

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049553.D
 Acq On : 30 Jun 2022 10:21
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDC0050

Quant Time: Jul 01 05:23:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	233973	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	392892	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	357243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	173710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	161908	44.933	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.860%		
35) Dibromofluoromethane	5.288	113	129830	47.232	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.460%		
50) Toluene-d8	7.899	98	467057	47.639	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.280%		
62) 4-Bromofluorobenzene	10.632	95	177931	47.377	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.760%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	166297	44.231	ug/l	100
3) Chloromethane	1.520	50	190447	41.285	ug/l	98
4) Vinyl Chloride	1.604	62	171317	45.259	ug/l	99
5) Bromomethane	1.855	94	68404	58.116	ug/l	99
6) Chloroethane	1.928	64	93999	53.684	ug/l	96
7) Trichlorofluoromethane	2.134	101	215370	44.644	ug/l	98
8) Diethyl Ether	2.375	74	85074	48.820	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.578	101	128303	49.432	ug/l	95
10) Methyl Iodide	2.719	142	166017	62.819	ug/l	95
11) Tert butyl alcohol	3.353	59	7462	8.848	ug/l	# 1
12) 1,1-Dichloroethene	2.578	96	123019	48.409	ug/l	91
13) Acrolein	2.488	56	76911	134.659	ug/l	95
14) Allyl chloride	2.922	41	248055	48.298	ug/l	# 87
15) Acrylonitrile	3.314	53	502023	247.495	ug/l	99
16) Acetone	2.629	43	537608	295.854	ug/l	99
17) Carbon Disulfide	2.790	76	344066	43.414	ug/l	100
18) Methyl Acetate	2.948	43	226269	45.999	ug/l	91
19) Methyl tert-butyl Ether	3.362	73	464575	49.153	ug/l	96
20) Methylene Chloride	3.044	84	151036	49.930	ug/l	91
21) trans-1,2-Dichloroethene	3.353	96	131532	48.014	ug/l	91
22) Diisopropyl ether	3.993	45	478315	48.779	ug/l	# 74
23) Vinyl Acetate	3.954	43	2126746	247.447	ug/l	95
24) 1,1-Dichloroethane	3.867	63	268829	47.727	ug/l	98
25) 2-Butanone	4.700	43	724059	265.881	ug/l	94
26) 2,2-Dichloropropane	4.665	77	223256	47.623	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	157916	49.892	ug/l	91
28) Bromochloromethane	4.973	49	113305	46.021	ug/l	# 76
29) Tetrahydrofuran	5.051	42	440218	235.641	ug/l	88
30) Chloroform	5.089	83	260775	46.803	ug/l	100
31) Cyclohexane	5.388	56	240136	44.383	ug/l	89
32) 1,1,1-Trichloroethane	5.317	97	228801	47.328	ug/l	100
36) 1,1-Dichloropropene	5.526	75	190658	47.836	ug/l	97
37) Ethyl Acetate	4.803	43	254838	46.791	ug/l	95
38) Carbon Tetrachloride	5.526	117	196575	47.028	ug/l	100
39) Methylcyclohexane	6.764	83	226729	47.459	ug/l	91
40) Benzene	5.774	78	579220	48.135	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	133368	48.870	ug/l #	89
42) 1,2-Dichloroethane	5.793	62	205570	45.900	ug/l	100
43) Isopropyl Acetate	5.909	43	384787	48.217	ug/l	97
44) Trichloroethene	6.542	130	140648	49.167	ug/l	87
45) 1,2-Dichloropropane	6.790	63	159141	47.728	ug/l	99
46) Dibromomethane	6.919	93	106175	47.761	ug/l	92
47) Bromodichloromethane	7.105	83	205826	48.104	ug/l	99
48) Methyl methacrylate	6.960	41	181454	48.518	ug/l	89
49) 1,4-Dioxane	6.989	88	96393	1006.034	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1263998	236.665	ug/l	96
52) Toluene	7.970	92	354818	49.610	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	229695	50.046	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	249078	50.827	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	145750	49.288	ug/l	98
56) Ethyl methacrylate	8.333	69	254062	51.369	ug/l	93
57) 1,3-Dichloropropane	8.575	76	252285	48.094	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	146752	373.657	ug/l	93
59) 2-Hexanone	8.684	43	1004698	239.214	ug/l	95
60) Dibromochloromethane	8.809	129	154474	50.234	ug/l	98
61) 1,2-Dibromoethane	8.925	107	158976	49.333	ug/l	100
64) Tetrachloroethene	8.552	164	113181	49.395	ug/l	91
65) Chlorobenzene	9.446	112	362440	49.626	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	137611	49.947	ug/l	99
67) Ethyl Benzene	9.571	91	676395	50.448	ug/l	96
68) m/p-Xylenes	9.693	106	503653	101.523	ug/l	90
69) o-Xylene	10.099	106	251011	50.967	ug/l	91
70) Styrene	10.115	104	410764	51.908	ug/l	95
71) Bromoform	10.291	173	117532	49.739	ug/l #	99
73) Isopropylbenzene	10.484	105	649210	52.464	ug/l	95
74) N-amyl acetate	10.320	43	329654	50.334	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.783	83	255752	48.791	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	289708	49.198	ug/l	97
77) Bromobenzene	10.780	156	154925	51.291	ug/l	85
78) n-propylbenzene	10.906	91	779592	51.847	ug/l	96
79) 2-Chlorotoluene	10.986	91	461845	49.854	ug/l	93
80) 1,3,5-Trimethylbenzene	11.089	105	554144	51.295	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.545	75	79481	49.844	ug/l	94
82) 4-Chlorotoluene	11.095	91	531171	50.981	ug/l	93
83) tert-Butylbenzene	11.420	119	541710	50.981	ug/l	94
84) 1,2,4-Trimethylbenzene	11.468	105	550547	51.875	ug/l	94
85) sec-Butylbenzene	11.642	105	672238	50.320	ug/l	97
86) p-Isopropyltoluene	11.793	119	557241	51.579	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	282020	48.838	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	284560	49.027	ug/l	97
89) n-Butylbenzene	12.208	91	492841	49.280	ug/l	98
90) Hexachloroethane	12.475	117	96913	45.037	ug/l	85
91) 1,2-Dichlorobenzene	12.211	146	285936	49.280	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	65291	48.576	ug/l	82
93) 1,2,4-Trichlorobenzene	13.838	180	187599	48.242	ug/l	97
94) Hexachlorobutadiene	14.021	225	82397	45.779	ug/l	98
95) Naphthalene	14.086	128	702989	51.632	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	195484	48.860	ug/l	98

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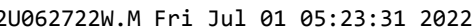
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MSVOA_U
ClientSampleId :
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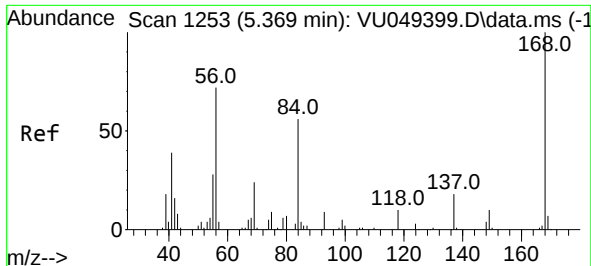
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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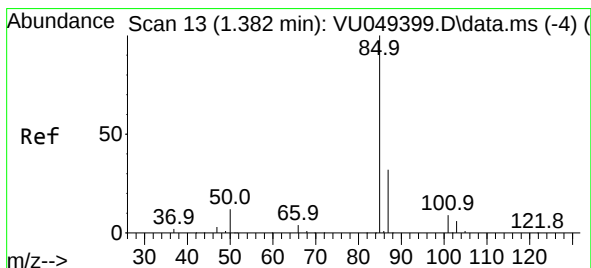
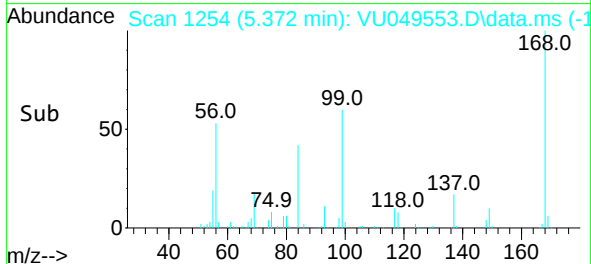
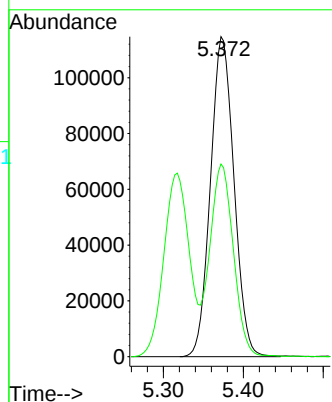
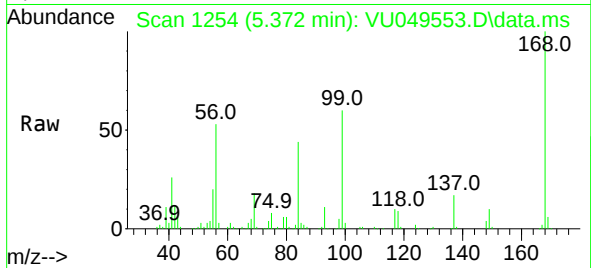




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049553.D
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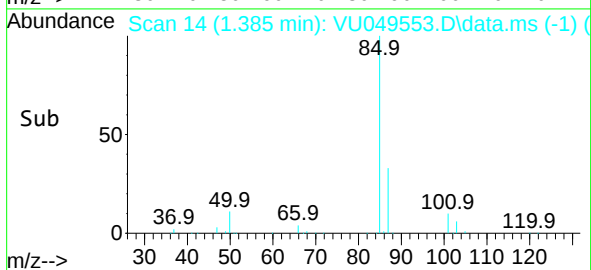
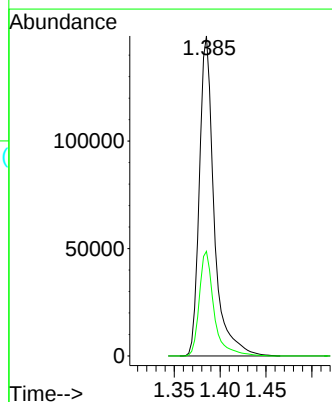
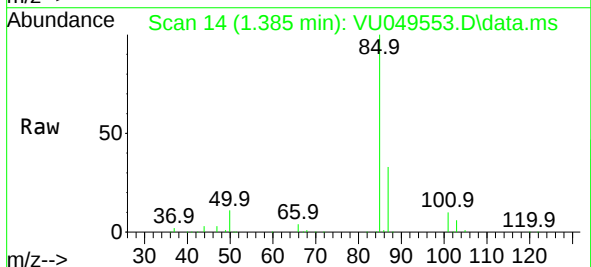
Instrument :
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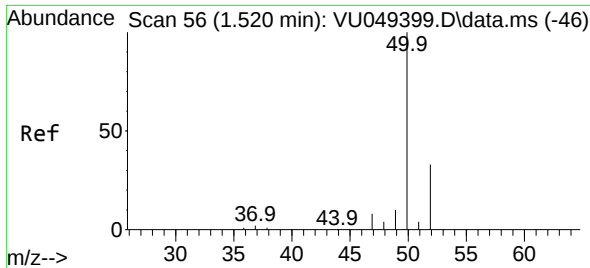
Tgt Ion:168 Resp: 233973
Ion Ratio Lower Upper
168 100
99 60.0 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 44.231 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion: 85 Resp: 166297
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.2

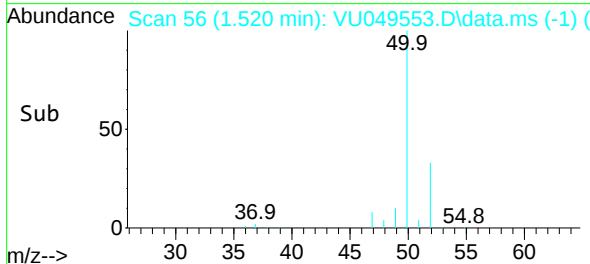
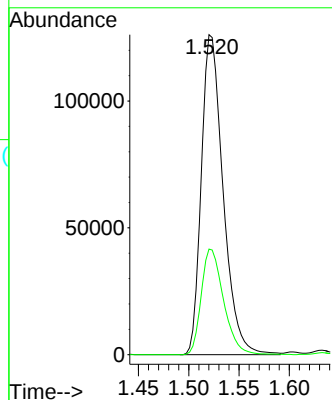
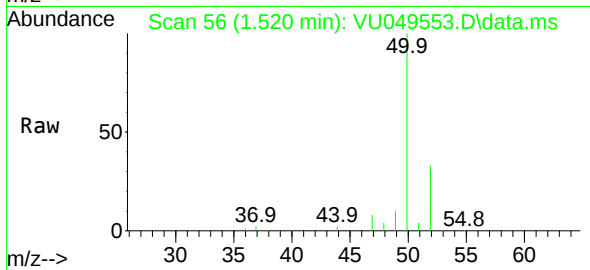




#3
Chloromethane
Concen: 41.285 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU049553.D
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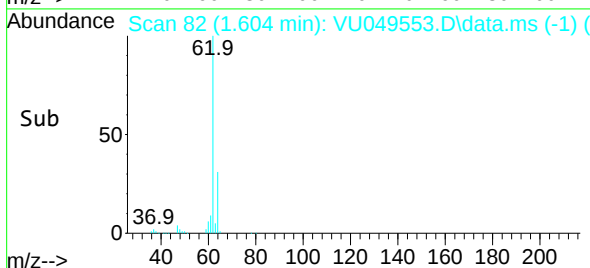
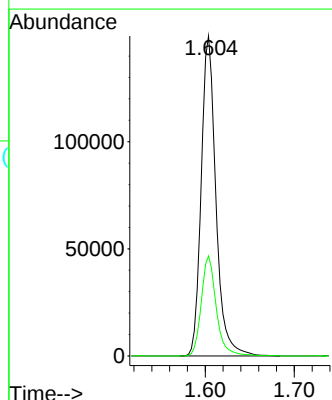
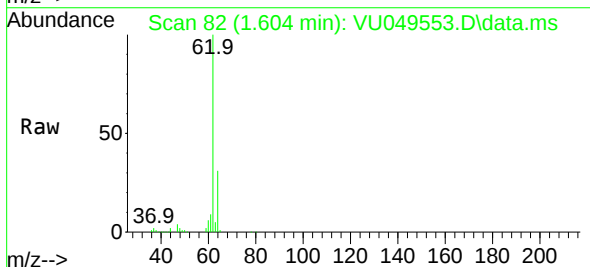
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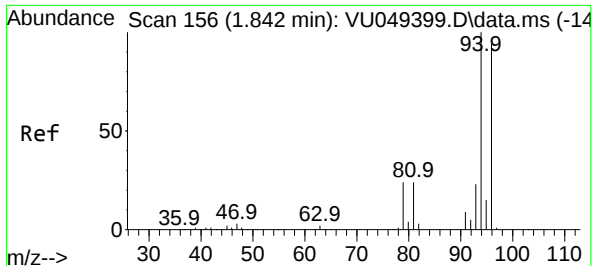
Tgt Ion: 50 Resp: 190447
Ion Ratio Lower Upper
50 100
52 33.0 27.4 41.2



#4
Vinyl Chloride
Concen: 45.259 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion: 62 Resp: 171317
Ion Ratio Lower Upper
62 100
64 31.2 25.3 37.9

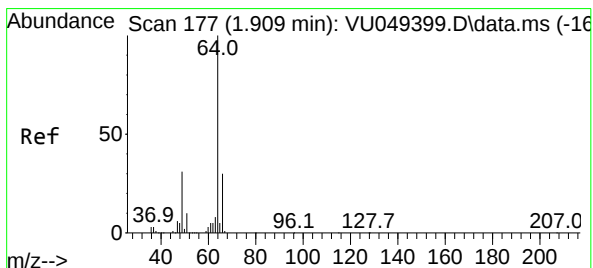
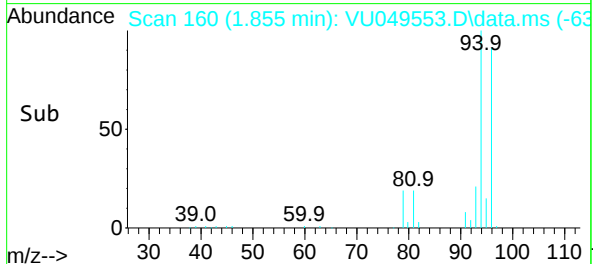
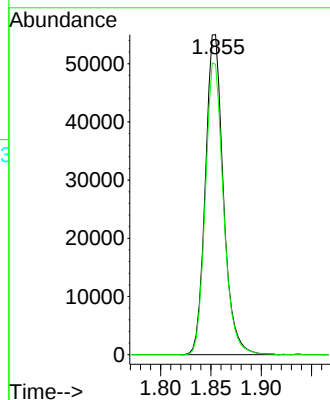
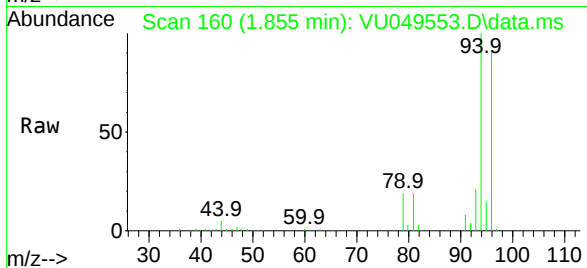




#5
Bromomethane
Concen: 58.116 ug/l
RT: 1.855 min Scan# 1
Delta R.T. 0.013 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

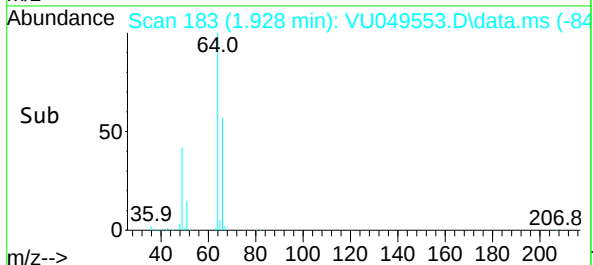
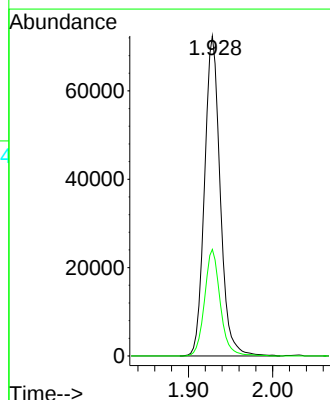
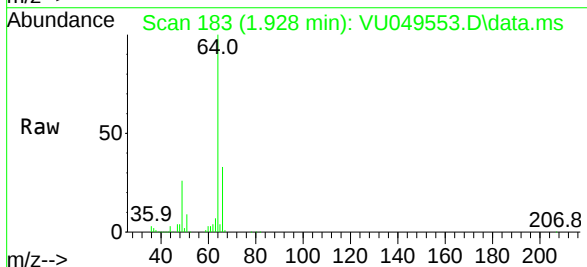
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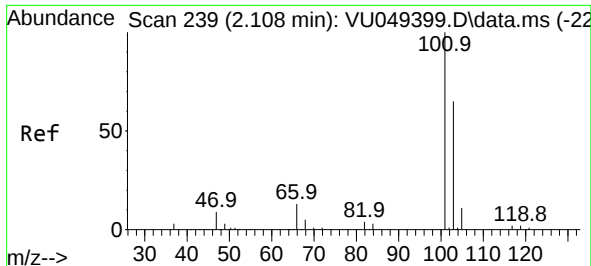
Tgt Ion: 94 Resp: 68404
Ion Ratio Lower Upper
94 100
96 90.8 73.7 110.5



#6
Chloroethane
Concen: 53.684 ug/l
RT: 1.928 min Scan# 183
Delta R.T. 0.019 min
Lab File: VU049553.D
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Tgt Ion: 64 Resp: 93999
Ion Ratio Lower Upper
64 100
66 33.3 24.7 37.1

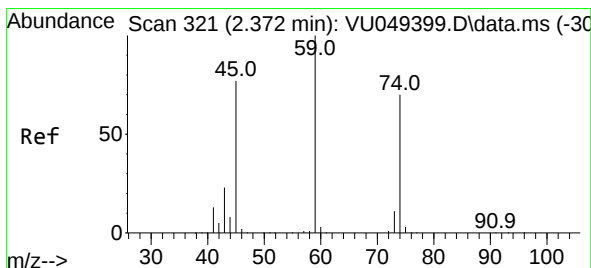
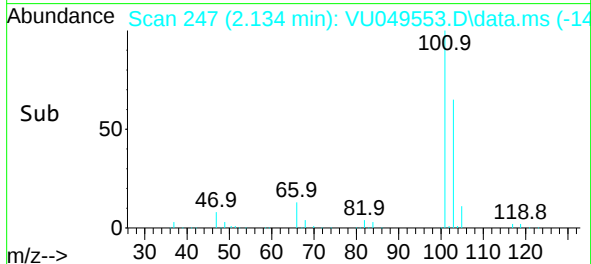
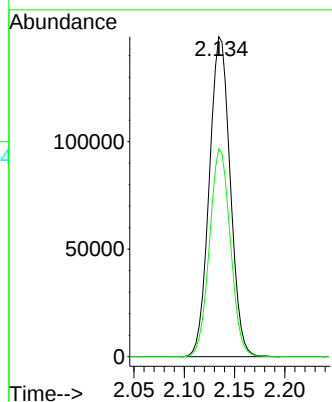
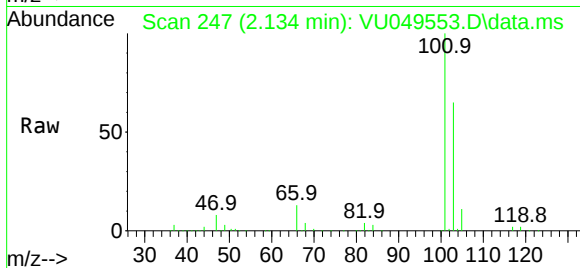




#7
 Trichlorofluoromethane
 Concen: 44.644 ug/l
 RT: 2.134 min Scan# 24
 Delta R.T. 0.026 min
 Lab File: VU049553.D
 Acq: 30 Jun 2022 10:21

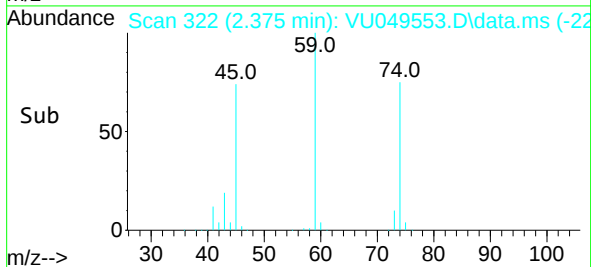
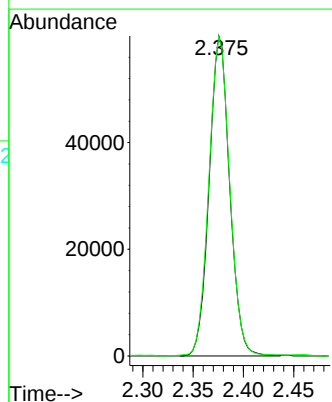
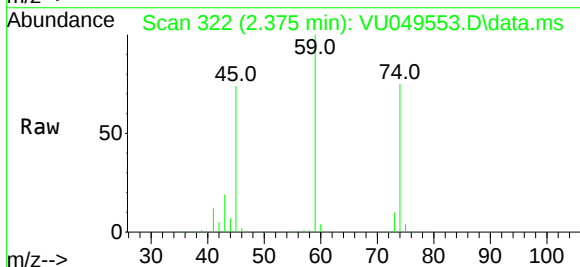
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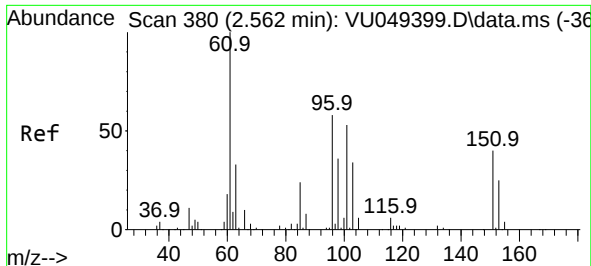
Tgt Ion:101 Resp: 215370
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.6 75.8



#8
 Diethyl Ether
 Concen: 48.820 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. 0.003 min
 Lab File: VU049553.D
 Acq: 30 Jun 2022 10:21

Tgt Ion: 74 Resp: 85074
 Ion Ratio Lower Upper
 74 100
 45 102.0 44.4 133.2

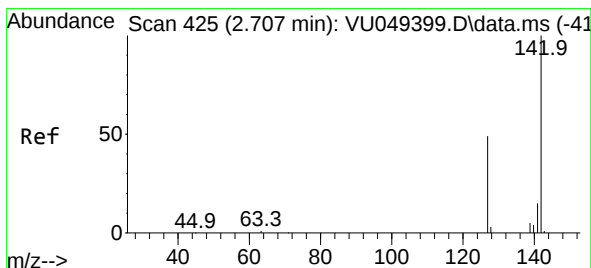
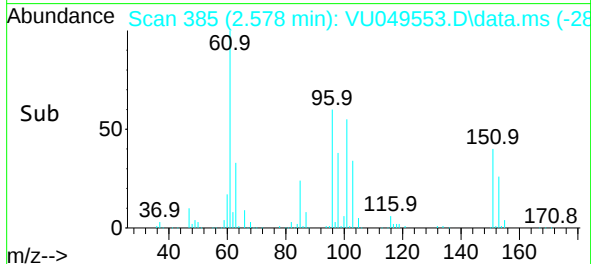
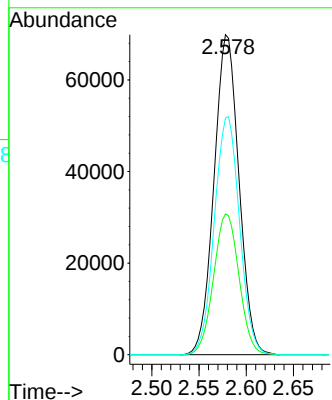
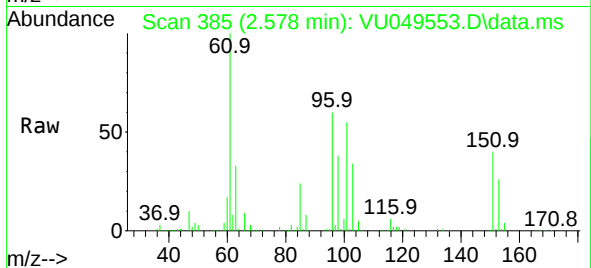




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.432 ug/l
RT: 2.578 min Scan# 380
Delta R.T. 0.016 min
Lab File: VU049553.D
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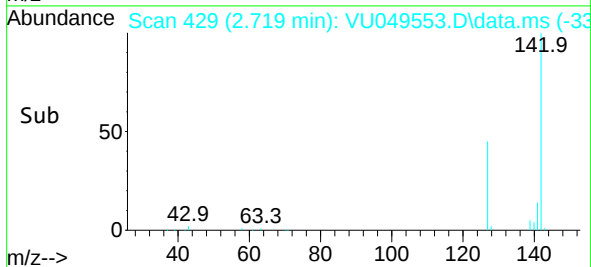
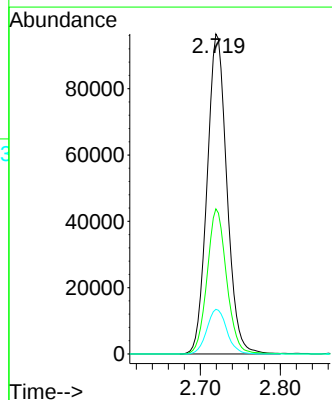
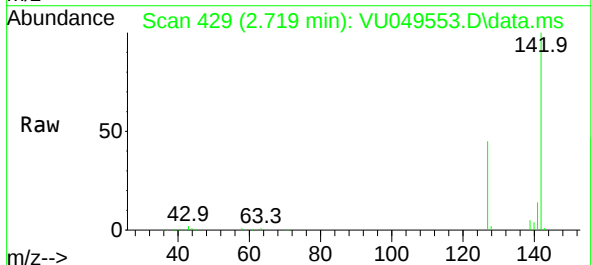
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

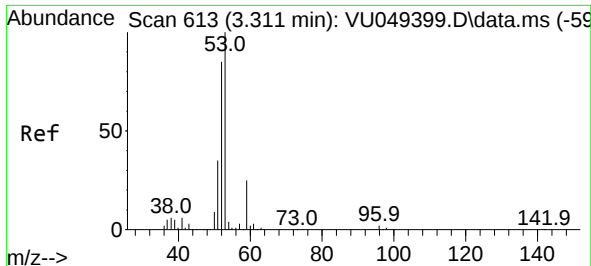
Tgt Ion:101 Resp: 128303
Ion Ratio Lower Upper
101 100
85 44.9 33.9 50.9
151 75.4 64.0 96.0



#10
Methyl Iodide
Concen: 62.819 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.013 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion:142 Resp: 166017
Ion Ratio Lower Upper
142 100
127 44.8 32.5 48.7
141 14.1 11.4 17.0

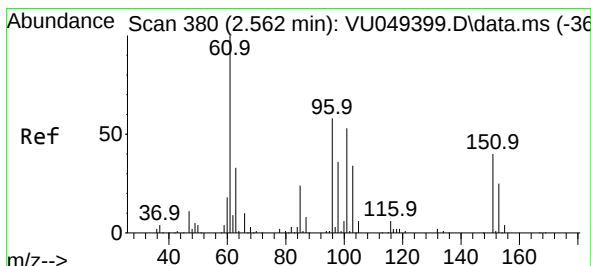
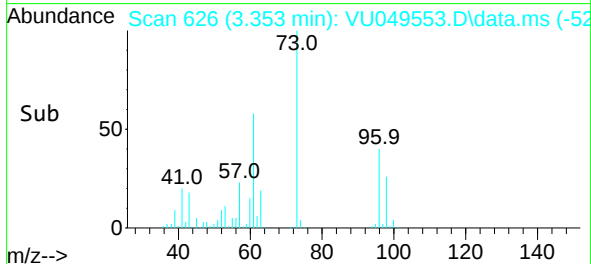
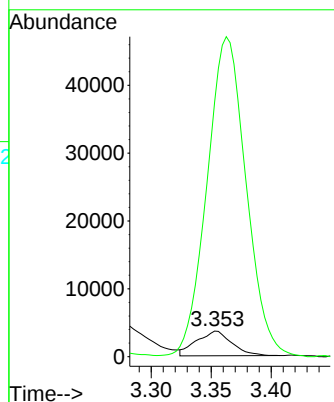
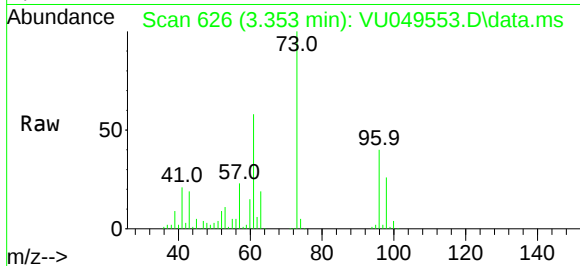




#11
Tert butyl alcohol
Concen: 8.848 ug/l
RT: 3.353 min Scan# 613
Delta R.T. 0.042 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

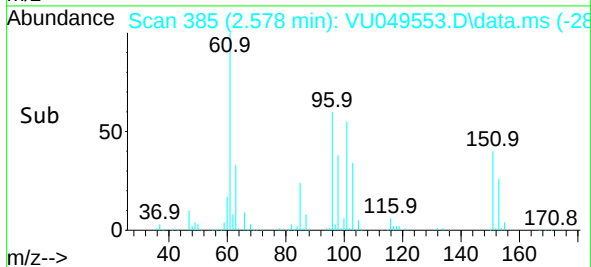
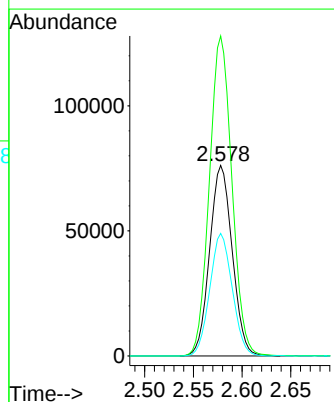
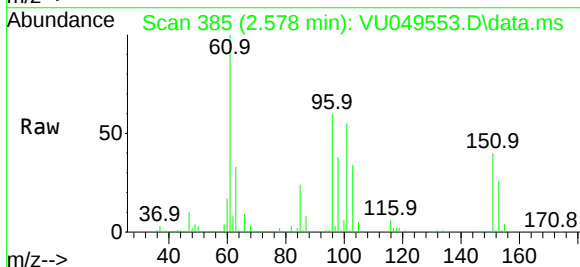
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

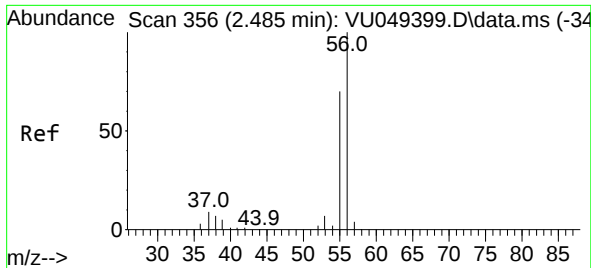
Tgt Ion: 59 Resp: 7462
Ion Ratio Lower Upper
59 100
57 1436.7 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 48.409 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.016 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion: 96 Resp: 123019
Ion Ratio Lower Upper
96 100
61 168.0 122.2 183.2
98 64.3 50.7 76.1





#13

Acrolein

Concen: 134.659 ug/l

RT: 2.488 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

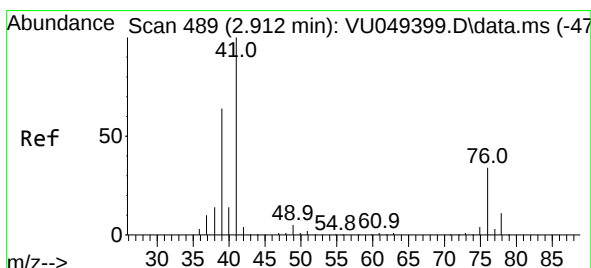
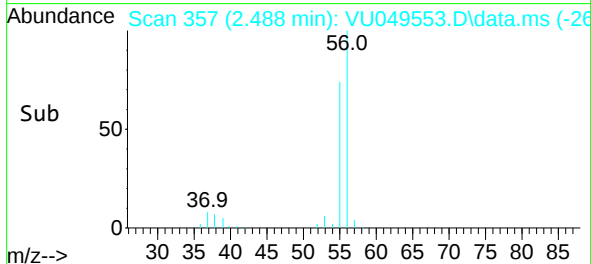
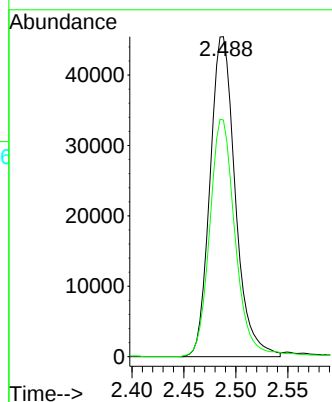
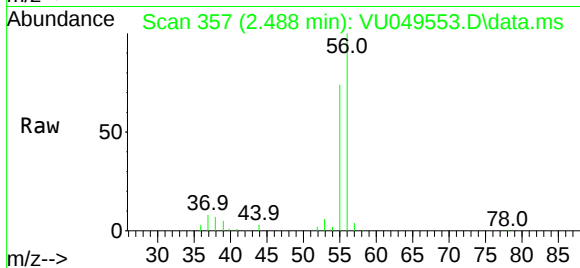
VSTDCCC050

Tgt Ion: 56 Resp: 76911

Ion Ratio Lower Upper

56 100

55 75.2 56.6 85.0



#14

Allyl chloride

Concen: 48.298 ug/l

RT: 2.922 min Scan# 492

Delta R.T. 0.010 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

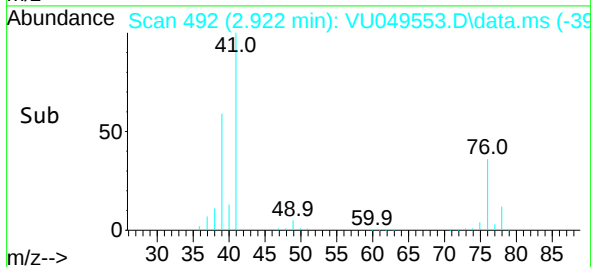
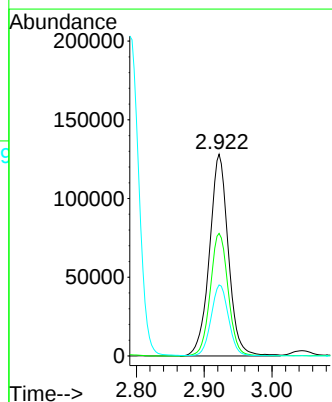
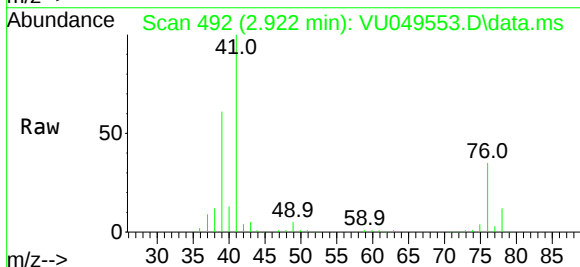
Tgt Ion: 41 Resp: 248055

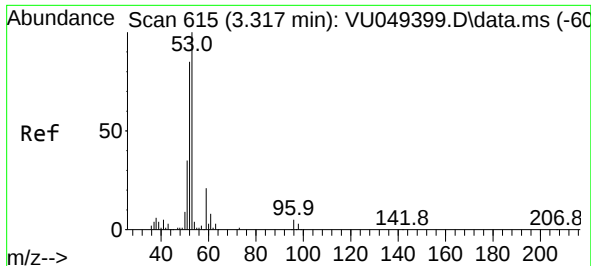
Ion Ratio Lower Upper

41 100

39 57.7 53.4 80.2

76 32.4 33.8 50.6#

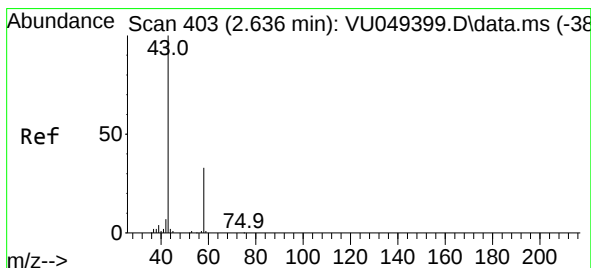
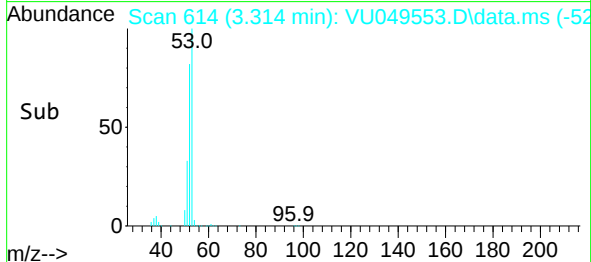
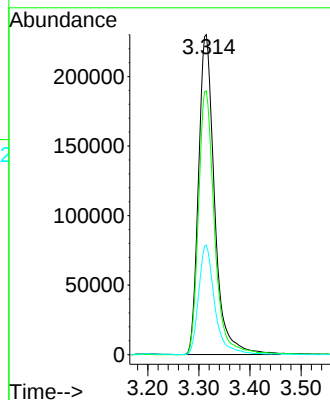
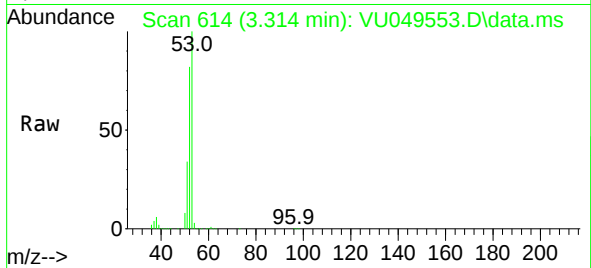




#15
Acrylonitrile
Concen: 247.495 ug/l
RT: 3.314 min Scan# 615
Delta R.T. -0.003 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

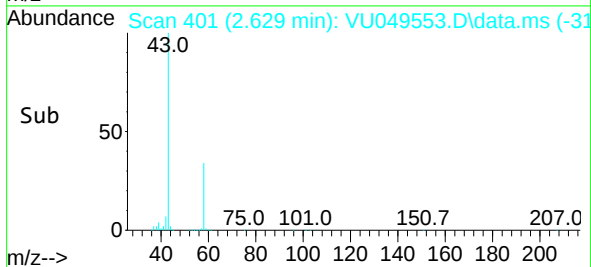
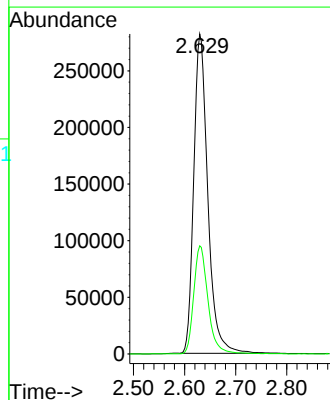
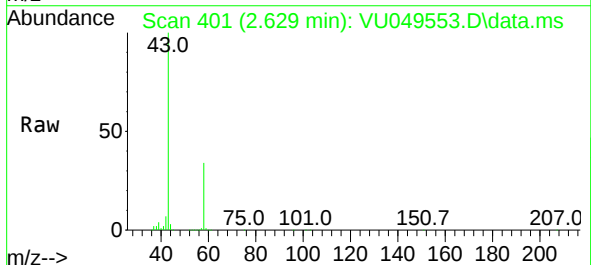
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

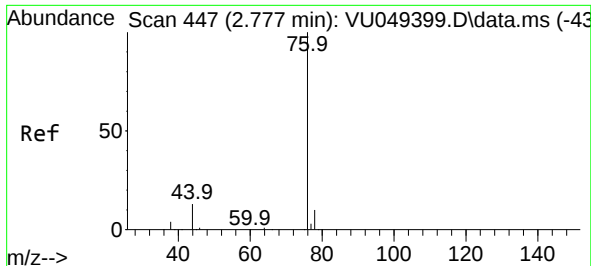
Tgt Ion: 53 Resp: 502023
Ion Ratio Lower Upper
53 100
52 81.7 65.7 98.5
51 34.6 28.2 42.4



#16
Acetone
Concen: 295.854 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.006 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion: 43 Resp: 537608
Ion Ratio Lower Upper
43 100
58 33.8 27.5 41.3

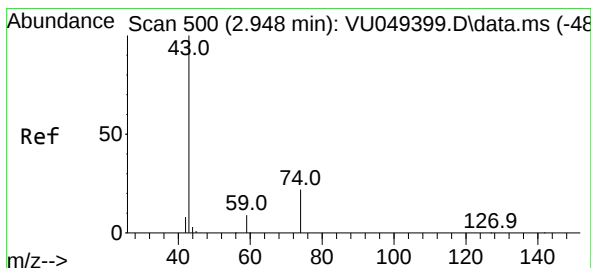
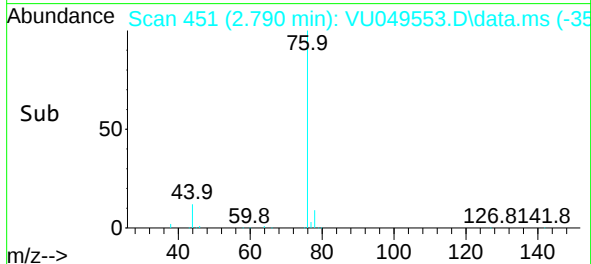
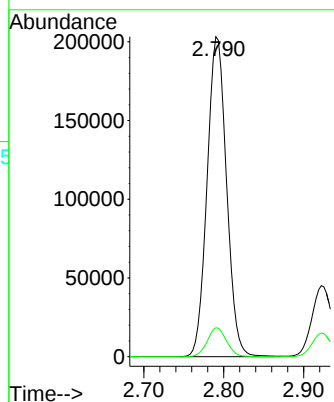
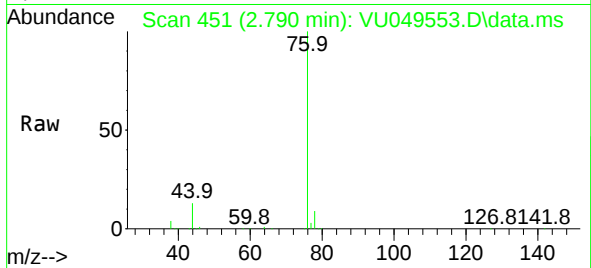




#17
Carbon Disulfide
Concen: 43.414 ug/l
RT: 2.790 min Scan# 417
Delta R.T. 0.013 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

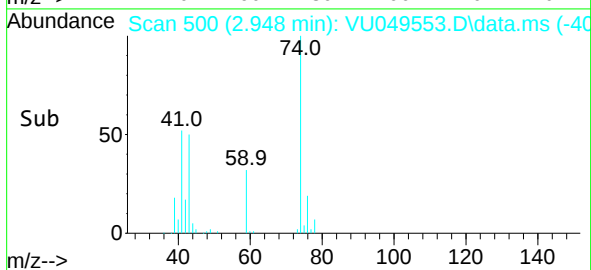
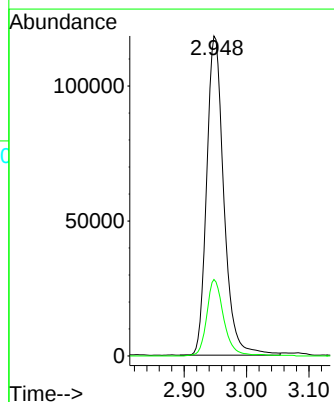
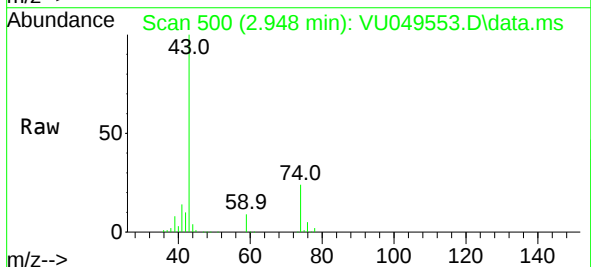
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 344066
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 45.999 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion: 43 Resp: 226269
Ion Ratio Lower Upper
43 100
74 23.6 22.5 33.7

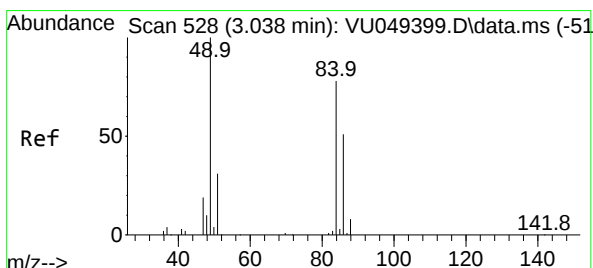
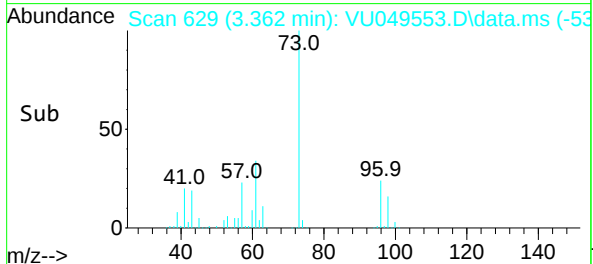
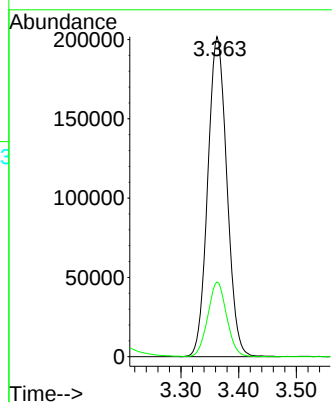
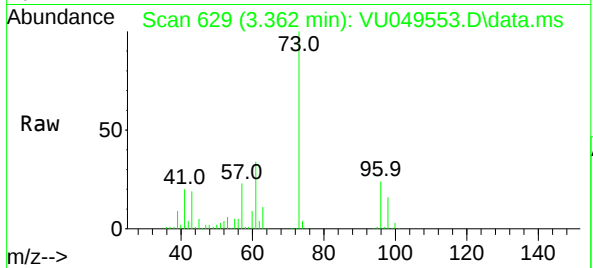




#19
Methyl tert-butyl Ether
Concen: 49.153 ug/l
RT: 3.362 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

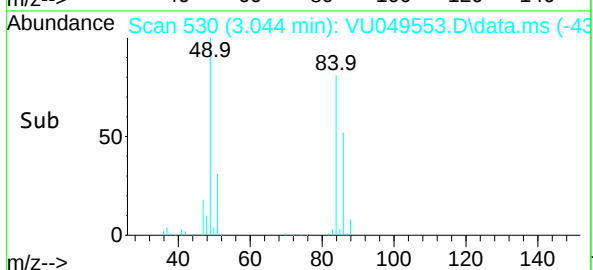
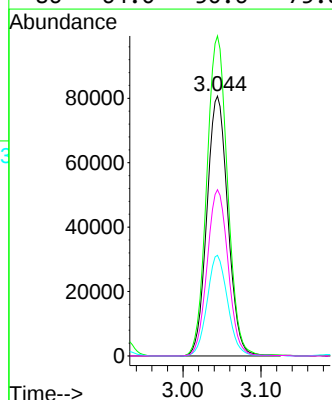
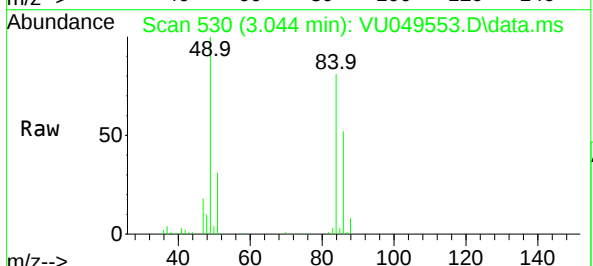
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

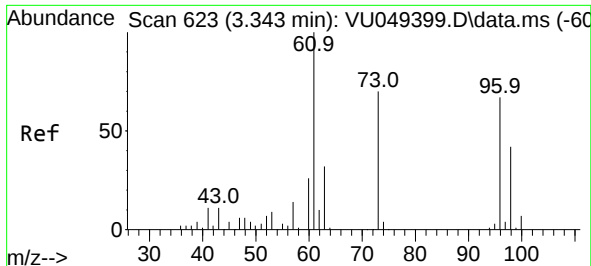
Tgt Ion: 73 Resp: 464575
Ion Ratio Lower Upper
73 100
57 23.4 17.1 25.7



#20
Methylene Chloride
Concen: 49.930 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.006 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion: 84 Resp: 151036
Ion Ratio Lower Upper
84 100
49 123.2 86.6 129.8
51 38.7 26.6 40.0
86 64.0 50.6 75.8

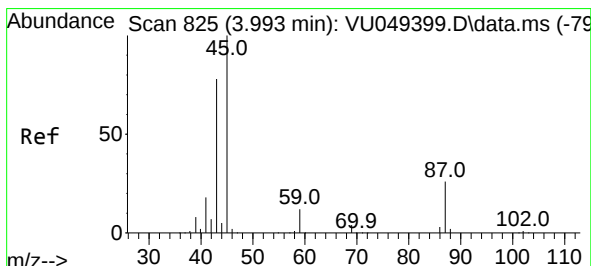
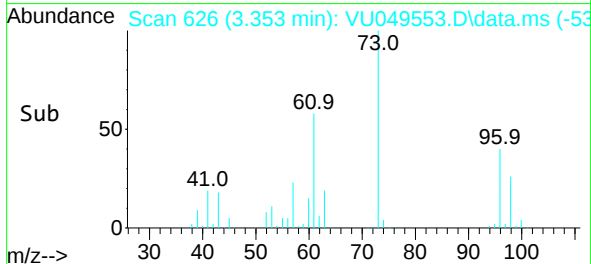
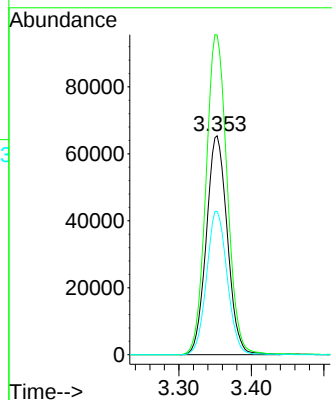
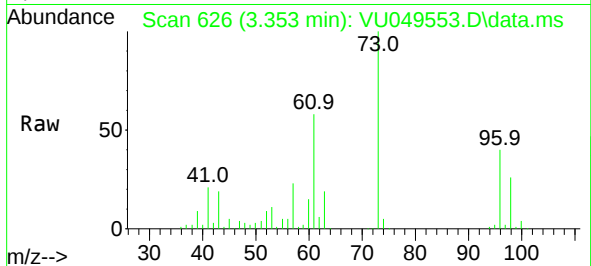




#21
trans-1,2-Dichloroethene
Concen: 48.014 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.010 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

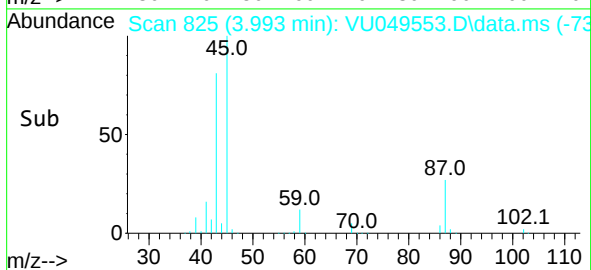
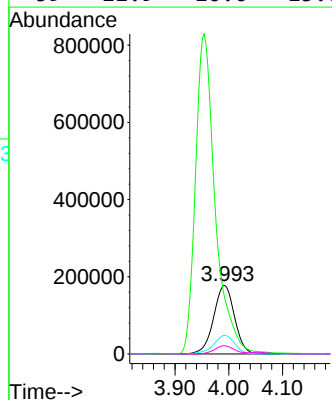
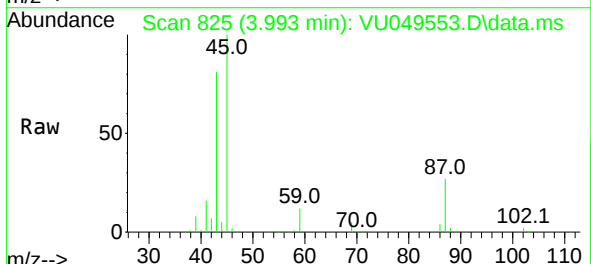
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

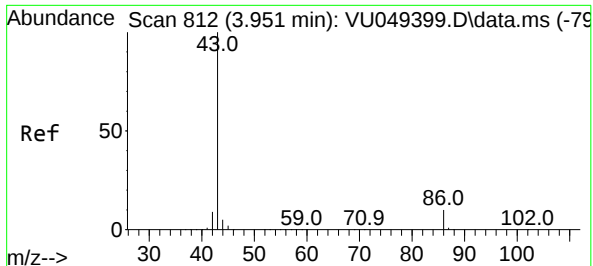
Tgt Ion: 96 Resp: 131532
Ion Ratio Lower Upper
96 100
61 146.1 106.1 159.1
98 65.5 50.8 76.2



#22
Diisopropyl ether
Concen: 48.779 ug/l
RT: 3.993 min Scan# 825
Delta R.T. 0.000 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion: 45 Resp: 478315
Ion Ratio Lower Upper
45 100
43 80.3 92.9 139.3#
87 27.2 26.2 39.2
59 11.9 10.0 15.0

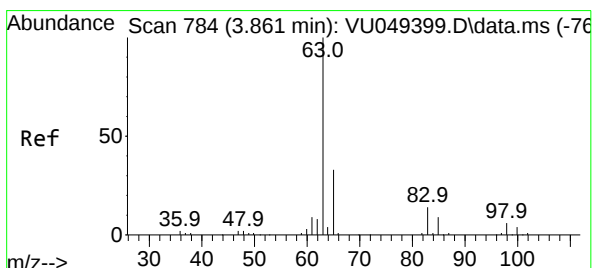
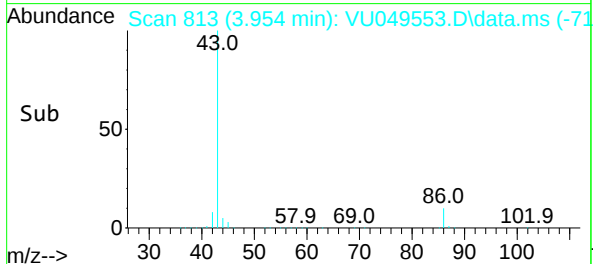
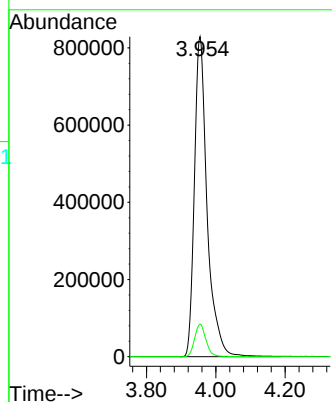
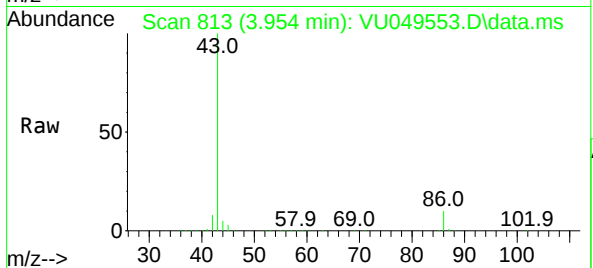




#23
 Vinyl Acetate
 Concen: 247.447 ug/l
 RT: 3.954 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VU049553.D
 Acq: 30 Jun 2022 10:21

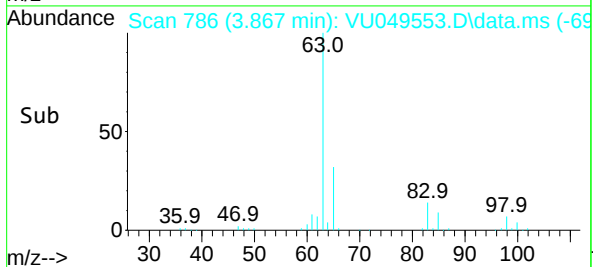
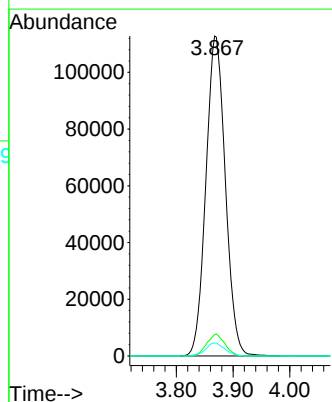
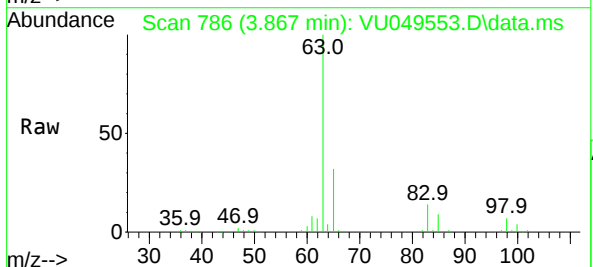
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

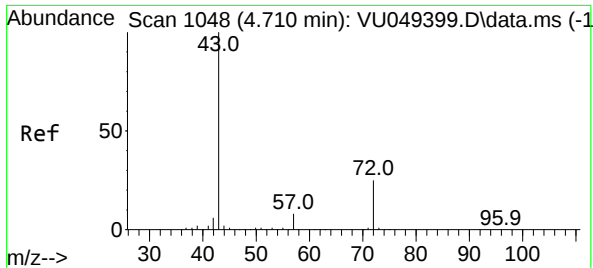
Tgt Ion: 43 Resp: 2126746
 Ion Ratio Lower Upper
 43 100
 86 10.2 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 47.727 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. 0.007 min
 Lab File: VU049553.D
 Acq: 30 Jun 2022 10:21

Tgt Ion: 63 Resp: 268829
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 4.1 2.4 7.2





#25

2-Butanone

Concen: 265.881 ug/l

RT: 4.700 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

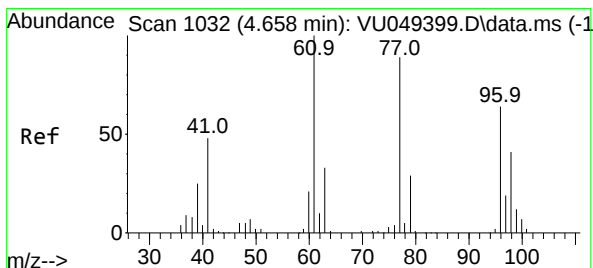
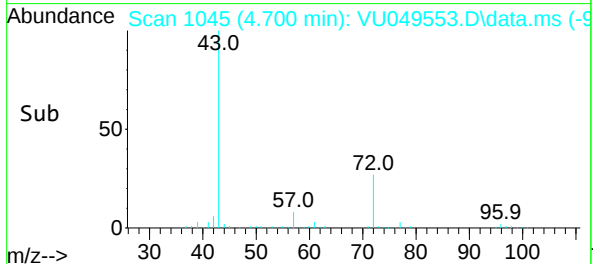
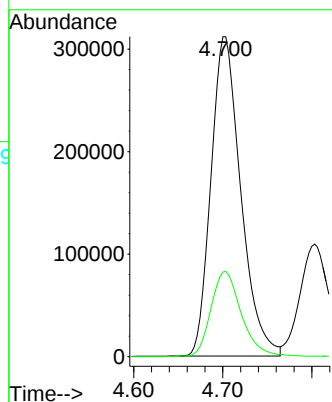
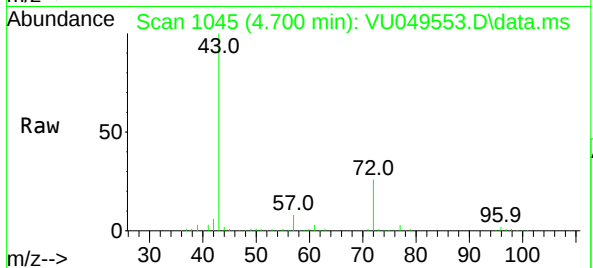
VSTDCCC050

Tgt Ion: 43 Resp: 724059

Ion Ratio Lower Upper

43 100

72 26.3 23.8 35.6



#26

2,2-Dichloropropane

Concen: 47.623 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VU049553.D

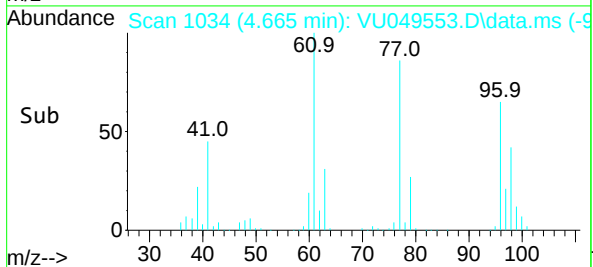
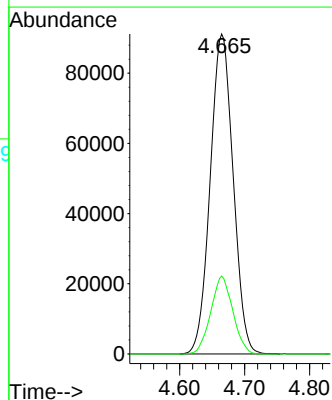
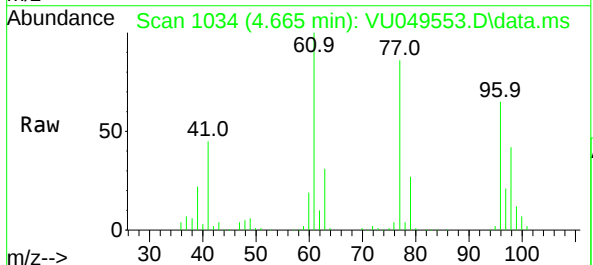
Acq: 30 Jun 2022 10:21

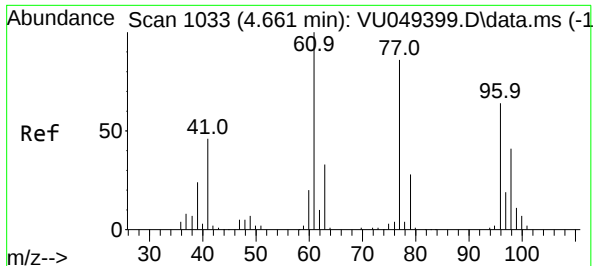
Tgt Ion: 77 Resp: 223256

Ion Ratio Lower Upper

77 100

97 23.4 11.6 34.8

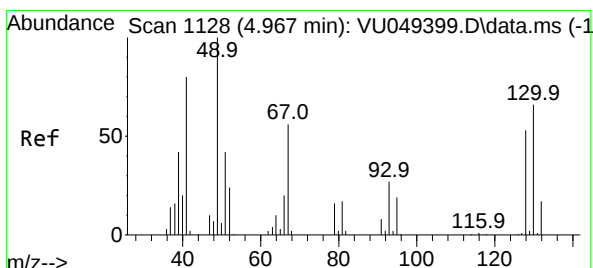
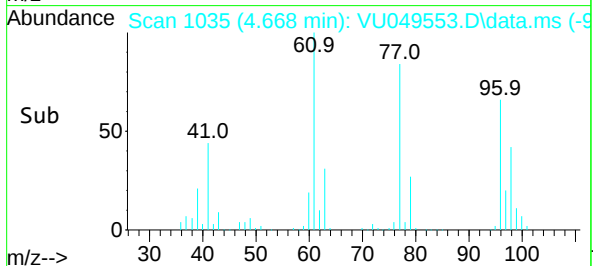
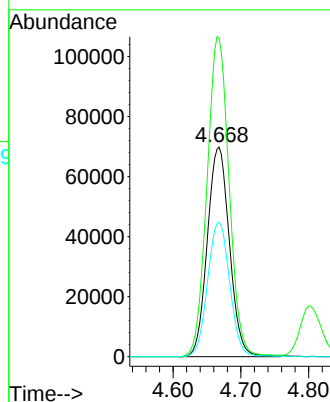
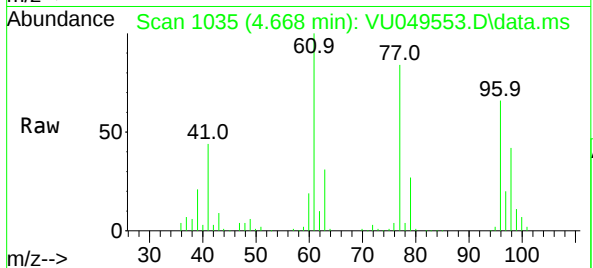




#27
 cis-1,2-Dichloroethene
 Concen: 49.892 ug/l
 RT: 4.668 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VU049553.D
 Acq: 30 Jun 2022 10:21

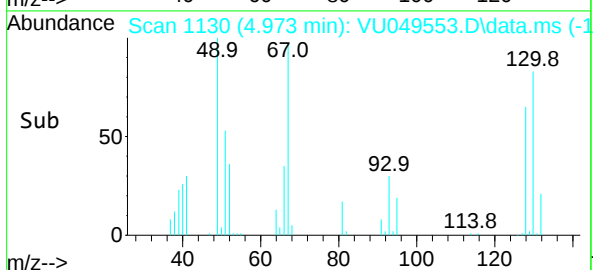
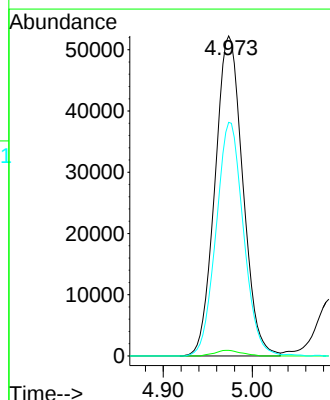
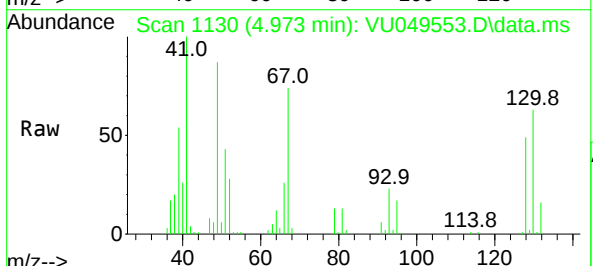
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

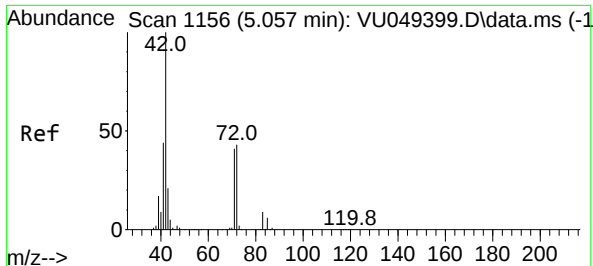
Tgt Ion: 96 Resp: 157916
 Ion Ratio Lower Upper
 96 100
 61 152.0 0.0 271.6
 98 64.3 0.0 128.2



#28
 Bromochloromethane
 Concen: 46.021 ug/l
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VU049553.D
 Acq: 30 Jun 2022 10:21

Tgt Ion: 49 Resp: 113305
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 71.8 76.9 115.3#





#29

Tetrahydrofuran

Concen: 235.641 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. -0.006 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

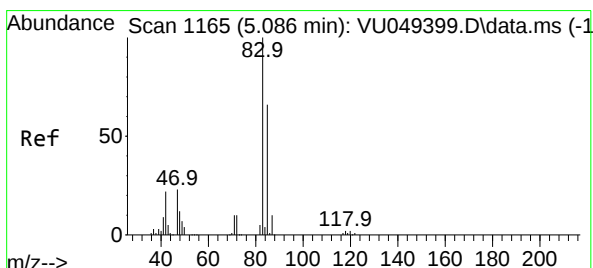
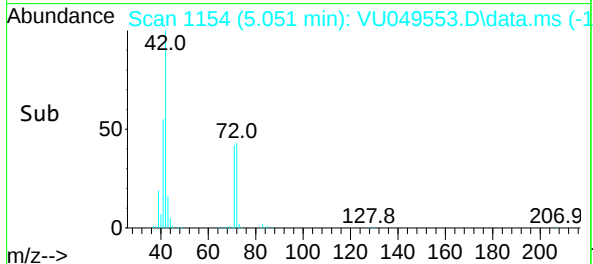
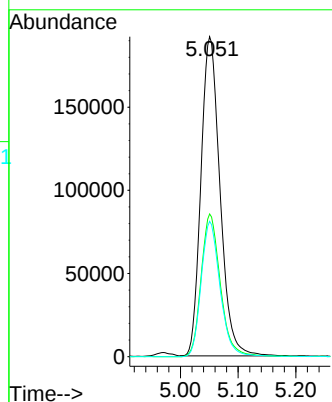
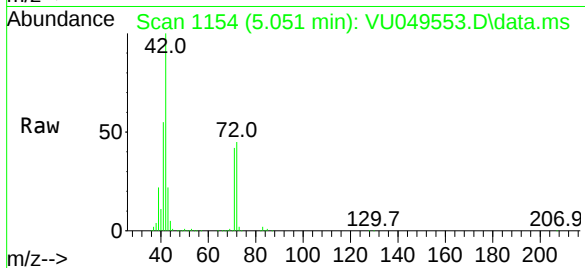
Tgt Ion: 42 Resp: 440218

Ion Ratio Lower Upper

42 100

72 45.1 42.6 63.8

71 42.1 40.3 60.5



#30

Chloroform

Concen: 46.803 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU049553.D

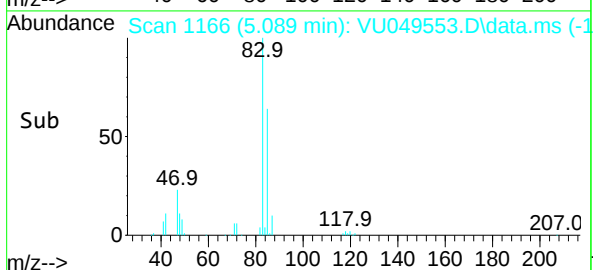
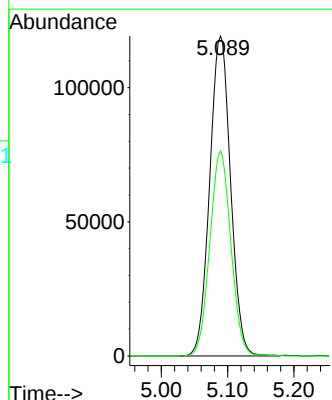
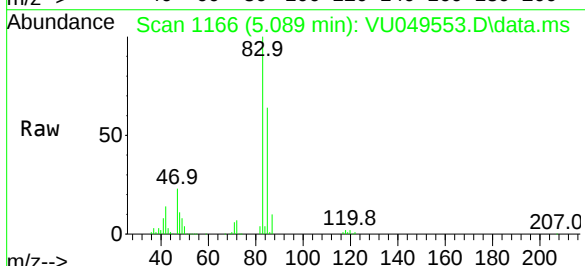
Acq: 30 Jun 2022 10:21

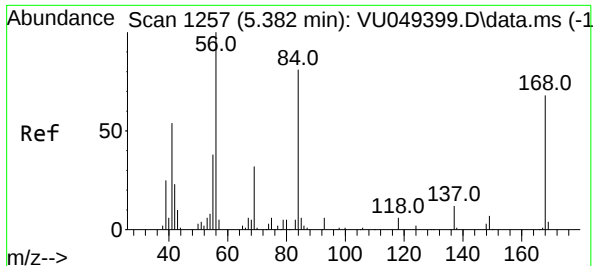
Tgt Ion: 83 Resp: 260775

Ion Ratio Lower Upper

83 100

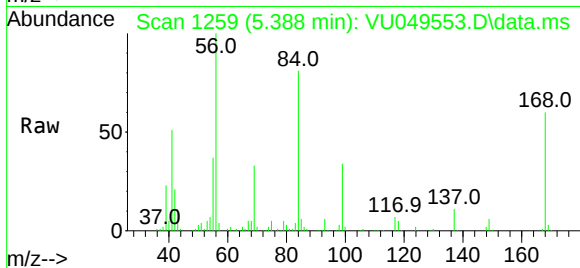
85 64.0 51.2 76.8



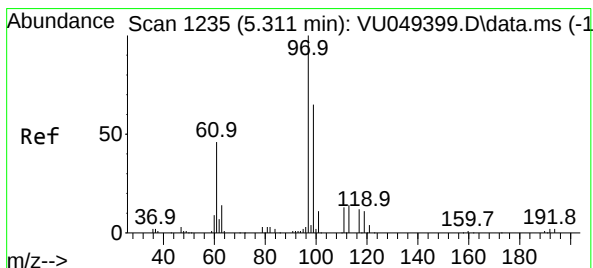
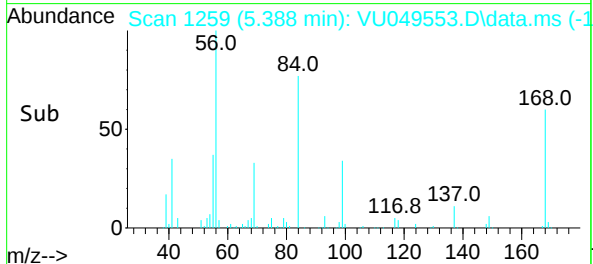
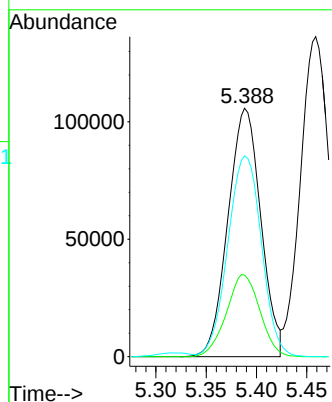


#31
Cyclohexane
Concen: 44.383 ug/l
RT: 5.388 min Scan# 1257
Delta R.T. 0.006 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

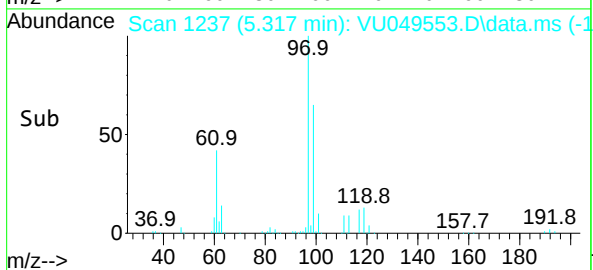
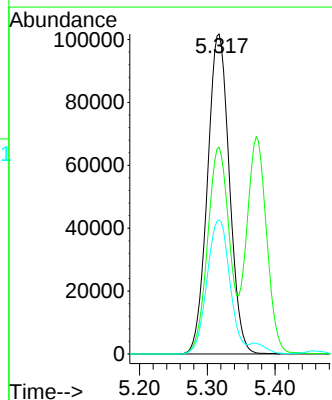
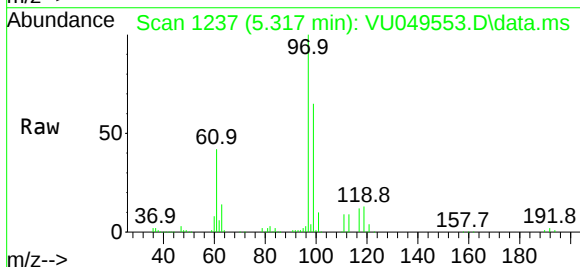


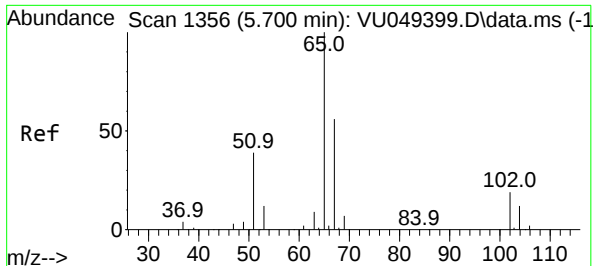
Tgt Ion: 56 Resp: 240136
Ion Ratio Lower Upper
56 100
69 32.9 27.8 41.8
84 79.3 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 47.328 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. 0.006 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion: 97 Resp: 228801
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 43.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 44.933 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

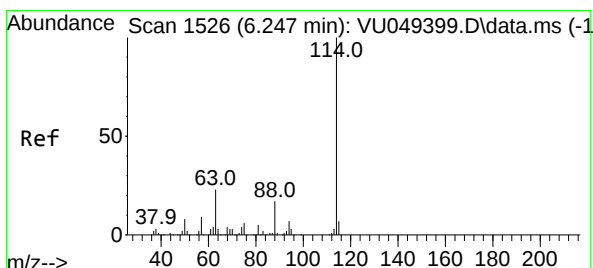
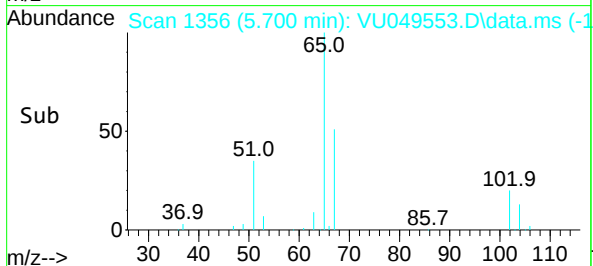
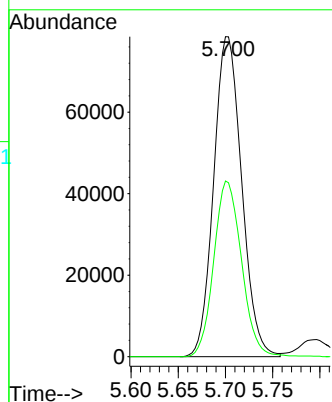
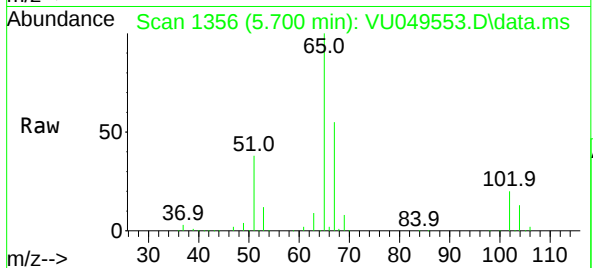
VSTDCCC050

Tgt Ion: 65 Resp: 161908

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

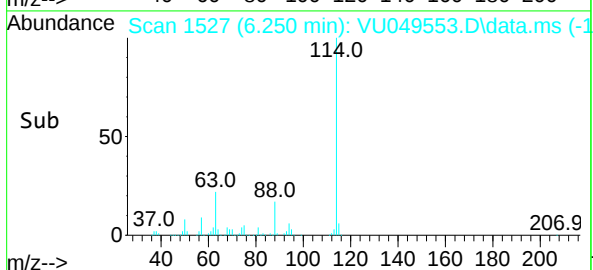
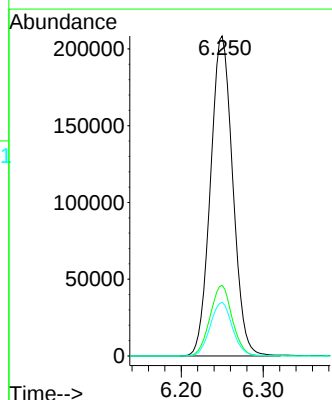
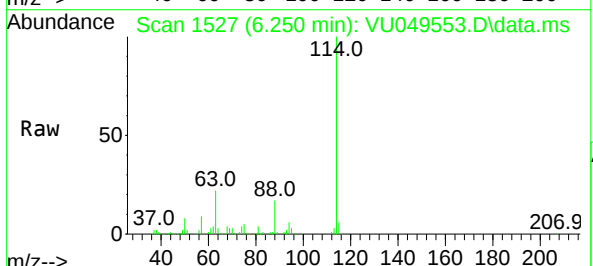
Tgt Ion: 114 Resp: 392892

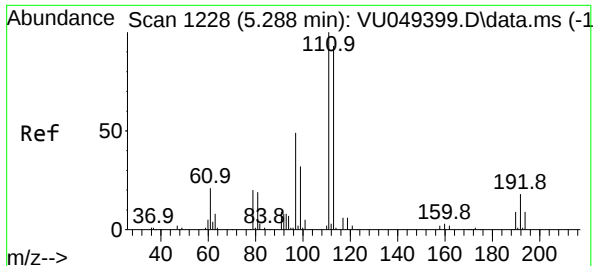
Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.8

88 16.8 0.0 29.2

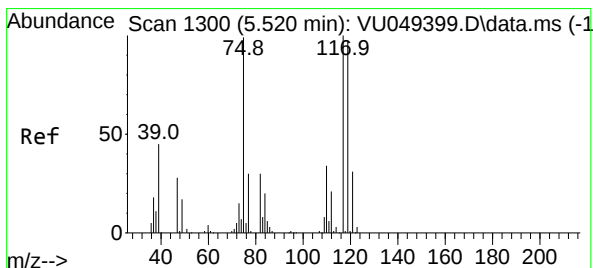
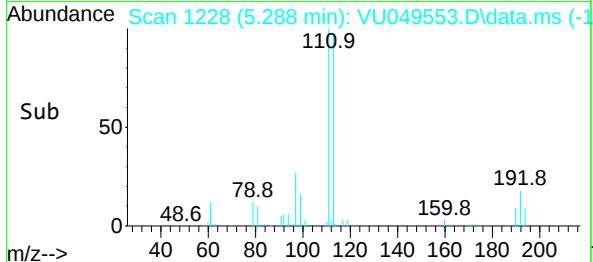
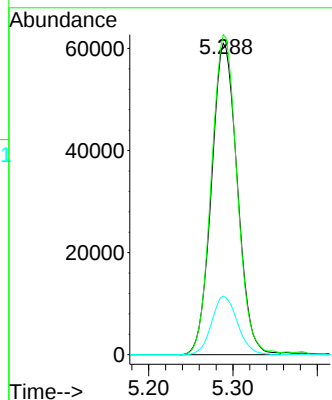
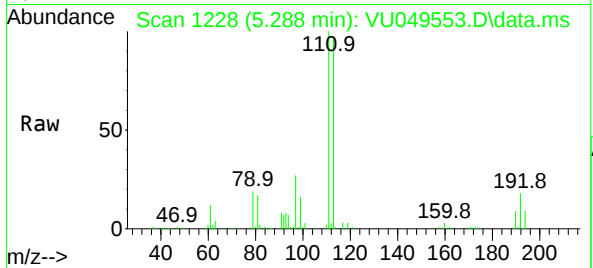




#35
Dibromofluoromethane
Concen: 47.232 ug/l
RT: 5.288 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

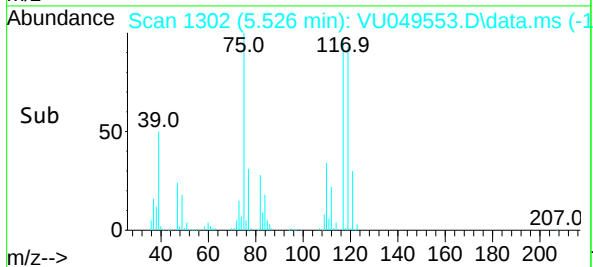
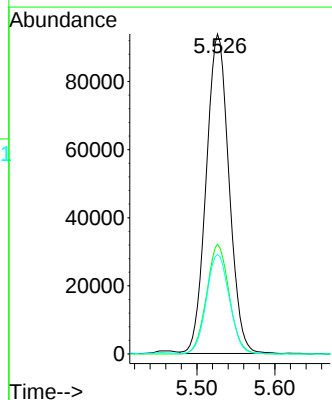
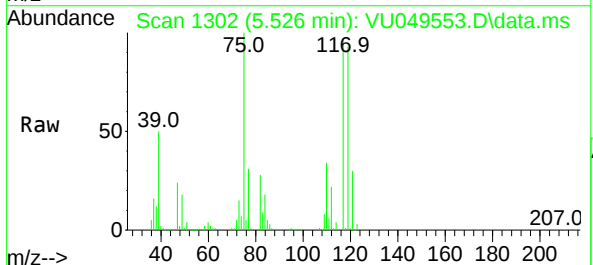
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

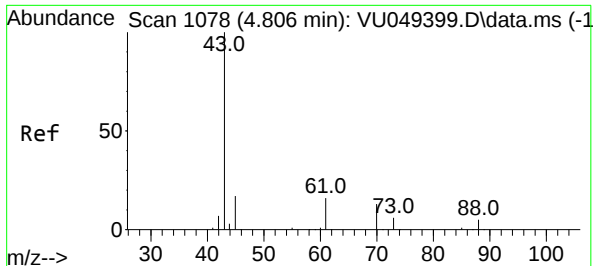
Tgt Ion:113 Resp: 129830
Ion Ratio Lower Upper
113 100
111 102.2 82.1 123.1
192 18.8 18.0 27.0



#36
1,1-Dichloropropene
Concen: 47.836 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. 0.007 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion: 75 Resp: 190658
Ion Ratio Lower Upper
75 100
110 34.0 18.4 55.2
77 31.6 25.1 37.7





#37

Ethyl Acetate

Concen: 46.791 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

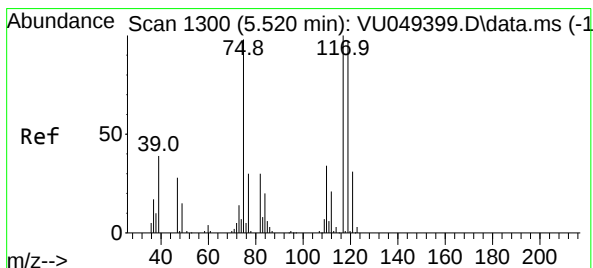
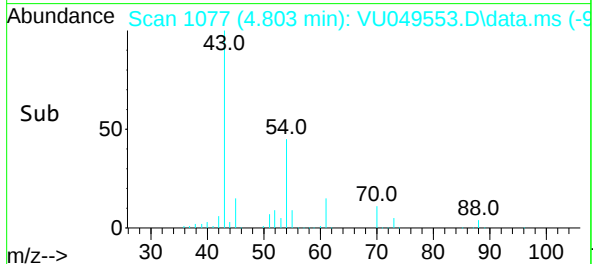
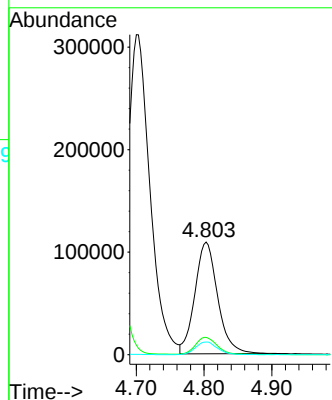
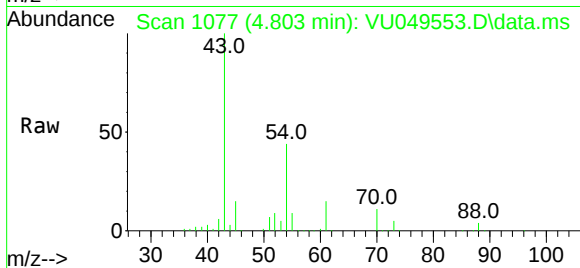
Tgt Ion: 43 Resp: 254838

Ion Ratio Lower Upper

43 100

61 14.1 9.5 14.3

70 10.9 7.5 11.3



#38

Carbon Tetrachloride

Concen: 47.028 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. 0.007 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

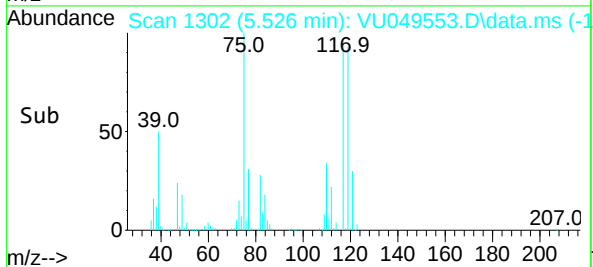
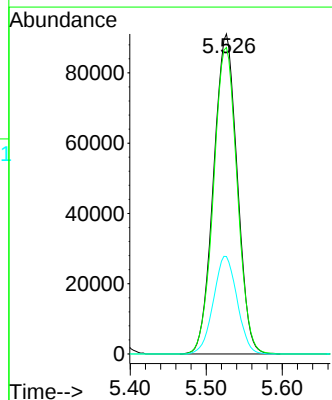
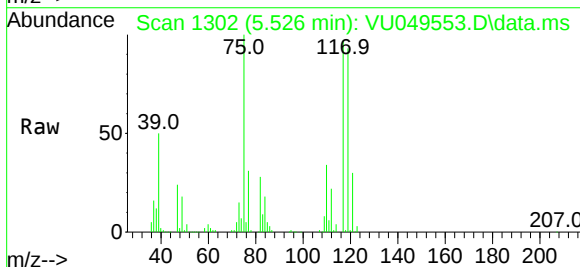
Tgt Ion:117 Resp: 196575

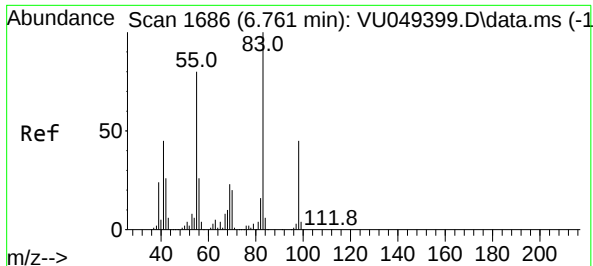
Ion Ratio Lower Upper

117 100

119 95.8 76.8 115.2

121 30.4 24.7 37.1





#39

Methylcyclohexane

Concen: 47.459 ug/l

RT: 6.764 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

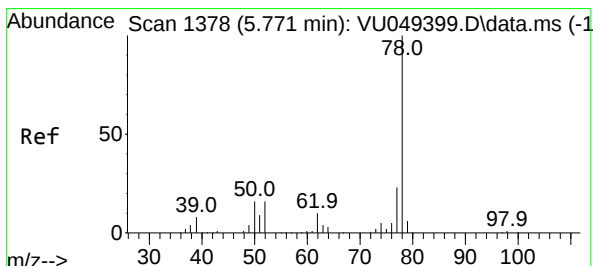
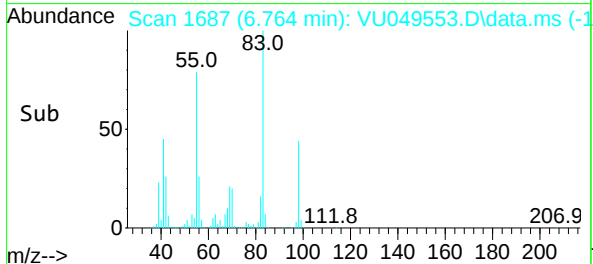
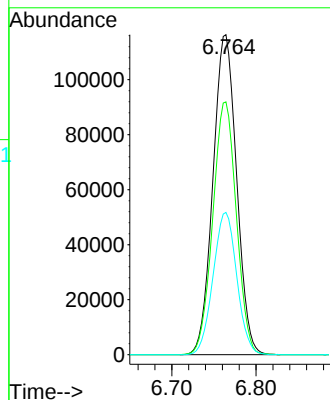
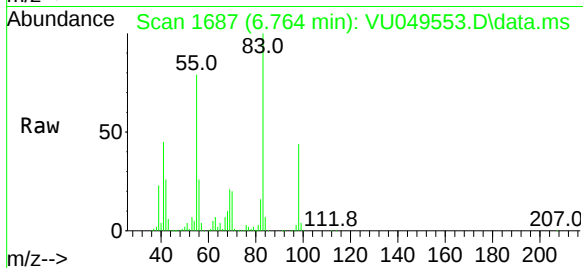
Tgt Ion: 83 Resp: 226729

Ion Ratio Lower Upper

83 100

55 79.0 55.3 82.9

98 44.5 37.3 55.9



#40

Benzene

Concen: 48.135 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU049553.D

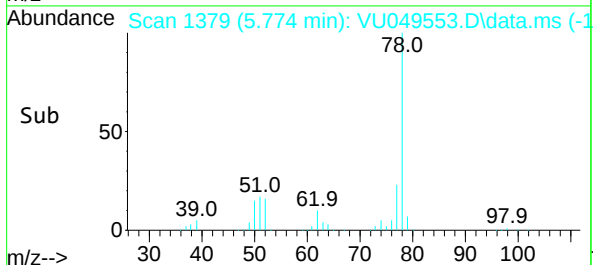
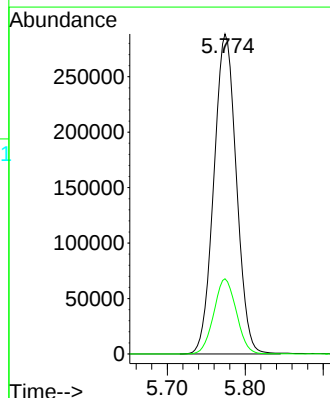
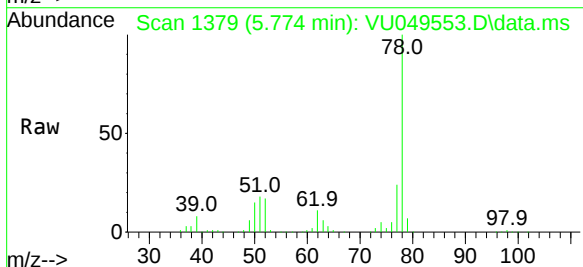
Acq: 30 Jun 2022 10:21

Tgt Ion: 78 Resp: 579220

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2

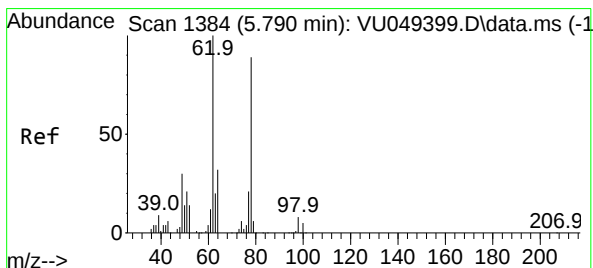
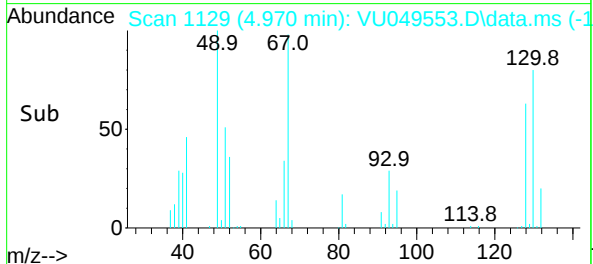
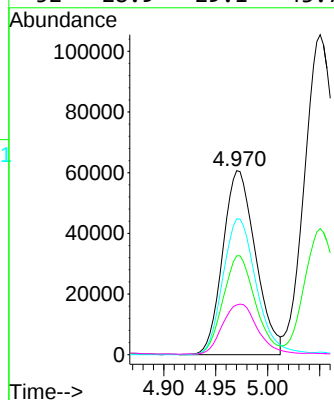
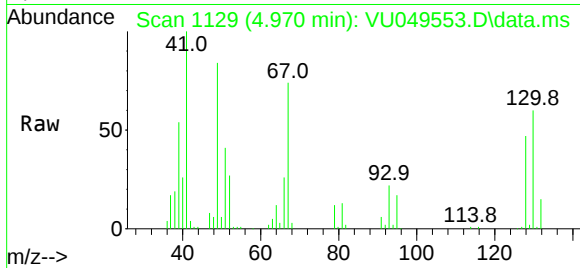




#41
Methacrylonitrile
Concen: 48.870 ug/l
RT: 4.970 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

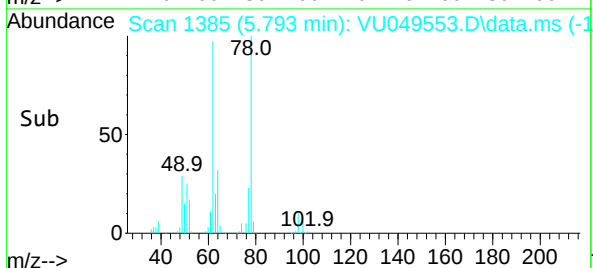
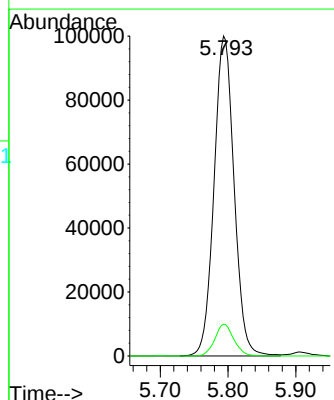
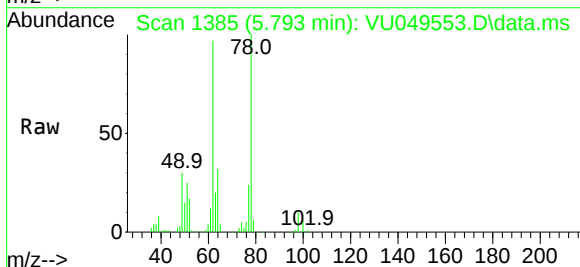
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

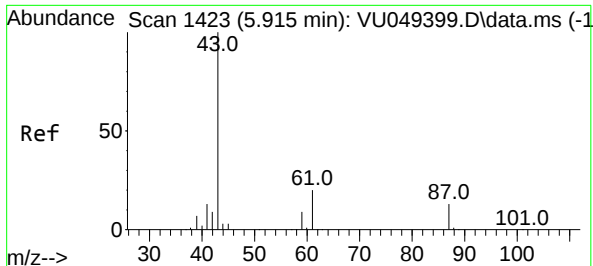
Tgt Ion: 41 Resp: 133368
Ion Ratio Lower Upper
41 100
39 52.8 43.1 64.7
67 75.3 72.3 108.5
52 28.9 29.1 43.7#



#42
1,2-Dichloroethane
Concen: 45.900 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion: 62 Resp: 205570
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.6

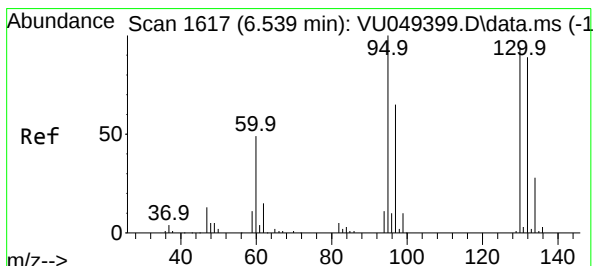
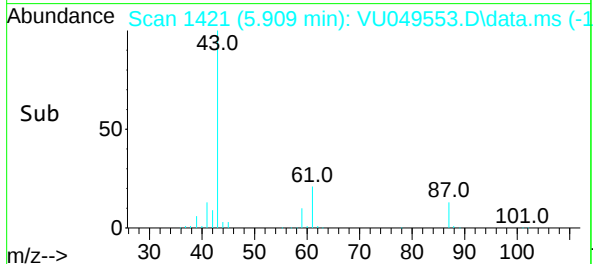
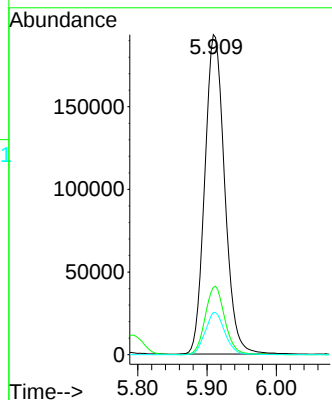
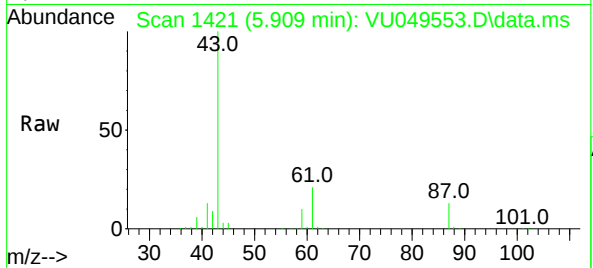




#43
Isopropyl Acetate
Concen: 48.217 ug/l
RT: 5.909 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

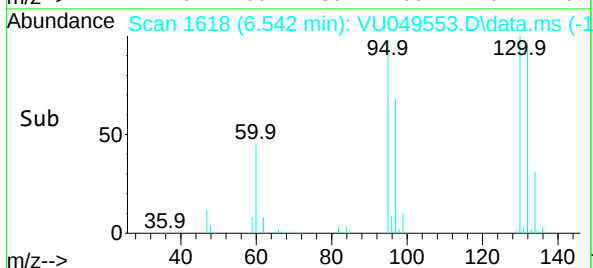
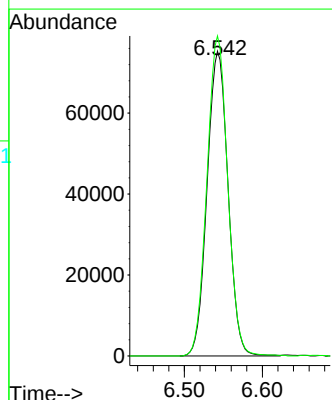
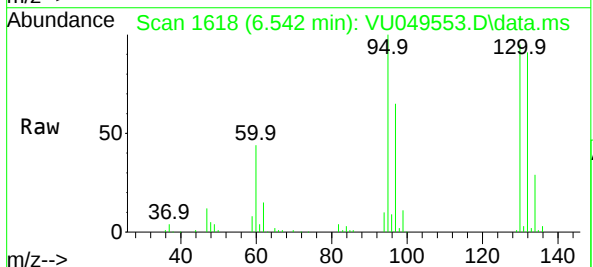
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 384787
Ion Ratio Lower Upper
43 100
61 21.1 17.4 26.0
87 13.2 12.6 18.8



#44
Trichloroethene
Concen: 49.167 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion:130 Resp: 140648
Ion Ratio Lower Upper
130 100
95 105.0 0.0 184.6





#45

1,2-Dichloropropane

Concen: 47.728 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

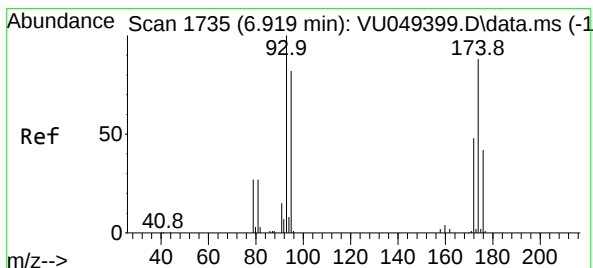
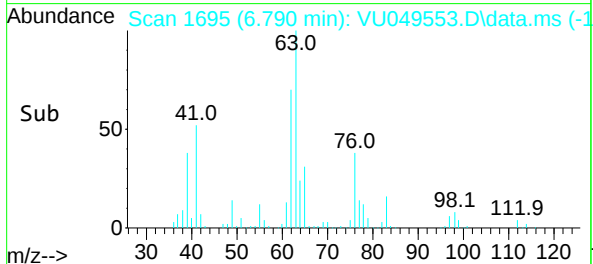
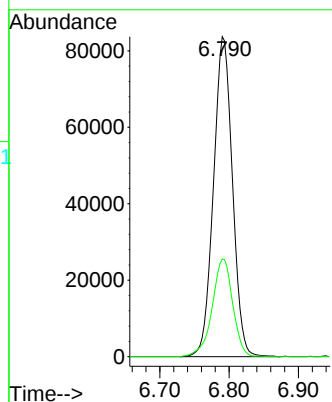
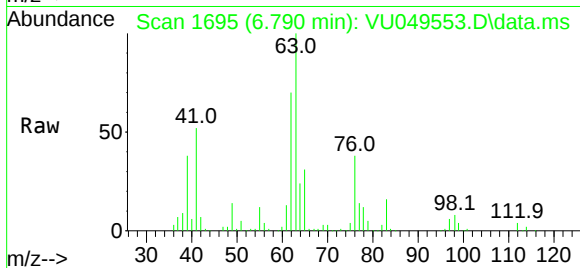
VSTDCCC050

Tgt Ion: 63 Resp: 159141

Ion Ratio Lower Upper

63 100

65 30.5 25.0 37.4



#46

Dibromomethane

Concen: 47.761 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

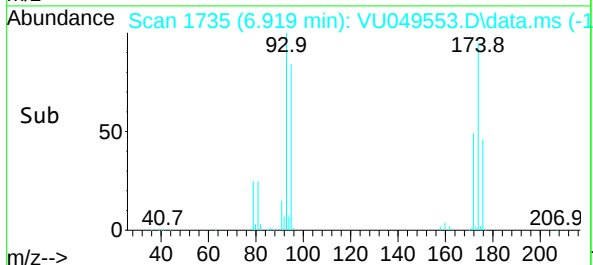
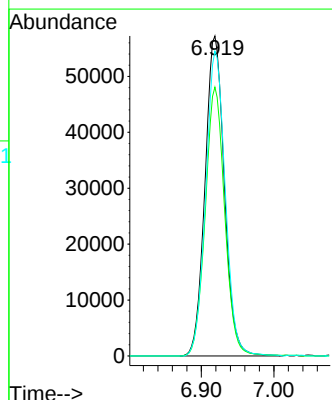
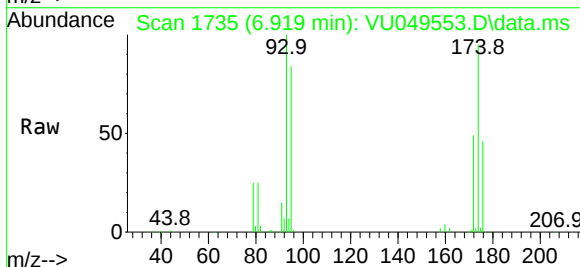
Tgt Ion: 93 Resp: 106175

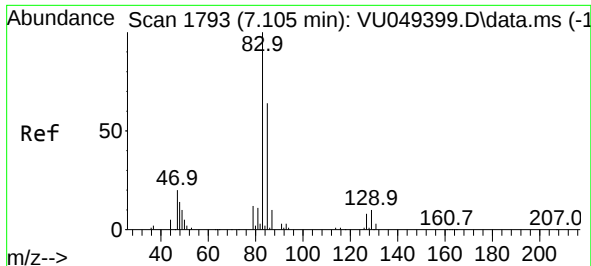
Ion Ratio Lower Upper

93 100

95 84.4 66.3 99.5

174 96.3 88.2 132.4

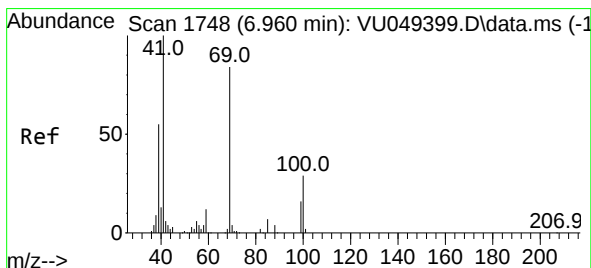
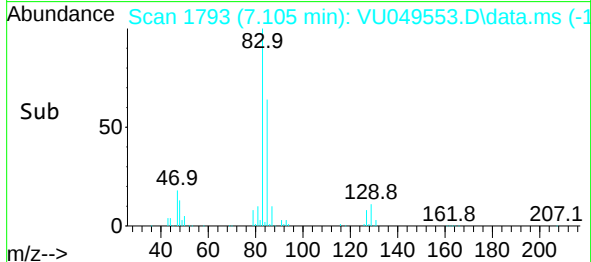
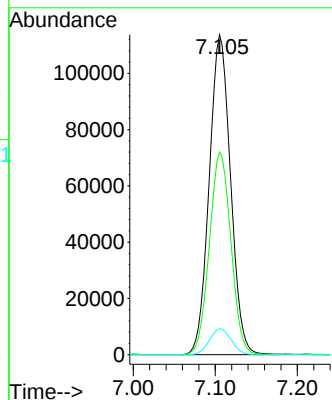
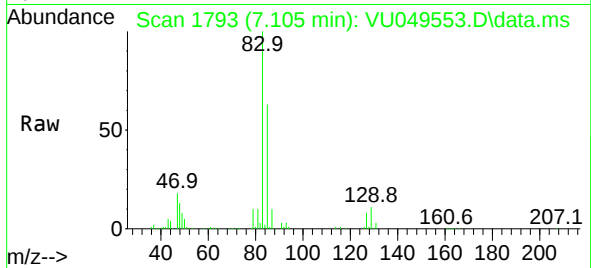




#47
Bromodichloromethane
Concen: 48.104 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

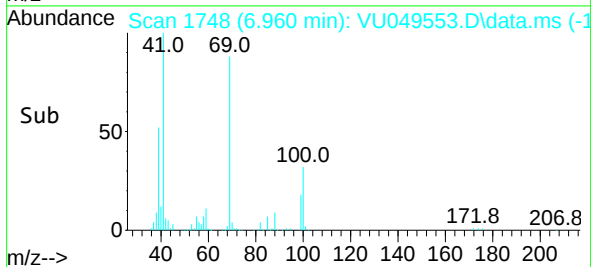
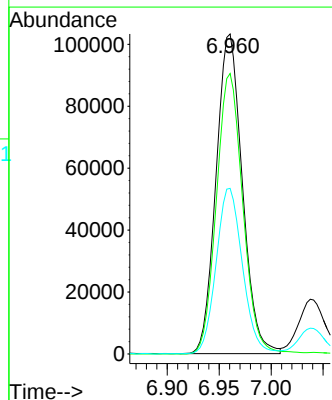
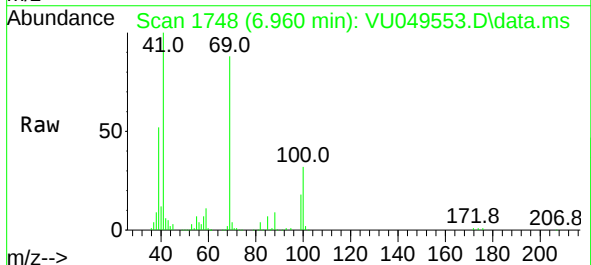
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

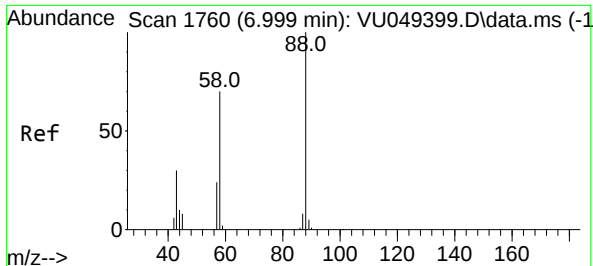
Tgt Ion: 83 Resp: 205826
Ion Ratio Lower Upper
83 100
85 63.3 51.4 77.2
127 8.1 7.1 10.7



#48
Methyl methacrylate
Concen: 48.518 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion: 41 Resp: 181454
Ion Ratio Lower Upper
41 100
69 88.2 79.8 119.6
39 51.6 47.9 71.9





#49

1,4-Dioxane

Concen: 1006.034 ug/l

RT: 6.989 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

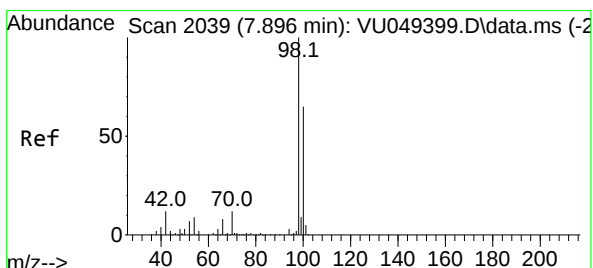
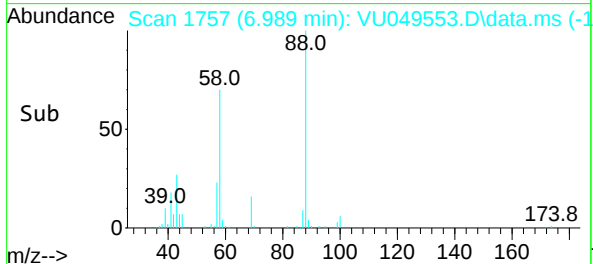
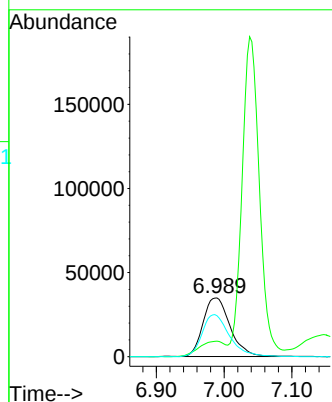
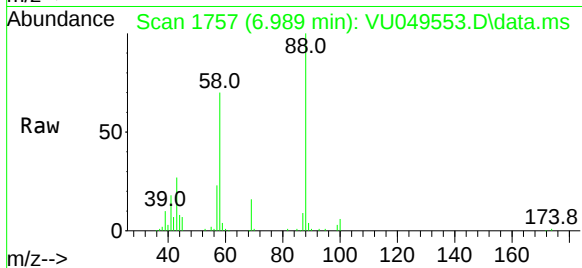
Tgt Ion: 88 Resp: 96393

Ion Ratio Lower Upper

88 100

43 26.0 0.0 0.0#

58 73.1 15.4 23.0#



#50

Toluene-d8

Concen: 47.639 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.003 min

Lab File: VU049553.D

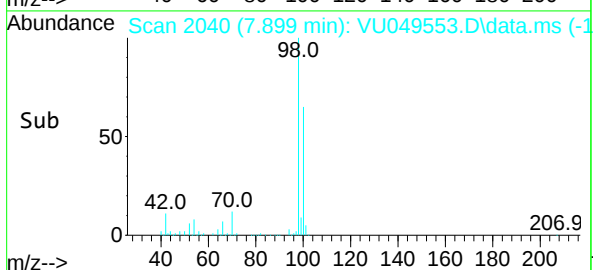
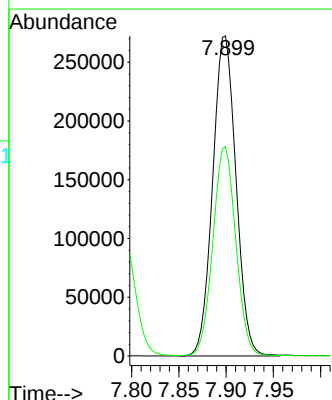
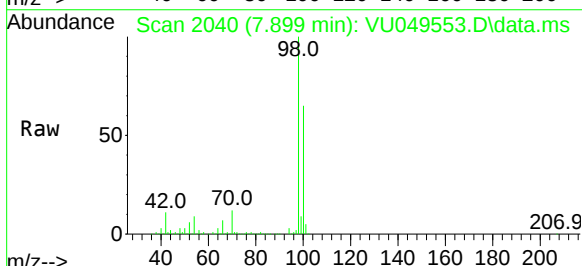
Acq: 30 Jun 2022 10:21

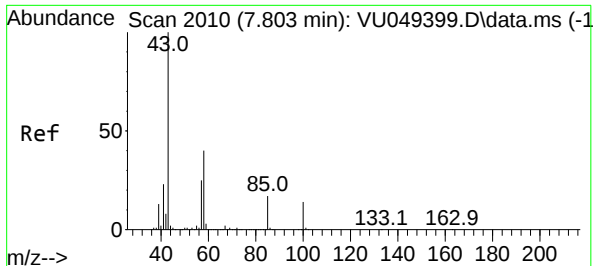
Tgt Ion: 98 Resp: 467057

Ion Ratio Lower Upper

98 100

100 64.4 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 236.665 ug/l

RT: 7.790 min Scan# 2010

Delta R.T. -0.013 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

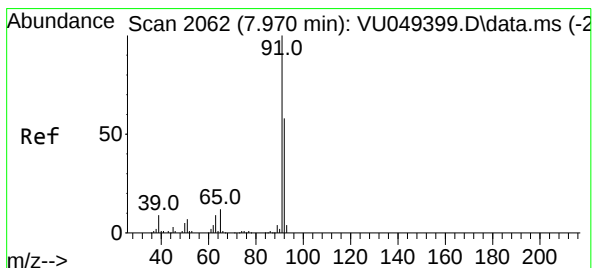
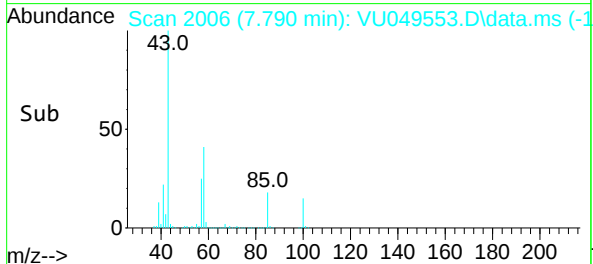
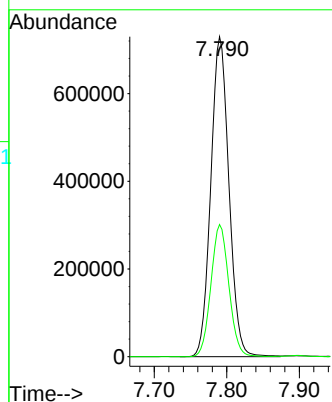
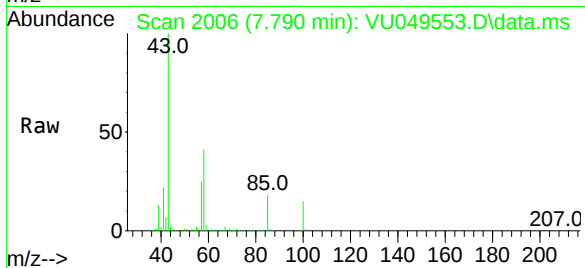
VSTDCCC050

Tgt Ion: 43 Resp: 1263998

Ion Ratio Lower Upper

43 100

58 41.0 34.7 52.1



#52

Toluene

Concen: 49.610 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049553.D

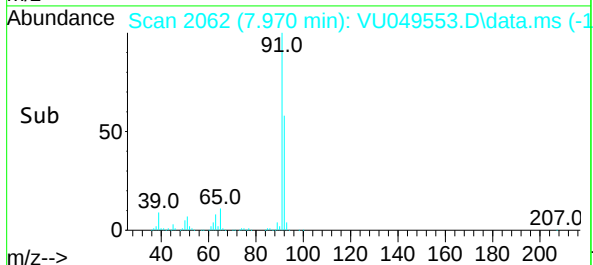
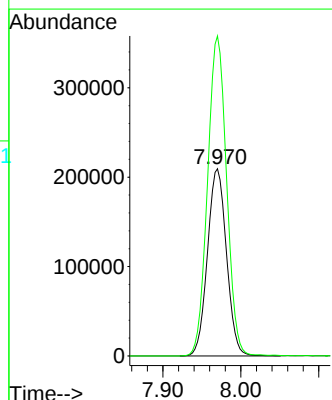
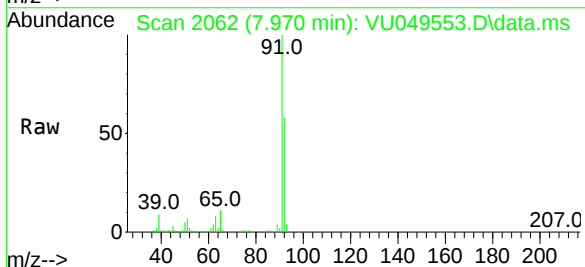
Acq: 30 Jun 2022 10:21

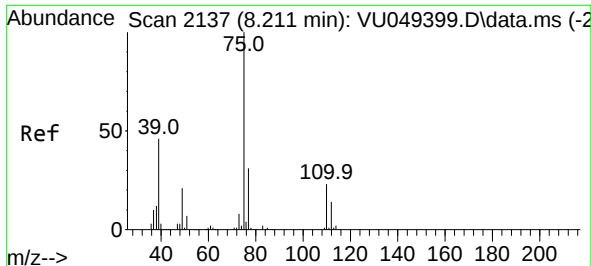
Tgt Ion: 92 Resp: 354818

Ion Ratio Lower Upper

92 100

91 171.1 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 50.046 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

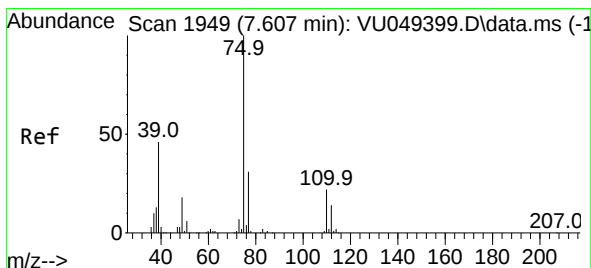
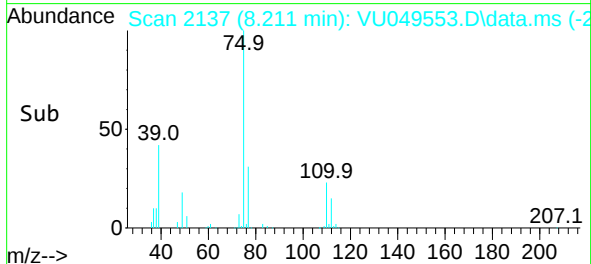
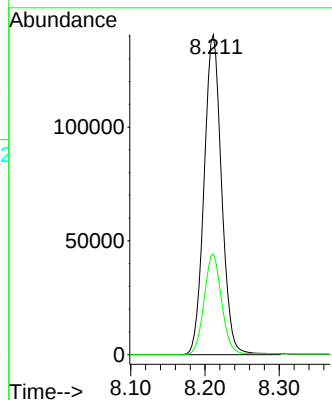
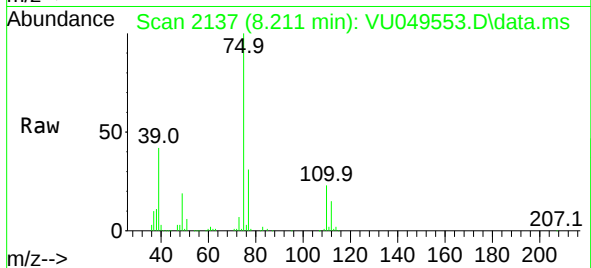
VSTDCCC050

Tgt Ion: 75 Resp: 229695

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 50.827 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

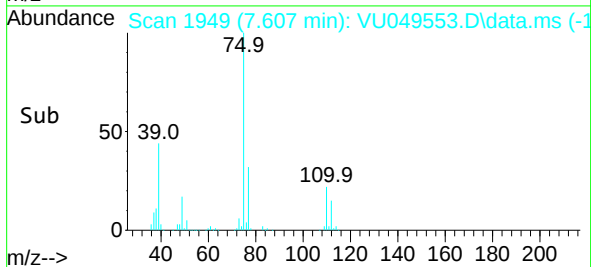
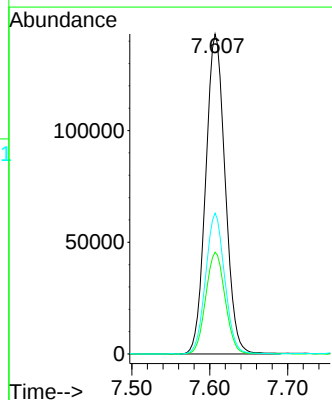
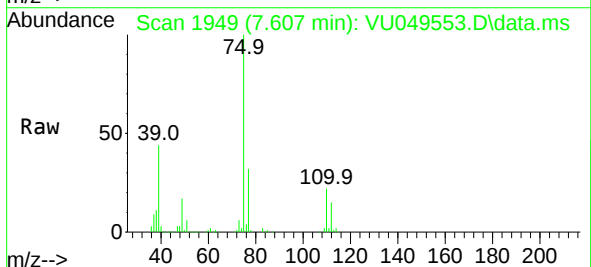
Tgt Ion: 75 Resp: 249078

Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

39 44.0 33.0 49.6

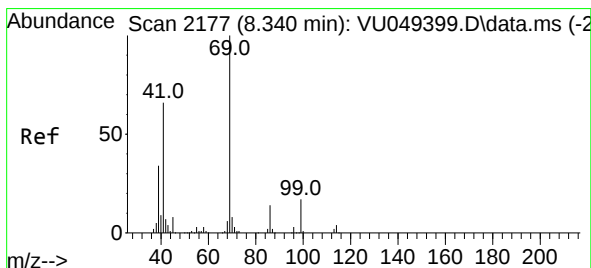
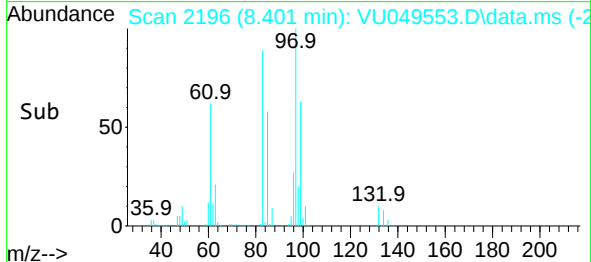
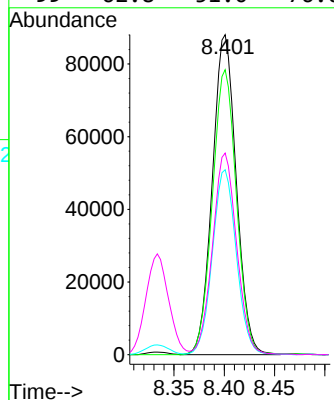
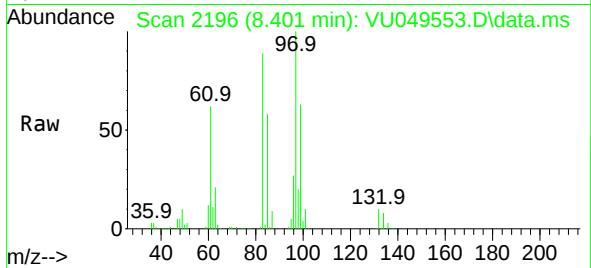




#55
1,1,2-Trichloroethane
Concen: 49.288 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

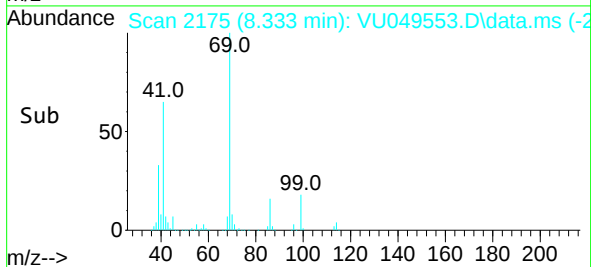
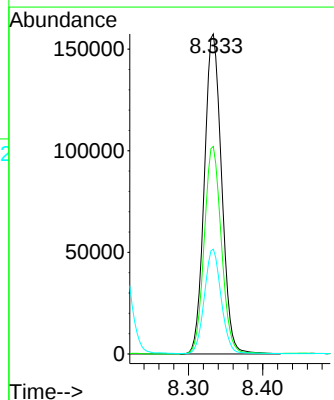
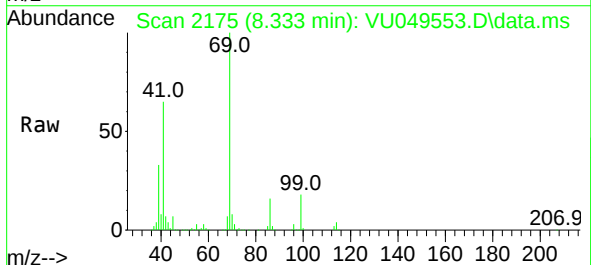
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

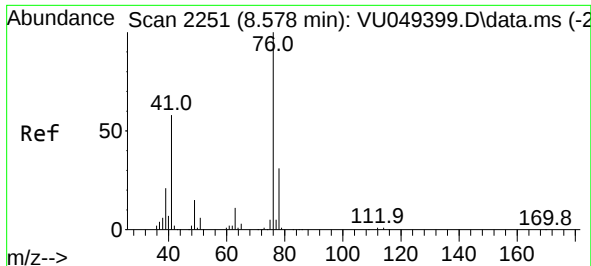
Tgt Ion:	97	Resp:	145750
Ion	Ratio	Lower	Upper
97	100		
83	89.1	70.2	105.4
85	57.7	44.6	66.8
99	62.8	51.0	76.6



#56
Ethyl methacrylate
Concen: 51.369 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.006 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion:	69	Resp:	254062
Ion	Ratio	Lower	Upper
69	100		
41	64.3	45.4	68.0
39	31.9	25.7	38.5





#57

1,3-Dichloropropane

Concen: 48.094 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

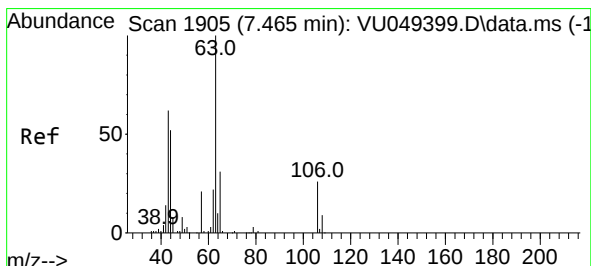
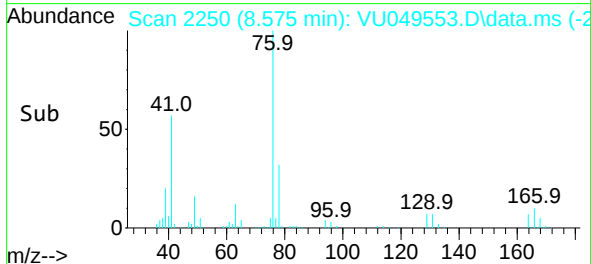
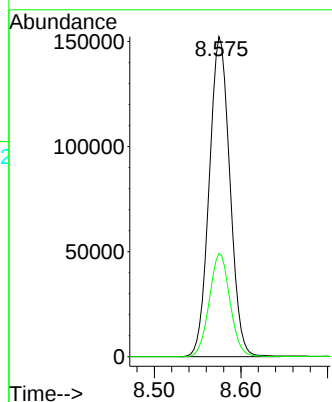
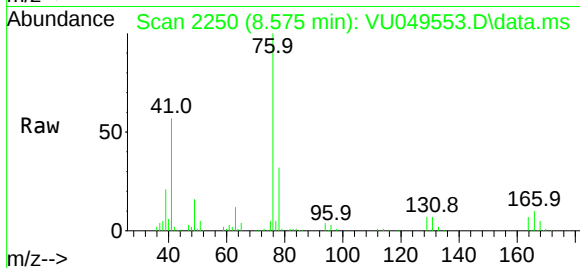
VSTDCCC050

Tgt Ion: 76 Resp: 252285

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 373.657 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VU049553.D

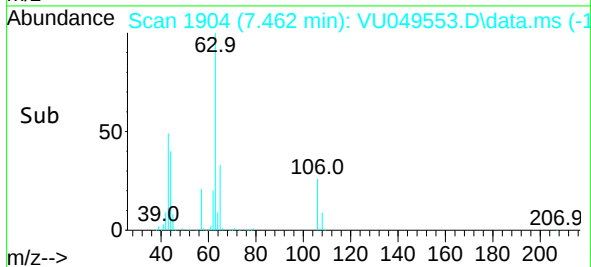
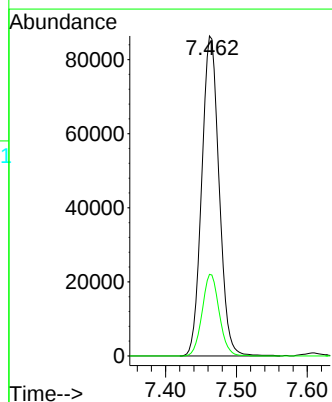
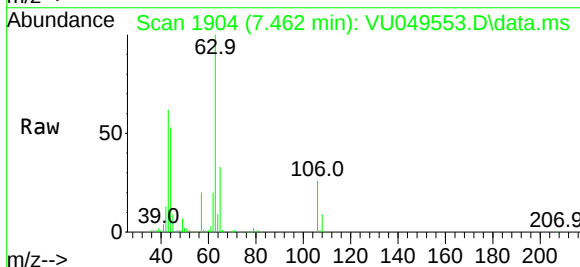
Acq: 30 Jun 2022 10:21

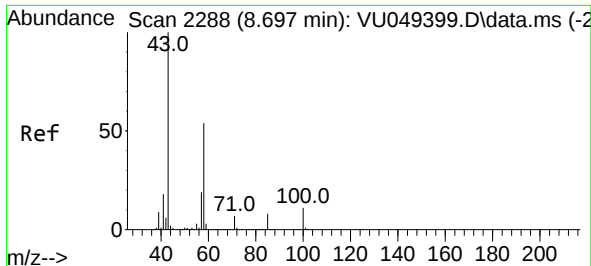
Tgt Ion: 63 Resp: 146752

Ion Ratio Lower Upper

63 100

106 25.1 23.1 34.7





#59

2-Hexanone

Concen: 239.214 ug/l

RT: 8.684 min Scan# 21

Delta R.T. -0.013 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

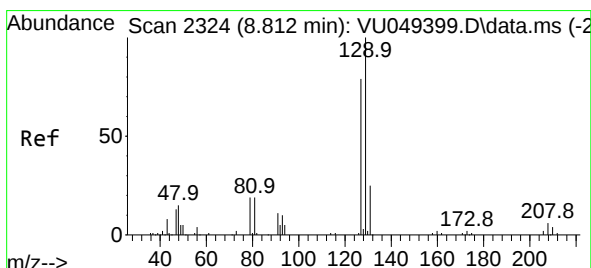
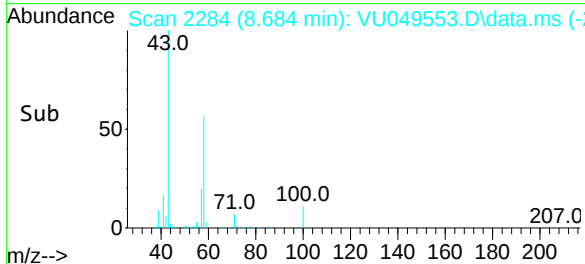
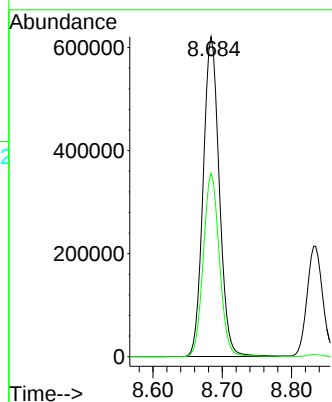
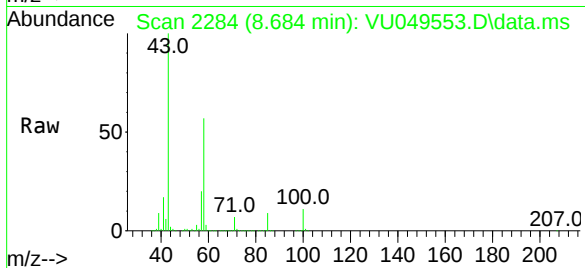
VSTDCCC050

Tgt Ion: 43 Resp: 1004698

Ion Ratio Lower Upper

43 100

58 57.0 30.3 90.8



#60

Dibromochloromethane

Concen: 50.234 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. -0.003 min

Lab File: VU049553.D

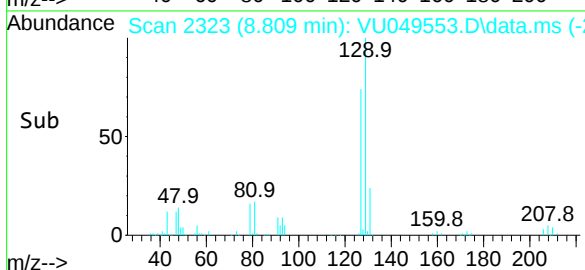
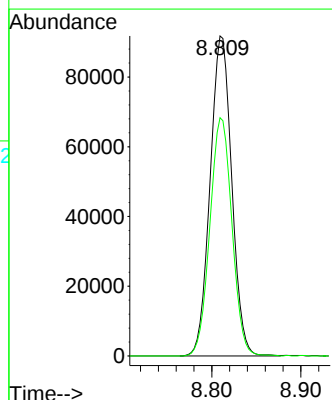
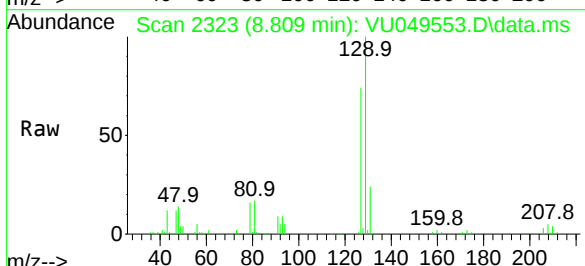
Acq: 30 Jun 2022 10:21

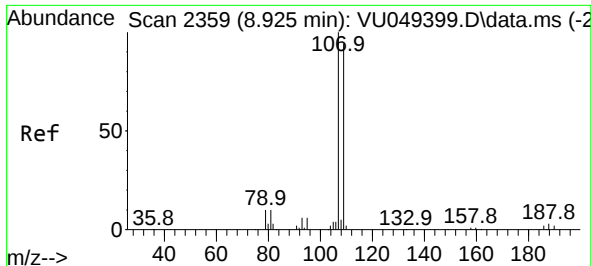
Tgt Ion: 129 Resp: 154474

Ion Ratio Lower Upper

129 100

127 75.9 38.6 116.0

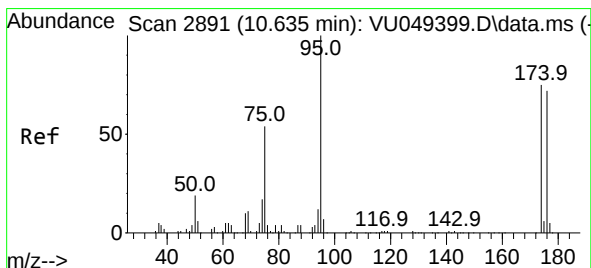
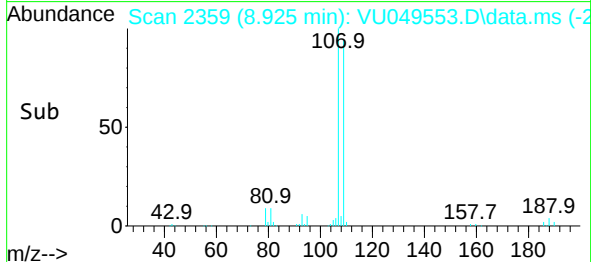
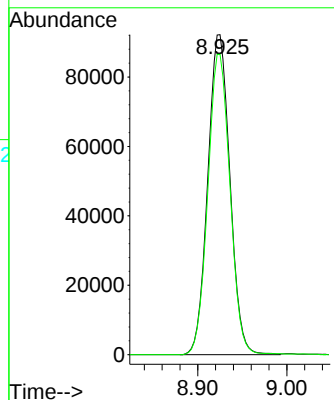
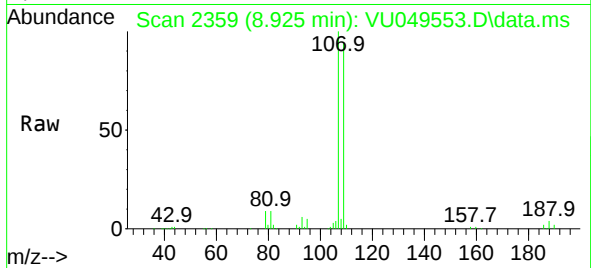




#61
1,2-Dibromoethane
Concen: 49.333 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

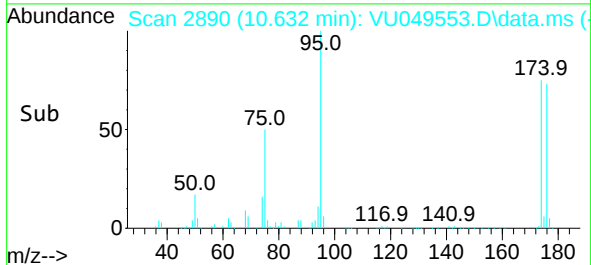
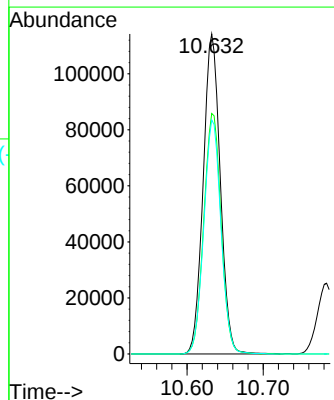
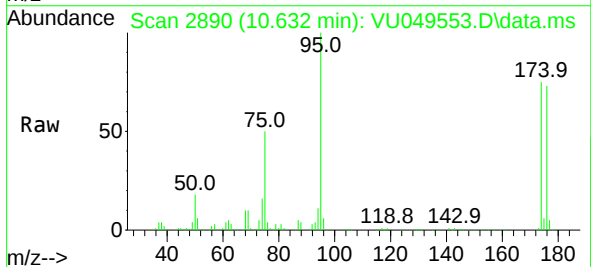
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 158976
Ion Ratio Lower Upper
107 100
109 94.1 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 47.377 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion: 95 Resp: 177931
Ion Ratio Lower Upper
95 100
174 76.3 0.0 182.0
176 73.6 0.0 177.8

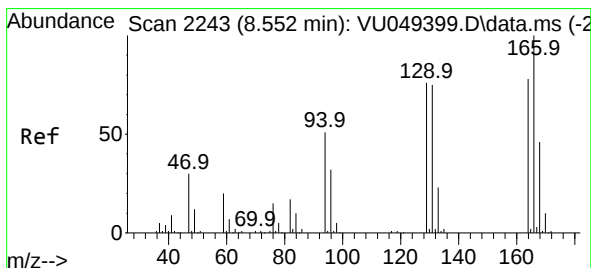
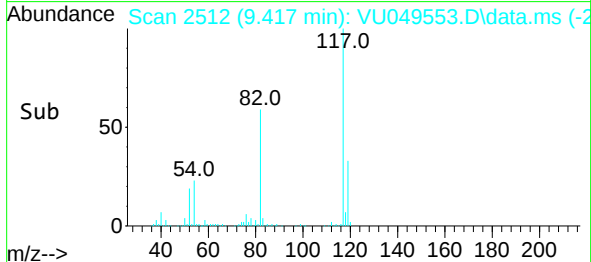
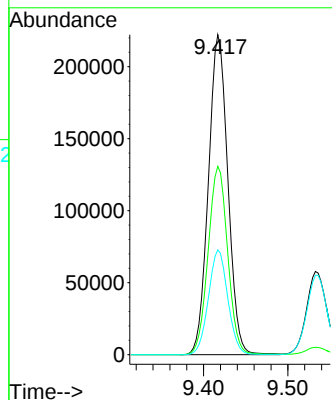
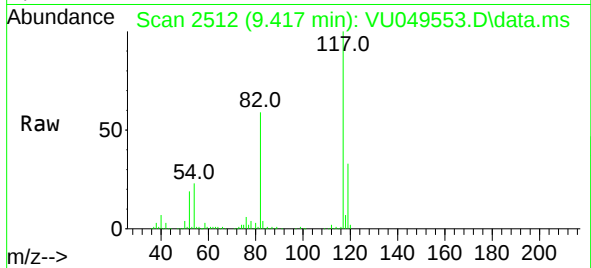




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

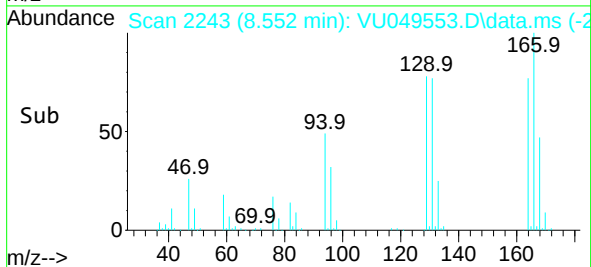
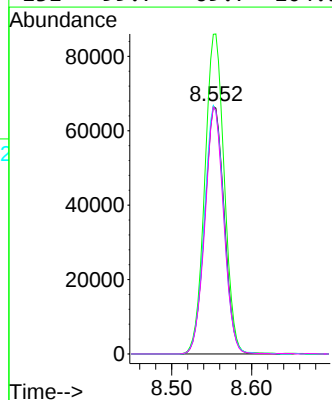
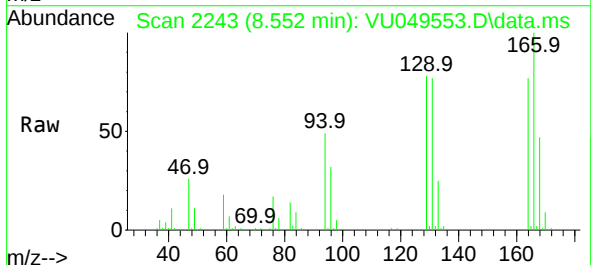
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

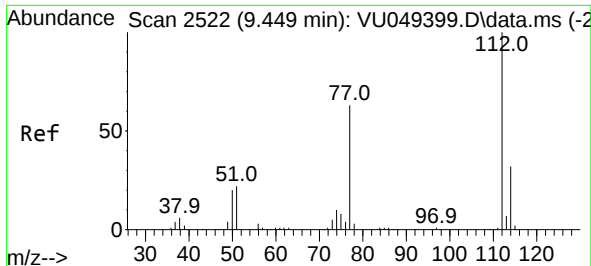
Tgt Ion:117 Resp: 357243
Ion Ratio Lower Upper
117 100
82 58.8 41.7 62.5
119 32.7 25.7 38.5



#64
Tetrachloroethene
Concen: 49.395 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion:164 Resp: 113181
Ion Ratio Lower Upper
164 100
166 129.1 100.0 150.0
129 100.3 72.0 108.0
131 99.7 69.7 104.5

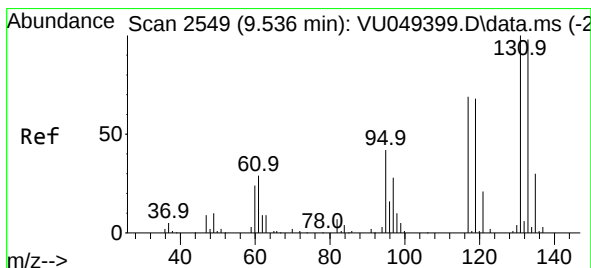
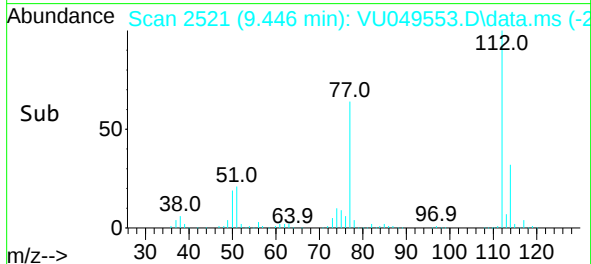
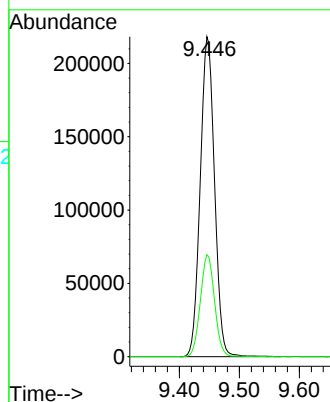
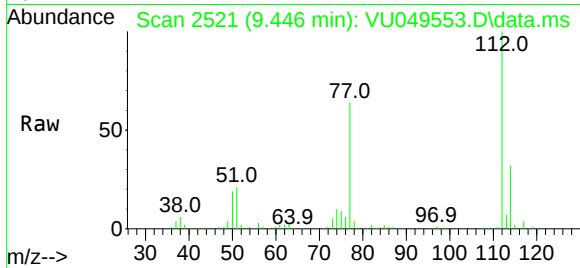




#65
Chlorobenzene
Concen: 49.626 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

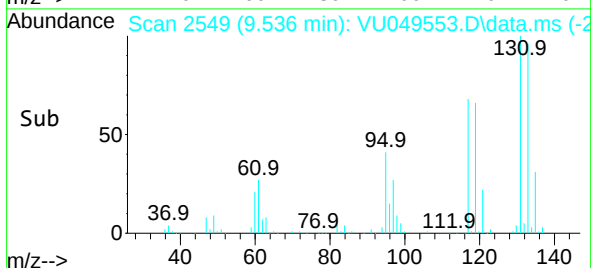
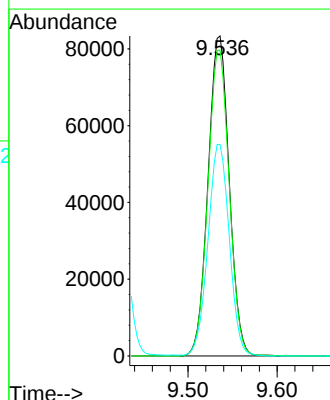
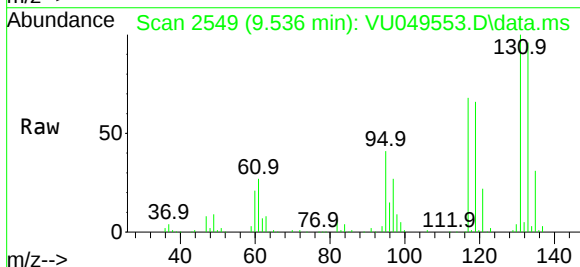
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

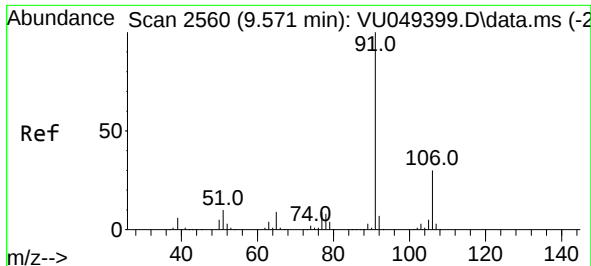
Tgt Ion:112 Resp: 362440
Ion Ratio Lower Upper
112 100
114 31.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.947 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion:131 Resp: 137611
Ion Ratio Lower Upper
131 100
133 96.1 48.4 145.0
119 66.7 33.9 101.6





#67

Ethyl Benzene

Concen: 50.448 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

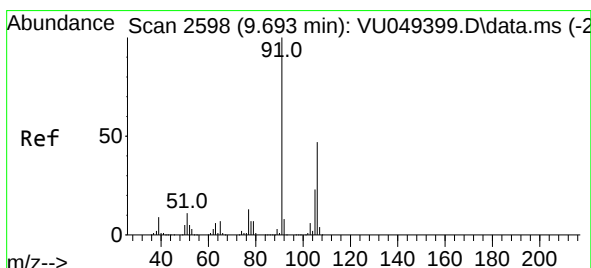
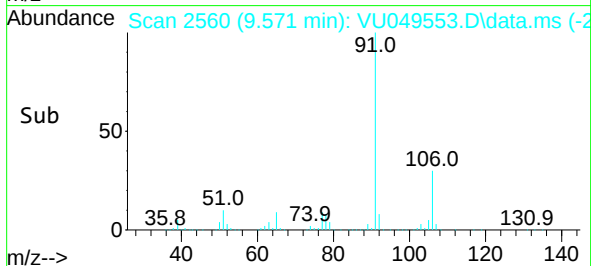
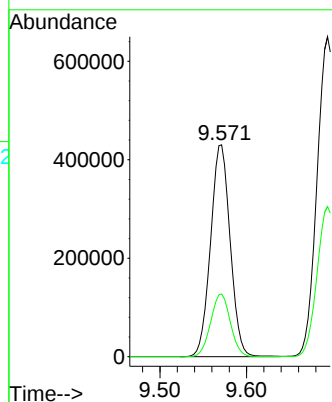
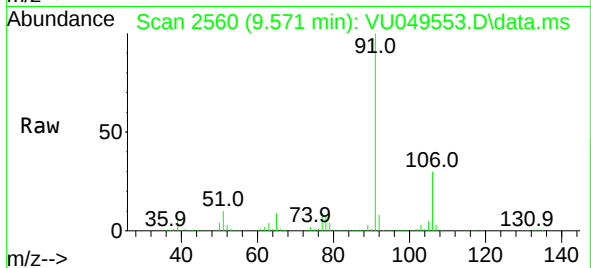
VSTDCCC050

Tgt Ion: 91 Resp: 676395

Ion Ratio Lower Upper

91 100

106 29.6 25.6 38.4



#68

m/p-Xylenes

Concen: 101.523 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU049553.D

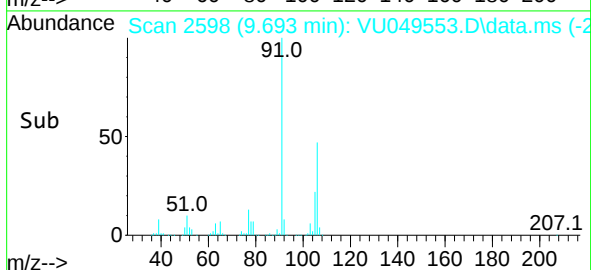
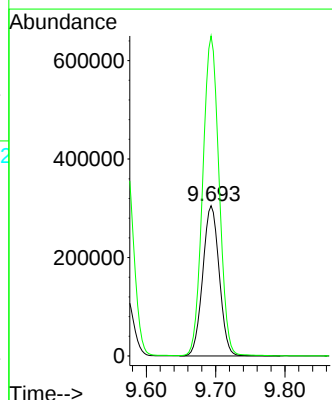
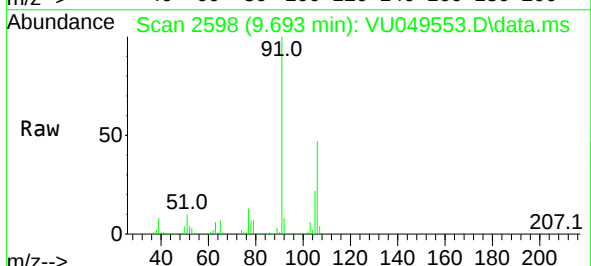
Acq: 30 Jun 2022 10:21

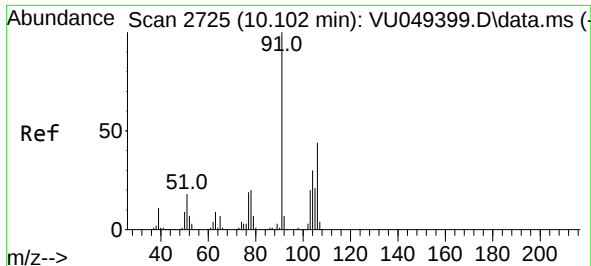
Tgt Ion:106 Resp: 503653

Ion Ratio Lower Upper

106 100

91 211.8 157.2 235.8

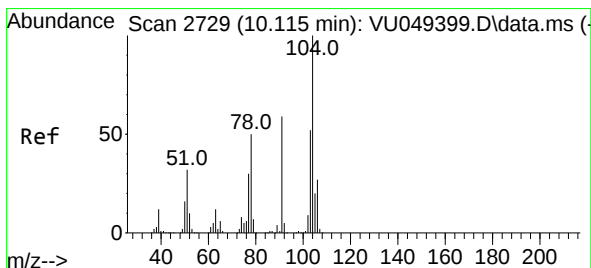
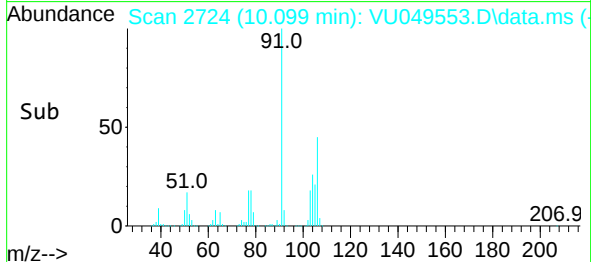
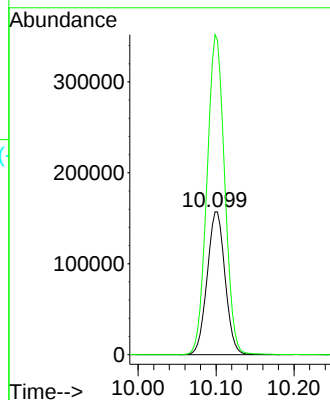
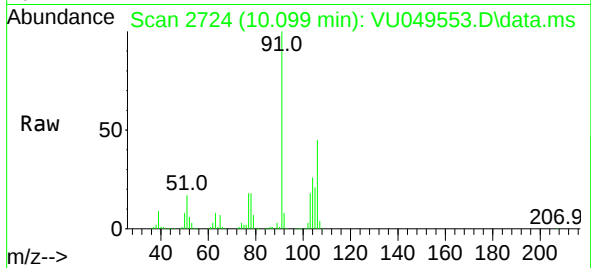




#69
o-Xylene
Concen: 50.967 ug/l
RT: 10.099 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

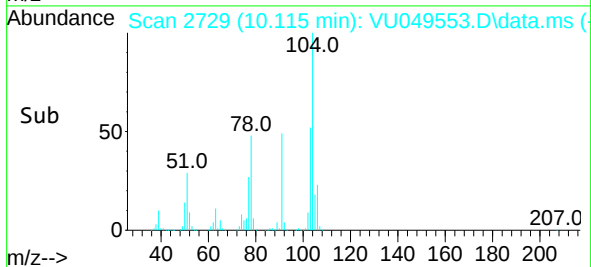
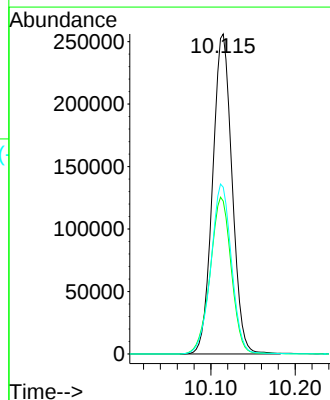
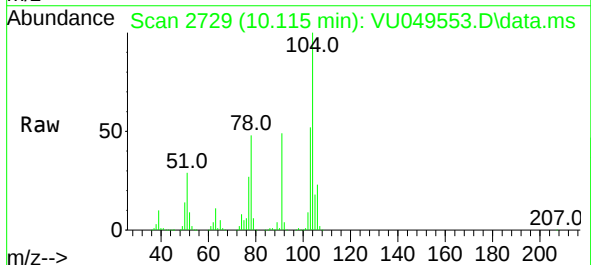
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

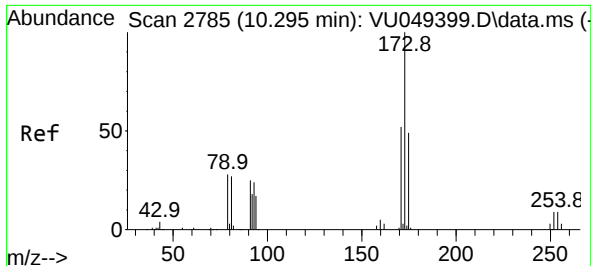
Tgt Ion:106 Resp: 251011
Ion Ratio Lower Upper
106 100
91 221.5 103.5 310.5



#70
Styrene
Concen: 51.908 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion:104 Resp: 410764
Ion Ratio Lower Upper
104 100
78 53.1 38.0 57.0
103 56.4 43.9 65.9

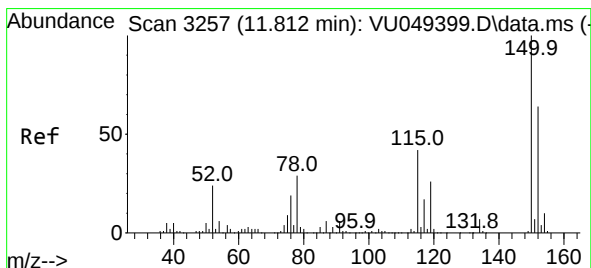
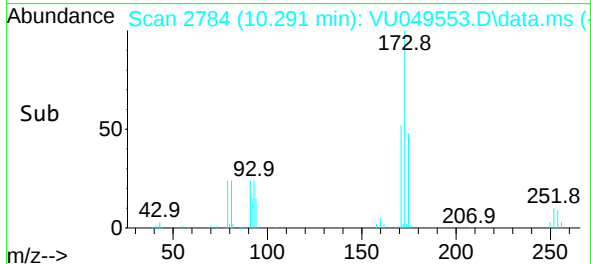
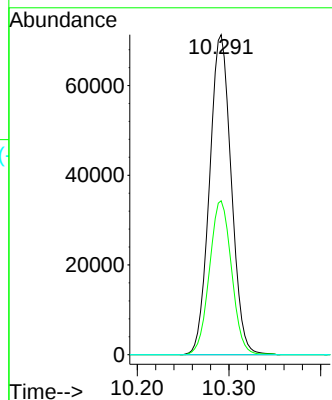
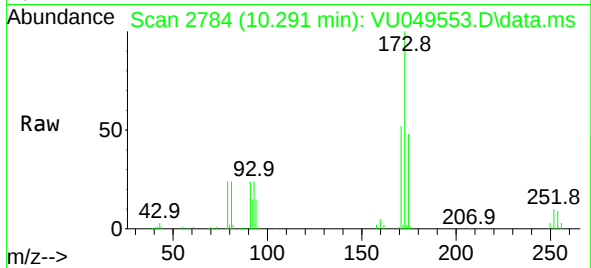




#71
Bromoform
Concen: 49.739 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

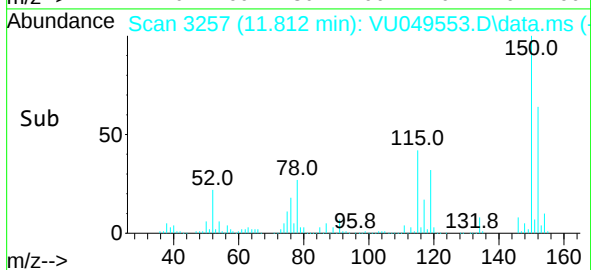
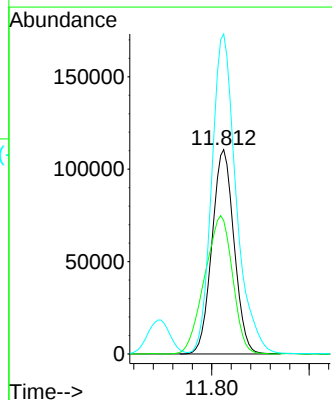
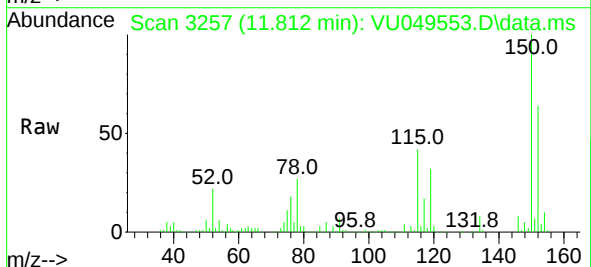
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

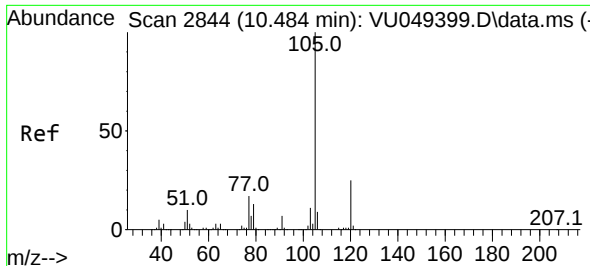
Tgt Ion:173 Resp: 117532
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion:152 Resp: 173710
Ion Ratio Lower Upper
152 100
115 85.5 37.0 110.9
150 173.1 0.0 342.2

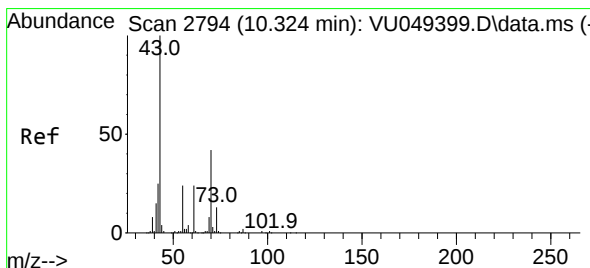
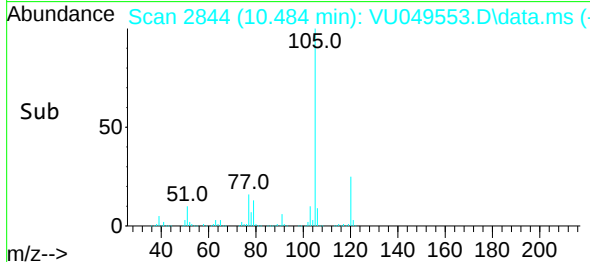
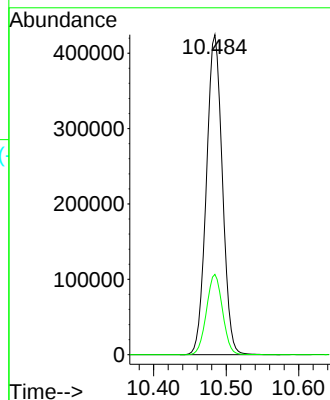
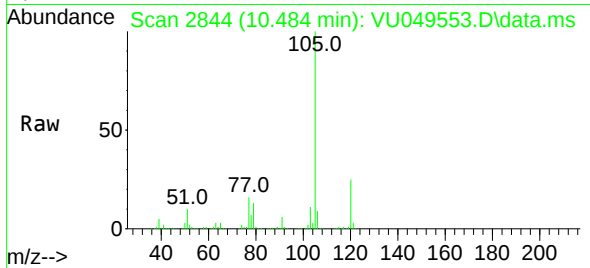




#73
Isopropylbenzene
Concen: 52.464 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

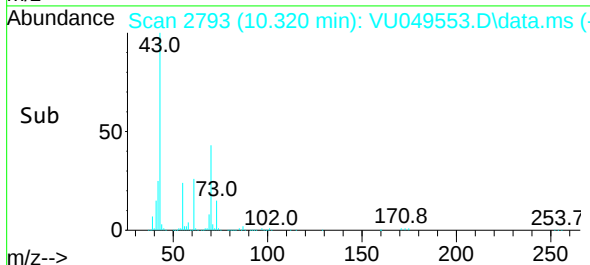
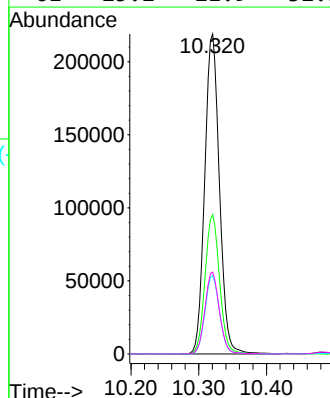
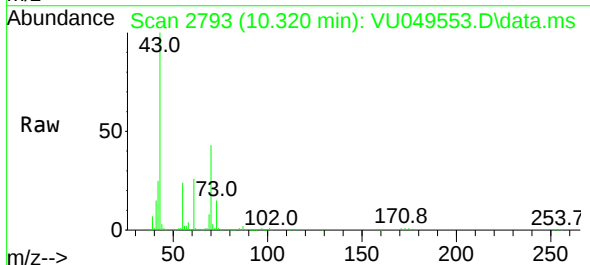
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

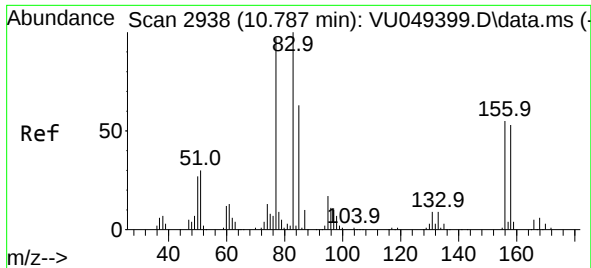
Tgt Ion:105 Resp: 649210
Ion Ratio Lower Upper
105 100
120 25.2 13.8 41.4



#74
N-ethyl acetate
Concen: 50.334 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.003 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion: 43 Resp: 329654
Ion Ratio Lower Upper
43 100
70 43.1 38.7 58.1
55 24.3 21.8 32.8
61 25.2 21.9 32.9

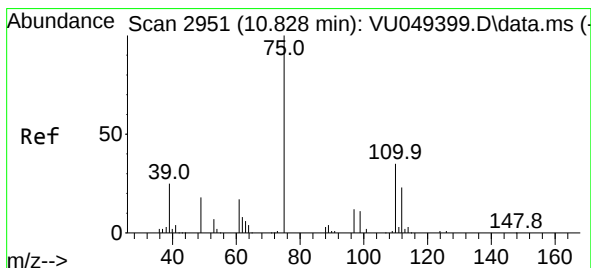
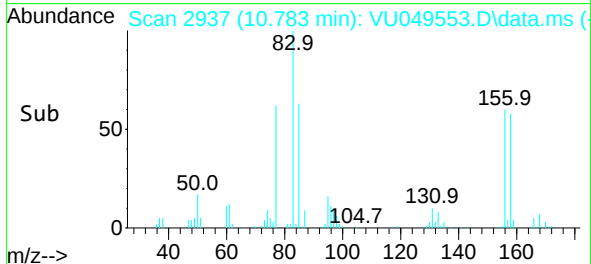
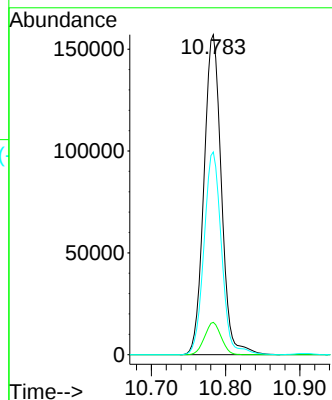
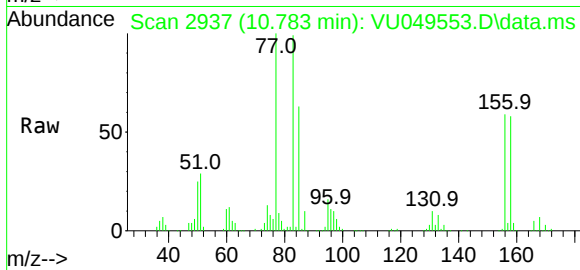




#75
1,1,2,2-Tetrachloroethane
Concen: 48.791 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

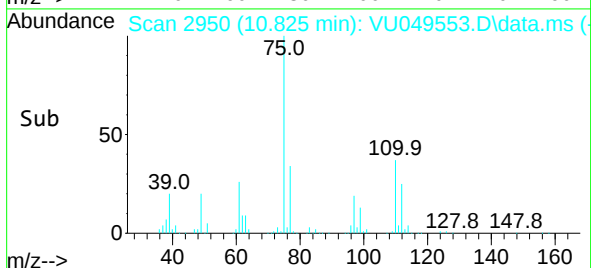
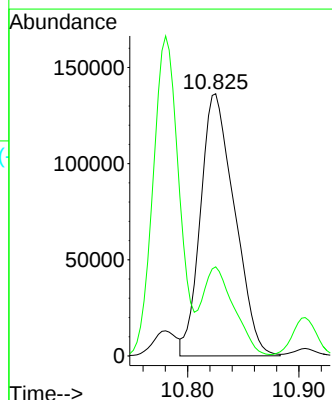
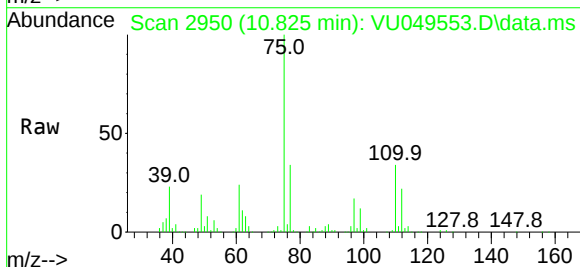
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

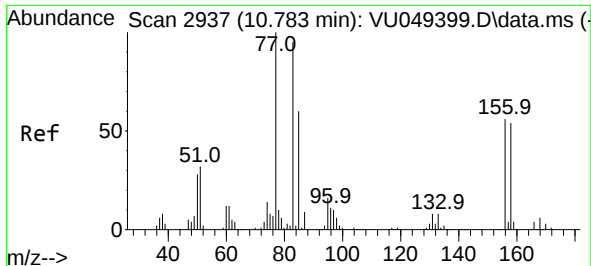
Tgt Ion: 83 Resp: 255752
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.4
85 63.7 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 49.198 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion: 75 Resp: 289708
Ion Ratio Lower Upper
75 100
77 30.1 15.8 47.3

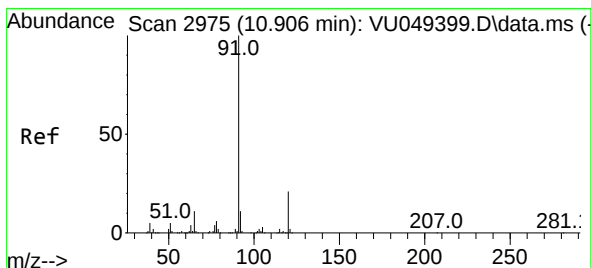
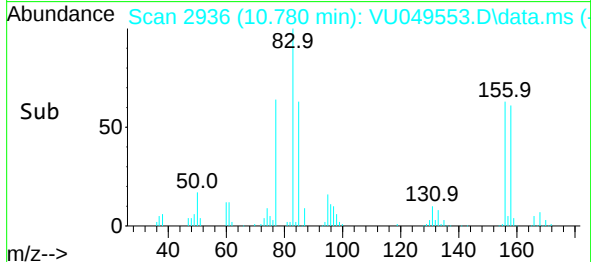
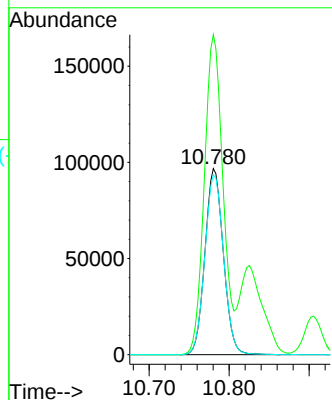
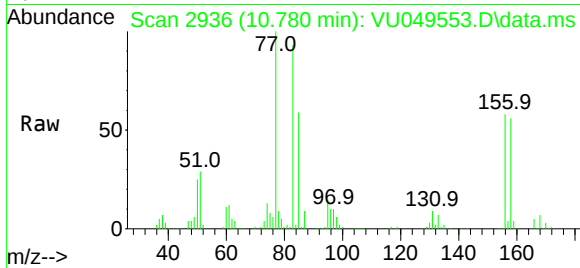




#77
Bromobenzene
Concen: 51.291 ug/l
RT: 10.780 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

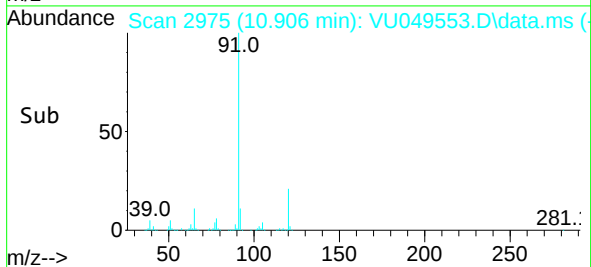
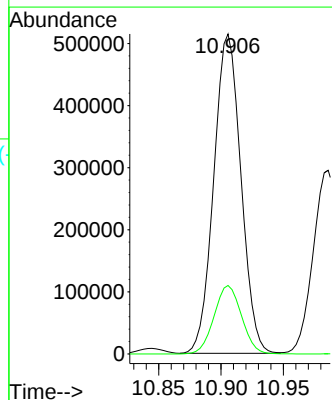
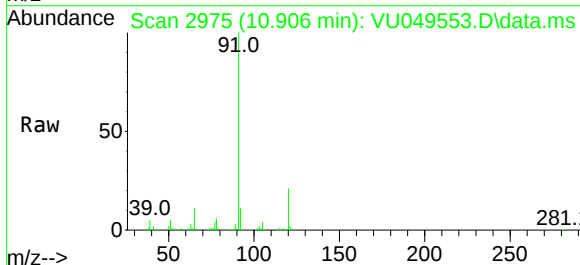
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

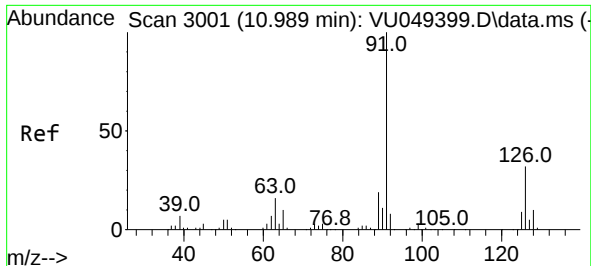
Tgt Ion:156 Resp: 154925
Ion Ratio Lower Upper
156 100
77 173.2 71.9 215.6
158 98.8 48.9 146.8



#78
n-propylbenzene
Concen: 51.847 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion: 91 Resp: 779592
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.5

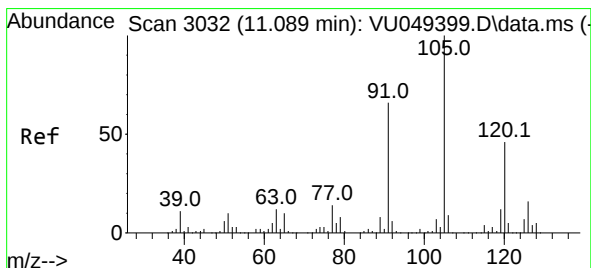
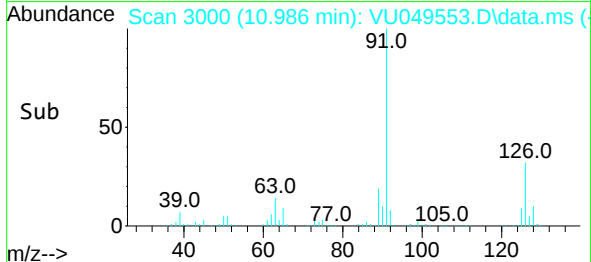
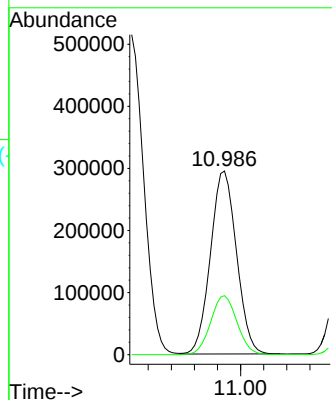
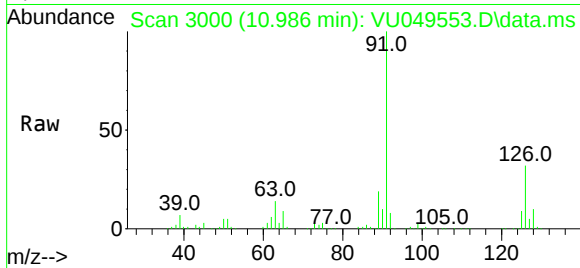




#79
2-Chlorotoluene
Concen: 49.854 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.003 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

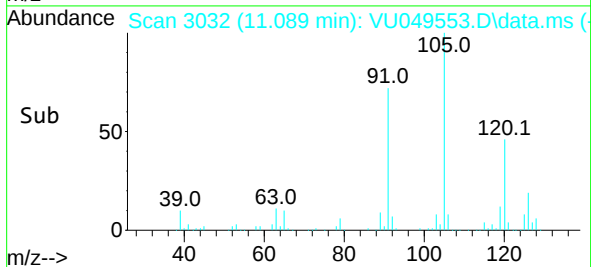
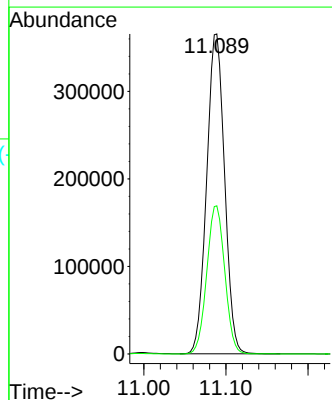
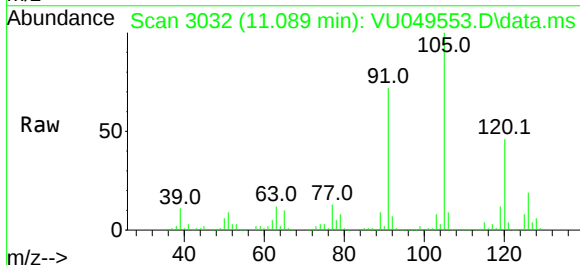
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

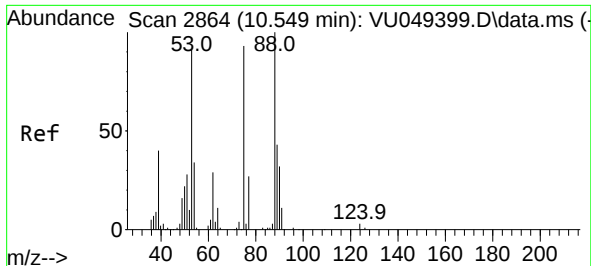
Tgt Ion: 91 Resp: 461845
Ion Ratio Lower Upper
91 100
126 32.7 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 51.295 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion: 105 Resp: 554144
Ion Ratio Lower Upper
105 100
120 46.5 25.3 75.9

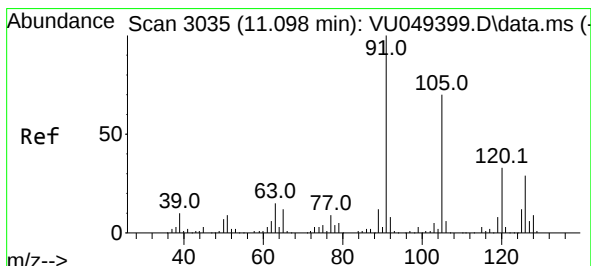
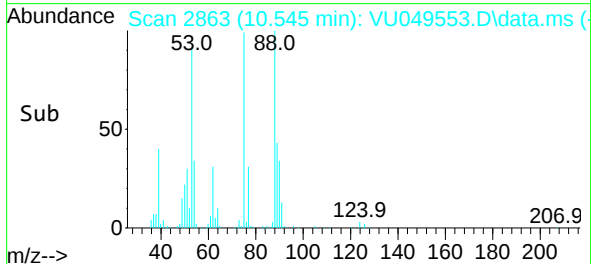
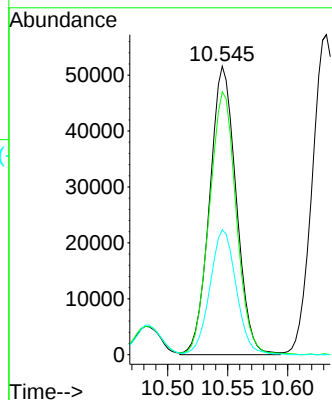
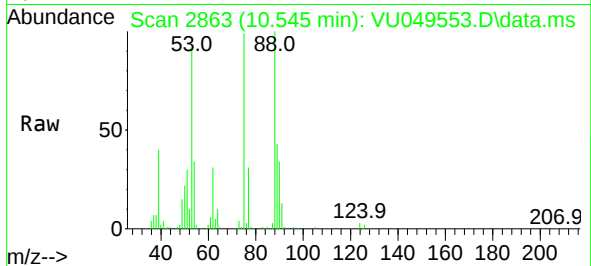




#81
trans-1,4-Dichloro-2-butene
Concen: 49.844 ug/l
RT: 10.545 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

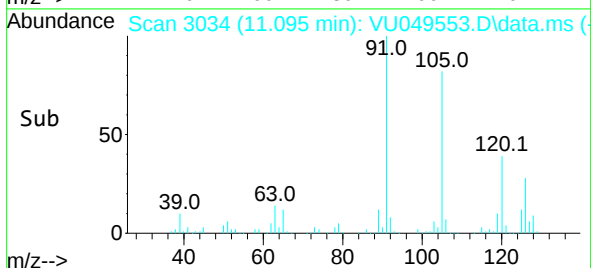
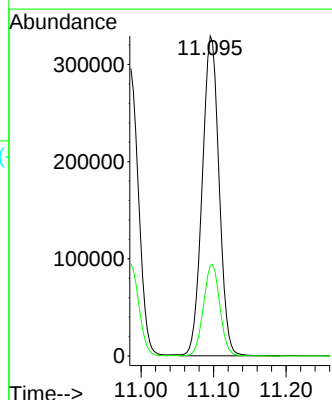
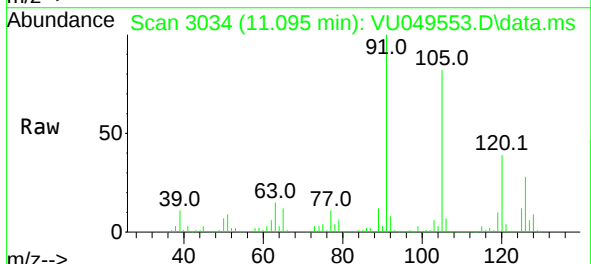
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

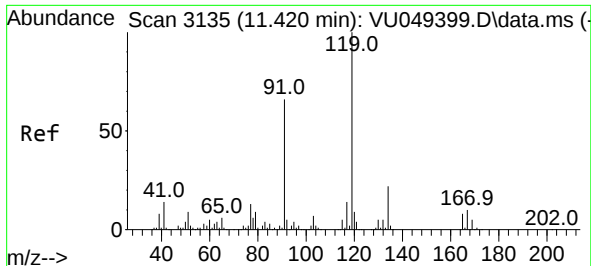
Tgt Ion: 75 Resp: 79481
Ion Ratio Lower Upper
75 100
53 92.1 69.2 103.8
89 42.9 37.0 55.6



#82
4-Chlorotoluene
Concen: 50.981 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.003 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion: 91 Resp: 531171
Ion Ratio Lower Upper
91 100
126 27.9 16.1 48.2

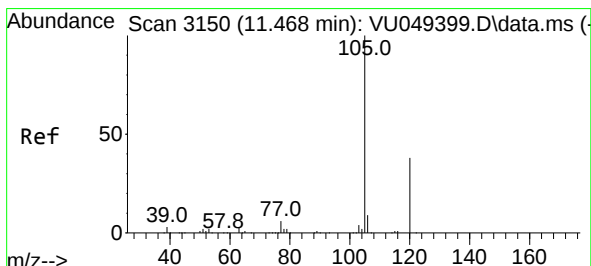
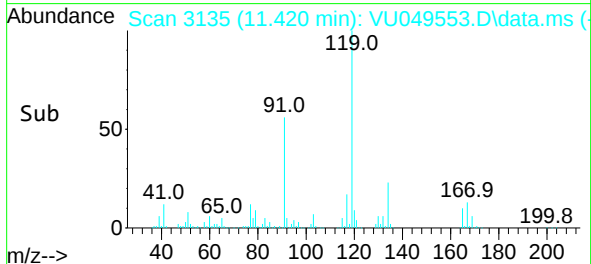
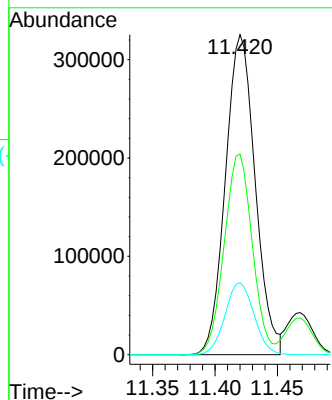
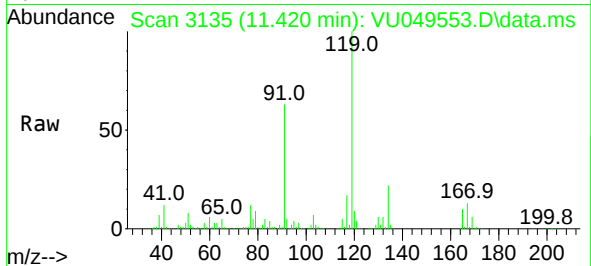




#83
tert-Butylbenzene
Concen: 50.981 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

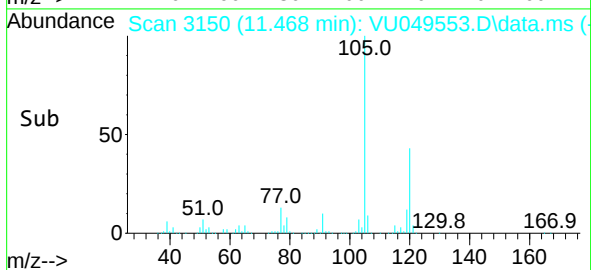
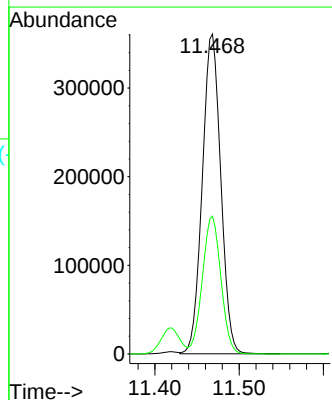
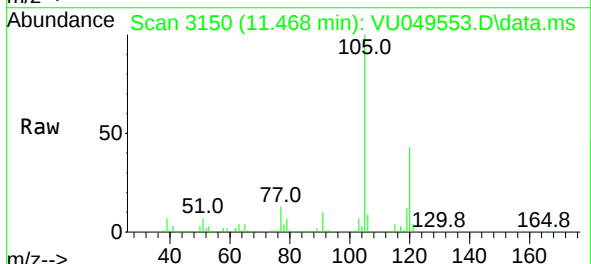
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

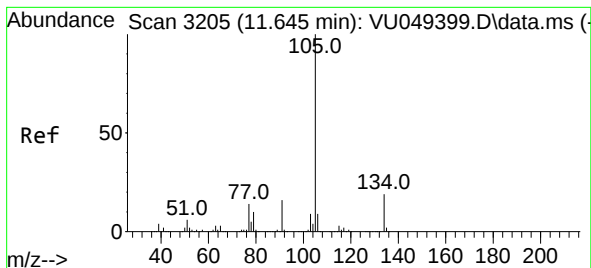
Tgt Ion:119 Resp: 541710
Ion Ratio Lower Upper
119 100
91 59.4 26.8 80.3
134 21.9 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 51.875 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion:105 Resp: 550547
Ion Ratio Lower Upper
105 100
120 43.1 23.4 70.3





#85

sec-Butylbenzene

Concen: 50.320 ug/l

RT: 11.642 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

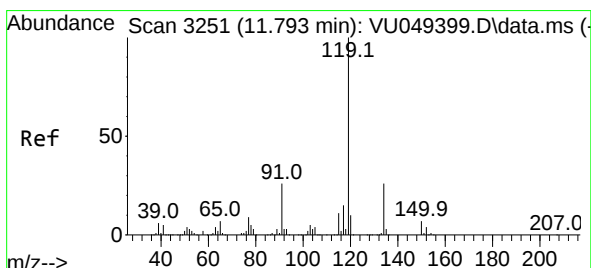
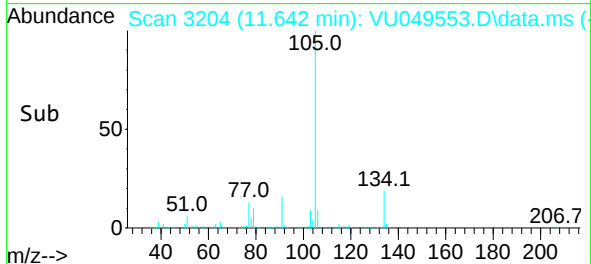
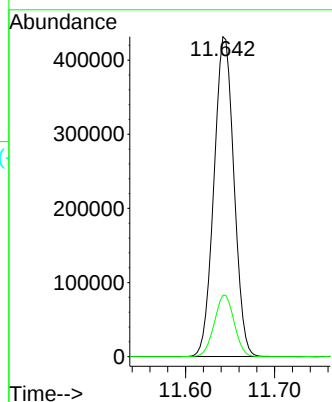
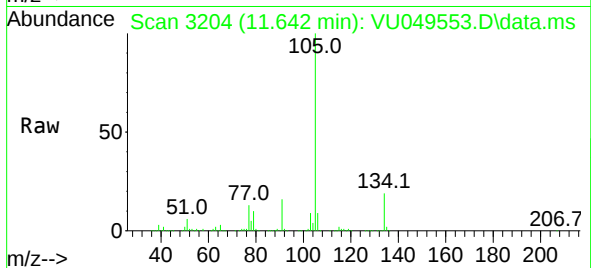
VSTDCCC050

Tgt Ion:105 Resp: 672238

Ion Ratio Lower Upper

105 100

134 19.2 10.4 31.1



#86

p-Isopropyltoluene

Concen: 51.579 ug/l

RT: 11.793 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

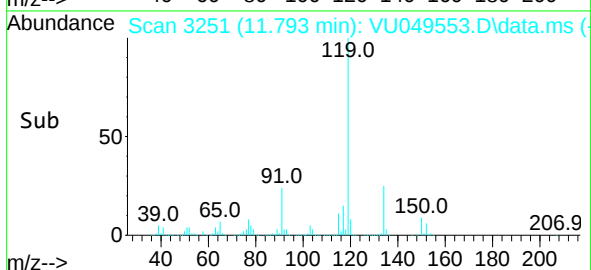
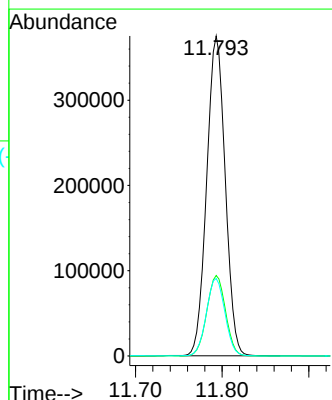
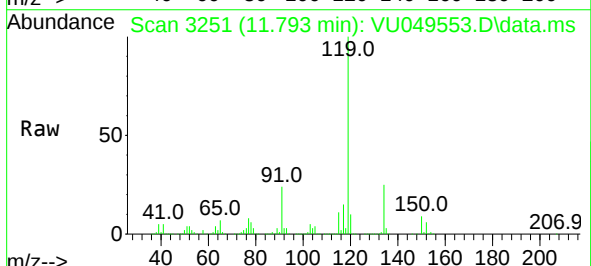
Tgt Ion:119 Resp: 557241

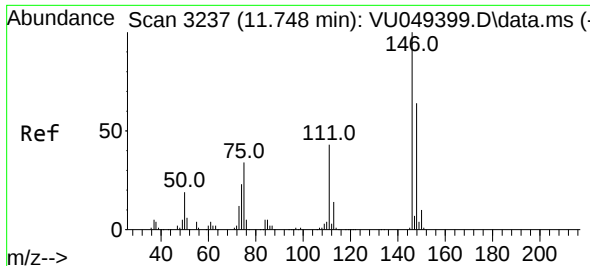
Ion Ratio Lower Upper

119 100

134 25.4 13.5 40.4

91 24.4 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 48.838 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

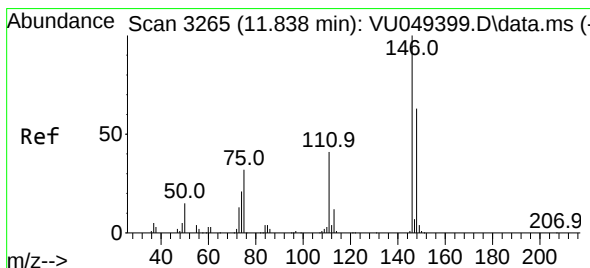
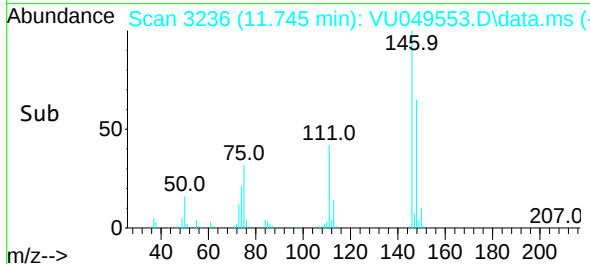
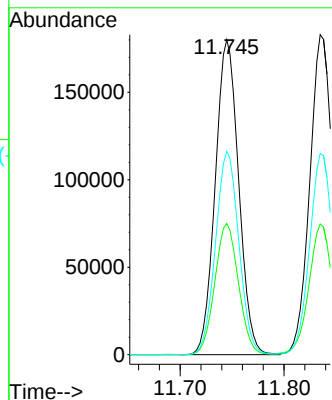
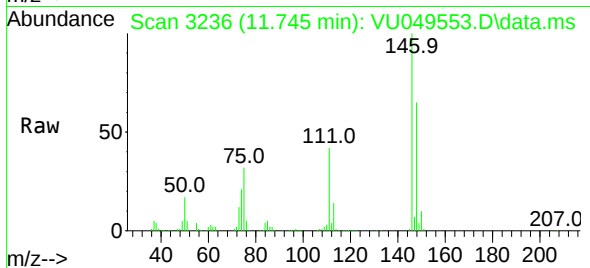
Tgt Ion:146 Resp: 282020

Ion Ratio Lower Upper

146 100

111 41.8 18.9 56.5

148 64.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 49.027 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.003 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

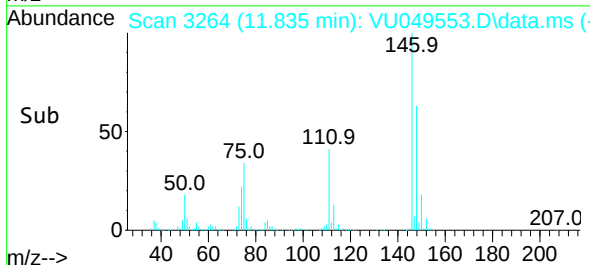
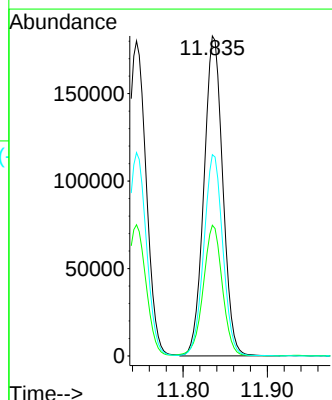
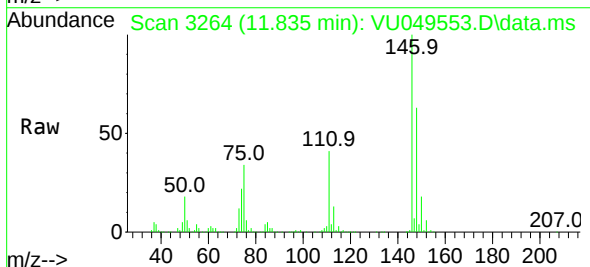
Tgt Ion:146 Resp: 284560

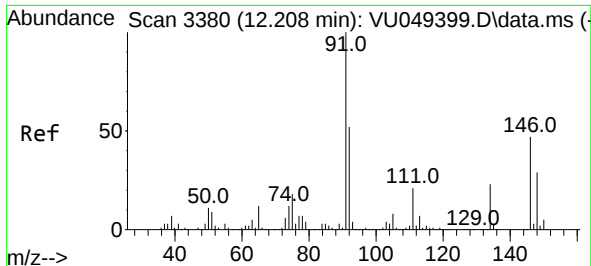
Ion Ratio Lower Upper

146 100

111 41.2 18.5 55.5

148 63.7 31.9 95.7

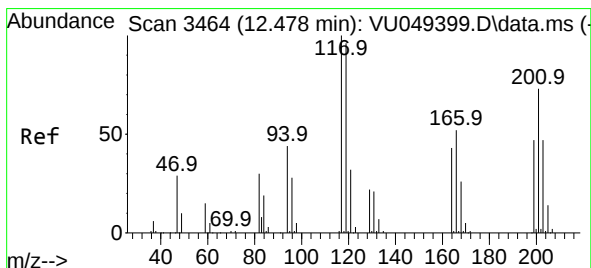
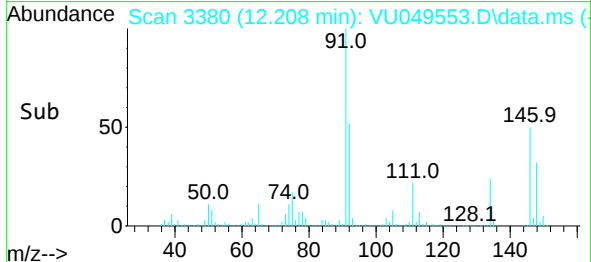
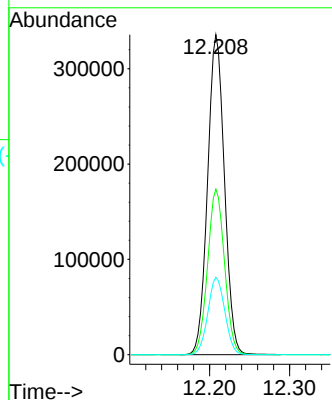
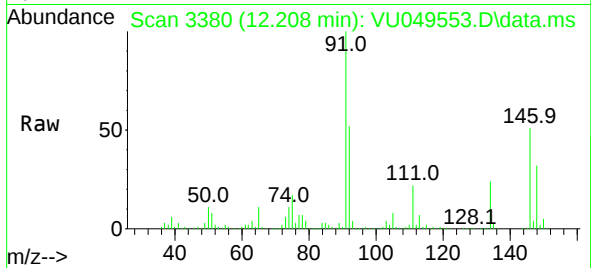




#89
n-Butylbenzene
Concen: 49.280 ug/l
RT: 12.208 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

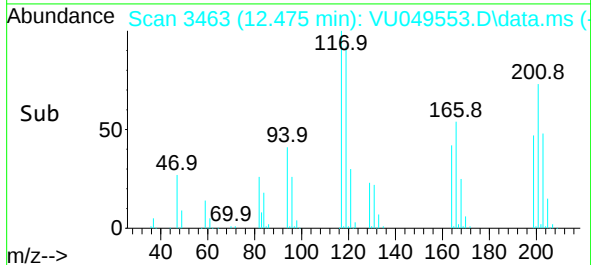
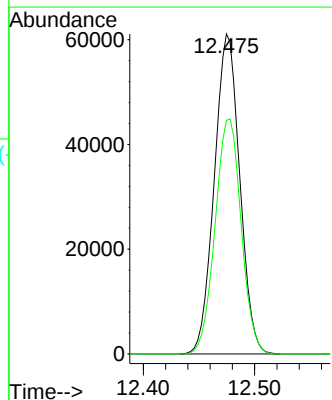
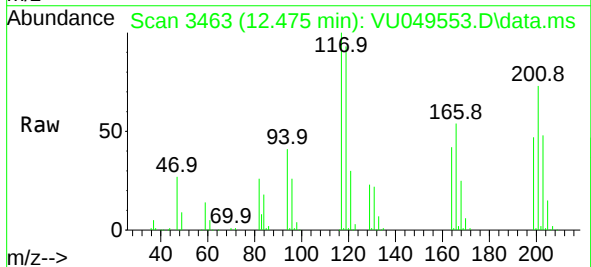
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

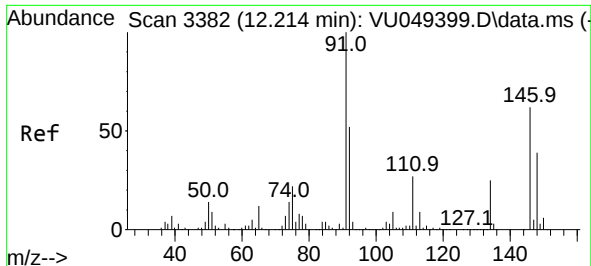
Tgt Ion: 91 Resp: 492841
Ion Ratio Lower Upper
91 100
92 52.0 26.2 78.6
134 24.3 13.5 40.4



#90
Hexachloroethane
Concen: 45.037 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.003 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion: 117 Resp: 96913
Ion Ratio Lower Upper
117 100
201 75.2 44.6 134.0

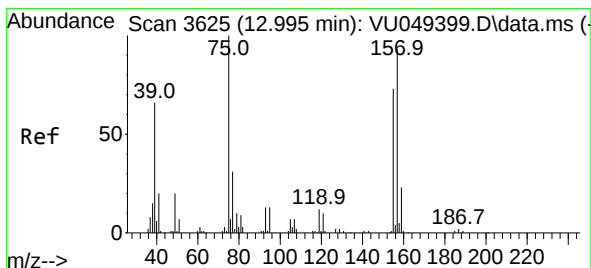
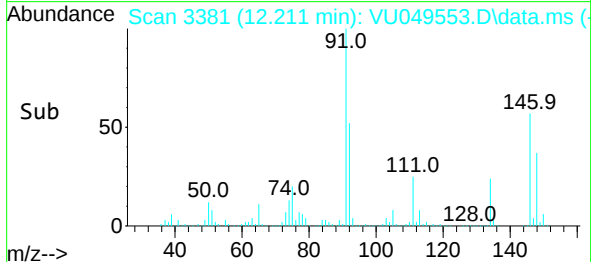
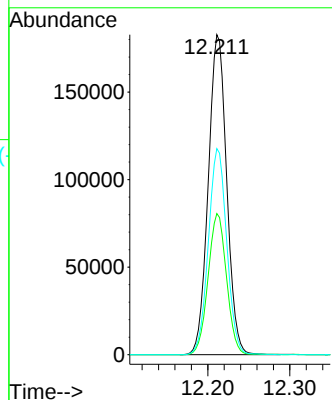
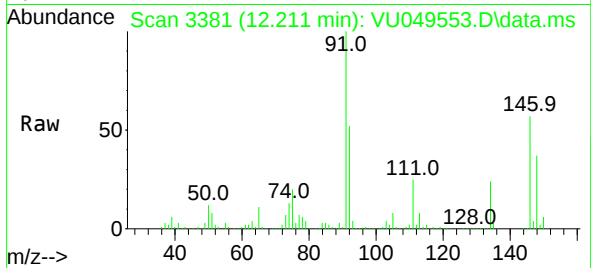




#91
1,2-Dichlorobenzene
Concen: 49.280 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

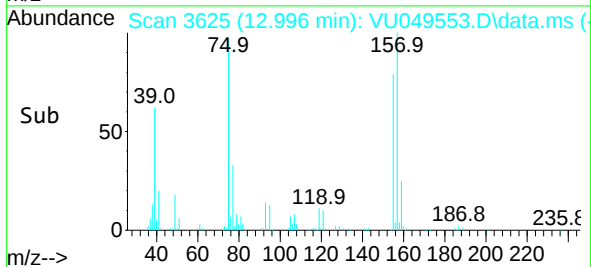
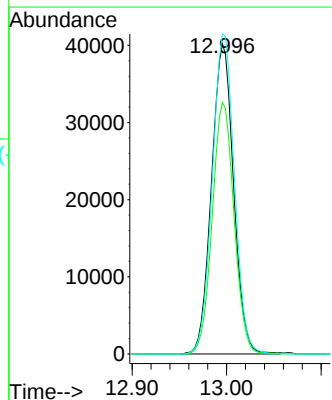
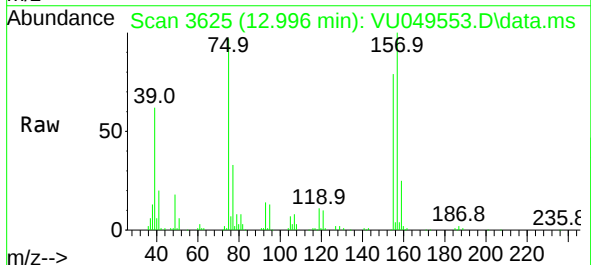
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

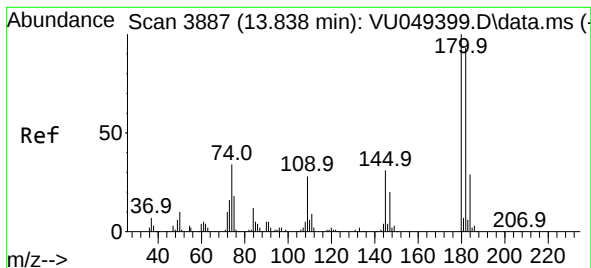
Tgt Ion:146 Resp: 285936
Ion Ratio Lower Upper
146 100
111 44.1 19.9 59.6
148 64.4 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.576 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU049553.D
Acq: 30 Jun 2022 10:21

Tgt Ion: 75 Resp: 65291
Ion Ratio Lower Upper
75 100
155 80.0 47.8 143.4
157 102.9 62.2 186.5





#93

1,2,4-Trichlorobenzene

Concen: 48.242 ug/l

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

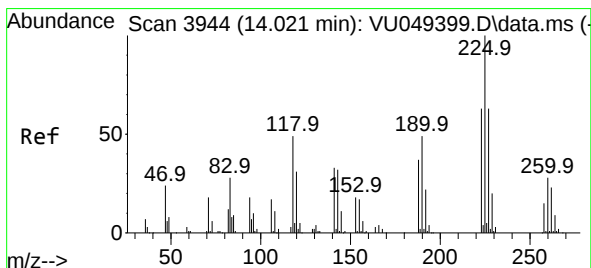
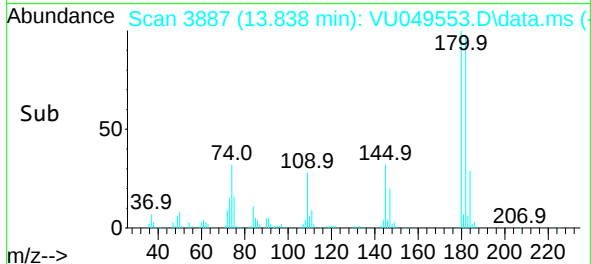
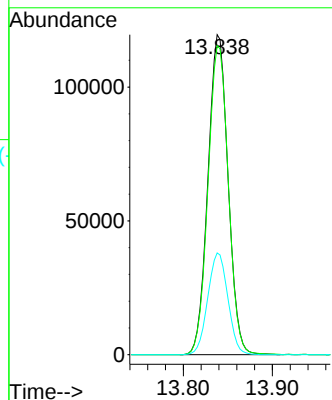
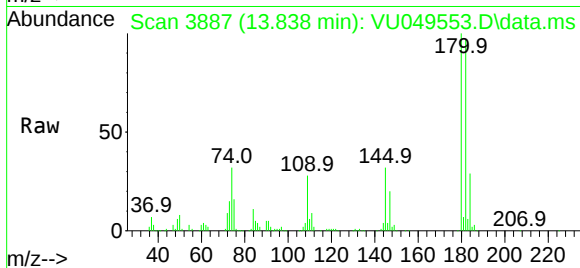
Tgt Ion:180 Resp: 187599

Ion Ratio Lower Upper

180 100

182 97.4 47.9 143.6

145 31.7 14.0 41.9



#94

Hexachlorobutadiene

Concen: 45.779 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.000 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

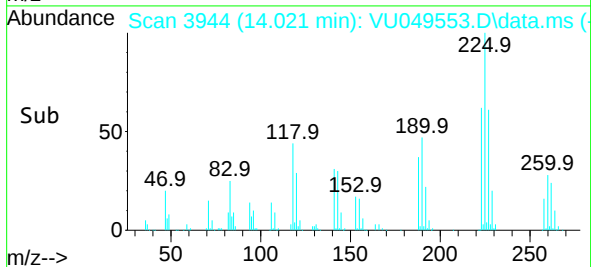
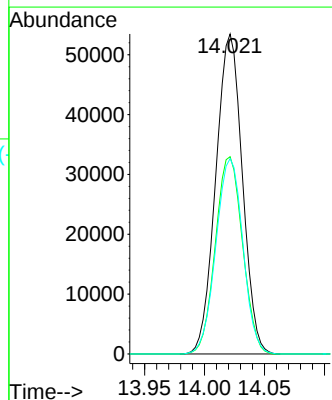
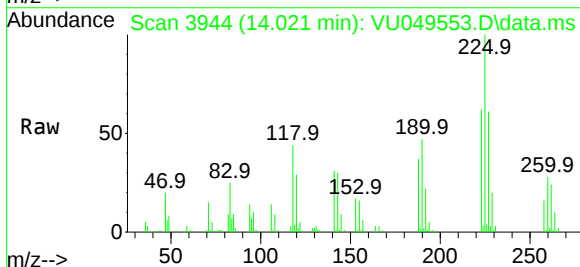
Tgt Ion:225 Resp: 82397

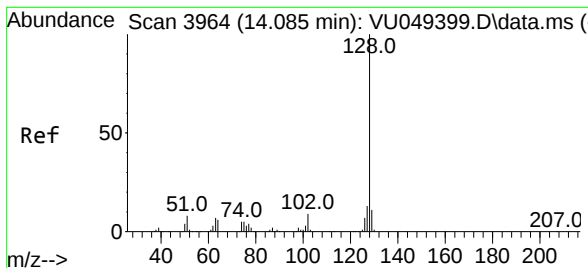
Ion Ratio Lower Upper

225 100

223 62.9 31.3 93.9

227 61.9 32.0 96.2





#95

Naphthalene

Concen: 51.632 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

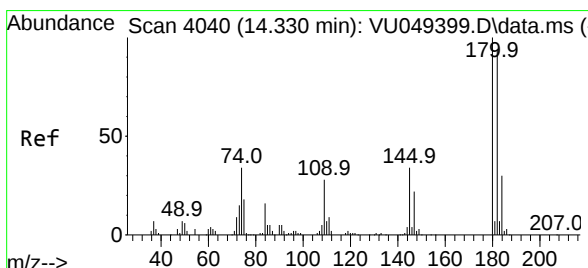
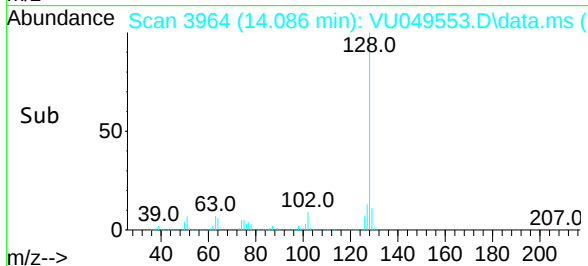
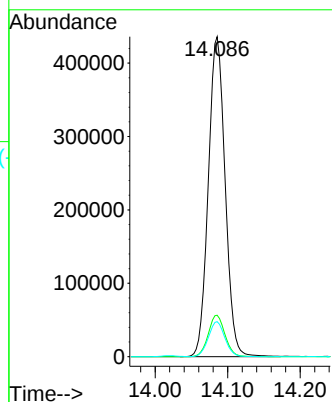
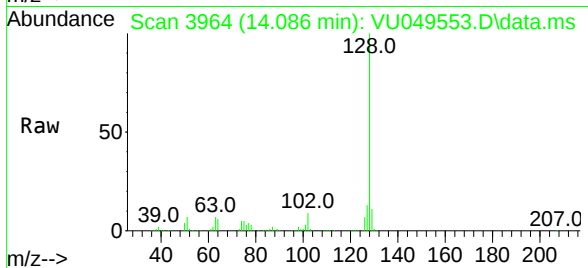
Tgt Ion:128 Resp: 702989

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.860 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU049553.D

Acq: 30 Jun 2022 10:21

Tgt Ion:180 Resp: 195484

Ion Ratio Lower Upper

180 100

182 95.4 48.4 145.0

145 32.9 14.8 44.4

