

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045454.D
 Acq On : 29 Oct 2021 10:26
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDC0050

Quant Time: Oct 30 04:02:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	193570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	346298	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	330622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	162730	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	159756	50.694	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.380%	
35) Dibromofluoromethane	5.295	113	116289	52.812	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.620%	
50) Toluene-d8	7.903	98	455140	52.711	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.420%	
62) 4-Bromofluorobenzene	10.636	95	177261	53.874	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.740%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.385	85	142158	50.134	ug/l	100
3) Chloromethane	1.520	50	185293	48.106	ug/l	99
4) Vinyl Chloride	1.607	62	162900	50.945	ug/l	100
5) Bromomethane	1.861	94	95865	49.386	ug/l	100
6) Chloroethane	1.935	64	98673	51.218	ug/l	98
7) Trichlorofluoromethane	2.141	101	188771	52.728	ug/l	100
8) Diethyl Ether	2.379	74	87511	52.722	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	115420	53.662	ug/l	98
10) Methyl Iodide	2.726	142	99460	48.310	ug/l	99
11) Tert butyl alcohol	3.227	59	181779	267.230	ug/l	99
12) 1,1-Dichloroethene	2.584	96	112833	51.021	ug/l	99
13) Acrolein	2.491	56	36757	241.432	ug/l	100
14) Allyl chloride	2.928	41	213759	52.639	ug/l	100
15) Acrylonitrile	3.324	53	423120	256.557	ug/l	99
16) Acetone	2.646	43	450312	314.754	ug/l	100
17) Carbon Disulfide	2.797	76	334404	51.959	ug/l	99
18) Methyl Acetate	2.954	43	269229	50.534	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	429554	52.792	ug/l	99
20) Methylene Chloride	3.051	84	136528	47.890	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	123226	51.707	ug/l	97
22) Diisopropyl ether	3.996	45	423387	53.316	ug/l	99
23) Vinyl Acetate	3.961	43	1652524	268.275	ug/l	100
24) 1,1-Dichloroethane	3.874	63	240792	51.745	ug/l	99
25) 2-Butanone	4.710	43	616469	285.429	ug/l	100
26) 2,2-Dichloropropane	4.671	77	200249	55.547	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	143526	52.337	ug/l	98
28) Bromochloromethane	4.980	49	115358	50.258	ug/l	100
29) Tetrahydrofuran	5.057	42	360008	257.026	ug/l	100
30) Chloroform	5.092	83	234399	51.950	ug/l	100
31) Cyclohexane	5.391	56	233376	49.741	ug/l	99
32) 1,1,1-Trichloroethane	5.321	97	193683	52.304	ug/l	99
36) 1,1-Dichloropropene	5.530	75	178393	54.116	ug/l	100
37) Ethyl Acetate	4.806	43	210431	52.709	ug/l	99
38) Carbon Tetrachloride	5.530	117	154980	53.906	ug/l	98
39) Methylcyclohexane	6.768	83	230348	56.192	ug/l	98
40) Benzene	5.777	78	529384	53.349	ug/l	99

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 ClientSampleId :
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	117403	55.567	ug/l	98
42) 1,2-Dichloroethane	5.797	62	194050	53.245	ug/l	100
43) Isopropyl Acetate	5.915	43	326476	54.263	ug/l	99
44) Trichloroethene	6.546	130	123520	53.707	ug/l	100
45) 1,2-Dichloropropane	6.796	63	139817	53.539	ug/l	98
46) Dibromomethane	6.922	93	93871	55.205	ug/l	99
47) Bromodichloromethane	7.108	83	184344	55.086	ug/l	98
48) Methyl methacrylate	6.964	41	155691	54.595	ug/l	100
49) 1,4-Dioxane	7.018	88	89278	1231.849	ug/l #	99
51) 4-Methyl-2-Pentanone	7.793	43	1047304	269.320	ug/l	100
52) Toluene	7.973	92	329517	54.627	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	215232	56.429	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	229186	56.108	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	133209	54.063	ug/l	99
56) Ethyl methacrylate	8.337	69	225454	50.005	ug/l	100
57) 1,3-Dichloropropane	8.581	76	236360	54.041	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	598837	265.149	ug/l	99
59) 2-Hexanone	8.687	43	849625	281.994	ug/l	100
60) Dibromochloromethane	8.812	129	129410	54.726	ug/l	100
61) 1,2-Dibromoethane	8.928	107	140534	54.453	ug/l	99
64) Tetrachloroethene	8.558	164	100479	53.166	ug/l	99
65) Chlorobenzene	9.452	112	331211	52.837	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	113885	53.848	ug/l	99
67) Ethyl Benzene	9.575	91	628104	54.699	ug/l	99
68) m/p-Xylenes	9.697	106	479309	110.580	ug/l	99
69) o-Xylene	10.105	106	232565	55.025	ug/l	98
70) Styrene	10.118	104	398850	51.017	ug/l	100
71) Bromoform	10.295	173	94888	49.619	ug/l #	100
73) Isopropylbenzene	10.488	105	605302	55.164	ug/l	100
74) N-amyl acetate	10.324	43	283243	49.773	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	232334	53.349	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	268701	61.973	ug/l	94
77) Bromobenzene	10.787	156	138060	53.925	ug/l	98
78) n-propylbenzene	10.909	91	755131	56.764	ug/l	100
79) 2-Chlorotoluene	10.989	91	443325	55.365	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	525677	56.934	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	78608	50.613	ug/l	99
82) 4-Chlorotoluene	11.099	91	512353	56.268	ug/l	100
83) tert-Butylbenzene	11.423	119	501398	56.259	ug/l	98
84) 1,2,4-Trimethylbenzene	11.472	105	526210	56.880	ug/l	100
85) sec-Butylbenzene	11.648	105	666608	56.997	ug/l	100
86) p-Isopropyltoluene	11.796	119	547077	52.791	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	271453	53.713	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	276058	53.417	ug/l	100
89) n-Butylbenzene	12.211	91	540920	53.278	ug/l	100
90) Hexachloroethane	12.481	117	92632	55.490	ug/l	98
91) 1,2-Dichlorobenzene	12.217	146	272489	53.909	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	57228	54.711	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	190007	56.133	ug/l	99
94) Hexachlorobutadiene	14.024	225	72872	59.126	ug/l	99
95) Naphthalene	14.089	128	705249	52.693	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	192586	56.444	ug/l	100

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

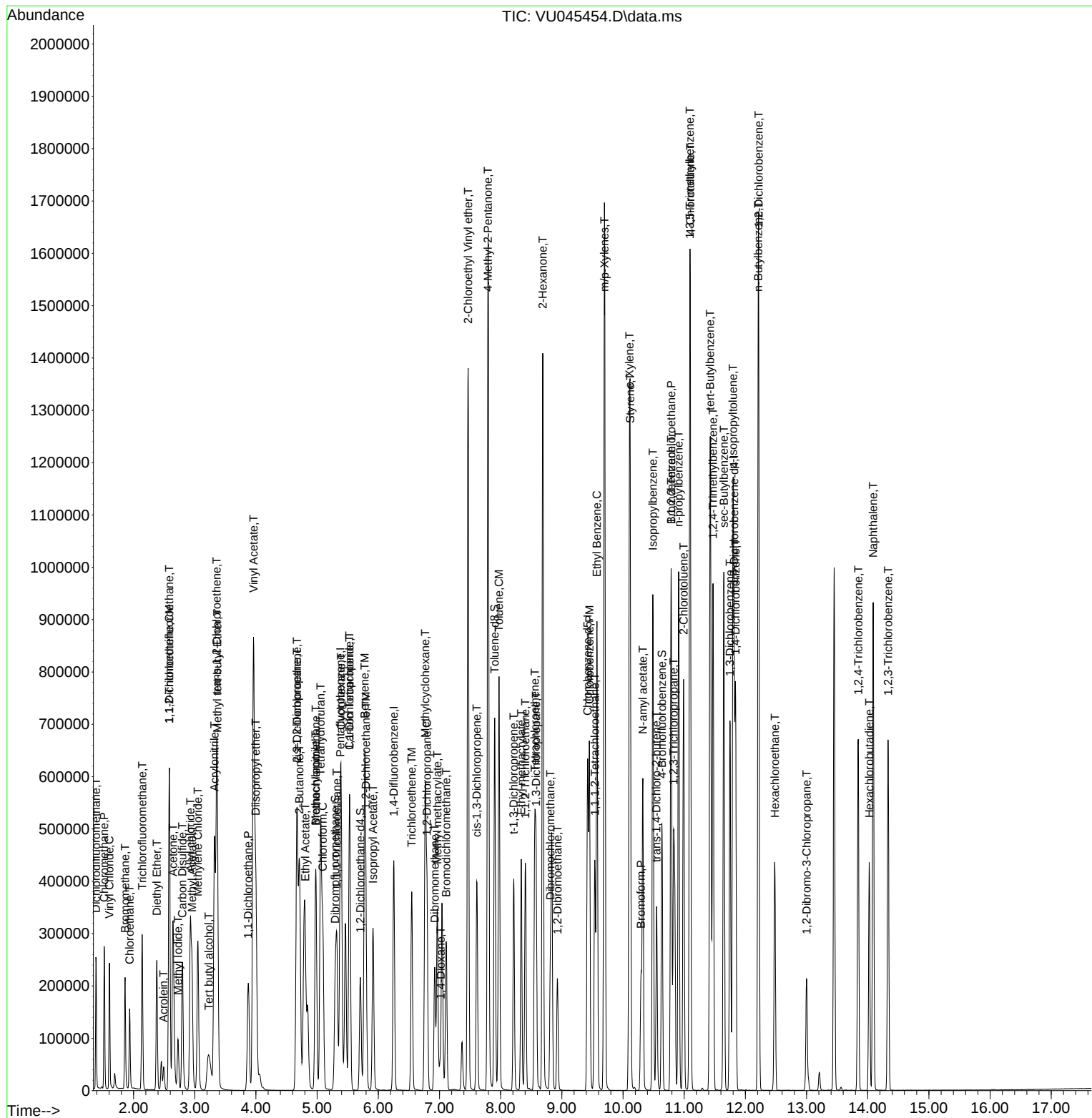
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MSVOA_U
ClientSampleId :
VSTDCCC050

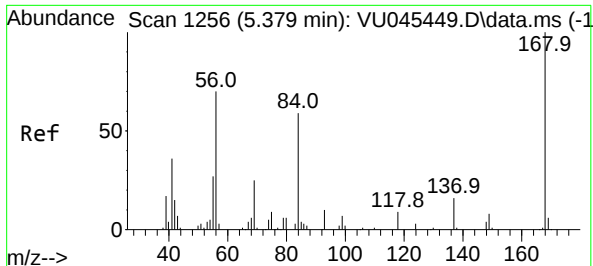
Quant Time: Oct 30 04:02:27 2021
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Quant Title : SW846 8260
QLast Update : Fri Oct 29 11:09:42 2021
Response via : Initial Calibration

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

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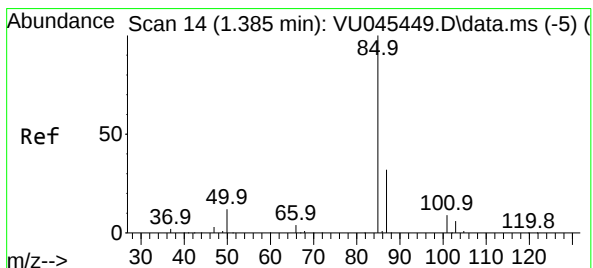
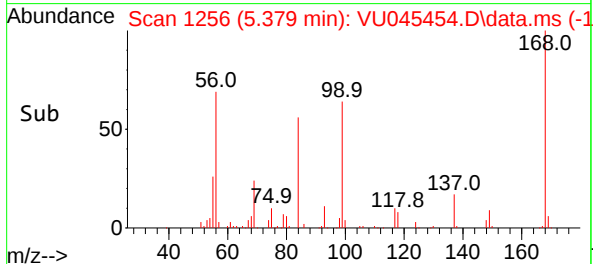
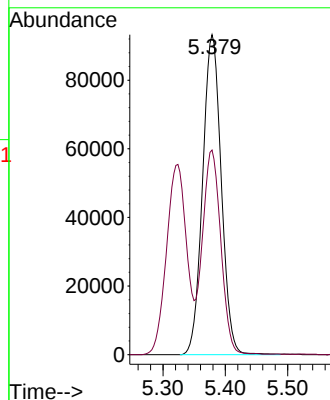
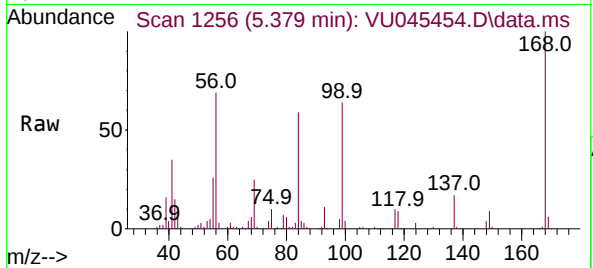




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

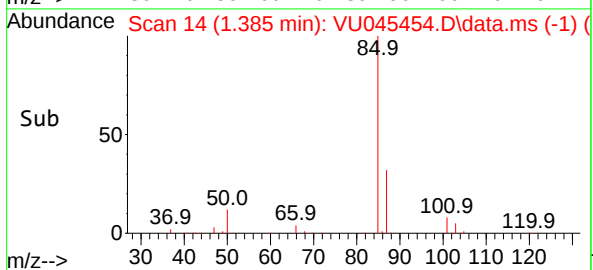
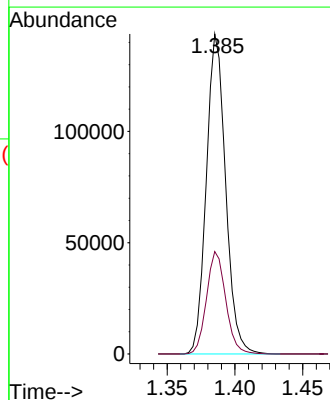
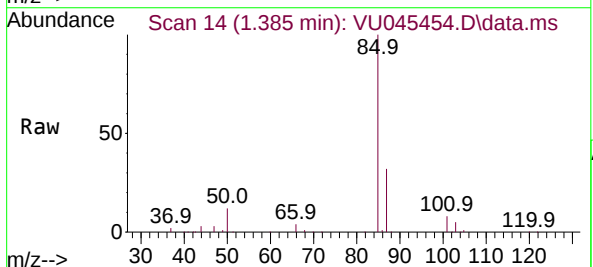
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

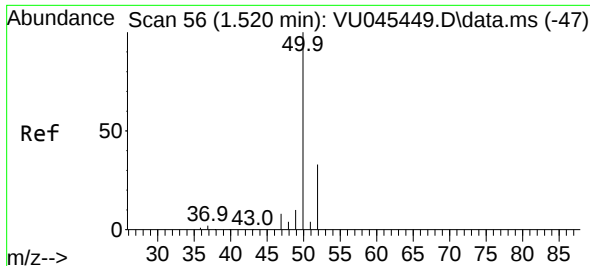
Tgt Ion:168 Resp: 193570
Ion Ratio Lower Upper
168 100
99 63.8 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 50.134 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion: 85 Resp: 142158
Ion Ratio Lower Upper
85 100
87 32.0 15.9 47.7

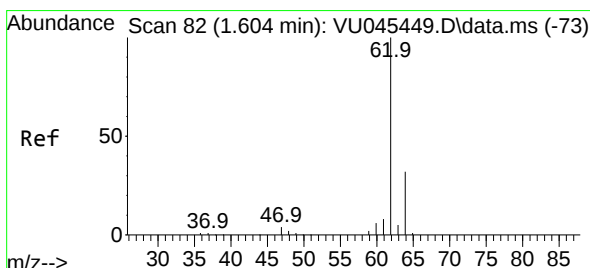
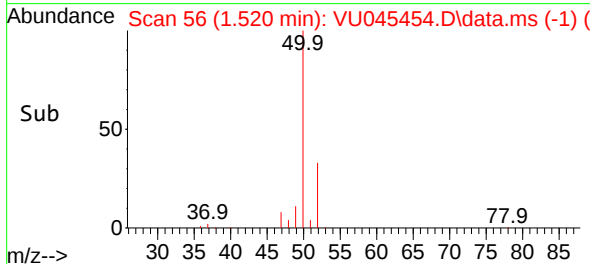
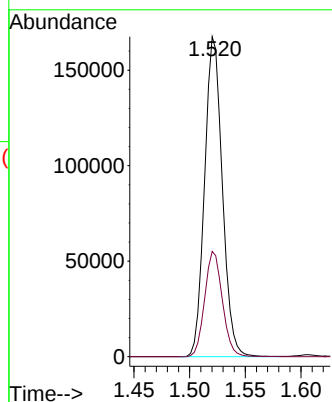
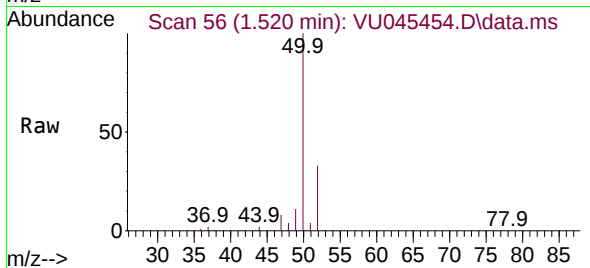




#3
Chloromethane
Concen: 48.106 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

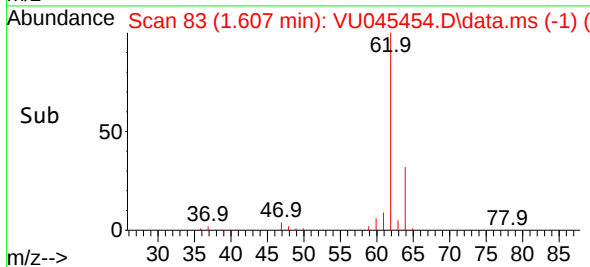
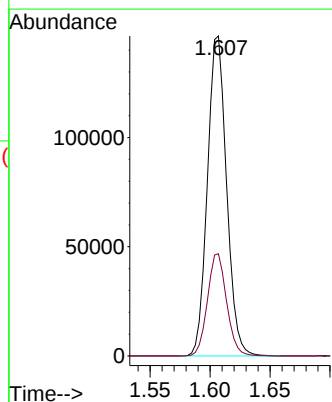
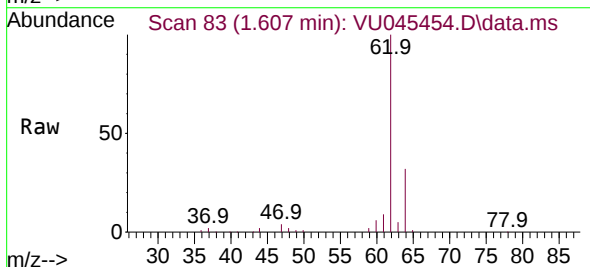
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

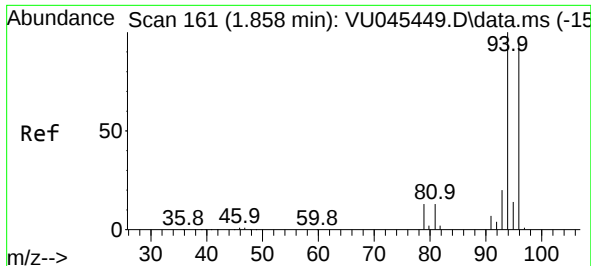
Tgt Ion: 50 Resp: 185293
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0



#4
Vinyl Chloride
Concen: 50.945 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.003 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion: 62 Resp: 162900
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6

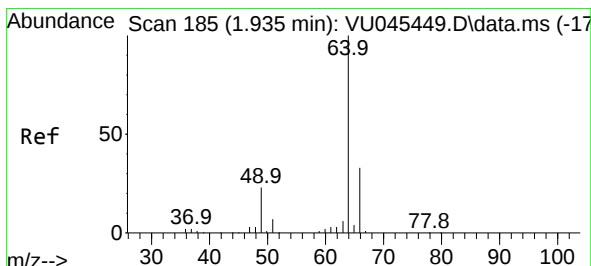
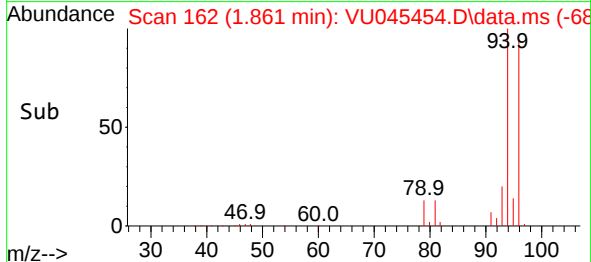
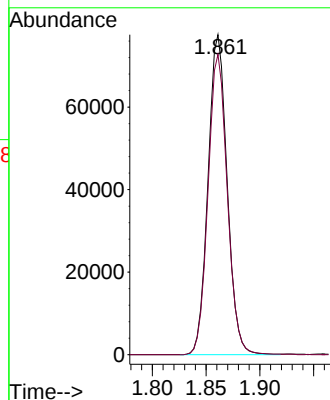
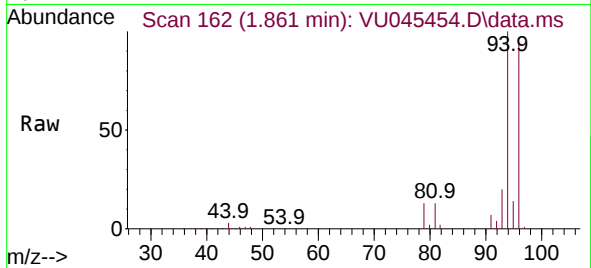




#5
Bromomethane
Concen: 49.386 ug/l
RT: 1.861 min Scan# 161
Delta R.T. 0.003 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

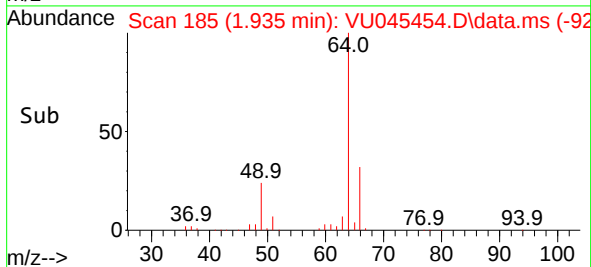
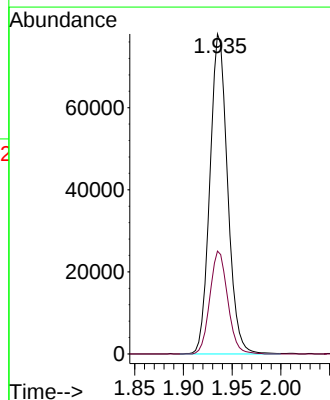
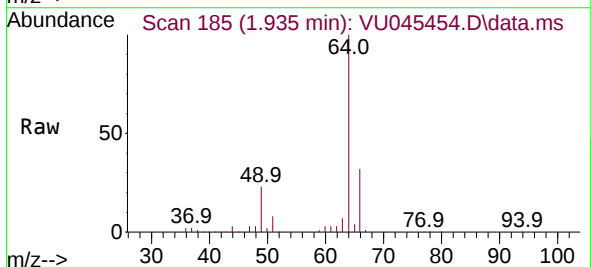
Instrument :
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ClientSampleId :
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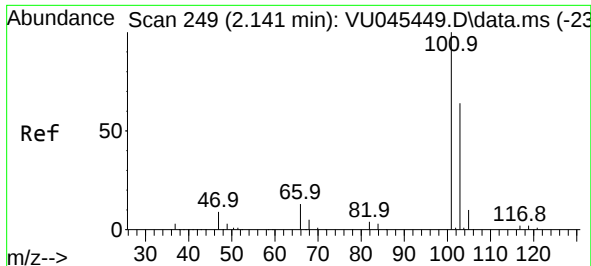
Tgt Ion: 94 Resp: 95865
Ion Ratio Lower Upper
94 100
96 93.9 75.4 113.2



#6
Chloroethane
Concen: 51.218 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion: 64 Resp: 98673
Ion Ratio Lower Upper
64 100
66 32.1 26.7 40.1

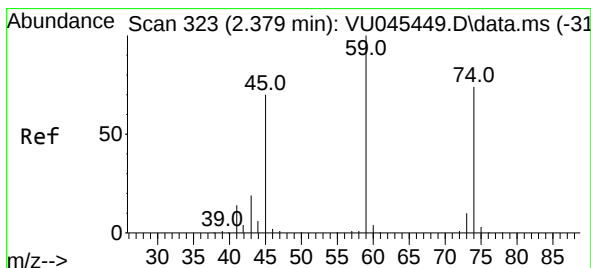
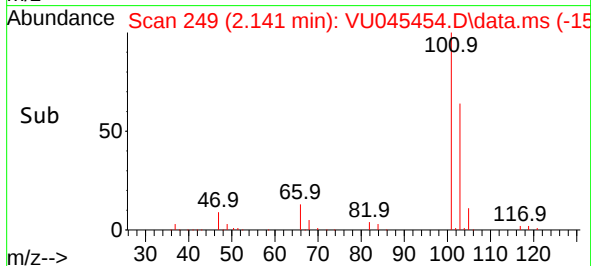
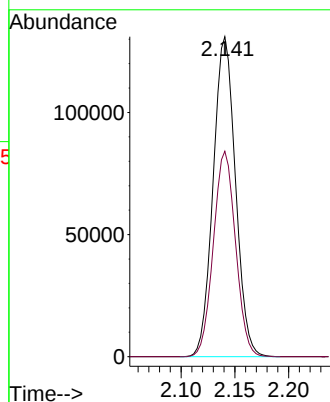
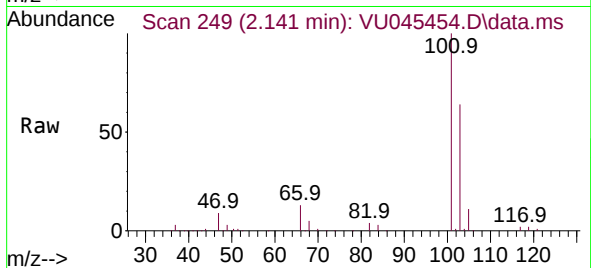




#7
 Trichlorofluoromethane
 Concen: 52.728 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. -0.000 min
 Lab File: VU045454.D
 Acq: 29 Oct 2021 10:26

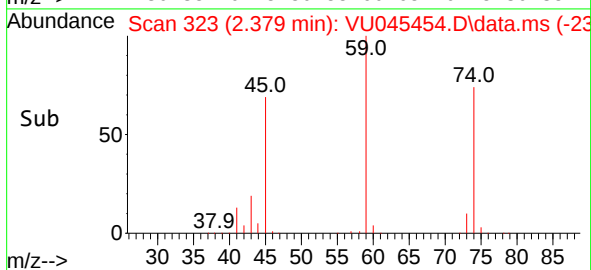
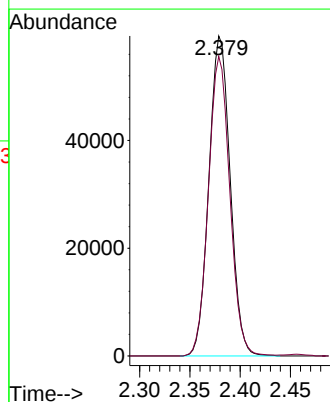
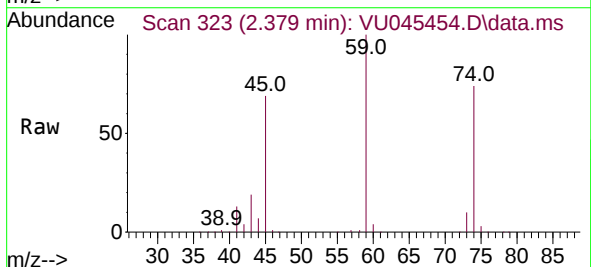
Instrument :
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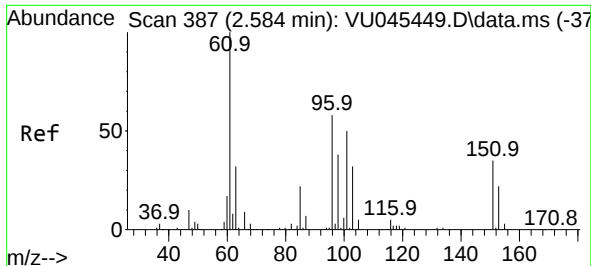
Tgt Ion:101 Resp: 188771
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 52.722 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. -0.000 min
 Lab File: VU045454.D
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Tgt Ion: 74 Resp: 87511
 Ion Ratio Lower Upper
 74 100
 45 94.2 47.3 141.8

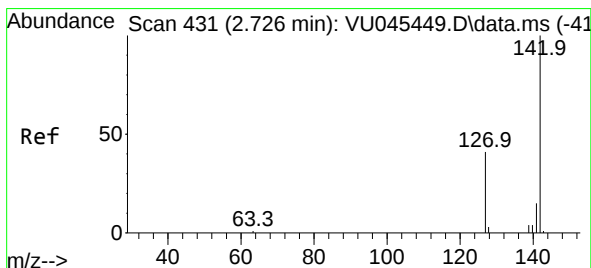
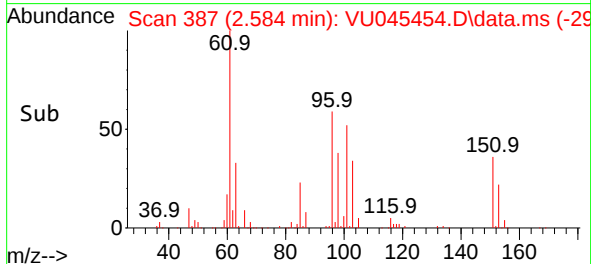
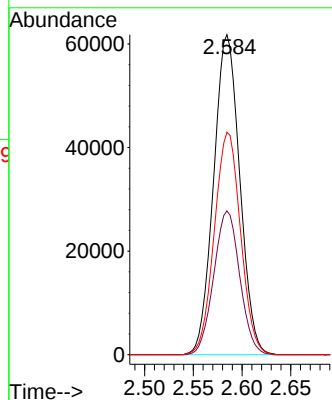
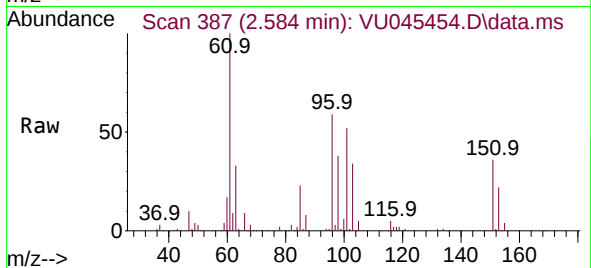




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.662 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

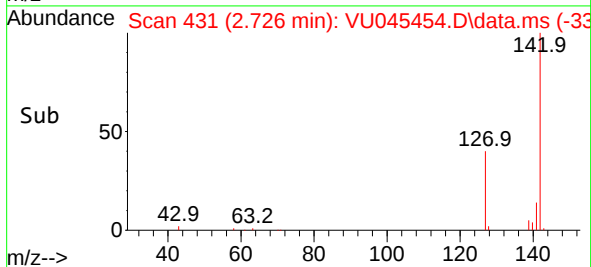
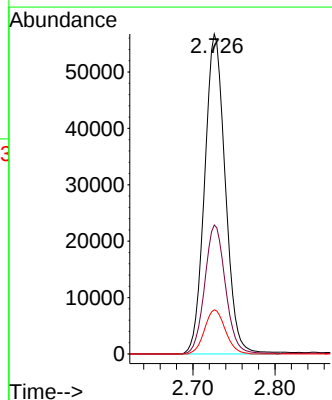
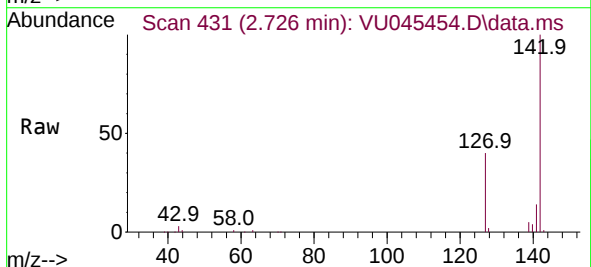
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

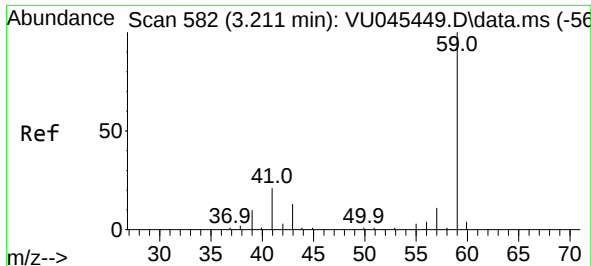
Tgt Ion:101 Resp: 115420
Ion Ratio Lower Upper
101 100
85 44.7 35.0 52.4
151 69.8 54.6 82.0



#10
Methyl Iodide
Concen: 48.310 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion:142 Resp: 99460
Ion Ratio Lower Upper
142 100
127 40.7 32.2 48.2
141 13.9 11.3 16.9

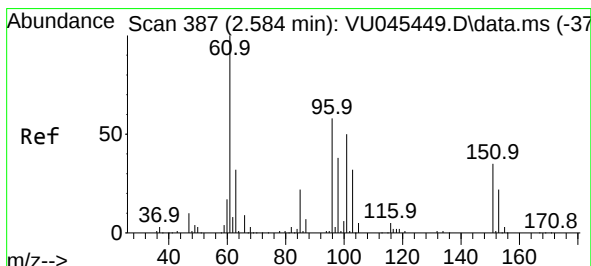
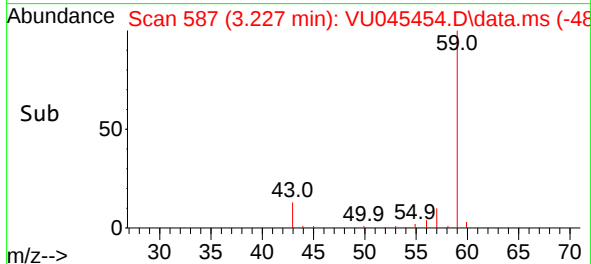
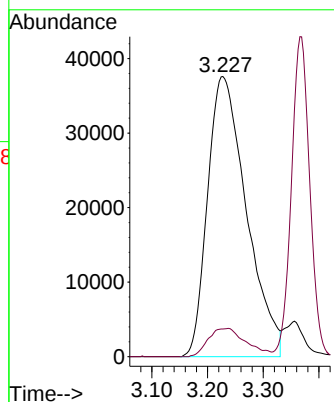
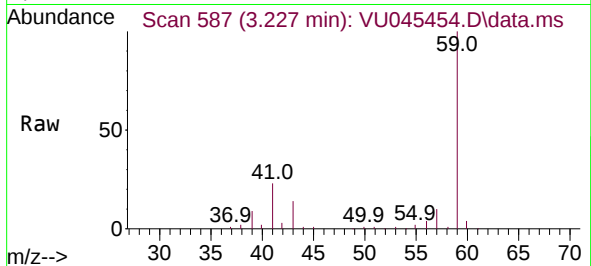




#11
Tert butyl alcohol
Concen: 267.230 ug/l
RT: 3.227 min Scan# 587
Delta R.T. 0.016 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

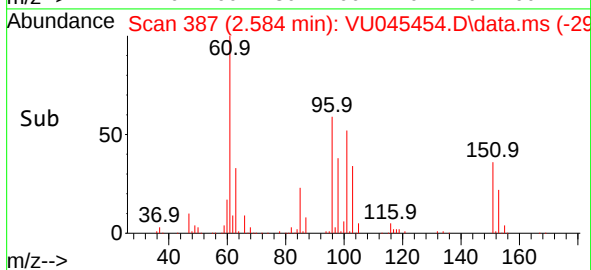
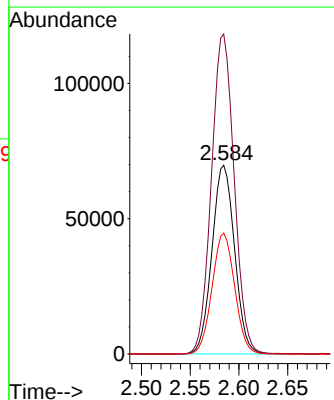
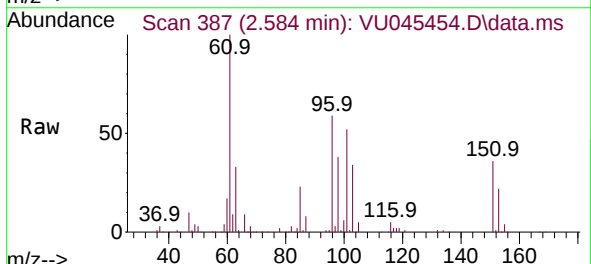
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

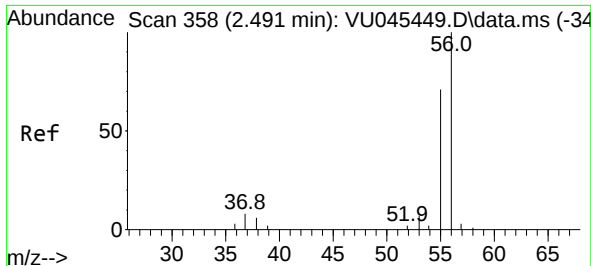
Tgt Ion: 59 Resp: 181779
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 51.021 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion: 96 Resp: 112833
Ion Ratio Lower Upper
96 100
61 169.4 137.1 205.7
98 64.0 51.5 77.3

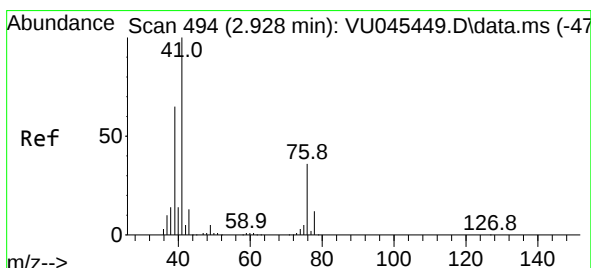
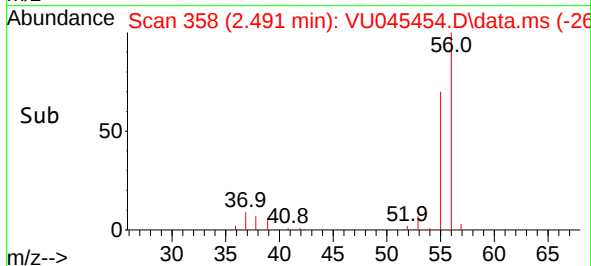
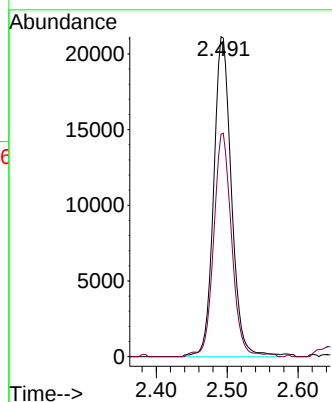
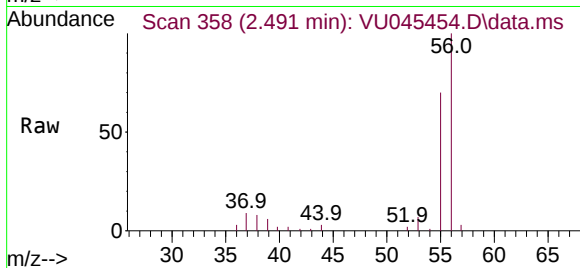




#13
Acrolein
Concen: 241.432 ug/l
RT: 2.491 min Scan# 358
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

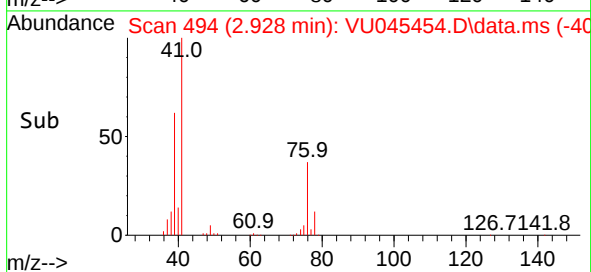
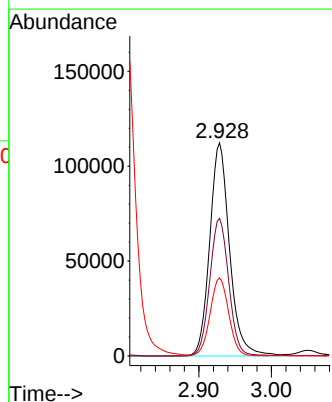
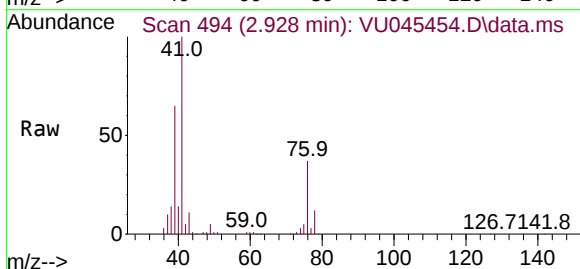
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

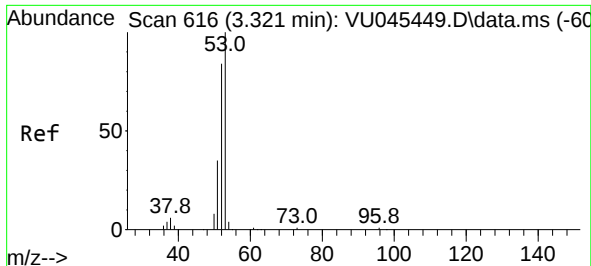
Tgt Ion: 56 Resp: 36757
Ion Ratio Lower Upper
56 100
55 70.5 56.3 84.5



#14
Allyl chloride
Concen: 52.639 ug/l
RT: 2.928 min Scan# 494
Delta R.T. -0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion: 41 Resp: 213759
Ion Ratio Lower Upper
41 100
39 61.9 49.7 74.5
76 34.1 27.7 41.5

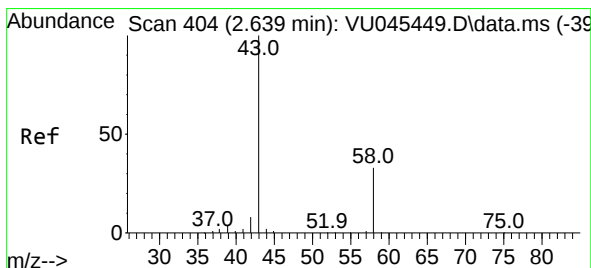
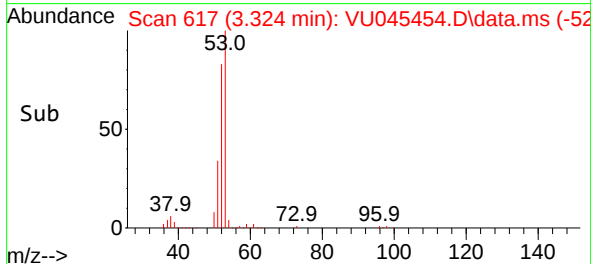
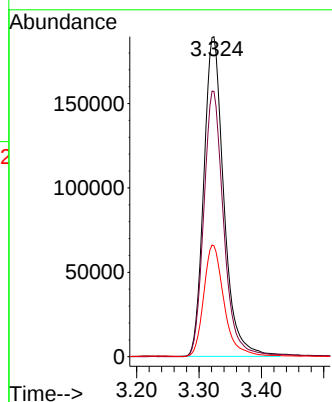
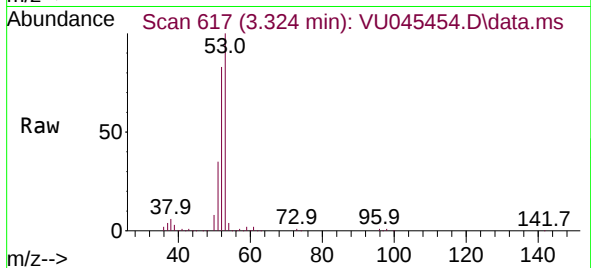




#15
Acrylonitrile
Concen: 256.557 ug/l
RT: 3.324 min Scan# 616
Delta R.T. 0.003 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

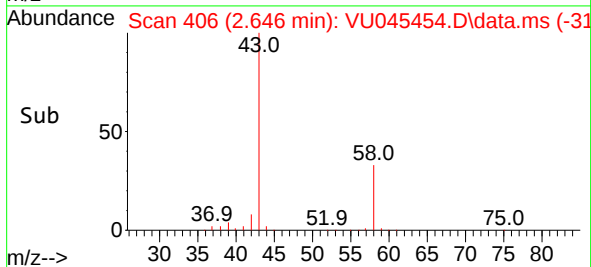
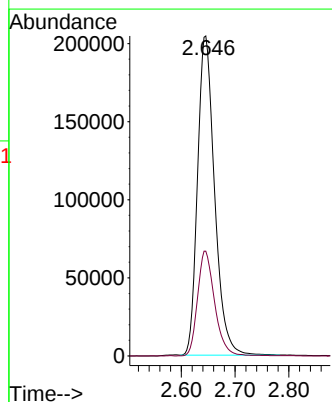
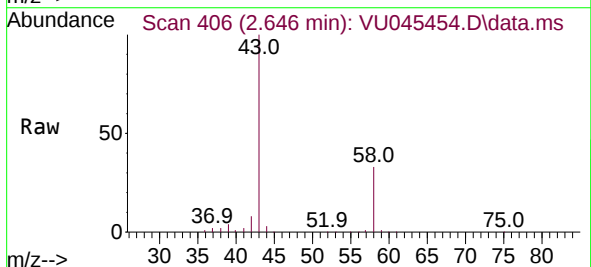
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

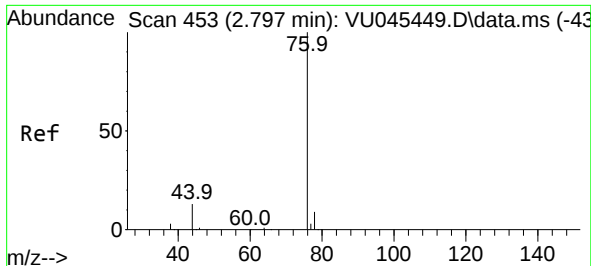
Tgt Ion: 53 Resp: 423120
Ion Ratio Lower Upper
53 100
52 82.4 66.6 100.0
51 35.4 28.4 42.6



#16
Acetone
Concen: 314.754 ug/l
RT: 2.646 min Scan# 406
Delta R.T. 0.006 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion: 43 Resp: 450312
Ion Ratio Lower Upper
43 100
58 32.8 26.2 39.2

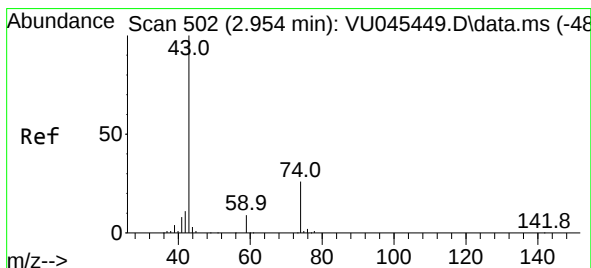
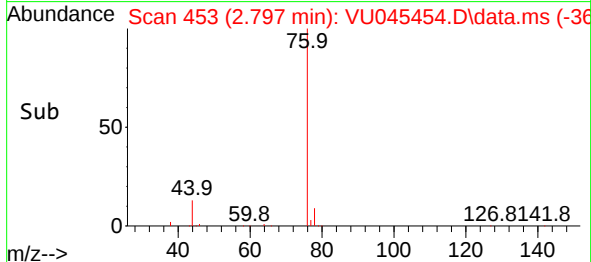
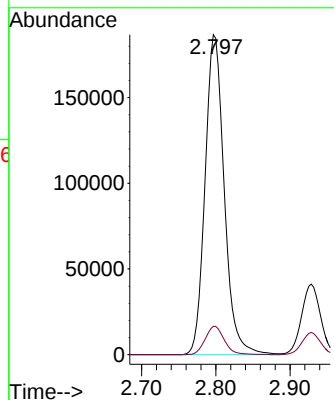
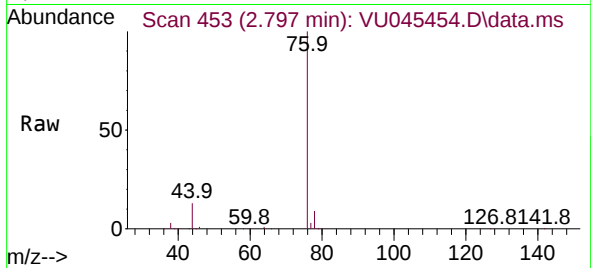




#17
Carbon Disulfide
Concen: 51.959 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

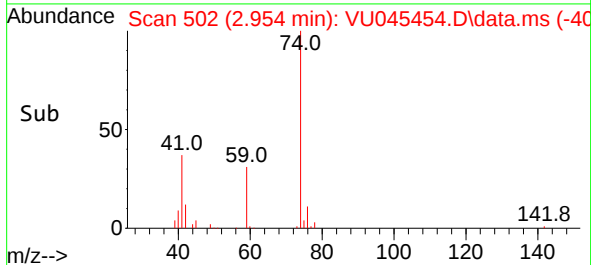
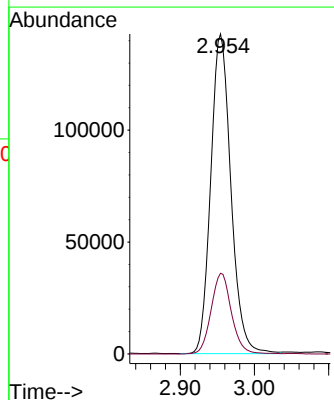
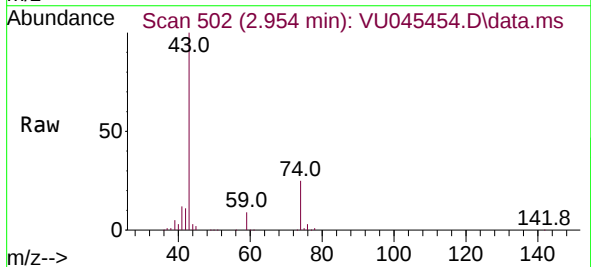
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

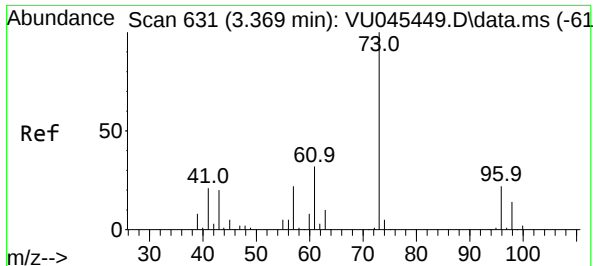
Tgt Ion: 76 Resp: 334404
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 50.534 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion: 43 Resp: 269229
Ion Ratio Lower Upper
43 100
74 25.5 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 52.792 ug/l

RT: 3.369 min Scan# 631

Delta R.T. 0.000 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

Instrument :

MSVOA_U

ClientSampleId :

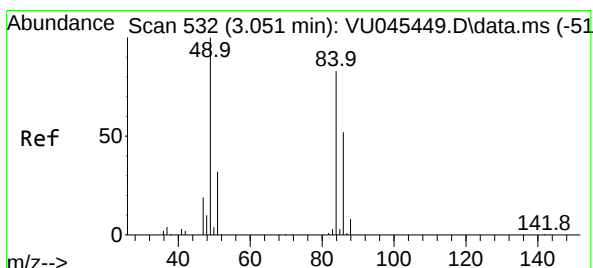
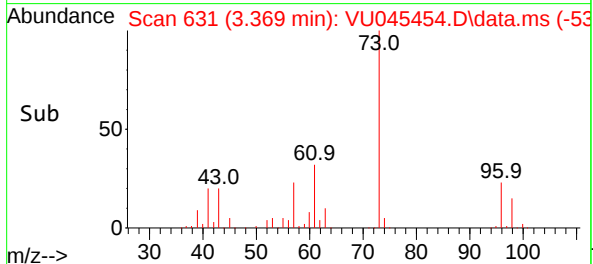
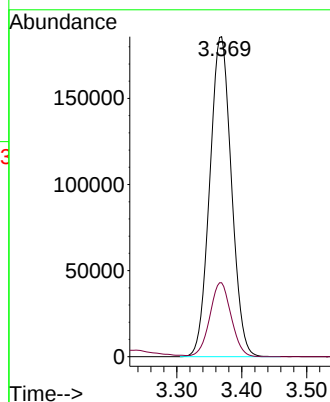
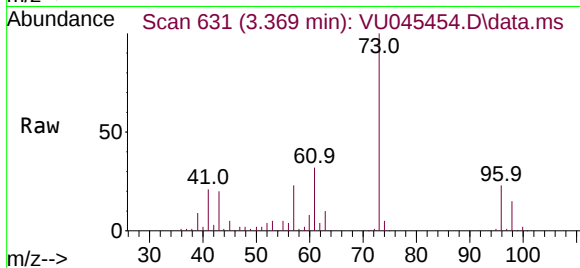
VSTDCCC050

Tgt Ion: 73 Resp: 429554

Ion Ratio Lower Upper

73 100

57 23.1 18.1 27.1



#20

Methylene Chloride

Concen: 47.890 ug/l

RT: 3.051 min Scan# 532

Delta R.T. 0.000 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

Tgt Ion: 84 Resp: 136528

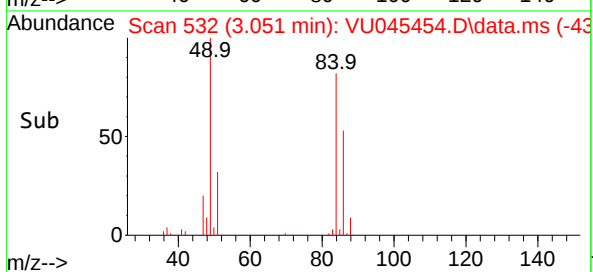
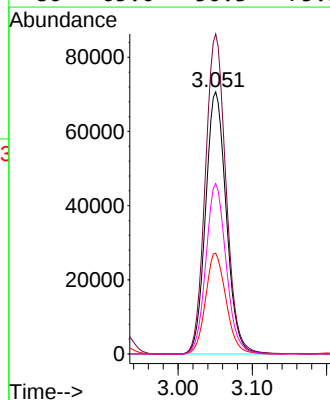
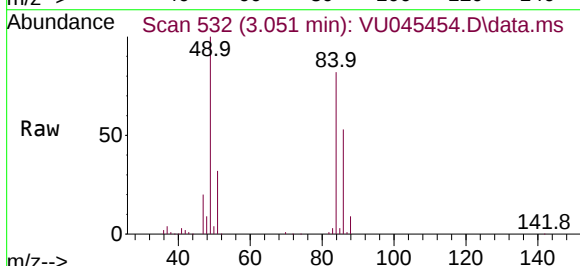
Ion Ratio Lower Upper

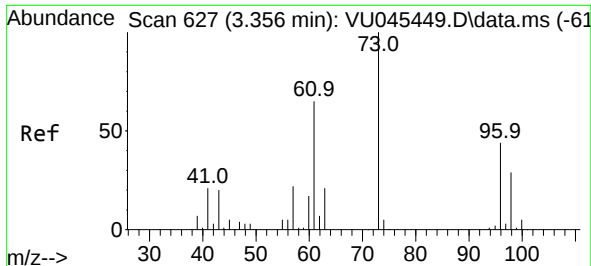
84 100

49 122.1 96.4 144.6

51 38.5 30.5 45.7

86 65.0 50.3 75.5

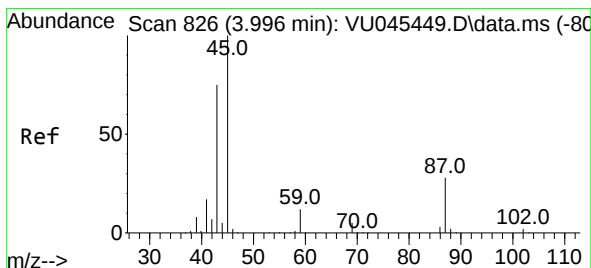
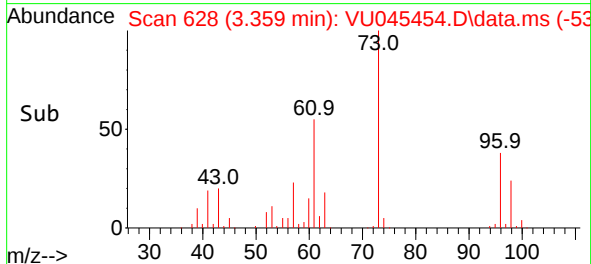
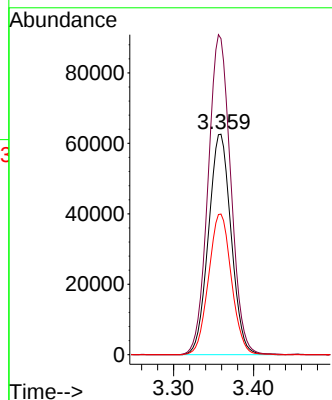
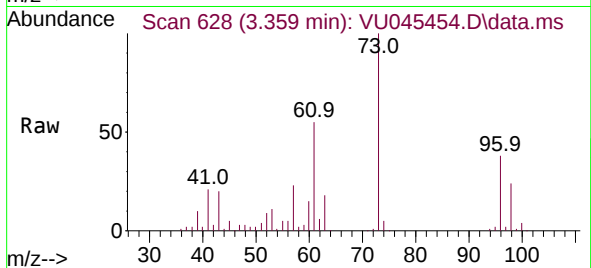




#21
trans-1,2-Dichloroethene
Concen: 51.707 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

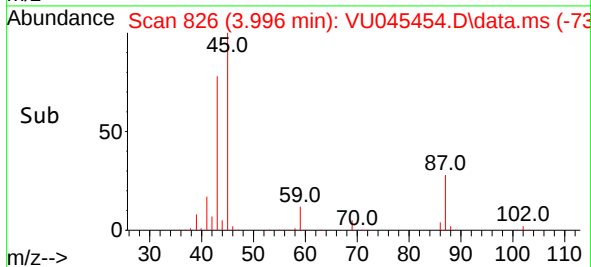
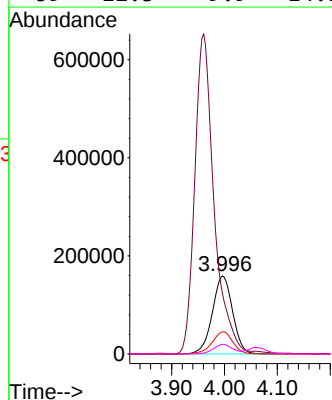
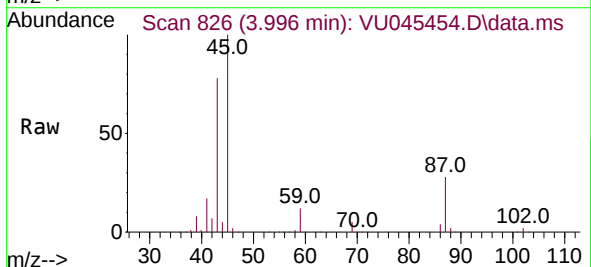
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

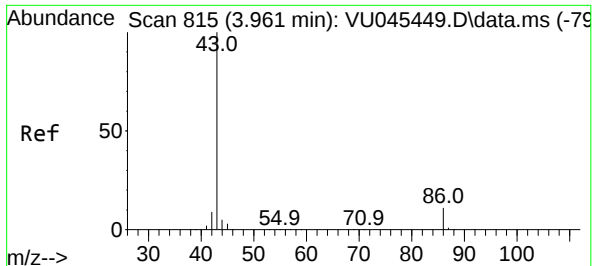
Tgt Ion: 96 Resp: 123226
Ion Ratio Lower Upper
96 100
61 143.4 118.2 177.4
98 63.8 52.1 78.1



#22
Diisopropyl ether
Concen: 53.316 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion: 45 Resp: 423387
Ion Ratio Lower Upper
45 100
43 76.5 60.0 90.0
87 28.3 22.3 33.5
59 12.3 9.9 14.9

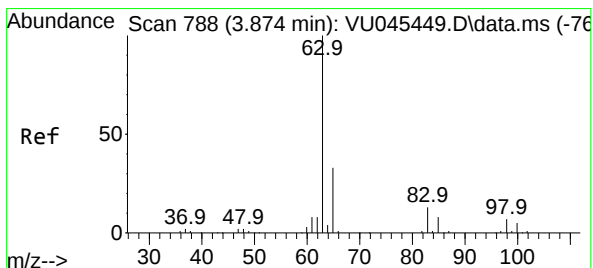
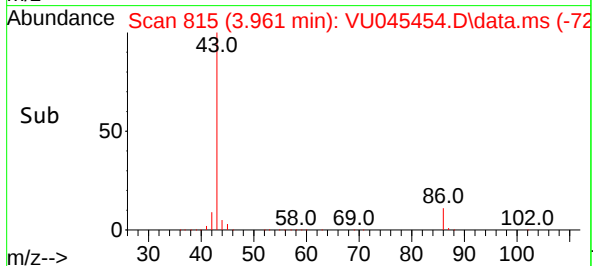
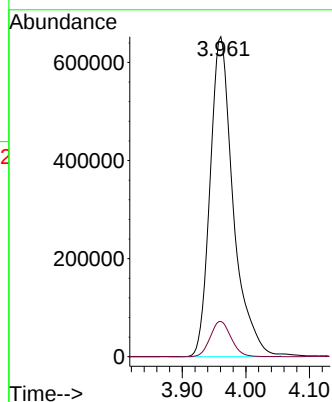
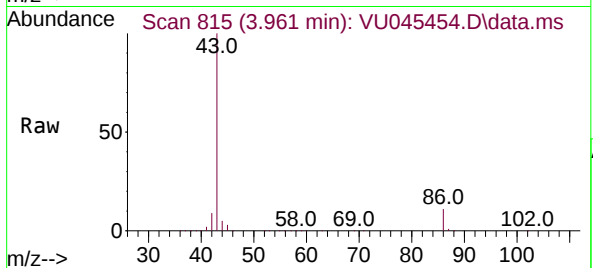




#23
 Vinyl Acetate
 Concen: 268.275 ug/l
 RT: 3.961 min Scan# 815
 Delta R.T. 0.000 min
 Lab File: VU045454.D
 Acq: 29 Oct 2021 10:26

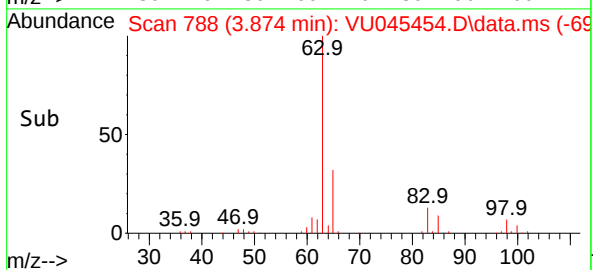
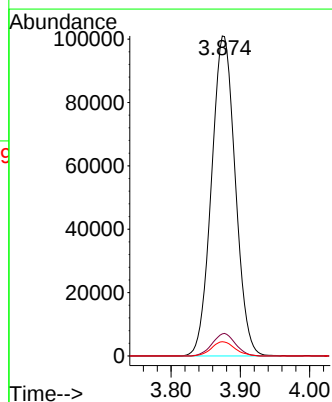
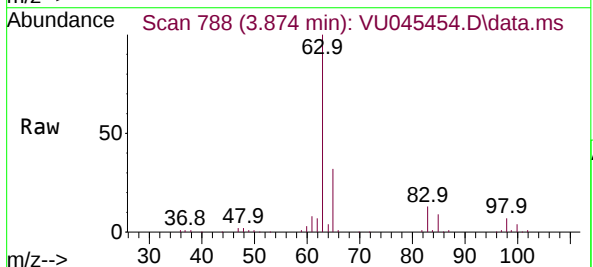
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

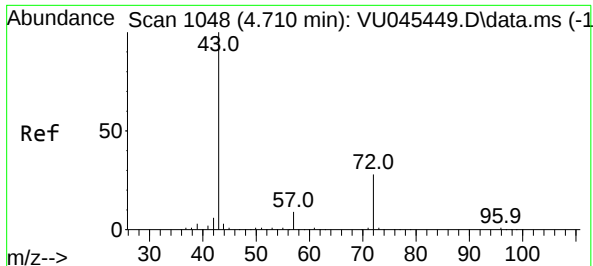
Tgt Ion: 43 Resp: 1652524
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 51.745 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VU045454.D
 Acq: 29 Oct 2021 10:26

Tgt Ion: 63 Resp: 240792
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.6
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 285.429 ug/l

RT: 4.710 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

Instrument :

MSVOA_U

ClientSampleId :

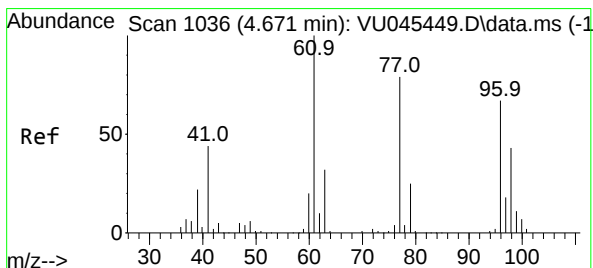
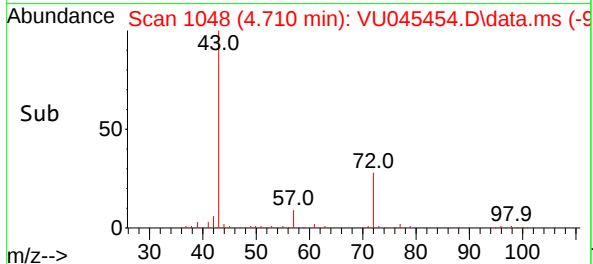
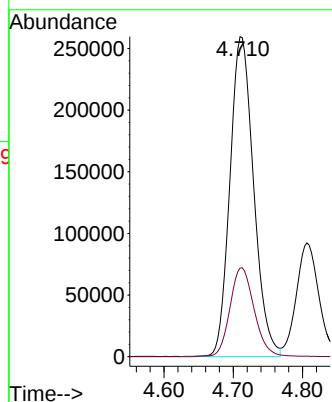
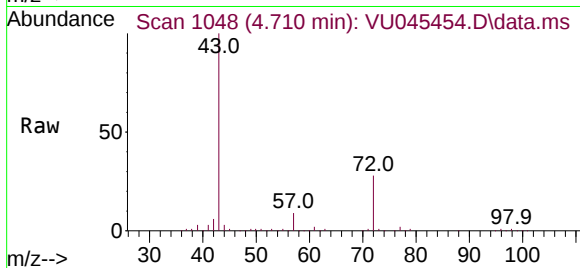
VSTDCCC050

Tgt Ion: 43 Resp: 616469

Ion Ratio Lower Upper

43 100

72 27.7 22.0 33.0



#26

2,2-Dichloropropane

Concen: 55.547 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045454.D

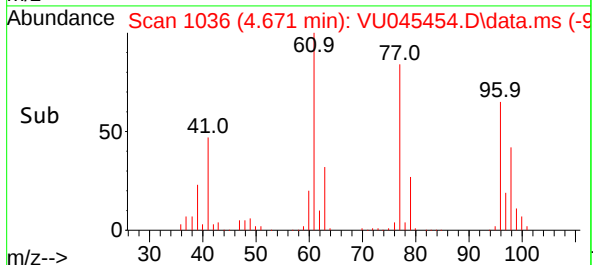
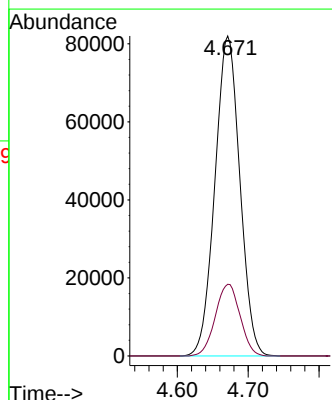
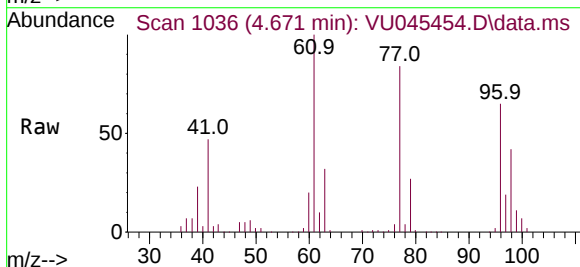
Acq: 29 Oct 2021 10:26

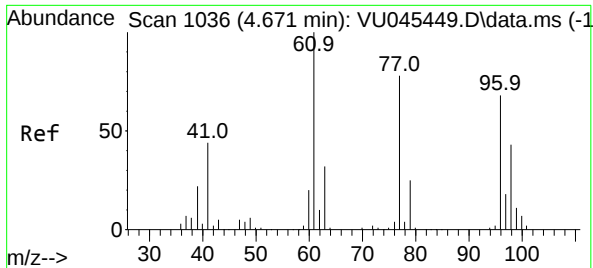
Tgt Ion: 77 Resp: 200249

Ion Ratio Lower Upper

77 100

97 22.2 11.4 34.1

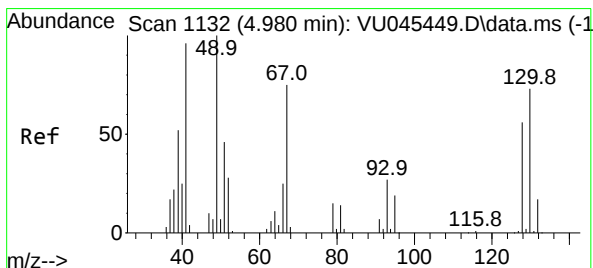
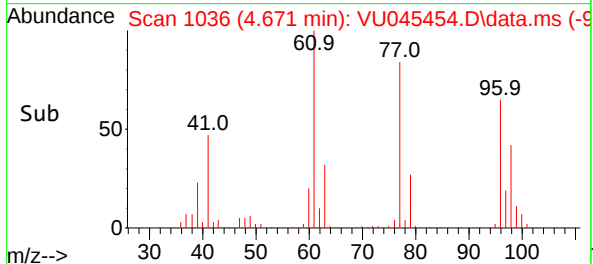
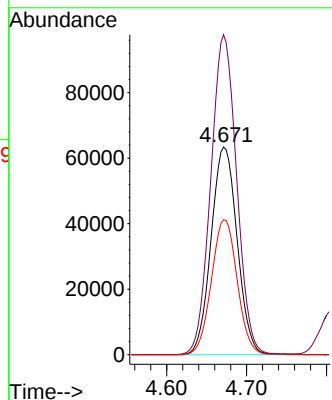
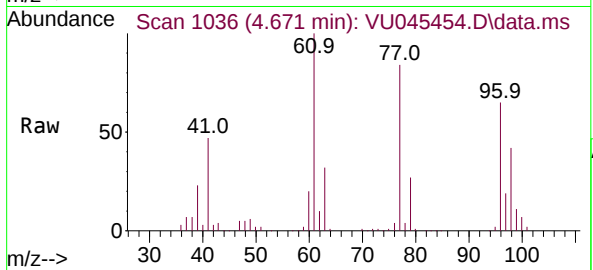




#27
 cis-1,2-Dichloroethene
 Concen: 52.337 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU045454.D
 Acq: 29 Oct 2021 10:26

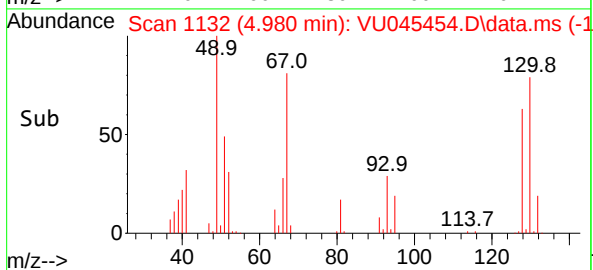
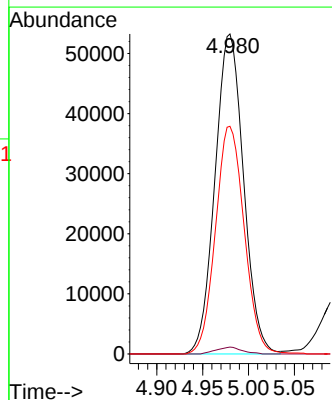
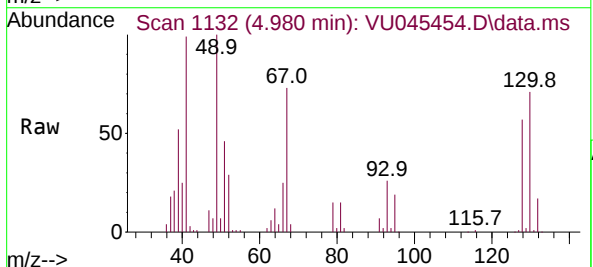
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

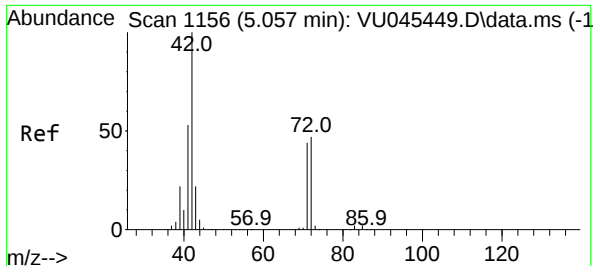
Tgt Ion: 96 Resp: 143526
 Ion Ratio Lower Upper
 96 100
 61 152.9 0.0 299.2
 98 64.4 0.0 127.6



#28
 Bromochloromethane
 Concen: 50.258 ug/l
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU045454.D
 Acq: 29 Oct 2021 10:26

Tgt Ion: 49 Resp: 115358
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 71.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 257.026 ug/l

RT: 5.057 min Scan# 1156

Delta R.T. 0.000 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

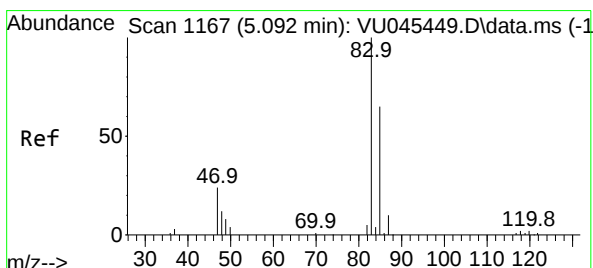
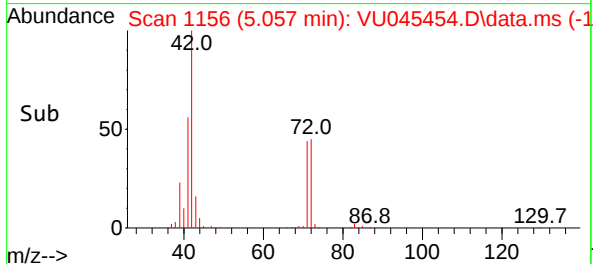
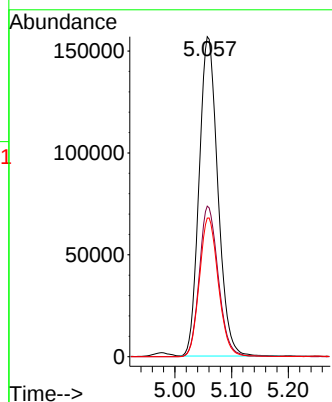
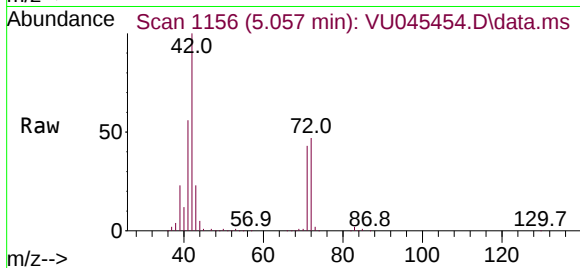
Tgt Ion: 42 Resp: 360008

Ion Ratio Lower Upper

42 100

72 47.6 38.2 57.4

71 43.9 35.4 53.2



#30

Chloroform

Concen: 51.950 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU045454.D

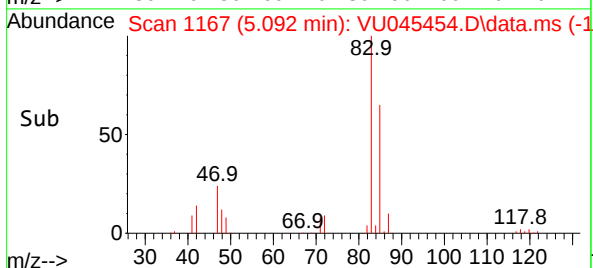
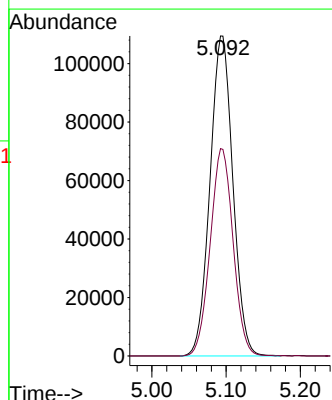
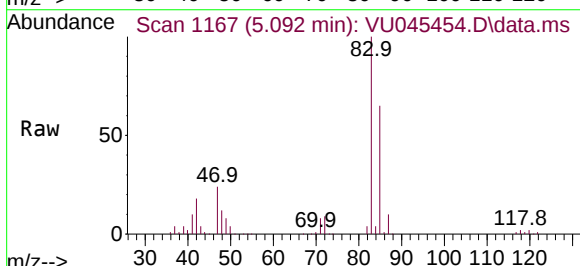
Acq: 29 Oct 2021 10:26

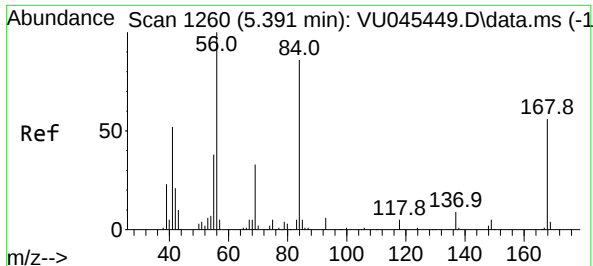
Tgt Ion: 83 Resp: 234399

Ion Ratio Lower Upper

83 100

85 64.8 52.0 78.0

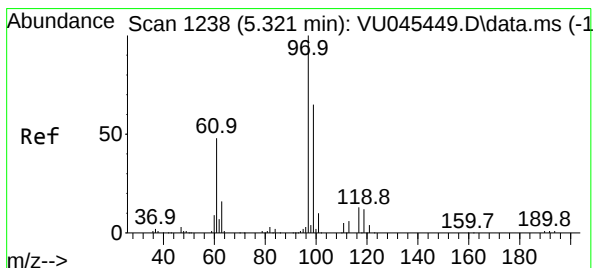
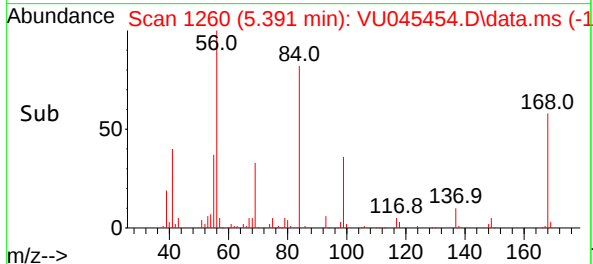
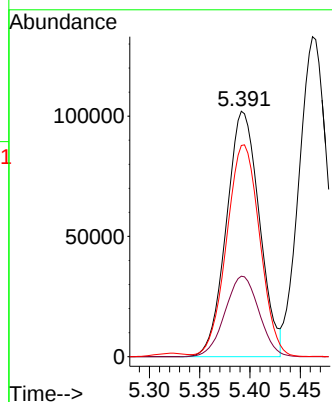
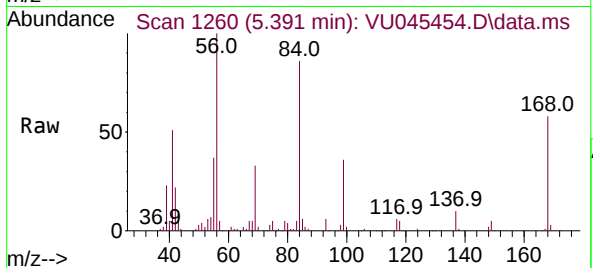




#31
Cyclohexane
Concen: 49.741 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

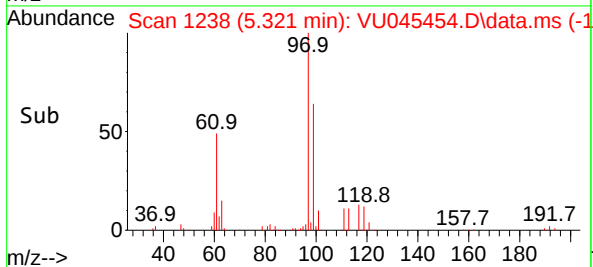
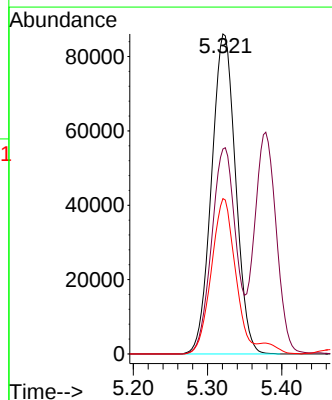
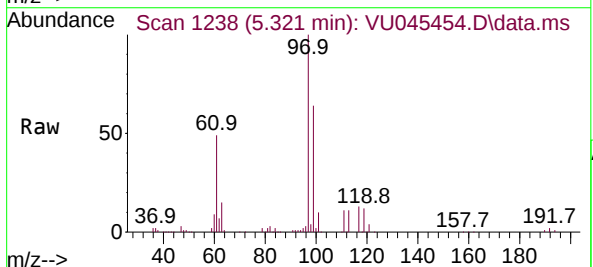
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

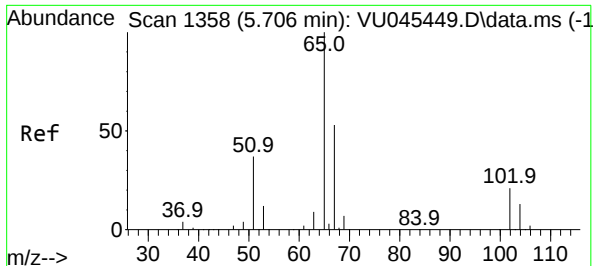
Tgt Ion: 56 Resp: 233376
Ion Ratio Lower Upper
56 100
69 32.8 26.4 39.6
84 84.8 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 52.304 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion: 97 Resp: 193683
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 48.5 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 50.694 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

Instrument :

MSVOA_U

ClientSampleId :

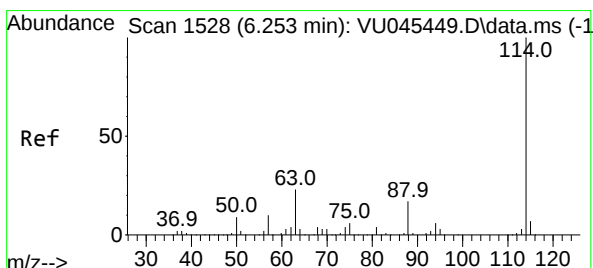
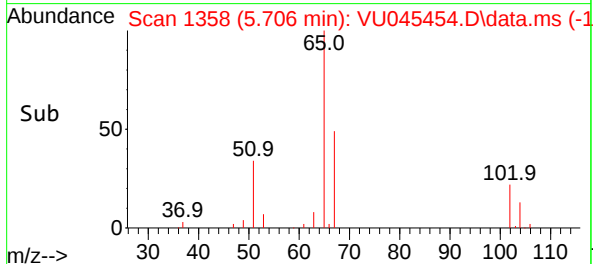
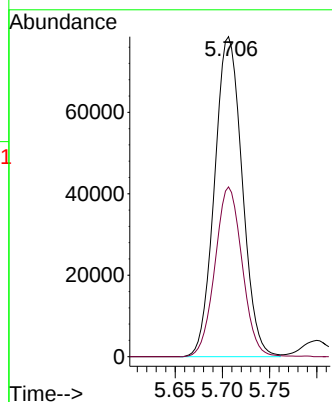
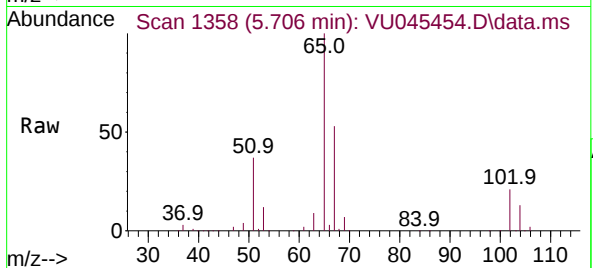
VSTDCCC050

Tgt Ion: 65 Resp: 159756

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

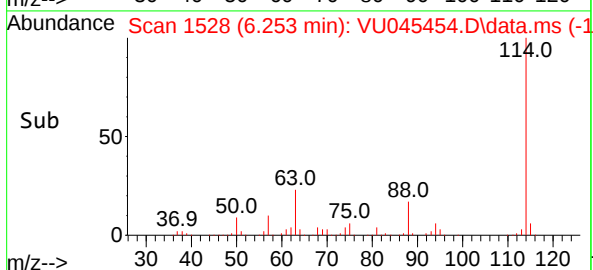
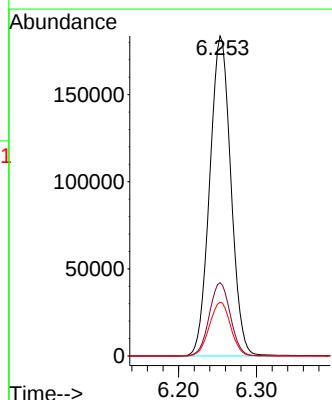
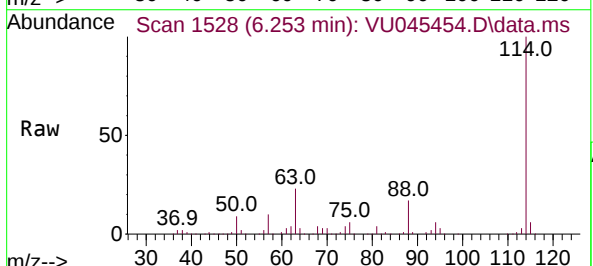
Tgt Ion: 114 Resp: 346298

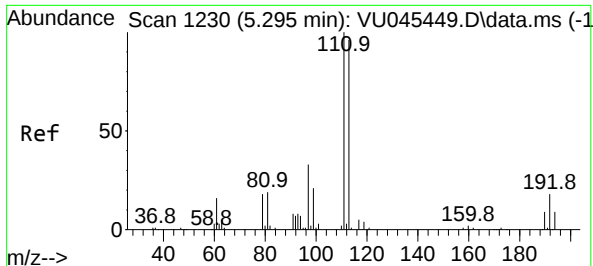
Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

88 16.8 0.0 33.8

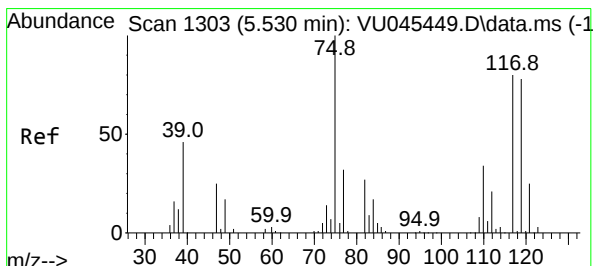
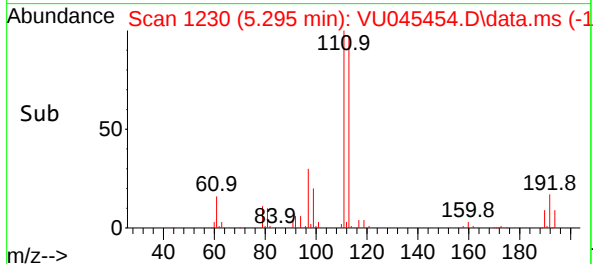
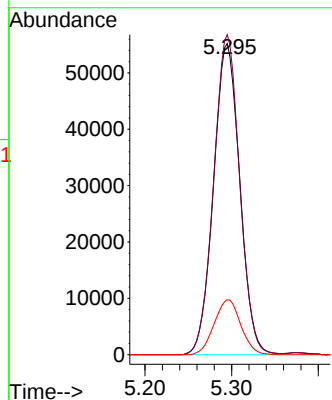
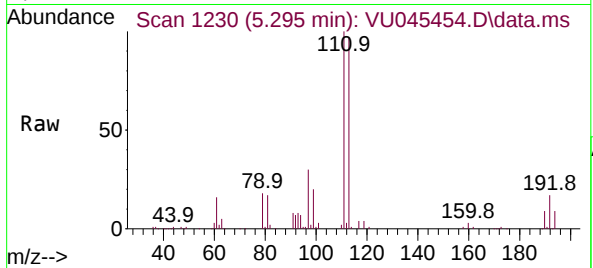




#35
Dibromofluoromethane
Concen: 52.812 ug/l
RT: 5.295 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

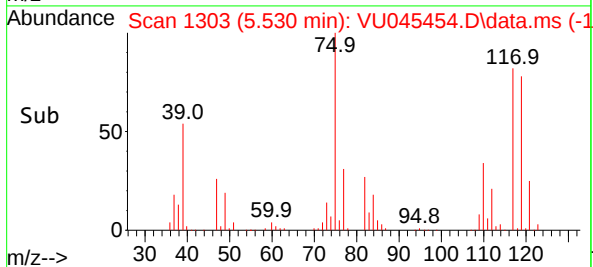
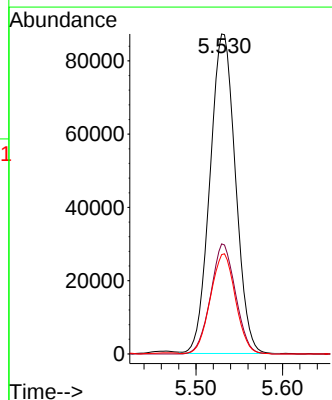
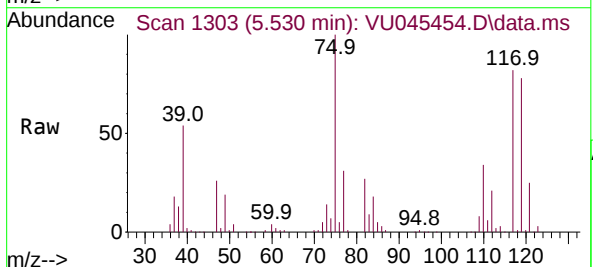
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

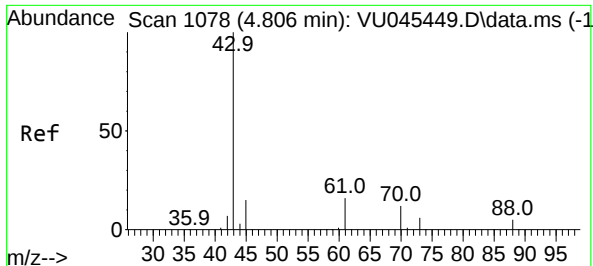
Tgt Ion:113 Resp: 116289
Ion Ratio Lower Upper
113 100
111 101.6 82.8 124.2
192 17.9 14.8 22.2



#36
1,1-Dichloropropene
Concen: 54.116 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion: 75 Resp: 178393
Ion Ratio Lower Upper
75 100
110 33.6 16.7 50.0
77 31.0 25.0 37.4

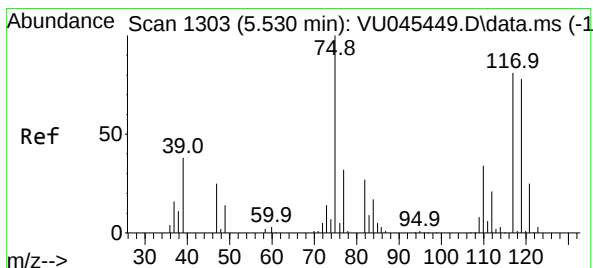
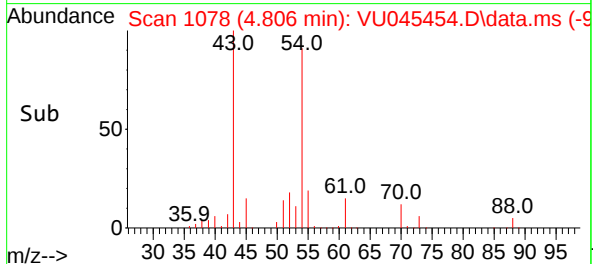
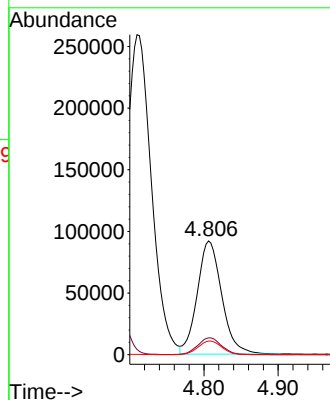
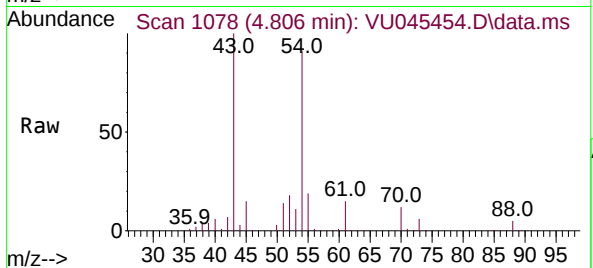




#37
Ethyl Acetate
Concen: 52.709 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

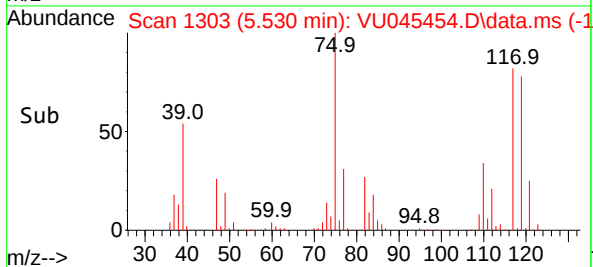
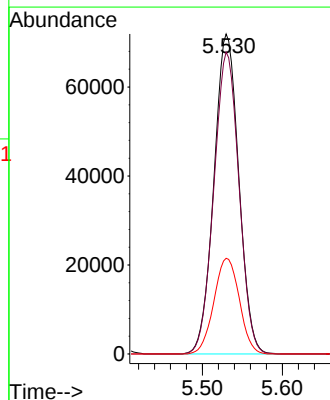
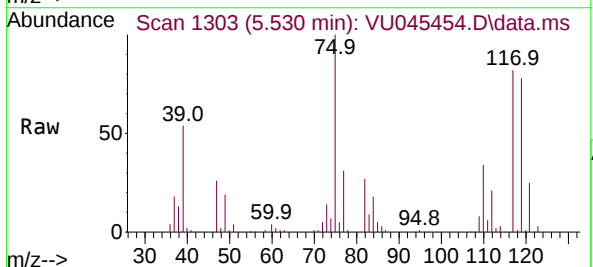
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

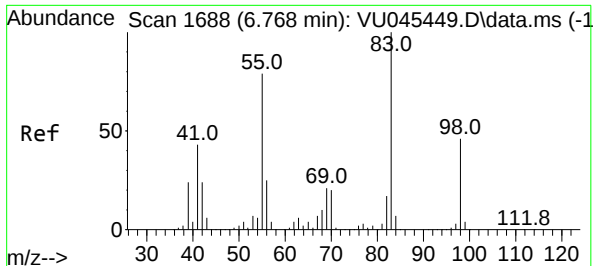
Tgt Ion: 43 Resp: 210431
Ion Ratio Lower Upper
43 100
61 14.7 11.6 17.4
70 11.7 9.1 13.7



#38
Carbon Tetrachloride
Concen: 53.906 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion: 117 Resp: 154980
Ion Ratio Lower Upper
117 100
119 94.4 77.4 116.0
121 29.9 24.8 37.2





#39

Methylcyclohexane

Concen: 56.192 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

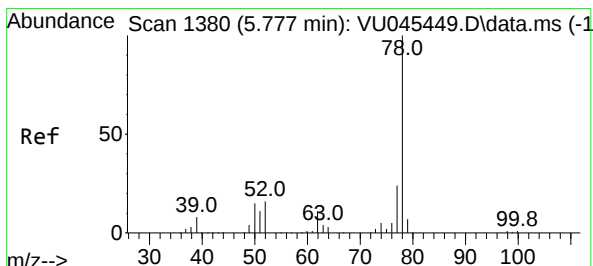
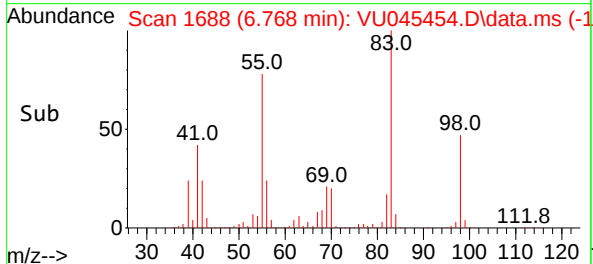
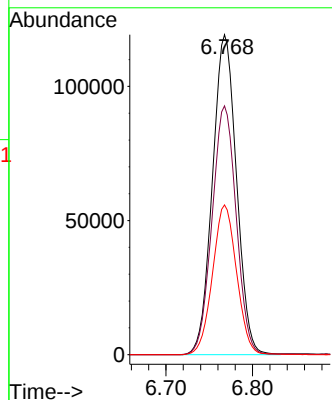
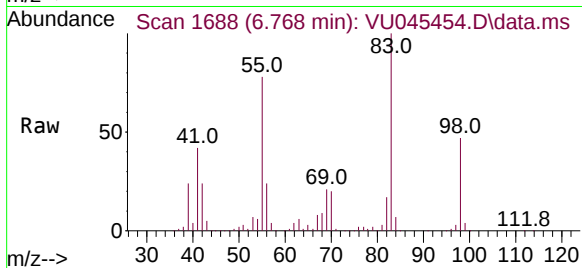
Tgt Ion: 83 Resp: 230348

Ion Ratio Lower Upper

83 100

55 77.7 63.6 95.4

98 46.8 37.1 55.7



#40

Benzene

Concen: 53.349 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU045454.D

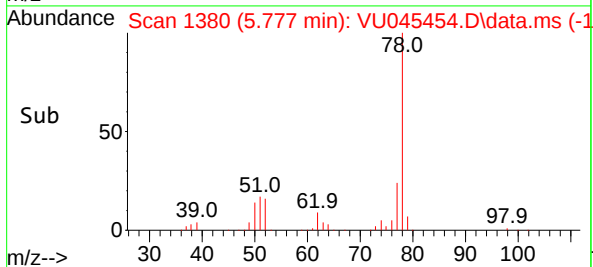
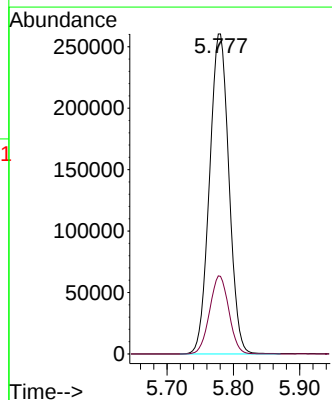
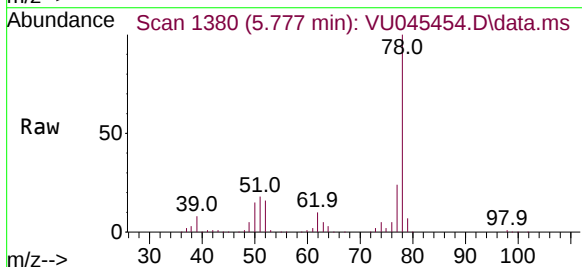
Acq: 29 Oct 2021 10:26

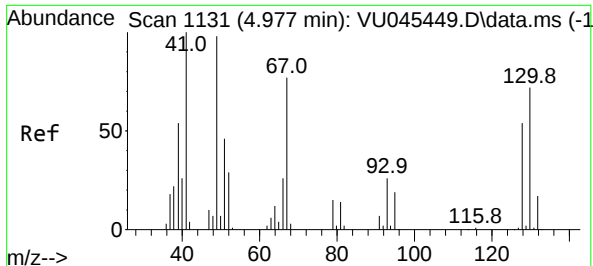
Tgt Ion: 78 Resp: 529384

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.4



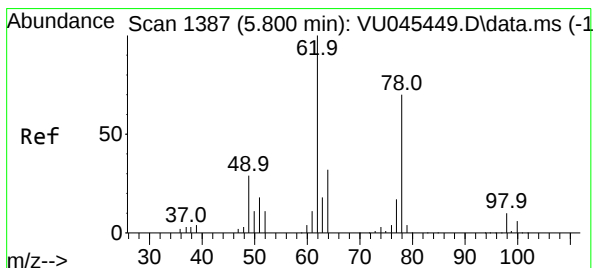
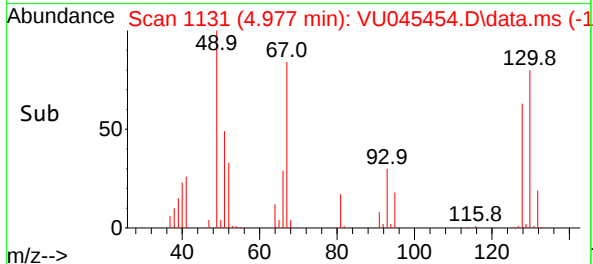
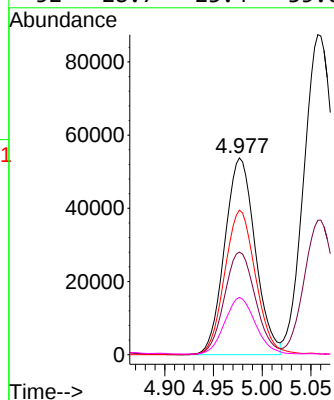
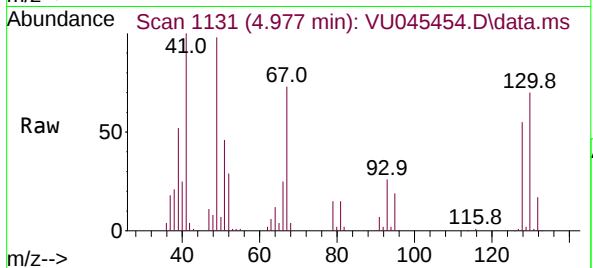


#41
Methacrylonitrile
Concen: 55.567 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 117403

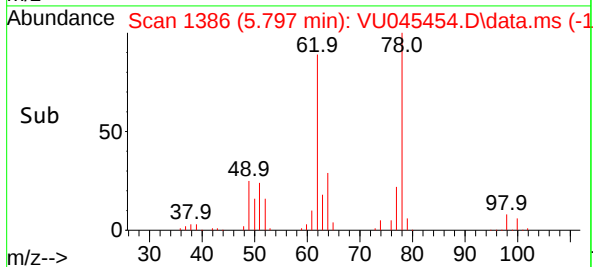
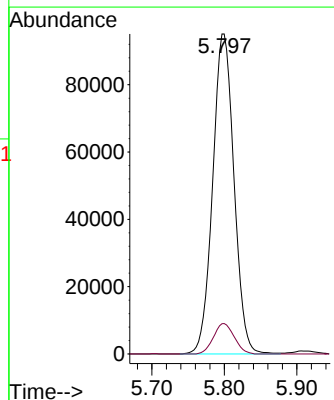
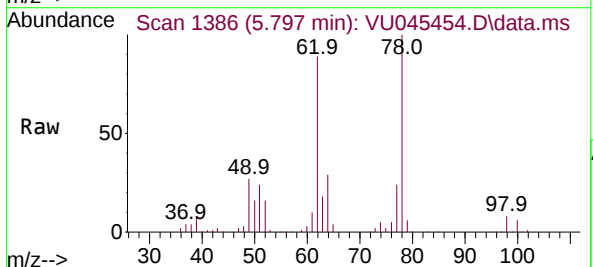
Ion	Ratio	Lower	Upper
41	100		
39	53.0	43.4	65.0
67	74.5	61.0	91.4
52	28.7	23.4	35.0

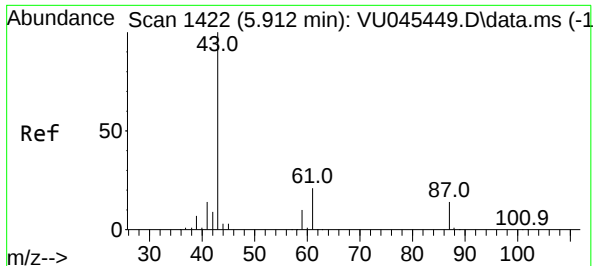


#42
1,2-Dichloroethane
Concen: 53.245 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion: 62 Resp: 194050

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4





#43

Isopropyl Acetate

Concen: 54.263 ug/l

RT: 5.915 min Scan# 1422

Delta R.T. 0.003 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

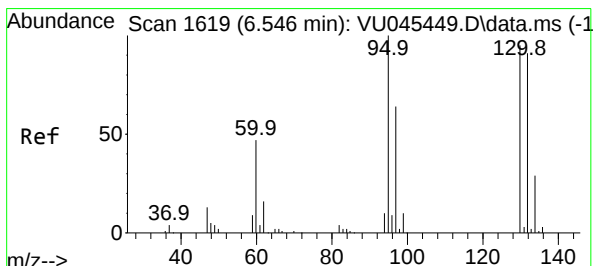
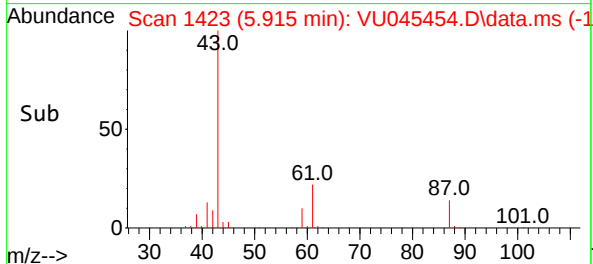
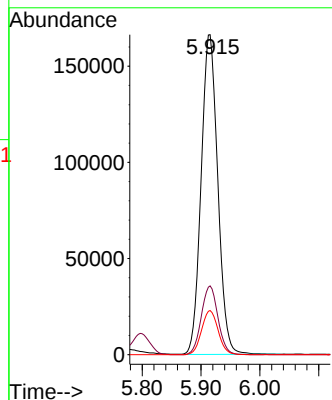
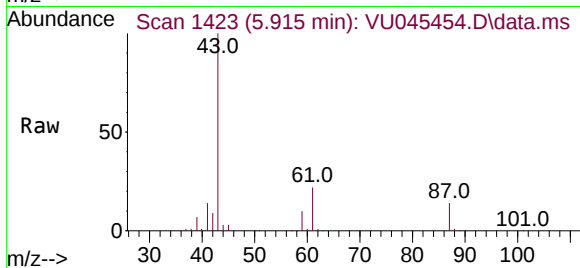
Tgt Ion: 43 Resp: 326476

Ion Ratio Lower Upper

43 100

61 21.5 16.9 25.3

87 13.8 11.0 16.4



#44

Trichloroethene

Concen: 53.707 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045454.D

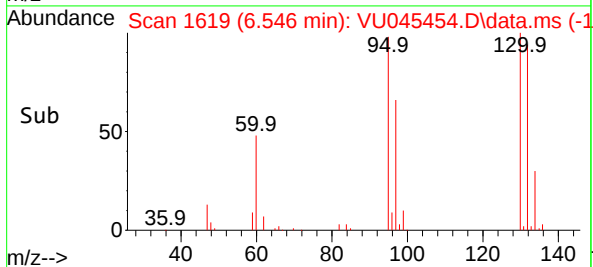
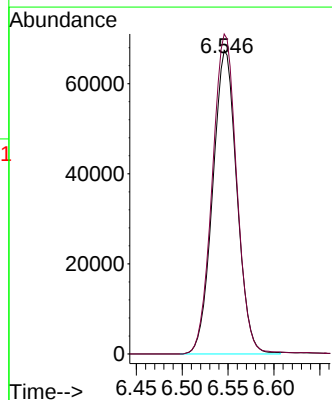
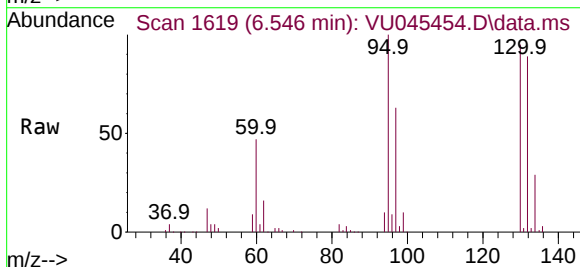
Acq: 29 Oct 2021 10:26

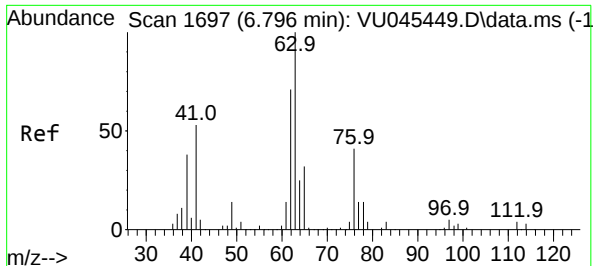
Tgt Ion:130 Resp: 123520

Ion Ratio Lower Upper

130 100

95 105.4 0.0 211.4





#45

1,2-Dichloropropane

Concen: 53.539 ug/l

RT: 6.796 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

Instrument :

MSVOA_U

ClientSampleId :

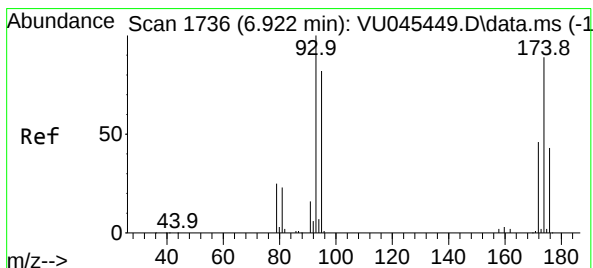
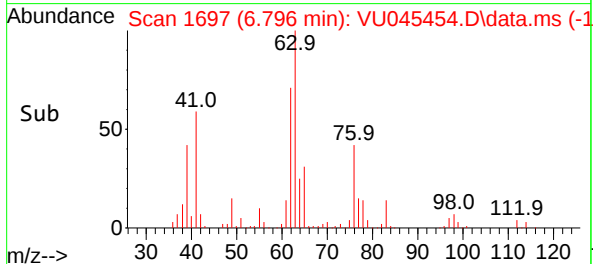
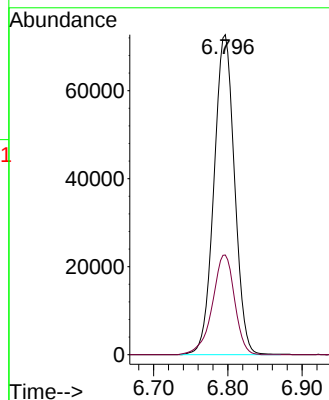
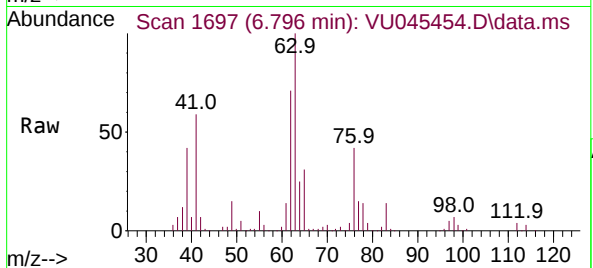
VSTDCCC050

Tgt Ion: 63 Resp: 139817

Ion Ratio Lower Upper

63 100

65 31.1 25.7 38.5



#46

Dibromomethane

Concen: 55.205 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

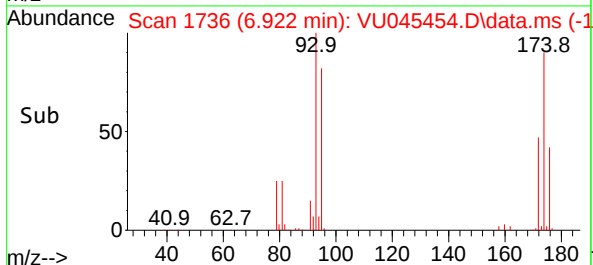
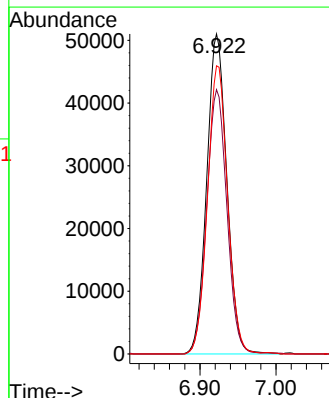
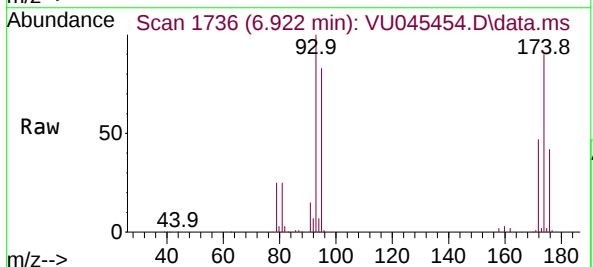
Tgt Ion: 93 Resp: 93871

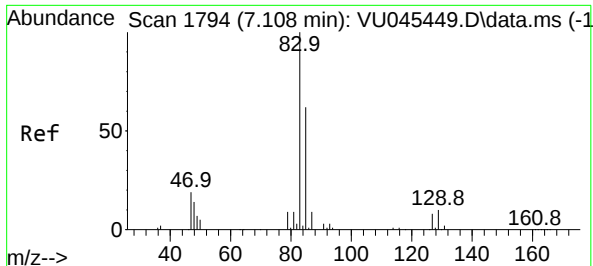
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.2

174 90.0 71.0 106.6





#47

Bromodichloromethane

Concen: 55.086 ug/l

RT: 7.108 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

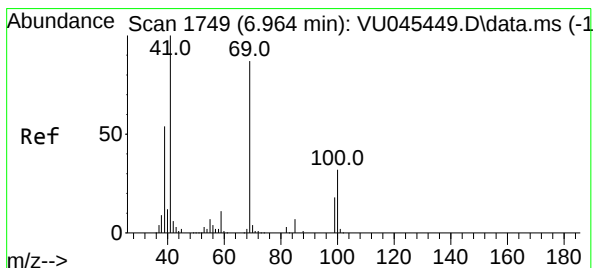
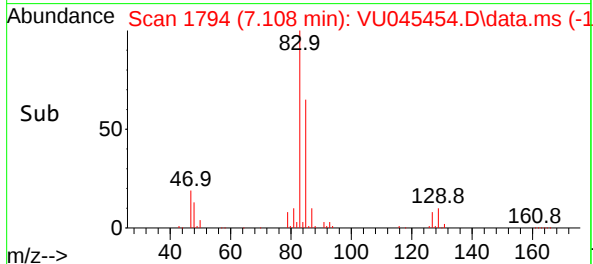
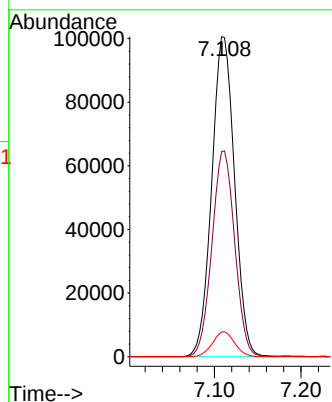
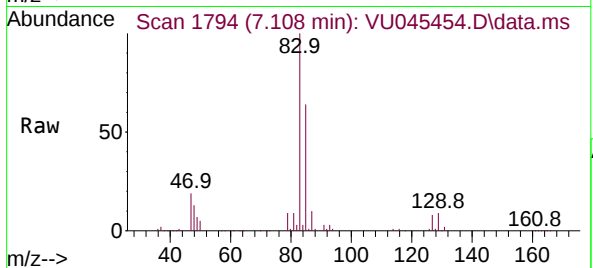
Tgt Ion: 83 Resp: 184344

Ion Ratio Lower Upper

83 100

85 64.1 49.8 74.6

127 7.7 6.2 9.2



#48

Methyl methacrylate

Concen: 54.595 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

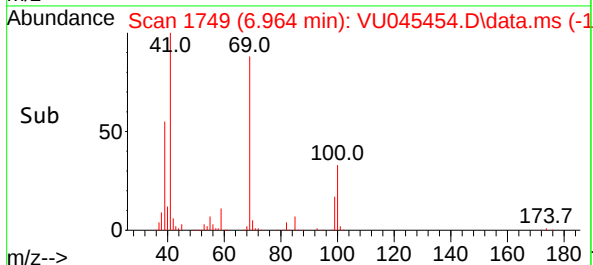
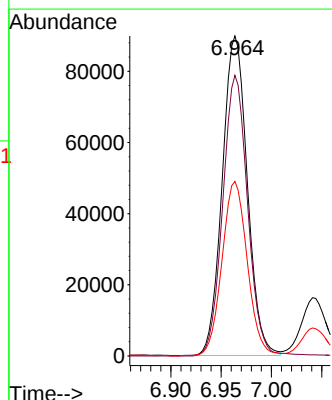
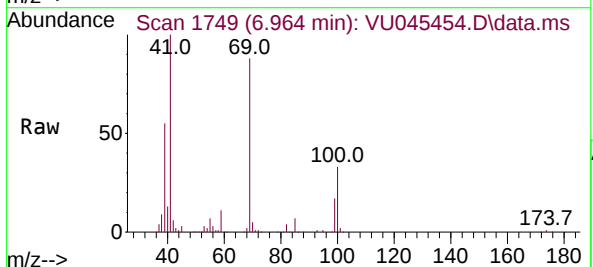
Tgt Ion: 41 Resp: 155691

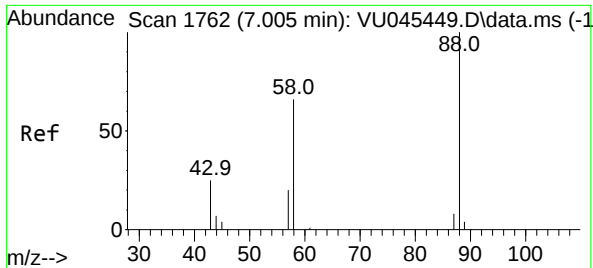
Ion Ratio Lower Upper

41 100

69 87.5 70.2 105.2

39 55.2 43.9 65.9

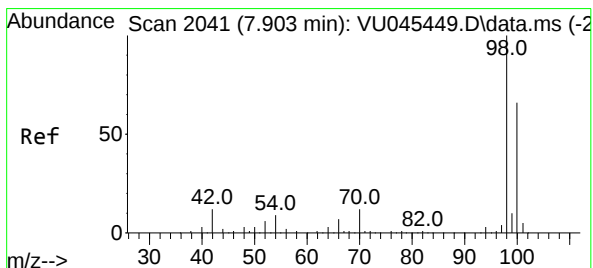
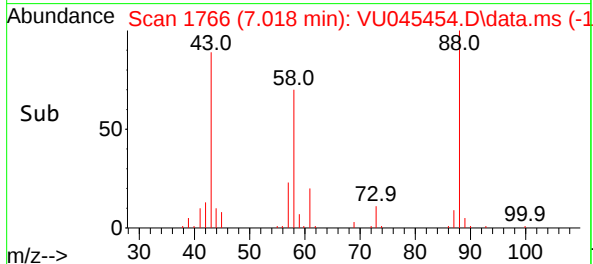
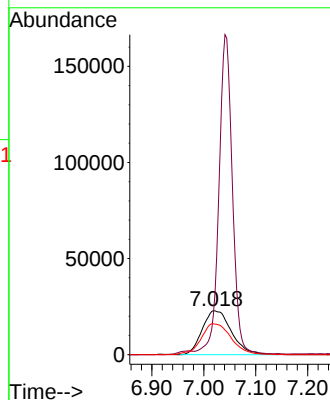
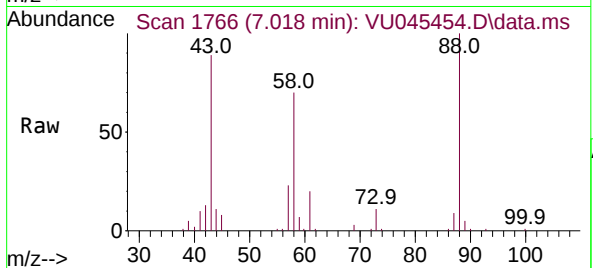




#49
1,4-Dioxane
Concen: 1231.849 ug/l
RT: 7.018 min Scan# 1766
Delta R.T. 0.013 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

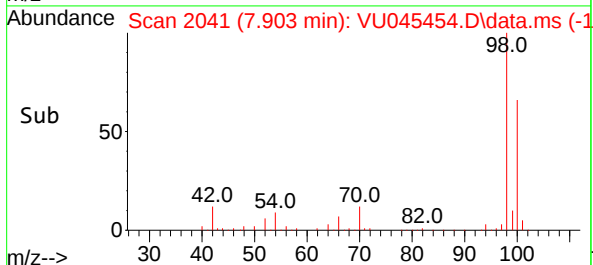
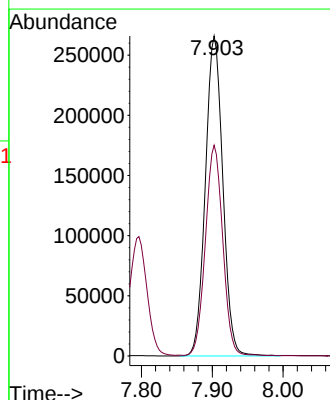
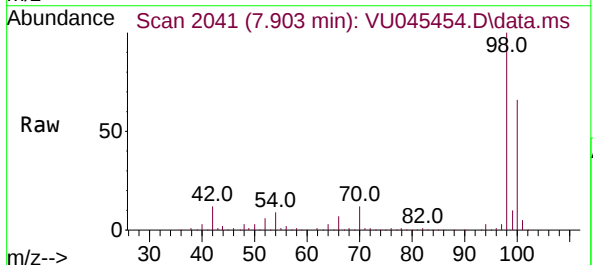
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

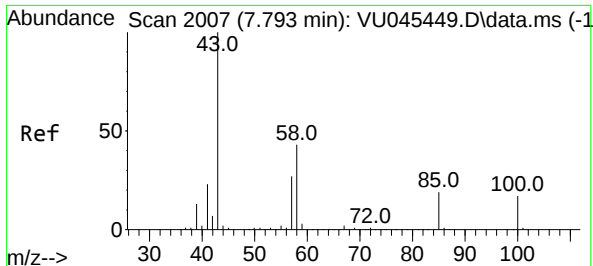
Tgt Ion: 88 Resp: 89278
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 72.3 58.7 88.1



#50
Toluene-d8
Concen: 52.711 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion: 98 Resp: 455140
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 269.320 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

Instrument :

MSVOA_U

ClientSampleId :

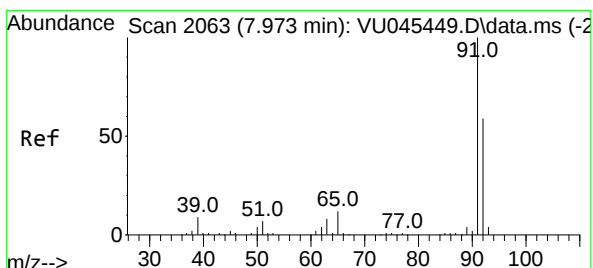
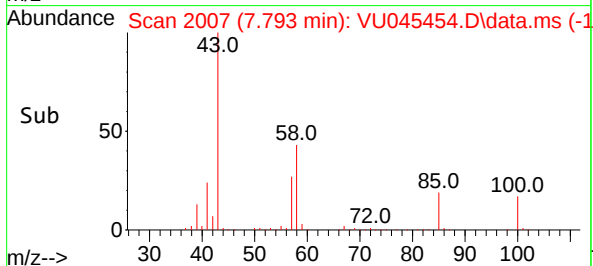
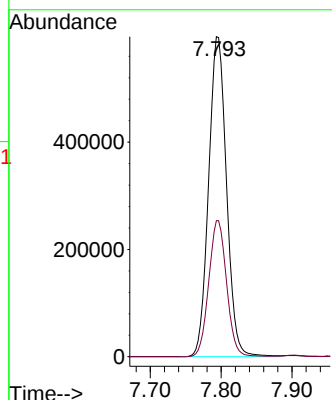
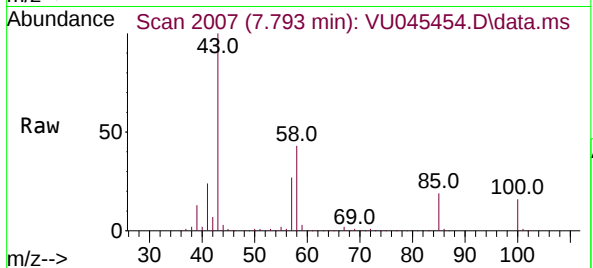
VSTDCCC050

Tgt Ion: 43 Resp: 1047304

Ion Ratio Lower Upper

43 100

58 42.4 33.8 50.8



#52

Toluene

Concen: 54.627 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045454.D

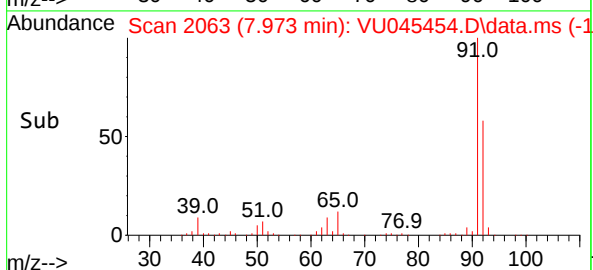
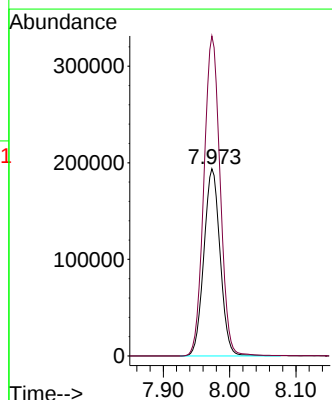
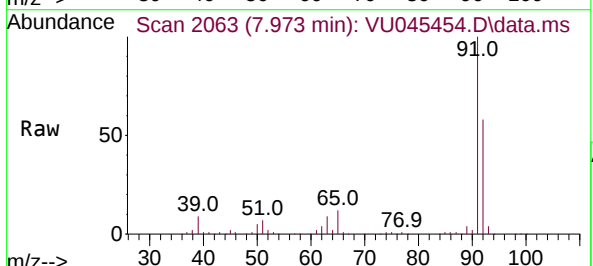
Acq: 29 Oct 2021 10:26

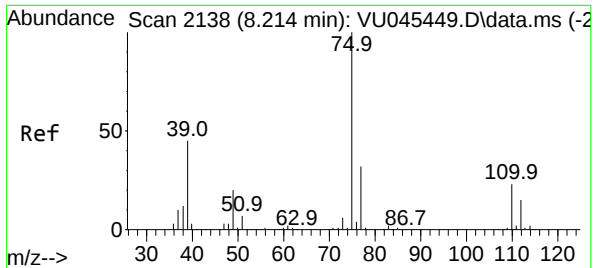
Tgt Ion: 92 Resp: 329517

Ion Ratio Lower Upper

92 100

91 170.8 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 56.429 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

Instrument :

MSVOA_U

ClientSampleId :

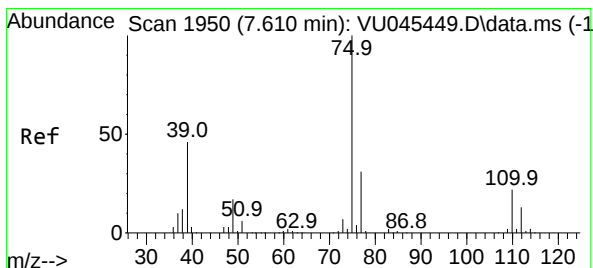
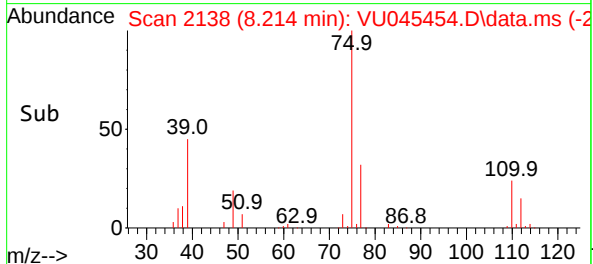
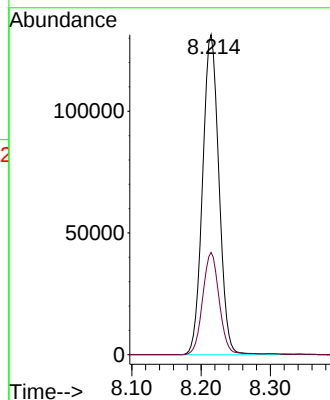
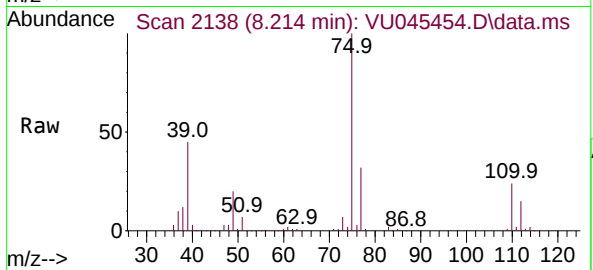
VSTDCCC050

Tgt Ion: 75 Resp: 215232

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 56.108 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

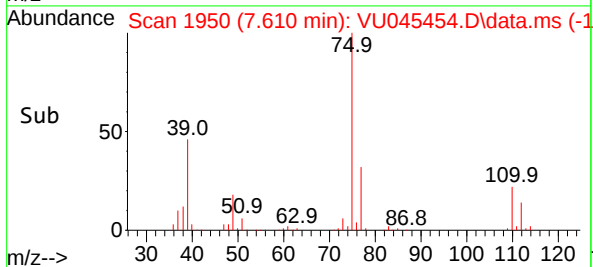
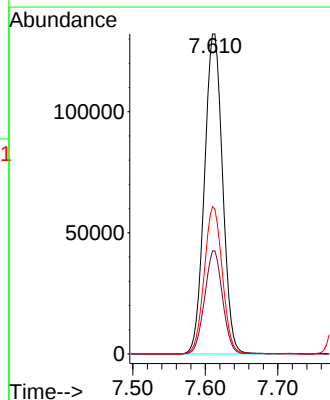
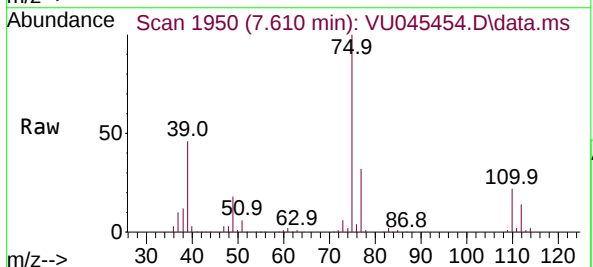
Tgt Ion: 75 Resp: 229186

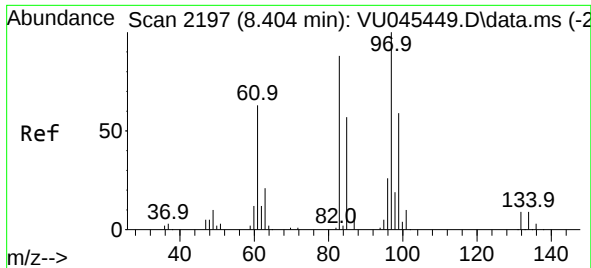
Ion Ratio Lower Upper

75 100

77 32.2 24.6 37.0

39 46.0 37.1 55.7



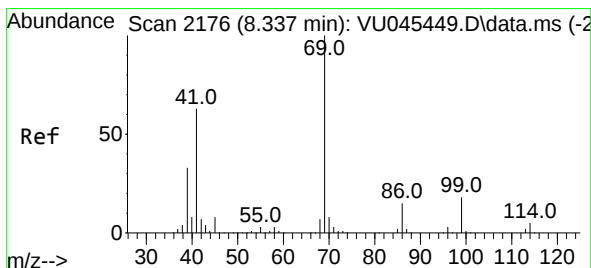
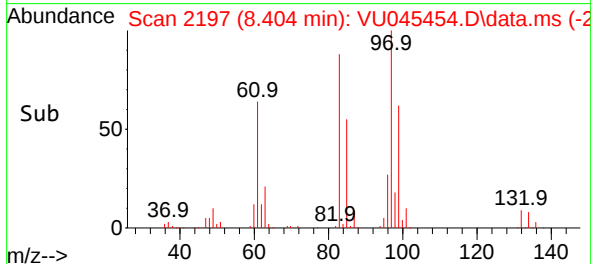
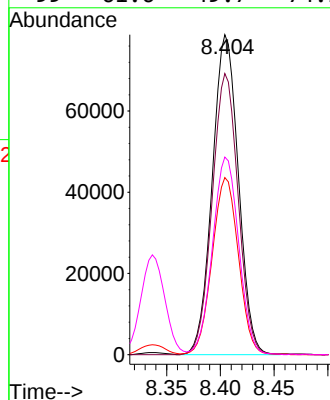
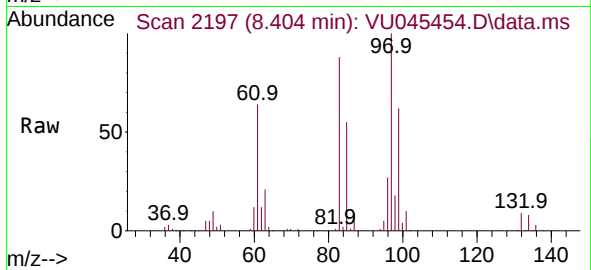


#55
1,1,2-Trichloroethane
Concen: 54.063 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 133209

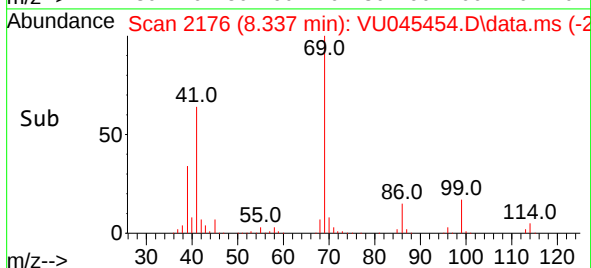
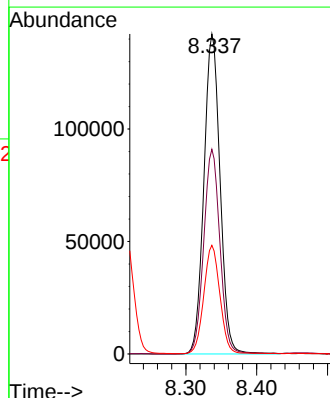
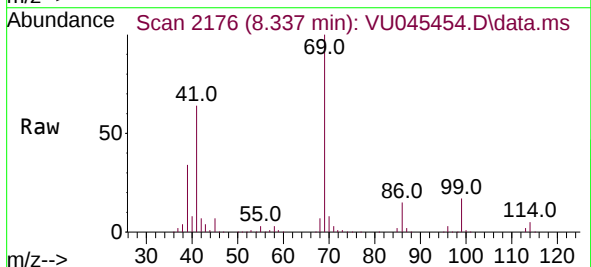
Ion	Ratio	Lower	Upper
97	100		
83	87.8	70.3	105.5
85	55.2	45.5	68.3
99	61.6	49.7	74.5

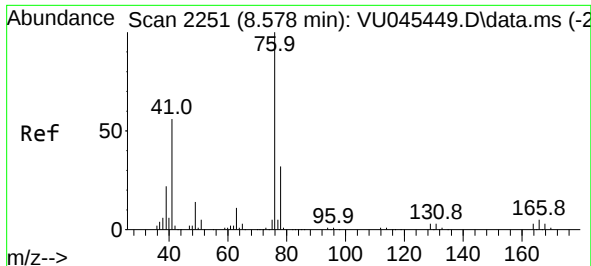


#56
Ethyl methacrylate
Concen: 50.005 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. -0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion: 69 Resp: 225454

Ion	Ratio	Lower	Upper
69	100		
41	64.0	51.0	76.4
39	33.5	26.6	39.8





#57

1,3-Dichloropropane

Concen: 54.041 ug/l

RT: 8.581 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

Instrument :

MSVOA_U

ClientSampleId :

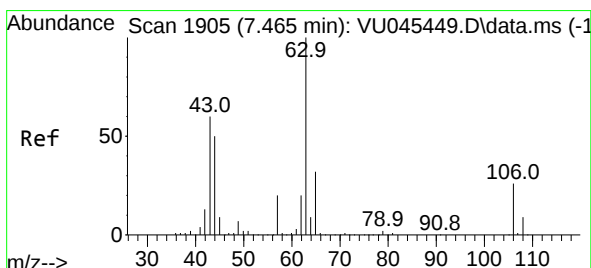
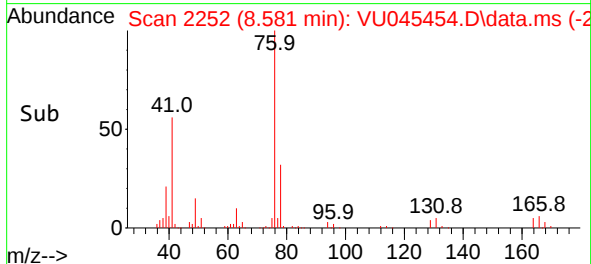
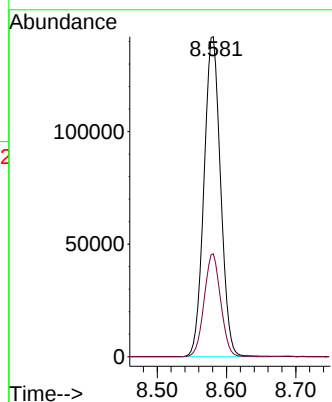
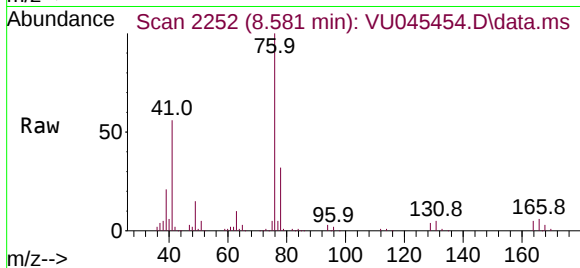
VSTDCCC050

Tgt Ion: 76 Resp: 236360

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 265.149 ug/l

RT: 7.468 min Scan# 1906

Delta R.T. 0.003 min

Lab File: VU045454.D

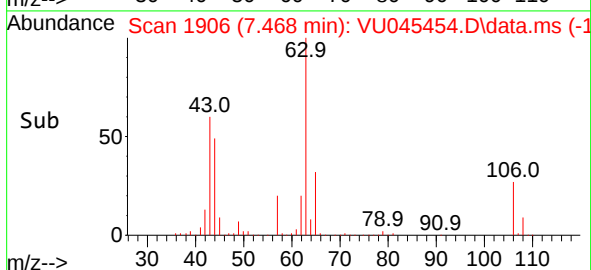
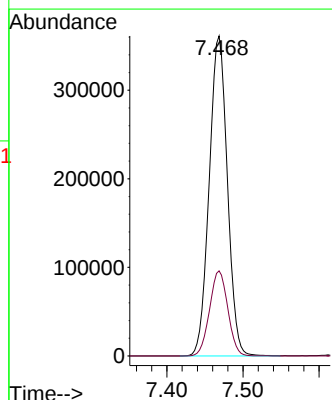
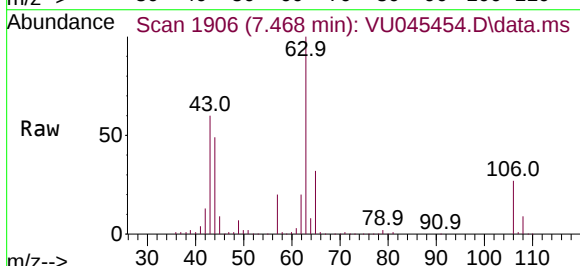
Acq: 29 Oct 2021 10:26

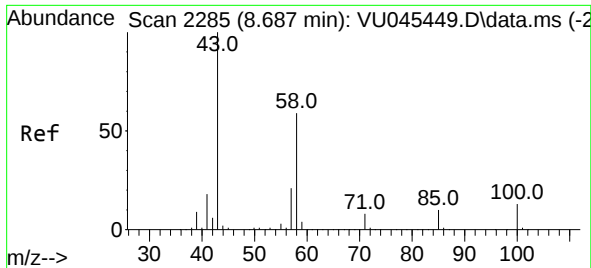
Tgt Ion: 63 Resp: 598837

Ion Ratio Lower Upper

63 100

106 26.7 21.0 31.4

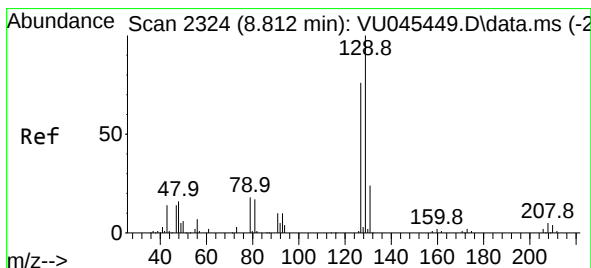
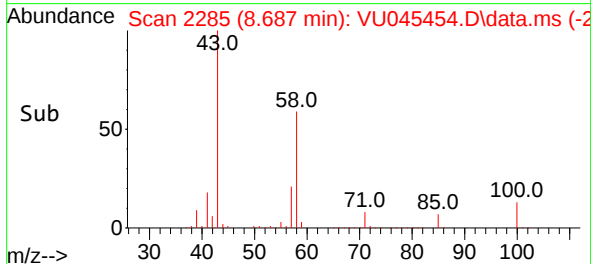
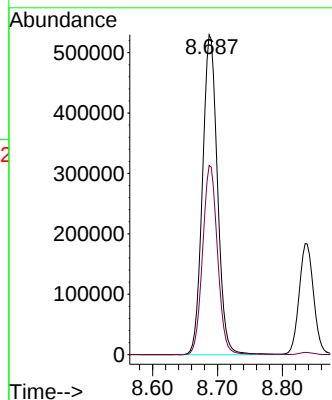
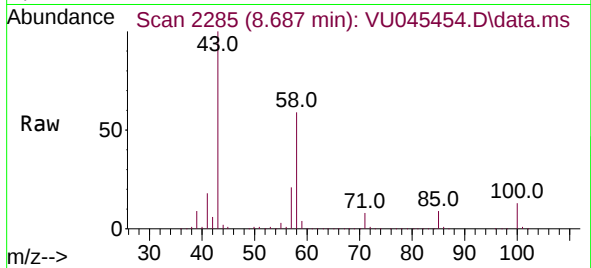




#59
2-Hexanone
Concen: 281.994 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

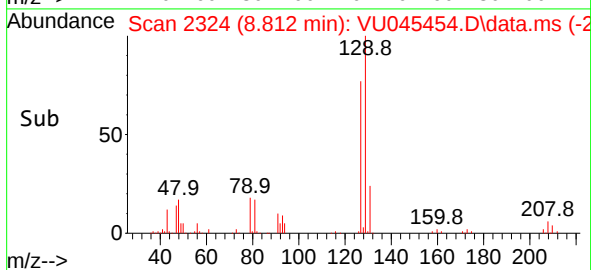
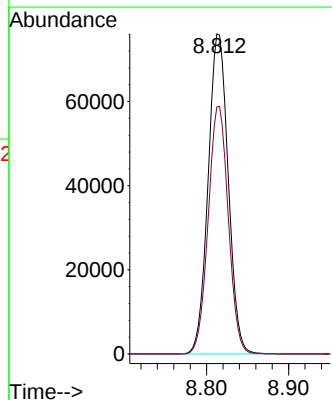
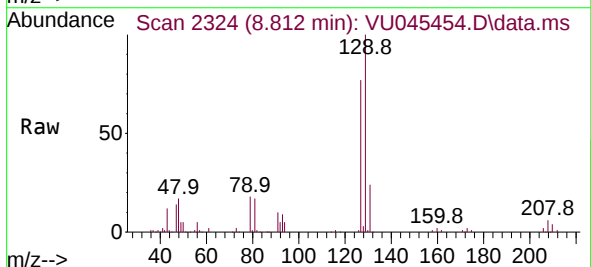
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

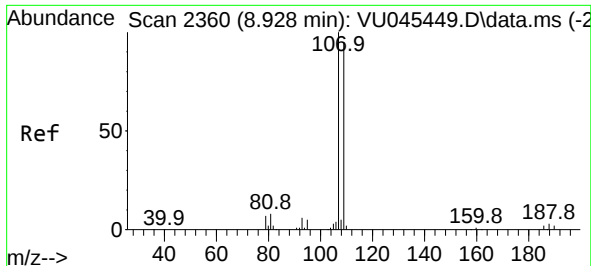
Tgt Ion: 43 Resp: 849625
Ion Ratio Lower Upper
43 100
58 59.1 29.5 88.6



#60
Dibromochloromethane
Concen: 54.726 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion: 129 Resp: 129410
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3

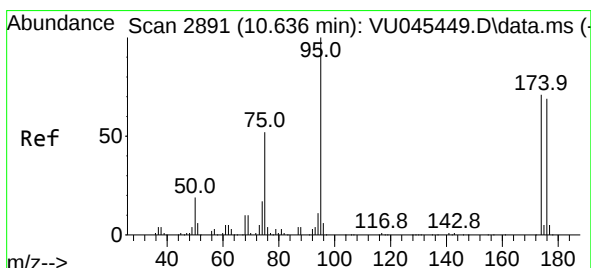
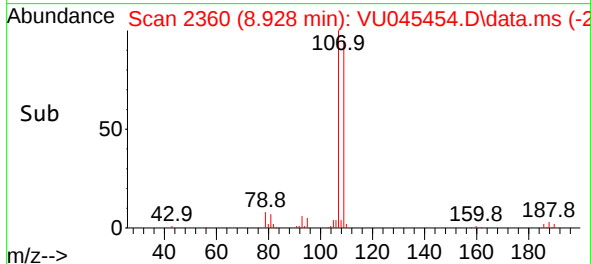
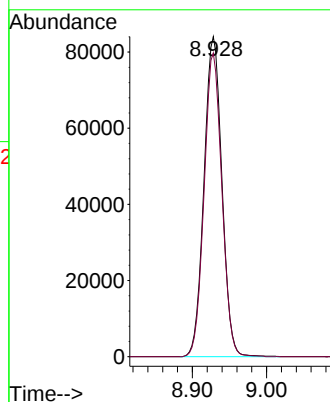
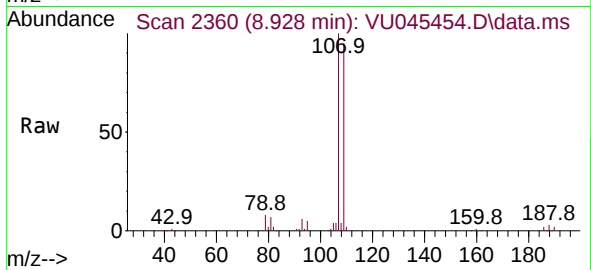




#61
1,2-Dibromoethane
Concen: 54.453 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

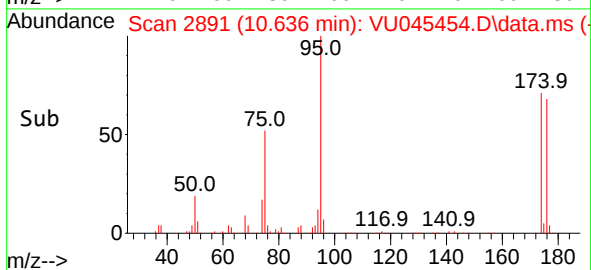
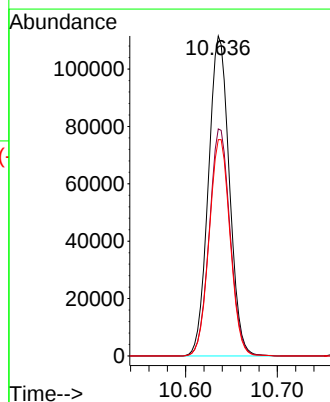
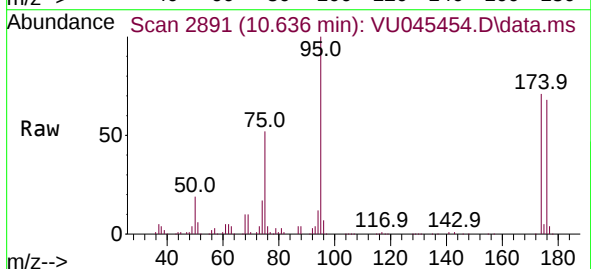
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

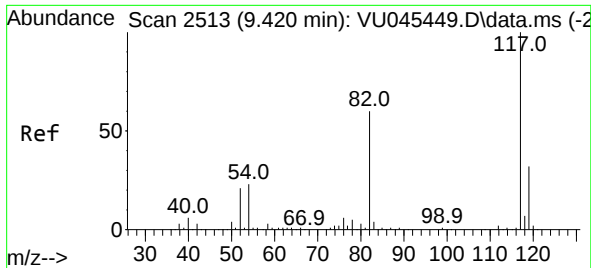
Tgt Ion:107 Resp: 140534
Ion Ratio Lower Upper
107 100
109 94.0 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 53.874 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion: 95 Resp: 177261
Ion Ratio Lower Upper
95 100
174 70.8 0.0 141.8
176 67.6 0.0 138.2

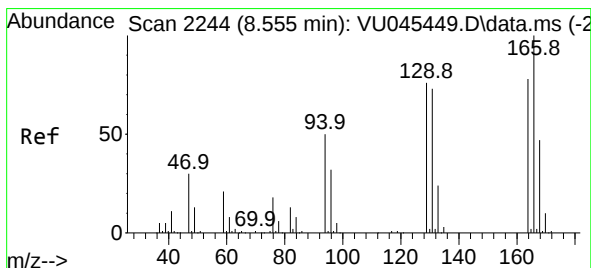
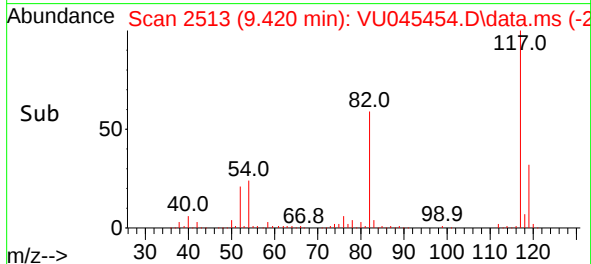
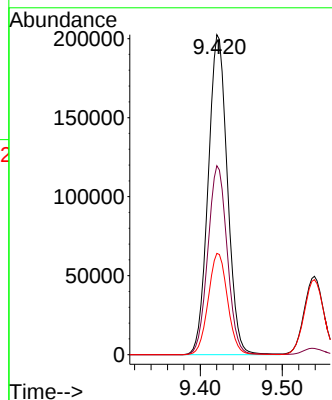
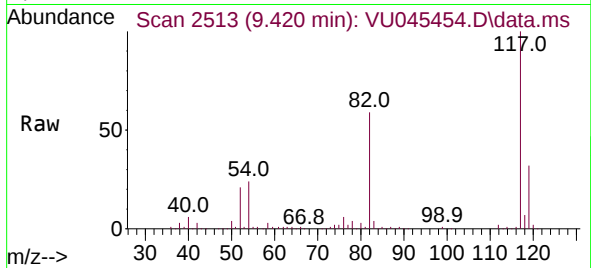




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

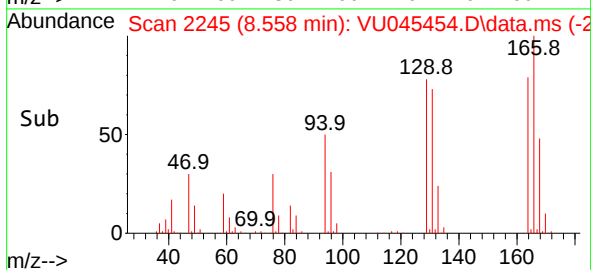
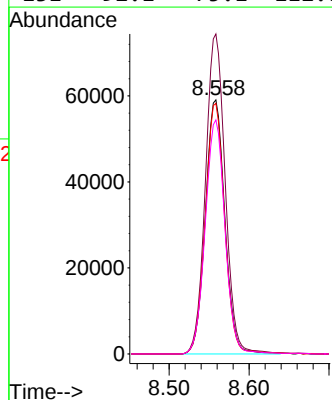
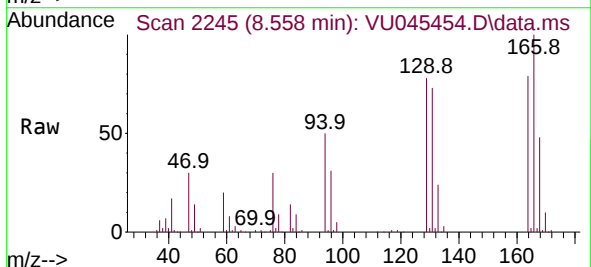
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

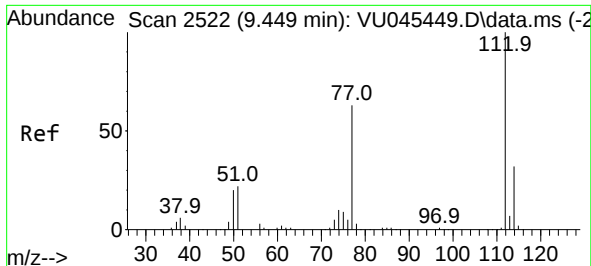
Tgt Ion:117 Resp: 330622
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.8
119 31.7 25.8 38.8



#64
Tetrachloroethene
Concen: 53.166 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion:164 Resp: 100479
Ion Ratio Lower Upper
164 100
166 125.9 102.2 153.4
129 98.6 78.2 117.4
131 92.1 75.1 112.7

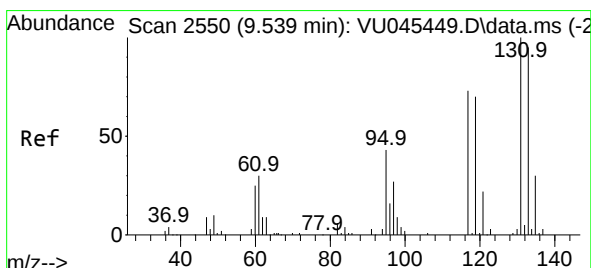
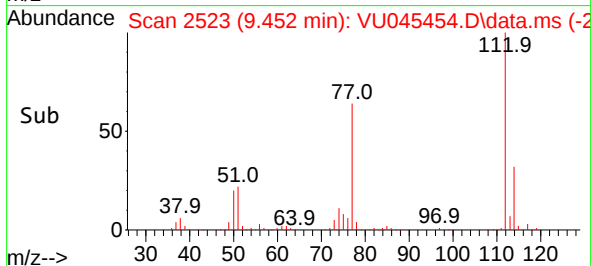
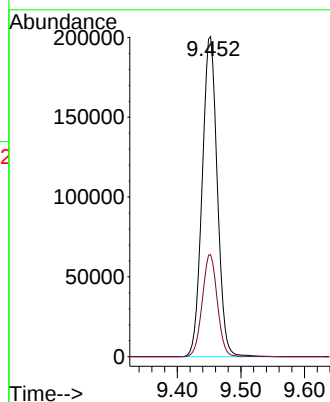
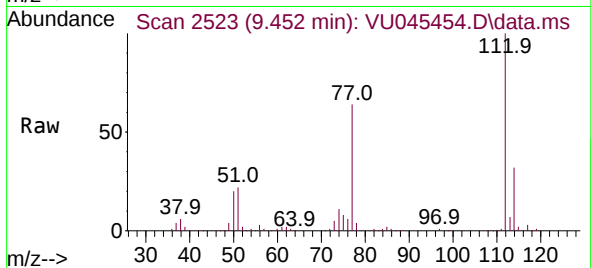




#65
Chlorobenzene
Concen: 52.837 ug/l
RT: 9.452 min Scan# 2523
Delta R.T. 0.003 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

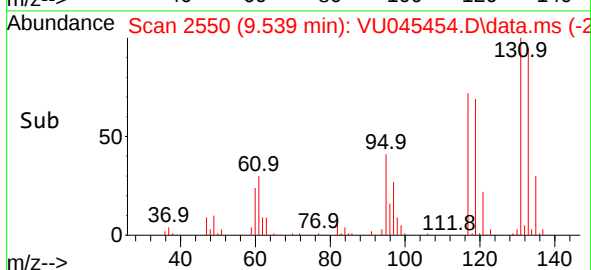
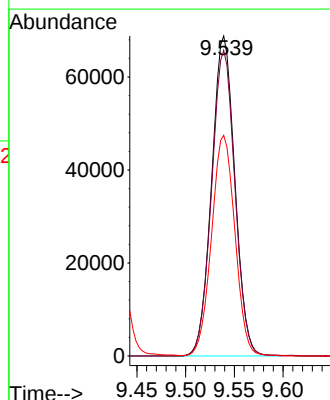
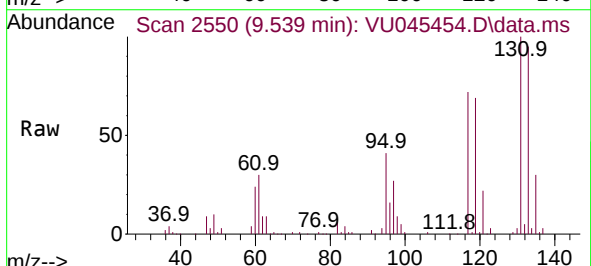
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

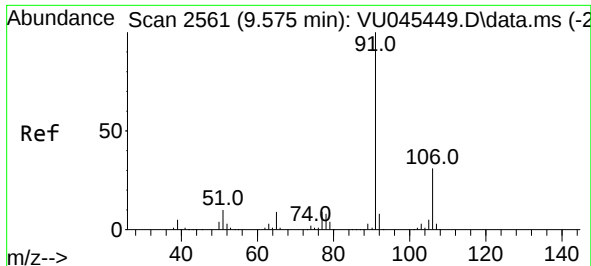
Tgt Ion:112 Resp: 331211
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.848 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. -0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion:131 Resp: 113885
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.6
119 69.6 34.5 103.6





#67

Ethyl Benzene

Concen: 54.699 ug/l

RT: 9.575 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

Instrument :

MSVOA_U

ClientSampleId :

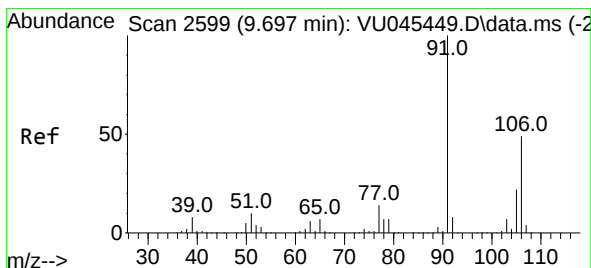
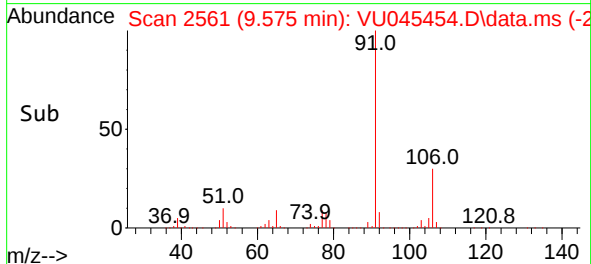
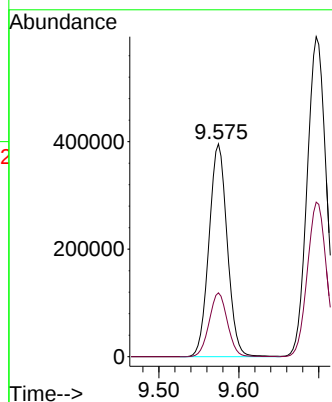
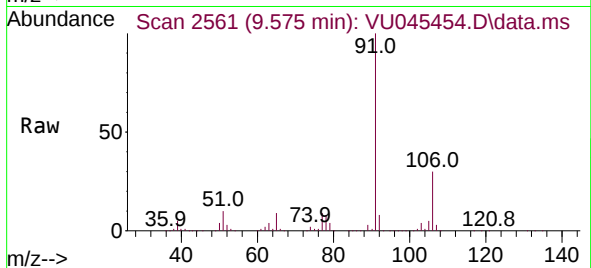
VSTDCCC050

Tgt Ion: 91 Resp: 628104

Ion Ratio Lower Upper

91 100

106 30.0 24.6 36.8



#68

m/p-Xylenes

Concen: 110.580 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045454.D

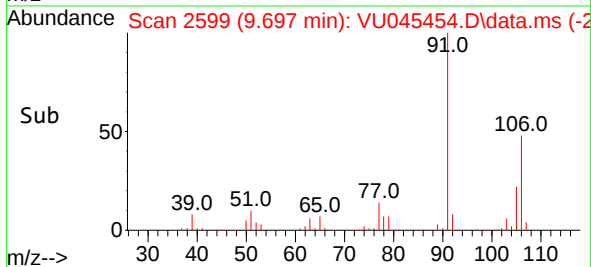
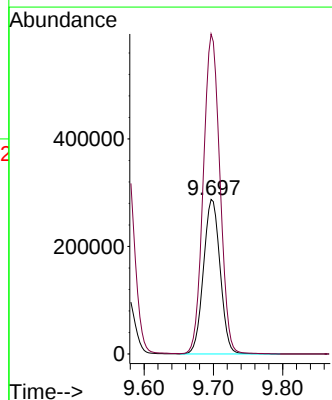
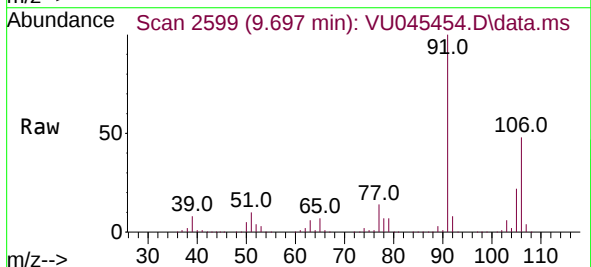
Acq: 29 Oct 2021 10:26

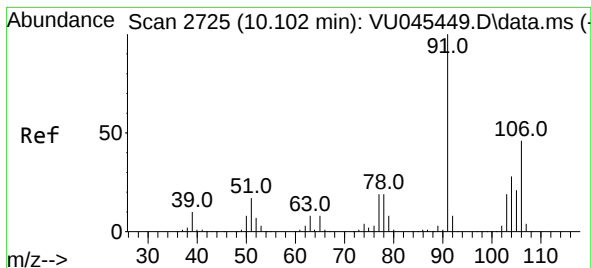
Tgt Ion:106 Resp: 479309

Ion Ratio Lower Upper

106 100

91 206.9 164.7 247.1





#69

o-Xylene

Concen: 55.025 ug/l

RT: 10.105 min Scan# 2725

Delta R.T. 0.003 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

Instrument :

MSVOA_U

ClientSampleId :

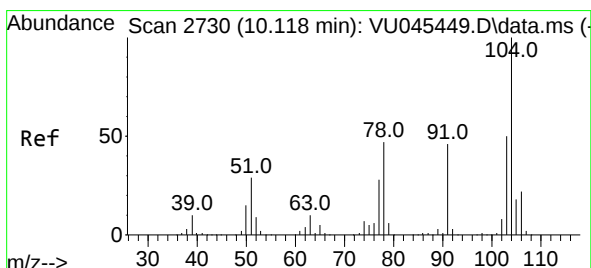
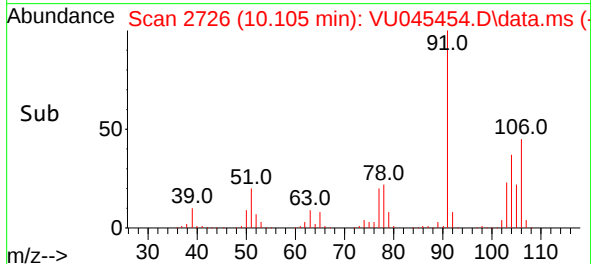
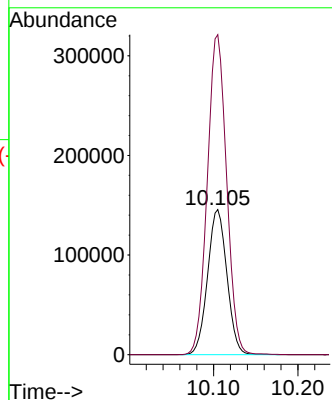
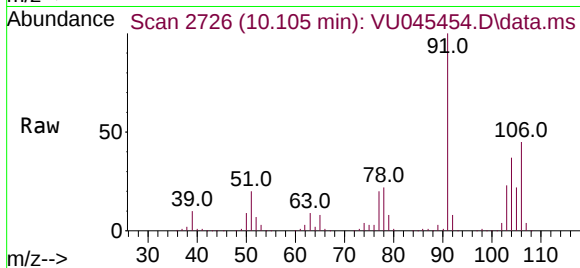
VSTDCCC050

Tgt Ion:106 Resp: 232565

Ion Ratio Lower Upper

106 100

91 220.3 108.7 326.3



#70

Styrene

Concen: 51.017 ug/l

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

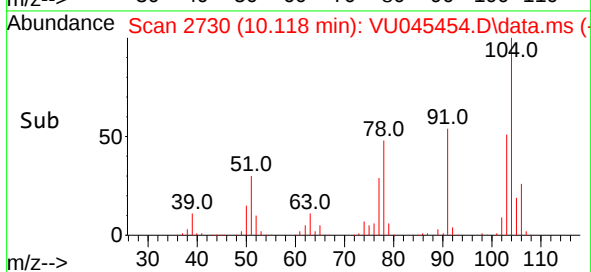
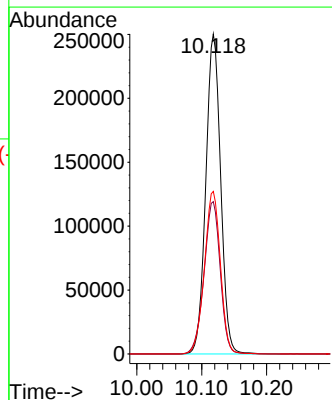
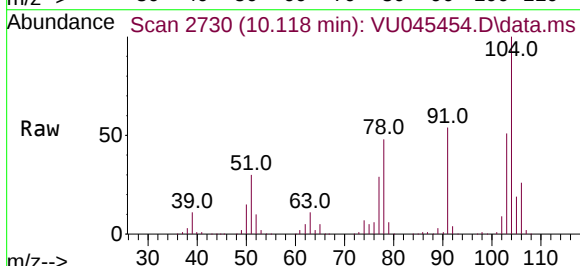
Tgt Ion:104 Resp: 398850

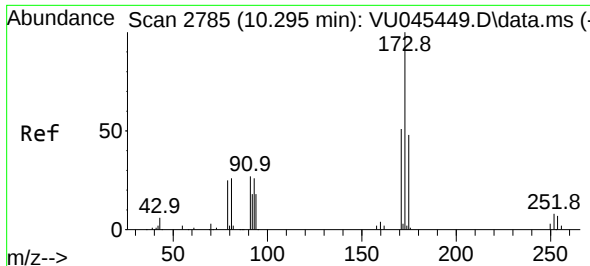
Ion Ratio Lower Upper

104 100

78 51.9 41.8 62.6

103 54.7 43.8 65.6

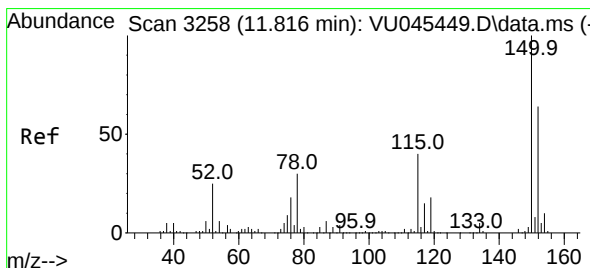
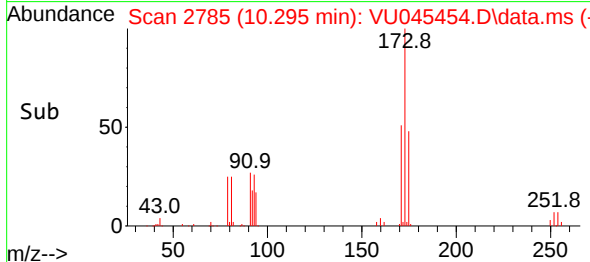
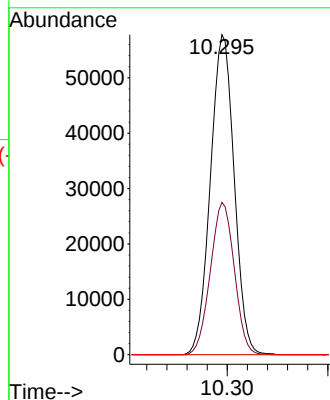
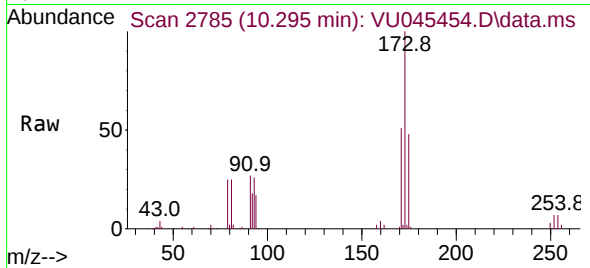




#71
Bromoform
Concen: 49.619 ug/l
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

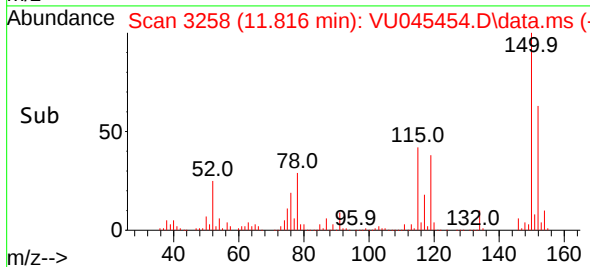
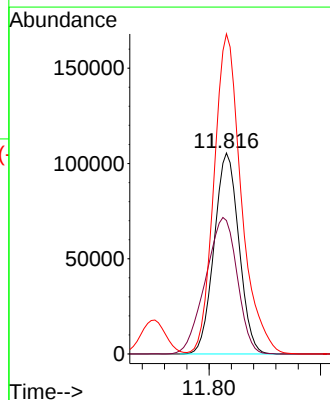
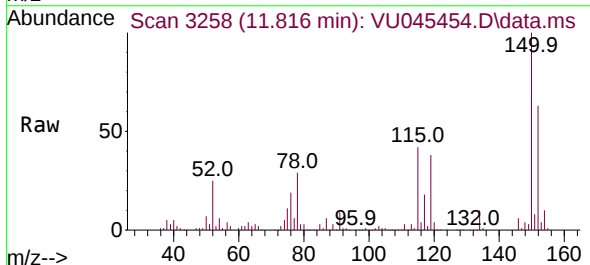
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

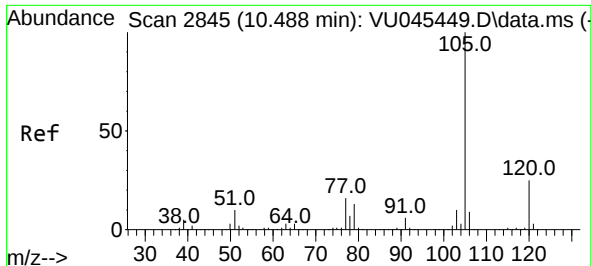
Tgt Ion:173 Resp: 94888
Ion Ratio Lower Upper
173 100
175 47.9 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion:152 Resp: 162730
Ion Ratio Lower Upper
152 100
115 87.0 42.7 128.1
150 175.6 0.0 346.8

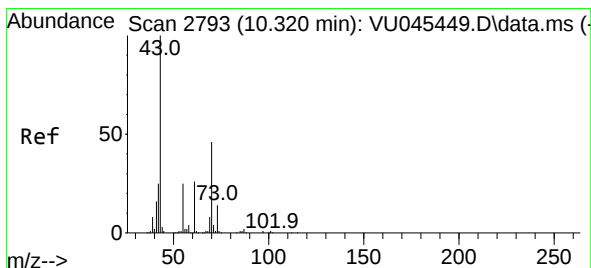
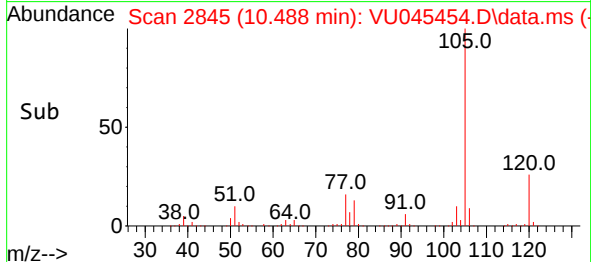
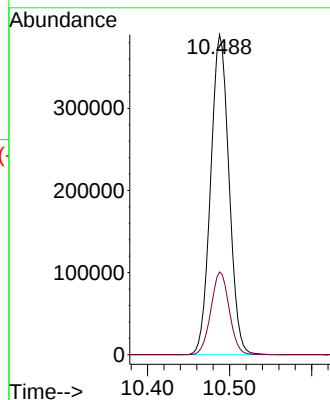
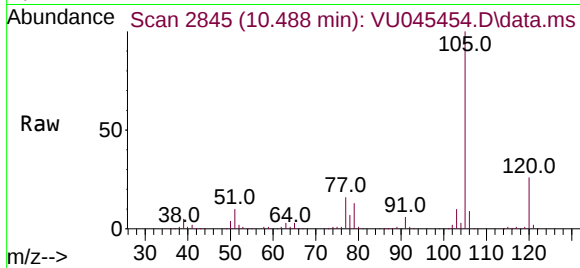




#73
Isopropylbenzene
Concen: 55.164 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

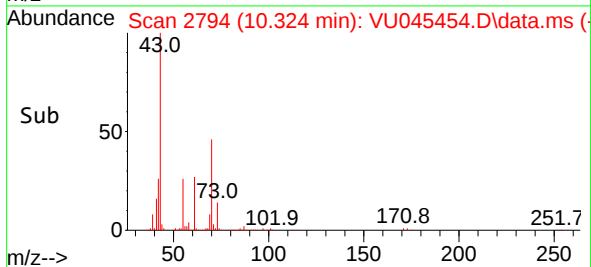
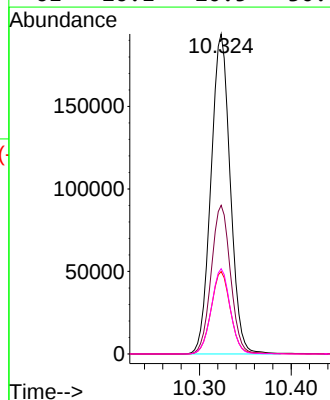
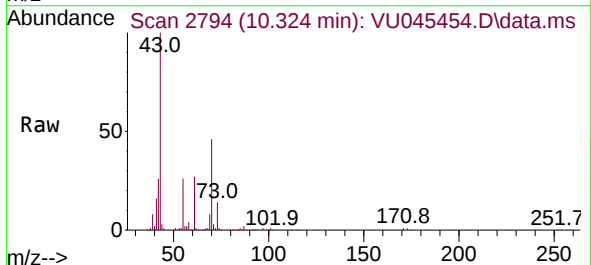
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

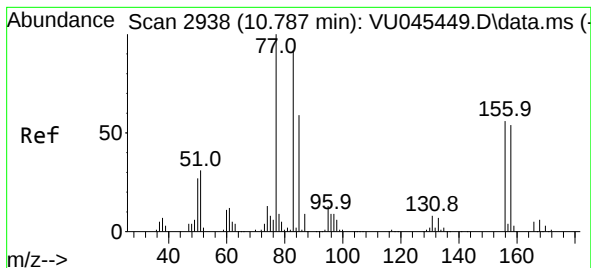
Tgt Ion:105 Resp: 605302
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6



#74
N-ethyl acetate
Concen: 49.773 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.004 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion: 43 Resp: 283243
Ion Ratio Lower Upper
43 100
70 46.6 36.9 55.3
55 25.9 20.6 31.0
61 26.1 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 53.349 ug/l

RT: 10.787 min Scan# 2938

Delta R.T. 0.000 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

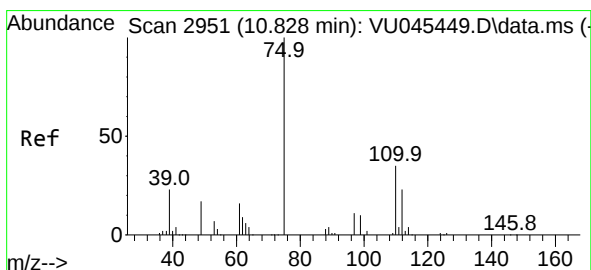
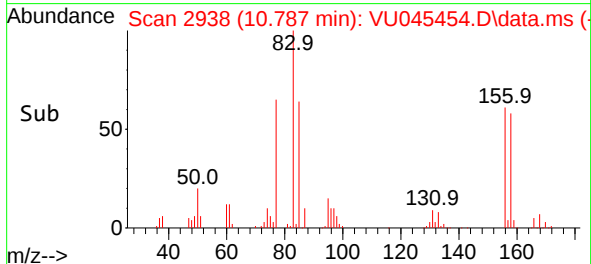
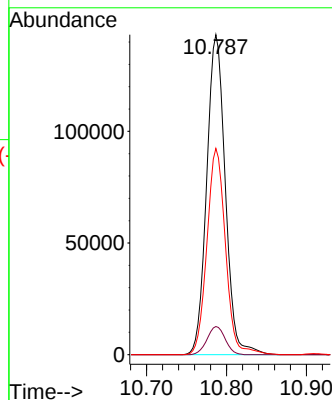
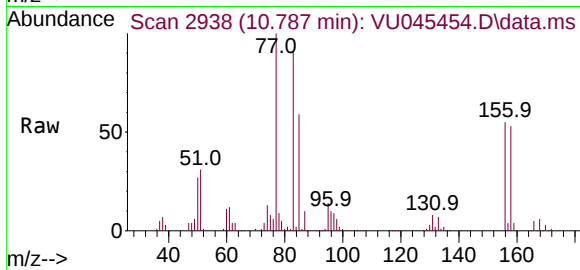
Tgt Ion: 83 Resp: 232334

Ion Ratio Lower Upper

83 100

131 8.6 4.4 13.2

85 64.3 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 61.973 ug/l

RT: 10.828 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU045454.D

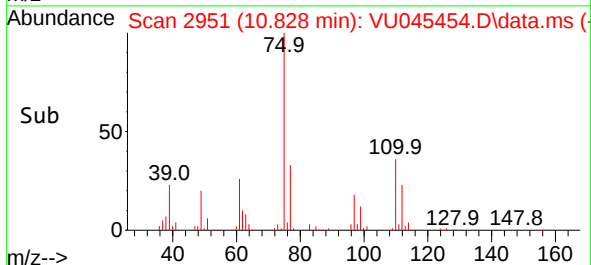
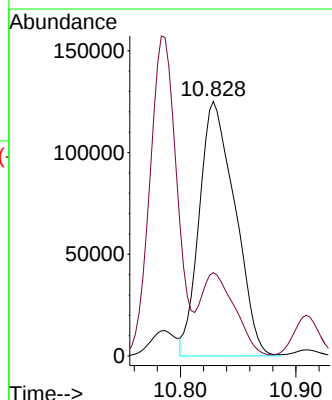
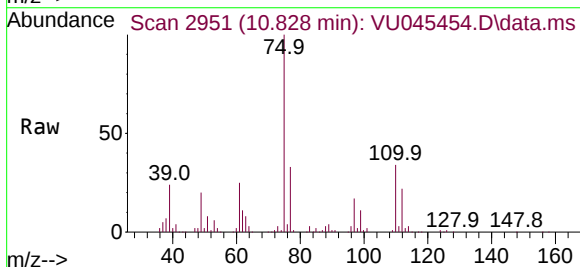
Acq: 29 Oct 2021 10:26

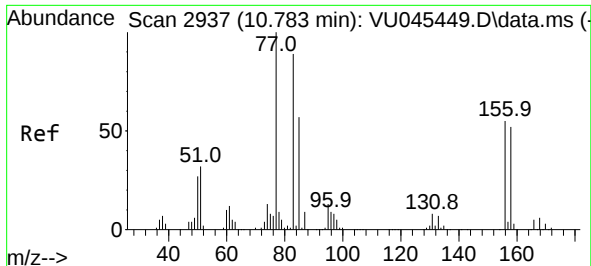
Tgt Ion: 75 Resp: 268701

Ion Ratio Lower Upper

75 100

77 30.6 17.1 51.3

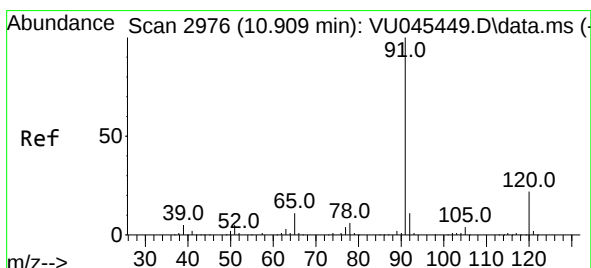
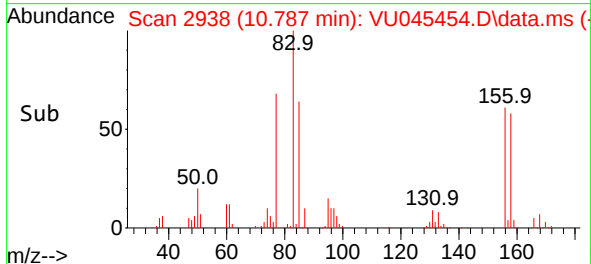
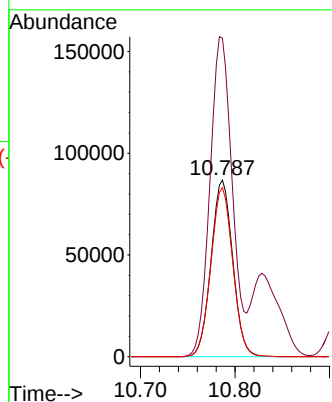
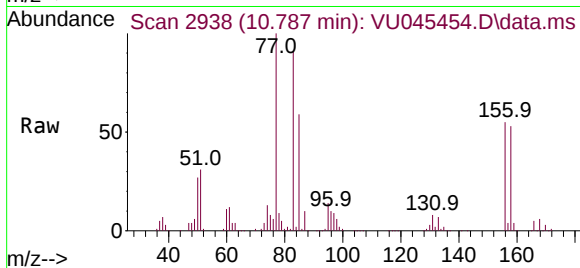




#77
Bromobenzene
Concen: 53.925 ug/l
RT: 10.787 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

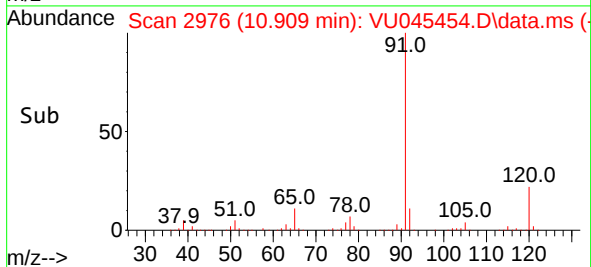
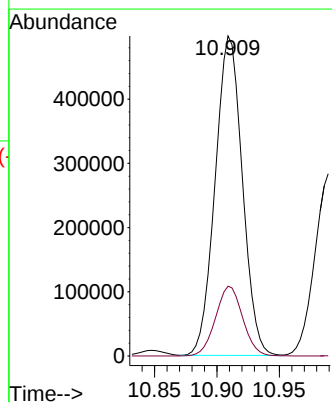
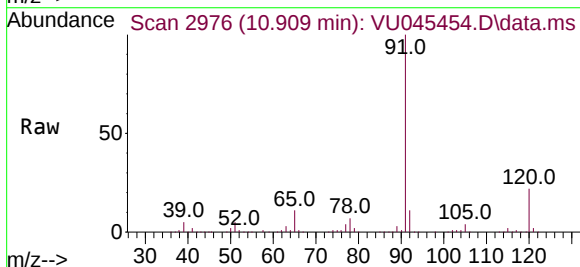
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

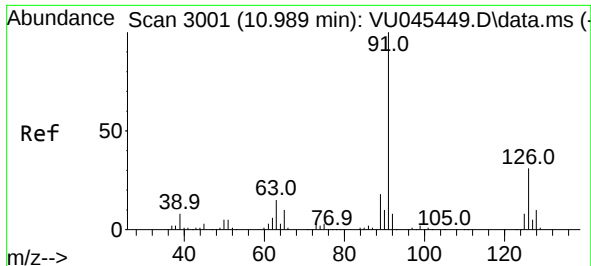
Tgt Ion:156 Resp: 138060
Ion Ratio Lower Upper
156 100
77 187.1 91.1 273.4
158 96.6 47.9 143.6



#78
n-propylbenzene
Concen: 56.764 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion: 91 Resp: 755131
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.7

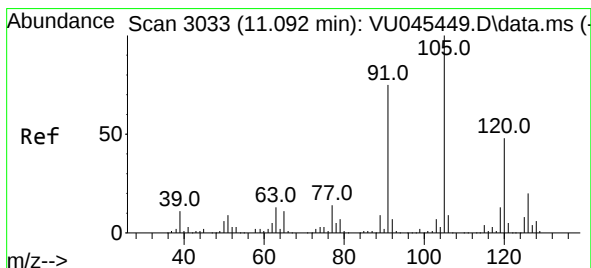
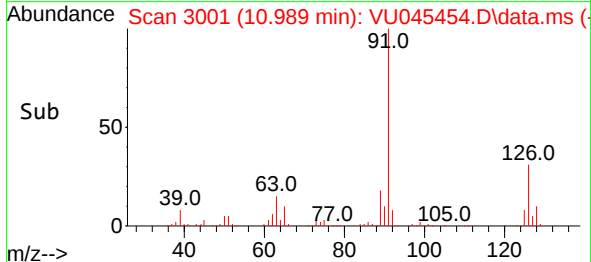
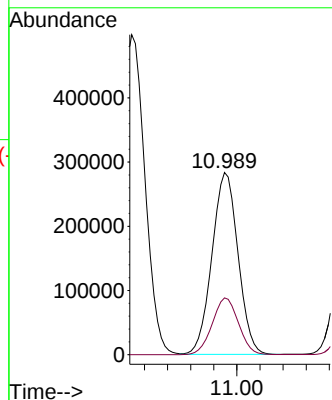
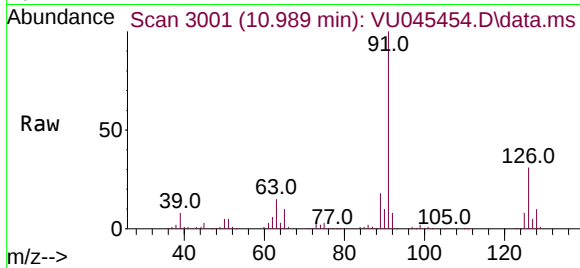




#79
2-Chlorotoluene
Concen: 55.365 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

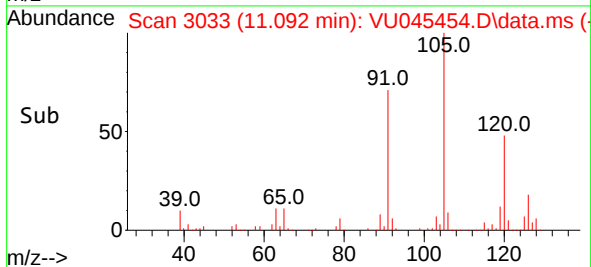
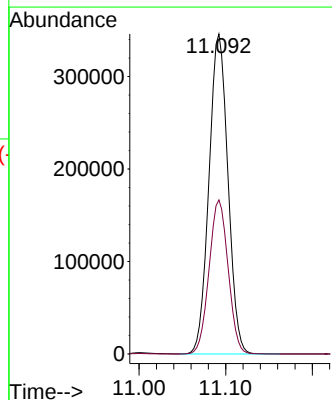
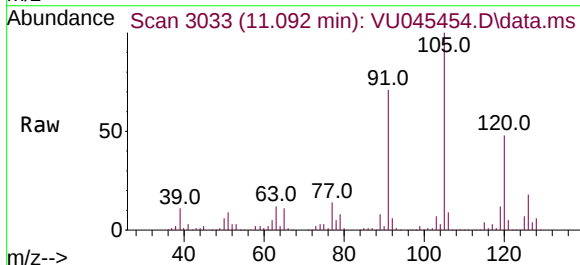
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

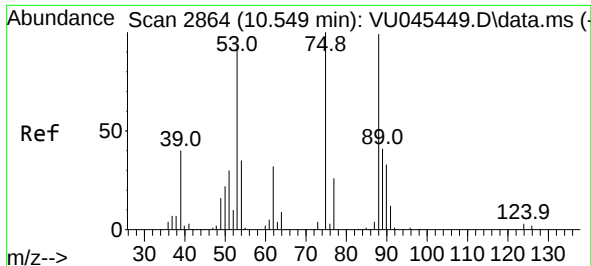
Tgt Ion: 91 Resp: 443325
Ion Ratio Lower Upper
91 100
126 31.4 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 56.934 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion: 105 Resp: 525677
Ion Ratio Lower Upper
105 100
120 48.4 23.9 71.8

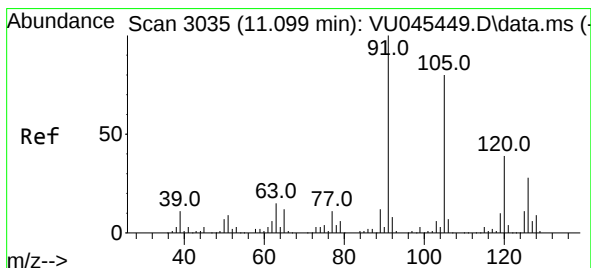
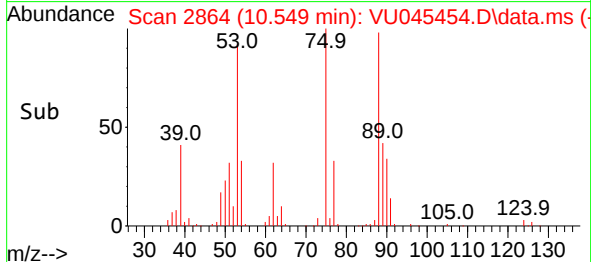
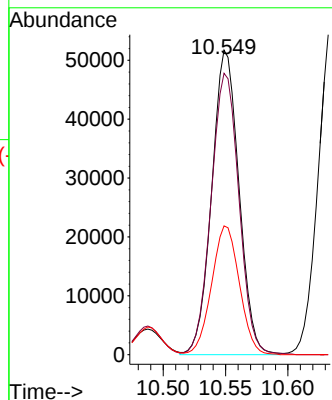
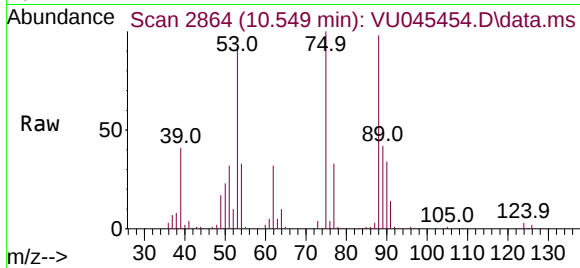




#81
trans-1,4-Dichloro-2-butene
Concen: 50.613 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

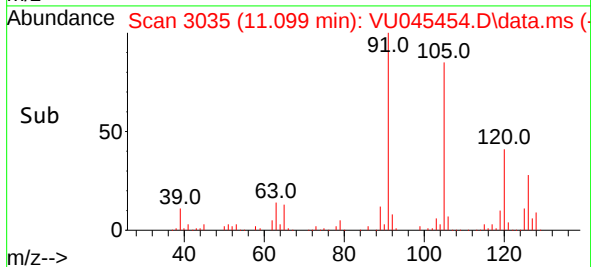
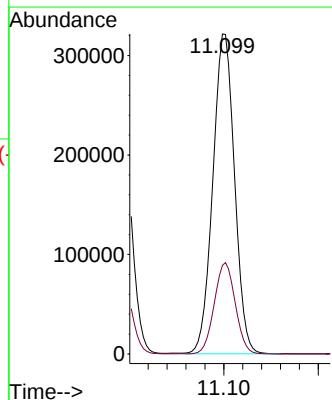
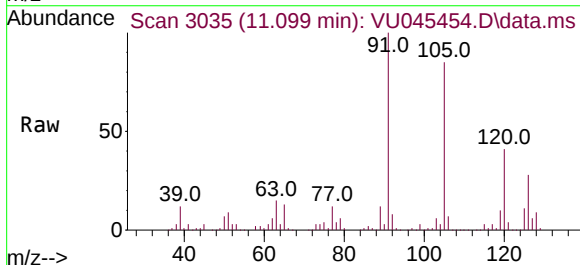
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

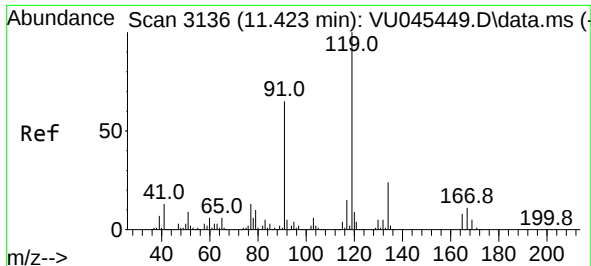
Tgt Ion: 75 Resp: 78608
Ion Ratio Lower Upper
75 100
53 94.7 76.2 114.4
89 43.2 34.0 51.0



#82
4-Chlorotoluene
Concen: 56.268 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion: 91 Resp: 512353
Ion Ratio Lower Upper
91 100
126 27.6 13.8 41.4

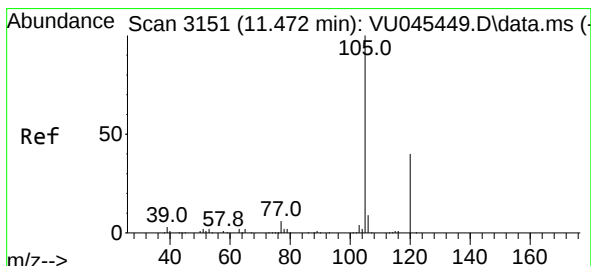
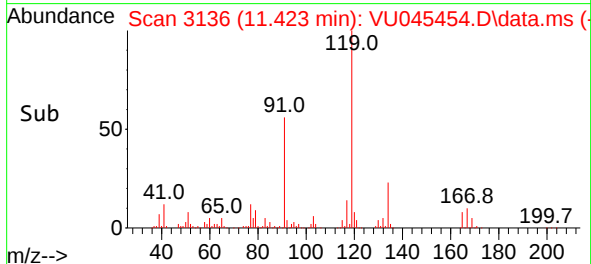
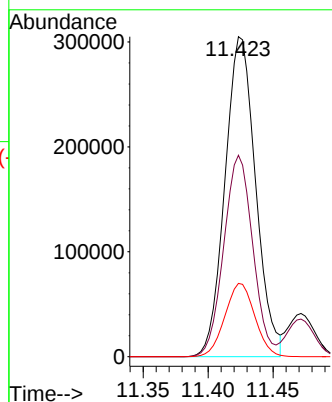
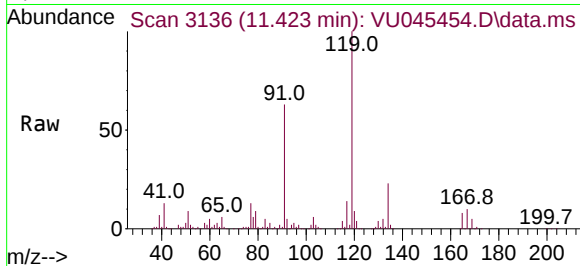




#83
tert-Butylbenzene
Concen: 56.259 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

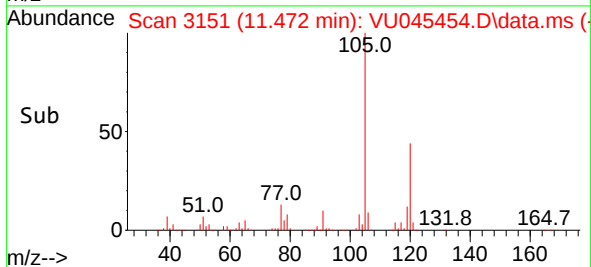
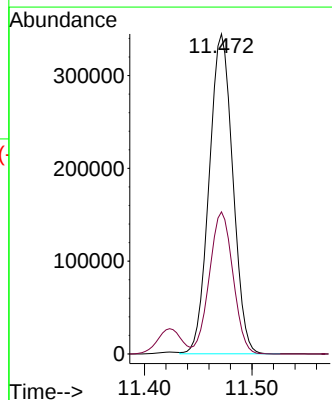
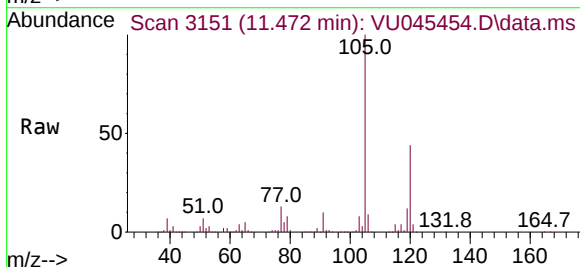
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

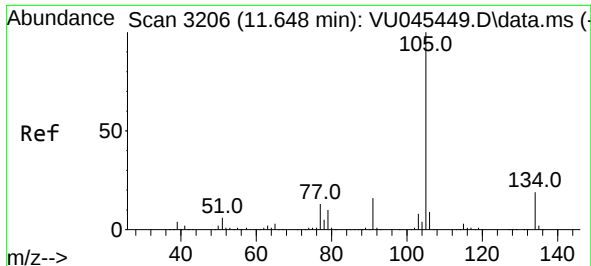
Tgt Ion:119 Resp: 501398
Ion Ratio Lower Upper
119 100
91 59.6 30.5 91.5
134 22.4 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 56.880 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion:105 Resp: 526210
Ion Ratio Lower Upper
105 100
120 44.4 22.2 66.6

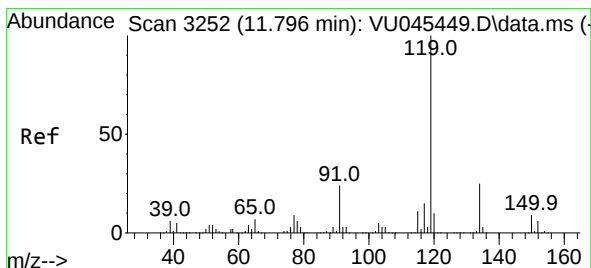
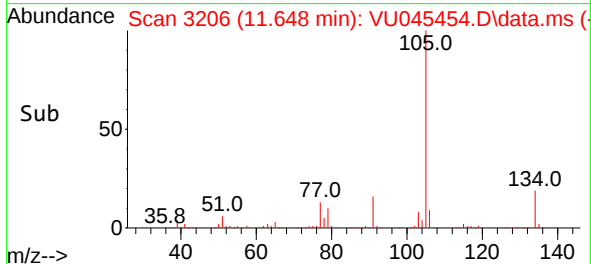
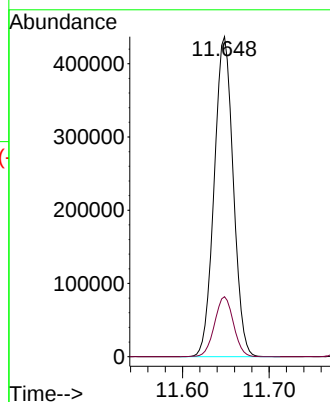
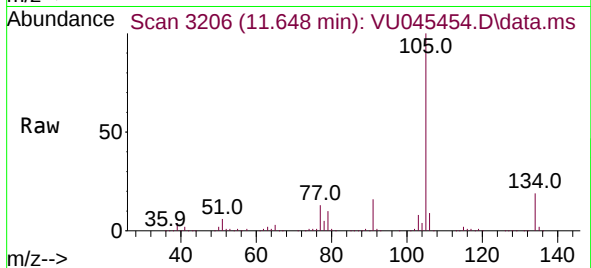




#85
 sec-Butylbenzene
 Concen: 56.997 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU045454.D
 Acq: 29 Oct 2021 10:26

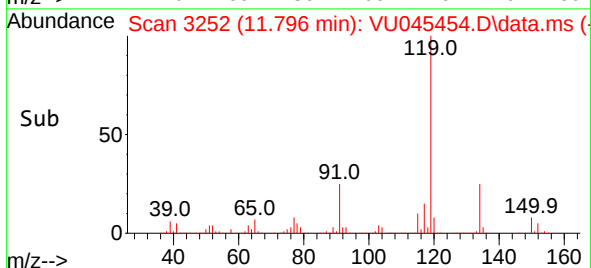
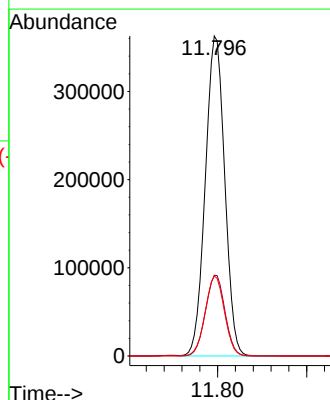
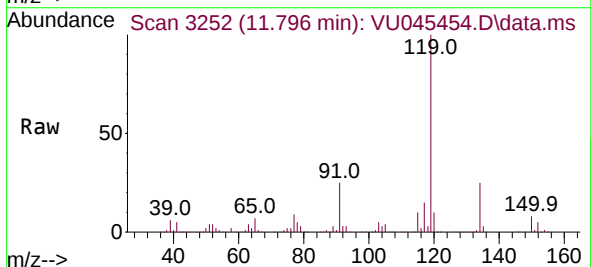
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

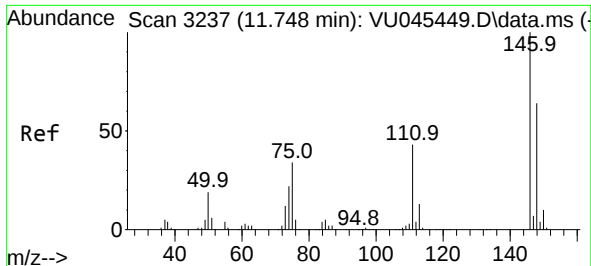
Tgt Ion:105 Resp: 666608
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 52.791 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045454.D
 Acq: 29 Oct 2021 10:26

Tgt Ion:119 Resp: 547077
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.1
 91 24.7 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 53.713 ug/l

RT: 11.748 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

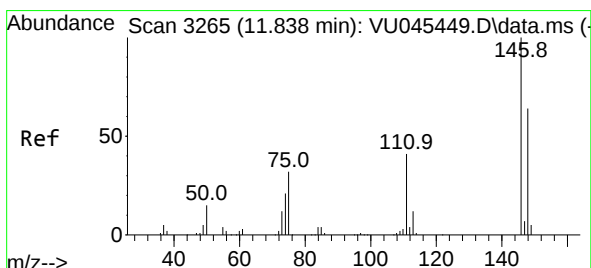
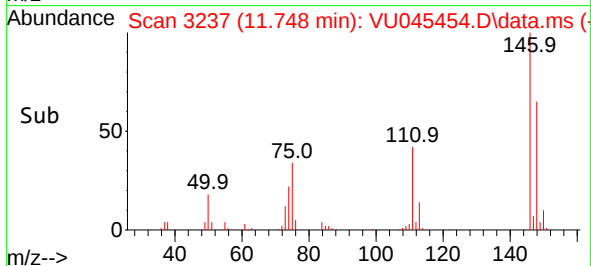
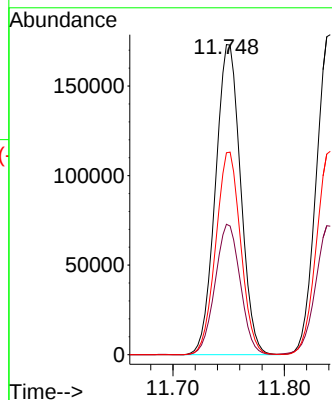
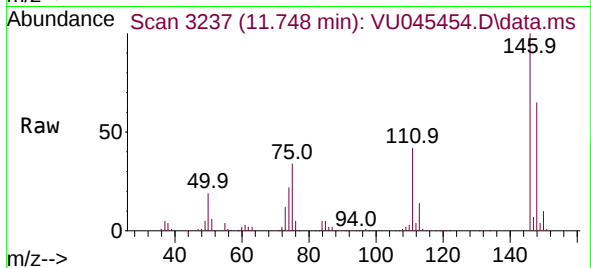
Tgt Ion:146 Resp: 271453

Ion Ratio Lower Upper

146 100

111 42.1 21.3 63.9

148 64.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 53.417 ug/l

RT: 11.841 min Scan# 3266

Delta R.T. 0.003 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

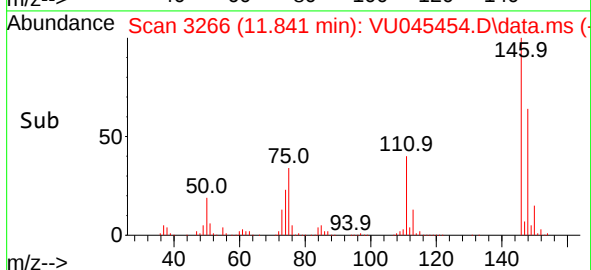
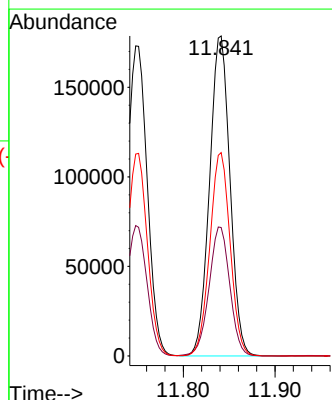
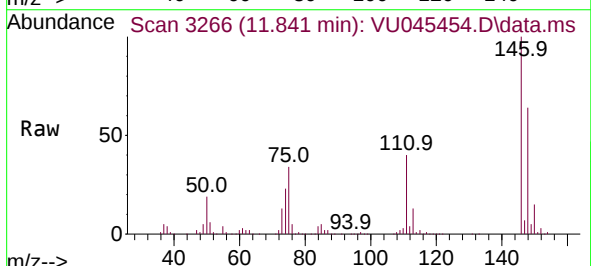
Tgt Ion:146 Resp: 276058

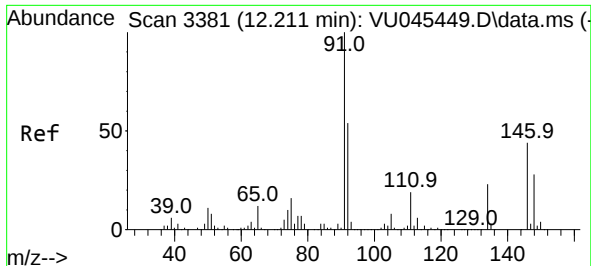
Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.9

148 63.5 31.9 95.7

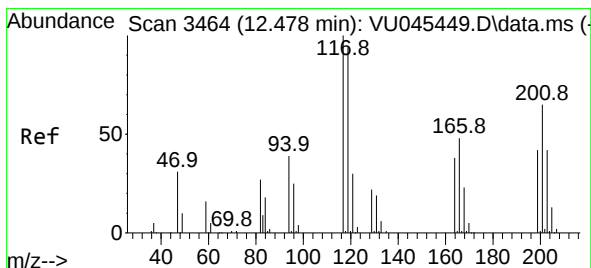
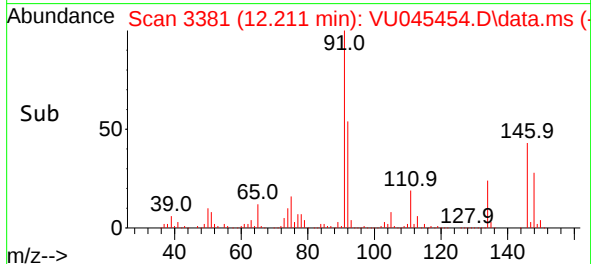
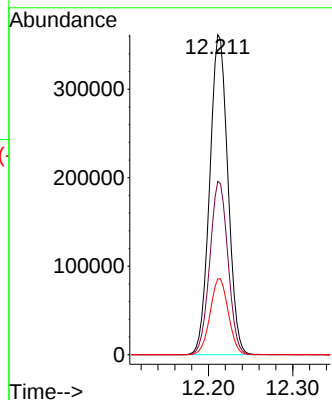
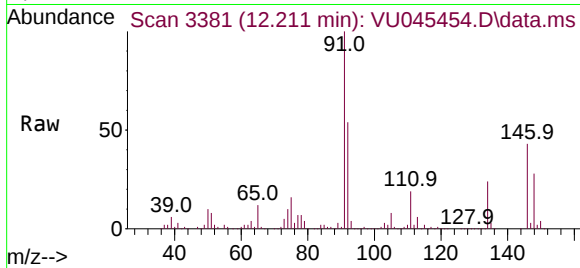




#89
n-Butylbenzene
Concen: 53.278 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

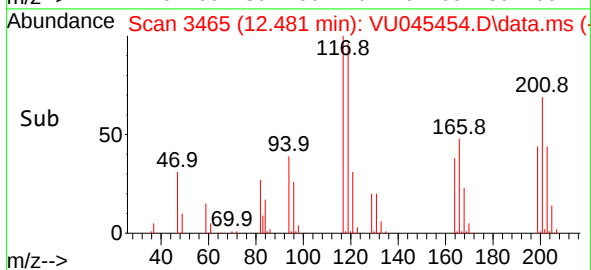
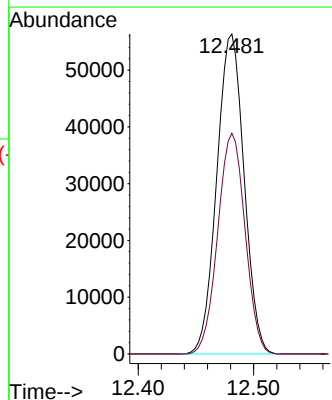
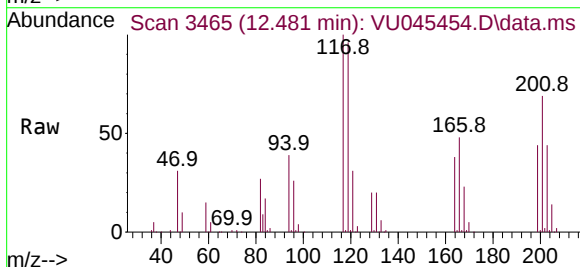
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

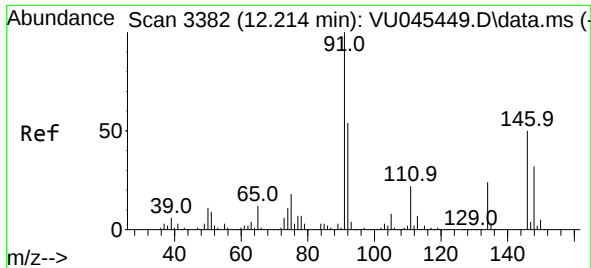
Tgt Ion: 91 Resp: 540920
Ion Ratio Lower Upper
91 100
92 54.2 27.1 81.2
134 23.8 11.8 35.4



#90
Hexachloroethane
Concen: 55.490 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. 0.003 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion: 117 Resp: 92632
Ion Ratio Lower Upper
117 100
201 68.9 33.8 101.4

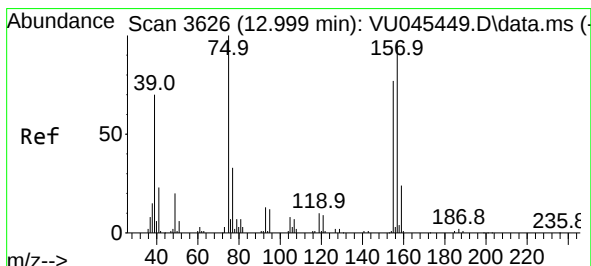
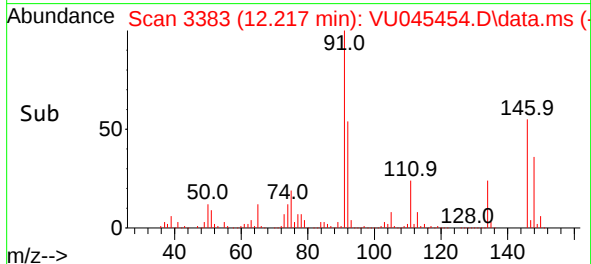
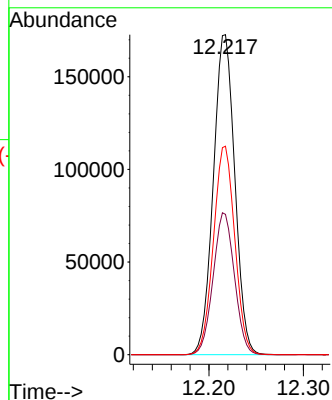
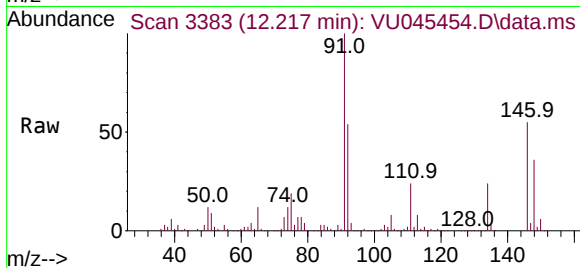




#91
1,2-Dichlorobenzene
Concen: 53.909 ug/l
RT: 12.217 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

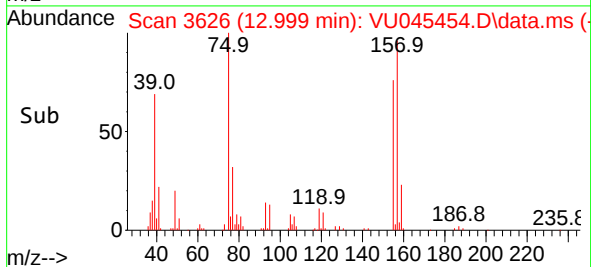
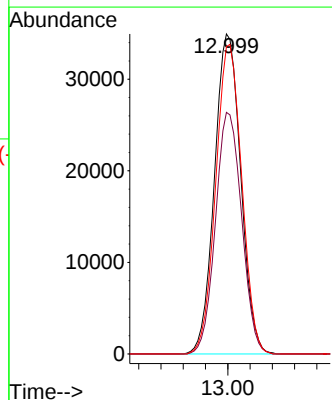
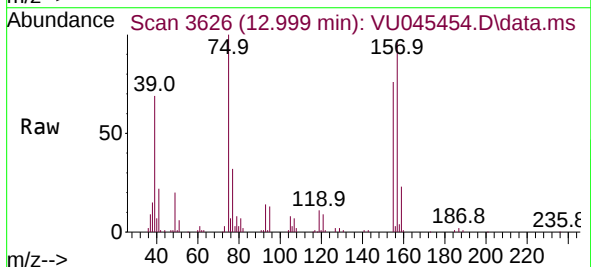
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

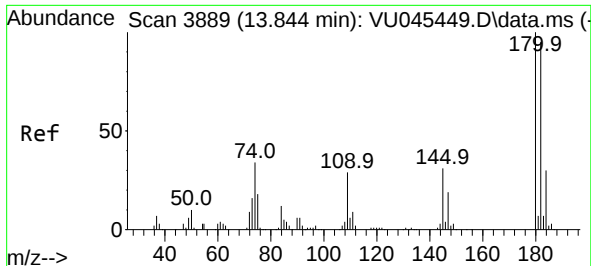
Tgt Ion:146 Resp: 272489
Ion Ratio Lower Upper
146 100
111 44.0 21.9 65.5
148 64.8 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.711 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion: 75 Resp: 57228
Ion Ratio Lower Upper
75 100
155 75.2 37.8 113.3
157 95.7 48.4 145.2





#93

1,2,4-Trichlorobenzene

Concen: 56.133 ug/l

RT: 13.844 min Scan# 3889

Delta R.T. 0.000 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

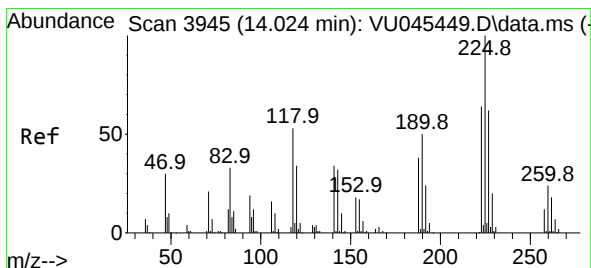
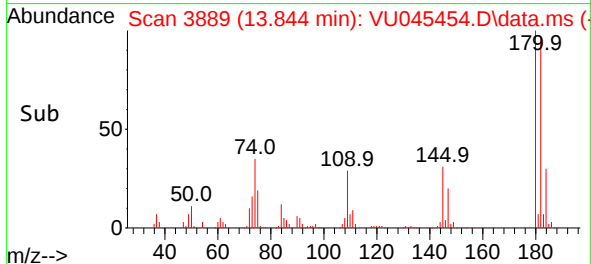
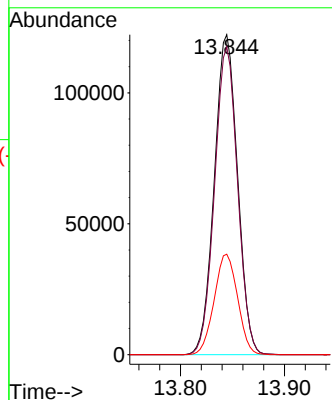
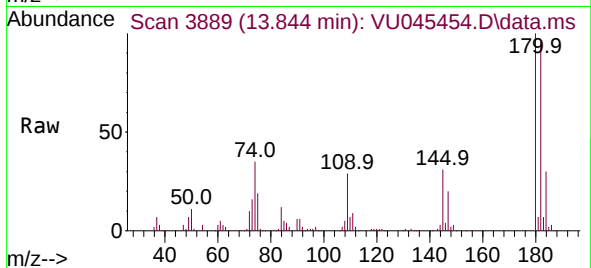
Tgt Ion:180 Resp: 190007

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.2

145 31.6 15.6 46.7



#94

Hexachlorobutadiene

Concen: 59.126 ug/l

RT: 14.024 min Scan# 3945

Delta R.T. -0.000 min

Lab File: VU045454.D

Acq: 29 Oct 2021 10:26

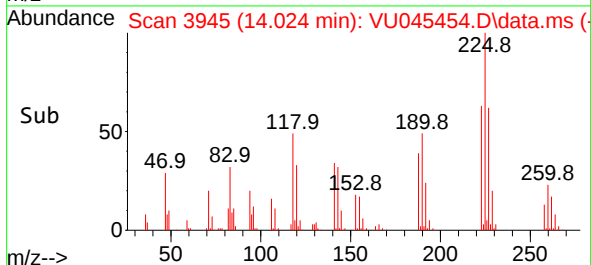
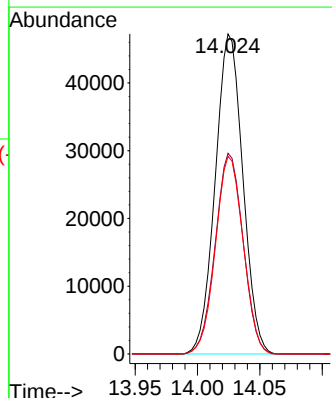
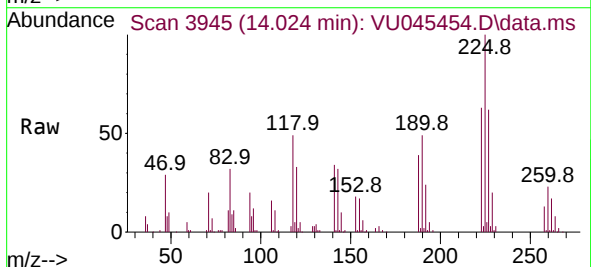
Tgt Ion:225 Resp: 72872

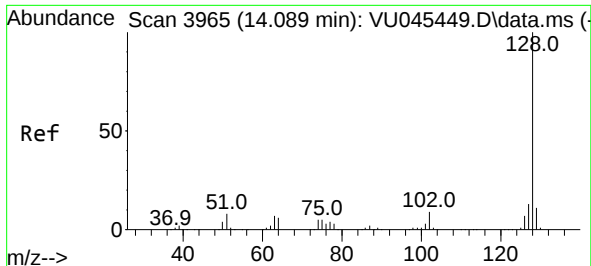
Ion Ratio Lower Upper

225 100

223 63.2 32.0 96.2

227 62.0 31.1 93.5

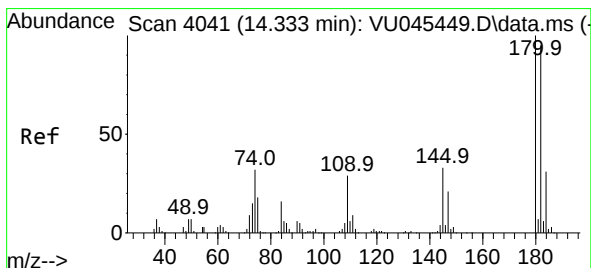
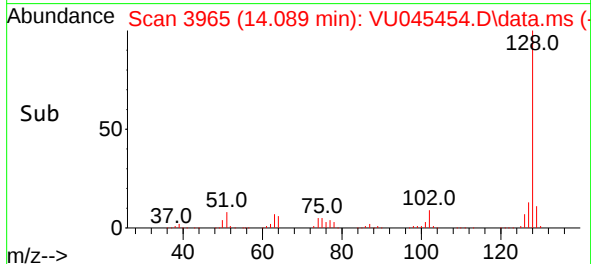
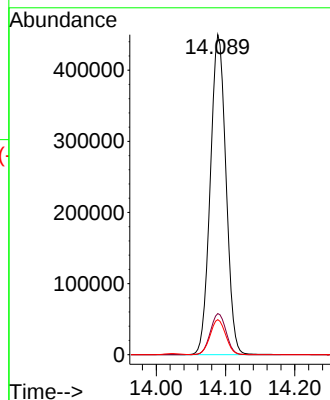
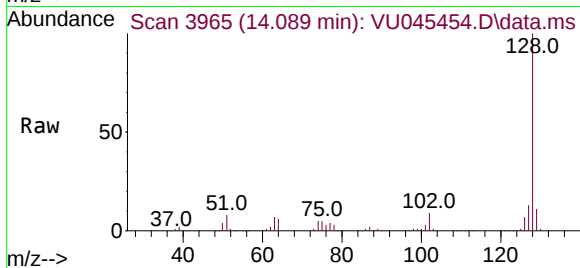




#95
Naphthalene
Concen: 52.693 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	705249
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 56.444 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045454.D
Acq: 29 Oct 2021 10:26

Tgt Ion:	180	Resp:	192586
Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.7	143.1
145	33.0	16.7	50.0

