

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049499.D
 Acq On : 29 Jun 2022 07:39
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 29 08:04:01 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	254768	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	445907	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	404728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	196003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	185326	47.234	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.460%		
35) Dibromofluoromethane	5.288	113	152771	48.970	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.940%		
50) Toluene-d8	7.896	98	542088	48.718	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.440%		
62) 4-Bromofluorobenzene	10.632	95	208698	48.962	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.920%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	183048	44.712	ug/l	100
3) Chloromethane	1.520	50	219501	43.746	ug/l	98
4) Vinyl Chloride	1.604	62	193750	47.008	ug/l	99
5) Bromomethane	1.854	94	70718	55.178	ug/l	98
6) Chloroethane	1.925	64	85779	45.301	ug/l	97
7) Trichlorofluoromethane	2.134	101	238509	45.405	ug/l	99
8) Diethyl Ether	2.375	74	96589	50.904	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.578	101	140419	49.684	ug/l	95
10) Methyl Iodide	2.719	142	186169	64.470	ug/l	95
11) Tert butyl alcohol	3.202	59	280822	305.788	ug/l	# 46
12) 1,1-Dichloroethene	2.578	96	141726	51.218	ug/l	93
13) Acrolein	2.488	56	91314	146.826	ug/l	99
14) Allyl chloride	2.922	41	264758	47.343	ug/l	# 86
15) Acrylonitrile	3.314	53	584387	264.584	ug/l	99
16) Acetone	2.633	43	491528	248.417	ug/l	99
17) Carbon Disulfide	2.790	76	390254	45.223	ug/l	100
18) Methyl Acetate	2.948	43	262982	49.098	ug/l	93
19) Methyl tert-butyl Ether	3.362	73	524390	50.953	ug/l	98
20) Methylene Chloride	3.044	84	170068	51.658	ug/l	90
21) trans-1,2-Dichloroethene	3.350	96	150484	50.448	ug/l	92
22) Diisopropyl ether	3.989	45	541384	50.704	ug/l	# 78
23) Vinyl Acetate	3.954	43	2368728	253.106	ug/l	95
24) 1,1-Dichloroethane	3.867	63	302467	49.316	ug/l	98
25) 2-Butanone	4.703	43	782208	263.789	ug/l	95
26) 2,2-Dichloropropane	4.665	77	137532	26.943	ug/l	96
27) cis-1,2-Dichloroethene	4.665	96	178869	51.899	ug/l	96
28) Bromochloromethane	4.973	49	134666	50.232	ug/l	# 77
29) Tetrahydrofuran	5.051	42	520724	255.983	ug/l	89
30) Chloroform	5.089	83	295882	48.769	ug/l	99
31) Cyclohexane	5.388	56	276026	46.853	ug/l	89
32) 1,1,1-Trichloroethane	5.314	97	253454	48.148	ug/l	100
36) 1,1-Dichloropropene	5.526	75	212117	46.892	ug/l	98
37) Ethyl Acetate	4.803	43	295106	47.742	ug/l	# 95
38) Carbon Tetrachloride	5.523	117	219103	46.186	ug/l	98
39) Methylcyclohexane	6.761	83	253893	46.826	ug/l	93
40) Benzene	5.774	78	662725	48.526	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	154508	49.885	ug/l #	89
42) 1,2-Dichloroethane	5.793	62	229811	45.212	ug/l	100
43) Isopropyl Acetate	5.909	43	434848	48.011	ug/l	98
44) Trichloroethene	6.542	130	157675	48.566	ug/l	88
45) 1,2-Dichloropropane	6.790	63	177612	46.935	ug/l	99
46) Dibromomethane	6.919	93	121523	48.166	ug/l	91
47) Bromodichloromethane	7.105	83	225573	46.452	ug/l	99
48) Methyl methacrylate	6.957	41	207053	48.781	ug/l	89
49) 1,4-Dioxane	6.999	88	117907	1084.266	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1469931	242.501	ug/l	97
52) Toluene	7.967	92	395930	48.777	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	232665	44.666	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	255270	45.897	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	167181	49.814	ug/l	98
56) Ethyl methacrylate	8.333	69	285859	50.926	ug/l	92
57) 1,3-Dichloropropane	8.574	76	287815	48.344	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	152921	344.107	ug/l	95
59) 2-Hexanone	8.684	43	1157057	242.736	ug/l	96
60) Dibromochloromethane	8.809	129	170704	48.912	ug/l	99
61) 1,2-Dibromoethane	8.922	107	177668	48.578	ug/l	99
64) Tetrachloroethene	8.552	164	126898	48.884	ug/l	94
65) Chlorobenzene	9.446	112	407287	49.224	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.533	131	155507	49.821	ug/l	99
67) Ethyl Benzene	9.568	91	755017	49.705	ug/l	97
68) m/p-Xylenes	9.693	106	562072	100.006	ug/l	90
69) o-Xylene	10.099	106	280561	50.283	ug/l	88
70) Styrene	10.111	104	465551	51.929	ug/l	96
71) Bromoform	10.291	173	134914	50.397	ug/l #	100
73) Isopropylbenzene	10.481	105	733665	52.545	ug/l	96
74) N-amyl acetate	10.320	43	375742	50.846	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.783	83	299030	50.559	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	319294	48.055	ug/l	99
77) Bromobenzene	10.780	156	174946	51.332	ug/l	86
78) n-propylbenzene	10.906	91	854761	50.381	ug/l	96
79) 2-Chlorotoluene	10.986	91	516076	49.372	ug/l	92
80) 1,3,5-Trimethylbenzene	11.086	105	622290	51.051	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.545	75	73094	40.625	ug/l	94
82) 4-Chlorotoluene	11.095	91	583357	49.621	ug/l	93
83) tert-Butylbenzene	11.420	119	617279	51.486	ug/l	93
84) 1,2,4-Trimethylbenzene	11.465	105	617600	51.574	ug/l	94
85) sec-Butylbenzene	11.642	105	754566	50.058	ug/l	97
86) p-Isopropyltoluene	11.793	119	608279	49.899	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	315051	48.352	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	316983	48.402	ug/l	97
89) n-Butylbenzene	12.208	91	520513	46.127	ug/l	98
90) Hexachloroethane	12.475	117	110742	45.610	ug/l	85
91) 1,2-Dichlorobenzene	12.211	146	325576	49.730	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	73901	48.729	ug/l	84
93) 1,2,4-Trichlorobenzene	13.838	180	201994	46.116	ug/l	97
94) Hexachlorobutadiene	14.018	225	86446	42.566	ug/l	99
95) Naphthalene	14.082	128	743251	48.490	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	206798	45.883	ug/l	97

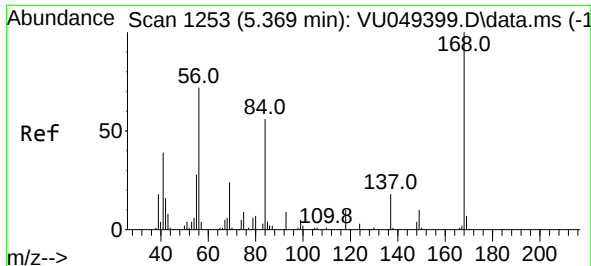
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
Data File : VU049499.D
Acq On : 29 Jun 2022 07:39
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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

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

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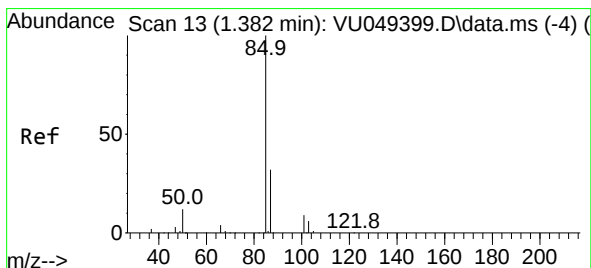
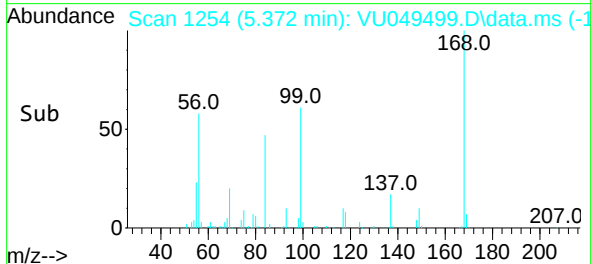
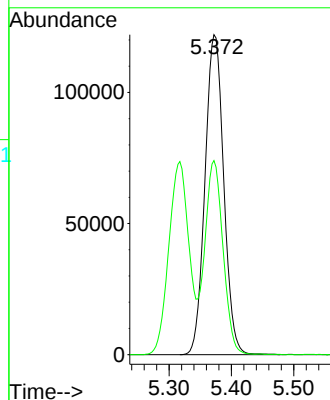
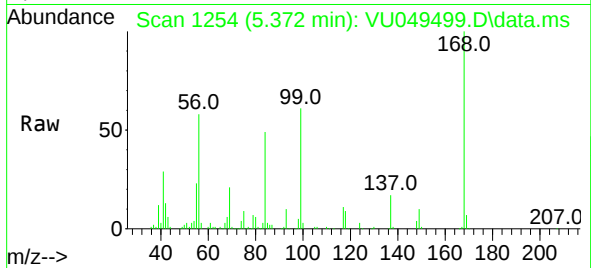
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

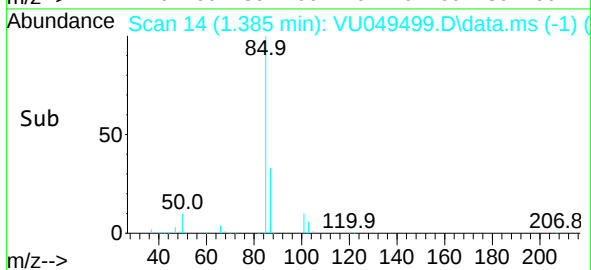
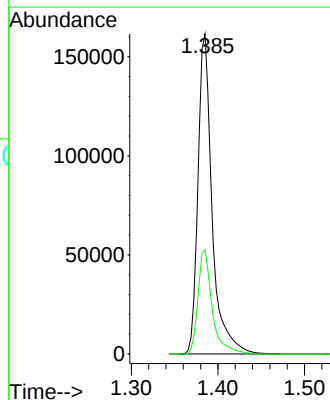
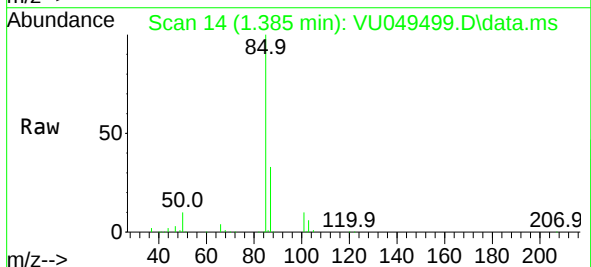
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ClientSampleId :
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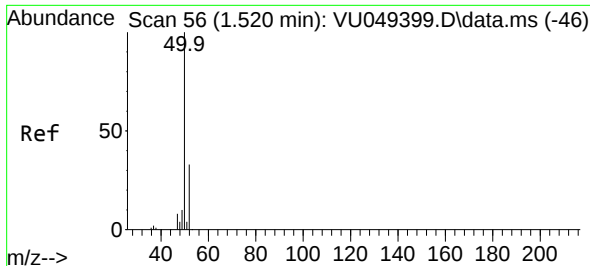
Tgt Ion:168 Resp: 254768
Ion Ratio Lower Upper
168 100
99 60.6 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 44.712 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

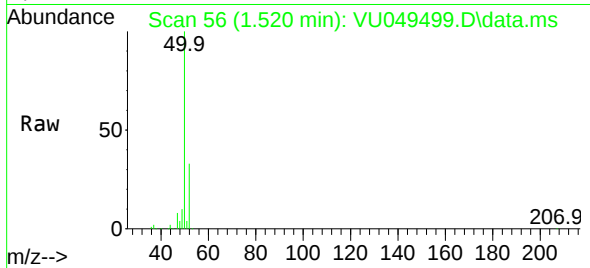
Tgt Ion: 85 Resp: 183048
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.2



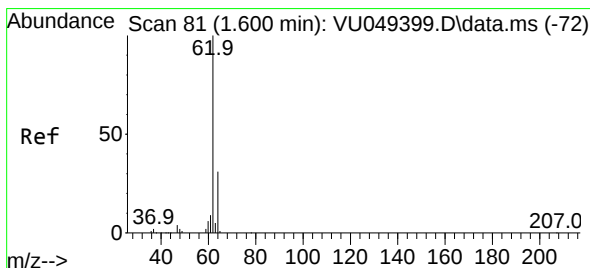
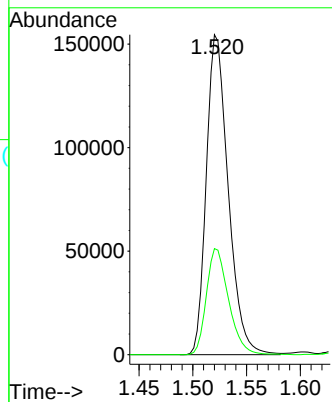
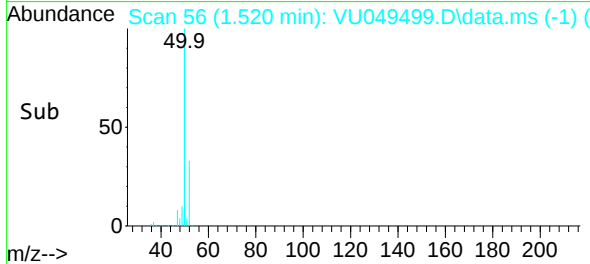


#3
Chloromethane
Concen: 43.746 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

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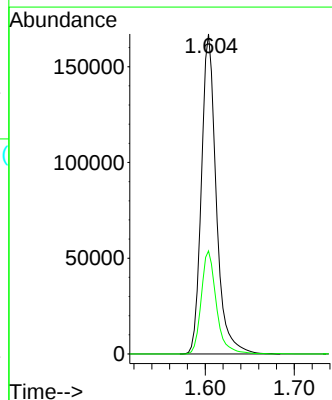
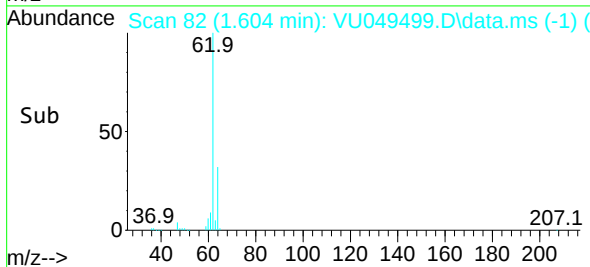
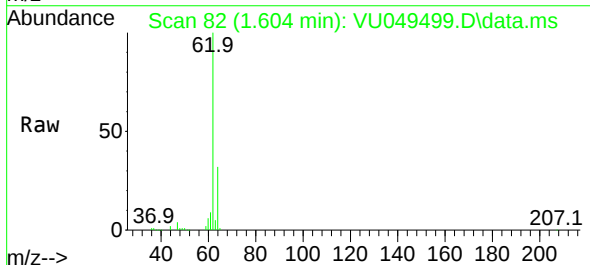


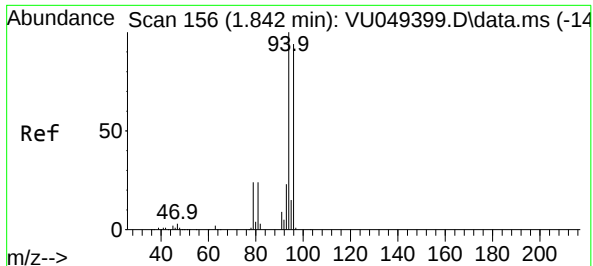
Tgt Ion: 50 Resp: 219501
Ion Ratio Lower Upper
50 100
52 33.2 27.4 41.2



#4
Vinyl Chloride
Concen: 47.008 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion: 62 Resp: 193750
Ion Ratio Lower Upper
62 100
64 32.2 25.3 37.9

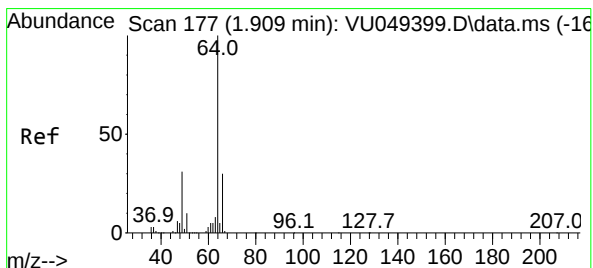
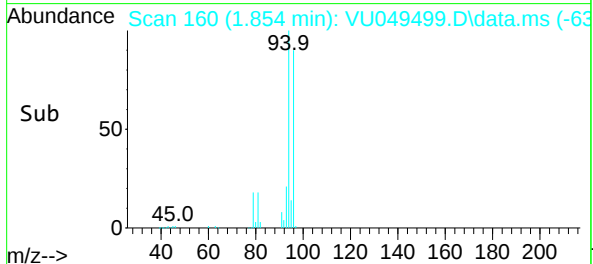
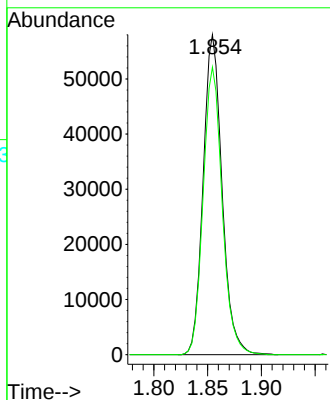
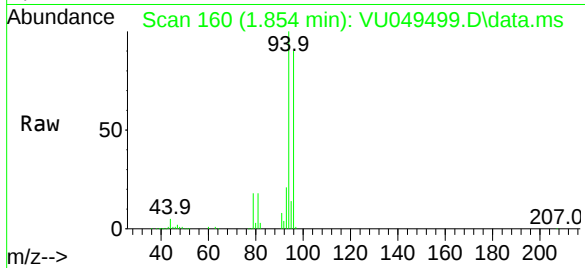




#5
Bromomethane
Concen: 55.178 ug/l
RT: 1.854 min Scan# 1
Delta R.T. 0.013 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

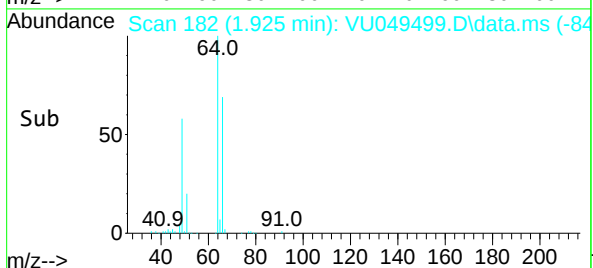
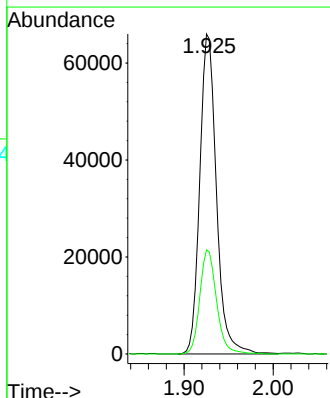
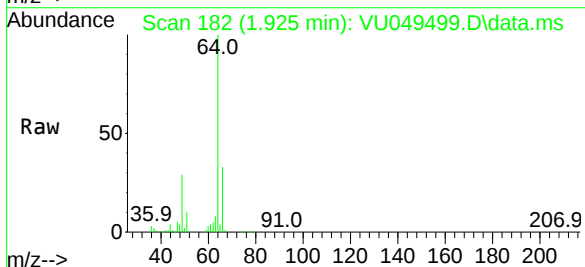
Instrument :
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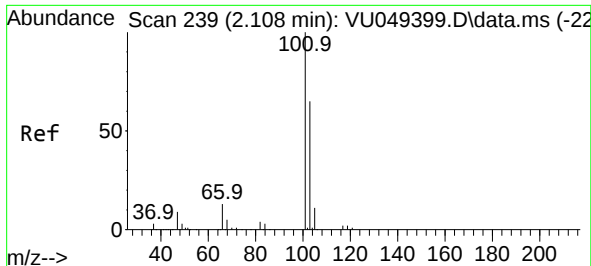
Tgt Ion: 94 Resp: 70718
Ion Ratio Lower Upper
94 100
96 89.9 73.7 110.5



#6
Chloroethane
Concen: 45.301 ug/l
RT: 1.925 min Scan# 182
Delta R.T. 0.016 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion: 64 Resp: 85779
Ion Ratio Lower Upper
64 100
66 32.5 24.7 37.1

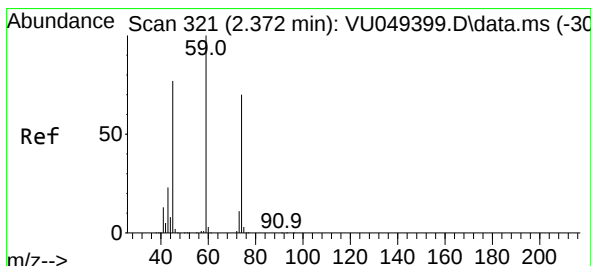
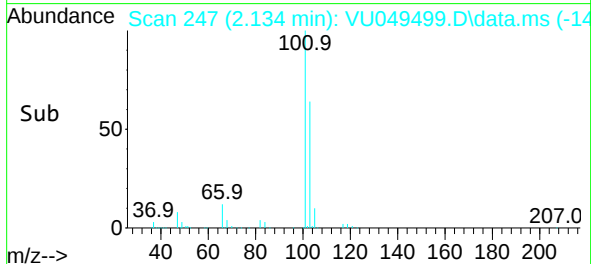
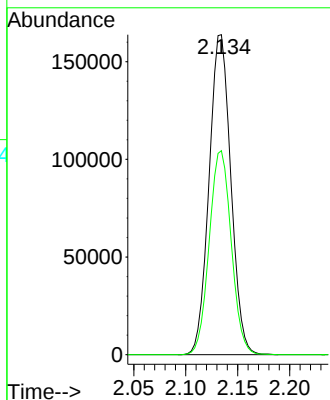
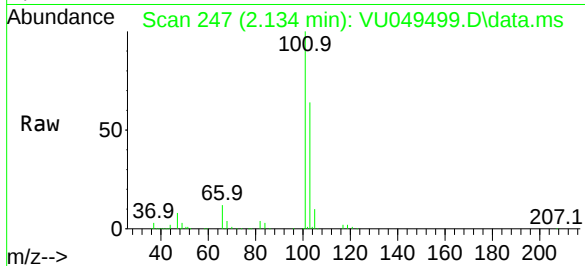




#7
Trichlorofluoromethane
Concen: 45.405 ug/l
RT: 2.134 min Scan# 24
Delta R.T. 0.026 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

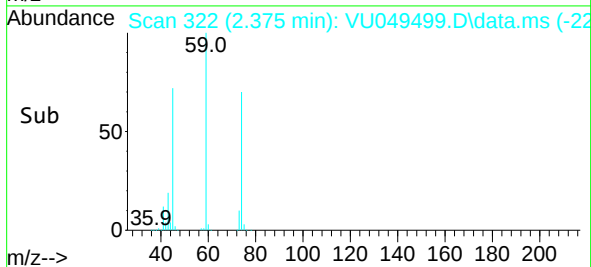
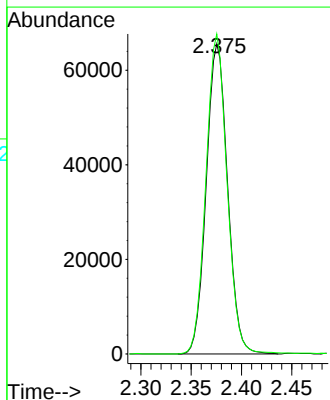
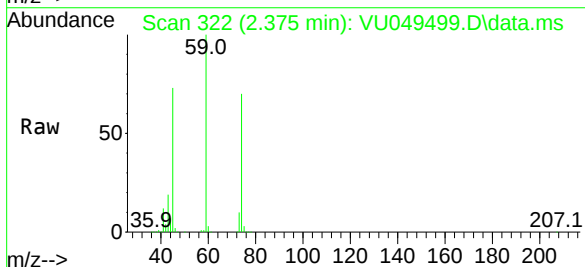
Instrument :
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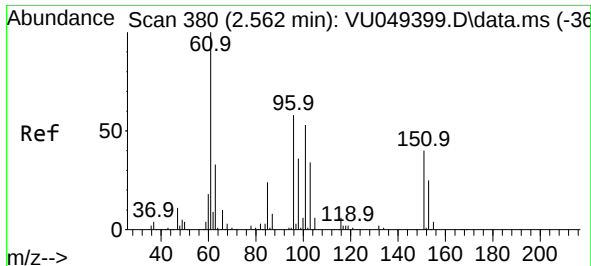
Tgt Ion:101 Resp: 238509
Ion Ratio Lower Upper
101 100
103 63.8 50.6 75.8



#8
Diethyl Ether
Concen: 50.904 ug/l
RT: 2.375 min Scan# 322
Delta R.T. 0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion: 74 Resp: 96589
Ion Ratio Lower Upper
74 100
45 102.3 44.4 133.2

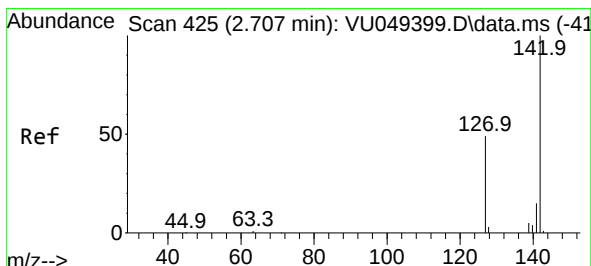
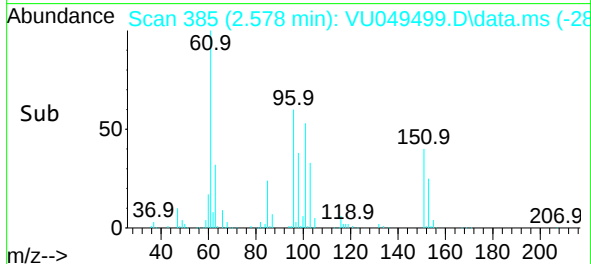
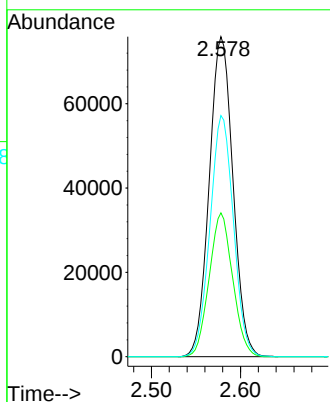
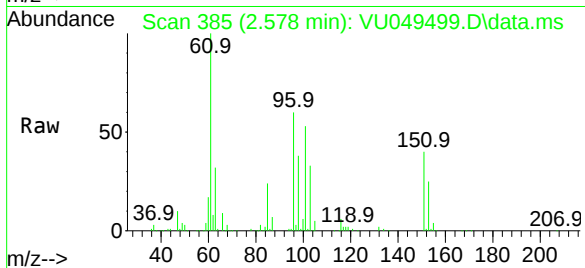




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.684 ug/l
RT: 2.578 min Scan# 380
Delta R.T. 0.016 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

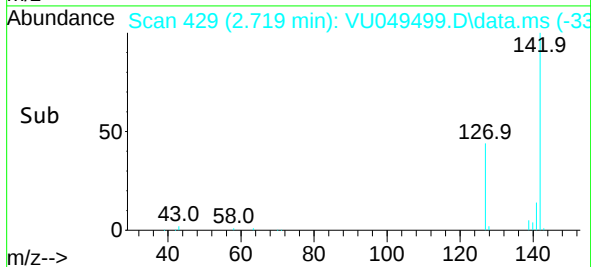
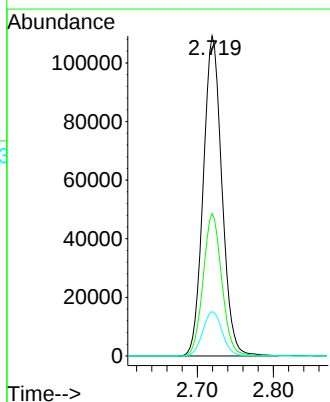
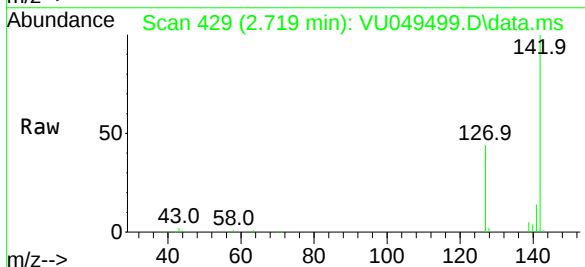
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

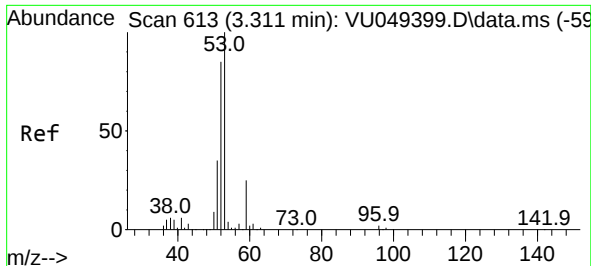
Tgt Ion:101 Resp: 140419
Ion Ratio Lower Upper
101 100
85 44.4 33.9 50.9
151 74.8 64.0 96.0



#10
Methyl Iodide
Concen: 64.470 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.013 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion:142 Resp: 186169
Ion Ratio Lower Upper
142 100
127 44.3 32.5 48.7
141 14.5 11.4 17.0

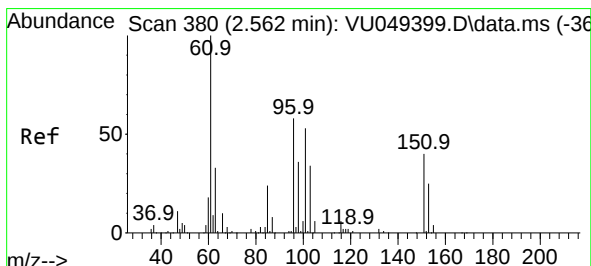
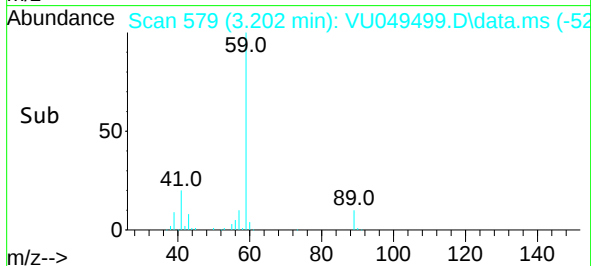
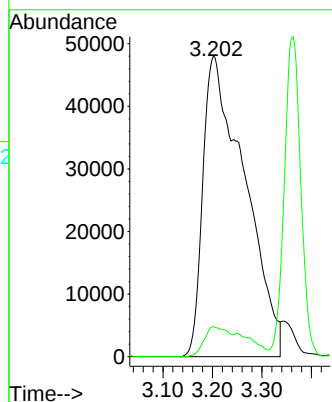
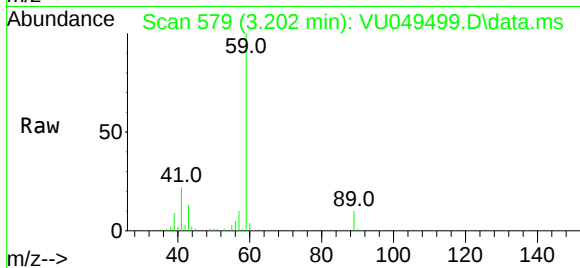




#11
Tert butyl alcohol
Concen: 305.788 ug/l
RT: 3.202 min Scan# 51
Delta R.T. -0.109 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

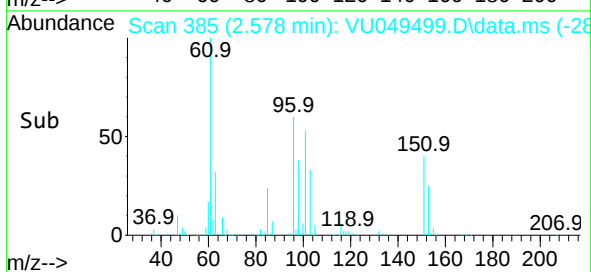
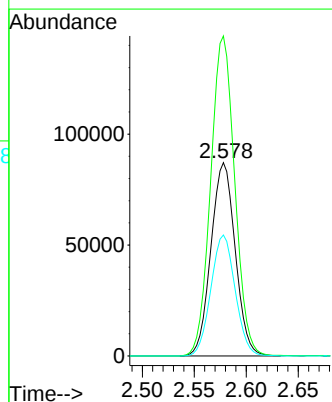
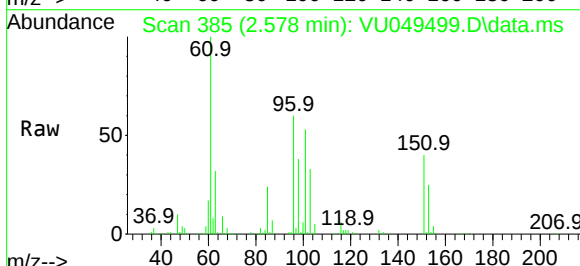
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

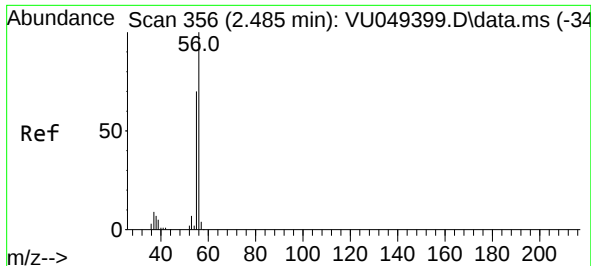
Tgt Ion: 59 Resp: 280822
Ion Ratio Lower Upper
59 100
57 5.9 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 51.218 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.016 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion: 96 Resp: 141726
Ion Ratio Lower Upper
96 100
61 165.6 122.2 183.2
98 62.5 50.7 76.1





#13

Acrolein

Concen: 146.826 ug/l

RT: 2.488 min Scan# 356

Delta R.T. 0.003 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

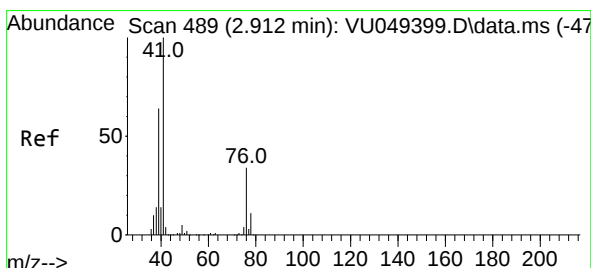
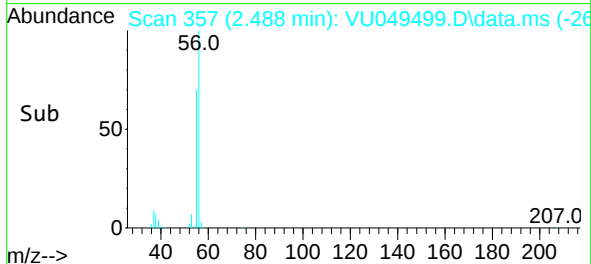
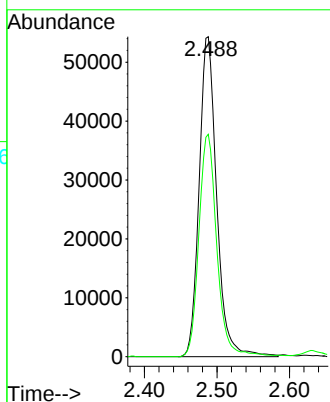
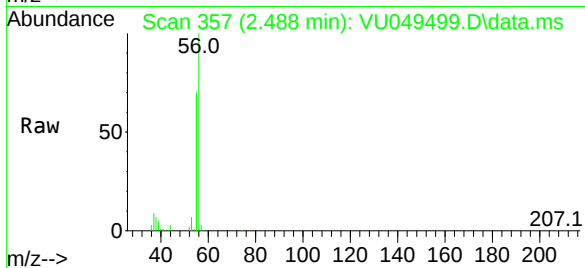
VSTDCCC050EC

Tgt Ion: 56 Resp: 91314

Ion Ratio Lower Upper

56 100

55 71.3 56.6 85.0



#14

Allyl chloride

Concen: 47.343 ug/l

RT: 2.922 min Scan# 492

Delta R.T. 0.010 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

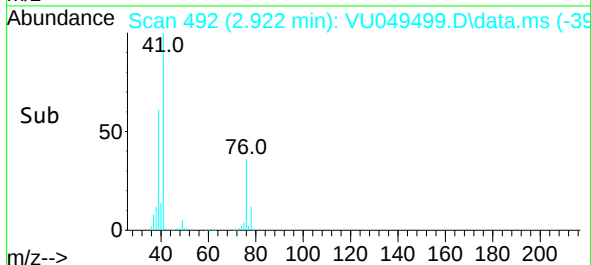
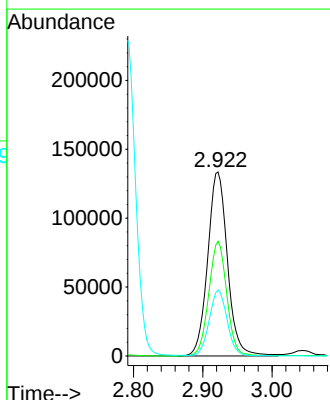
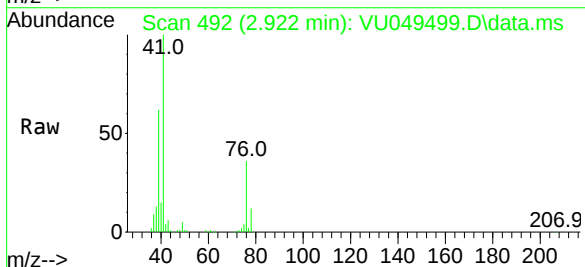
Tgt Ion: 41 Resp: 264758

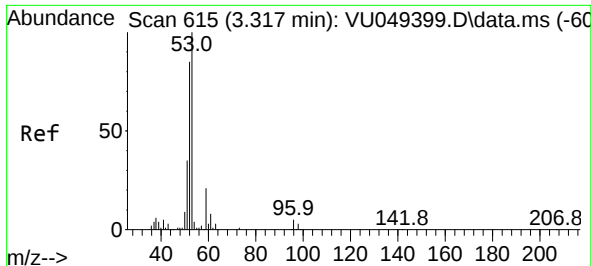
Ion Ratio Lower Upper

41 100

39 56.7 53.4 80.2

76 32.0 33.8 50.6#

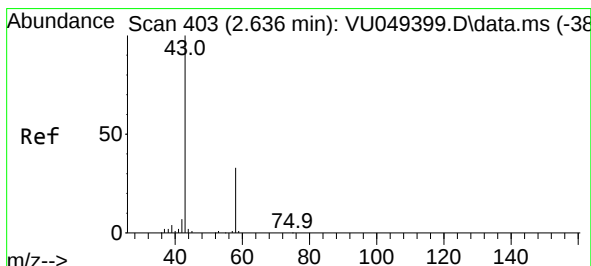
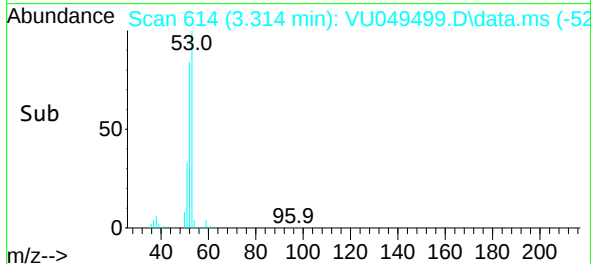
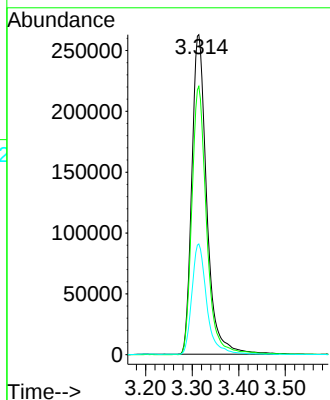
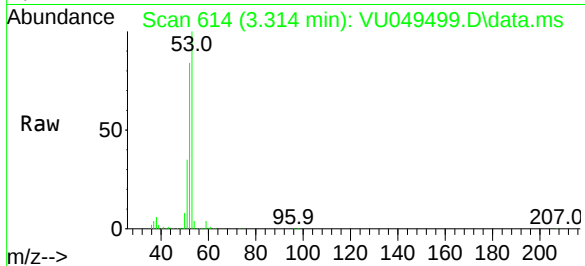




#15
Acrylonitrile
Concen: 264.584 ug/l
RT: 3.314 min Scan# 615
Delta R.T. -0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

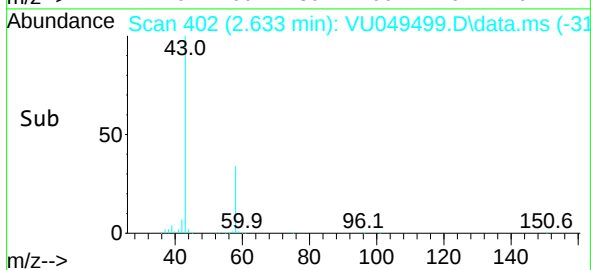
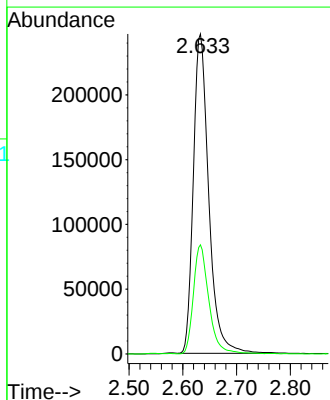
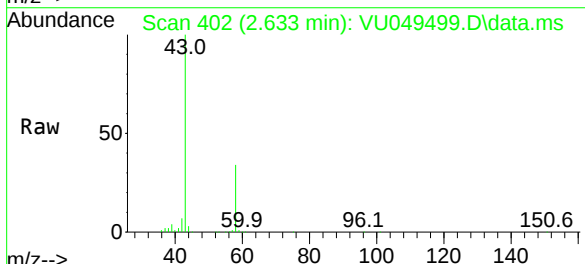
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

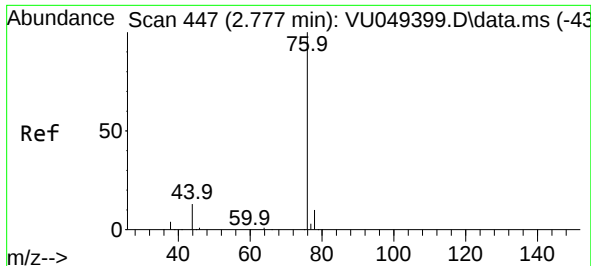
Tgt Ion: 53 Resp: 584387
Ion Ratio Lower Upper
53 100
52 83.1 65.7 98.5
51 34.2 28.2 42.4



#16
Acetone
Concen: 248.417 ug/l
RT: 2.633 min Scan# 402
Delta R.T. -0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion: 43 Resp: 491528
Ion Ratio Lower Upper
43 100
58 34.1 27.5 41.3





#17

Carbon Disulfide

Concen: 45.223 ug/l

RT: 2.790 min Scan# 4

Delta R.T. 0.013 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

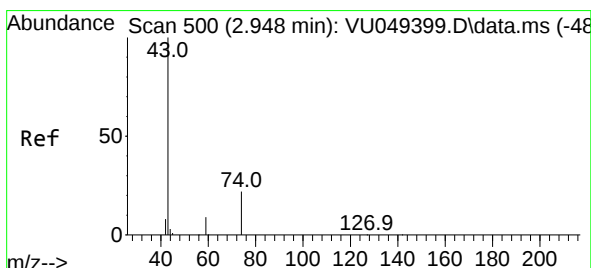
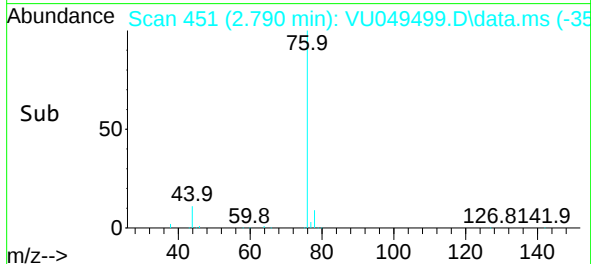
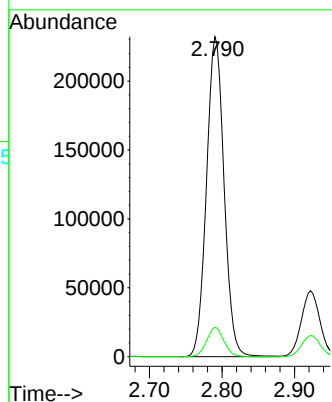
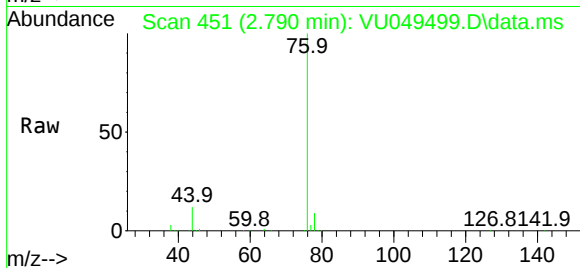
VSTDCCC050EC

Tgt Ion: 76 Resp: 390254

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



#18

Methyl Acetate

Concen: 49.098 ug/l

RT: 2.948 min Scan# 500

Delta R.T. 0.000 min

Lab File: VU049499.D

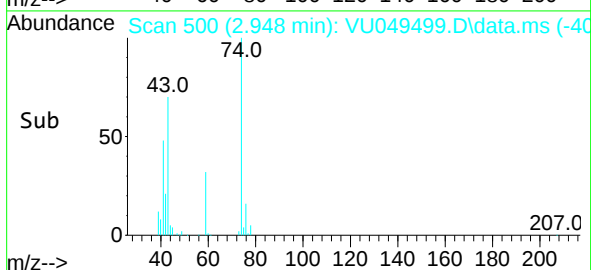
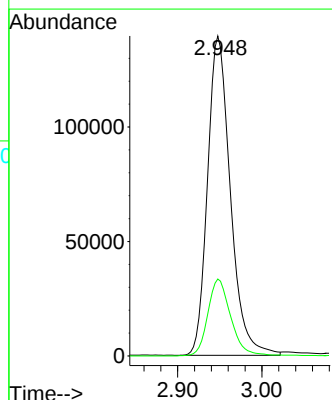
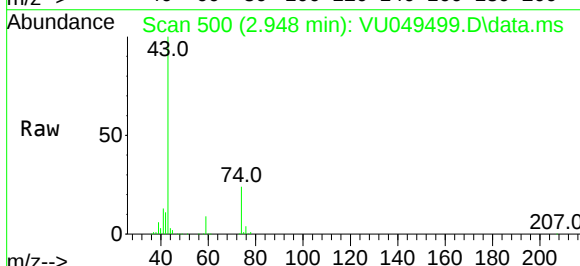
Acq: 29 Jun 2022 07:39

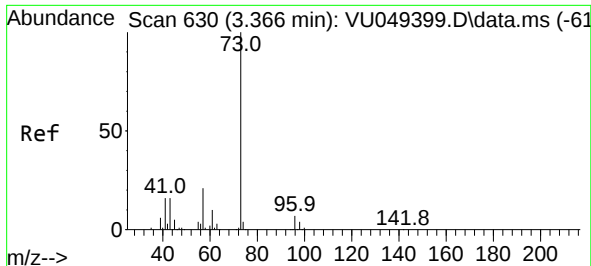
Tgt Ion: 43 Resp: 262982

Ion Ratio Lower Upper

43 100

74 24.3 22.5 33.7

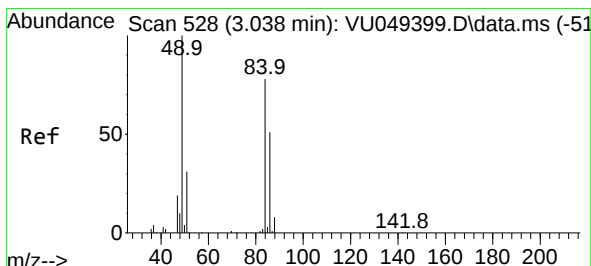
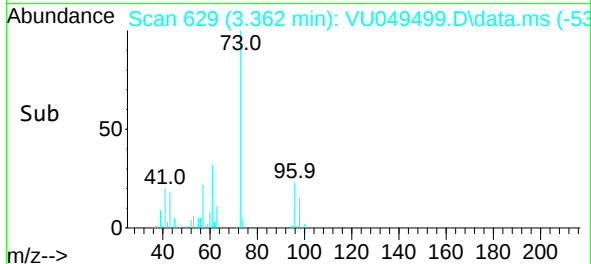
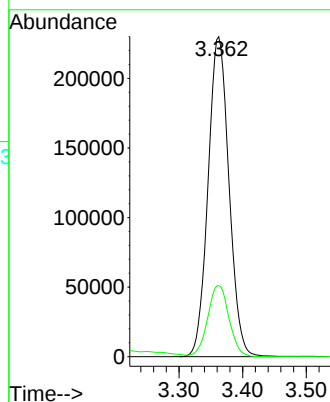
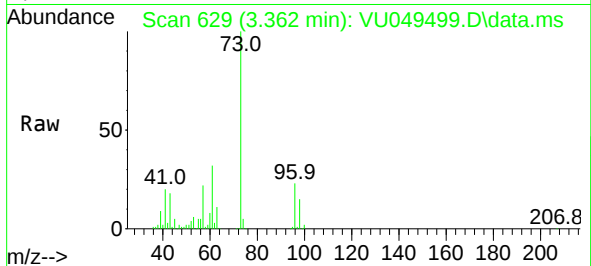




#19
Methyl tert-butyl Ether
Concen: 50.953 ug/l
RT: 3.362 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

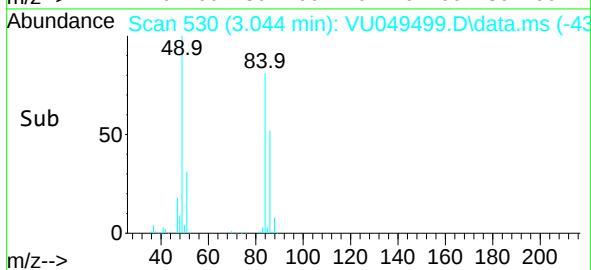
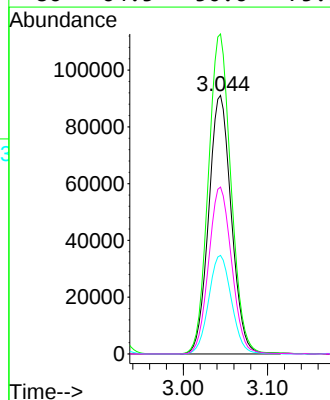
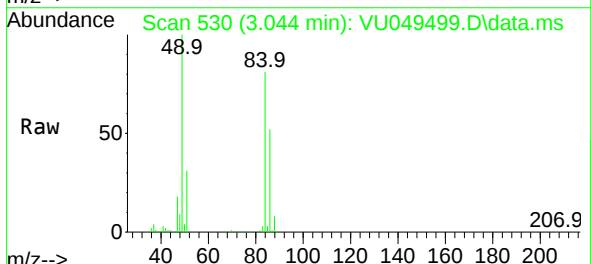
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

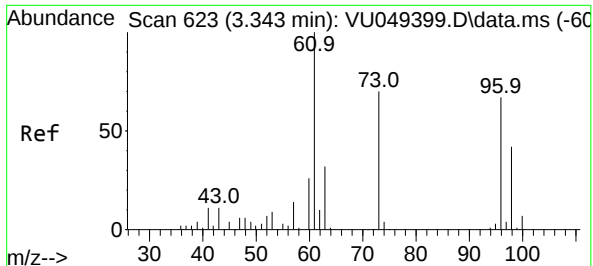
Tgt Ion: 73 Resp: 524390
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7



#20
Methylene Chloride
Concen: 51.658 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.006 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion: 84 Resp: 170068
Ion Ratio Lower Upper
84 100
49 123.8 86.6 129.8
51 38.1 26.6 40.0
86 64.5 50.6 75.8

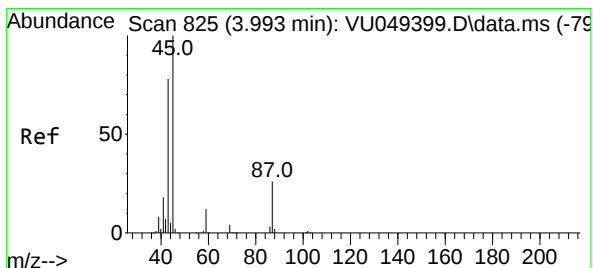
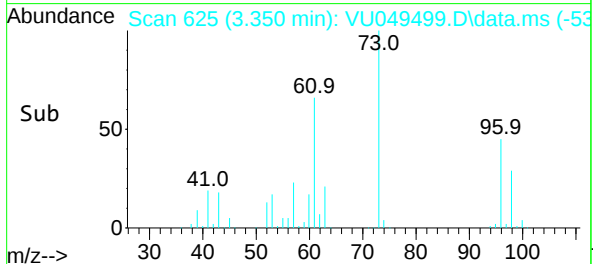
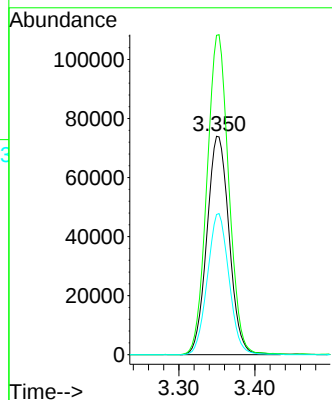
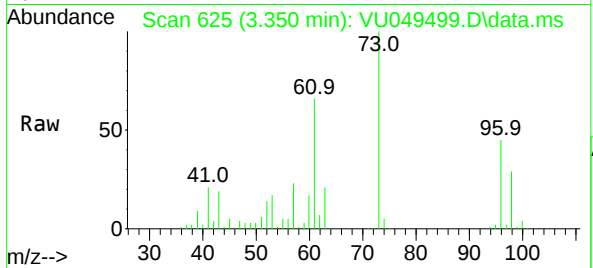




#21
trans-1,2-Dichloroethene
Concen: 50.448 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

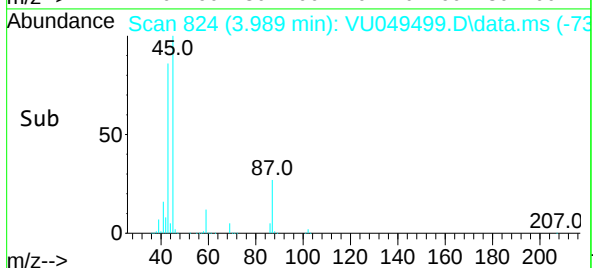
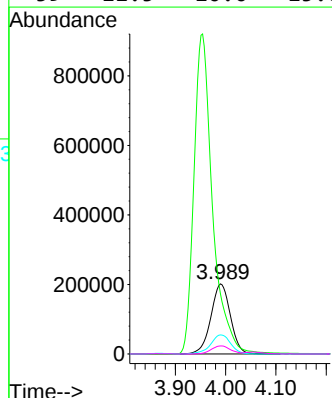
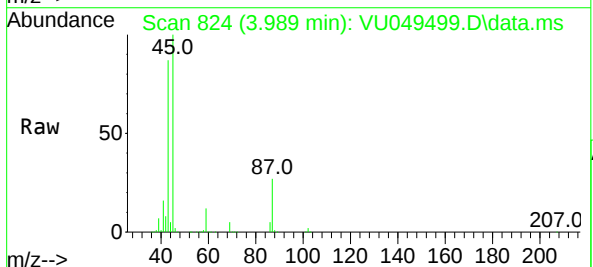
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

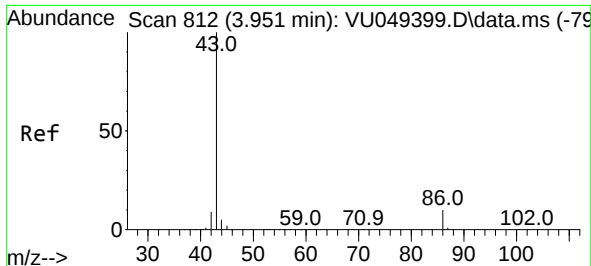
Tgt Ion: 96 Resp: 150484
Ion Ratio Lower Upper
96 100
61 146.3 106.1 159.1
98 64.2 50.8 76.2



#22
Diisopropyl ether
Concen: 50.704 ug/l
RT: 3.989 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion: 45 Resp: 541384
Ion Ratio Lower Upper
45 100
43 85.5 92.9 139.3#
87 27.1 26.2 39.2
59 11.5 10.0 15.0

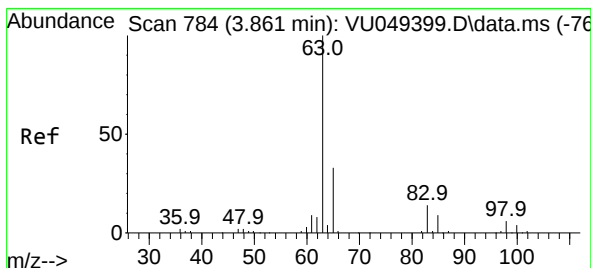
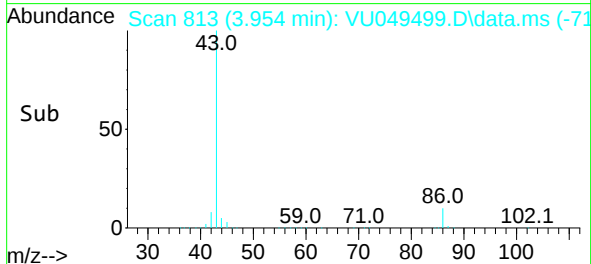
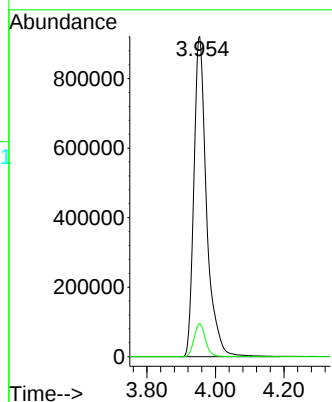
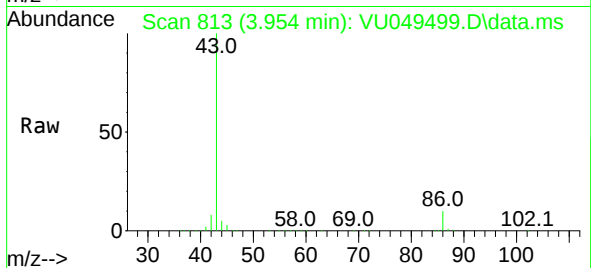




#23
 Vinyl Acetate
 Concen: 253.106 ug/l
 RT: 3.954 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VU049499.D
 Acq: 29 Jun 2022 07:39

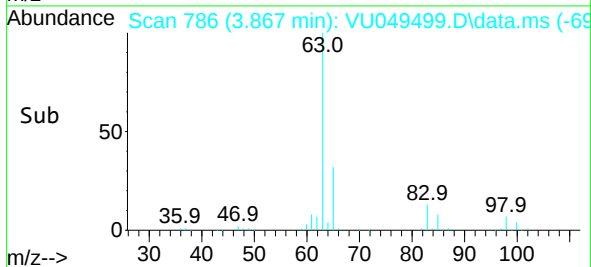
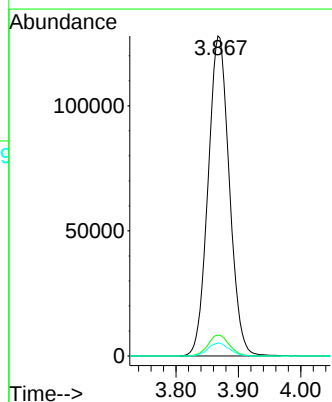
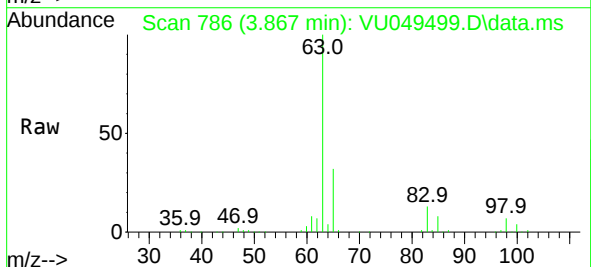
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

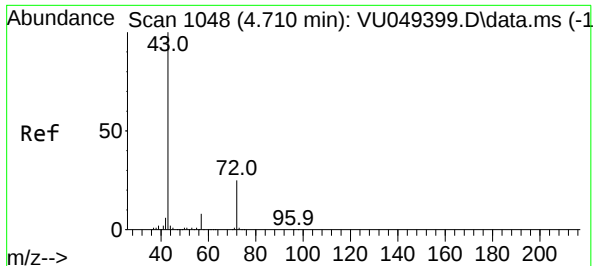
Tgt Ion: 43 Resp: 2368728
 Ion Ratio Lower Upper
 43 100
 86 10.3 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 49.316 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VU049499.D
 Acq: 29 Jun 2022 07:39

Tgt Ion: 63 Resp: 302467
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.9
 100 4.0 2.4 7.2





#25

2-Butanone

Concen: 263.789 ug/l

RT: 4.703 min Scan# 1046

Delta R.T. -0.006 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

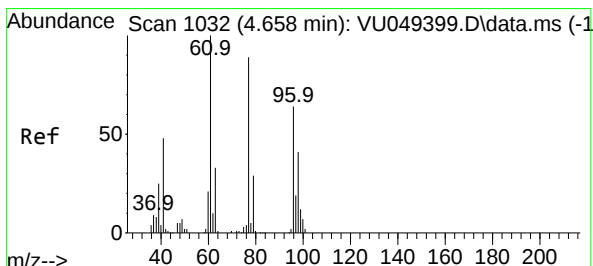
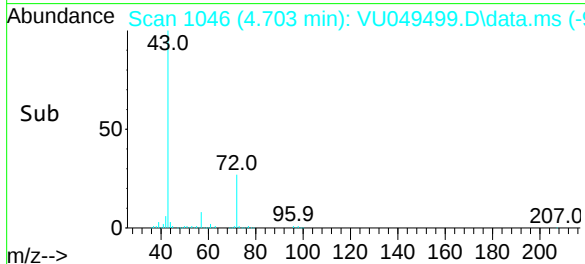
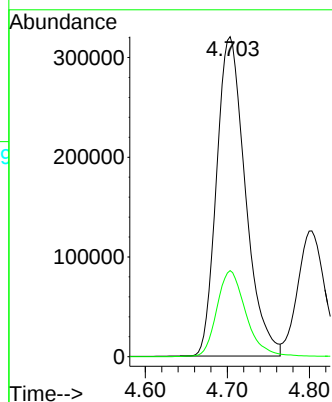
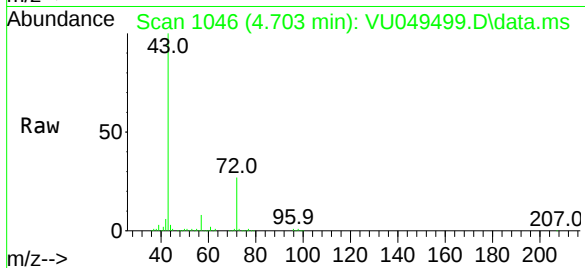
VSTDCCC050EC

Tgt Ion: 43 Resp: 782208

Ion Ratio Lower Upper

43 100

72 26.9 23.8 35.6



#26

2,2-Dichloropropane

Concen: 26.943 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VU049499.D

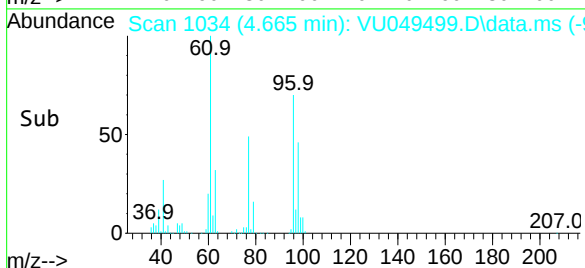
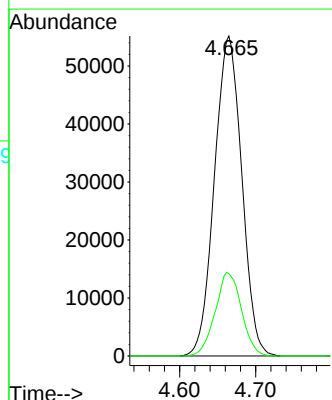
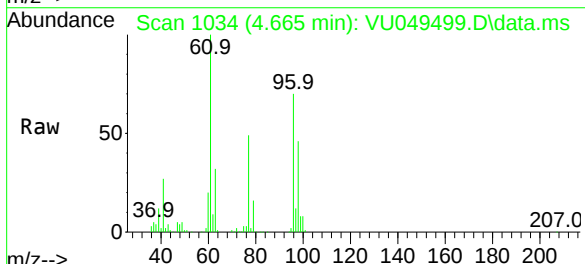
Acq: 29 Jun 2022 07:39

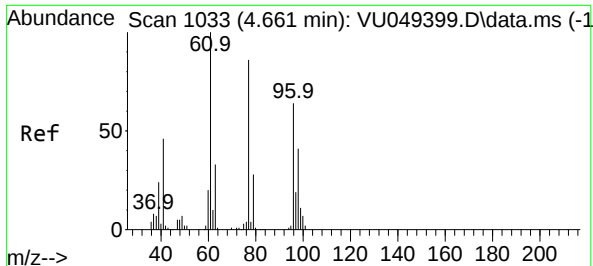
Tgt Ion: 77 Resp: 137532

Ion Ratio Lower Upper

77 100

97 25.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 51.899 ug/l

RT: 4.665 min Scan# 110

Delta R.T. 0.003 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

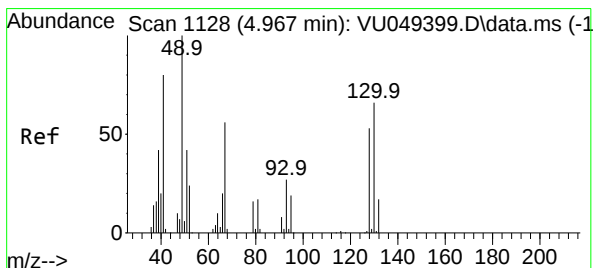
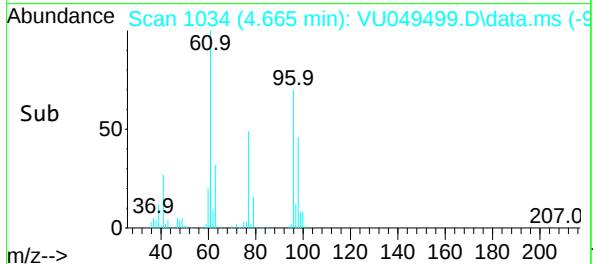
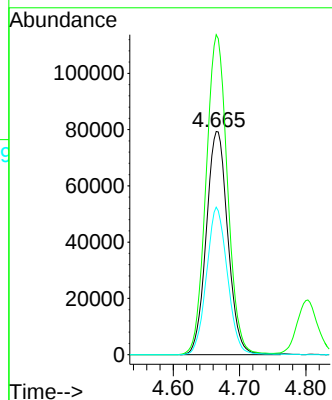
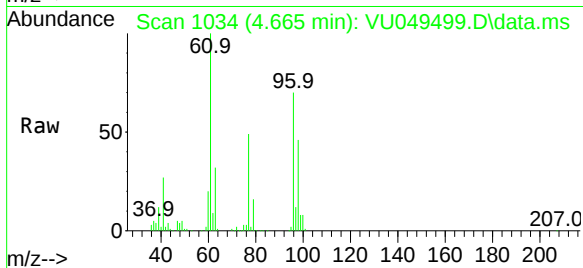
Tgt Ion: 96 Resp: 178869

Ion Ratio Lower Upper

96 100

61 142.5 0.0 271.6

98 64.2 0.0 128.2



#28

Bromochloromethane

Concen: 50.232 ug/l

RT: 4.973 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

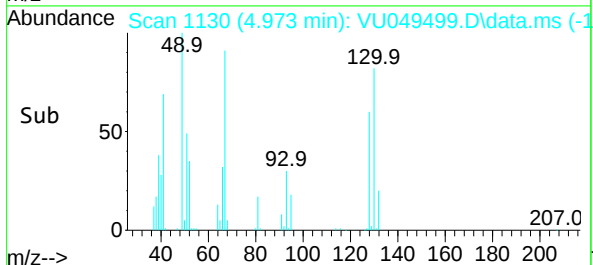
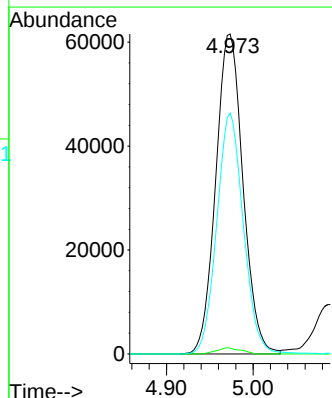
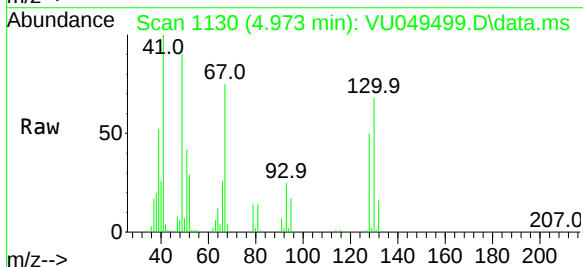
Tgt Ion: 49 Resp: 134666

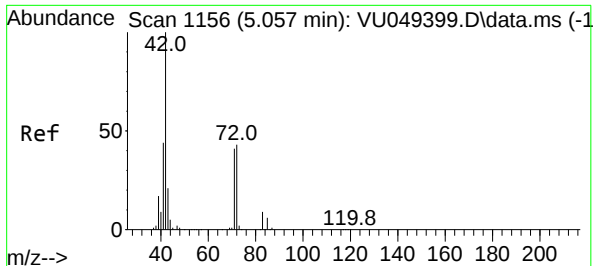
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.6

130 73.3 76.9 115.3#





#29

Tetrahydrofuran

Concen: 255.983 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. -0.006 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

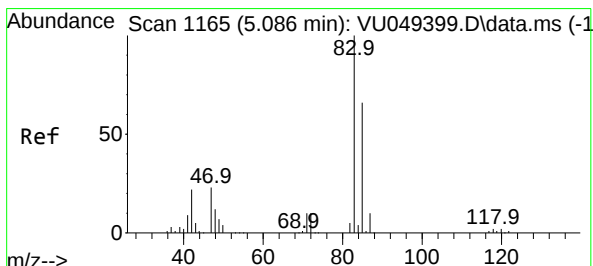
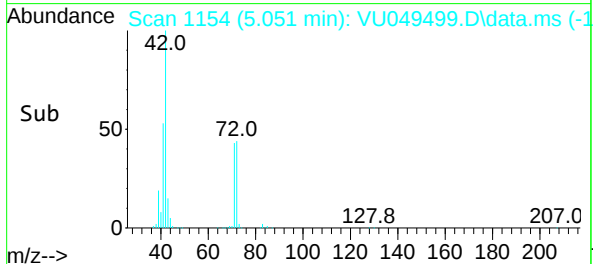
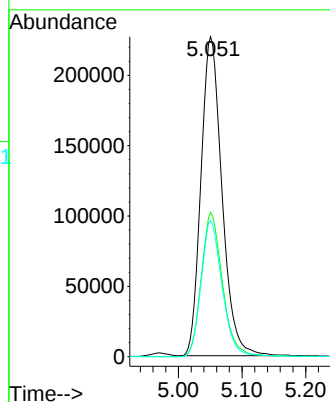
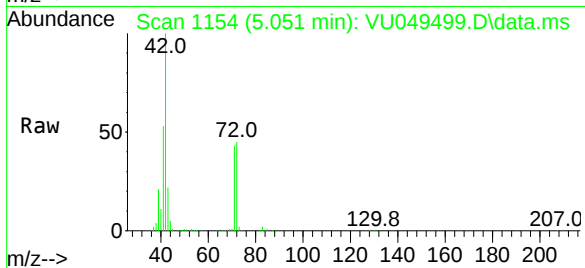
Tgt Ion: 42 Resp: 520724

Ion Ratio Lower Upper

42 100

72 45.4 42.6 63.8

71 42.5 40.3 60.5



#30

Chloroform

Concen: 48.769 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU049499.D

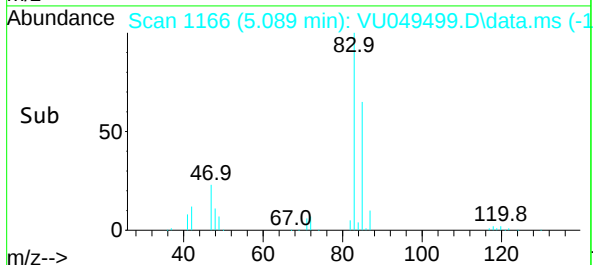
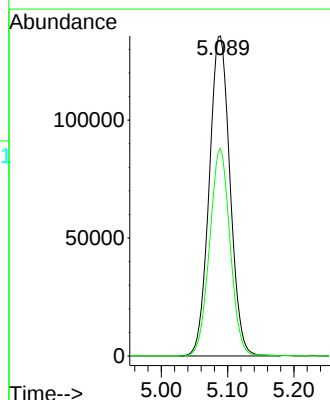
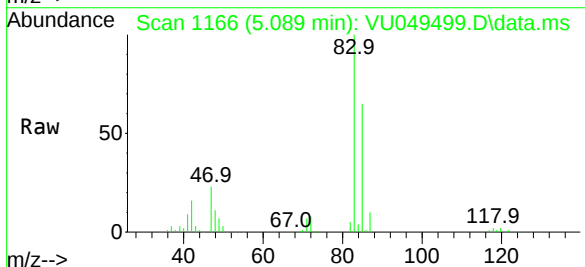
Acq: 29 Jun 2022 07:39

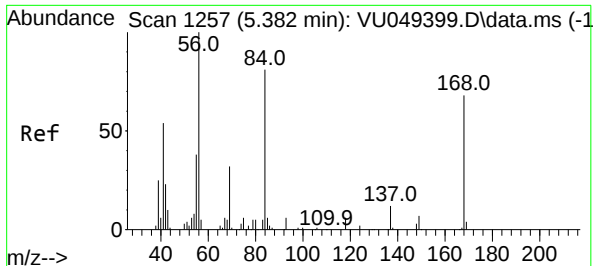
Tgt Ion: 83 Resp: 295882

Ion Ratio Lower Upper

83 100

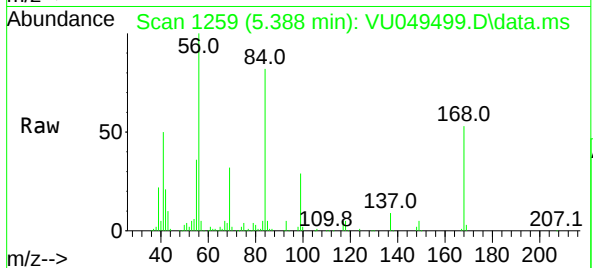
85 64.8 51.2 76.8



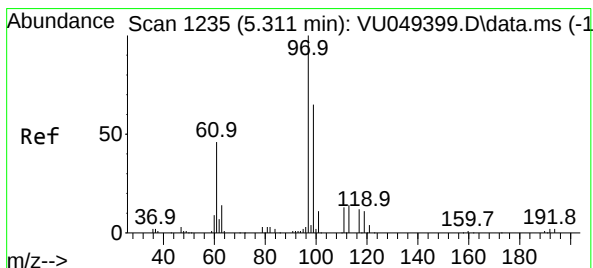
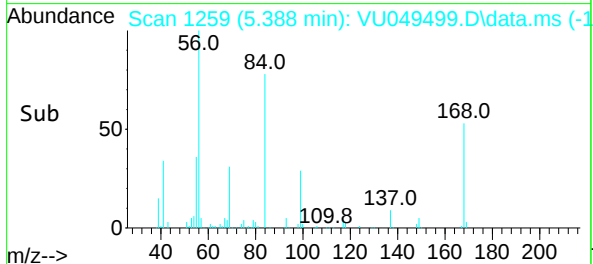
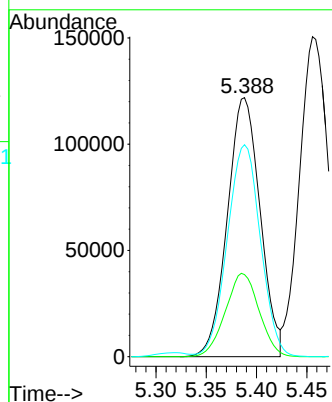


#31
Cyclohexane
Concen: 46.853 ug/l
RT: 5.388 min Scan# 1257
Delta R.T. 0.006 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

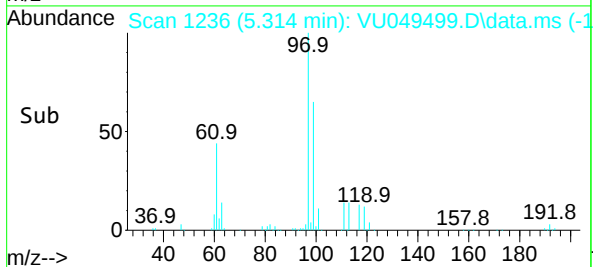
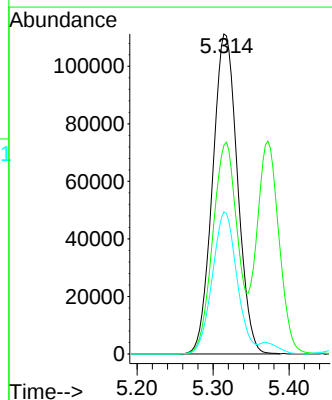
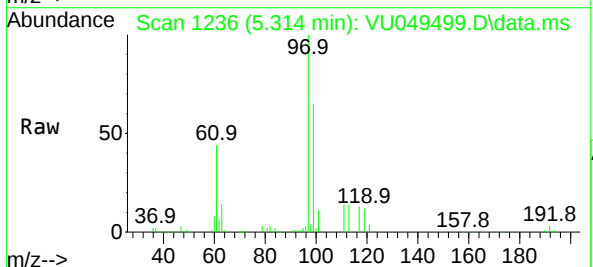


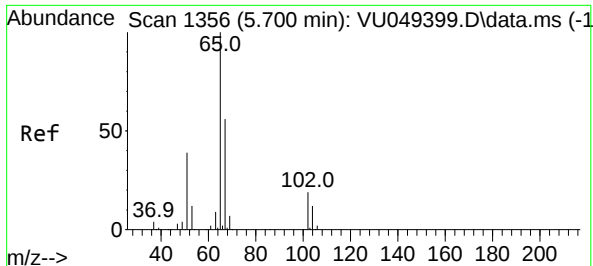
Tgt Ion: 56 Resp: 276026
Ion Ratio Lower Upper
56 100
69 31.7 27.8 41.8
84 80.4 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 48.148 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion: 97 Resp: 253454
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.6
61 44.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.234 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

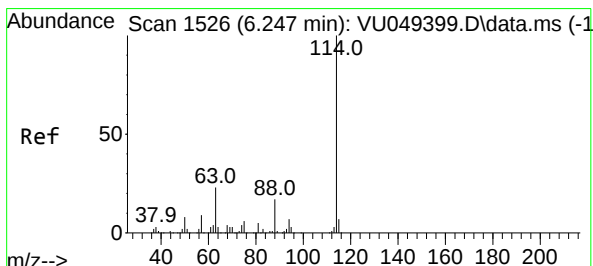
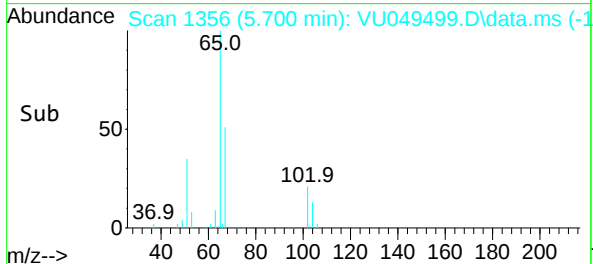
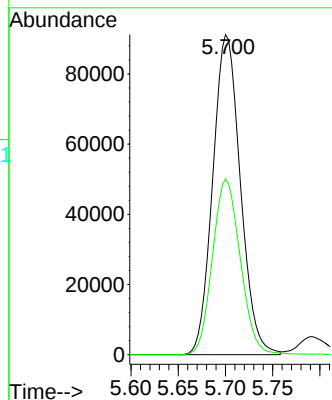
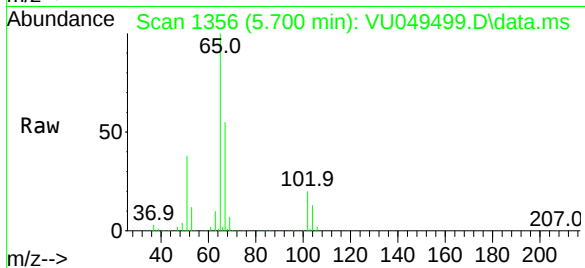
VSTDCCC050EC

Tgt Ion: 65 Resp: 185326

Ion Ratio Lower Upper

65 100

67 55.2 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. 0.000 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

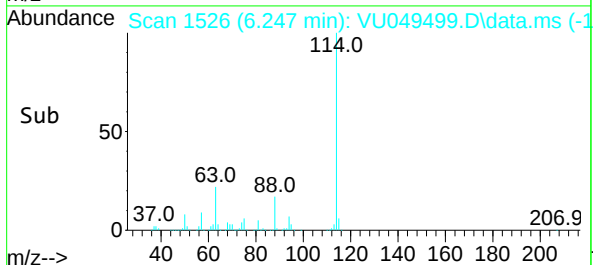
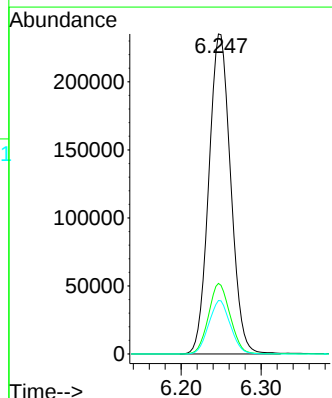
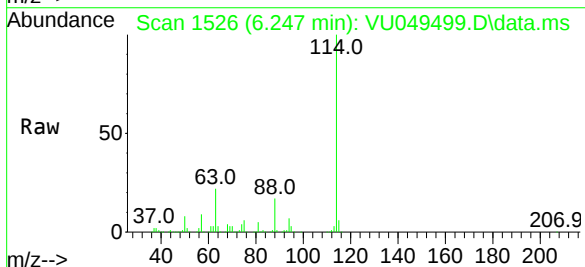
Tgt Ion: 114 Resp: 445907

Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.8

88 16.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 48.970 ug/l

RT: 5.288 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

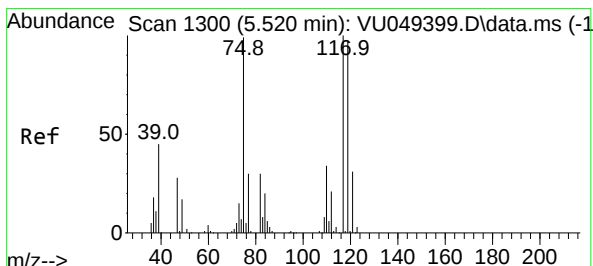
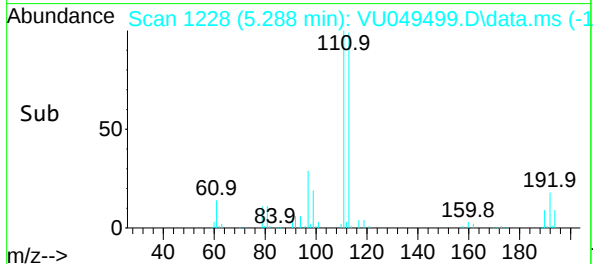
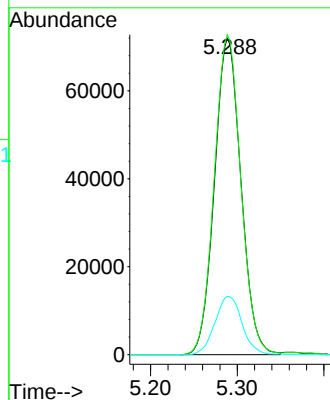
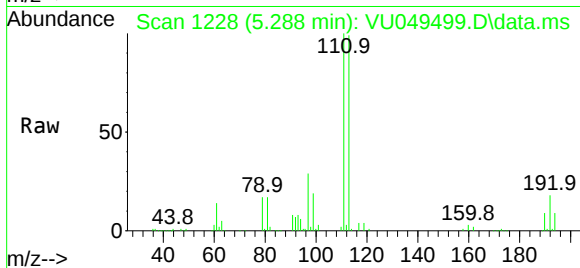
Tgt Ion:113 Resp: 152771

Ion Ratio Lower Upper

113 100

111 101.3 82.1 123.1

192 18.9 18.0 27.0



#36

1,1-Dichloropropene

Concen: 46.892 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

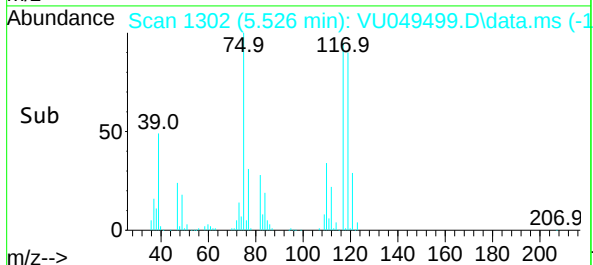
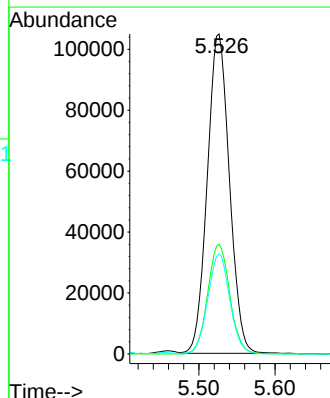
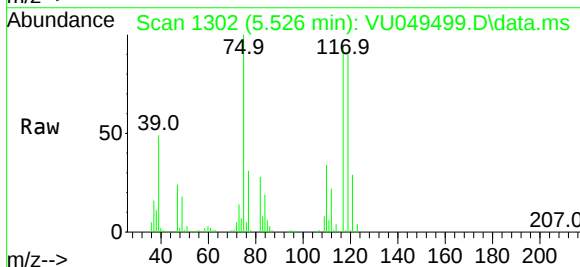
Tgt Ion: 75 Resp: 212117

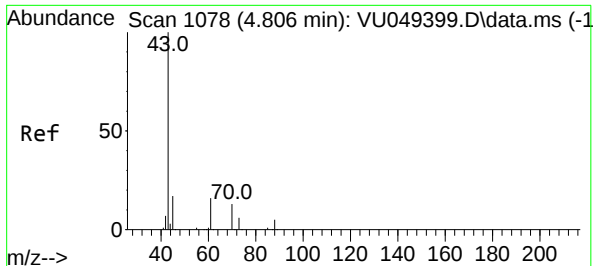
Ion Ratio Lower Upper

75 100

110 34.3 18.4 55.2

77 31.2 25.1 37.7

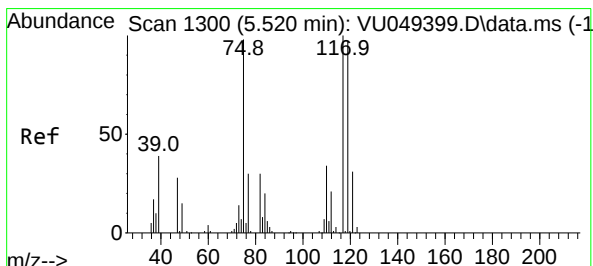
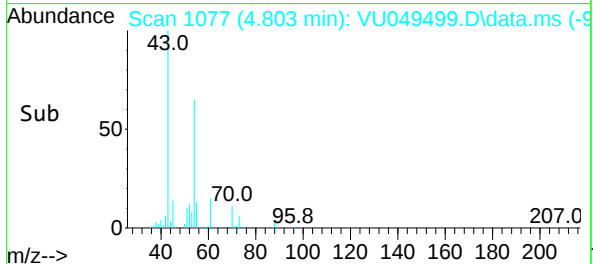
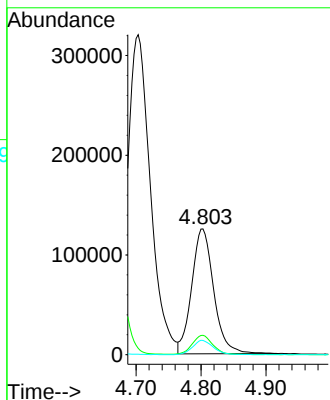
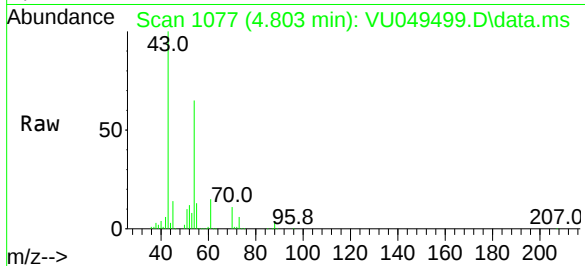




#37
Ethyl Acetate
Concen: 47.742 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

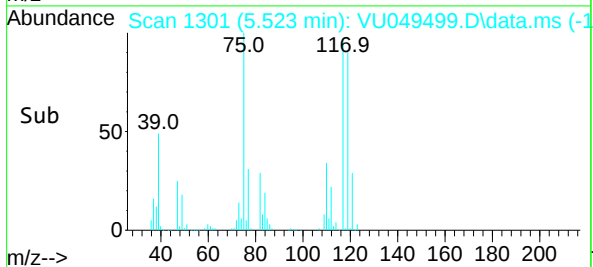
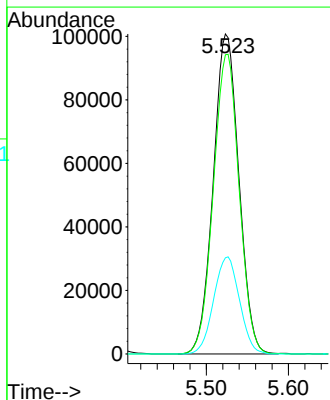
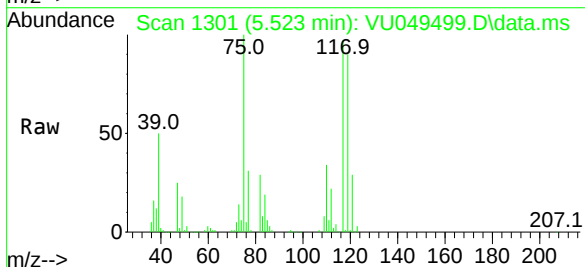
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

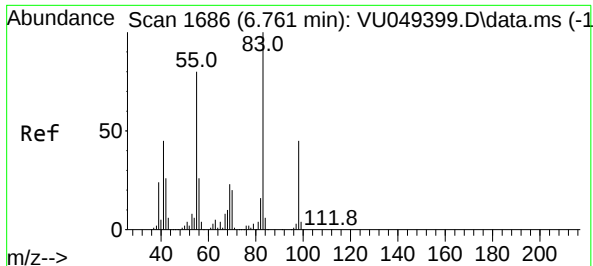
Tgt Ion: 43 Resp: 295106
Ion Ratio Lower Upper
43 100
61 14.4 9.5 14.3#
70 10.9 7.5 11.3



#38
Carbon Tetrachloride
Concen: 46.186 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion: 117 Resp: 219103
Ion Ratio Lower Upper
117 100
119 93.5 76.8 115.2
121 30.1 24.7 37.1





#39

Methylcyclohexane

Concen: 46.826 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

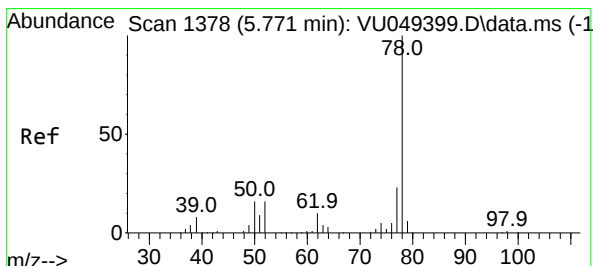
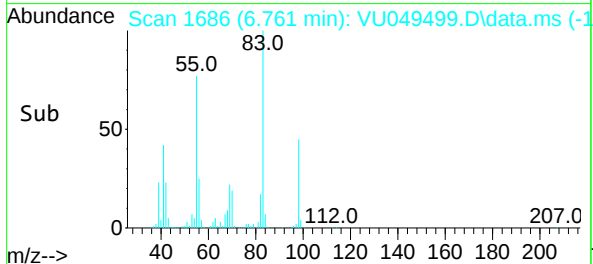
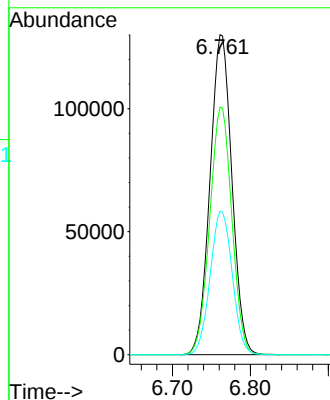
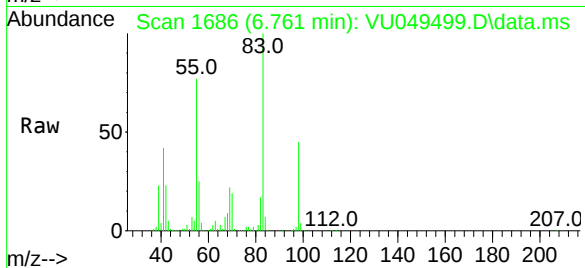
Tgt Ion: 83 Resp: 253893

Ion Ratio Lower Upper

83 100

55 77.4 55.3 82.9

98 44.9 37.3 55.9



#40

Benzene

Concen: 48.526 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU049499.D

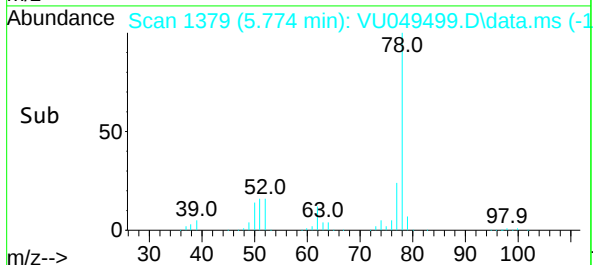
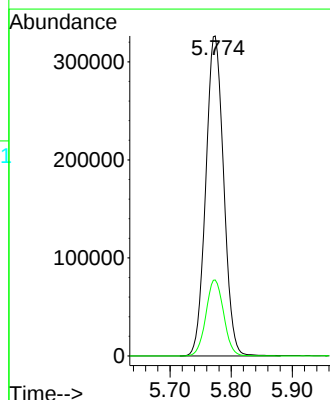
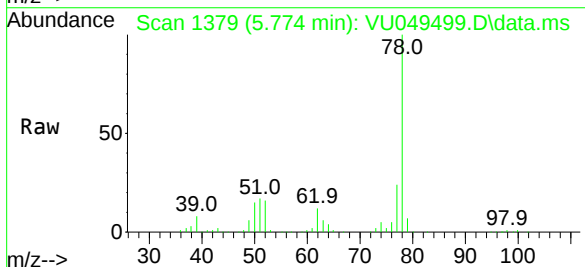
Acq: 29 Jun 2022 07:39

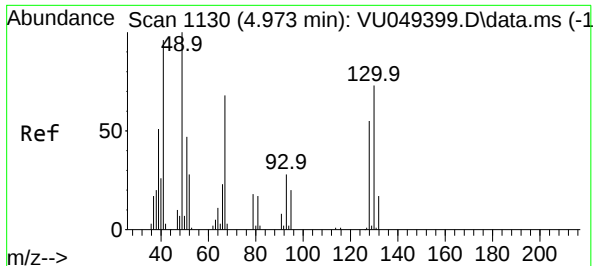
Tgt Ion: 78 Resp: 662725

Ion Ratio Lower Upper

78 100

77 23.7 18.8 28.2

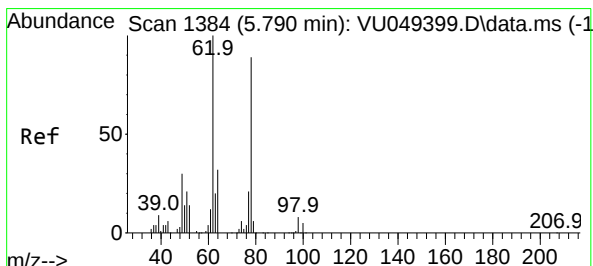
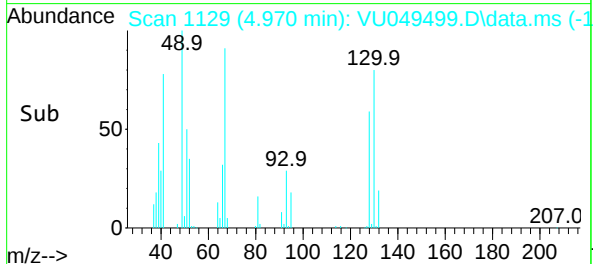
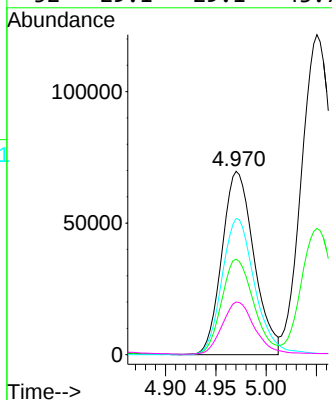
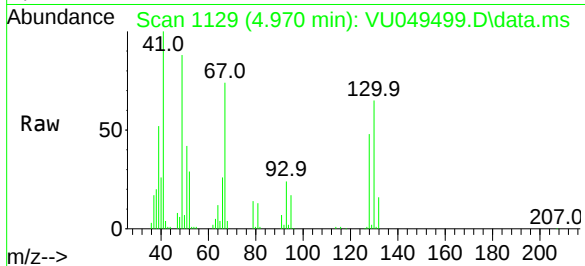




#41
Methacrylonitrile
Concen: 49.885 ug/l
RT: 4.970 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

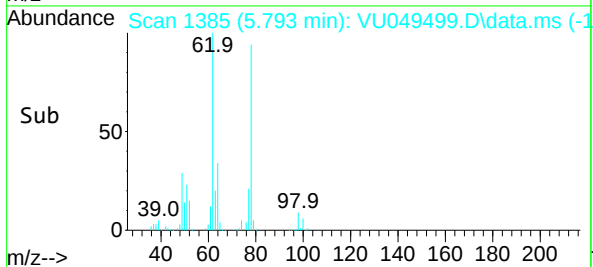
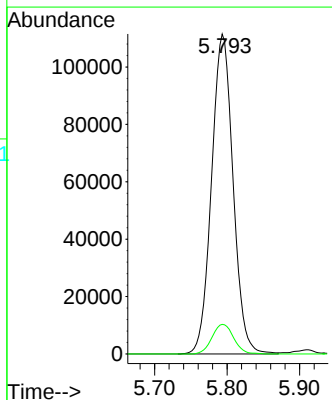
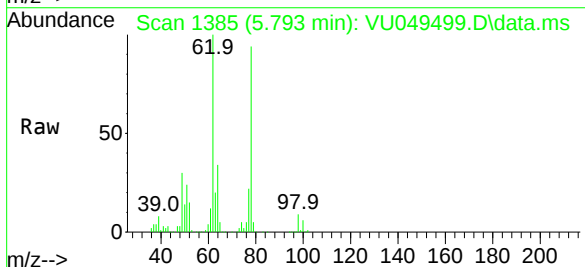
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

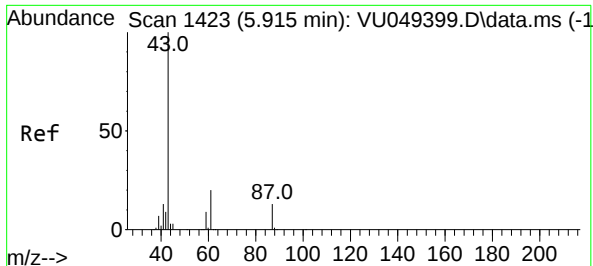
Tgt Ion: 41 Resp: 154508
Ion Ratio Lower Upper
41 100
39 51.8 43.1 64.7
67 76.3 72.3 108.5
52 29.1 29.1 43.7#



#42
1,2-Dichloroethane
Concen: 45.212 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion: 62 Resp: 229811
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.6

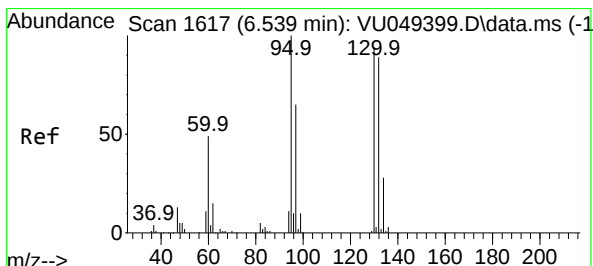
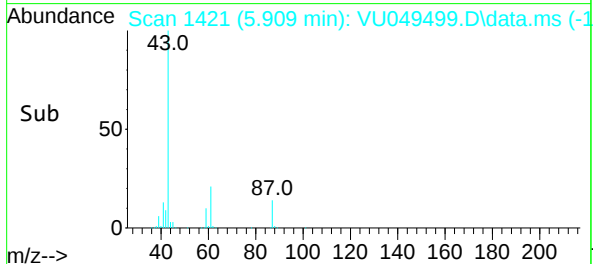
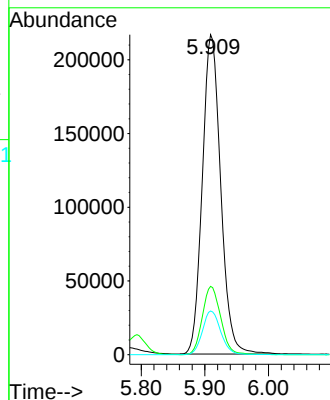
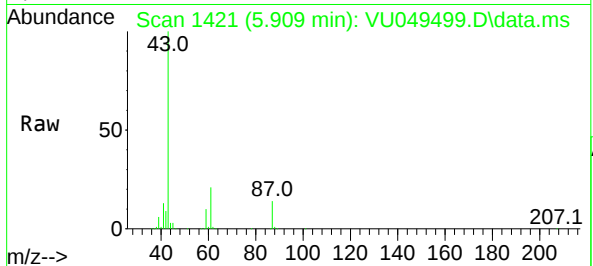




#43
Isopropyl Acetate
Concen: 48.011 ug/l
RT: 5.909 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

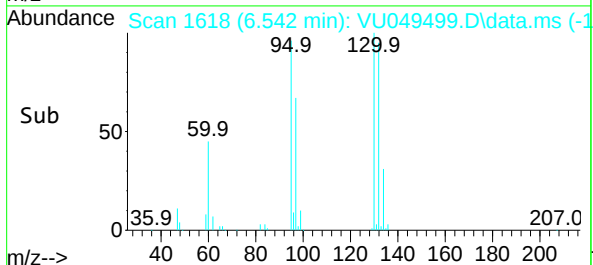
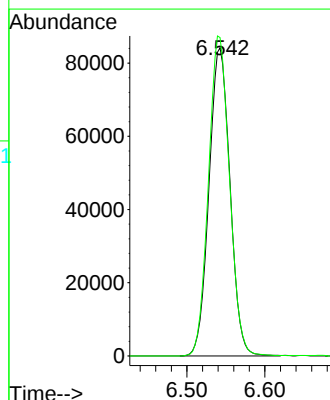
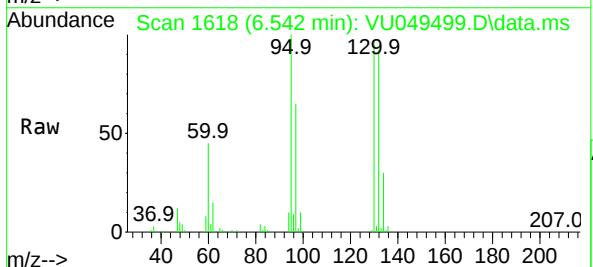
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

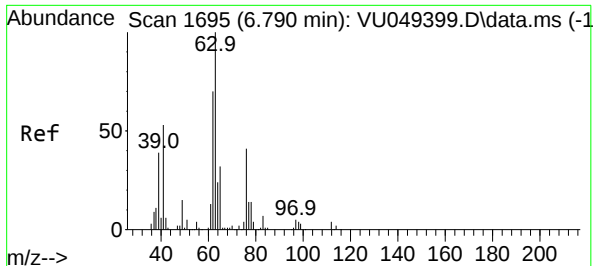
Tgt Ion: 43 Resp: 434848
Ion Ratio Lower Upper
43 100
61 21.4 17.4 26.0
87 13.7 12.6 18.8



#44
Trichloroethene
Concen: 48.566 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion:130 Resp: 157675
Ion Ratio Lower Upper
130 100
95 103.3 0.0 184.6





#45

1,2-Dichloropropane

Concen: 46.935 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

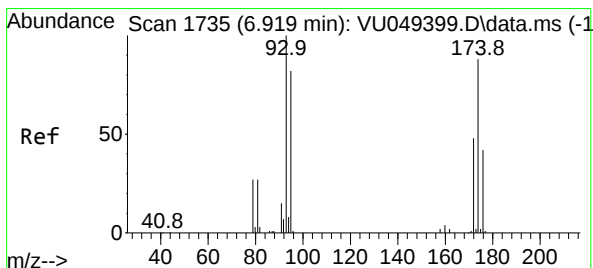
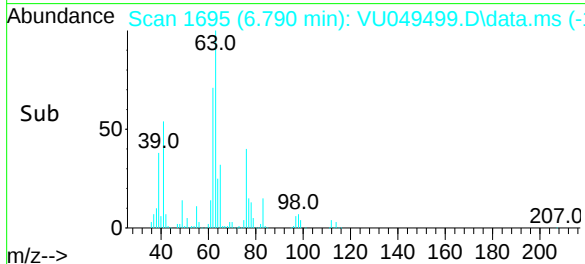
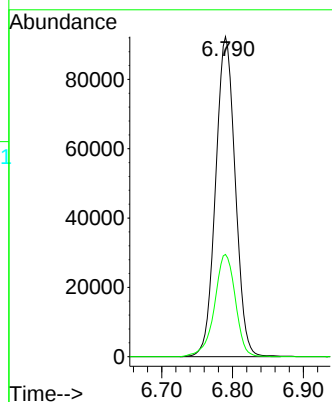
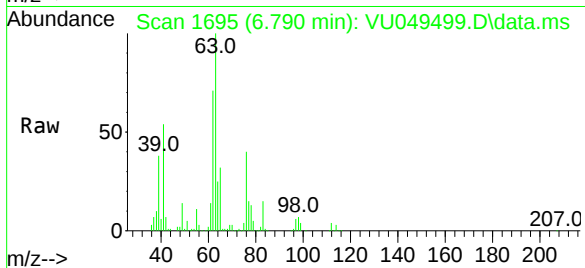
VSTDCCC050EC

Tgt Ion: 63 Resp: 177612

Ion Ratio Lower Upper

63 100

65 31.9 25.0 37.4



#46

Dibromomethane

Concen: 48.166 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

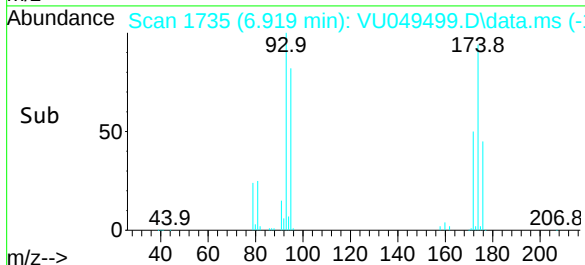
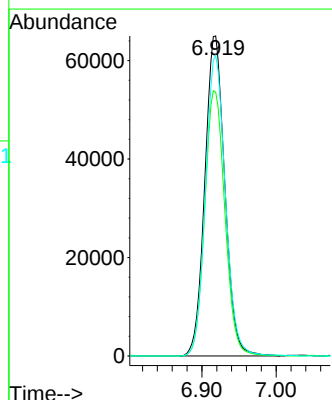
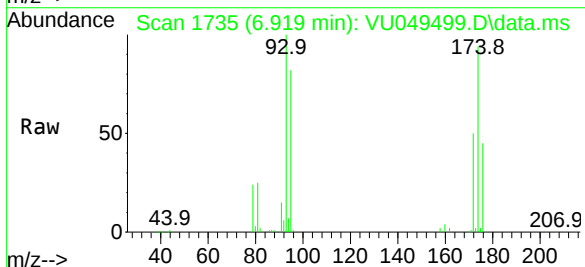
Tgt Ion: 93 Resp: 121523

Ion Ratio Lower Upper

93 100

95 83.5 66.3 99.5

174 93.8 88.2 132.4

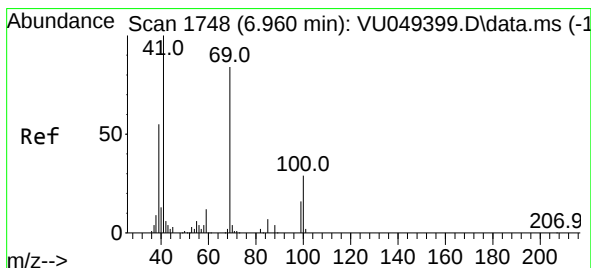
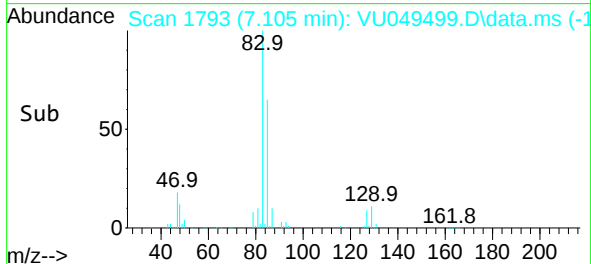
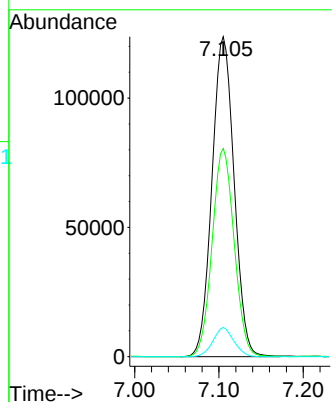
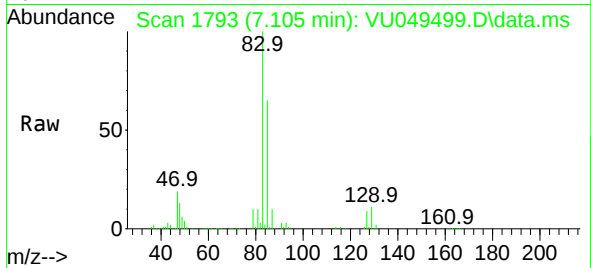




#47
Bromodichloromethane
Concen: 46.452 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

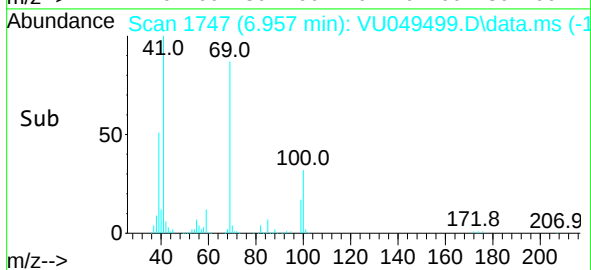
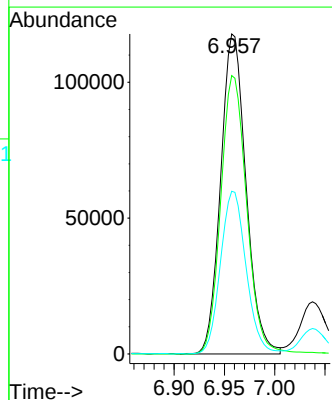
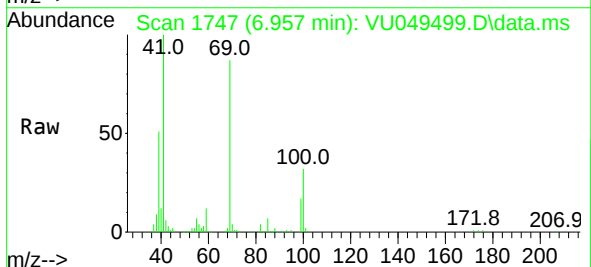
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

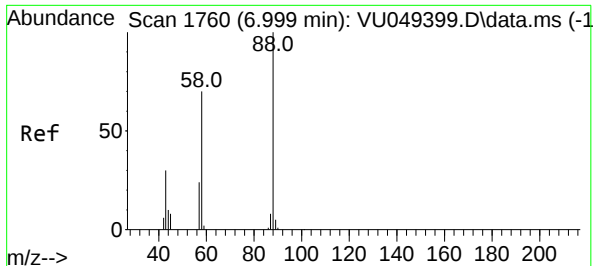
Tgt Ion: 83 Resp: 225573
Ion Ratio Lower Upper
83 100
85 65.1 51.4 77.2
127 9.2 7.1 10.7



#48
Methyl methacrylate
Concen: 48.781 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. -0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion: 41 Resp: 207053
Ion Ratio Lower Upper
41 100
69 89.1 79.8 119.6
39 51.4 47.9 71.9





#49

1,4-Dioxane

Concen: 1084.266 ug/l

RT: 6.999 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

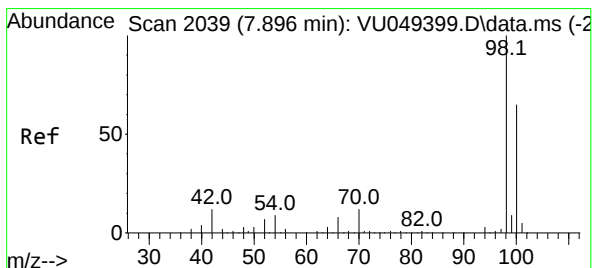
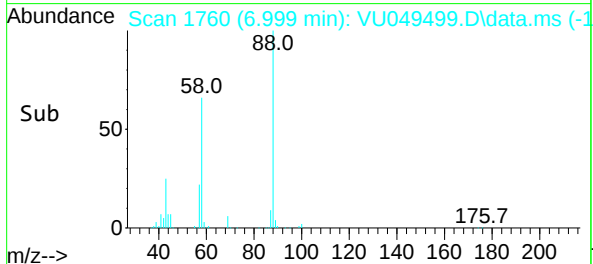
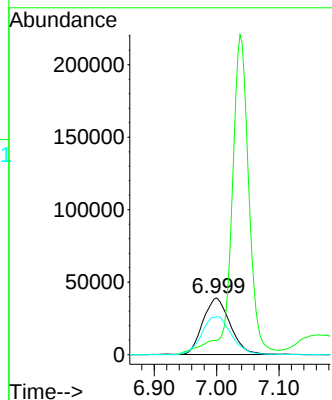
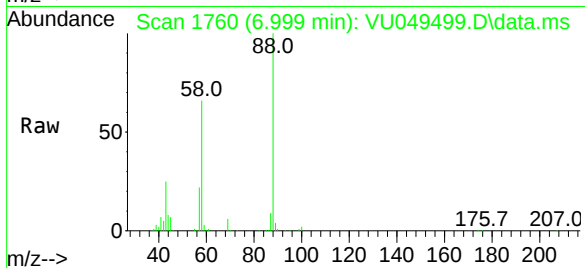
Tgt Ion: 88 Resp: 117907

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 73.4 15.4 23.0#



#50

Toluene-d8

Concen: 48.718 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049499.D

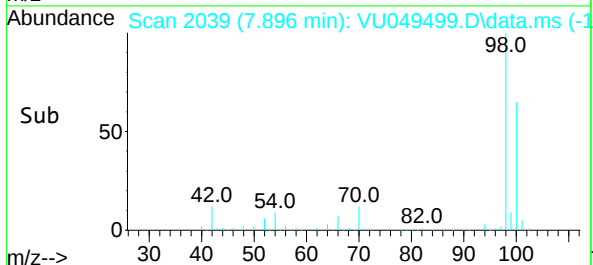
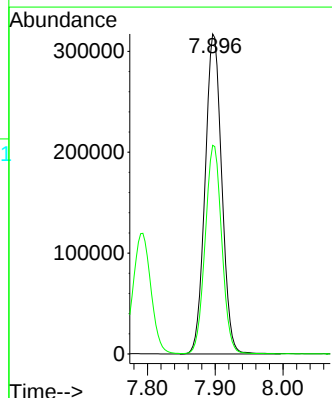
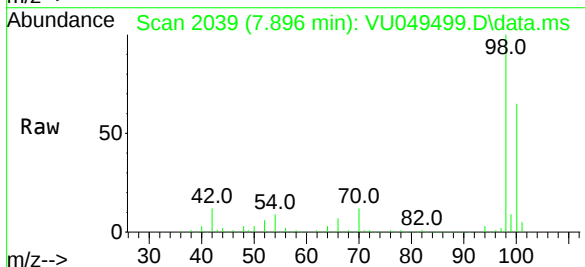
Acq: 29 Jun 2022 07:39

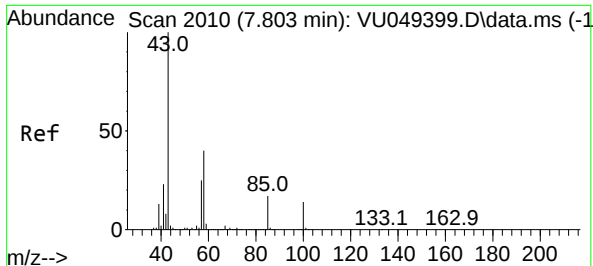
Tgt Ion: 98 Resp: 542088

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 242.501 ug/l

RT: 7.790 min Scan# 2010

Delta R.T. -0.013 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

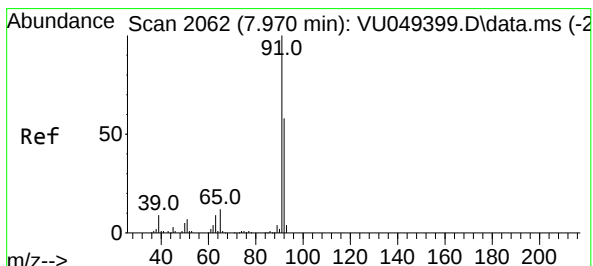
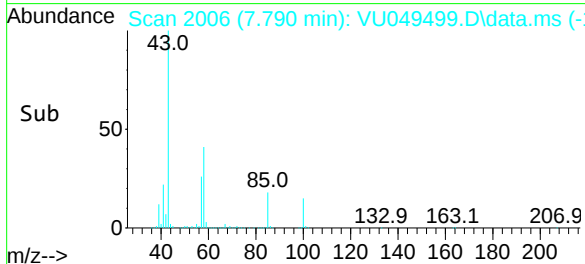
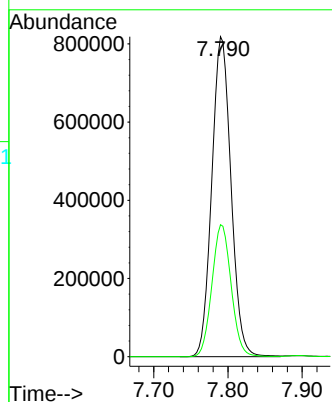
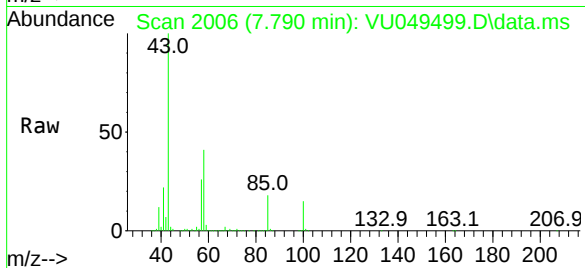
VSTDCCC050EC

Tgt Ion: 43 Resp: 1469931

Ion Ratio Lower Upper

43 100

58 41.2 34.7 52.1



#52

Toluene

Concen: 48.777 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU049499.D

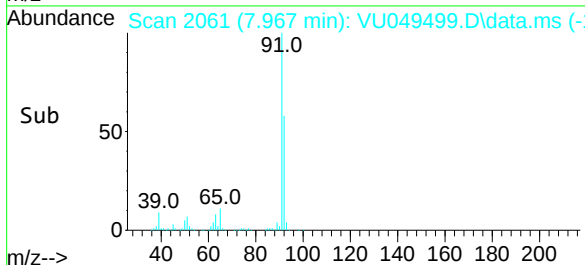
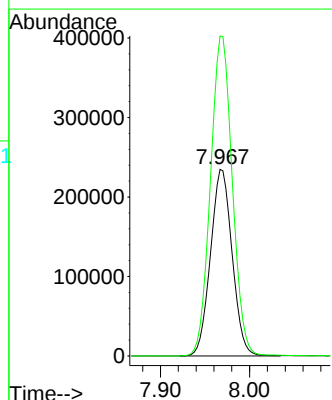
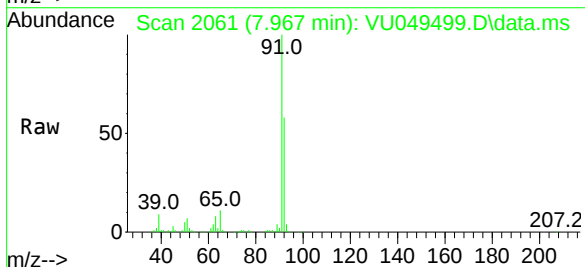
Acq: 29 Jun 2022 07:39

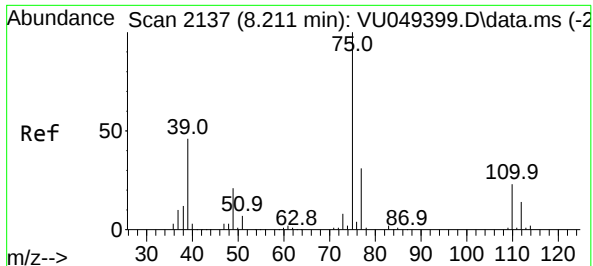
Tgt Ion: 92 Resp: 395930

Ion Ratio Lower Upper

92 100

91 173.6 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 44.666 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

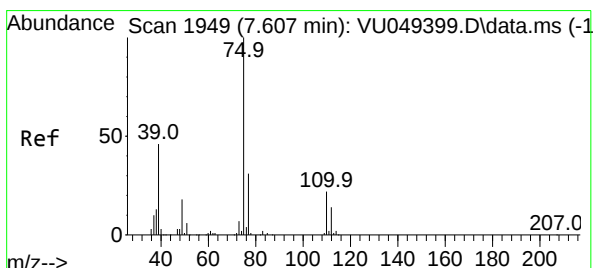
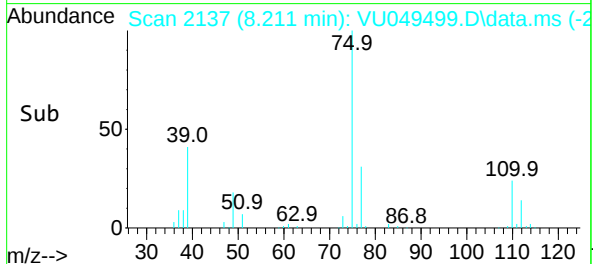
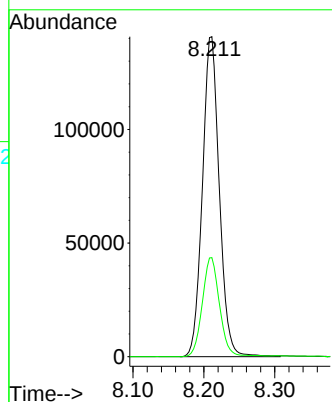
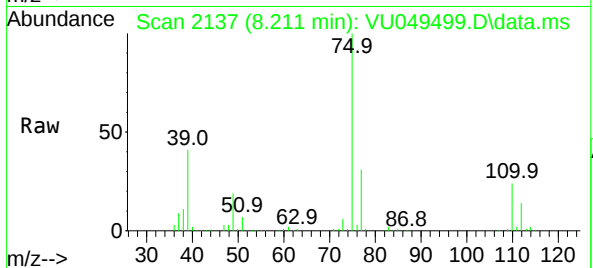
VSTDCCC050EC

Tgt Ion: 75 Resp: 232665

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 45.897 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

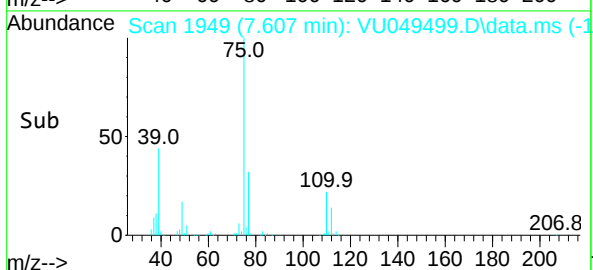
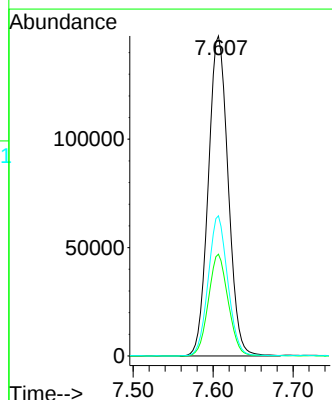
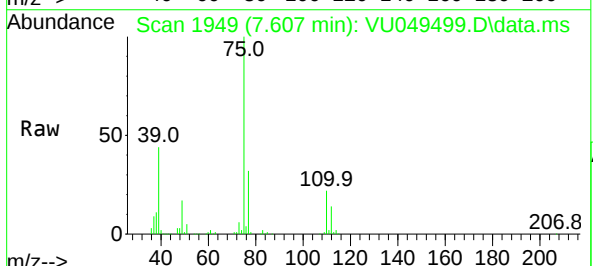
Tgt Ion: 75 Resp: 255270

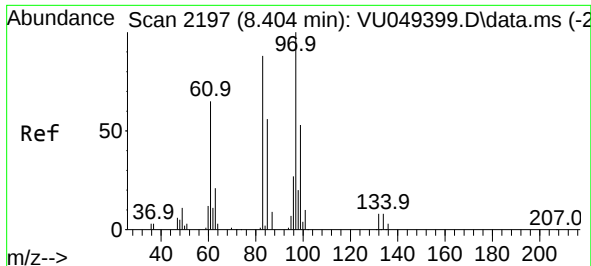
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

39 43.8 33.0 49.6



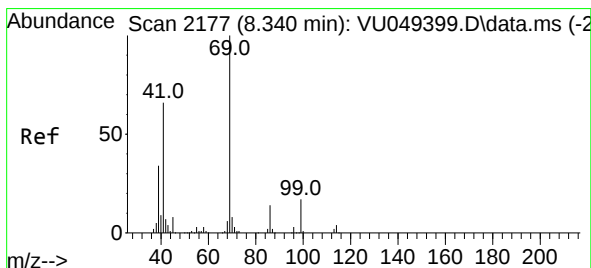
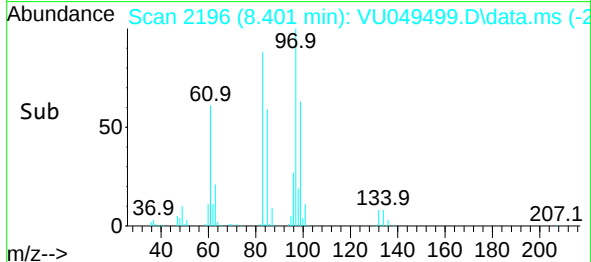
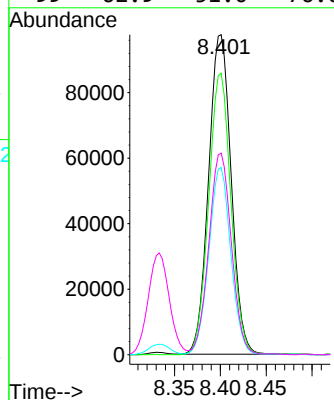
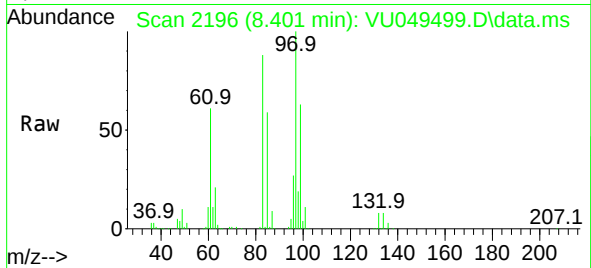


#55
1,1,2-Trichloroethane
Concen: 49.814 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 167181

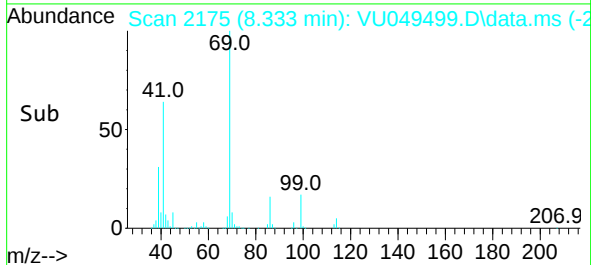
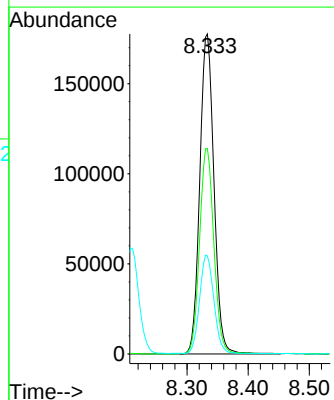
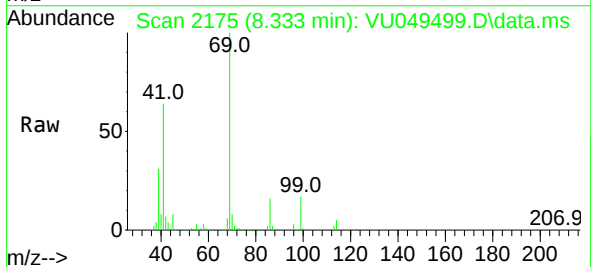
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.2	105.4
85	58.5	44.6	66.8
99	62.9	51.0	76.6

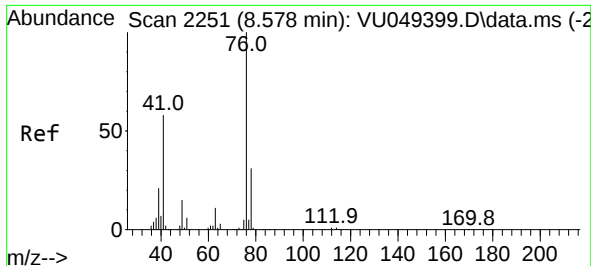


#56
Ethyl methacrylate
Concen: 50.926 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.006 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion: 69 Resp: 285859

Ion	Ratio	Lower	Upper
69	100		
41	65.2	45.4	68.0
39	30.9	25.7	38.5





#57

1,3-Dichloropropane

Concen: 48.344 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

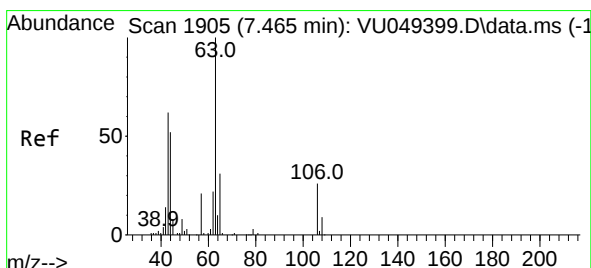
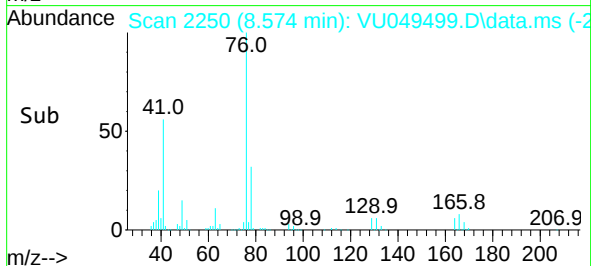
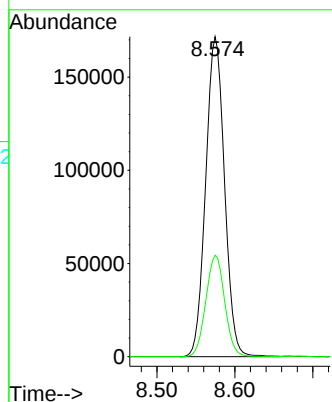
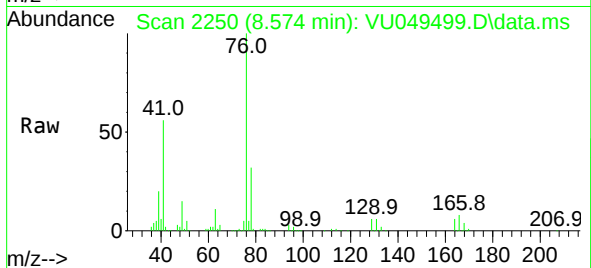
VSTDCCC050EC

Tgt Ion: 76 Resp: 287815

Ion Ratio Lower Upper

76 100

78 31.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 344.107 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VU049499.D

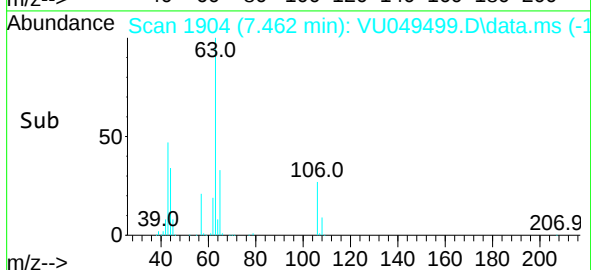
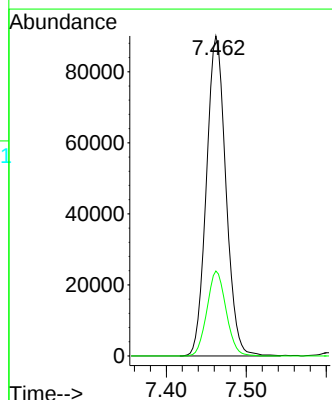
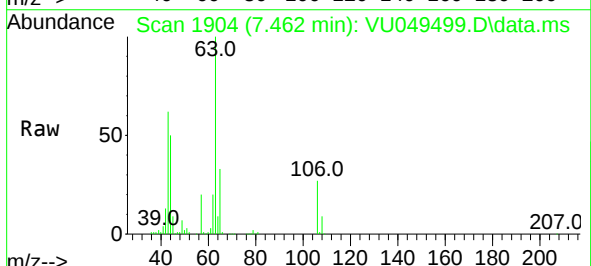
Acq: 29 Jun 2022 07:39

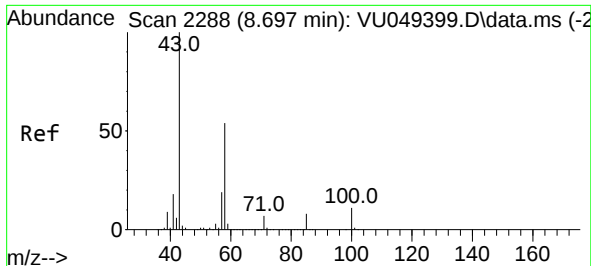
Tgt Ion: 63 Resp: 152921

Ion Ratio Lower Upper

63 100

106 26.0 23.1 34.7

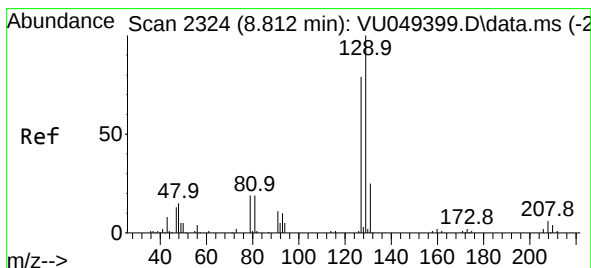
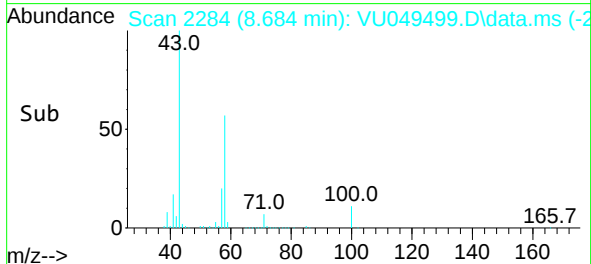
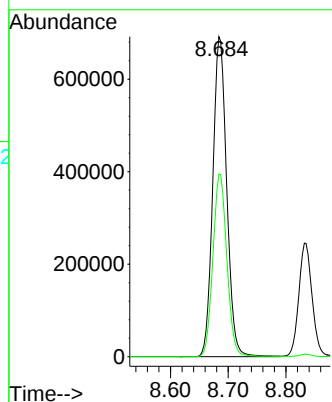
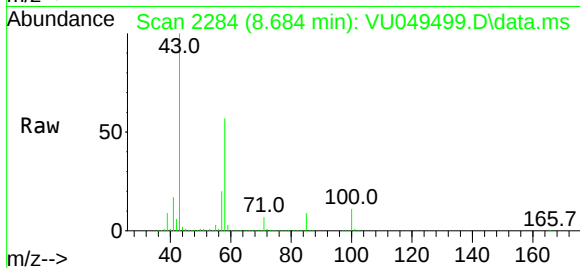




#59
2-Hexanone
Concen: 242.736 ug/l
RT: 8.684 min Scan# 211
Delta R.T. -0.013 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

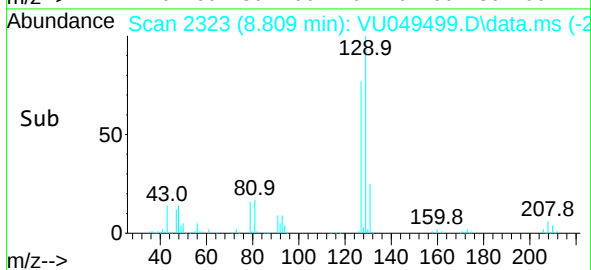
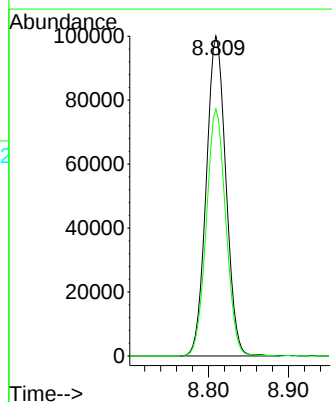
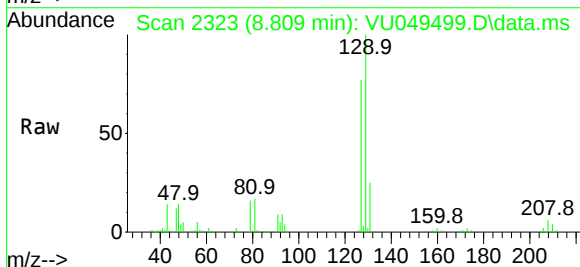
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1157057
Ion Ratio Lower Upper
43 100
58 57.4 30.3 90.8



#60
Dibromochloromethane
Concen: 48.912 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion: 129 Resp: 170704
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0

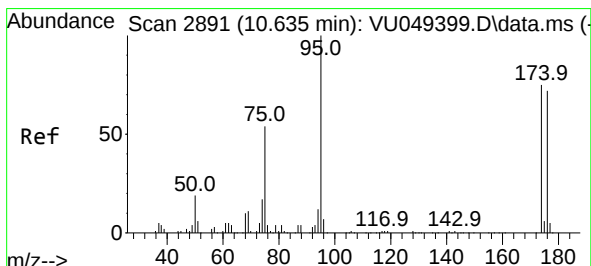
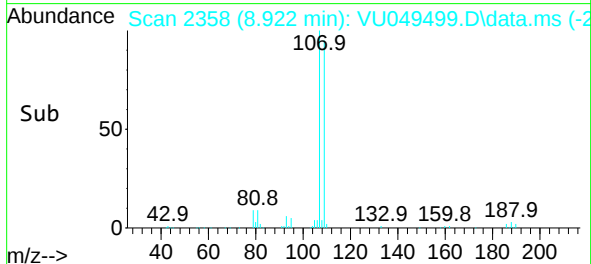
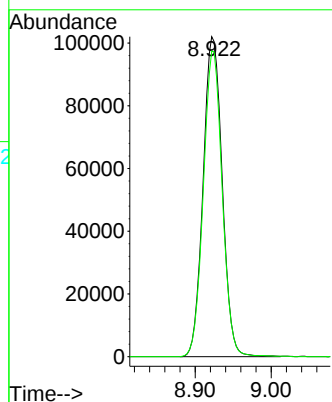
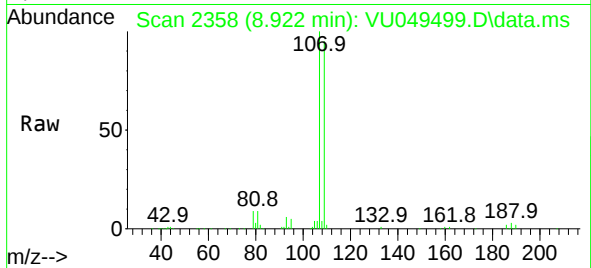




#61
1,2-Dibromoethane
Concen: 48.578 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

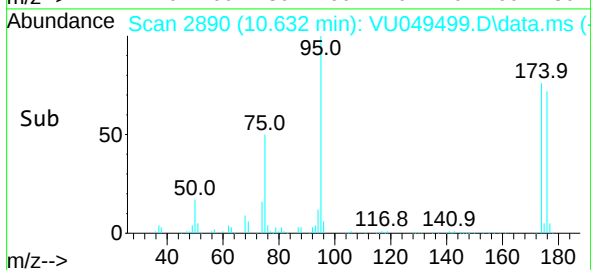
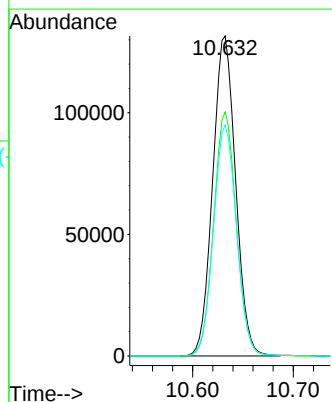
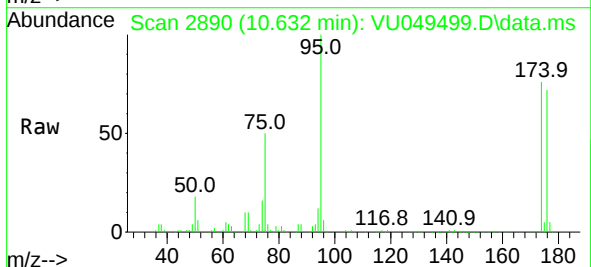
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 177668
Ion Ratio Lower Upper
107 100
109 94.5 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 48.962 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion: 95 Resp: 208698
Ion Ratio Lower Upper
95 100
174 75.4 0.0 182.0
176 72.7 0.0 177.8

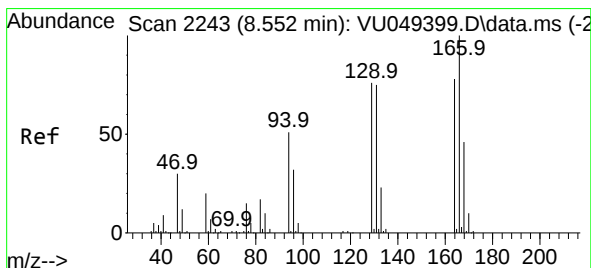
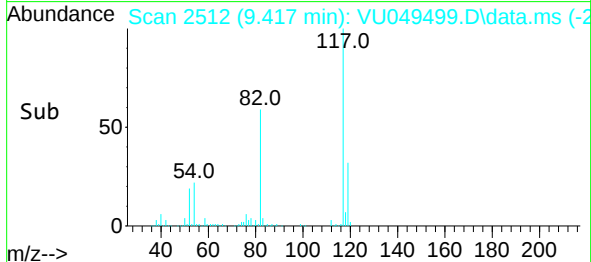
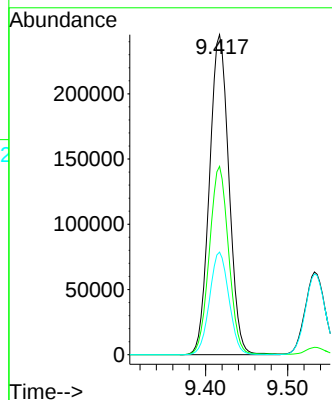
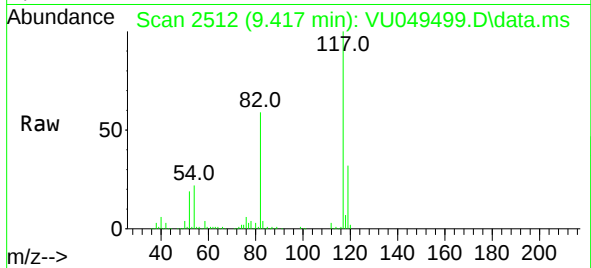




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

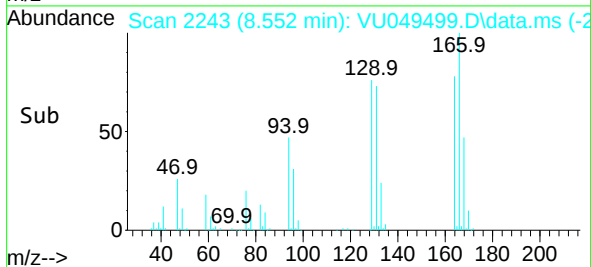
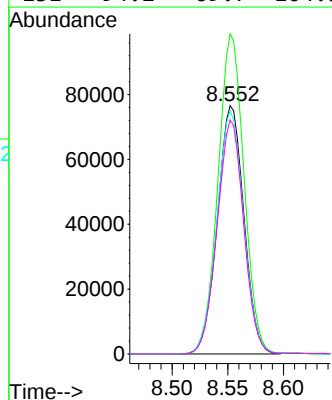
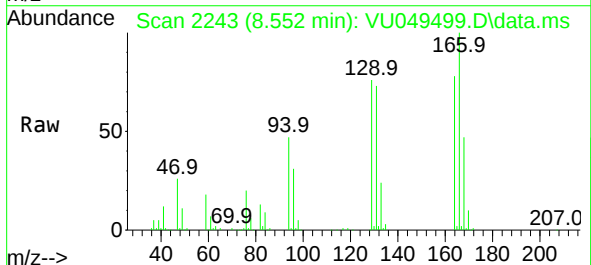
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

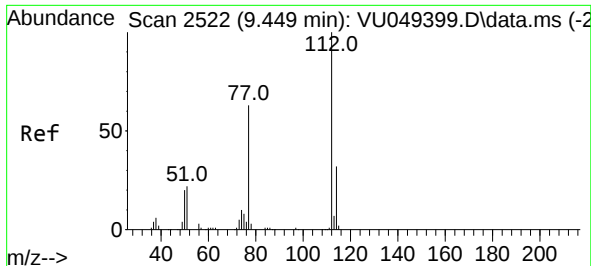
Tgt Ion:117 Resp: 404728
Ion Ratio Lower Upper
117 100
82 58.9 41.7 62.5
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 48.884 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion:164 Resp: 126898
Ion Ratio Lower Upper
164 100
166 128.8 100.0 150.0
129 97.8 72.0 108.0
131 94.2 69.7 104.5

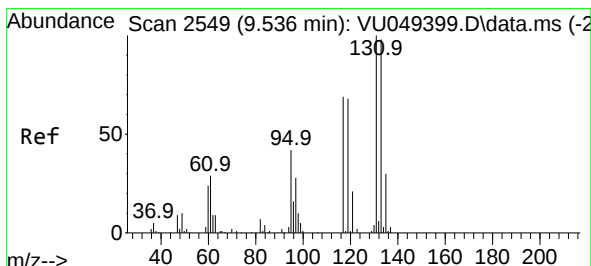
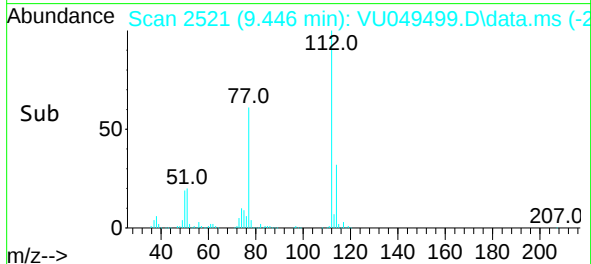
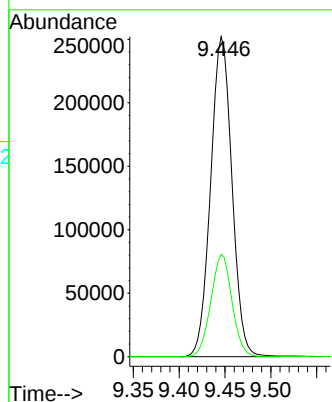
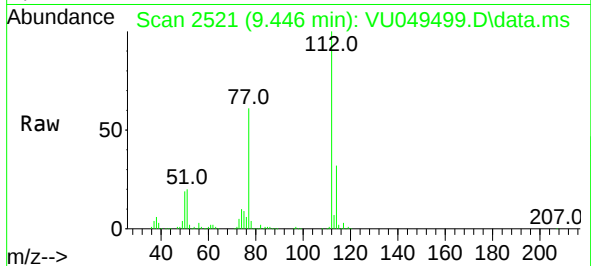




#65
Chlorobenzene
Concen: 49.224 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

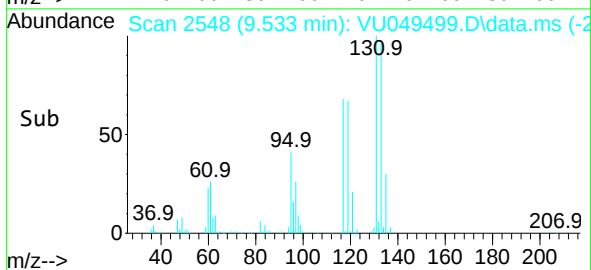
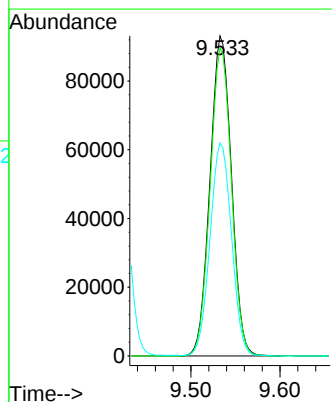
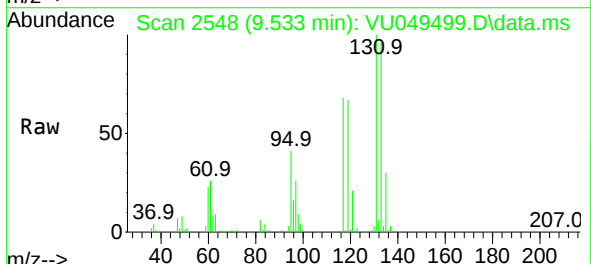
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

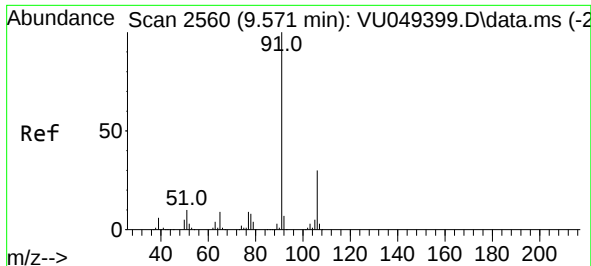
Tgt Ion:112 Resp: 407287
Ion Ratio Lower Upper
112 100
114 32.0 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.821 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion:131 Resp: 155507
Ion Ratio Lower Upper
131 100
133 95.3 48.4 145.0
119 66.9 33.9 101.6





#67

Ethyl Benzene

Concen: 49.705 ug/l

RT: 9.568 min Scan# 2559

Delta R.T. -0.003 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

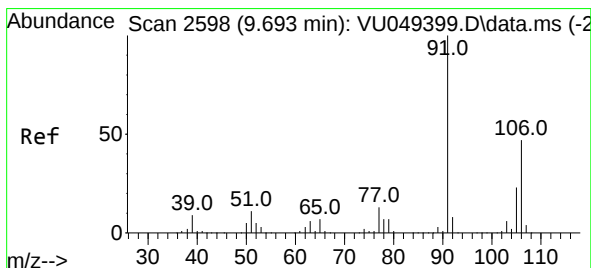
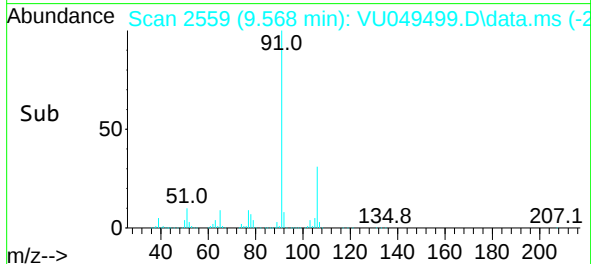
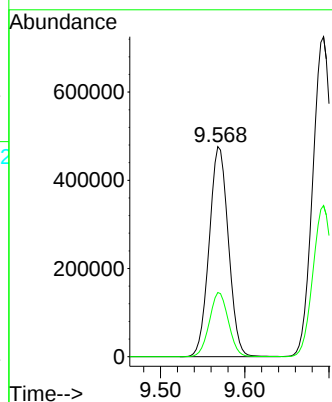
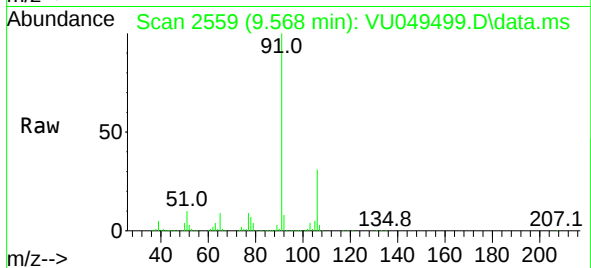
VSTDCCC050EC

Tgt Ion: 91 Resp: 755017

Ion Ratio Lower Upper

91 100

106 30.6 25.6 38.4



#68

m/p-Xylenes

Concen: 100.006 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU049499.D

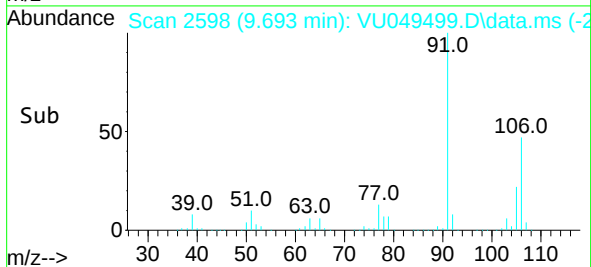
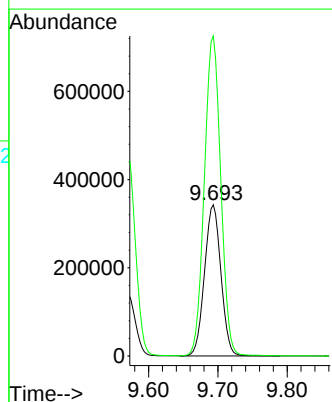
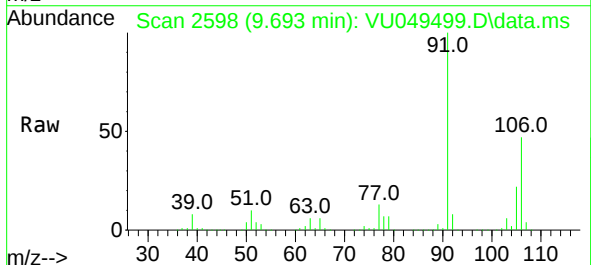
Acq: 29 Jun 2022 07:39

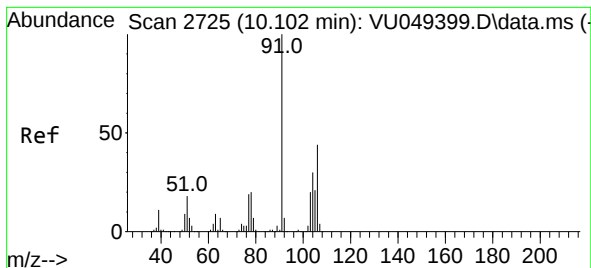
Tgt Ion:106 Resp: 562072

Ion Ratio Lower Upper

106 100

91 211.8 157.2 235.8





#69

o-Xylene

Concen: 50.283 ug/l

RT: 10.099 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

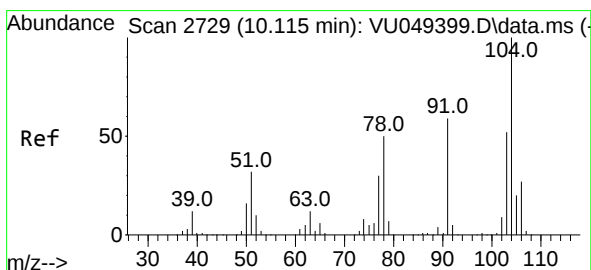
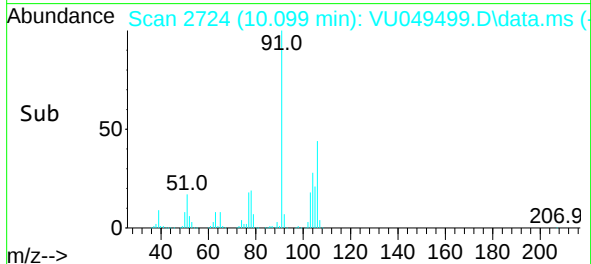
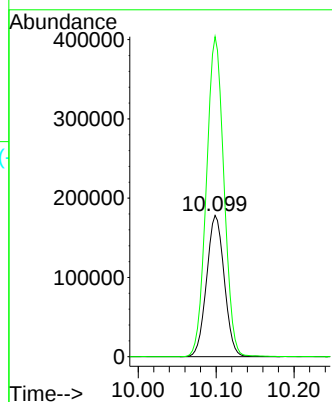
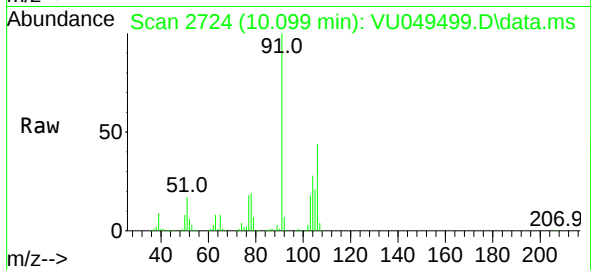
VSTDCCC050EC

Tgt Ion:106 Resp: 280561

Ion Ratio Lower Upper

106 100

91 224.9 103.5 310.5



#70

Styrene

Concen: 51.929 ug/l

RT: 10.111 min Scan# 2728

Delta R.T. -0.003 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

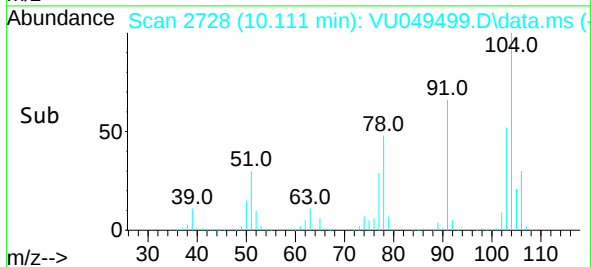
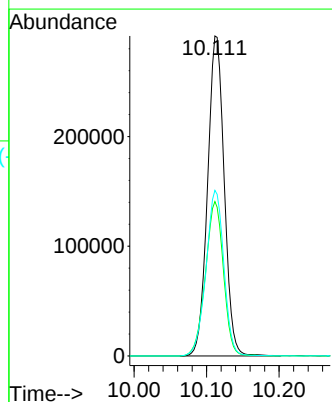
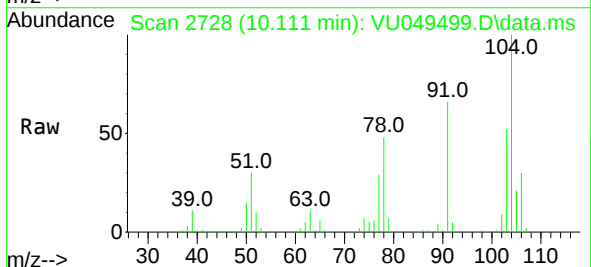
Tgt Ion:104 Resp: 465551

Ion Ratio Lower Upper

104 100

78 52.2 38.0 57.0

103 55.5 43.9 65.9





#71

Bromoform

Concen: 50.397 ug/l

RT: 10.291 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

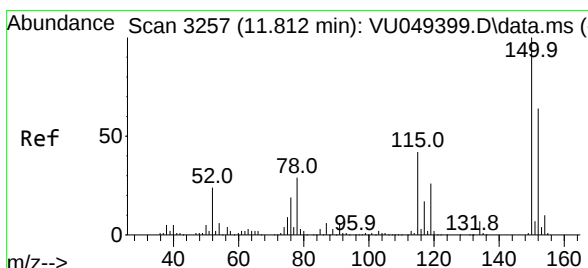
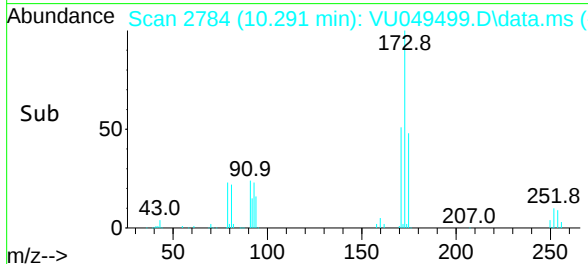
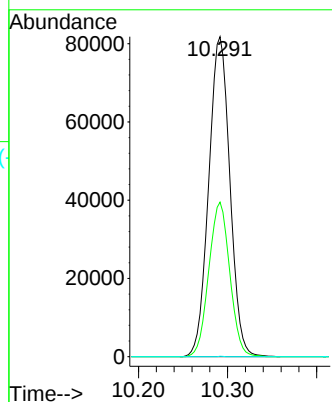
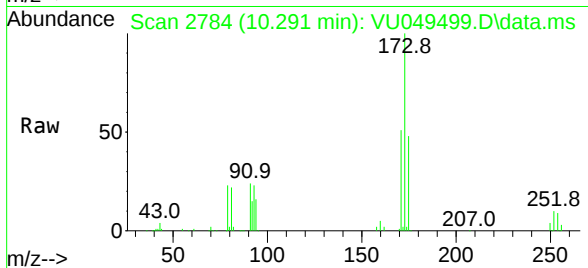
Tgt Ion:173 Resp: 134914

Ion Ratio Lower Upper

173 100

175 47.8 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: VU049499.D

Acq: 29 Jun 2022 07:39

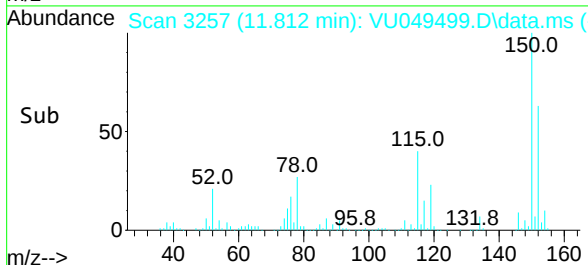
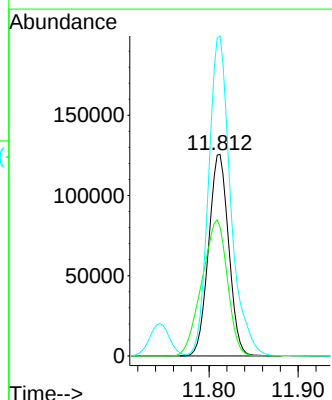
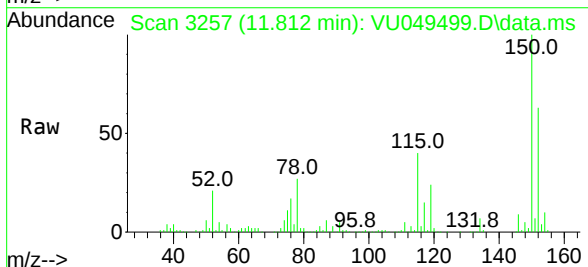
Tgt Ion:152 Resp: 196003

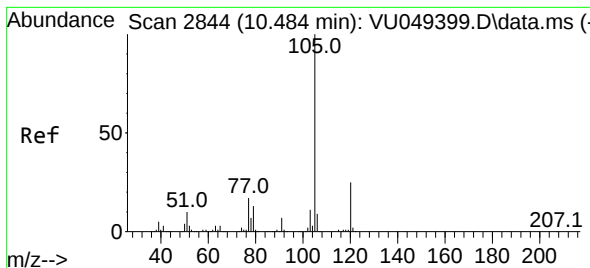
Ion Ratio Lower Upper

152 100

115 85.8 37.0 110.9

150 174.0 0.0 342.2





#73

Isopropylbenzene

Concen: 52.545 ug/l

RT: 10.481 min Scan# 2844

Delta R.T. -0.003 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

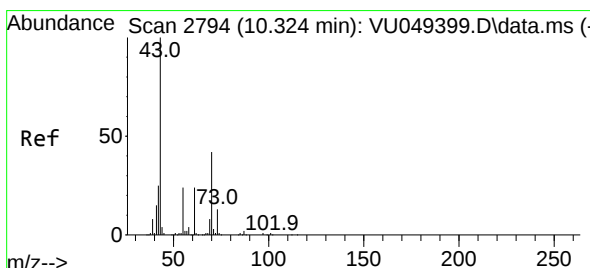
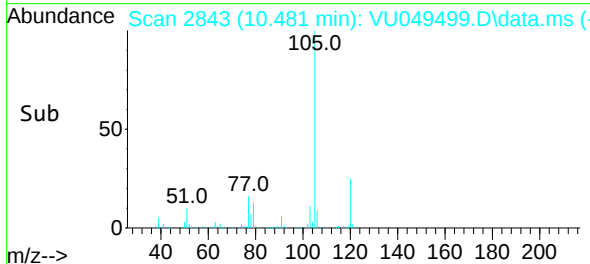
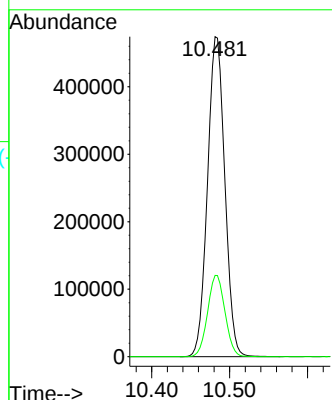
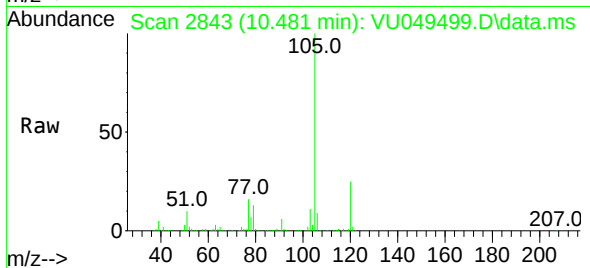
VSTDCCC050EC

Tgt Ion:105 Resp: 733665

Ion Ratio Lower Upper

105 100

120 25.5 13.8 41.4



#74

N-ethyl acetate

Concen: 50.846 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. -0.003 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Tgt Ion: 43 Resp: 375742

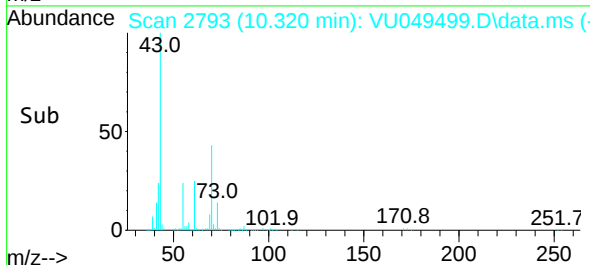
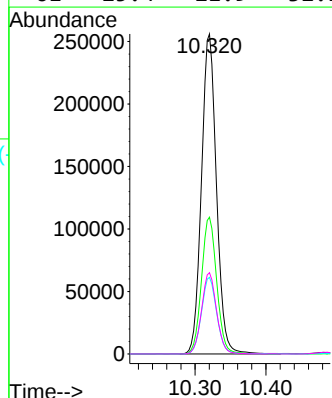
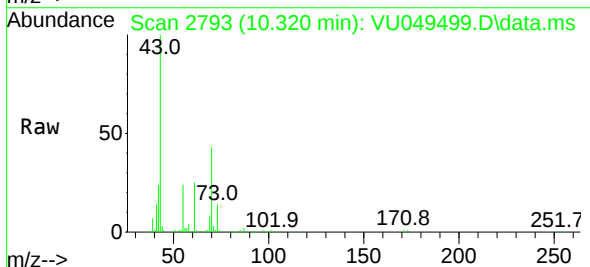
Ion Ratio Lower Upper

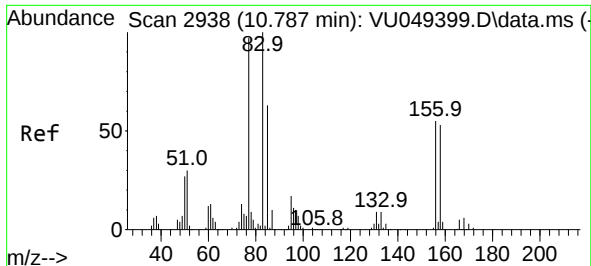
43 100

70 43.3 38.7 58.1

55 24.4 21.8 32.8

61 25.4 21.9 32.9

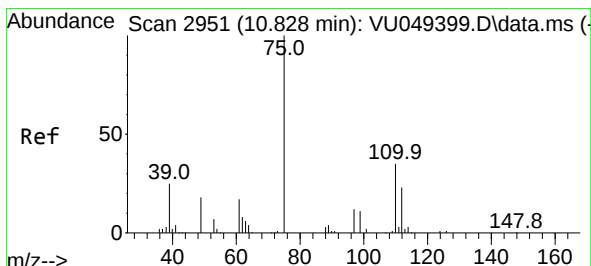
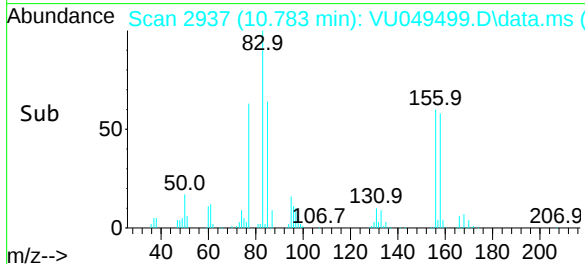
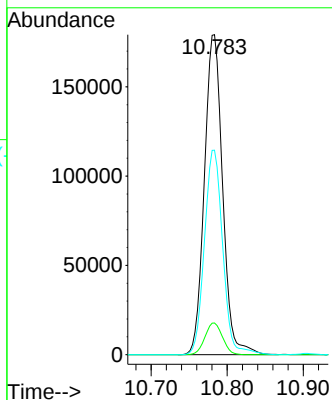
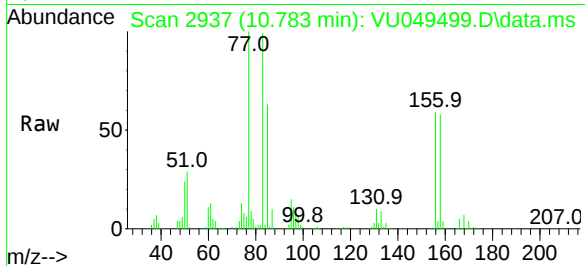




#75
1,1,2,2-Tetrachloroethane
Concen: 50.559 ug/l
RT: 10.783 min Scan# 2938
Delta R.T. -0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

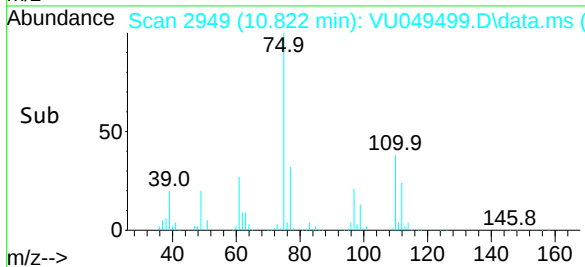
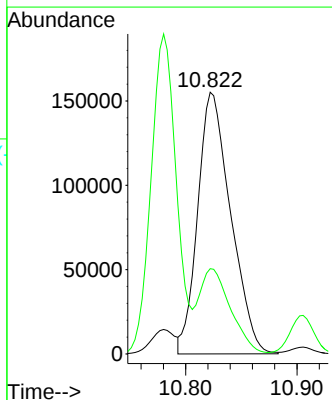
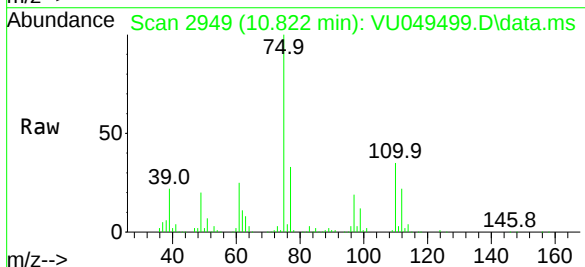
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

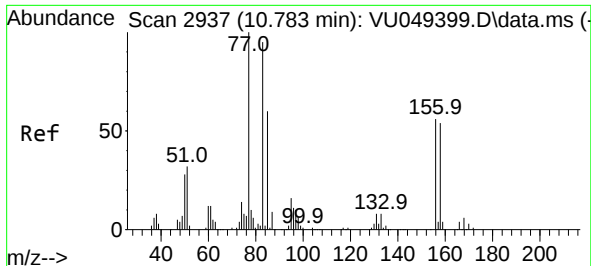
Tgt Ion: 83 Resp: 299030
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.4
85 64.0 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 48.055 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.006 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion: 75 Resp: 319294
Ion Ratio Lower Upper
75 100
77 31.1 15.8 47.3

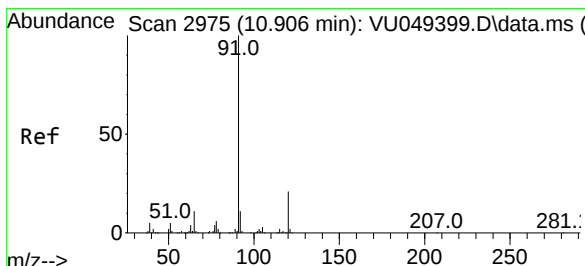
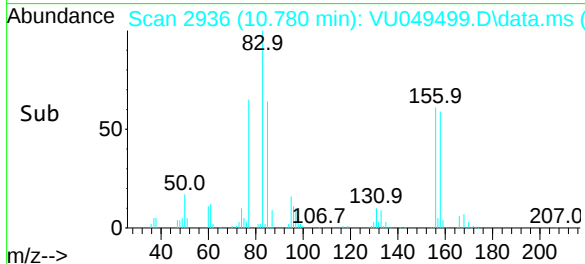
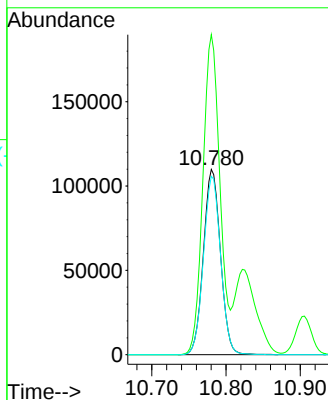
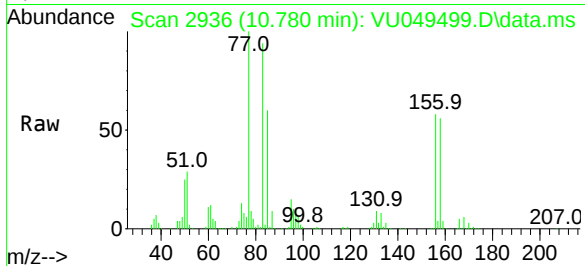




#77
Bromobenzene
Concen: 51.332 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

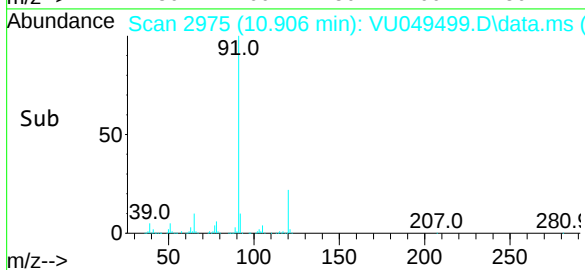
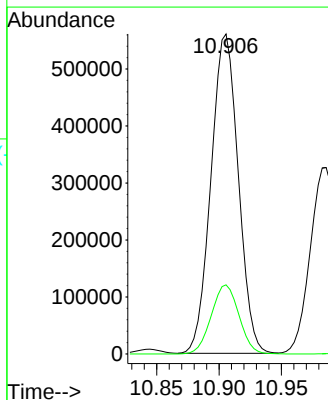
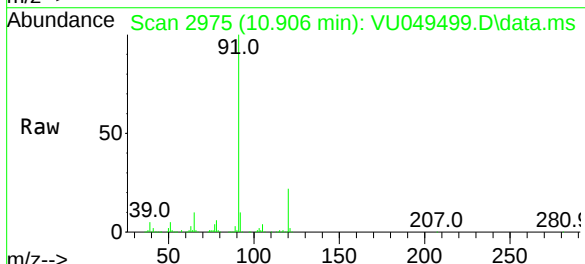
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

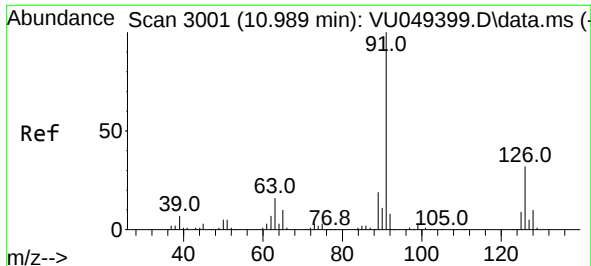
Tgt Ion:156 Resp: 174946
Ion Ratio Lower Upper
156 100
77 172.0 71.9 215.6
158 96.7 48.9 146.8



#78
n-propylbenzene
Concen: 50.381 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion: 91 Resp: 854761
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.5





#79

2-Chlorotoluene

Concen: 49.372 ug/l

RT: 10.986 min Scan# 3000

Delta R.T. -0.003 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

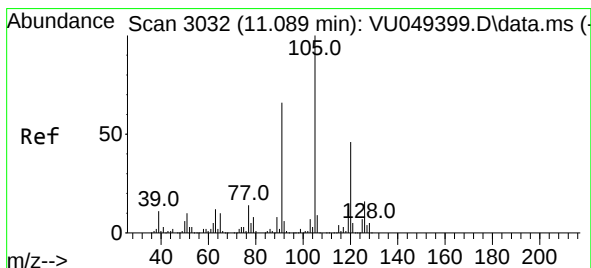
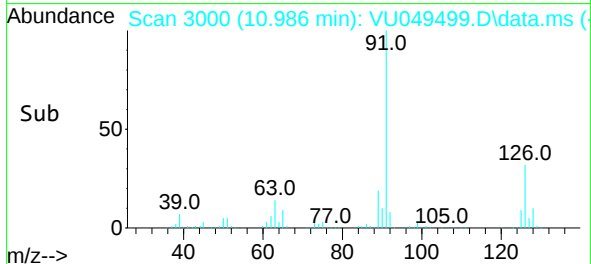
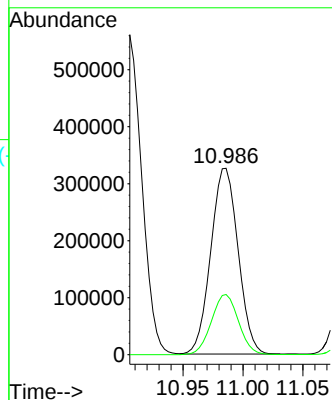
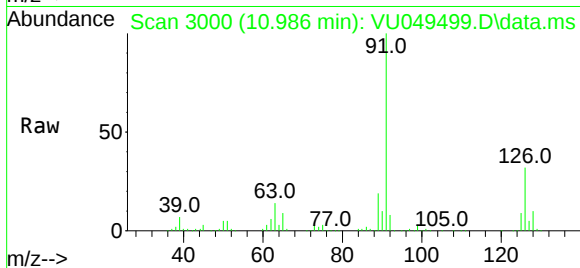
VSTDCCC050EC

Tgt Ion: 91 Resp: 516076

Ion Ratio Lower Upper

91 100

126 32.2 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 51.051 ug/l

RT: 11.086 min Scan# 3031

Delta R.T. -0.003 min

Lab File: VU049499.D

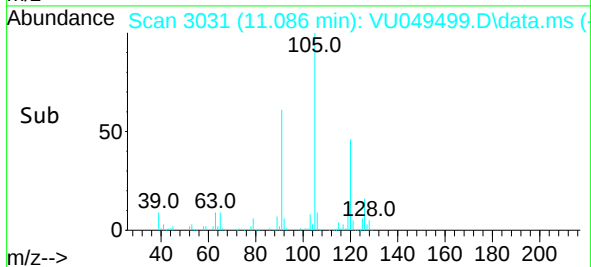
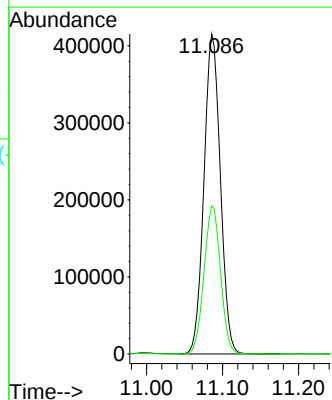
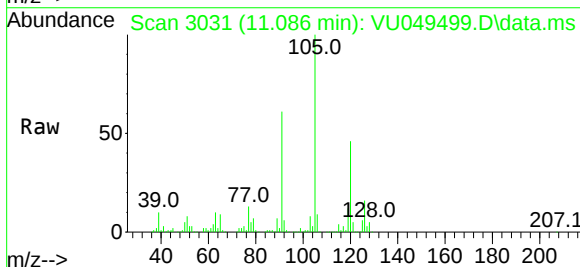
Acq: 29 Jun 2022 07:39

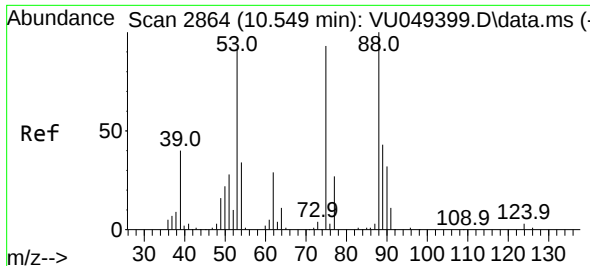
Tgt Ion:105 Resp: 622290

Ion Ratio Lower Upper

105 100

120 46.7 25.3 75.9

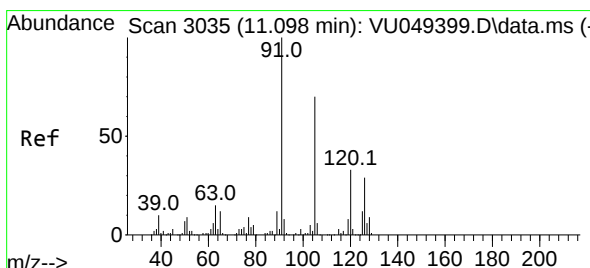
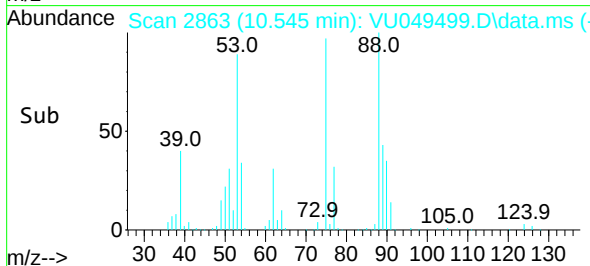
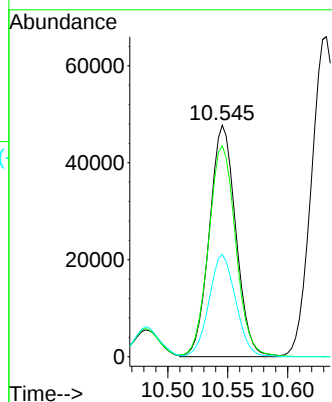
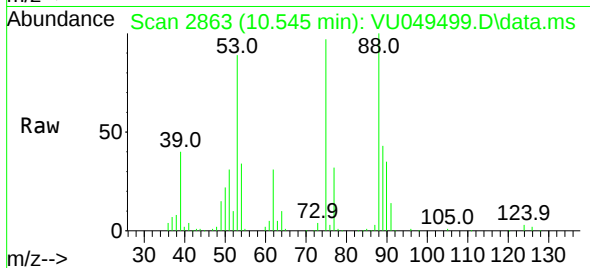




#81
trans-1,4-Dichloro-2-butene
Concen: 40.625 ug/l
RT: 10.545 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

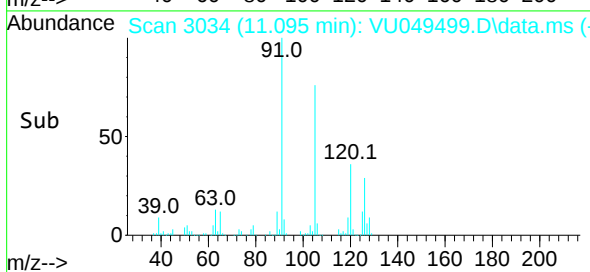
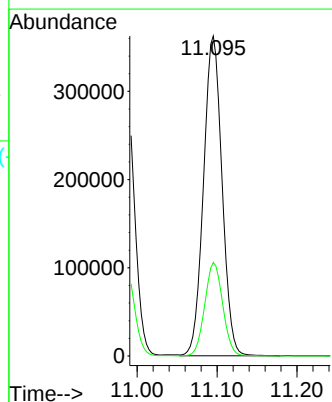
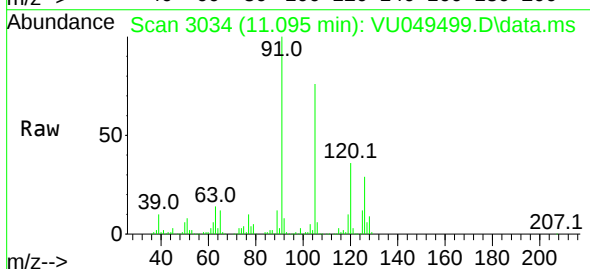
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

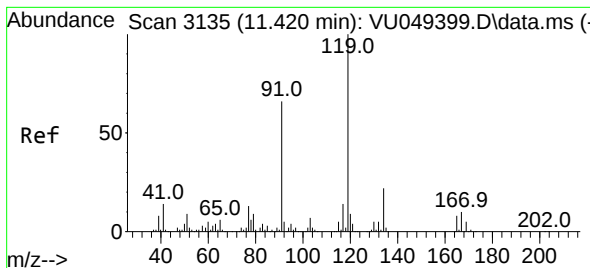
Tgt Ion:	75	Resp:	73094
Ion	Ratio	Lower	Upper
75	100		
53	93.9	69.2	103.8
89	44.6	37.0	55.6



#82
4-Chlorotoluene
Concen: 49.621 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion:	91	Resp:	583357
Ion	Ratio	Lower	Upper
91	100		
126	28.5	16.1	48.2





#83

tert-Butylbenzene

Concen: 51.486 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

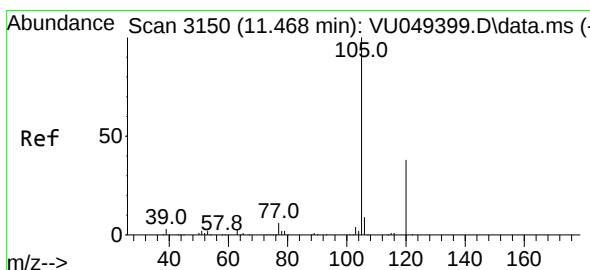
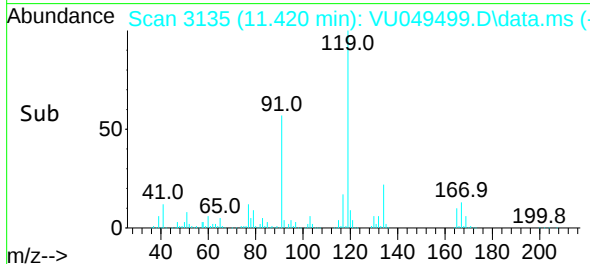
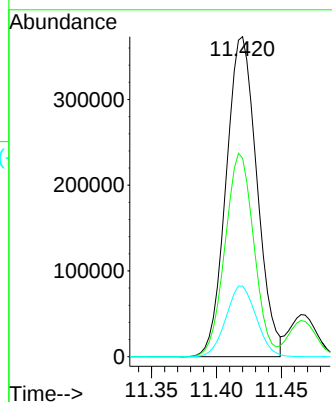
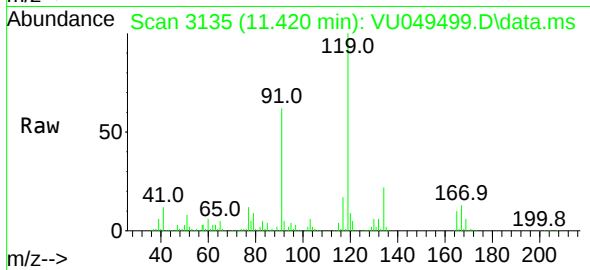
Tgt Ion:119 Resp: 617279

Ion Ratio Lower Upper

119 100

91 59.3 26.8 80.3

134 21.7 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 51.574 ug/l

RT: 11.465 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VU049499.D

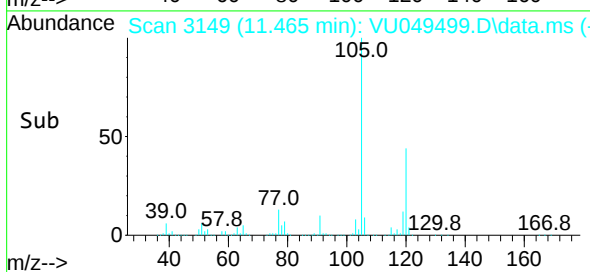
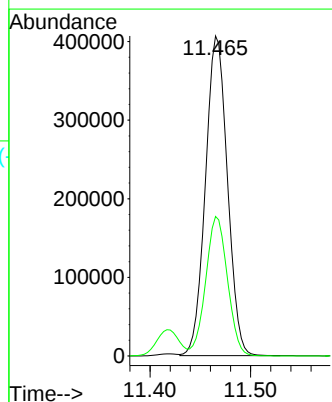
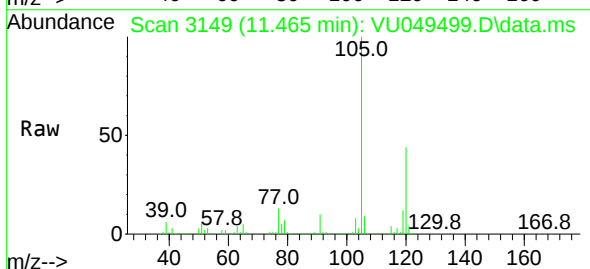
Acq: 29 Jun 2022 07:39

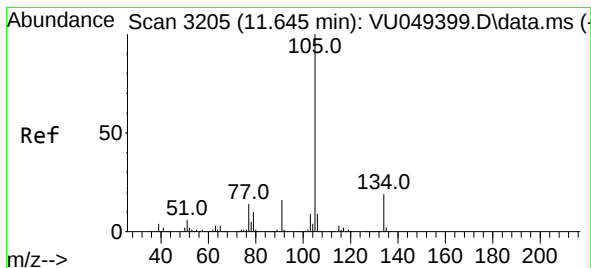
Tgt Ion:105 Resp: 617600

Ion Ratio Lower Upper

105 100

120 43.1 23.4 70.3





#85

sec-Butylbenzene

Concen: 50.058 ug/l

RT: 11.642 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

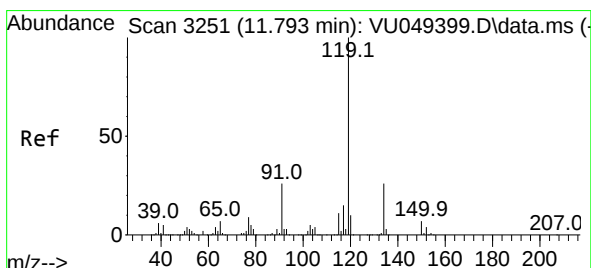
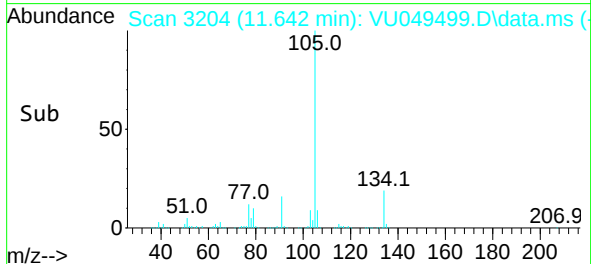
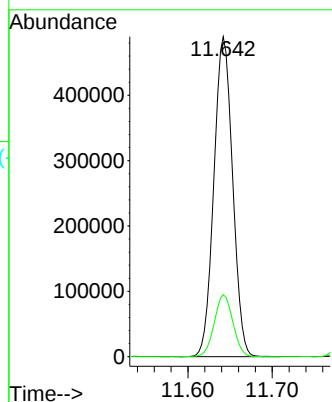
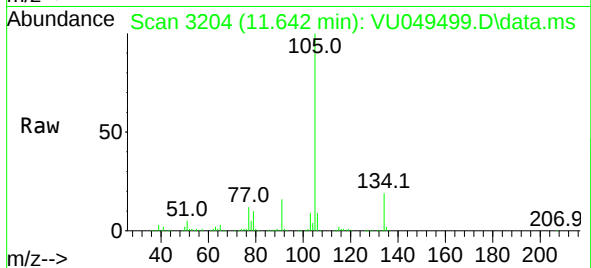
VSTDCCC050EC

Tgt Ion:105 Resp: 754566

Ion Ratio Lower Upper

105 100

134 19.3 10.4 31.1



#86

p-Isopropyltoluene

Concen: 49.899 ug/l

RT: 11.793 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

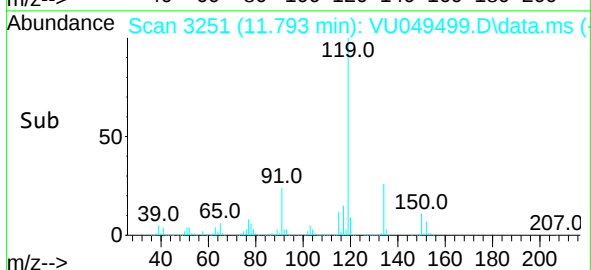
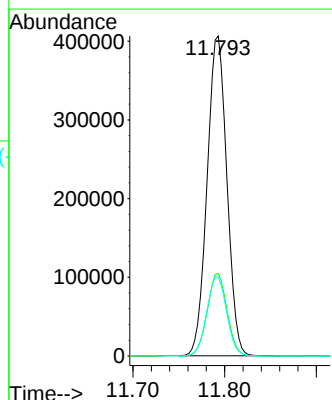
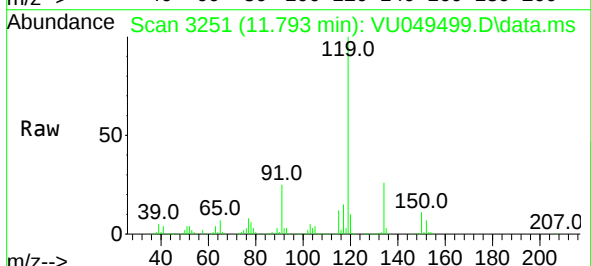
Tgt Ion:119 Resp: 608279

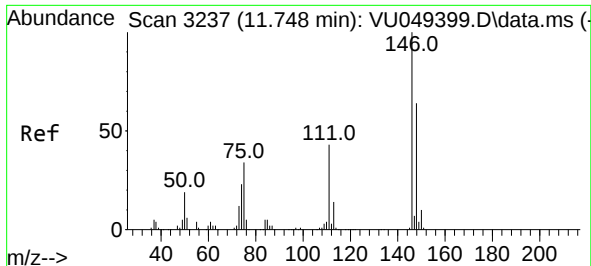
Ion Ratio Lower Upper

119 100

134 25.8 13.5 40.4

91 24.9 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 48.352 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

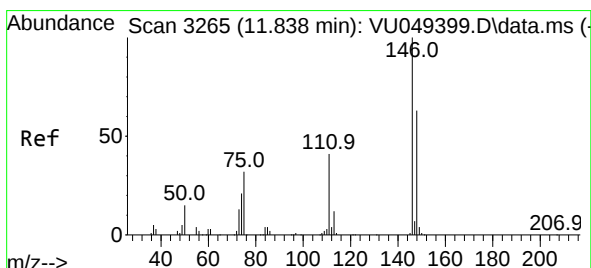
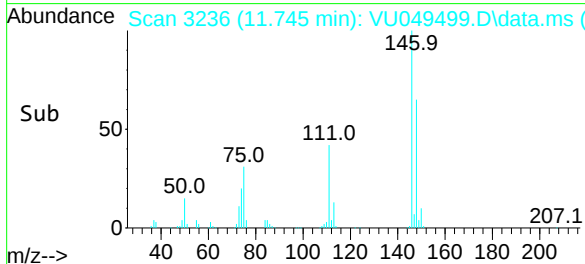
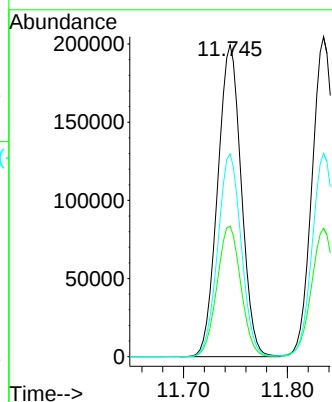
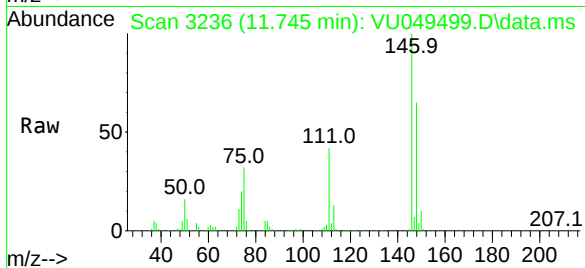
Tgt Ion:146 Resp: 315051

Ion Ratio Lower Upper

146 100

111 42.2 18.9 56.5

148 64.7 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 48.402 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.003 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

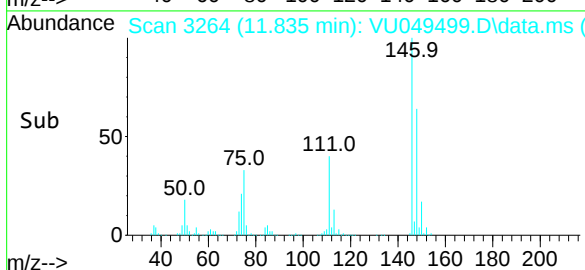
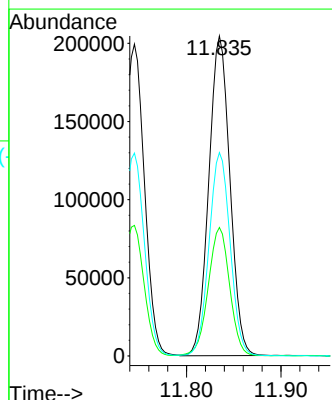
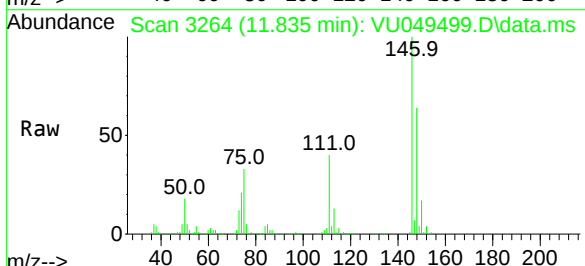
Tgt Ion:146 Resp: 316983

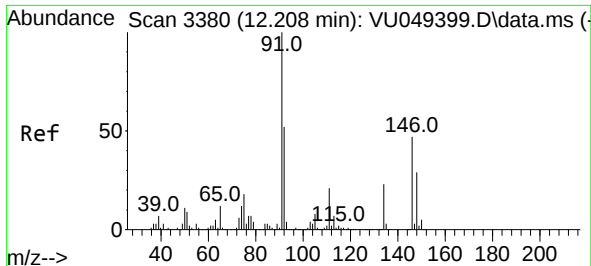
Ion Ratio Lower Upper

146 100

111 40.8 18.5 55.5

148 64.1 31.9 95.7

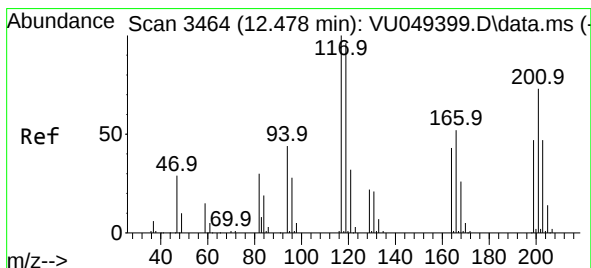
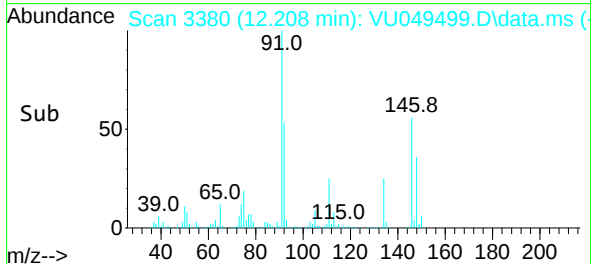
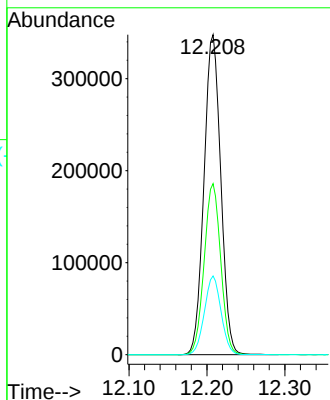
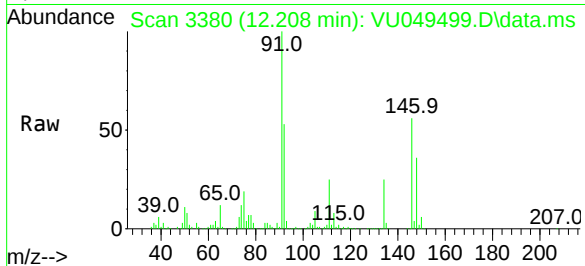




#89
n-Butylbenzene
Concen: 46.127 ug/l
RT: 12.208 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

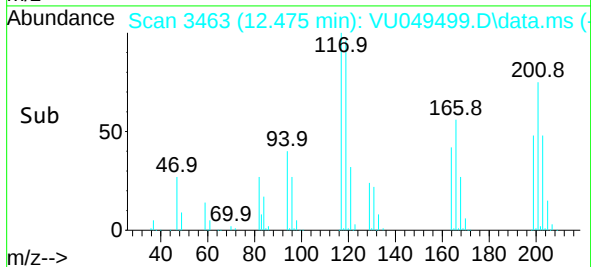
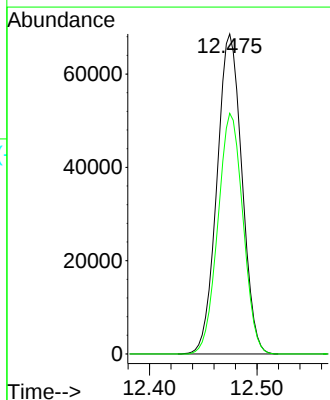
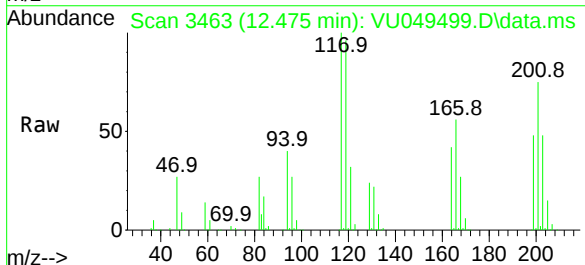
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

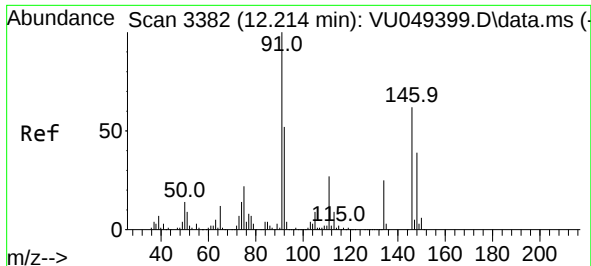
Tgt Ion: 91 Resp: 520513
Ion Ratio Lower Upper
91 100
92 52.8 26.2 78.6
134 24.4 13.5 40.4



#90
Hexachloroethane
Concen: 45.610 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion: 117 Resp: 110742
Ion Ratio Lower Upper
117 100
201 75.5 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 49.730 ug/l

RT: 12.211 min Scan# 3382

Delta R.T. -0.003 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

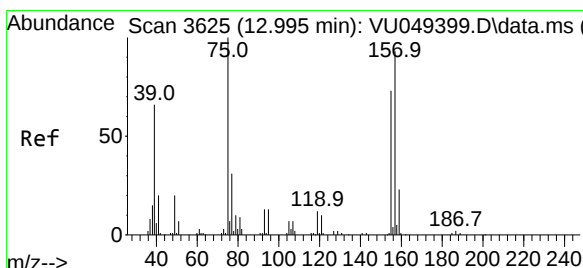
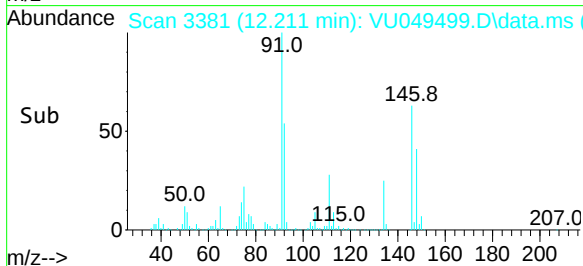
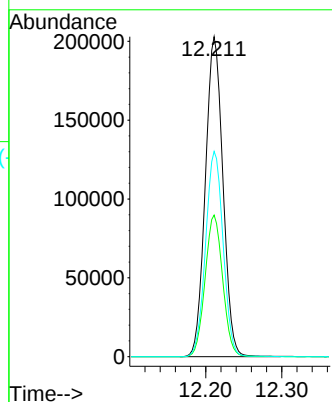
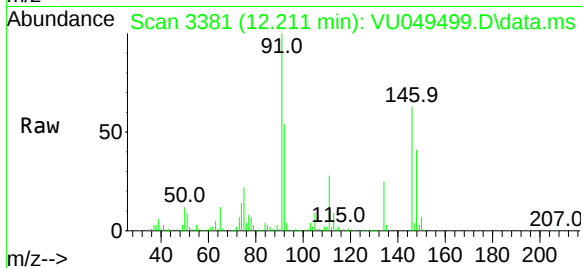
Tgt Ion:146 Resp: 325576

Ion Ratio Lower Upper

146 100

111 44.3 19.9 59.6

148 64.0 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.729 ug/l

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

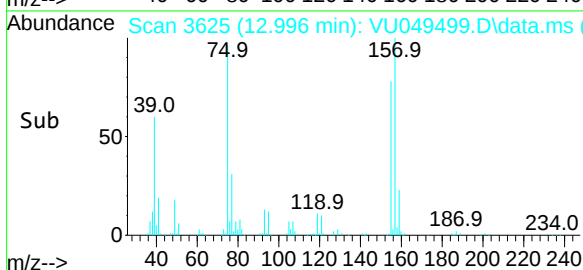
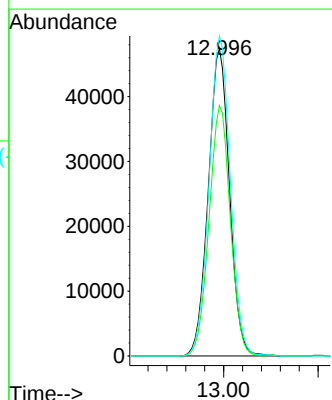
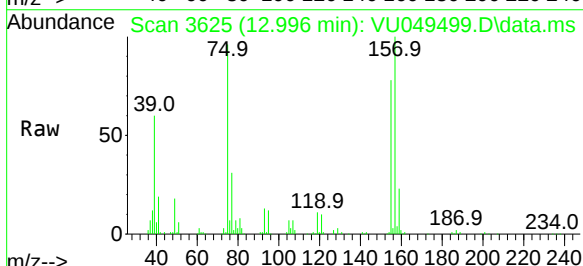
Tgt Ion: 75 Resp: 73901

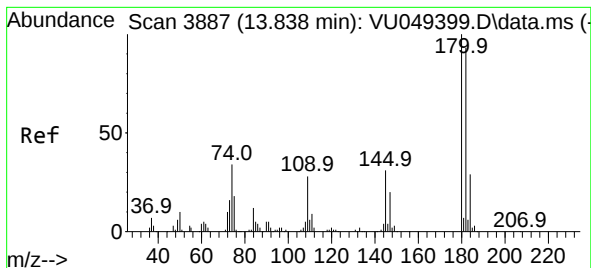
Ion Ratio Lower Upper

75 100

155 81.8 47.8 143.4

157 104.6 62.2 186.5





#93

1,2,4-Trichlorobenzene

Concen: 46.116 ug/l

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

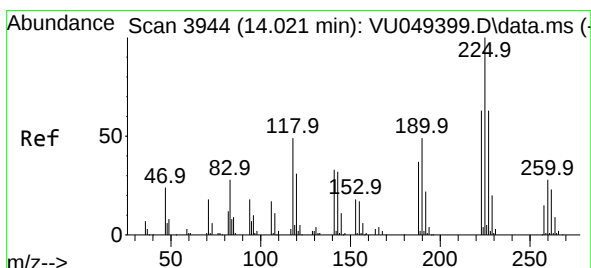
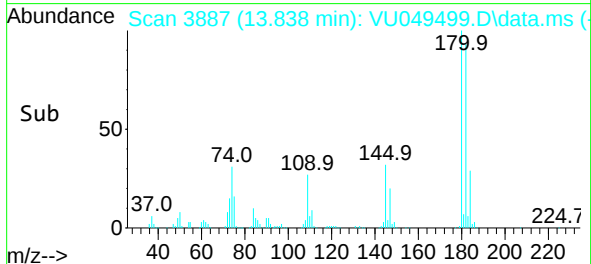
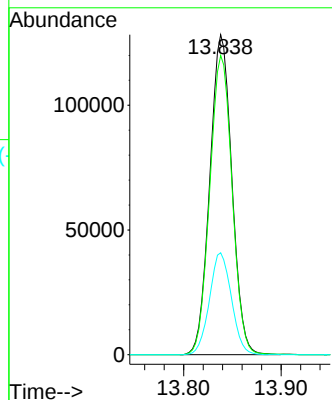
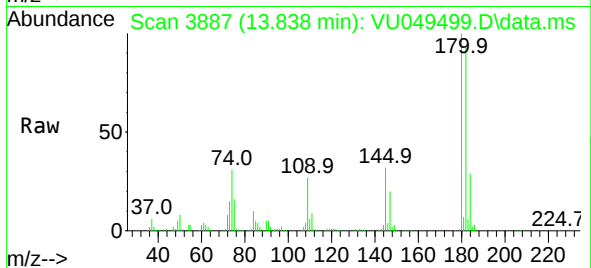
Tgt Ion:180 Resp: 201994

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.6

145 31.7 14.0 41.9



#94

Hexachlorobutadiene

Concen: 42.566 ug/l

RT: 14.018 min Scan# 3943

Delta R.T. -0.003 min

Lab File: VU049499.D

Acq: 29 Jun 2022 07:39

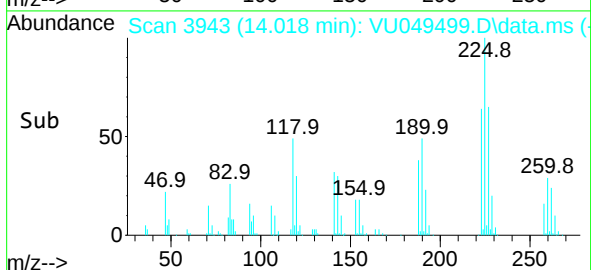
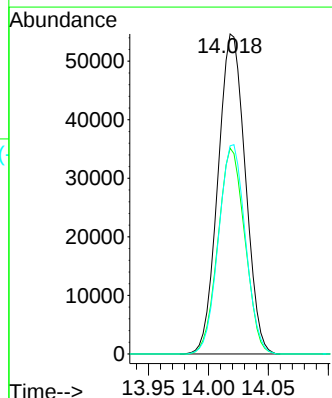
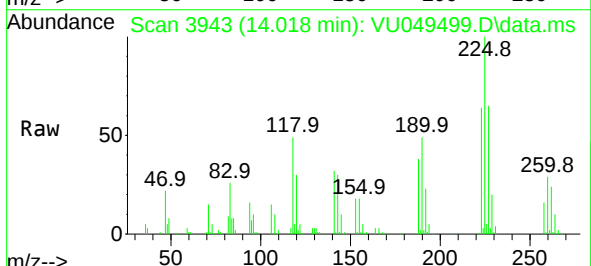
Tgt Ion:225 Resp: 86446

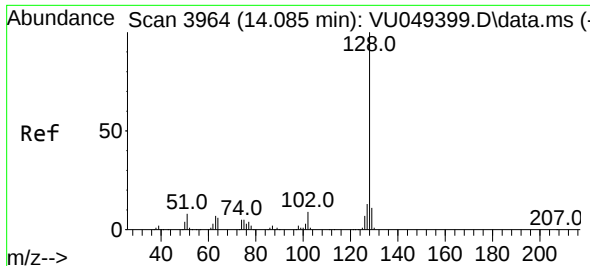
Ion Ratio Lower Upper

225 100

223 63.2 31.3 93.9

227 64.4 32.0 96.2

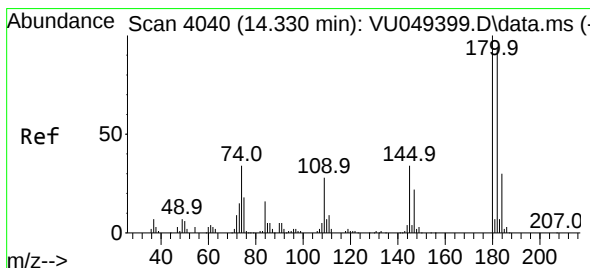
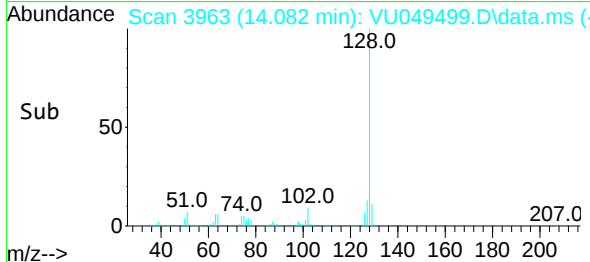
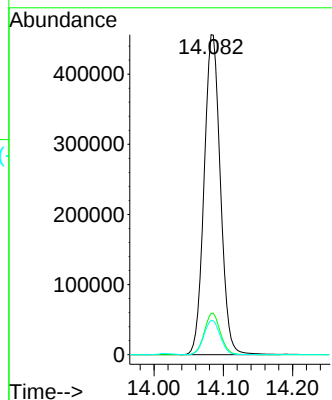
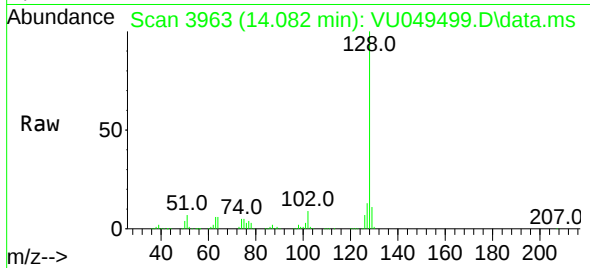




#95
Naphthalene
Concen: 48.490 ug/l
RT: 14.082 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 743251
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 45.883 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VU049499.D
Acq: 29 Jun 2022 07:39

Tgt Ion:180 Resp: 206798
Ion Ratio Lower Upper
180 100
182 95.6 48.4 145.0
145 33.7 14.8 44.4

