Concen: 51.047 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. -0.003 min

Lab File: VU048821.D

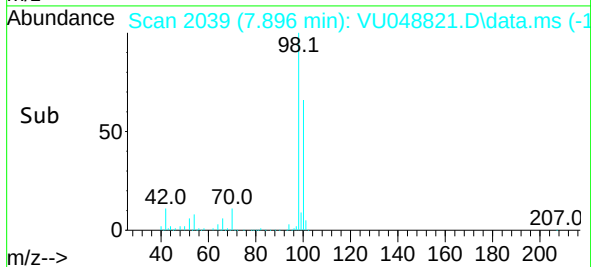
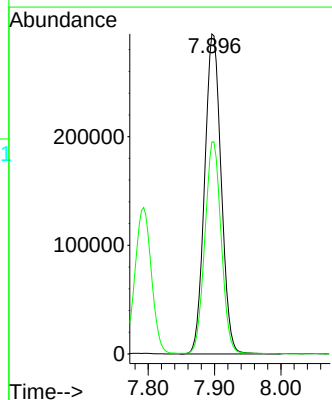
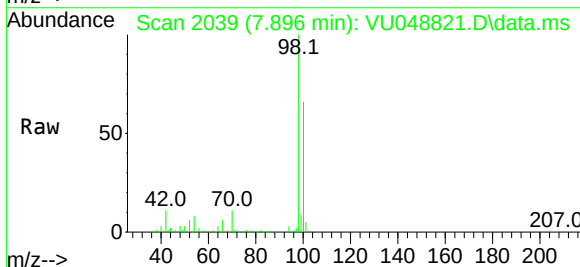
Acq: 02 Jun 2022 22:32

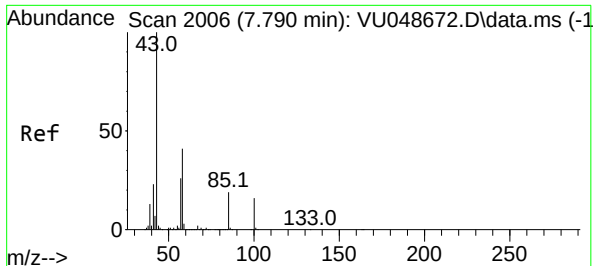
Tgt Ion: 98 Resp: 510813

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 317.392 ug/l

RT: 7.793 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

Instrument :

MSVOA_U

ClientSampleId :

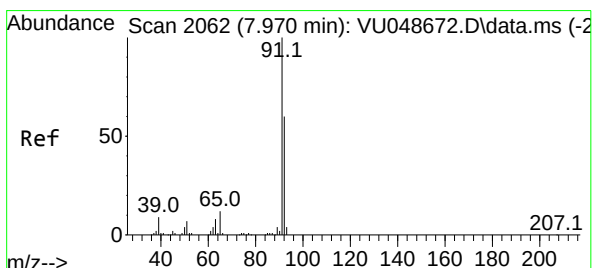
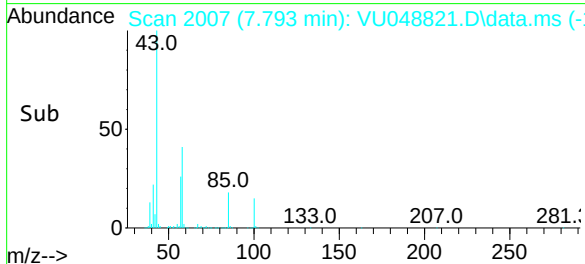
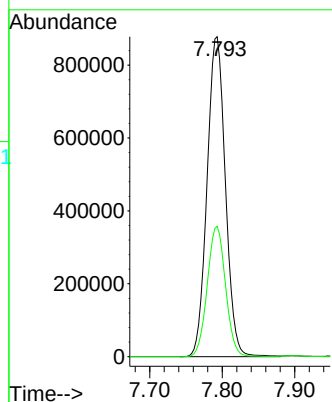
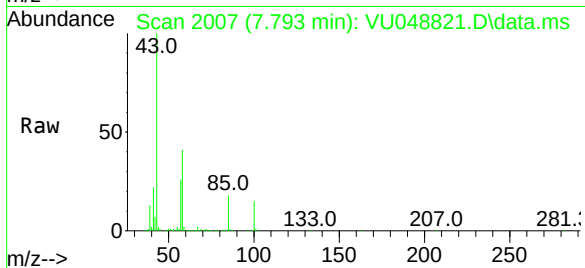
VSTDCCC050

Tgt Ion: 43 Resp: 1540652

Ion Ratio Lower Upper

43 100

58 40.7 32.7 49.1



#52

Toluene

Concen: 52.758 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU048821.D

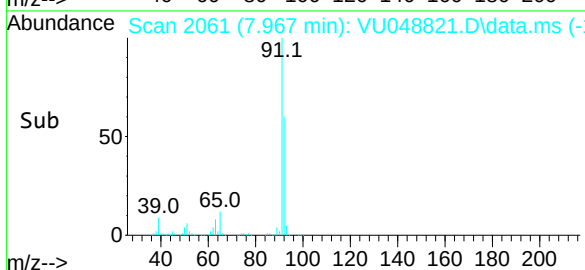
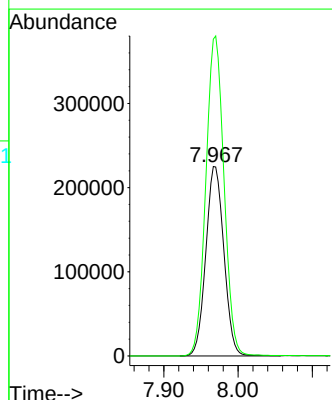
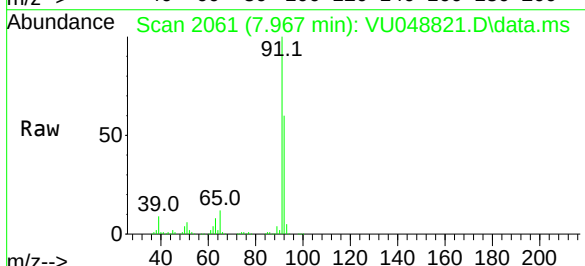
Acq: 02 Jun 2022 22:32

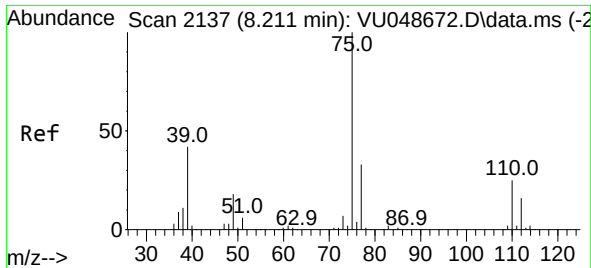
Tgt Ion: 92 Resp: 379579

Ion Ratio Lower Upper

92 100

91 169.6 135.0 202.4

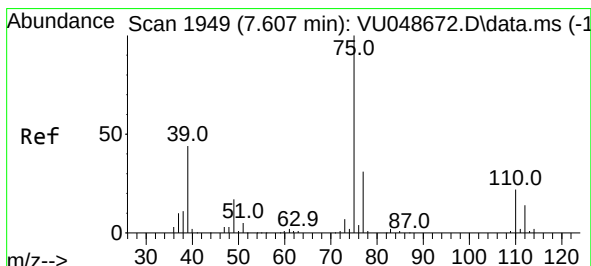
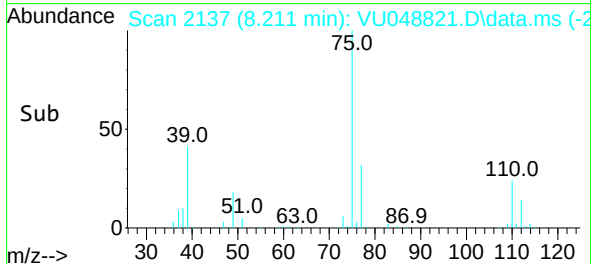
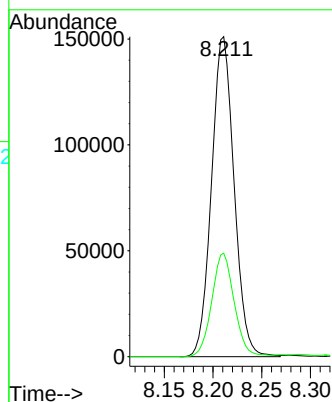
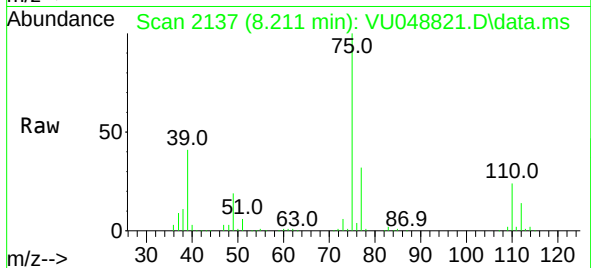




#53
 t-1,3-Dichloropropene
 Concen: 49.327 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. -0.000 min
 Lab File: VU048821.D
 Acq: 02 Jun 2022 22:32

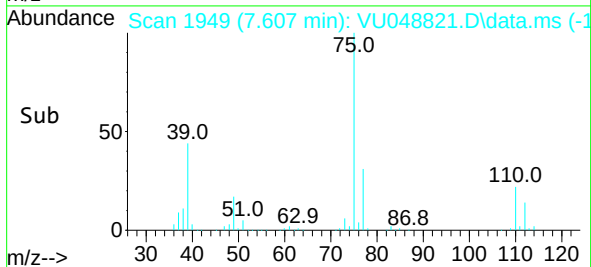
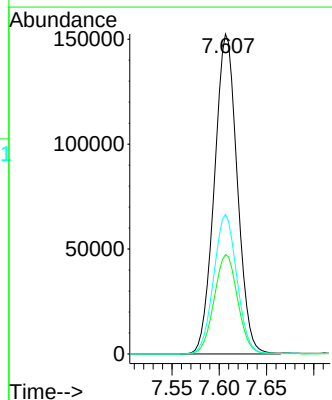
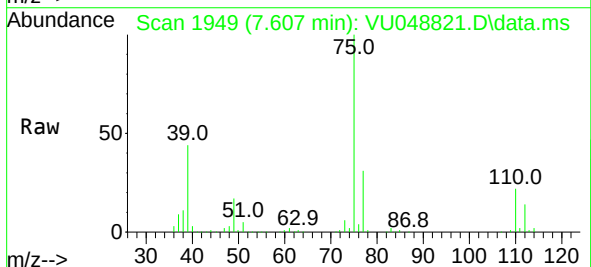
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

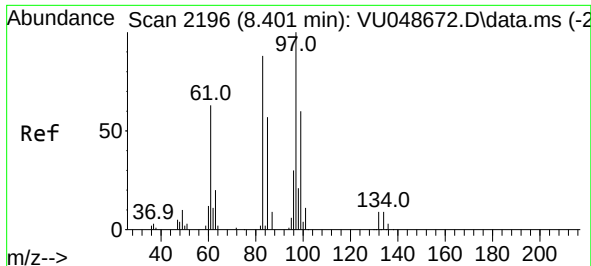
Tgt Ion: 75 Resp: 243446
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 50.087 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VU048821.D
 Acq: 02 Jun 2022 22:32

Tgt Ion: 75 Resp: 256151
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.9 37.3
 39 43.6 35.2 52.8



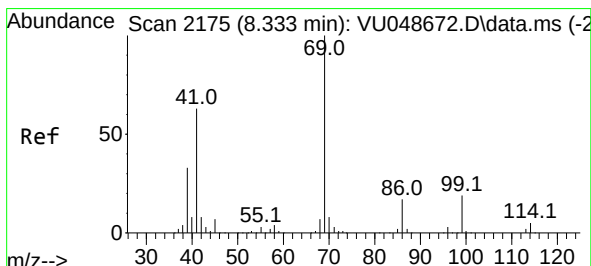
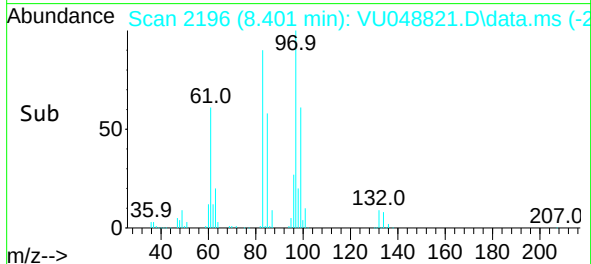
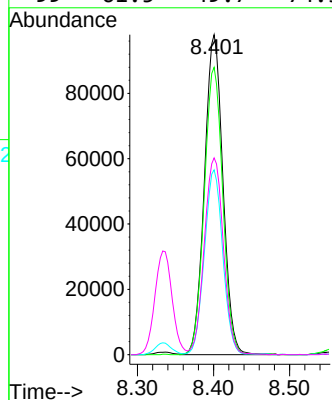
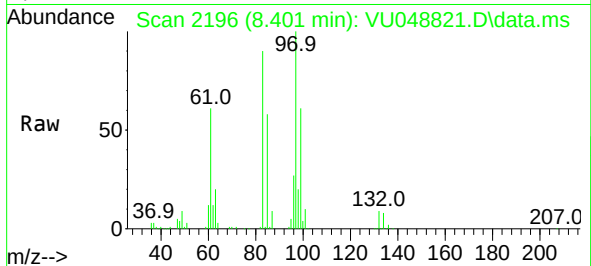


#55
1,1,2-Trichloroethane
Concen: 52.167 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 165647

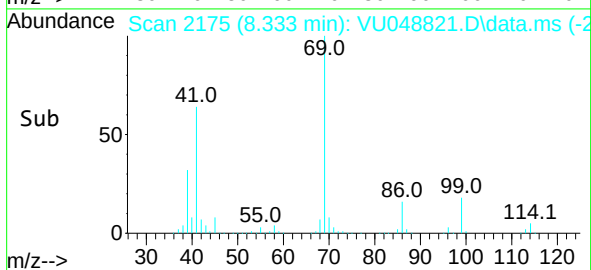
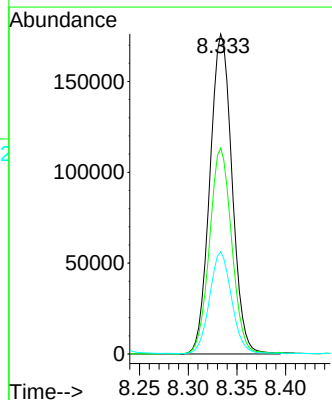
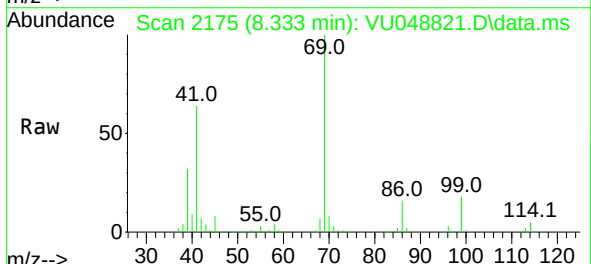
Ion	Ratio	Lower	Upper
97	100		
83	89.8	70.2	105.4
85	57.7	45.6	68.4
99	61.5	49.7	74.5

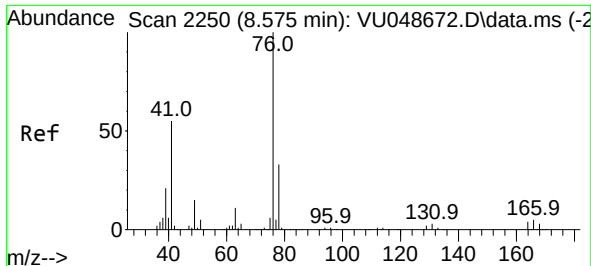


#56
Ethyl methacrylate
Concen: 55.363 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion: 69 Resp: 279277

Ion	Ratio	Lower	Upper
69	100		
41	64.4	50.6	76.0
39	31.6	26.6	40.0





#57

1,3-Dichloropropane

Concen: 50.398 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

Instrument :

MSVOA_U

ClientSampleId :

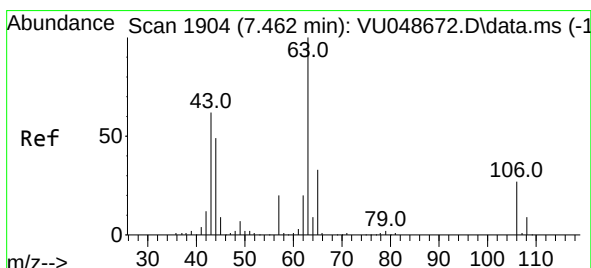
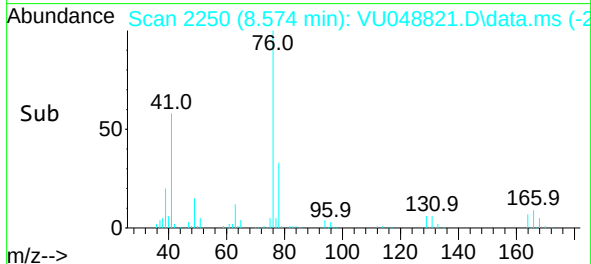
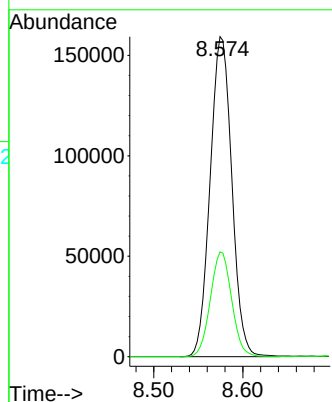
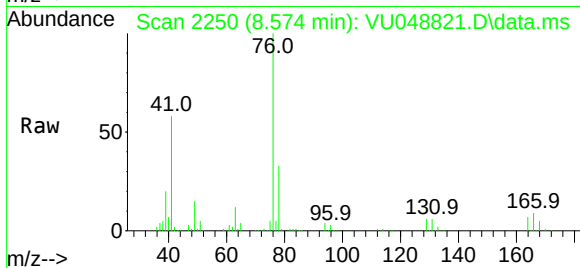
VSTDCCC050

Tgt Ion: 76 Resp: 269340

Ion Ratio Lower Upper

76 100

78 32.1 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 226.170 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VU048821.D

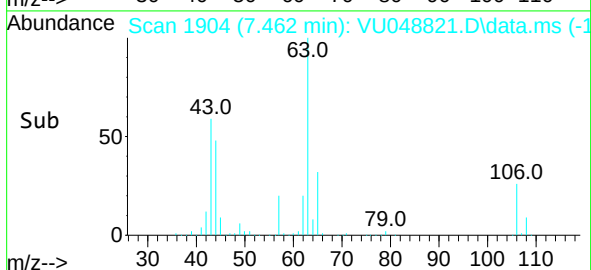
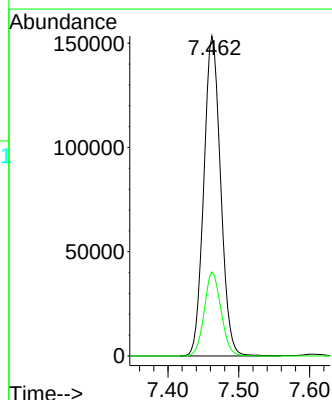
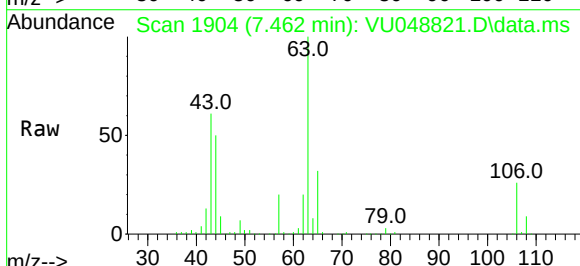
Acq: 02 Jun 2022 22:32

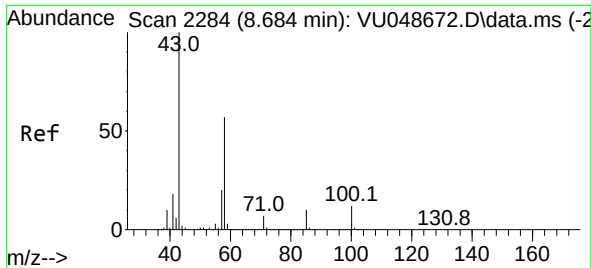
Tgt Ion: 63 Resp: 252944

Ion Ratio Lower Upper

63 100

106 26.1 22.2 33.2

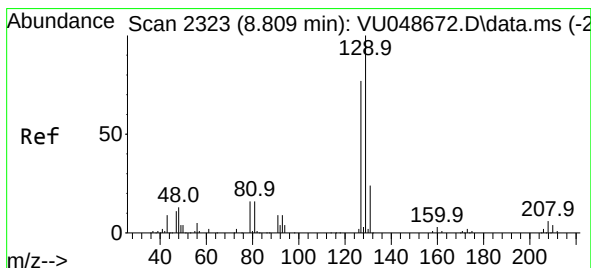
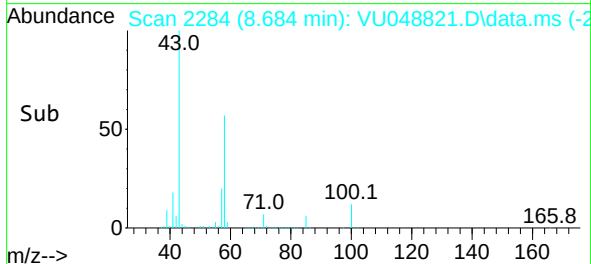
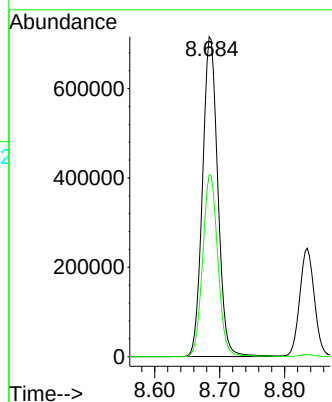
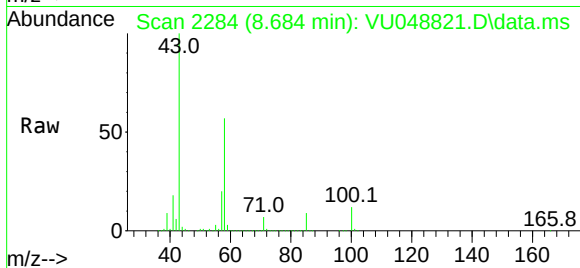




#59
2-Hexanone
Concen: 294.610 ug/l
RT: 8.684 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

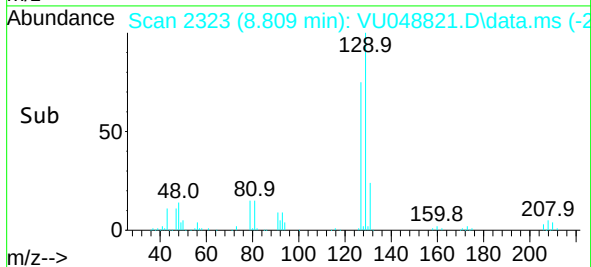
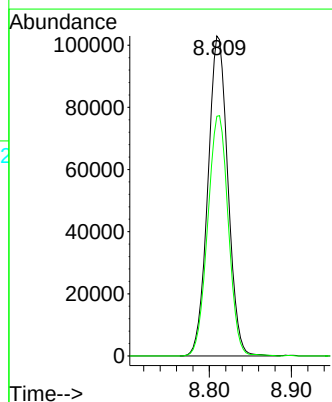
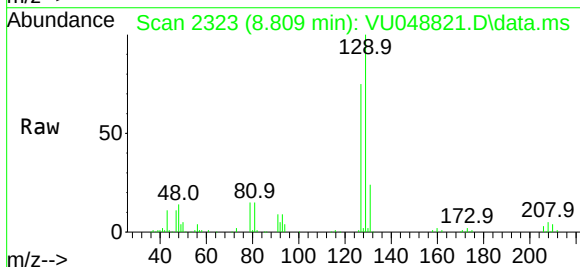
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

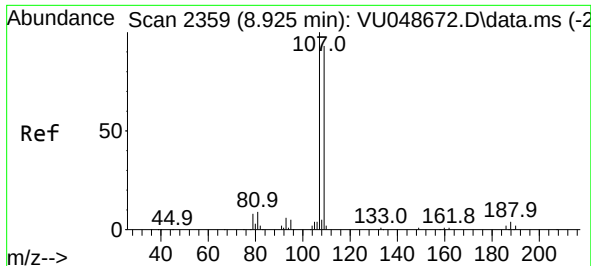
Tgt Ion: 43 Resp: 1174041
Ion Ratio Lower Upper
43 100
58 56.5 28.2 84.6



#60
Dibromochloromethane
Concen: 48.926 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion: 129 Resp: 174145
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3

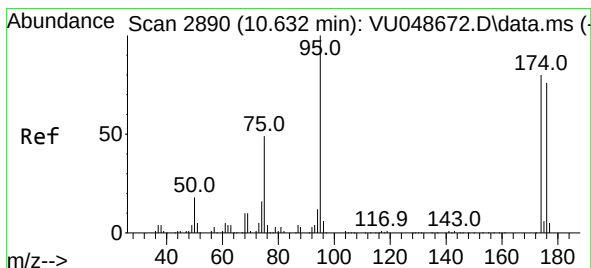
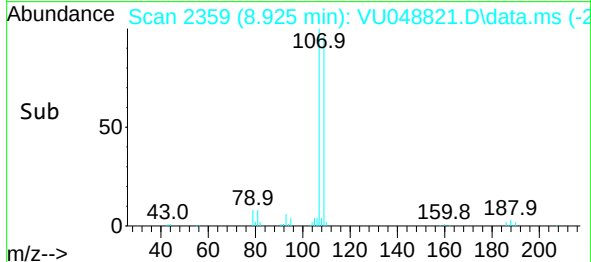
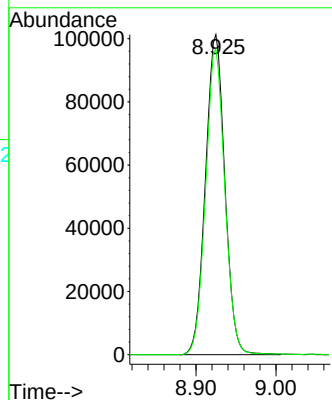
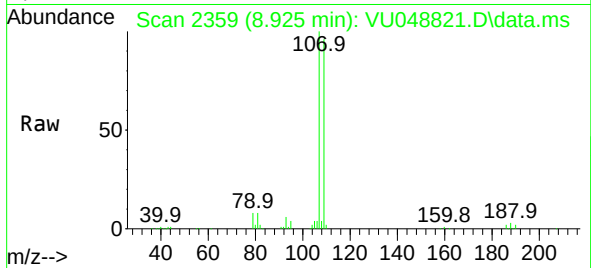




#61
1,2-Dibromoethane
Concen: 48.903 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

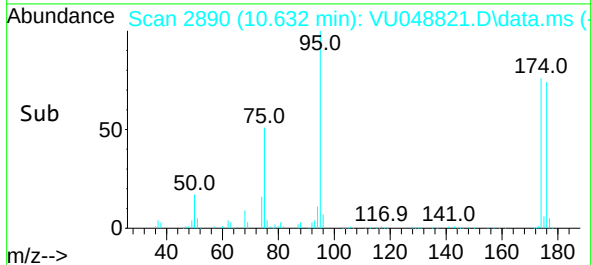
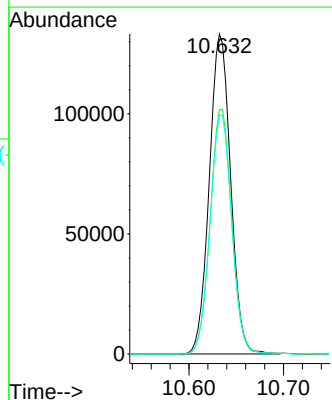
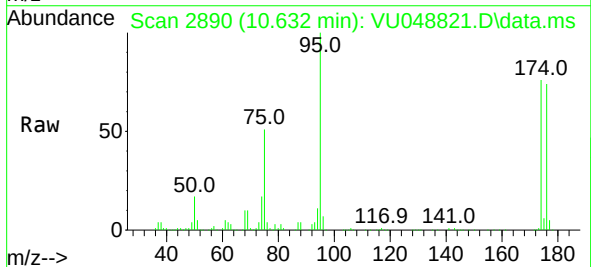
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

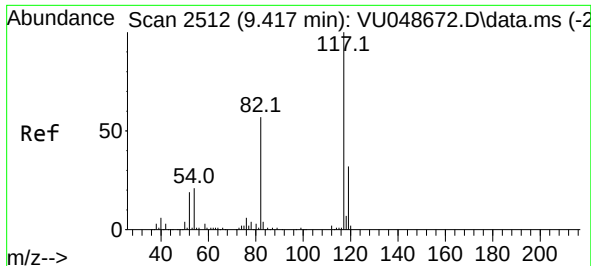
Tgt Ion:107 Resp: 171012
Ion Ratio Lower Upper
107 100
109 94.7 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 55.076 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion: 95 Resp: 208434
Ion Ratio Lower Upper
95 100
174 77.5 0.0 159.4
176 76.2 0.0 152.4

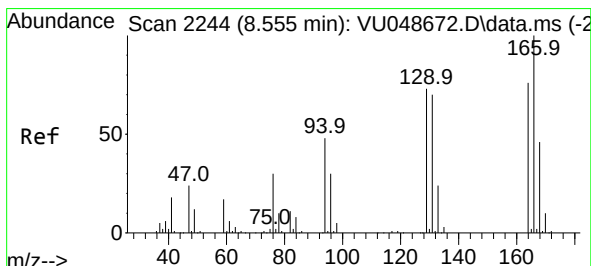
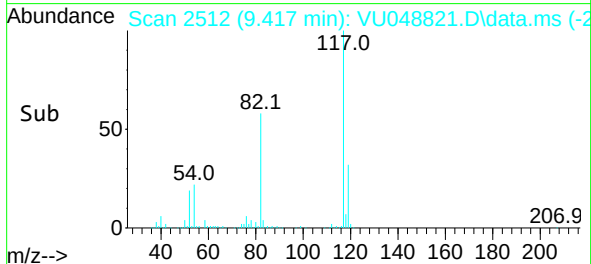
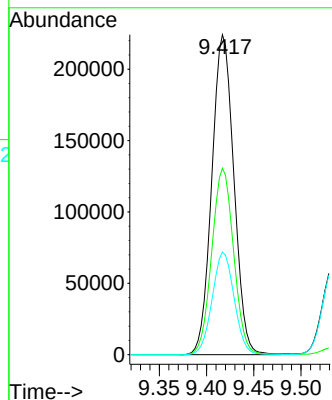
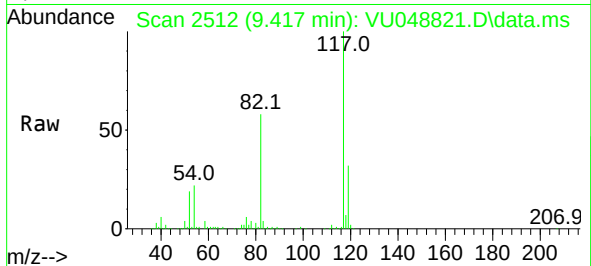




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

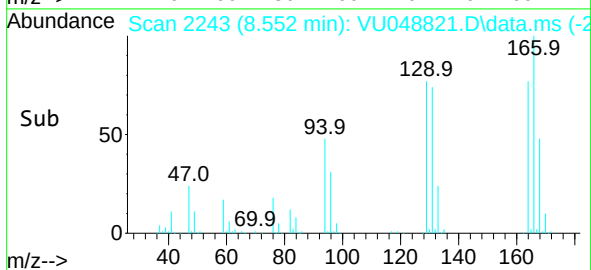
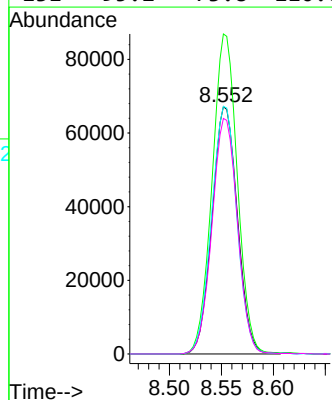
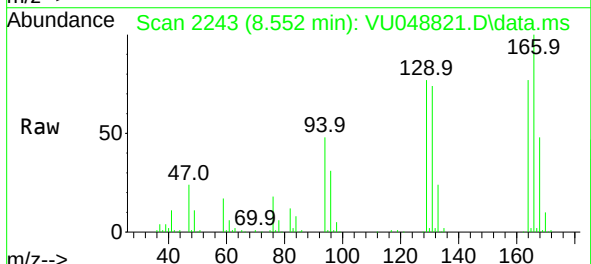
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

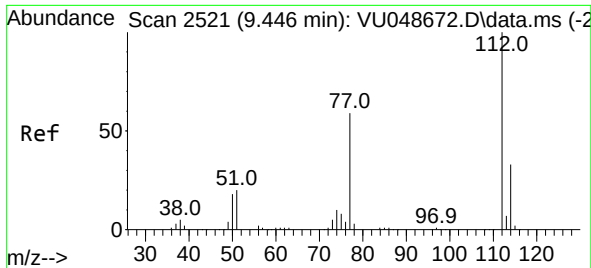
Tgt Ion:117 Resp: 363766
Ion Ratio Lower Upper
117 100
82 58.3 45.3 67.9
119 32.1 25.4 38.2



#64
Tetrachloroethene
Concen: 45.018 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion:164 Resp: 113994
Ion Ratio Lower Upper
164 100
166 129.3 105.0 157.4
129 100.0 76.5 114.7
131 95.2 73.8 110.6

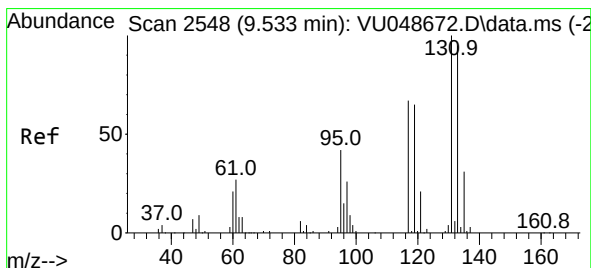
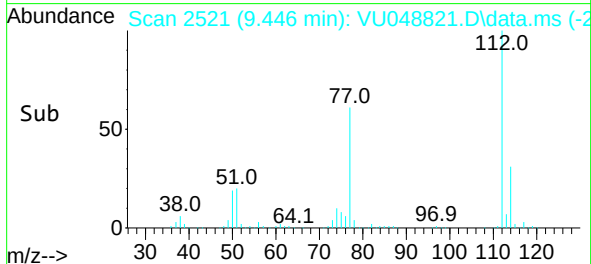
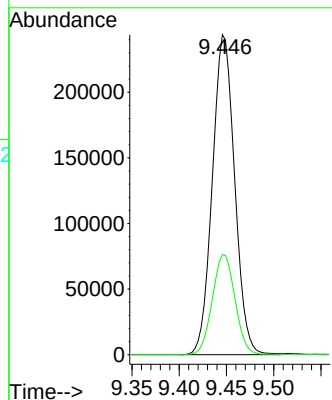
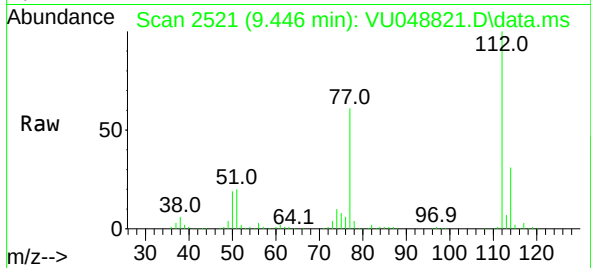




#65
Chlorobenzene
Concen: 51.988 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

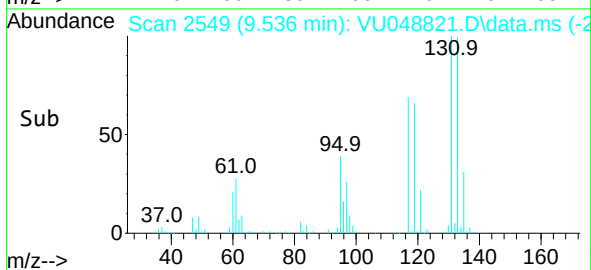
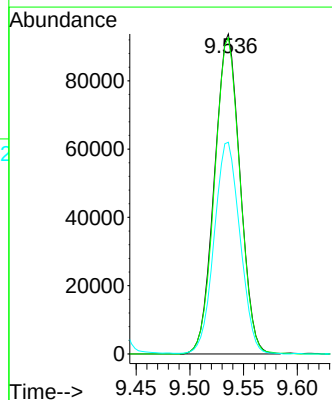
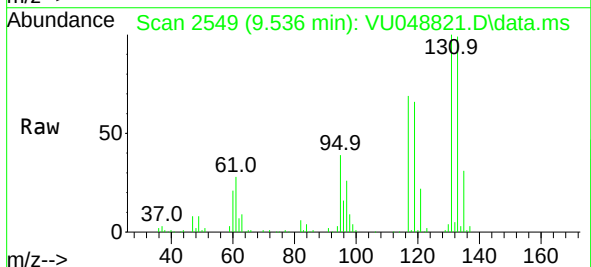
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

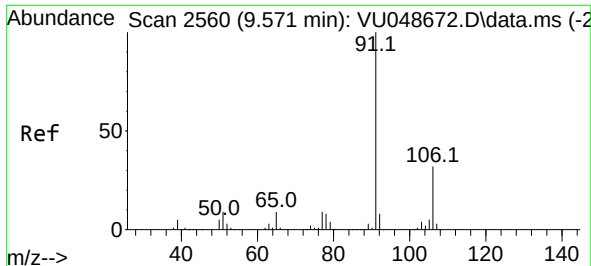
Tgt Ion:112 Resp: 399981
Ion Ratio Lower Upper
112 100
114 31.3 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.088 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion:131 Resp: 155035
Ion Ratio Lower Upper
131 100
133 98.1 48.5 145.5
119 67.1 32.7 98.1





#67

Ethyl Benzene

Concen: 55.054 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

Instrument :

MSVOA_U

ClientSampleId :

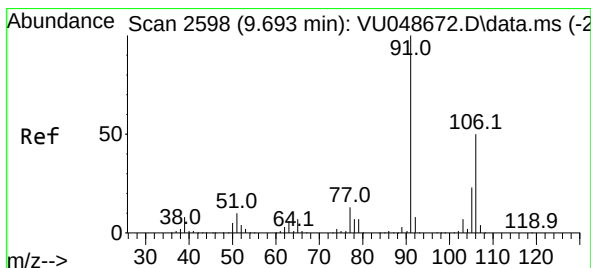
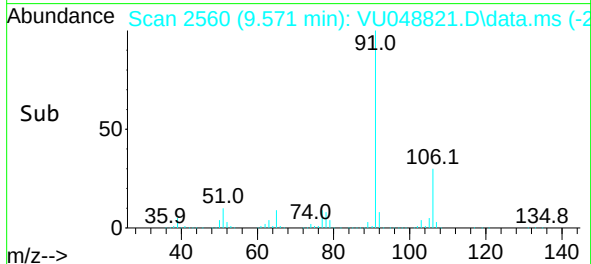
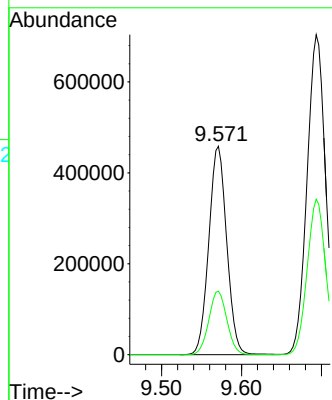
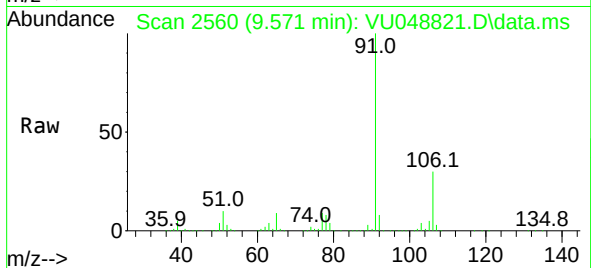
VSTDCCC050

Tgt Ion: 91 Resp: 714388

Ion Ratio Lower Upper

91 100

106 30.5 25.4 38.2



#68

m/p-Xylenes

Concen: 108.897 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU048821.D

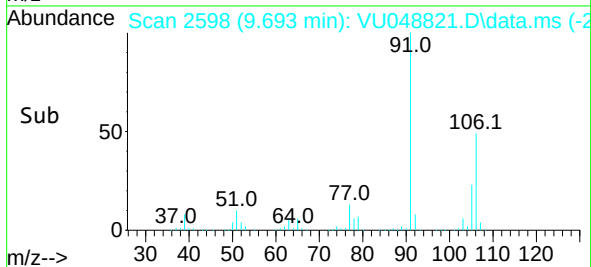
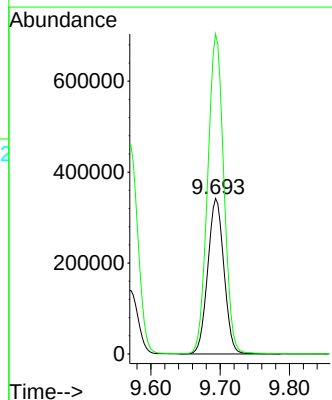
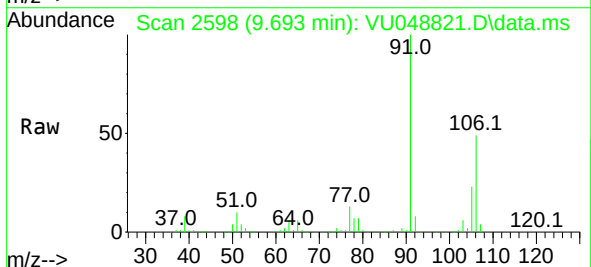
Acq: 02 Jun 2022 22:32

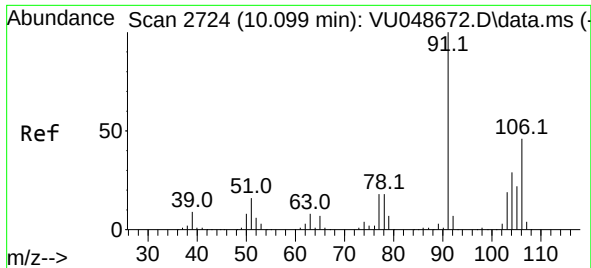
Tgt Ion: 106 Resp: 552666

Ion Ratio Lower Upper

106 100

91 205.9 162.4 243.6

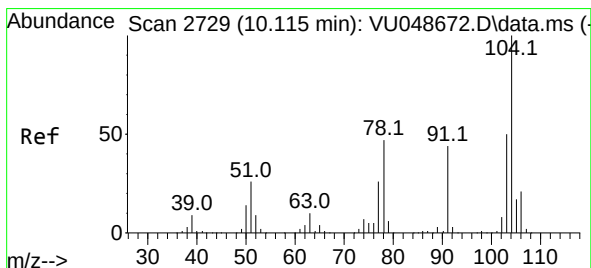
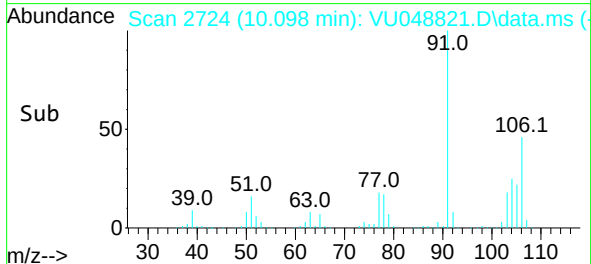
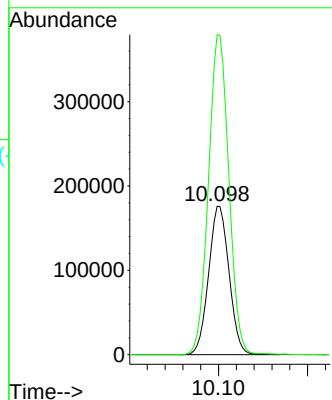
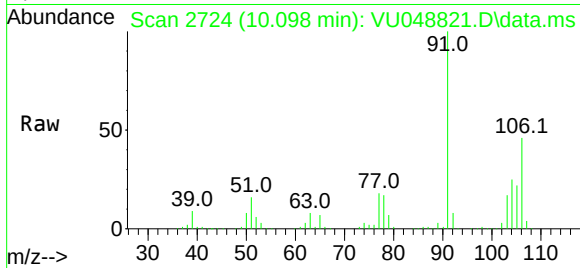




#69
o-Xylene
Concen: 56.203 ug/l
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

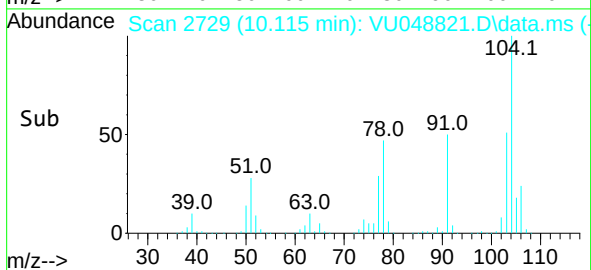
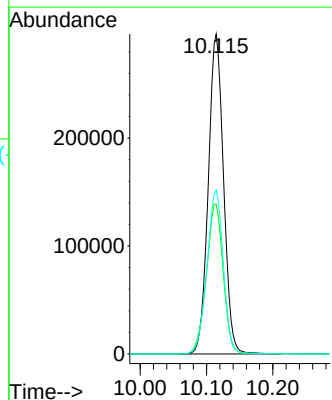
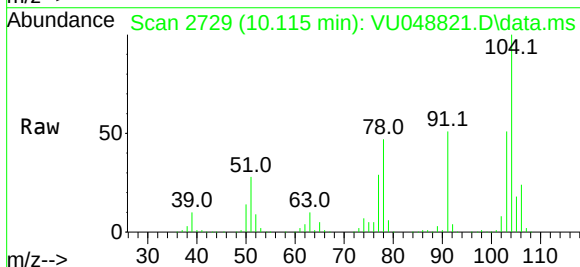
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

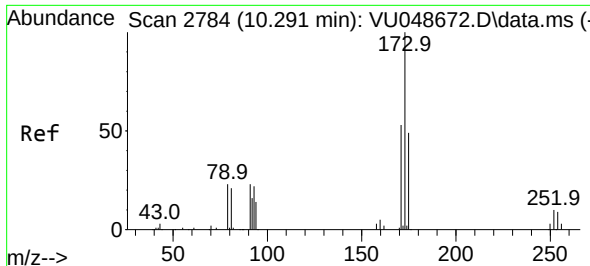
Tgt Ion:106 Resp: 280234
Ion Ratio Lower Upper
106 100
91 214.9 107.7 323.3



#70
Styrene
Concen: 57.878 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.001 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion:104 Resp: 474674
Ion Ratio Lower Upper
104 100
78 51.5 41.2 61.8
103 54.7 43.4 65.2

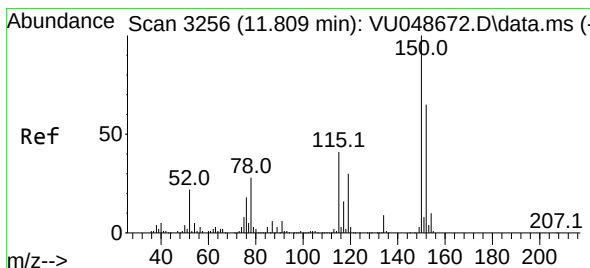
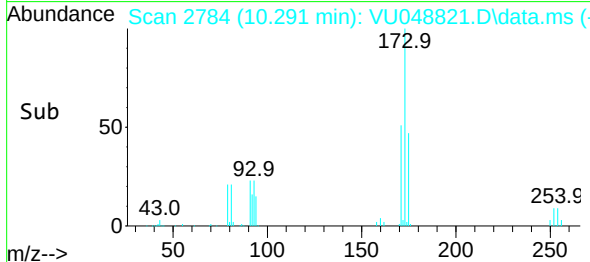
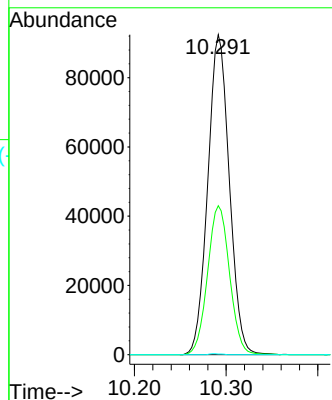
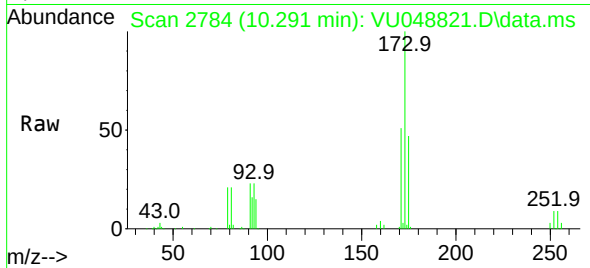




#71
Bromoform
Concen: 55.860 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

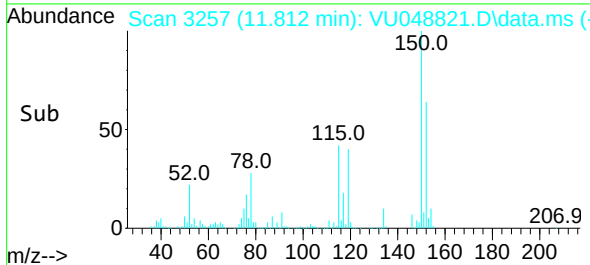
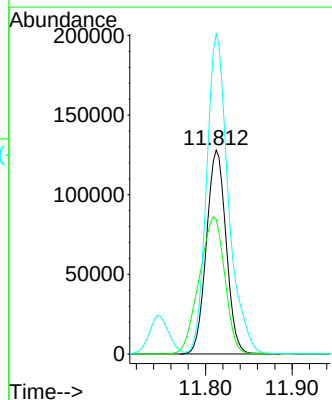
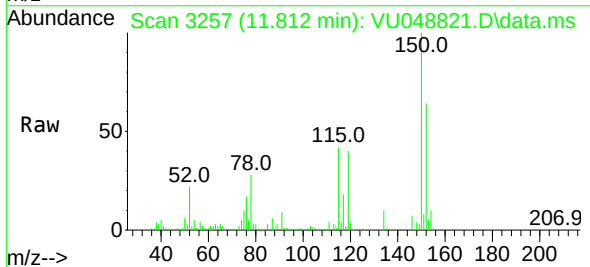
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

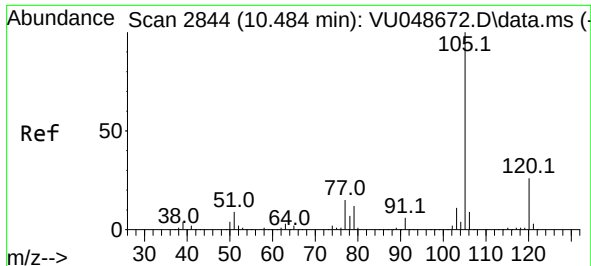
Tgt Ion:173 Resp: 150827
Ion Ratio Lower Upper
173 100
175 47.5 24.5 73.5
254 0.2 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion:152 Resp: 202110
Ion Ratio Lower Upper
152 100
115 87.0 41.8 125.4
150 173.1 0.0 341.0

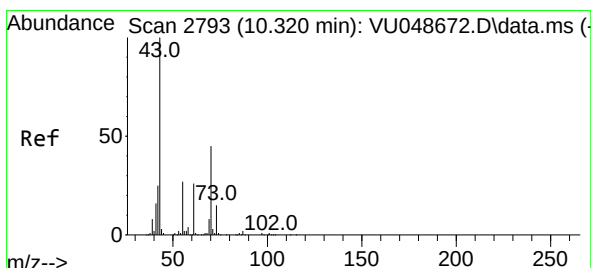
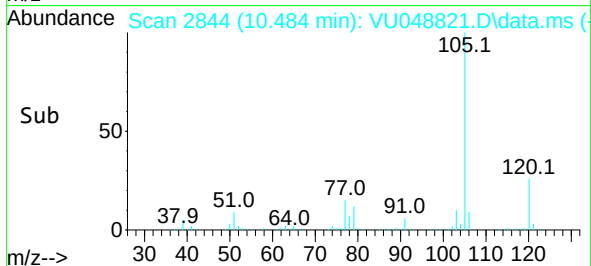
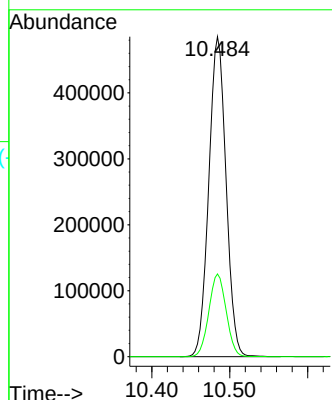
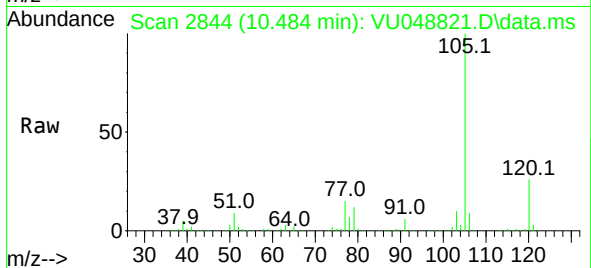




#73
Isopropylbenzene
Concen: 57.235 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

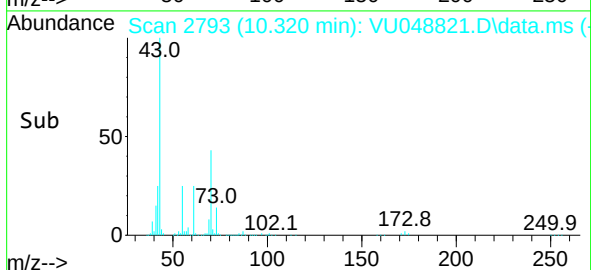
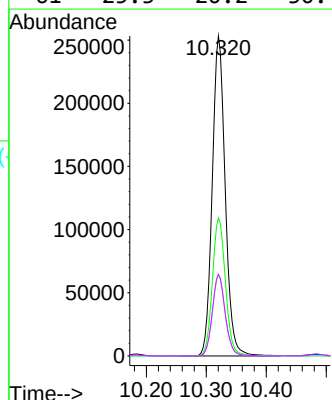
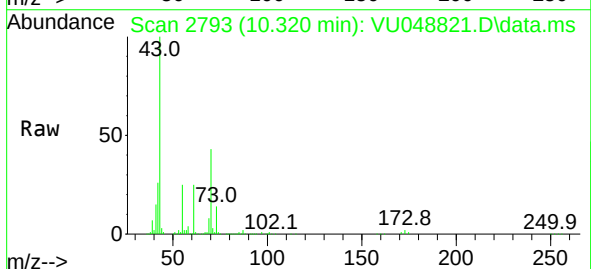
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

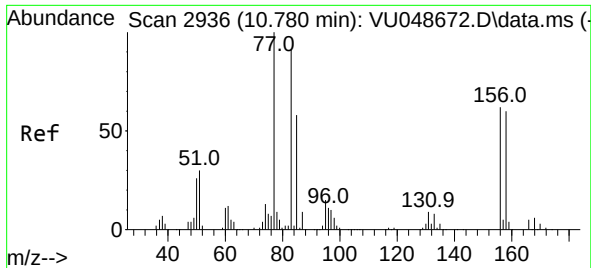
Tgt Ion:105 Resp: 746811
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6



#74
N-ethyl acetate
Concen: 57.323 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion: 43 Resp: 381179
Ion Ratio Lower Upper
43 100
70 43.3 35.8 53.6
55 25.2 21.1 31.7
61 25.3 20.2 30.4

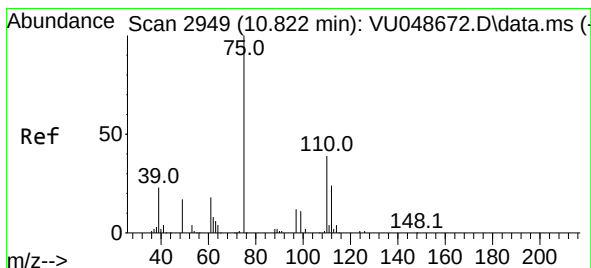
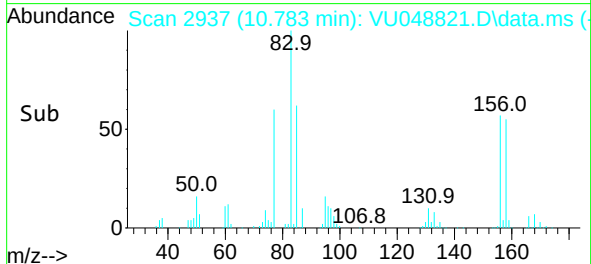
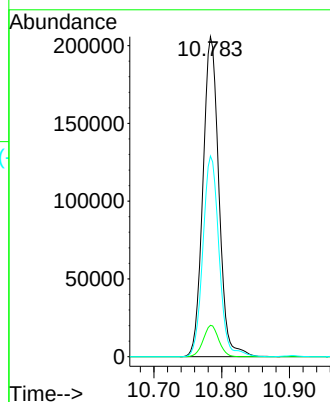
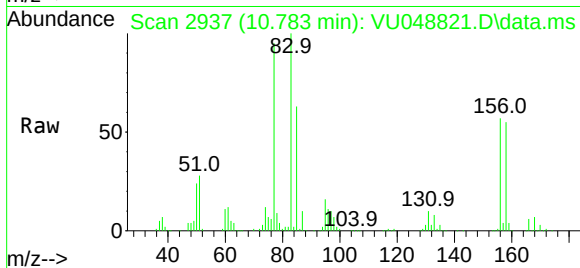




#75
1,1,2,2-Tetrachloroethane
Concen: 63.069 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

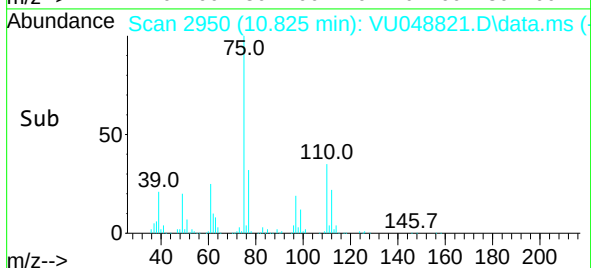
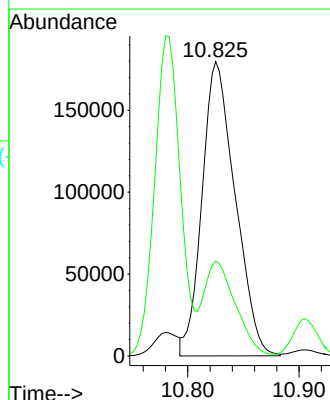
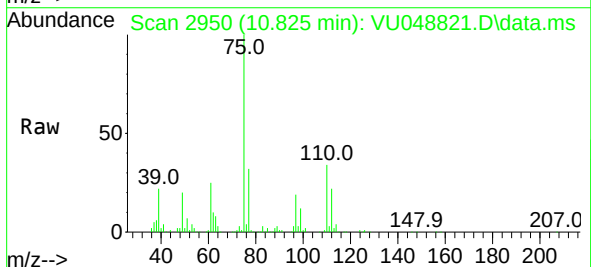
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

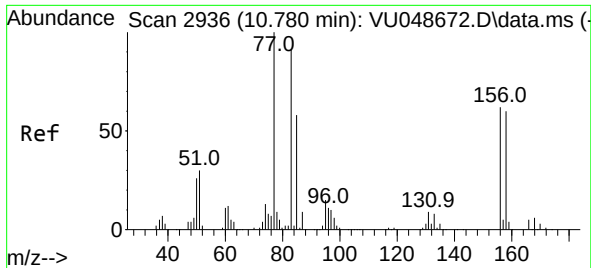
Tgt Ion: 83 Resp: 335829
Ion Ratio Lower Upper
83 100
131 9.5 5.2 15.6
85 63.5 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 56.852 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion: 75 Resp: 370476
Ion Ratio Lower Upper
75 100
77 30.1 14.8 44.3

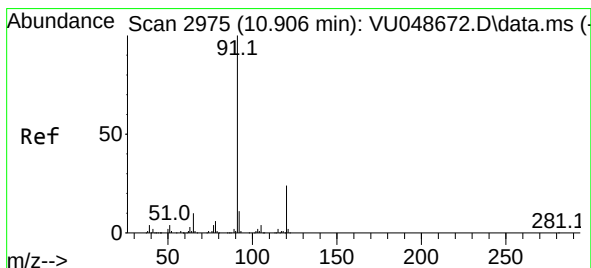
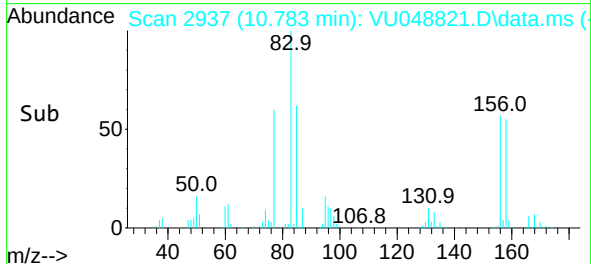
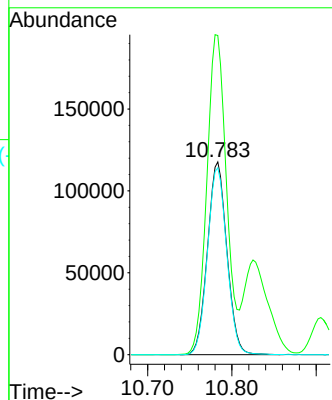
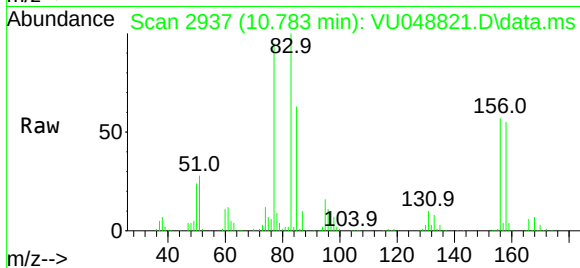




#77
Bromobenzene
Concen: 53.840 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

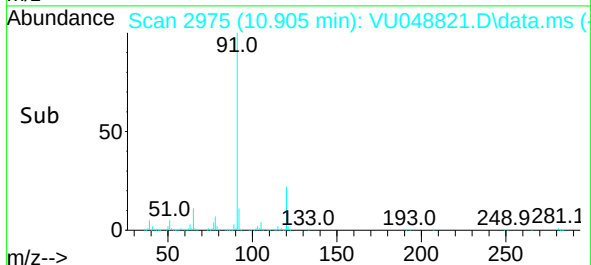
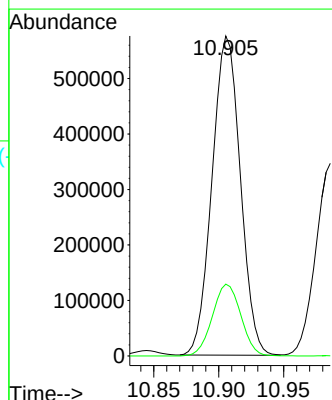
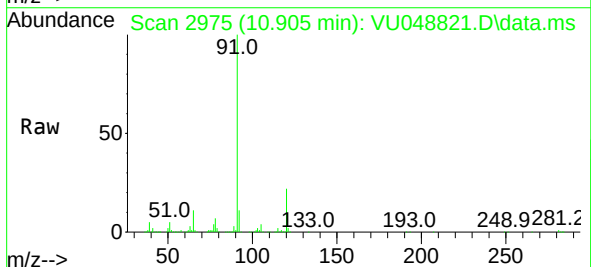
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

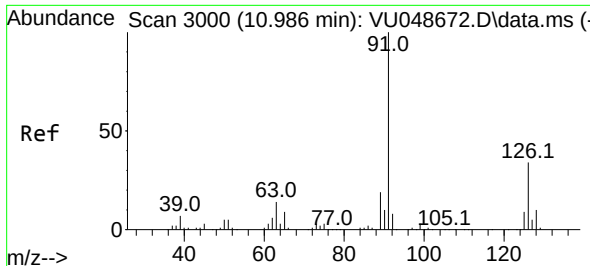
Tgt Ion:156 Resp: 188669
Ion Ratio Lower Upper
156 100
77 168.7 81.1 243.3
158 96.7 48.8 146.4



#78
n-propylbenzene
Concen: 55.962 ug/l
RT: 10.905 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion: 91 Resp: 870095
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.7

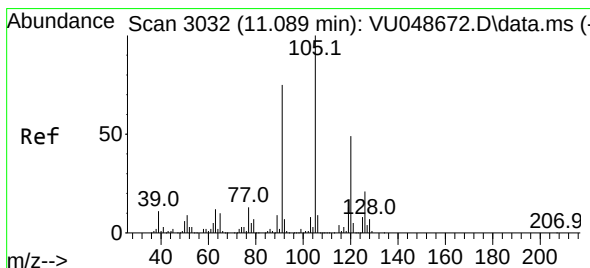
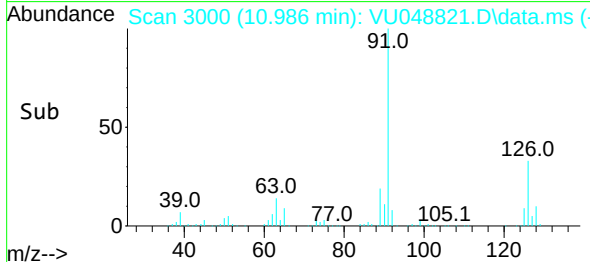
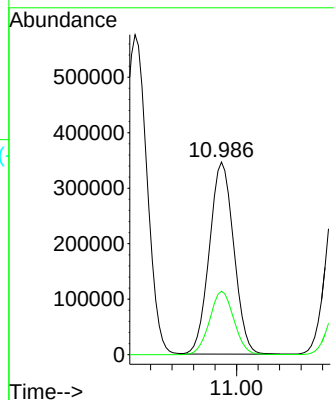
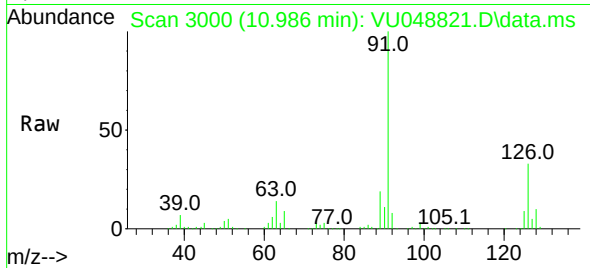




#79
2-Chlorotoluene
Concen: 56.464 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

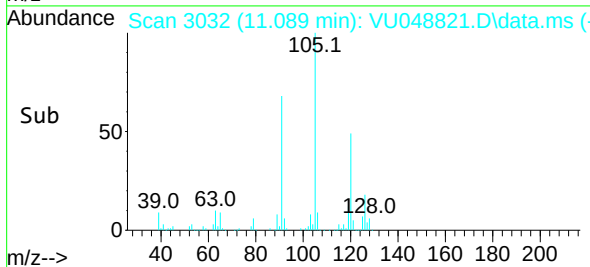
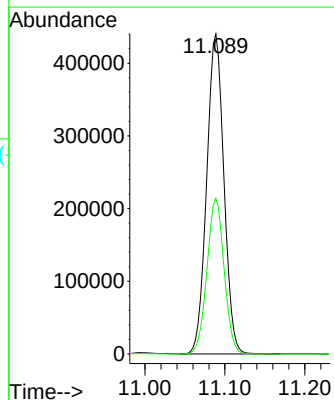
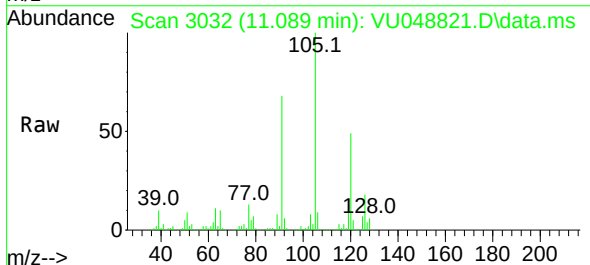
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

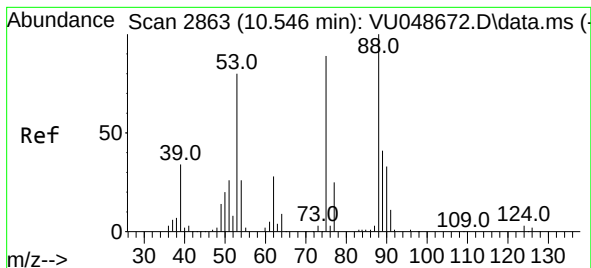
Tgt Ion: 91 Resp: 545944
Ion Ratio Lower Upper
91 100
126 32.9 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 58.135 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion: 105 Resp: 659664
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3

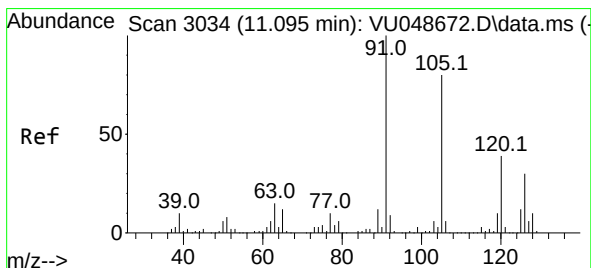
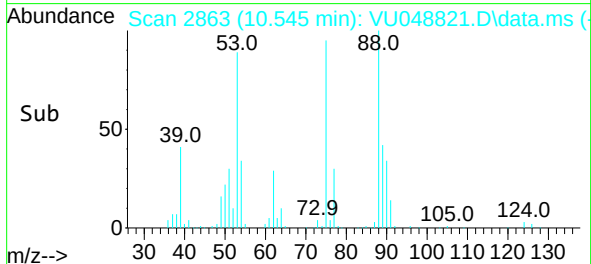
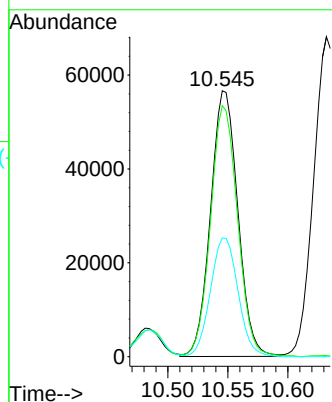
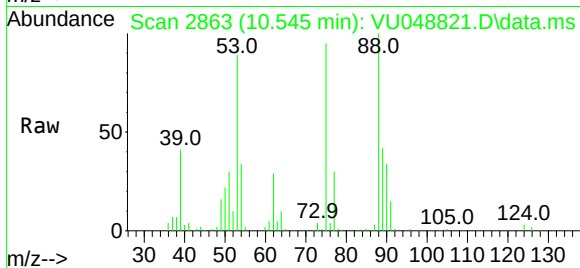




#81
trans-1,4-Dichloro-2-butene
Concen: 49.936 ug/l
RT: 10.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

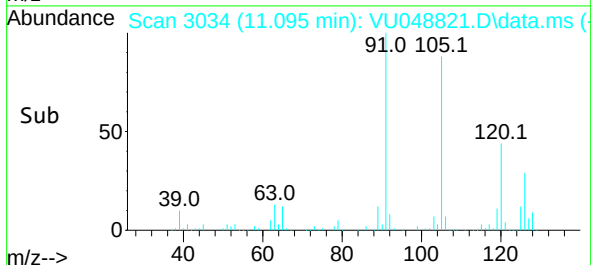
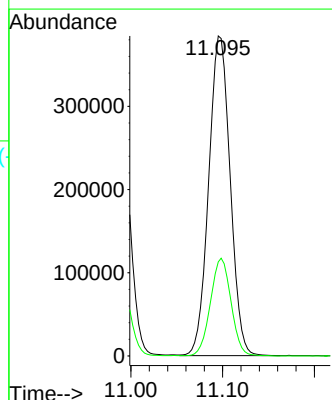
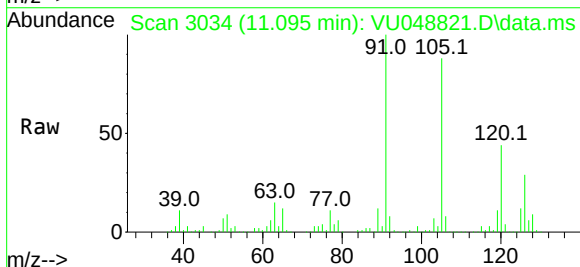
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

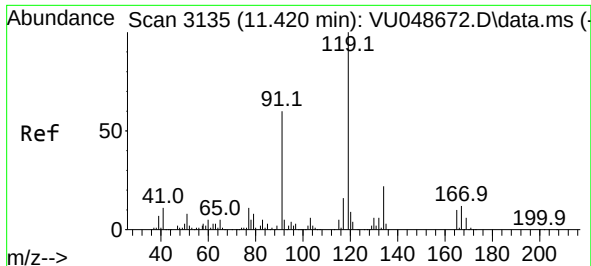
Tgt Ion: 75 Resp: 89622
Ion Ratio Lower Upper
75 100
53 93.9 72.5 108.7
89 45.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 55.939 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion: 91 Resp: 624040
Ion Ratio Lower Upper
91 100
126 29.4 14.4 43.2

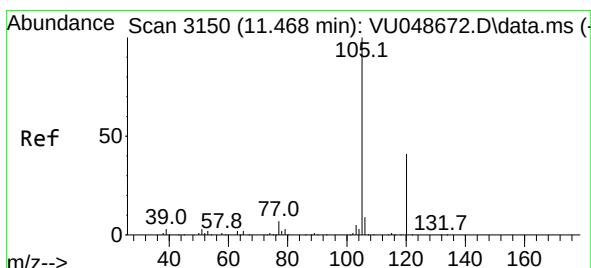
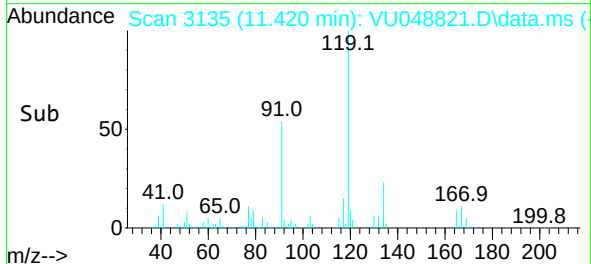
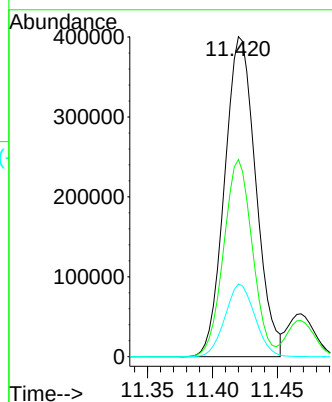
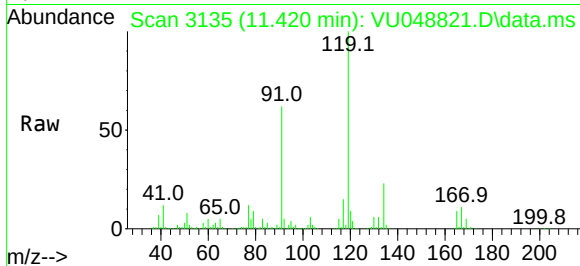




#83
 tert-Butylbenzene
 Concen: 61.495 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. -0.000 min
 Lab File: VU048821.D
 Acq: 02 Jun 2022 22:32

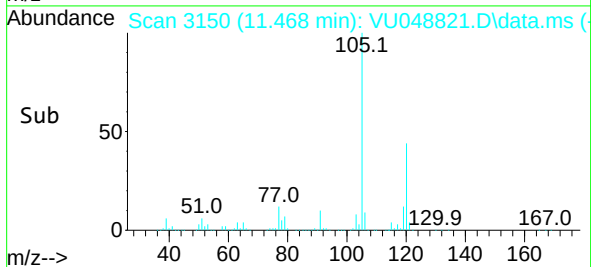
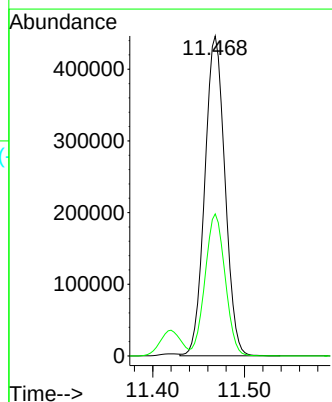
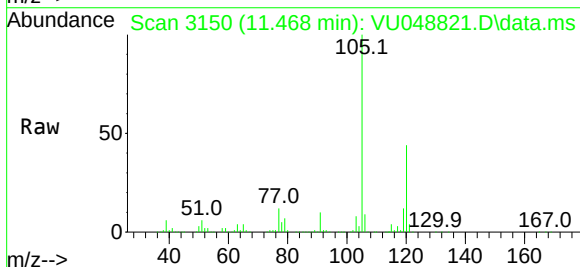
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

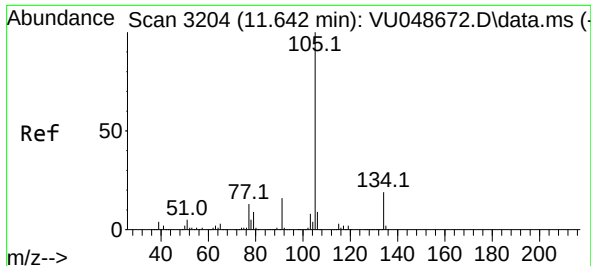
Tgt Ion:119 Resp: 669706
 Ion Ratio Lower Upper
 119 100
 91 56.9 28.7 86.1
 134 21.7 10.8 32.4



#84
 1,2,4-Trimethylbenzene
 Concen: 55.558 ug/l
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU048821.D
 Acq: 02 Jun 2022 22:32

Tgt Ion:105 Resp: 681073
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.5 67.5

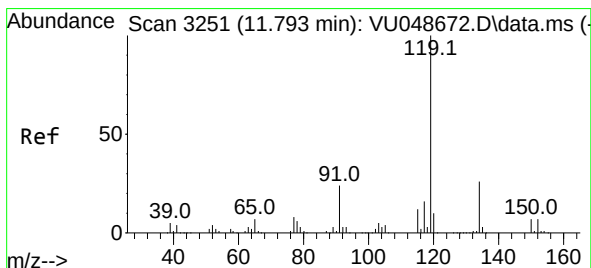
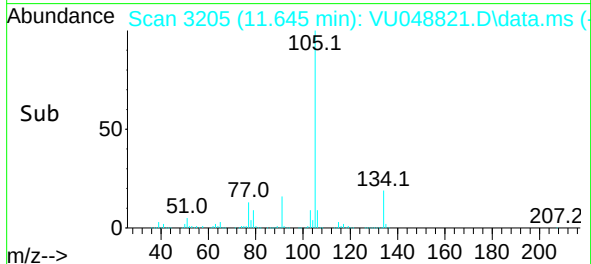
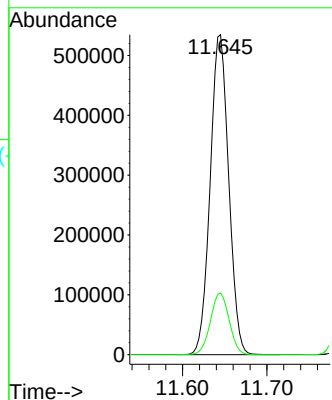
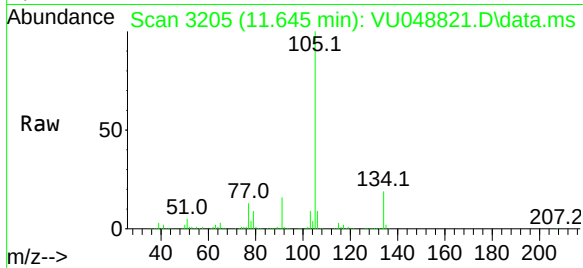




#85
 sec-Butylbenzene
 Concen: 59.868 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048821.D
 Acq: 02 Jun 2022 22:32

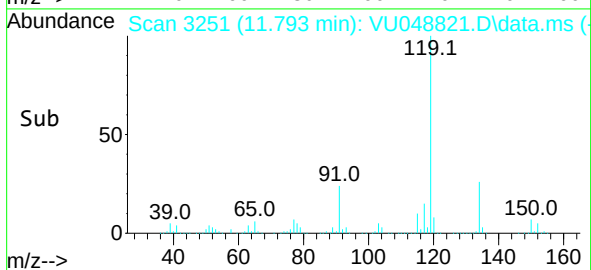
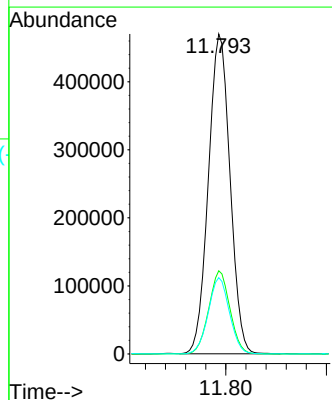
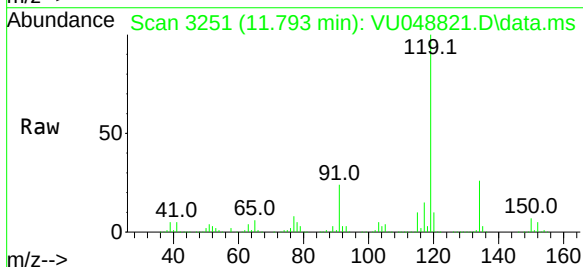
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

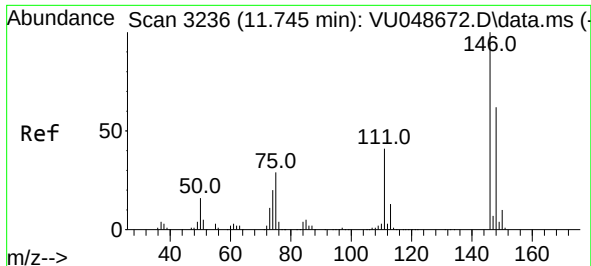
Tgt Ion:105 Resp: 815669
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 59.898 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU048821.D
 Acq: 02 Jun 2022 22:32

Tgt Ion:119 Resp: 700810
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 23.4 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 52.122 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

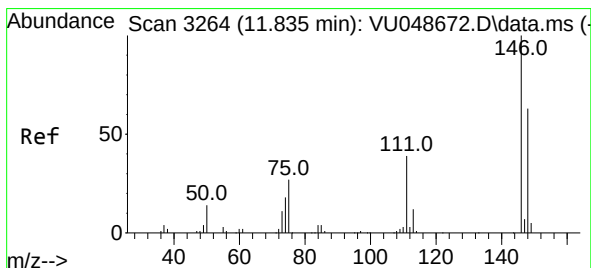
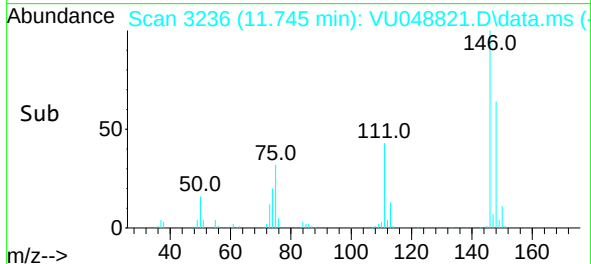
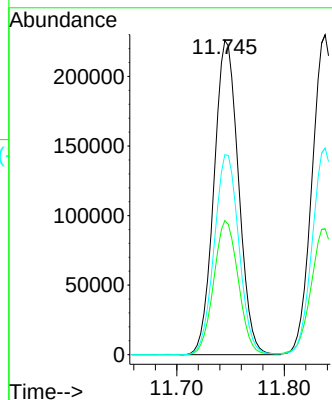
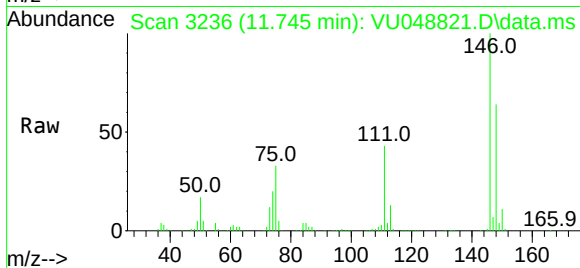
Tgt Ion:146 Resp: 358102

Ion Ratio Lower Upper

146 100

111 42.8 20.6 61.9

148 64.2 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 51.181 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.003 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

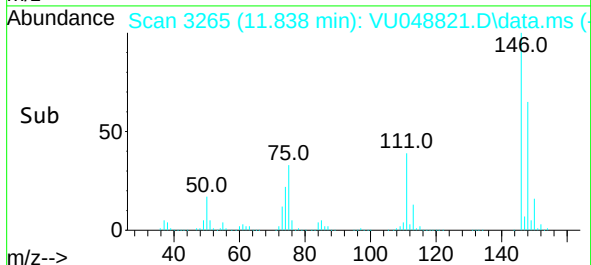
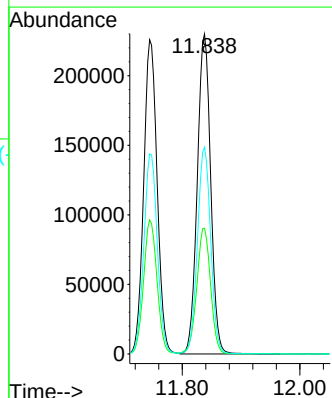
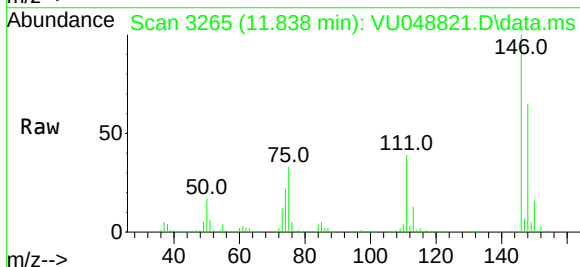
Tgt Ion:146 Resp: 363296

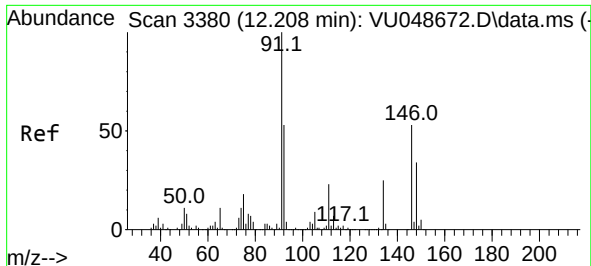
Ion Ratio Lower Upper

146 100

111 40.4 20.2 60.6

148 63.9 32.4 97.0

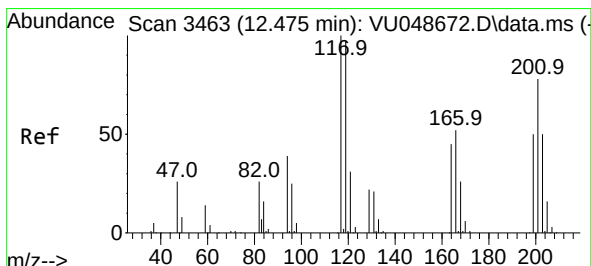
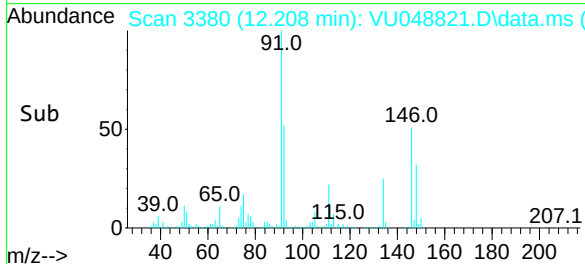
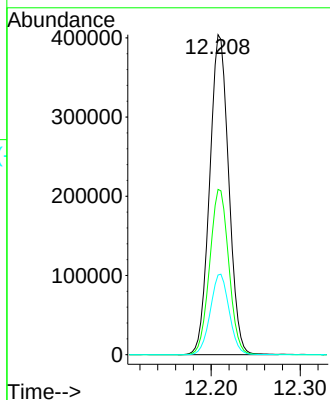
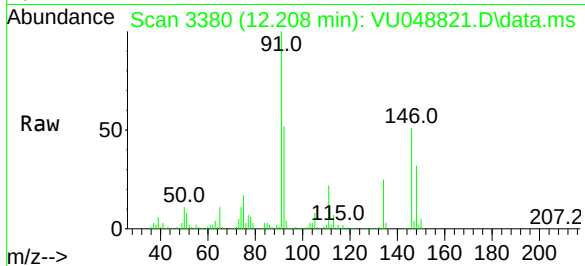




#89
n-Butylbenzene
Concen: 51.124 ug/l
RT: 12.208 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

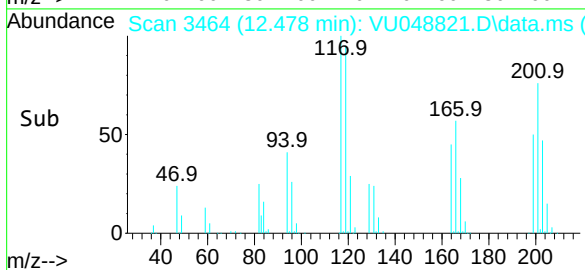
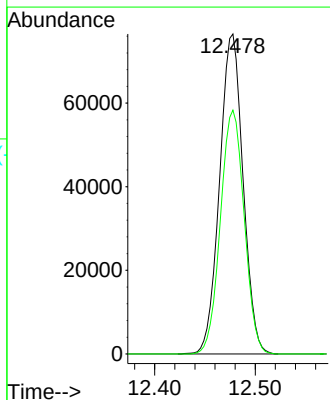
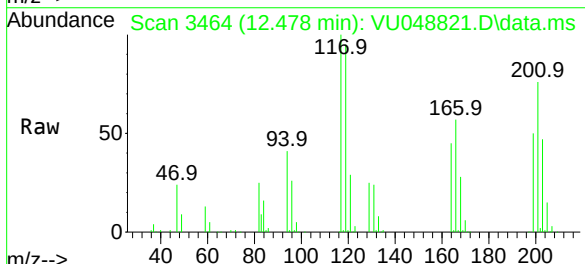
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

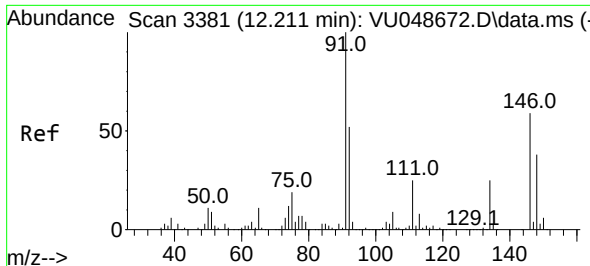
Tgt Ion: 91 Resp: 599327
Ion Ratio Lower Upper
91 100
92 51.8 25.9 77.8
134 24.9 12.5 37.5



#90
Hexachloroethane
Concen: 51.987 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.003 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion: 117 Resp: 124136
Ion Ratio Lower Upper
117 100
201 77.1 39.6 119.0

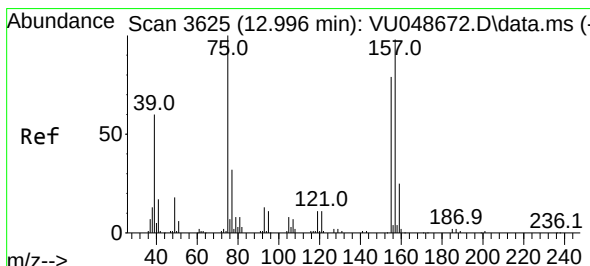
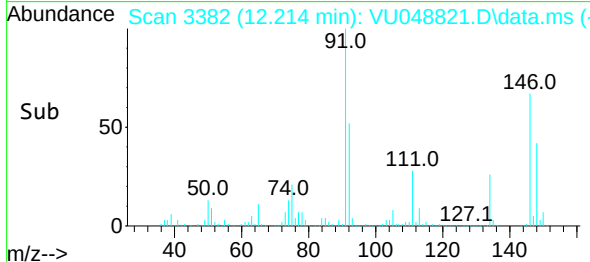
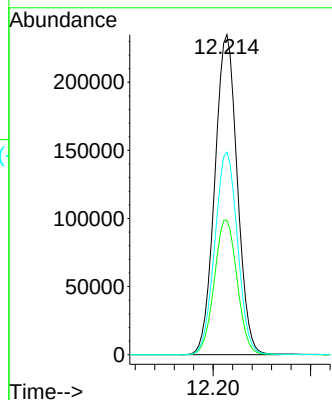
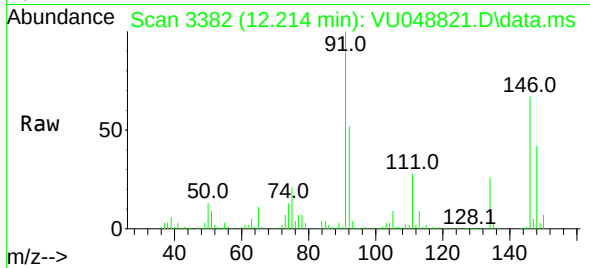




#91
1,2-Dichlorobenzene
Concen: 54.213 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

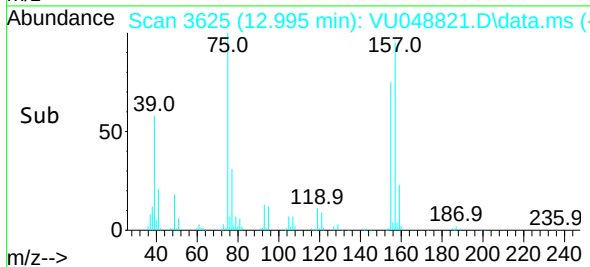
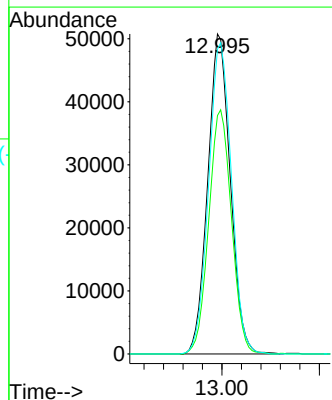
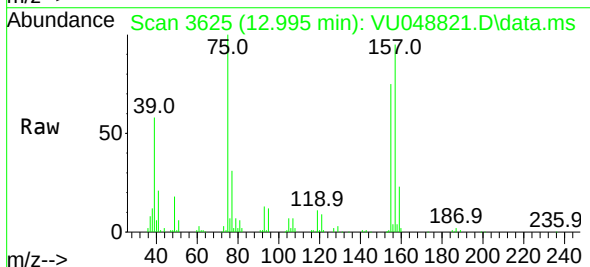
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

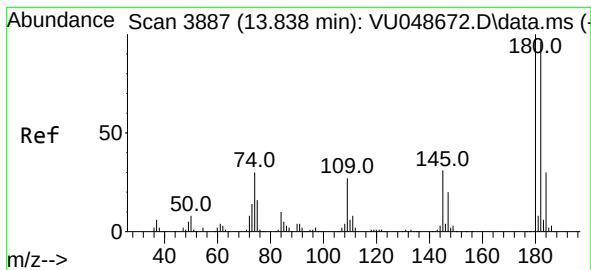
Tgt Ion:146 Resp: 376277
Ion Ratio Lower Upper
146 100
111 42.9 21.4 64.3
148 64.3 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.377 ug/l
RT: 12.995 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU048821.D
Acq: 02 Jun 2022 22:32

Tgt Ion: 75 Resp: 81835
Ion Ratio Lower Upper
75 100
155 76.7 40.3 120.8
157 98.3 50.0 150.0





#93

1,2,4-Trichlorobenzene

Concen: 47.431 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

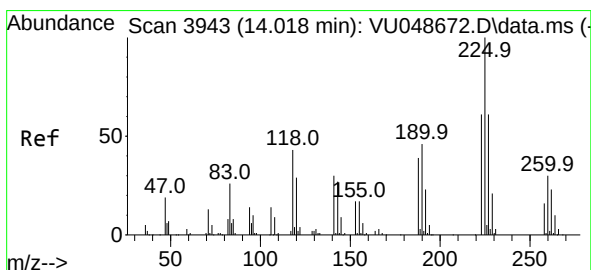
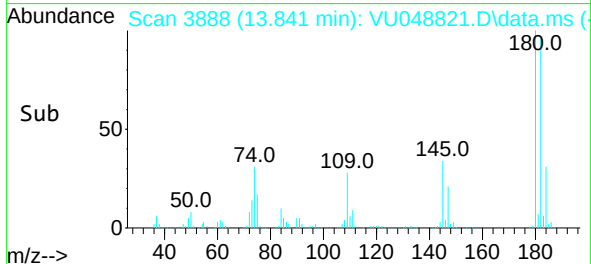
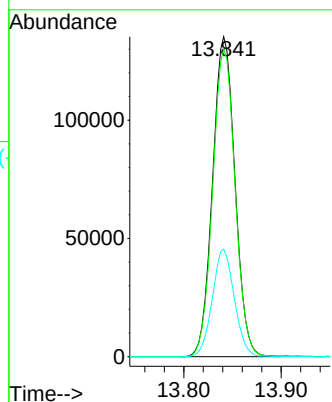
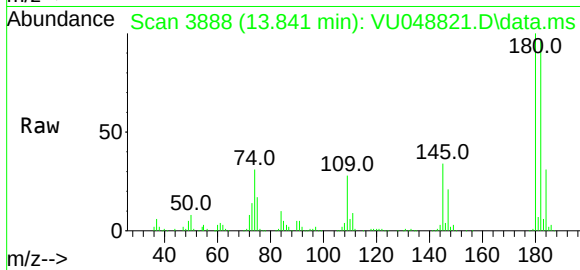
Tgt Ion:180 Resp: 216028

Ion Ratio Lower Upper

180 100

182 96.2 48.3 144.9

145 33.0 15.6 46.7



#94

Hexachlorobutadiene

Concen: 50.982 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.003 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

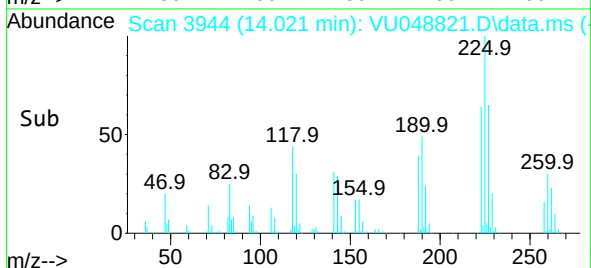
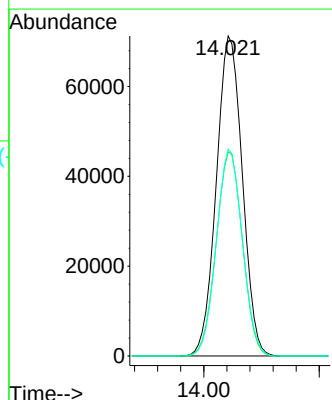
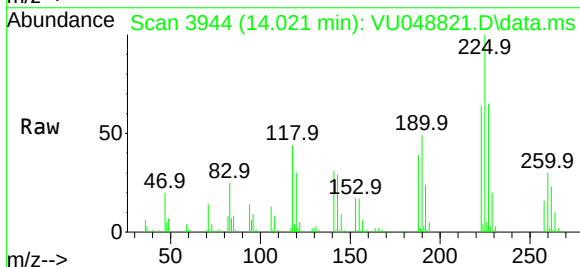
Tgt Ion:225 Resp: 111297

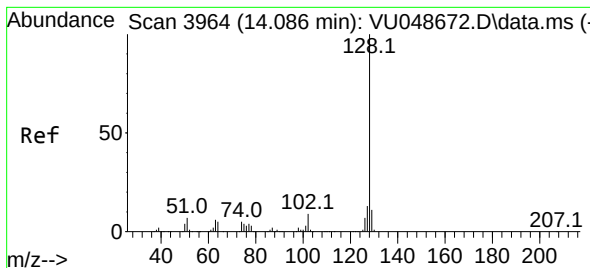
Ion Ratio Lower Upper

225 100

223 64.4 30.9 92.8

227 64.6 31.1 93.5





#95

Naphthalene

Concen: 46.265 ug/l

RT: 14.089 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

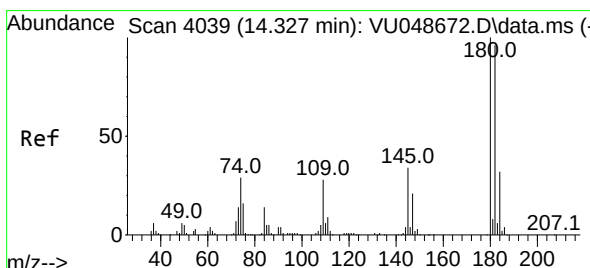
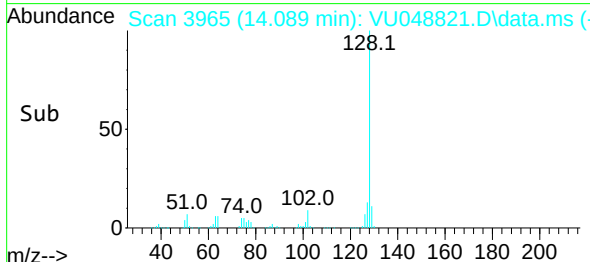
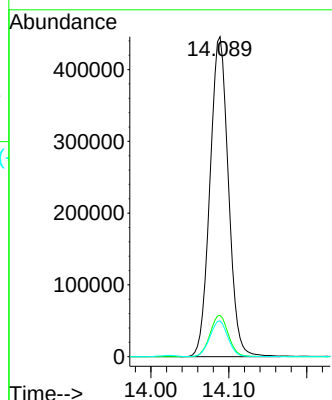
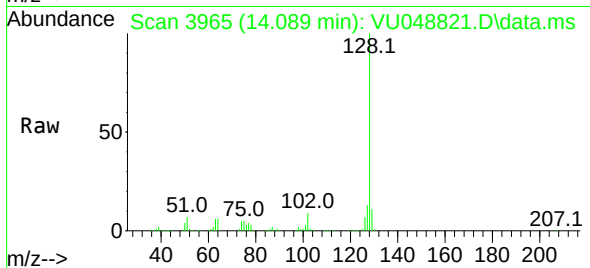
Tgt Ion:128 Resp: 732850

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 50.178 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.003 min

Lab File: VU048821.D

Acq: 02 Jun 2022 22:32

Tgt Ion:180 Resp: 226359

Ion Ratio Lower Upper

180 100

182 94.1 47.4 142.2

145 32.9 16.6 49.8

